

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110512.D
 Acq On : 6 Nov 2018 13:51
 Operator : JU/SJ
 Sample : J5827-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Manual Integrations
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 11/7/2018 2:54:23 PM

Quant Time: Nov 06 15:12:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	105040	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	417423	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	185865	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	289493	20.00	ng	0.00
76) Chrysene-d12	14.14	240	178320	20.00	ng	0.00
87) Perylene-d12	15.66	264	146827	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	795660	123.35	ng	0.02
7) Phenol-d6	6.59	99	1013532	122.85	ng	0.01
23) Nitrobenzene-d5	7.53	82	635211	90.26	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	205235	111.47	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1083029	91.50	ng	0.00
79) Terphenyl-d14	13.07	244	752793	87.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	90894	26.896	ng	88
3) Pyridine	3.65	79	259957	34.536	ng	# 84
4) n-Nitrosodimethylamine	3.61	42	137755	43.682	ng	91
6) Aniline	6.62	93	358279	33.336	ng	# 54
8) 2-Chlorophenol	6.75	128	303694	40.838	ng	99
9) Benzaldehyde	6.51	77	179553	36.564	ng	97
10) Phenol	6.60	94	428451	48.582	ng	# 67
11) bis(2-Chloroethyl)ether	6.69	93	279947	38.583	ng	95
12) 1,3-Dichlorobenzene	6.90	146	311470	38.059	ng	98
13) 1,4-Dichlorobenzene	6.97	146	317375	38.344	ng	98
14) 1,2-Dichlorobenzene	7.13	146	301508	39.240	ng	99
15) Benzyl Alcohol	7.10	79	259679	40.923	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	448487	38.660	ng	71
17) 2-Methylphenol	7.20	107	244122	41.190	ng	# 83
18) Hexachloroethane	7.46	117	113404	37.423	ng	93
19) n-Nitroso-di-n-propylamine	7.37	70	204315	38.601	ng	96
20) 3+4-Methylphenols	7.36	107	305675	39.900	ng	92
22) Acetophenone	7.37	105	414289	43.073	ng	# 97
24) Nitrobenzene	7.55	77	311987	42.939	ng	93
25) Isophorone	7.77	82	560071	46.687	ng	98
26) 2-Nitrophenol	7.86	139	152573	44.127	ng	95
27) 2,4-Dimethylphenol	7.89	122	272522	47.540	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	358532	43.994	ng	100
29) 2,4-Dichlorophenol	8.10	162	246191	42.510	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	265536	40.933	ng	98
31) Naphthalene	8.26	128	851305	44.250	ng	100
32) Benzoic acid	7.96	122	11364	2.565	ng	# 81
33) 4-Chloroaniline	8.31	127	190996	22.059	ng	98
34) Hexachlorobutadiene	8.37	225	147141	40.851	ng	97
35) Caprolactam	8.69	113	84333m	41.779	ng	
36) 4-Chloro-3-methylphenol	8.79	107	264823	42.286	ng	98
37) 2-Methylnaphthalene	8.95	142	578436	45.443	ng	98
38) 1-Methylnaphthalene	9.05	142	539927	43.894	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	245586	42.407	ng	99

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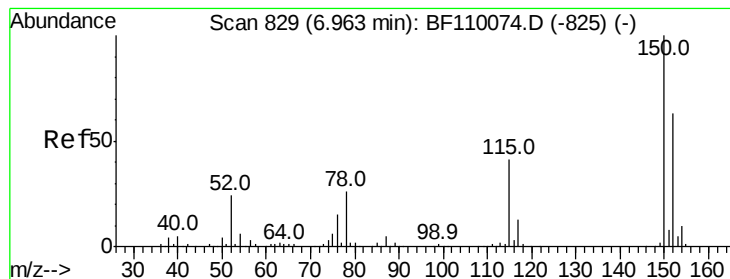
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	92486	31.232	ng	97
43) 2,4,6-Trichlorophenol	9.23	196	159742	42.766	ng	94
44) 2,4,5-Trichlorophenol	9.27	196	169353	42.893	ng	95
46) 1,1'-Biphenyl	9.42	154	686748	40.859	ng	99
47) 2-Chloronaphthalene	9.45	162	515229	41.790	ng	98
48) 2-Nitroaniline	9.55	65	163646	43.802	ng	94
49) Acenaphthylene	9.86	152	786020	44.140	ng	98
50) Dimethylphthalate	9.72	163	780813	56.910	ng	100
51) 2,6-Dinitrotoluene	9.79	165	125213	42.368	ng	96
52) Acenaphthene	10.03	154	465387	39.505	ng	97
53) 3-Nitroaniline	9.96	138	110720	31.504	ng	96
54) 2,4-Dinitrophenol	10.07	184	19945	21.080	ng	92
55) Dibenzofuran	10.20	168	673116	40.811	ng	99
56) 4-Nitrophenol	10.12	139	235386	90.494	ng	96
57) 2,4-Dinitrotoluene	10.19	165	158082	42.112	ng	96
58) Fluorene	10.55	166	527804	42.997	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	125062	38.861	ng	# 92
60) Diethylphthalate	10.41	149	579767	43.289	ng	99
61) 4-Chlorophenyl-phenylether	10.53	204	258960	39.990	ng	96
62) 4-Nitroaniline	10.57	138	124755	35.690	ng	96
63) Azobenzene	10.70	77	541607	40.741	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	25507	19.285	ng	89
66) n-Nitrosodiphenylamine	10.66	169	463701	48.834	ng	96
67) 4-Bromophenyl-phenylether	11.03	248	145872	46.454	ng	93
68) Hexachlorobenzene	11.10	284	143691	43.127	ng	# 90
69) Atrazine	11.18	200	143798	47.921	ng	97
70) Pentachlorophenol	11.30	266	116965	60.204	ng	97
71) Phenanthrene	11.52	178	695532	45.917	ng	100
72) Anthracene	11.57	178	707345	46.588	ng	99
73) Carbazole	11.72	167	594245	40.085	ng	100
74) Di-n-butylphthalate	12.03	149	801149	47.850	ng	99
75) Fluoranthene	12.71	202	607465	39.515	ng	98
77) Benzidine	12.83	184	370700	Below	Cal	97
78) Pyrene	12.94	202	587781	45.978	ng	99
80) Butylbenzylphthalate	13.53	149	266755	48.074	ng	97
81) Benzo(a)anthracene	14.13	228	485095	45.873	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	151464	41.133	ng	99
83) Chrysene	14.16	228	455241	45.325	ng	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	360974	48.124	ng	96
85) Di-n-octyl phthalate	14.70	149	593398	50.877	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	347120	41.659	ng	97
88) Benzo(b)fluoranthene	15.21	252	417196	49.205	ng	100
89) Benzo(k)fluoranthene	15.24	252	402984	48.346	ng	99
90) Benzo(a)pyrene	15.60	252	377490	48.385	ng	98
91) Dibenzo(a,h)anthracene	17.24	278	291837	43.352	ng	97
92) Benzo(g,h,i)perylene	17.71	276	278805	42.029	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

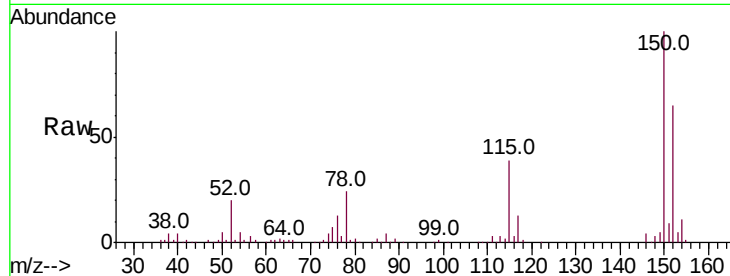
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :
SP-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	122.7	184.1
115	59.8	49.1	73.7

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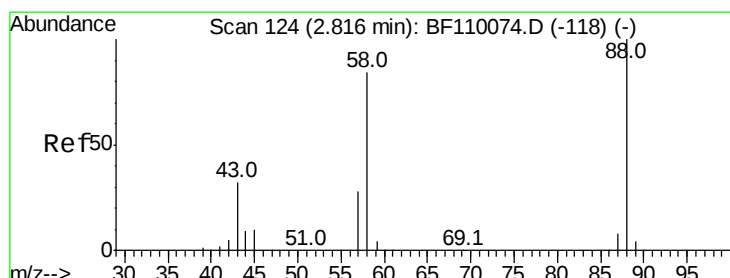
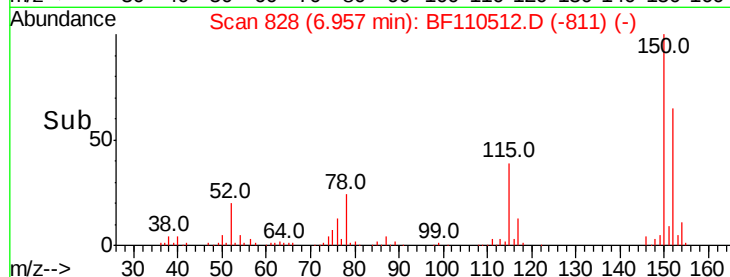
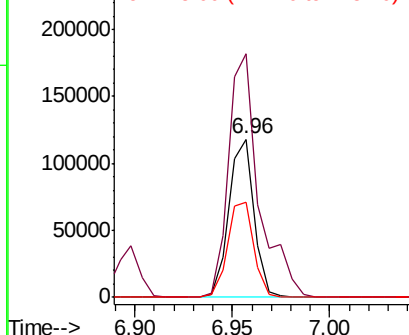


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

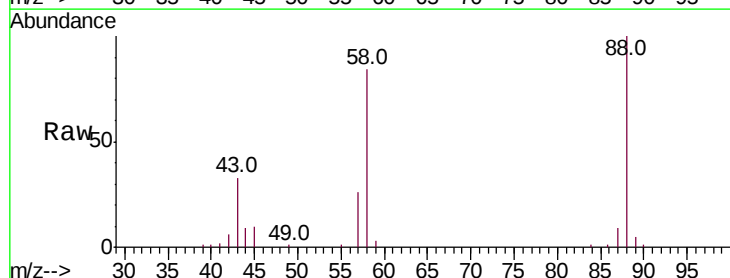
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.896 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.08 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	57.1	85.7
43	32.3	24.1	36.1

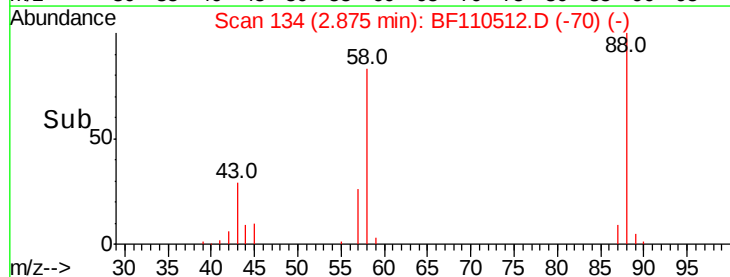
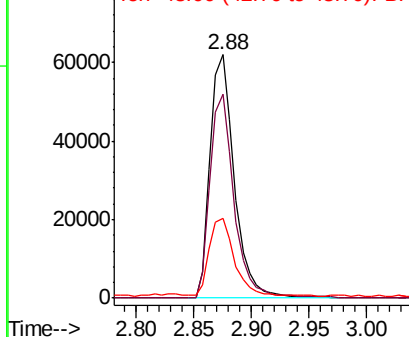


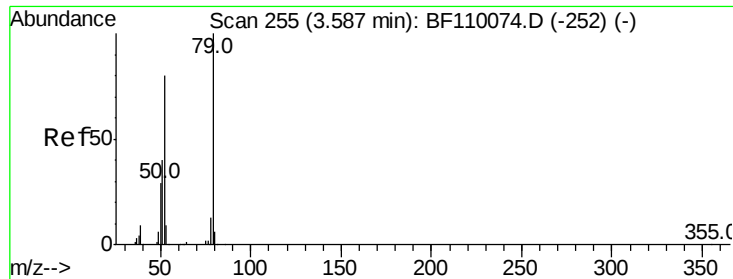
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.536 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.07 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

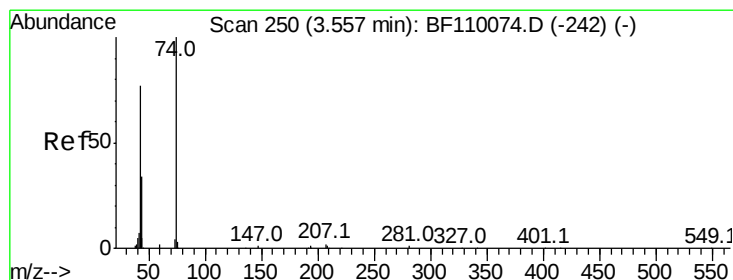
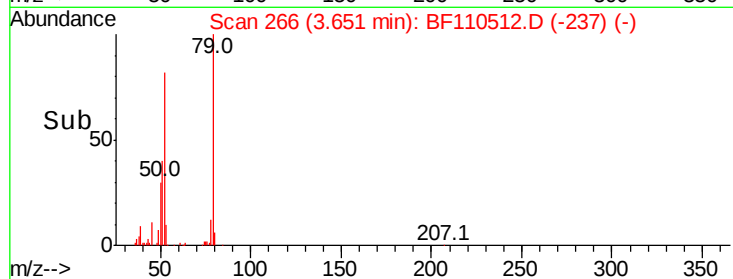
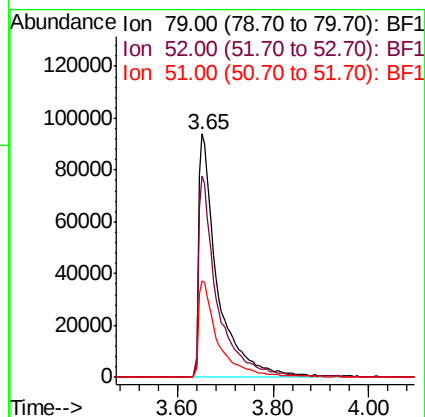
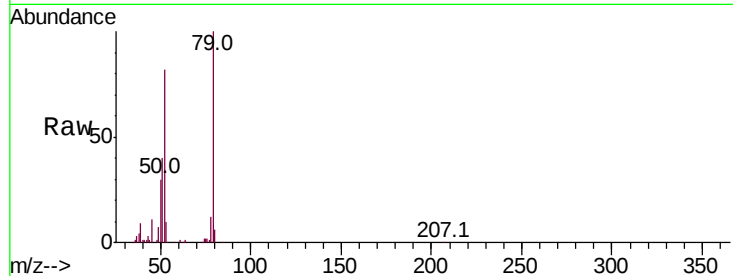
ClientSampleId :

SP-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.5	53.1	79.7#
51	39.6	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 43.682 ng

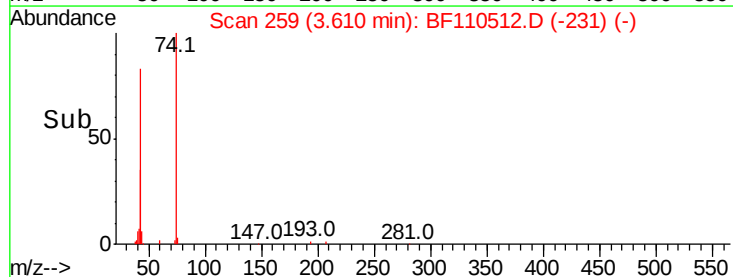
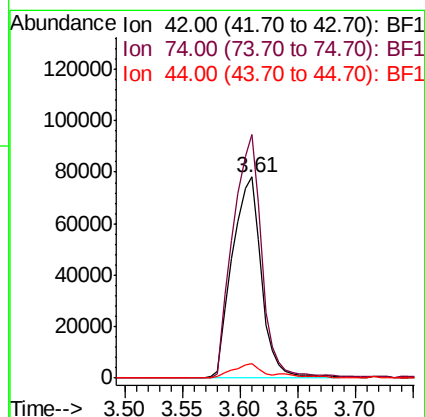
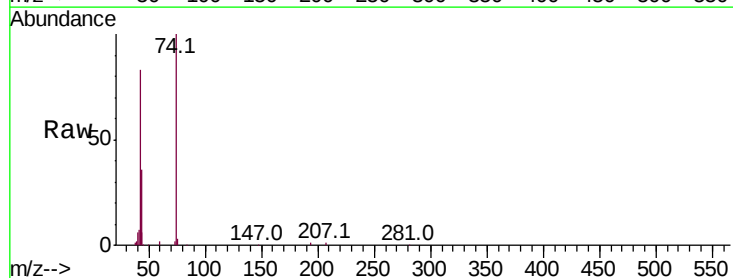
RT: 3.61 min Scan# 259

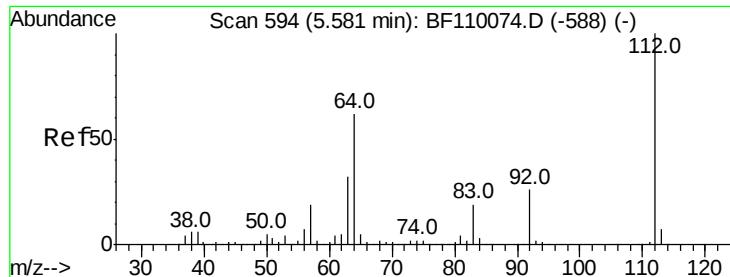
Delta R.T. 0.06 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.2	105.5	158.3
44	7.2	4.9	7.3





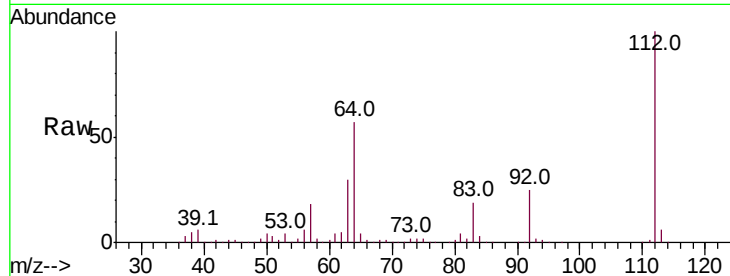
#5
2-Fluorophenol
Concen: 123.352 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.02 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :
SP-AMS

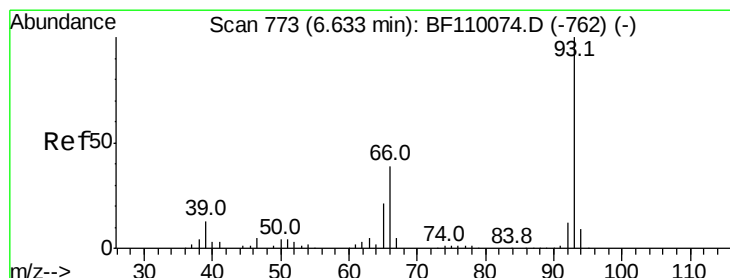
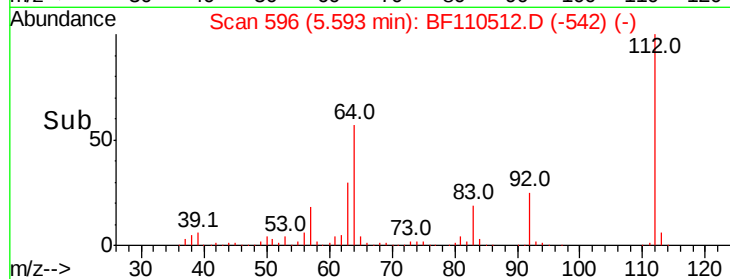
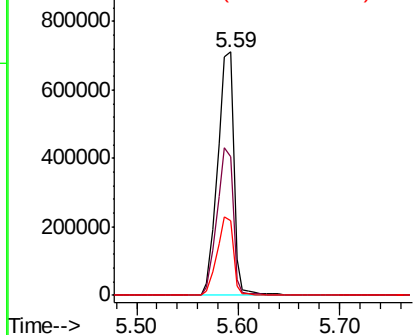
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	56.9	44.1	66.1
63	30.4	23.7	35.5

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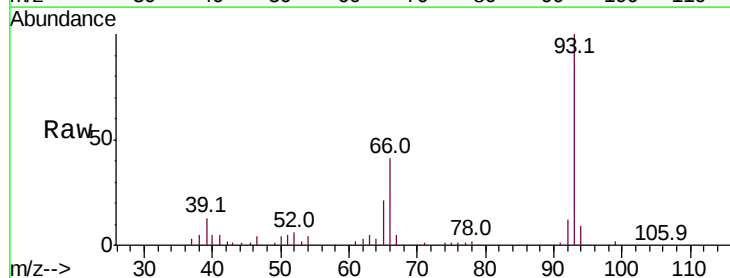


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

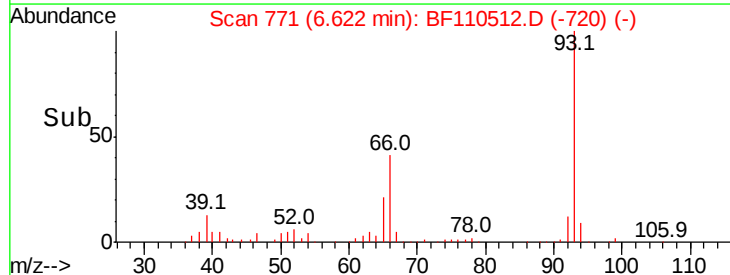
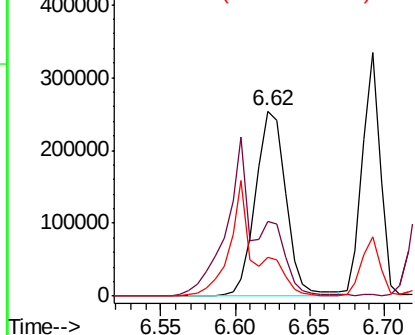


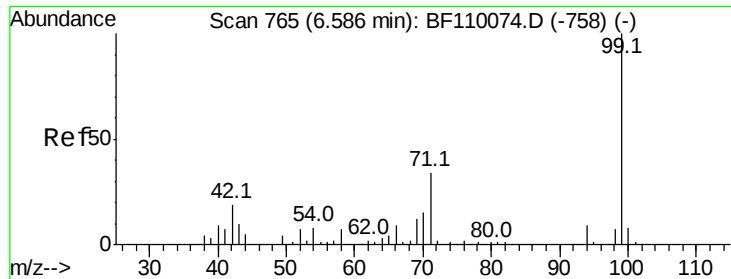
#6
Aniline
Concen: 33.336 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.5	67.4	101.0#
65	20.9	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.846 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampled :

SP-AMS

Tot Ion: 99 Resp: 1013532

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

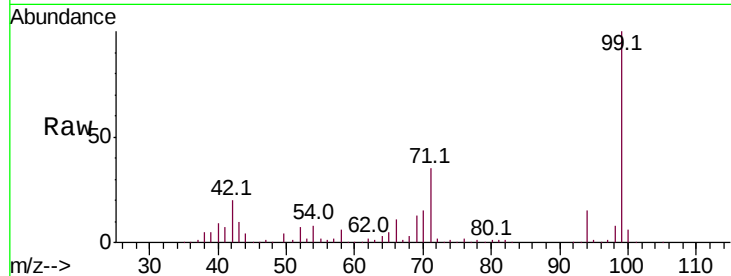
71 35.1 28.0 42.0

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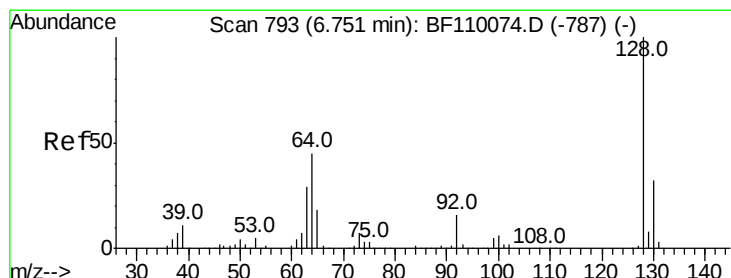
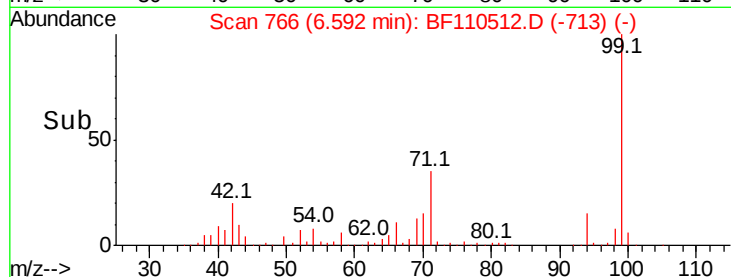
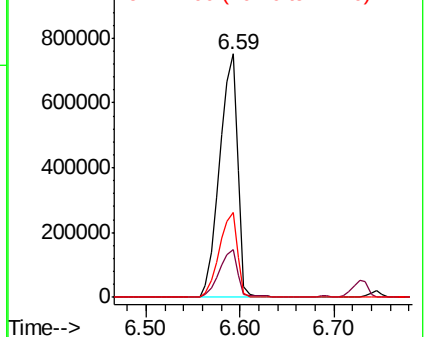
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.838 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

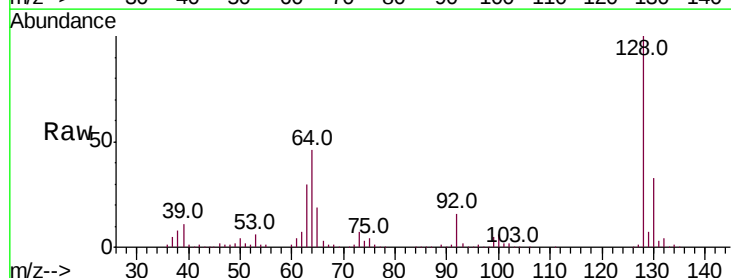
Tgt Ion:128 Resp: 303694

Ion Ratio Lower Upper

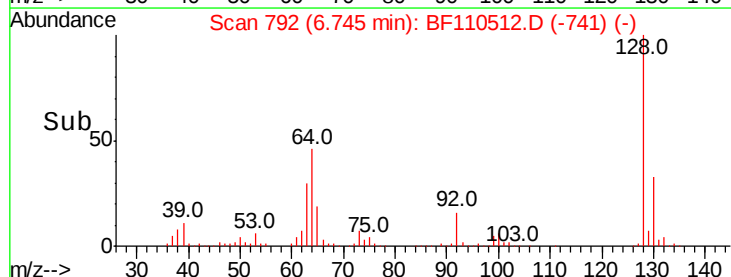
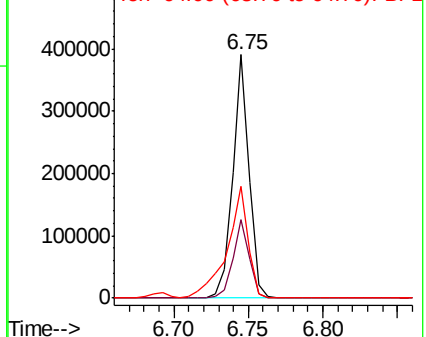
128 100

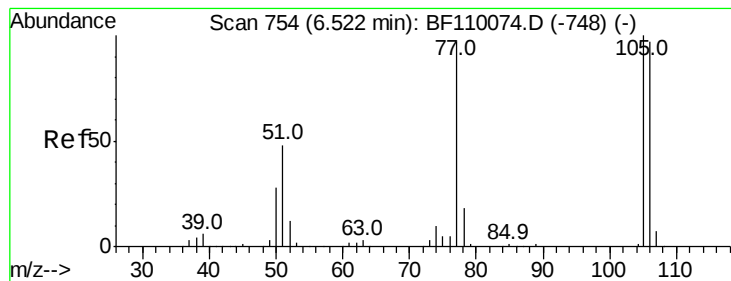
130 32.5 13.1 53.1

64 45.7 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.564 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

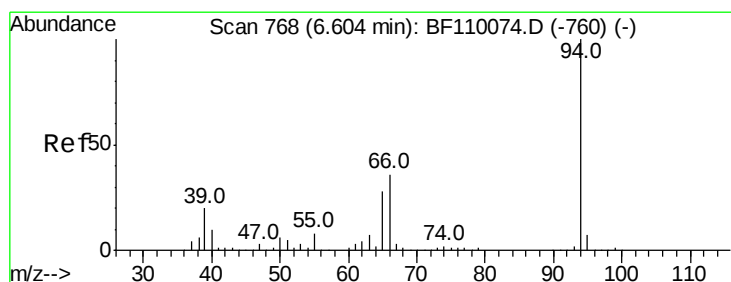
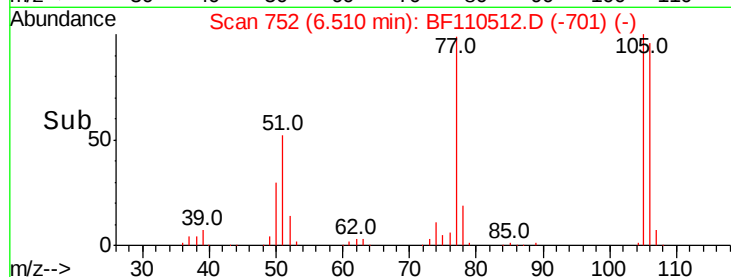
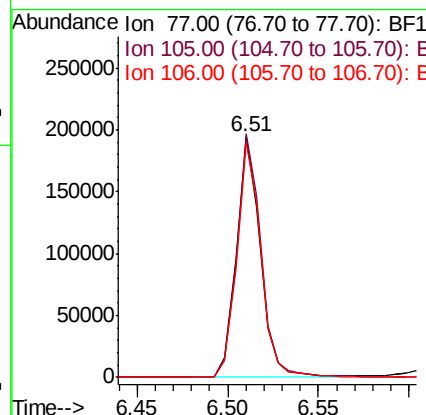
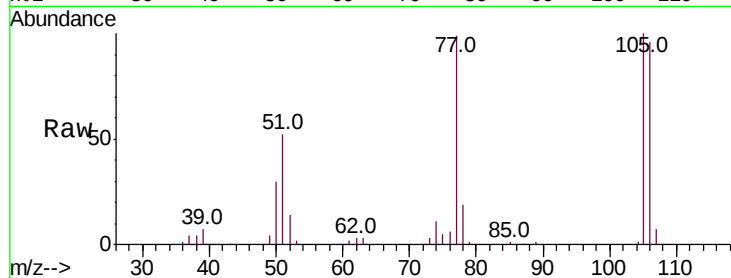
ClientSampleId :

SP-AMS

Tot Ion:	77	Resp:	179553
Ion	Ratio	Lower	Upper
77	100		
105	101.3	78.6	118.6
106	97.7	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 48.582 ng

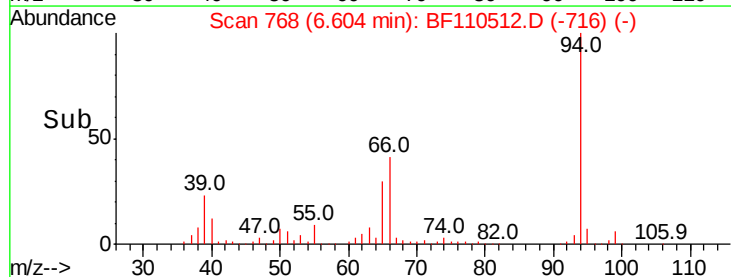
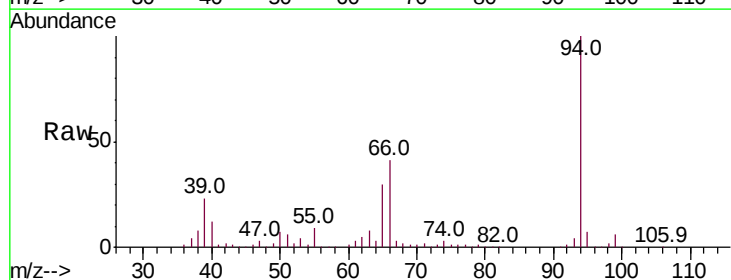
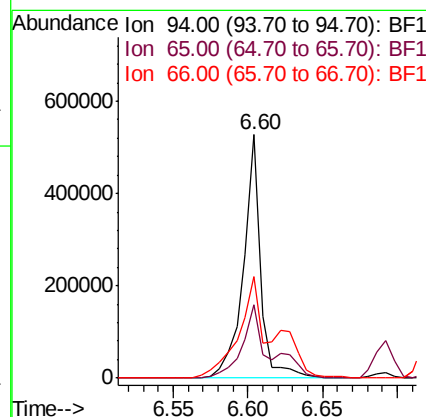
RT: 6.60 min Scan# 768

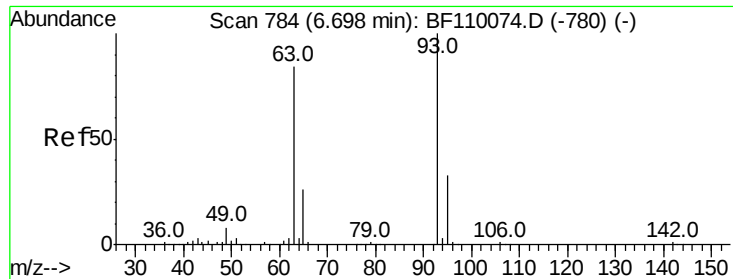
Delta R.T. 0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Tgt Ion:	94	Resp:	428451
Ion	Ratio	Lower	Upper
94	100		
65	30.1	25.3	65.3
66	41.5	54.5	94.5#





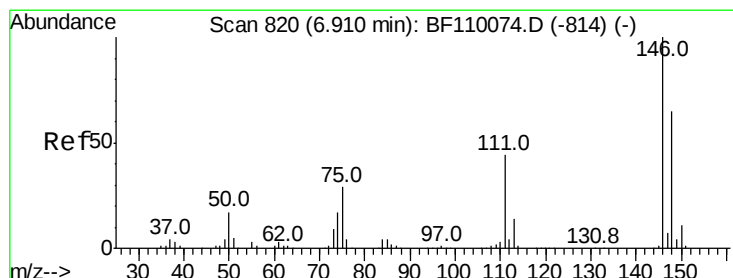
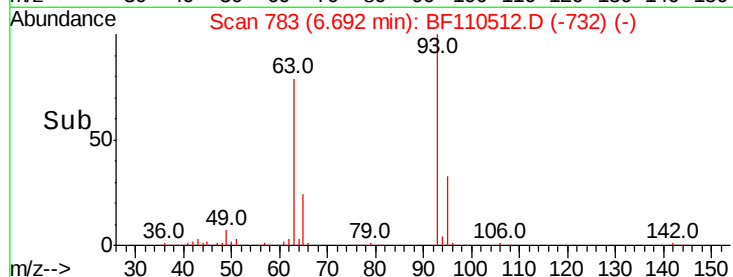
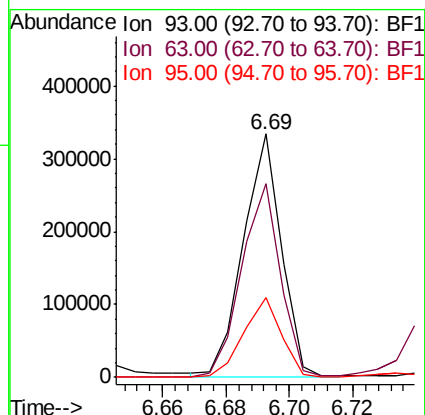
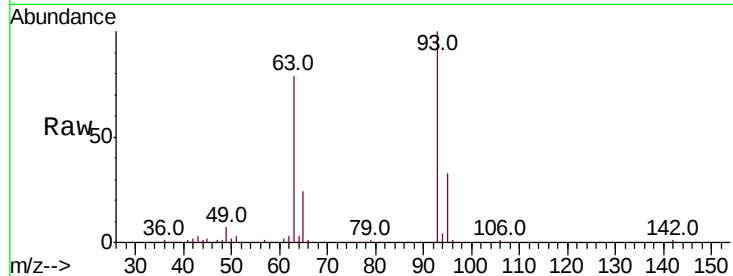
#11
bis(2-Chloroethyl)ether
Concen: 38.583 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.4	53.4	93.4
95	32.5	12.1	52.1

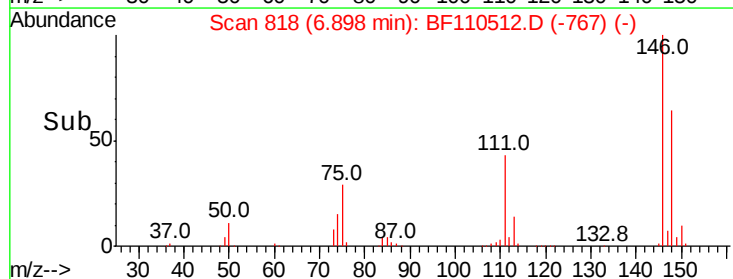
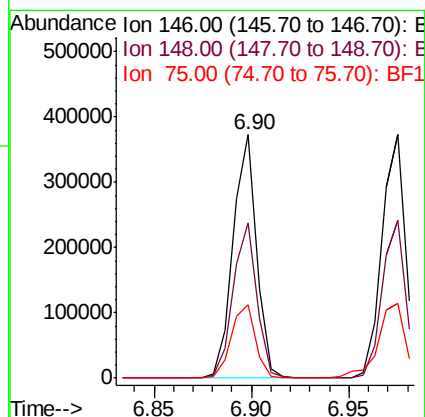
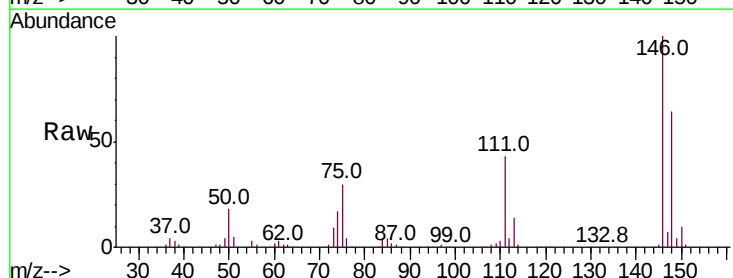
Manual Integrations
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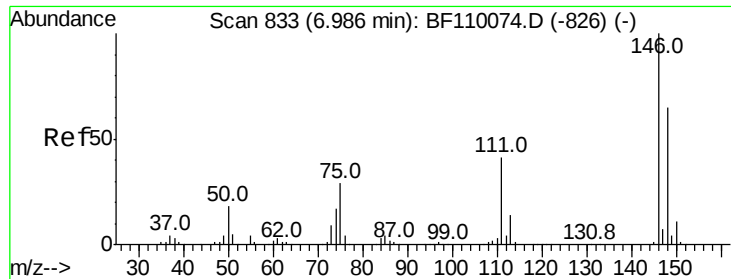
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.059 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.4	75.6
75	30.0	25.8	38.6





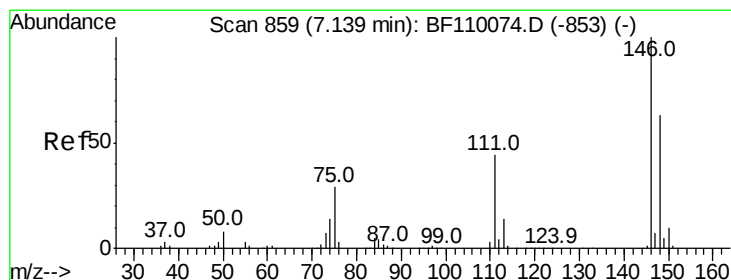
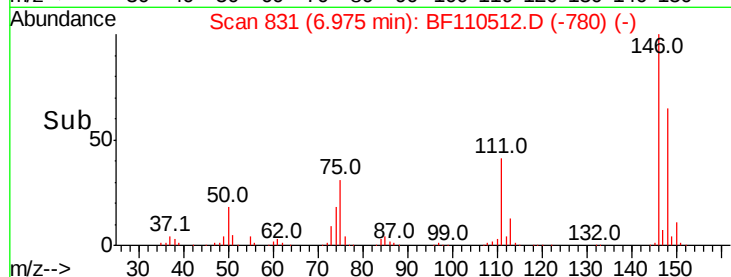
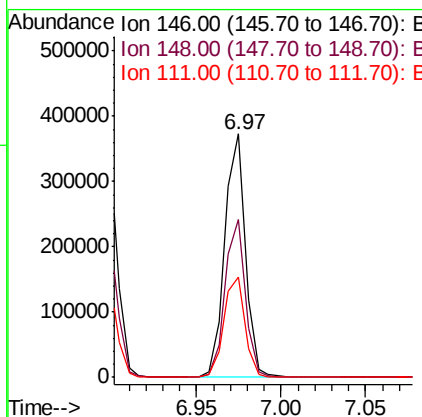
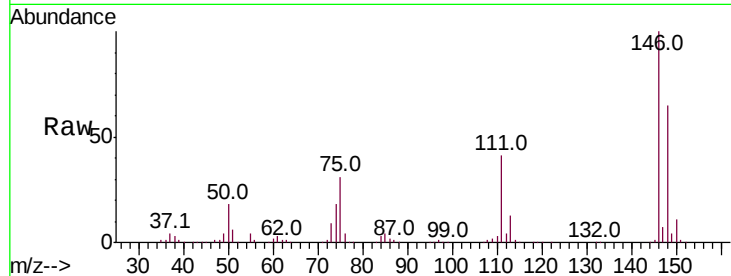
#13
 1,4-Dichlorobenzene
 Concen: 38.344 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampled :
 SP-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.3	75.5
111	41.4	32.7	49.1

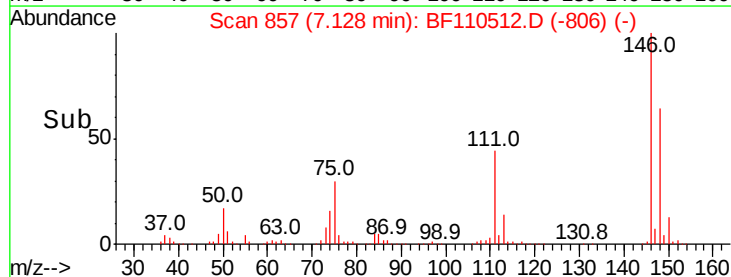
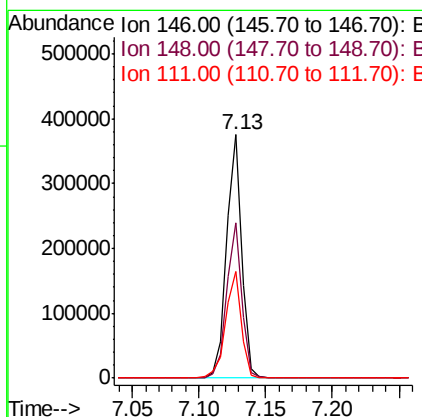
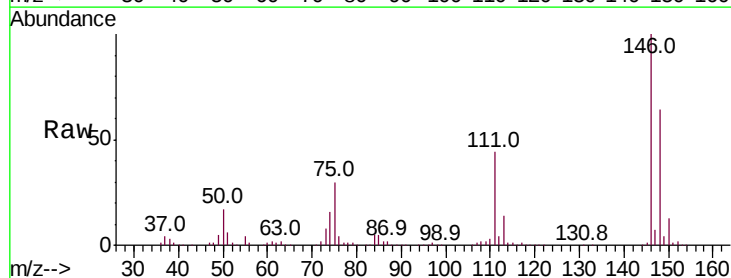
Manual Integrations
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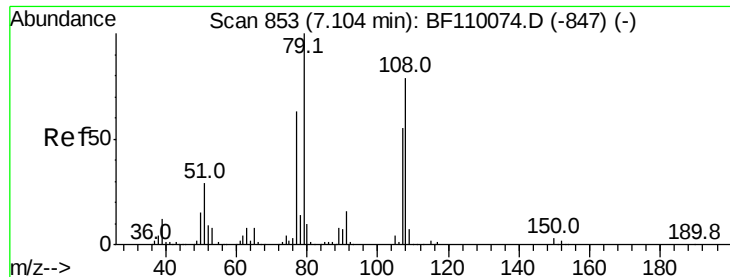
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.240 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.1	76.7
111	43.9	35.8	53.6





#15

Benzyl Alcohol

Concen: 40.923 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

SP-AMS

Tot Ion: 79 Resp: 259679

Ion Ratio Lower Upper

79 100

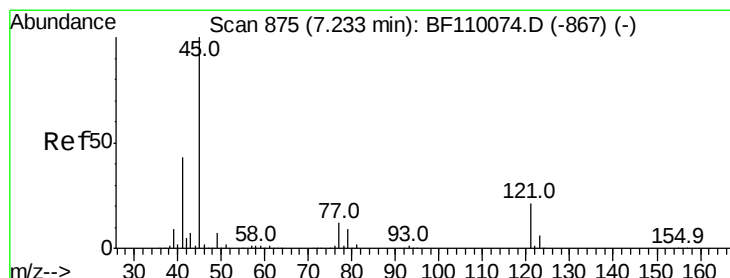
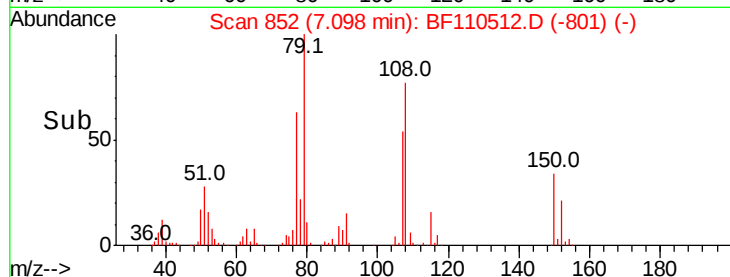
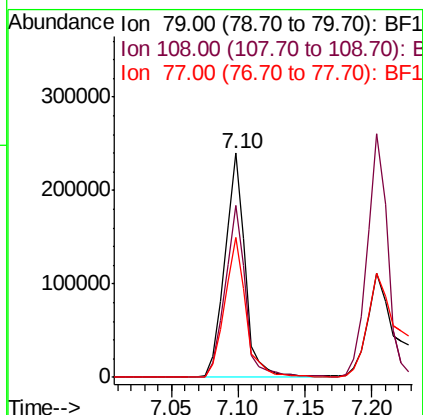
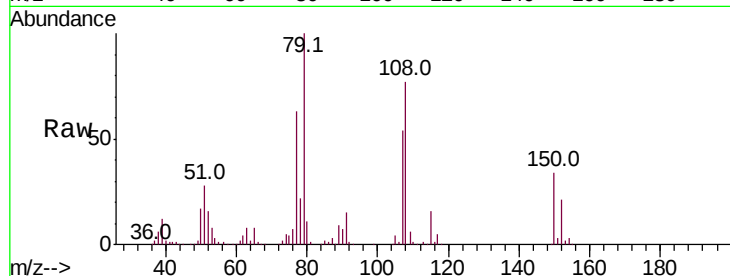
108 77.0 56.3 84.5

77 62.7 52.9 79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.660 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

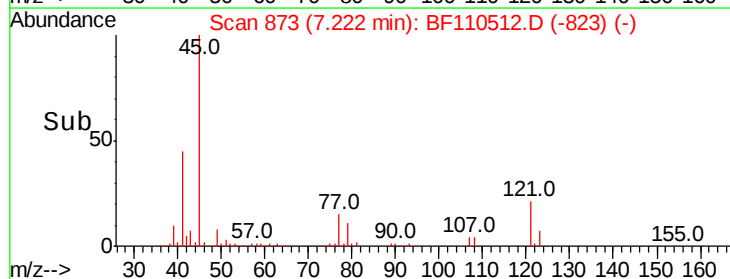
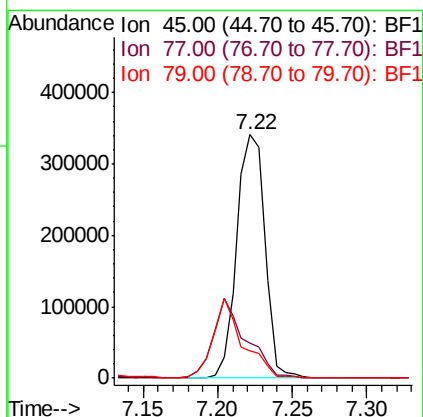
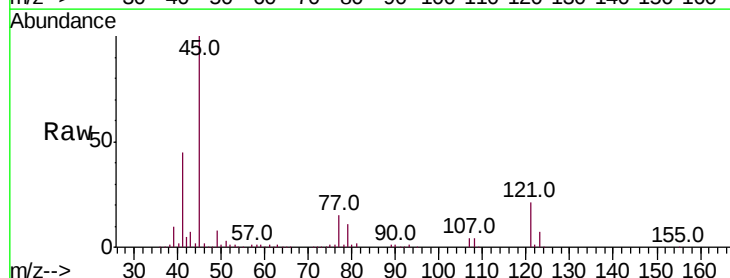
Tgt Ion: 45 Resp: 448487

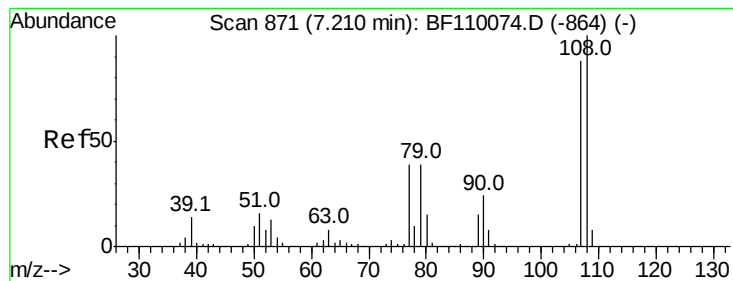
Ion Ratio Lower Upper

45 100

77 14.6 10.0 50.0

79 11.4 6.1 46.1





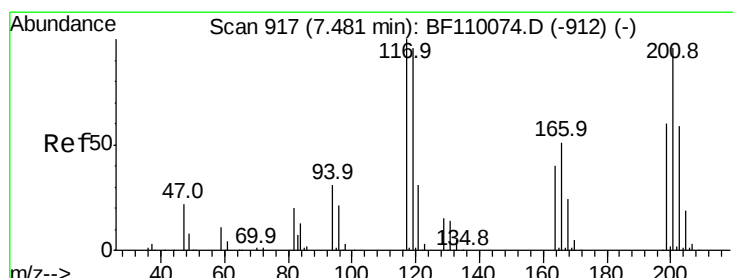
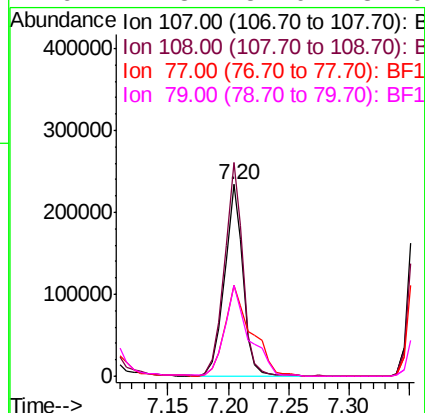
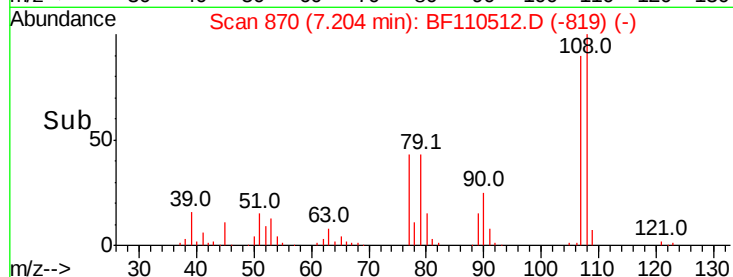
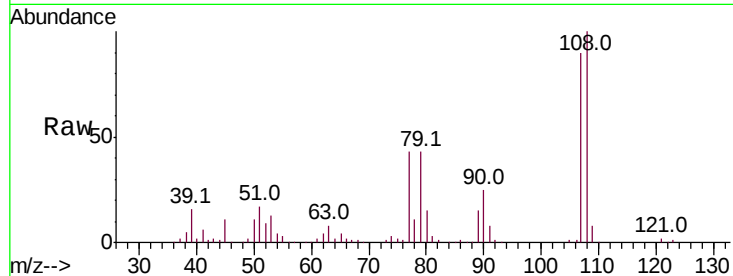
#17
2-Methylphenol
Concen: 41.190 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	111.6	92.6	138.8
77	47.7	59.4	89.2#
79	47.8	54.0	81.0#

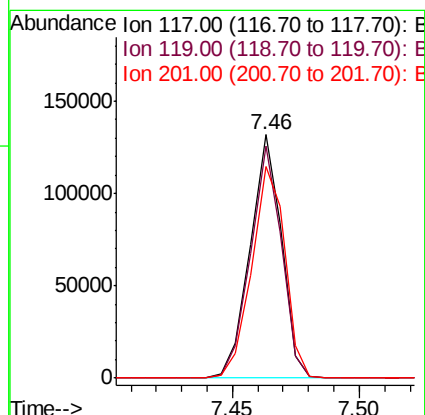
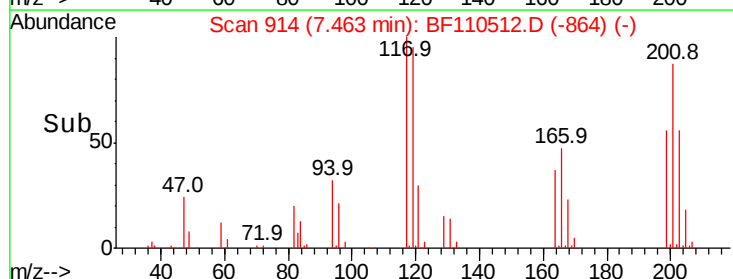
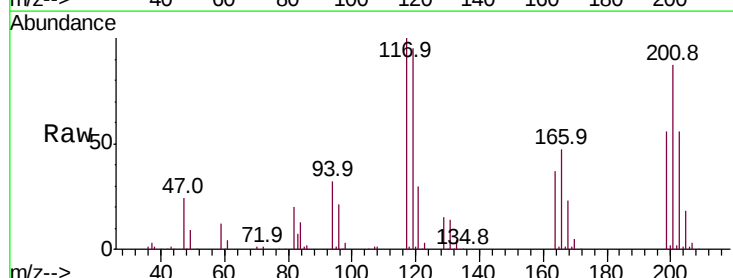
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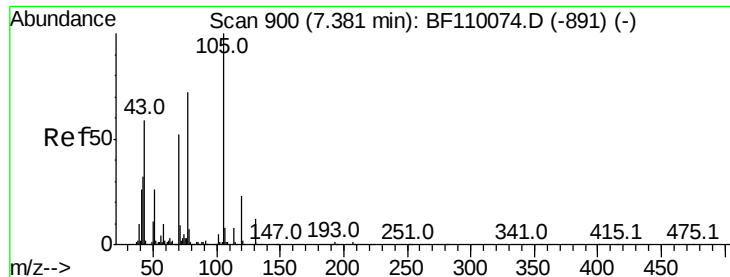
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#18
Hexachloroethane
Concen: 37.423 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	95.5	75.0	112.6
201	86.9	79.2	118.8





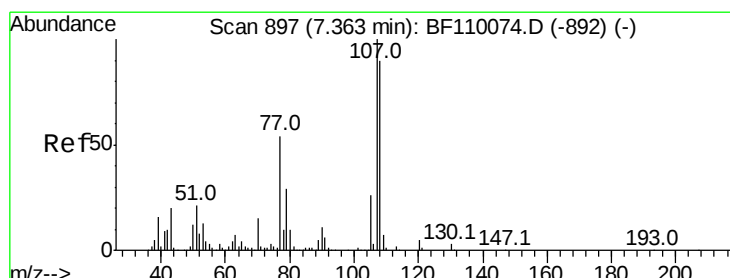
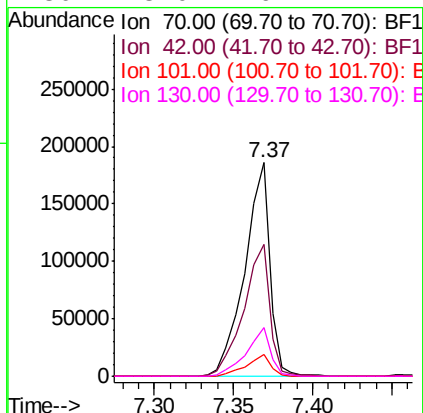
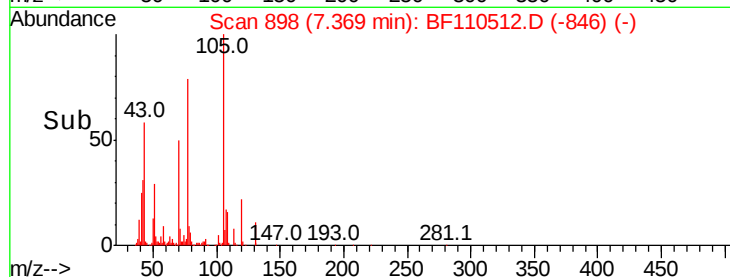
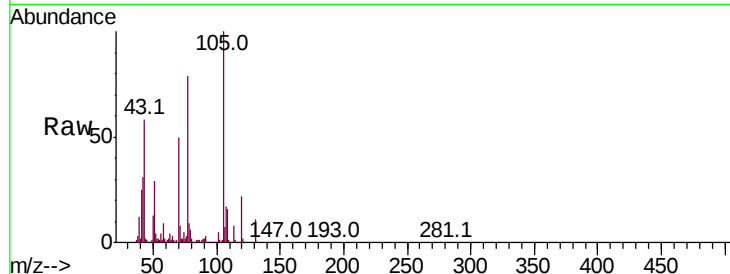
#19
n-Nitroso-di-n-propylamine
Concen: 38.601 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :
SP-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.5	47.4	71.2
101	10.3	7.3	10.9
130	23.0	16.2	24.2

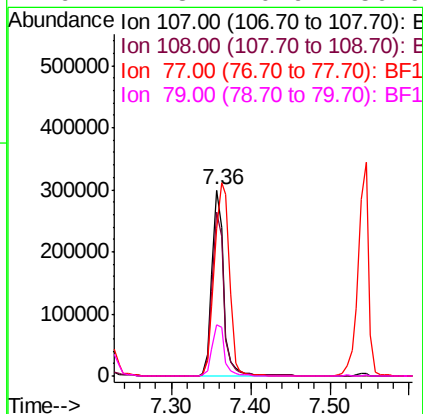
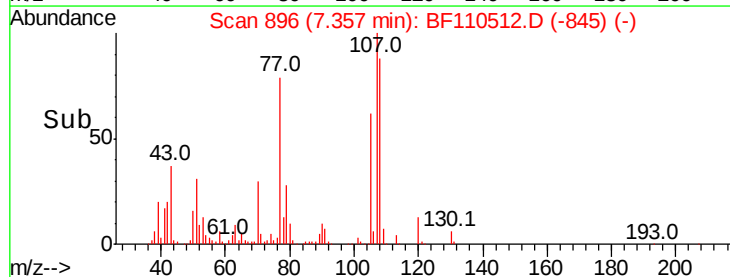
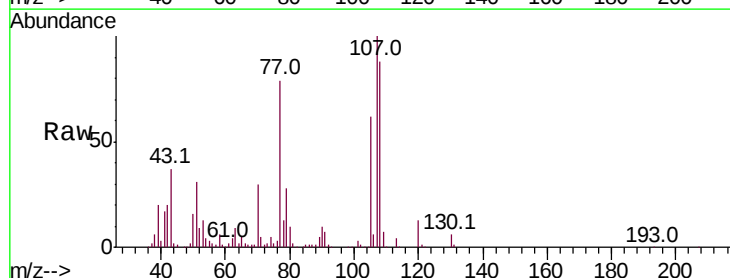
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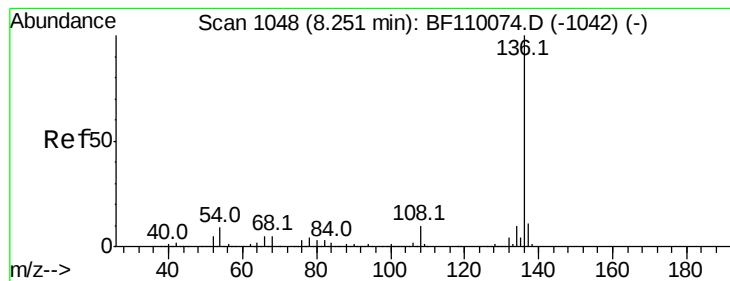
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#20
3+4-Methylphenols
Concen: 39.900 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.4	111.4
77	79.2	47.3	87.3
79	27.8	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

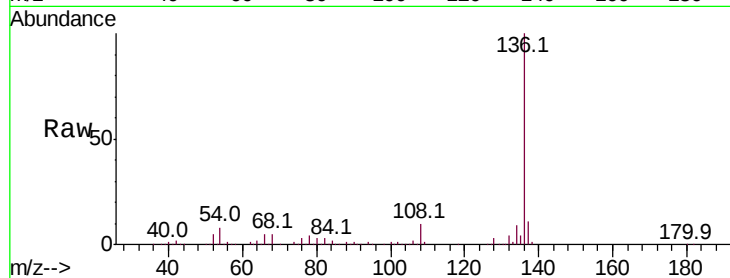
ClientSampleId :

SP-AMS

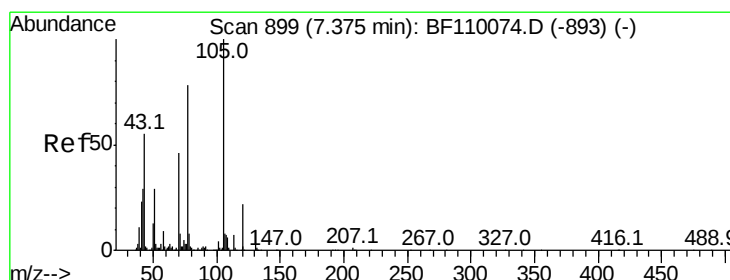
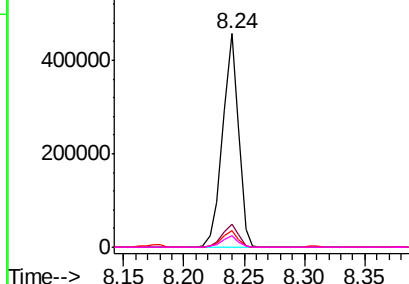
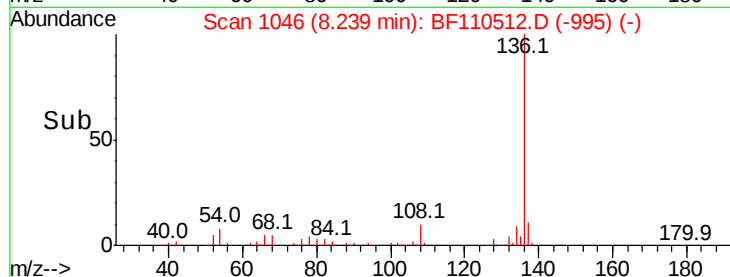
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		417423		
137	10.8	8.8	13.2		
54	7.9	5.4	8.2		
68	5.2	4.2	6.2		

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.073 ng

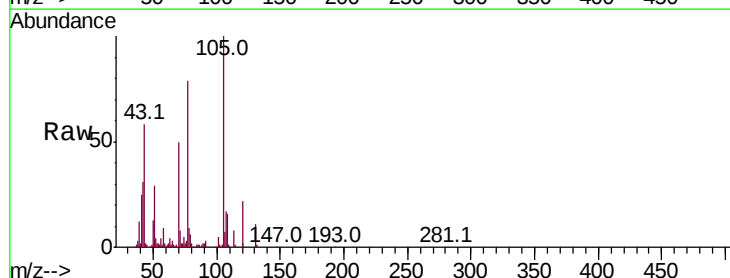
RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

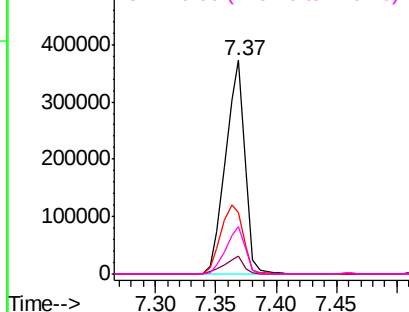
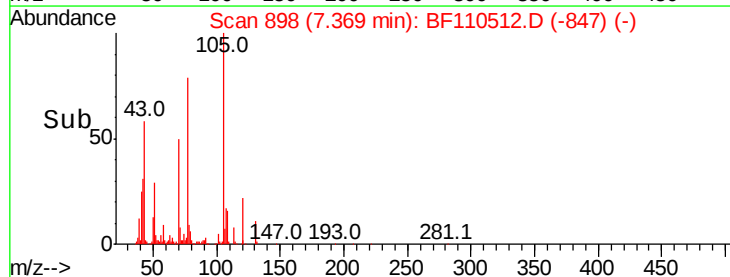
Lab File: BF110512.D

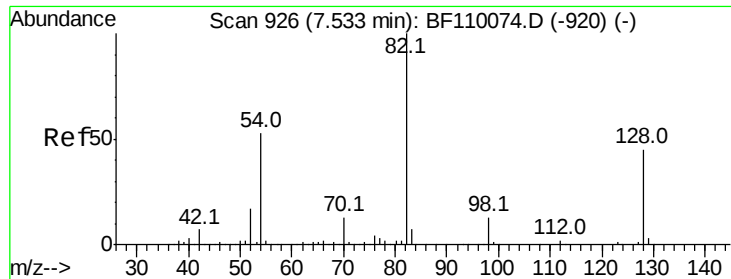
Acq: 6 Nov 2018 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		414289		
71	8.4	5.2	7.8#		
51	29.0	21.8	32.8		
120	22.2	17.0	25.4		



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





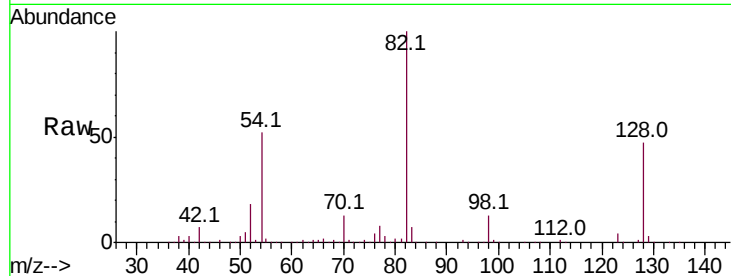
#23
 Nitrobenzene-d5
 Concen: 90.260 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampled :
 SP-AMS

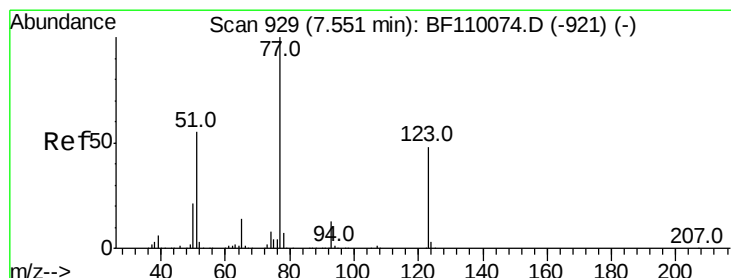
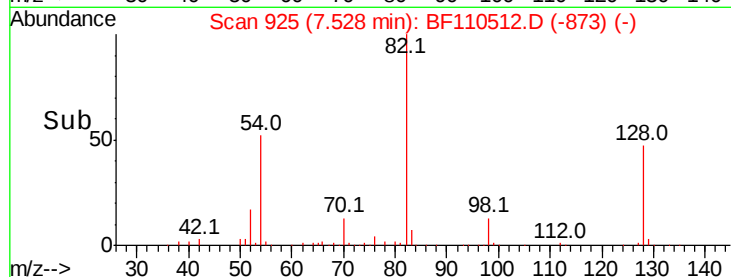
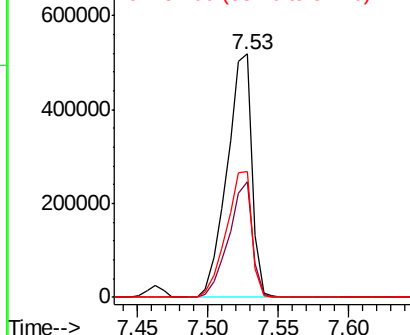
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4	34.2	51.2	
54	51.7	38.6	58.0	

Manual Integrations
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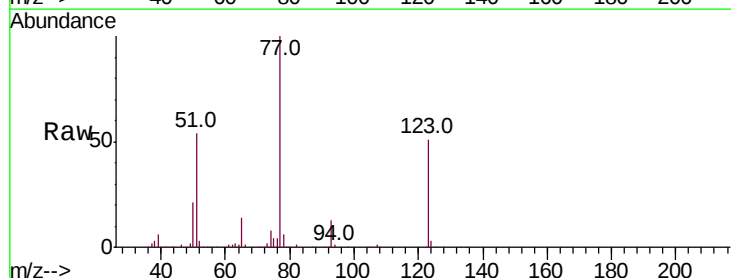


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

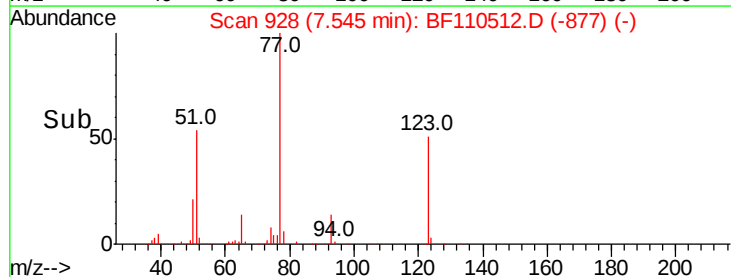
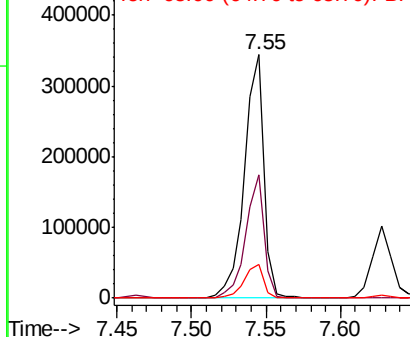


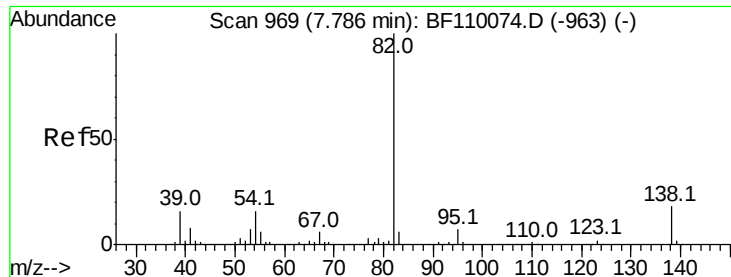
#24
 Nitrobenzene
 Concen: 42.939 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.5	35.7	53.5	
65	13.7	10.7	16.1	



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





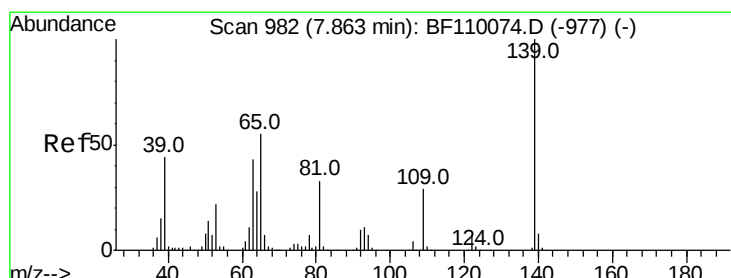
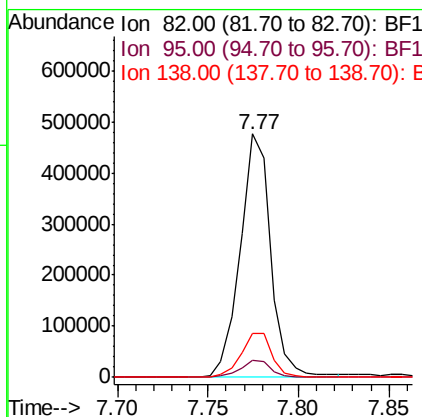
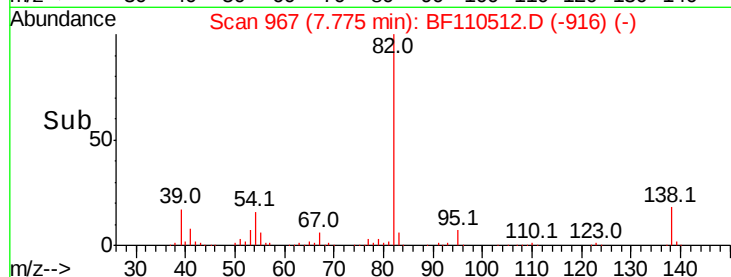
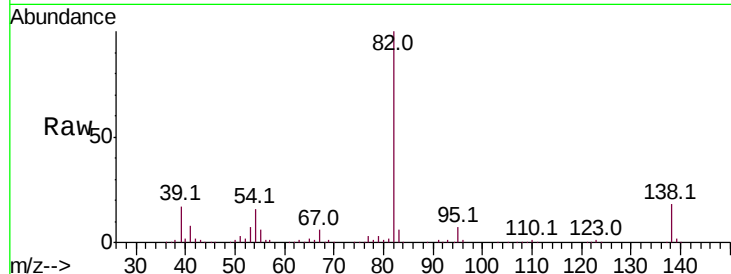
#25
Isophorone
Concen: 46.687 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	17.8	13.2	19.8

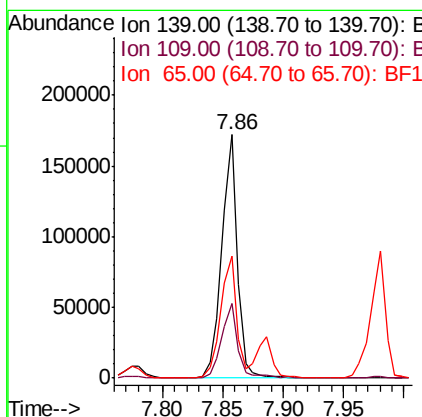
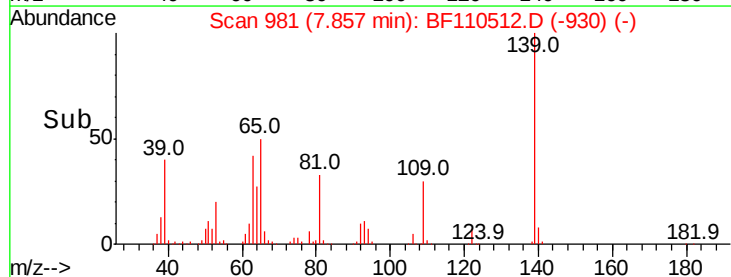
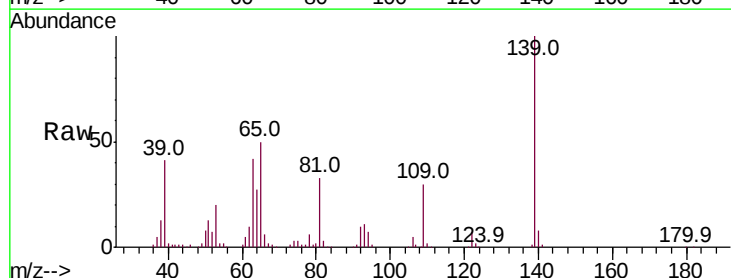
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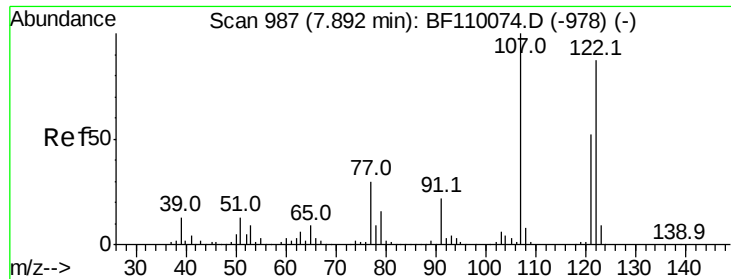
Sohil
11/7/2018 2:54:23 PM



#26
2-Nitrophenol
Concen: 44.127 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.5	25.0	37.6
65	50.3	44.0	66.0





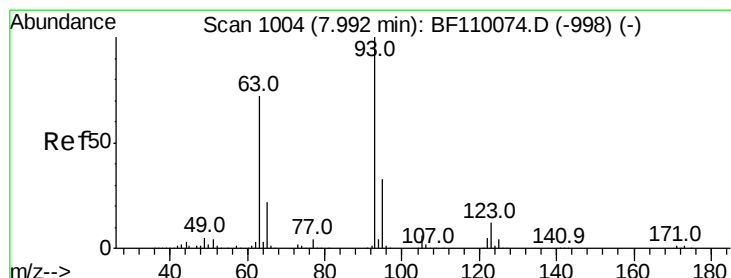
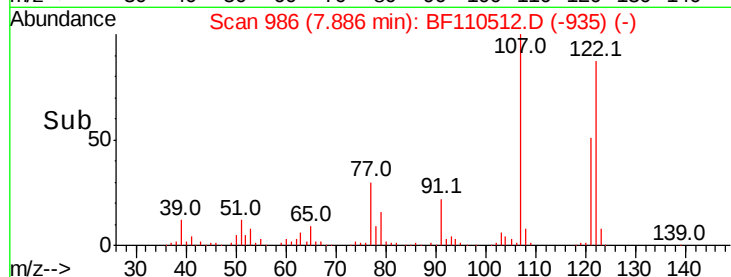
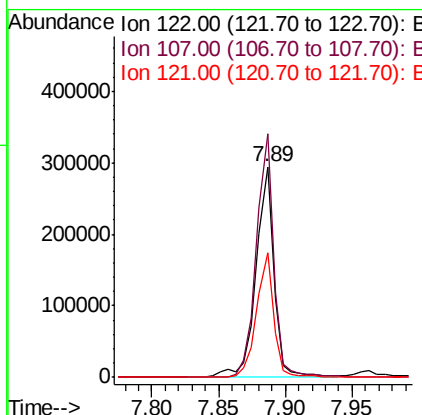
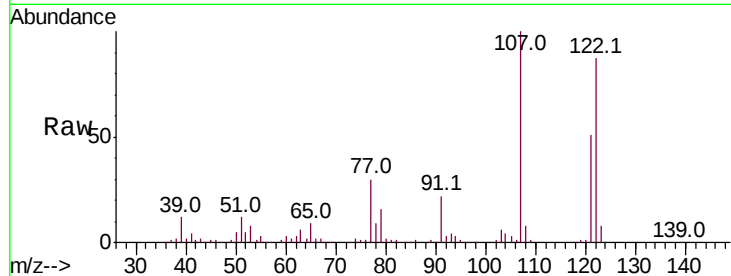
#27
2,4-Dimethylphenol
Concen: 47.540 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :
SP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	272522		
107	115.5	92.5	138.7	
121	58.9	45.8	68.8	

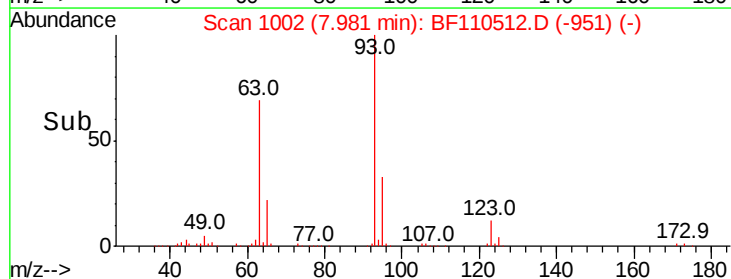
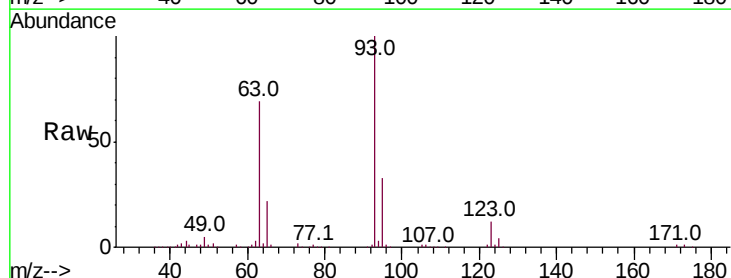
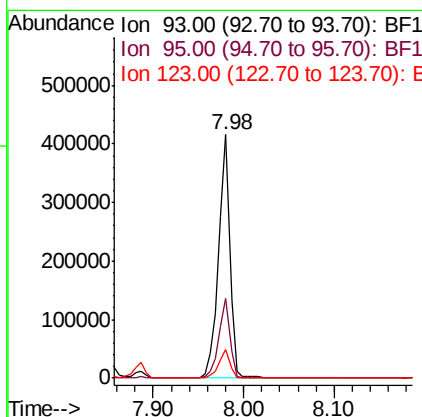
Manual Integrations
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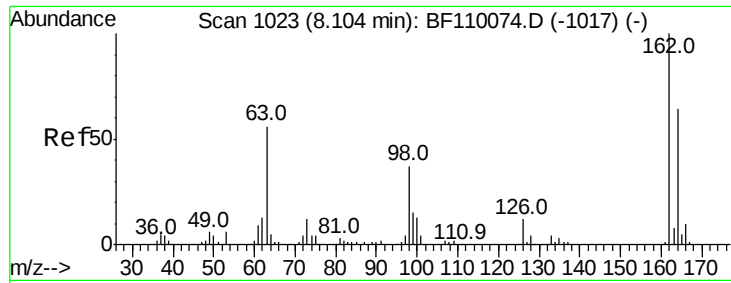
Sohil
11/7/2018 2:54:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.994 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	358532		
95	32.9	26.4	39.6	
123	11.6	9.0	13.6	





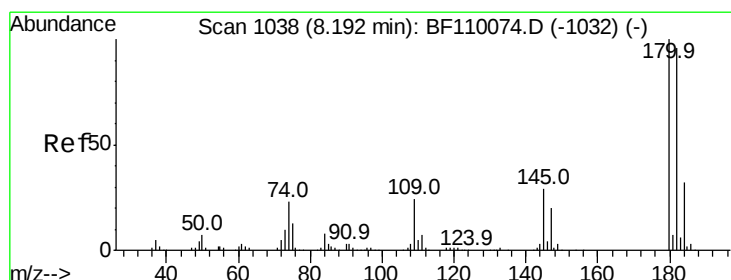
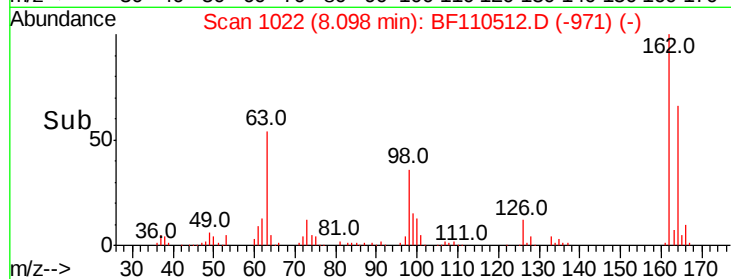
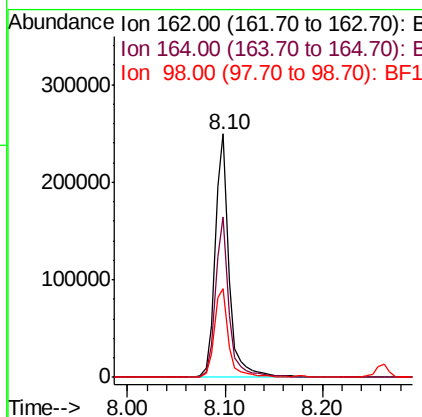
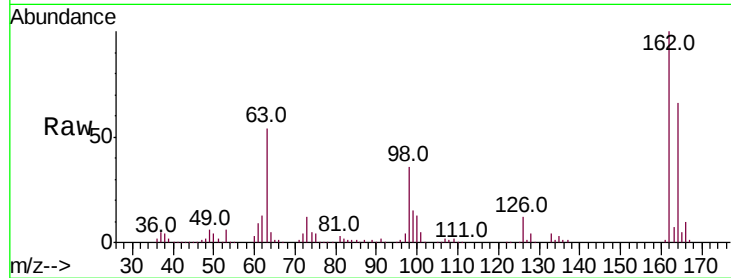
#29
 2,4-Dichlorophenol
 Concen: 42.510 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Tot Ion:	162	Resp:	246191
Ion Ratio	Lower	Upper	
162	100		
164	66.1	44.6	84.6
98	36.3	17.4	57.4

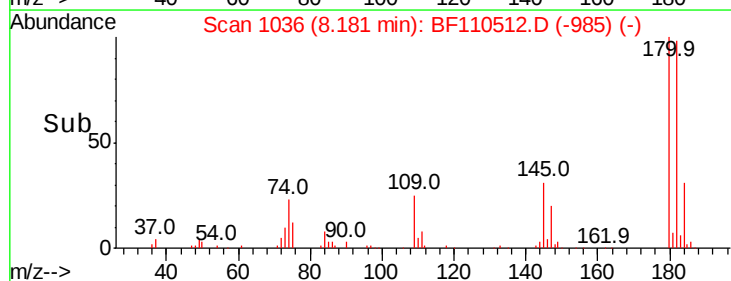
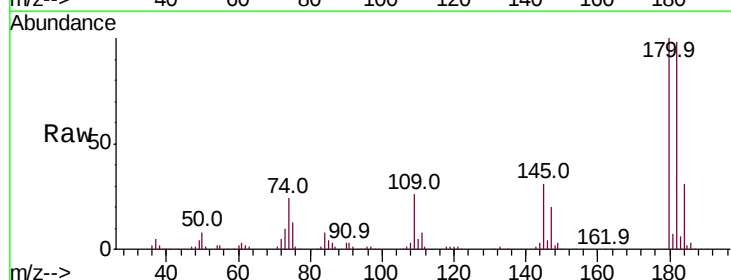
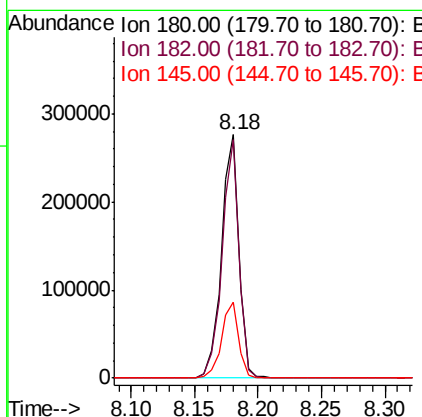
Manual Integrations
 APPROVED

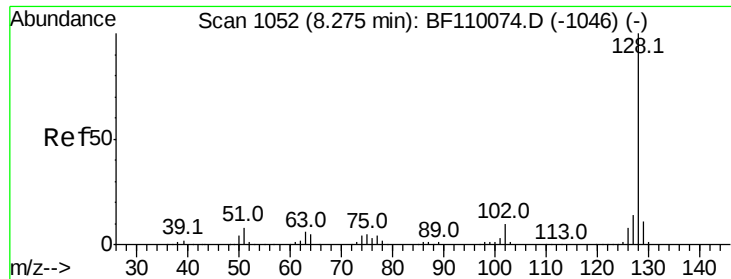
Sohil
 11/7/2018 2:54:23 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.933 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion:	180	Resp:	265536
Ion Ratio	Lower	Upper	
180	100		
182	98.1	80.3	120.5
145	31.4	25.4	38.0





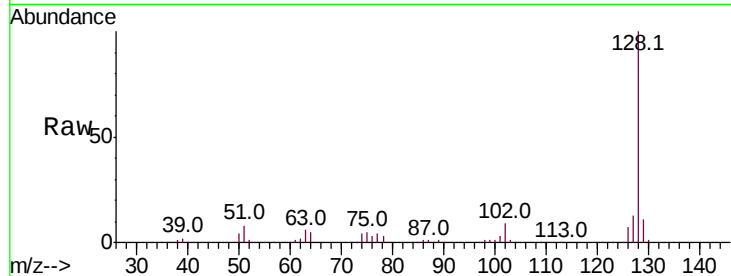
#31
Naphthalene
Concen: 44.250 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :
SP-AMS

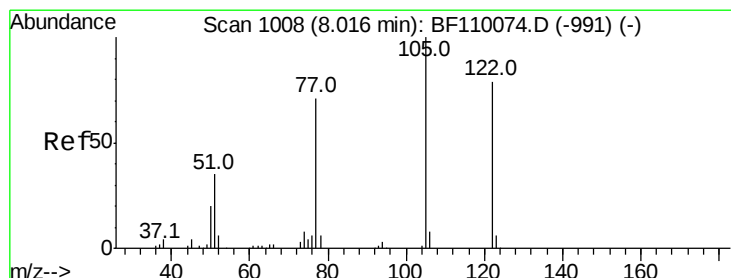
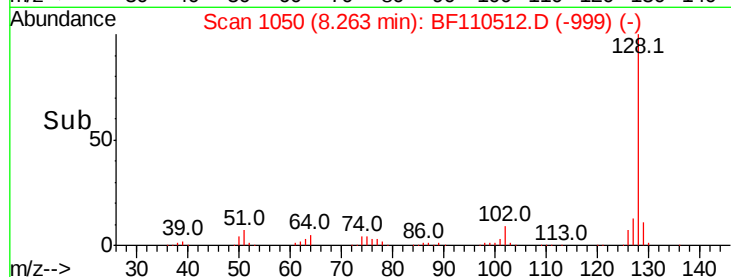
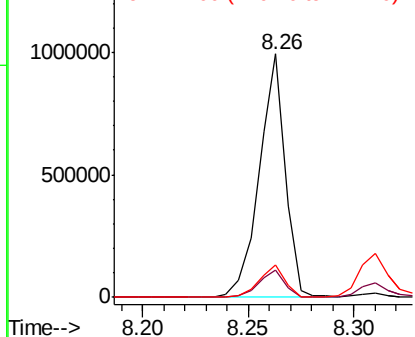
Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.8	16.2

Manual Integrations
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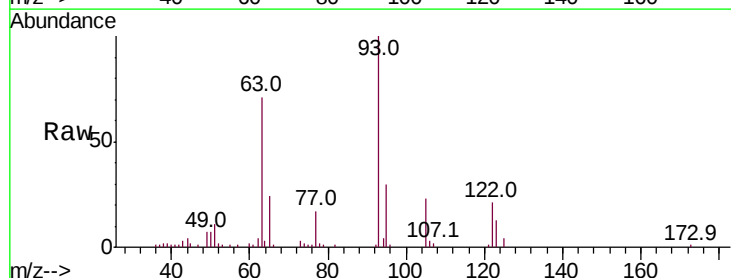


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

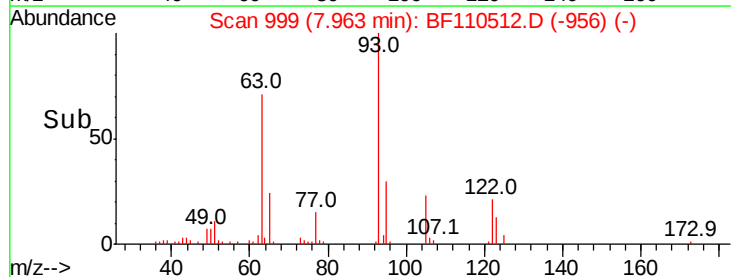
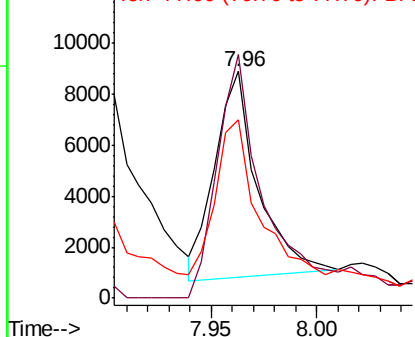


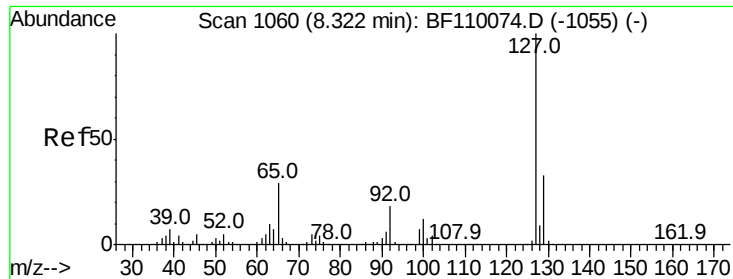
#32
Benzoic acid
Concen: 2.565 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.05 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	107.5	109.0	149.0#
77	78.7	79.0	119.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





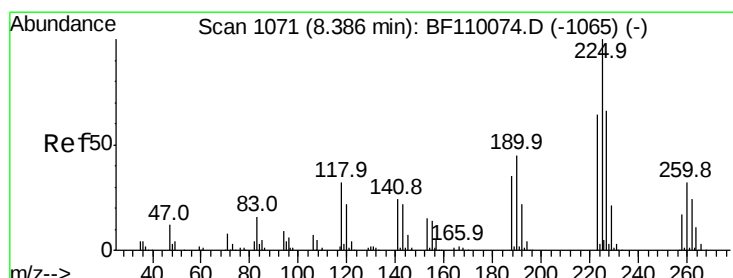
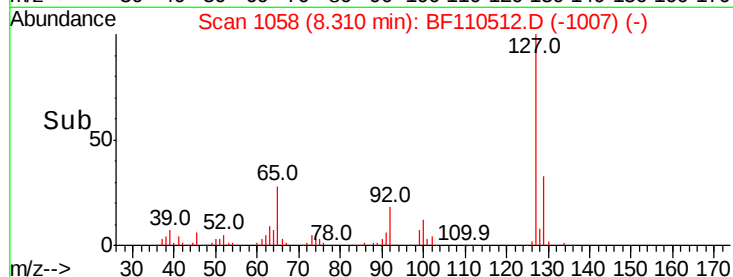
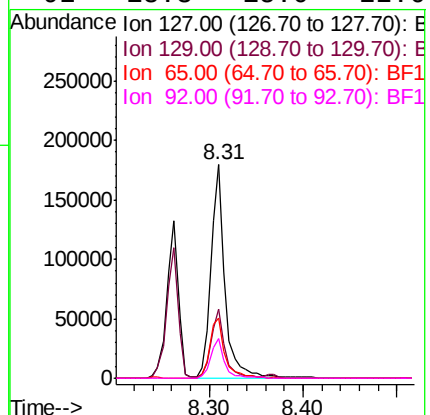
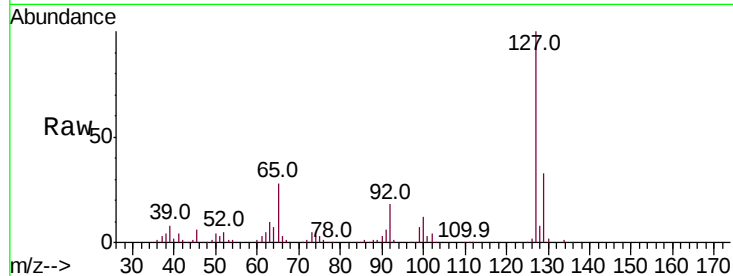
#33
4-Chloroaniline
Concen: 22.059 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.0	39.0		
65	28.5	25.1	37.7		
92	18.3	15.0	22.6		

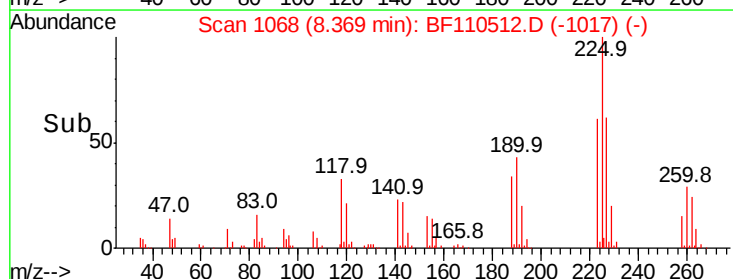
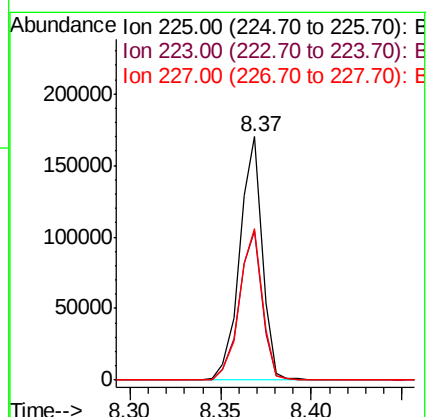
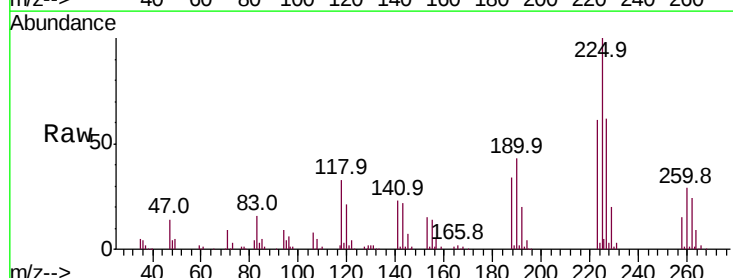
Manual Integrations
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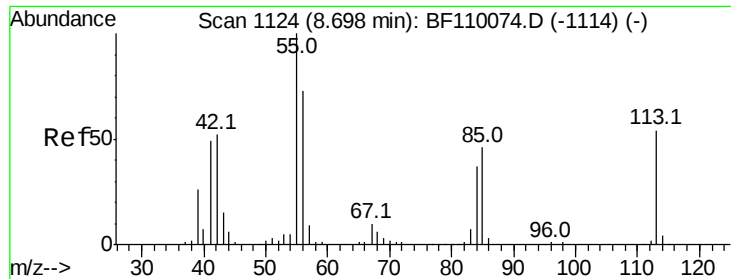
Sohil
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#34
Hexachlorobutadiene
Concen: 40.851 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.3	51.4	77.2		
227	62.3	51.0	76.6		





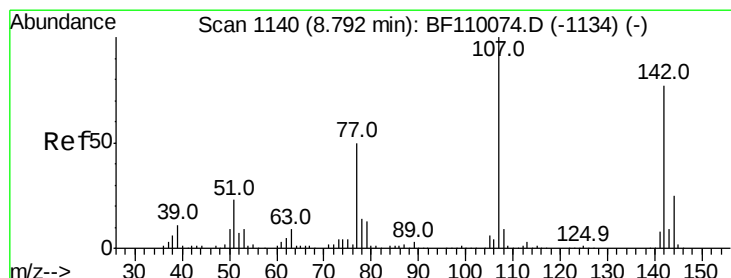
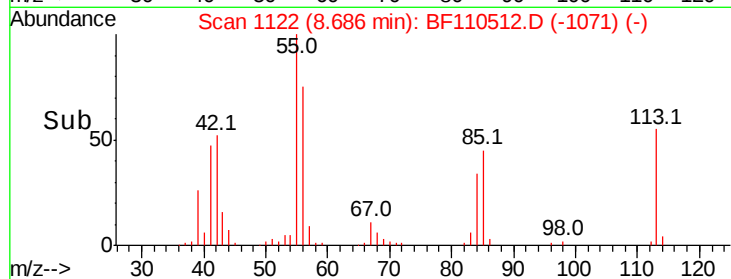
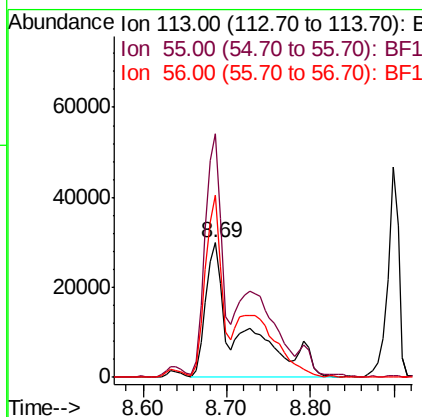
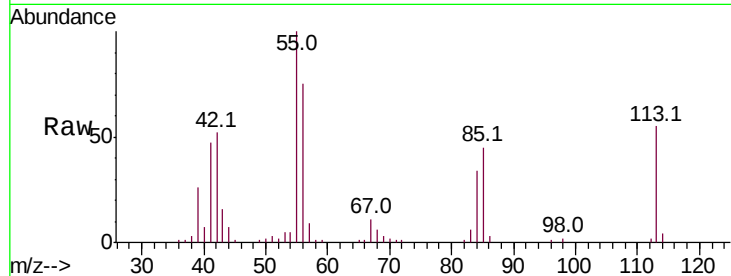
#35
 Caprolactam
 Concen: 41.779 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampled :
 SP-AMS

Tot Ion:113 Resp: 84333
 Ion Ratio Lower Upper
 113 100
 55 181.2 142.8 182.8
 56 135.7 105.0 145.0

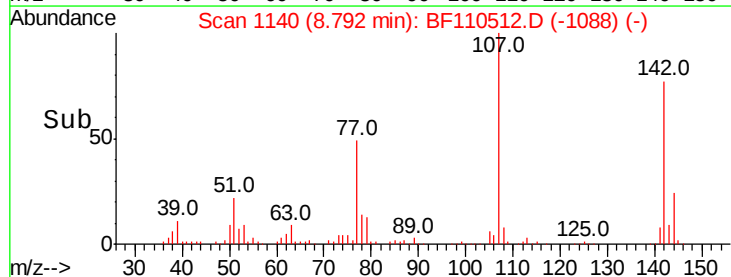
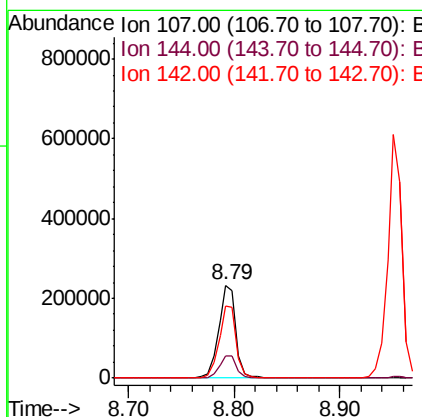
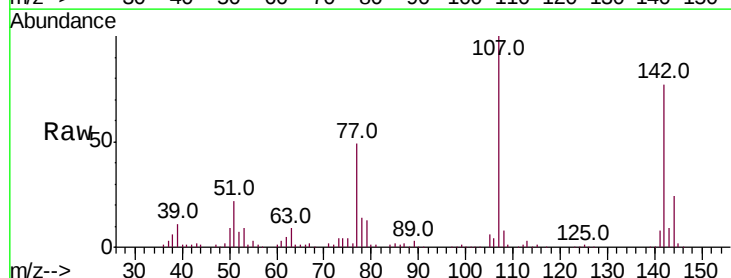
Manual Integrations
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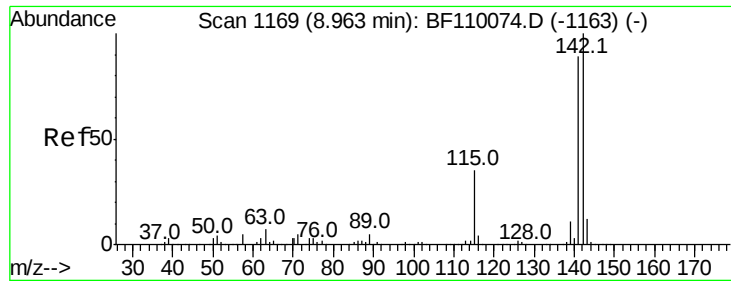
Sohil
 11/7/2018 2:54:23 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.286 ng/ml
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion:107 Resp: 264823
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.0 30.0
 142 76.9 59.7 89.5





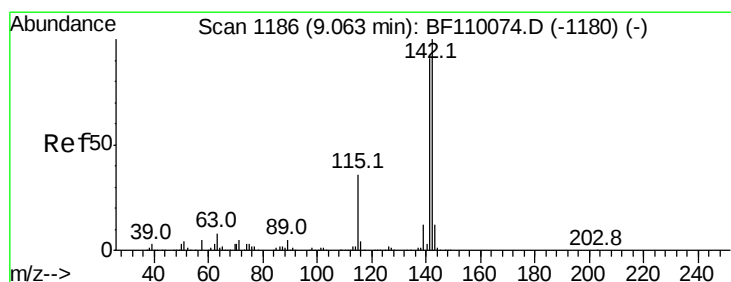
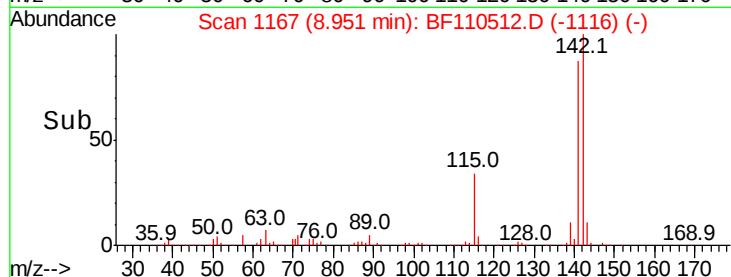
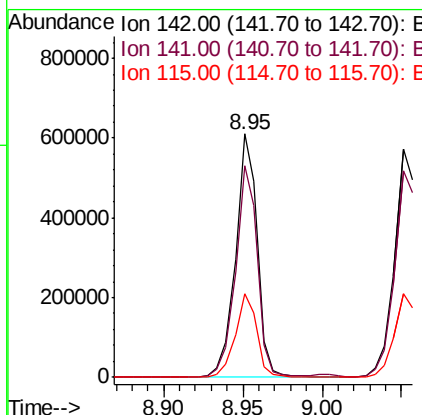
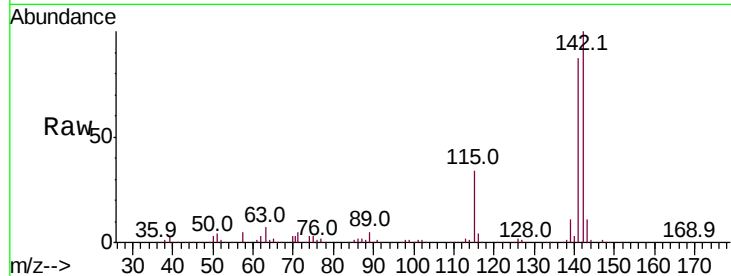
#37
2-Methylnaphthalene
Concen: 45.443 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.4	107.2
115	34.4	28.7	43.1

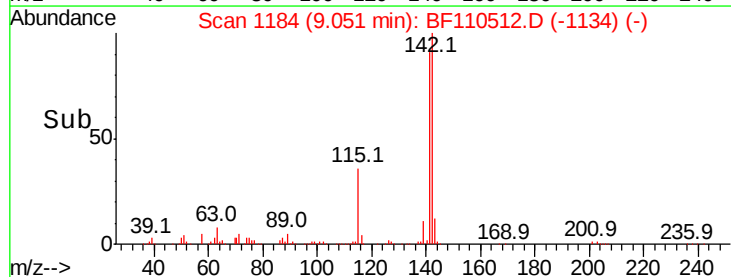
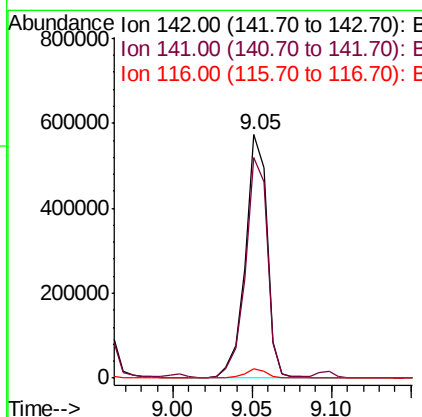
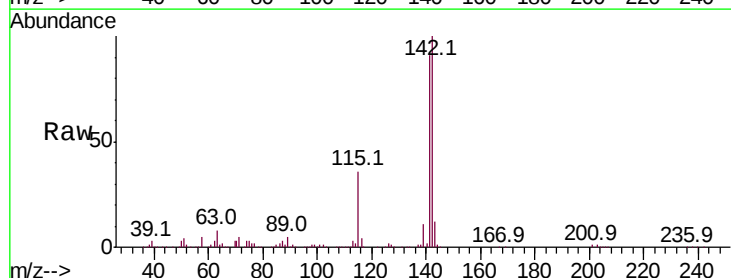
Manual Integrations
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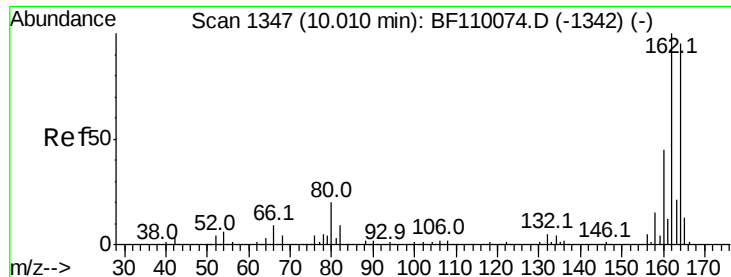
Sohil
11/7/2018 2:54:23 PM



#38
1-Methylnaphthalene
Concen: 43.894 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	74.2	111.4
116	3.9	2.6	4.0





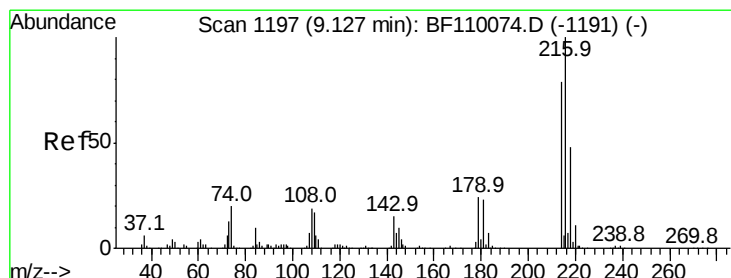
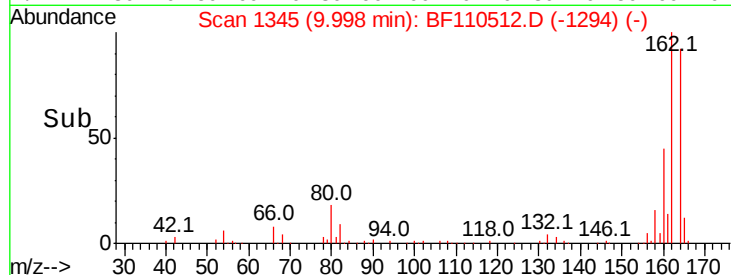
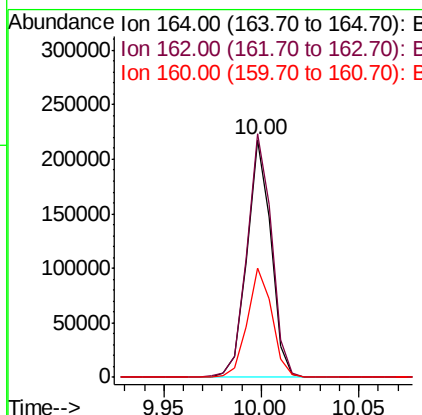
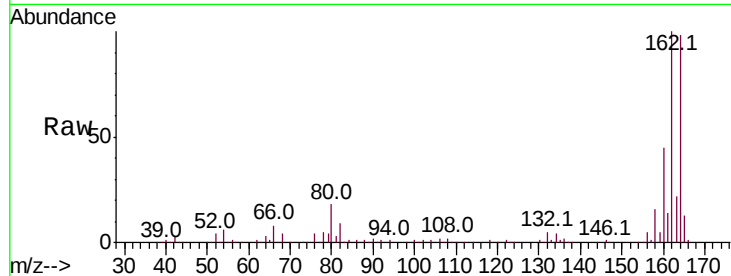
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.0	124.6
160	46.1	37.0	55.6

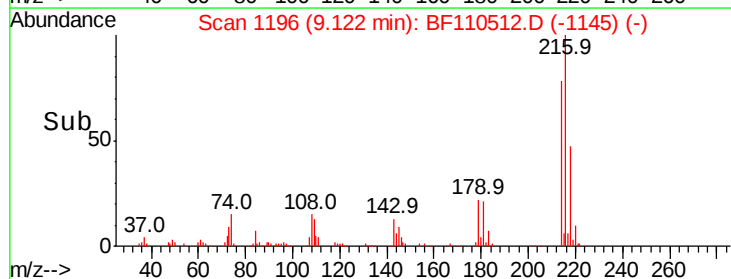
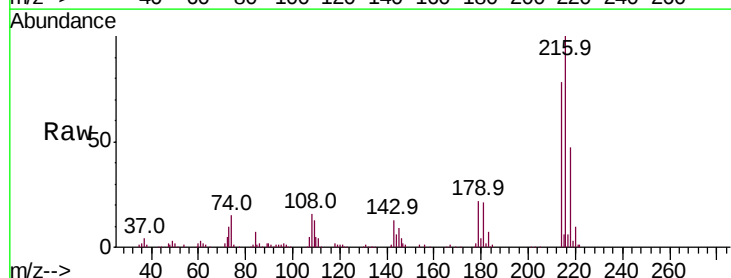
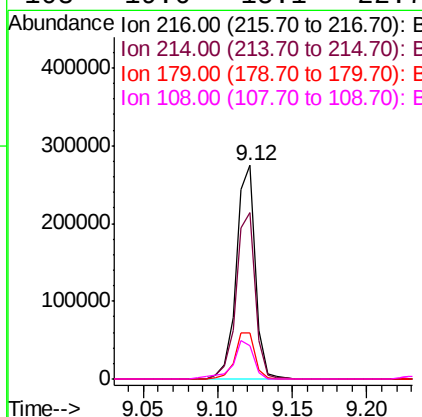
Manual Integrations
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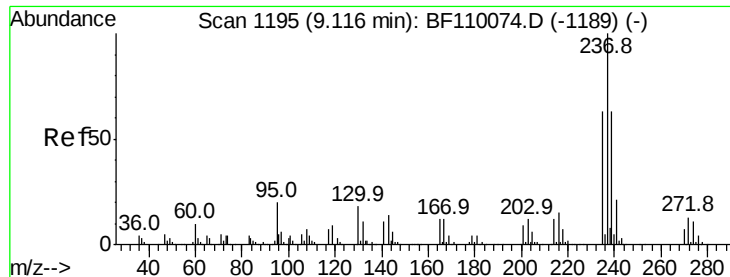
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.407 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	23.0	16.6	25.0
108	19.6	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 31.232 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

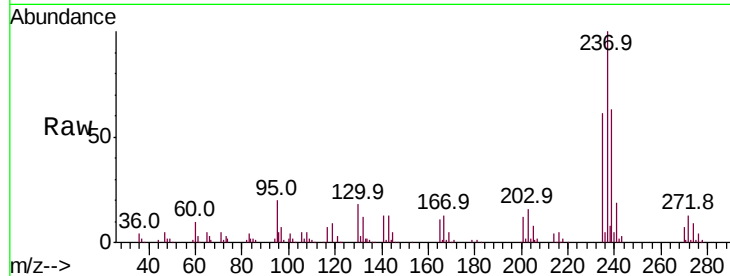
ClientSampled :

SP-AMS

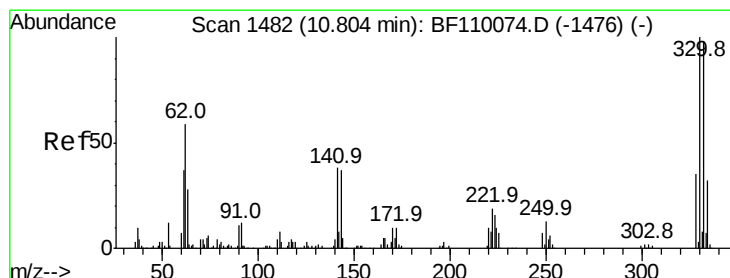
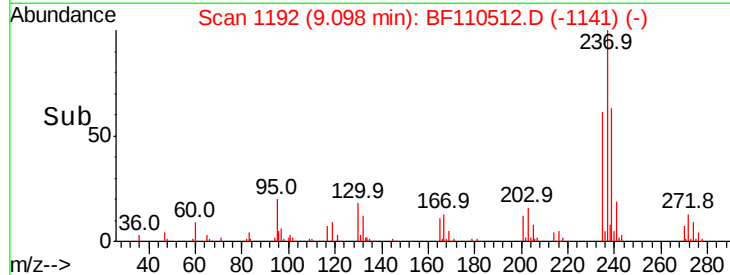
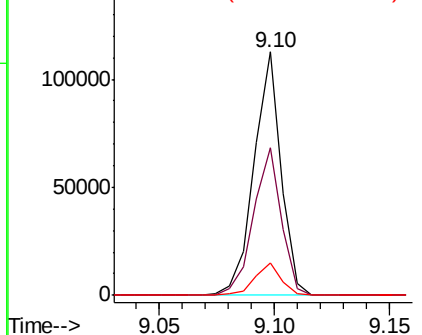
Tot Ion:	237	Resp:	92486
Ion Ratio	Lower	Upper	
237	100		
235	60.9	43.1	83.1
272	13.1	0.0	32.6

Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.473 ng

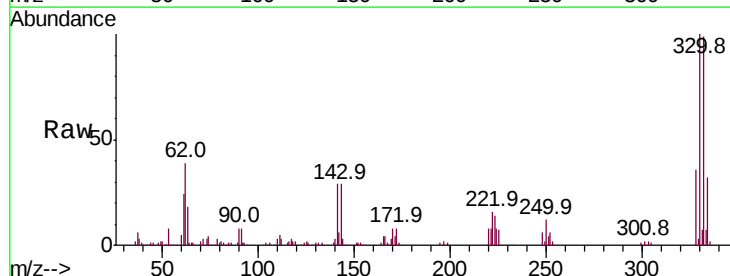
RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

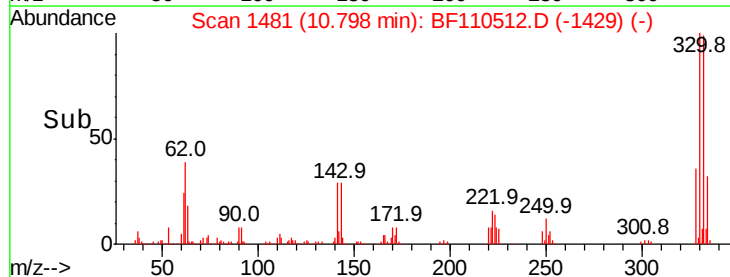
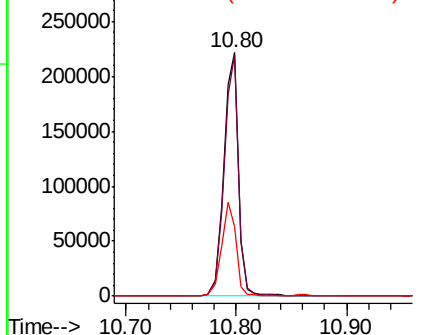
Lab File: BF110512.D

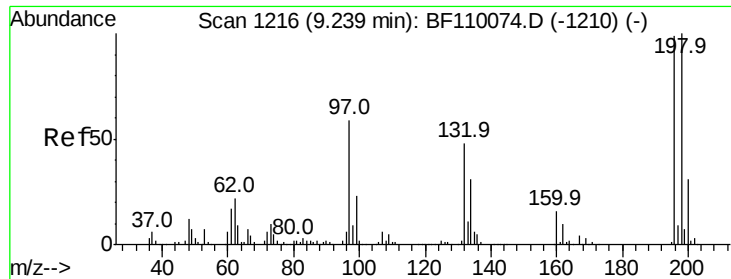
Acq: 6 Nov 2018 13:51

Tgt Ion:	330	Resp:	205235
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.1	115.7
141	37.9	27.0	40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





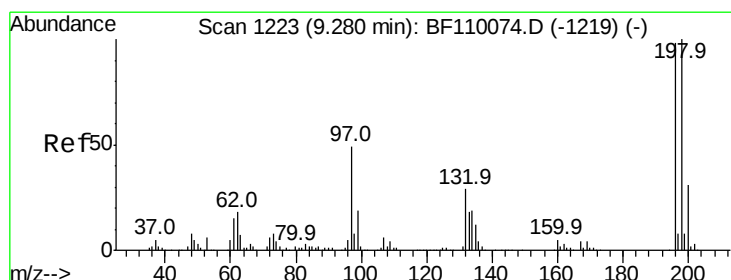
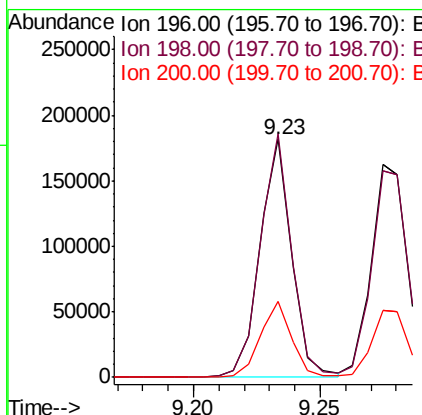
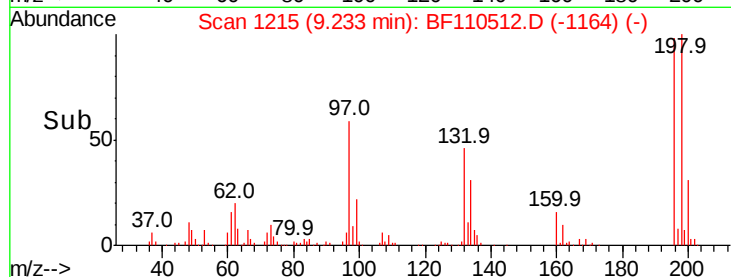
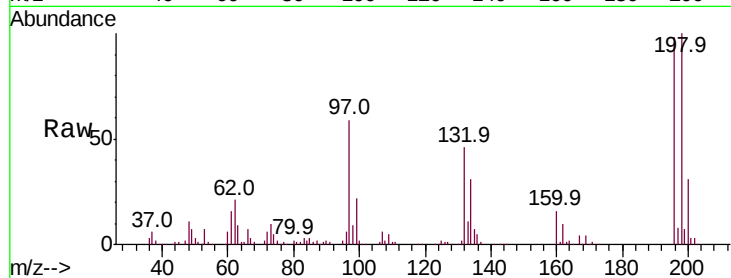
#43
 2,4,6-Trichlorophenol
 Concen: 42.766 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampled :
 SP-AMS

Tot Ion:	196	Resp:	159742
Ion Ratio	Lower	Upper	
196	100		
198	102.2	76.2	114.4
200	32.0	24.4	36.6

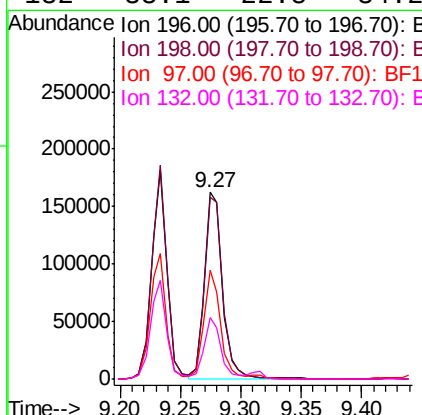
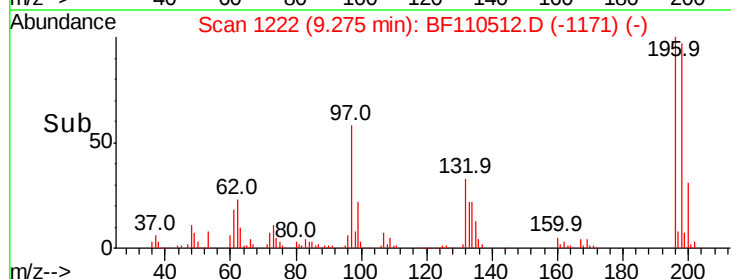
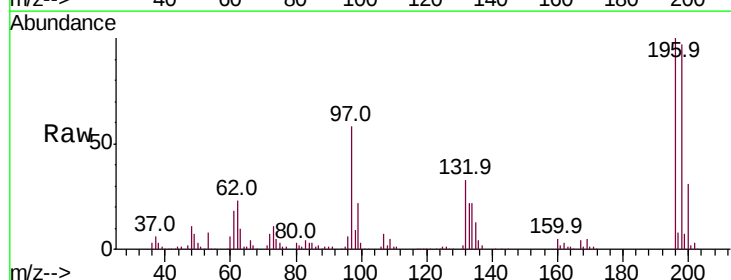
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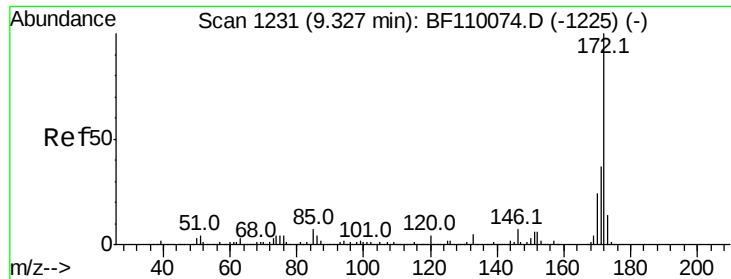
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 42.893 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion:	196	Resp:	169353
Ion Ratio	Lower	Upper	
196	100		
198	97.3	75.8	113.6
97	58.4	42.4	63.6
132	33.1	22.8	34.2





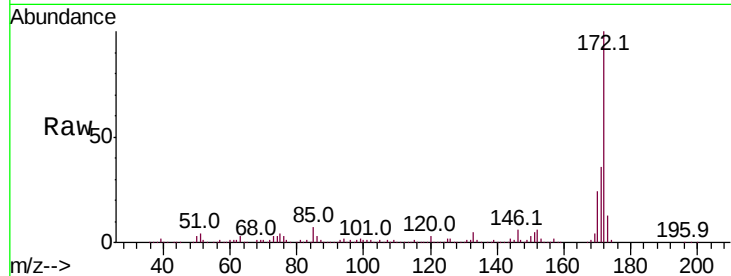
#45
2-Fluorobiphenyl
Concen: 91.498 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.8	19.7	29.5

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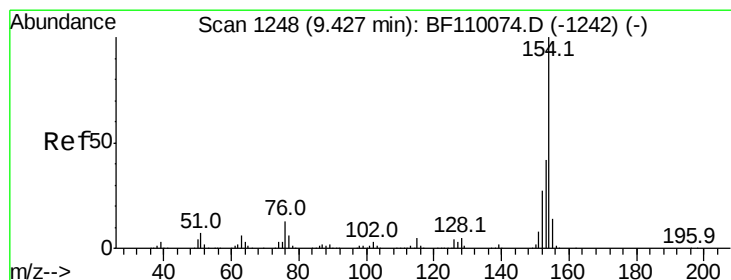
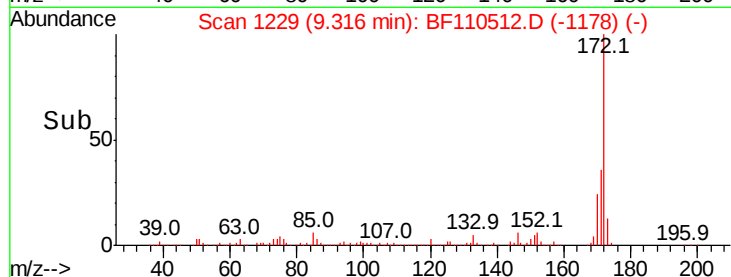
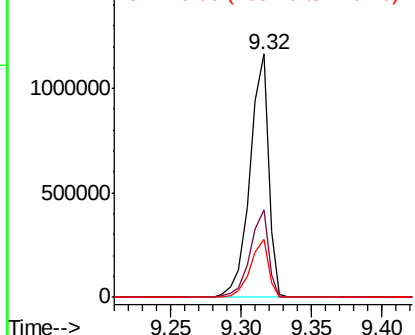


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.859 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

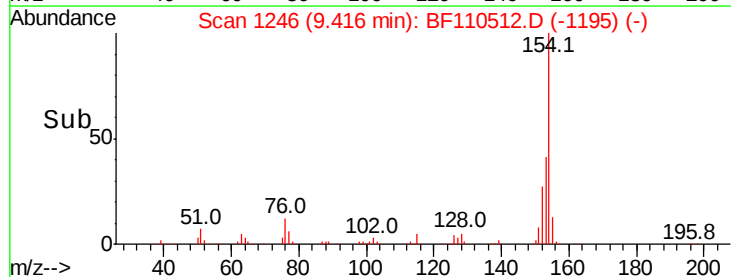
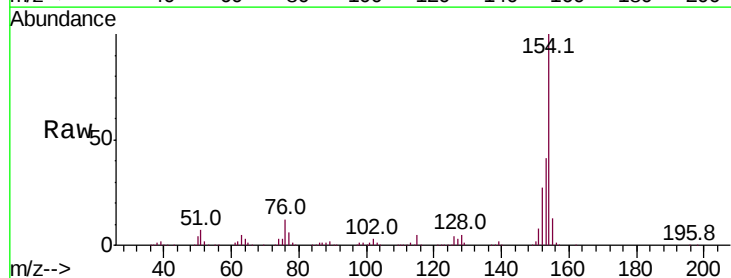
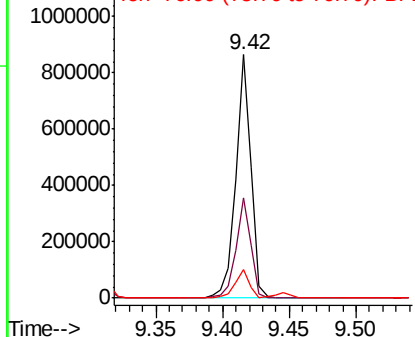
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	11.6	0.0	31.9

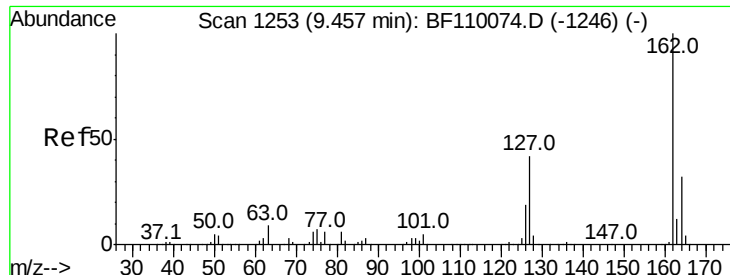
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 41.790 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

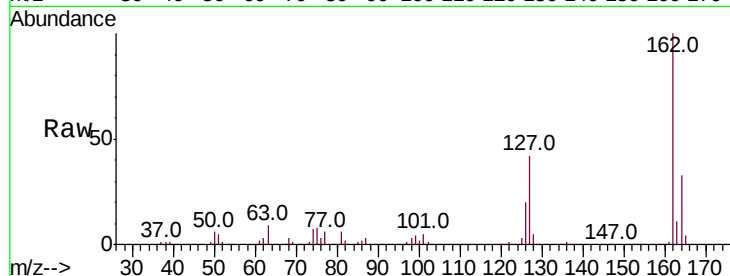
ClientSampleId :

SP-AMS

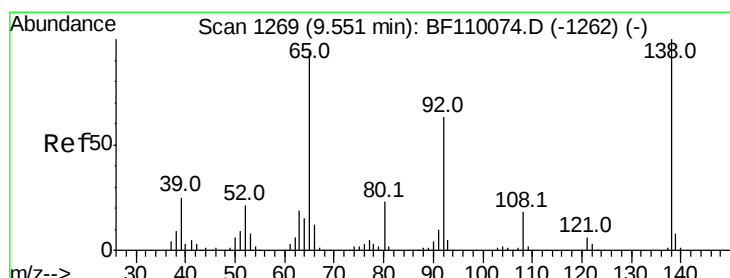
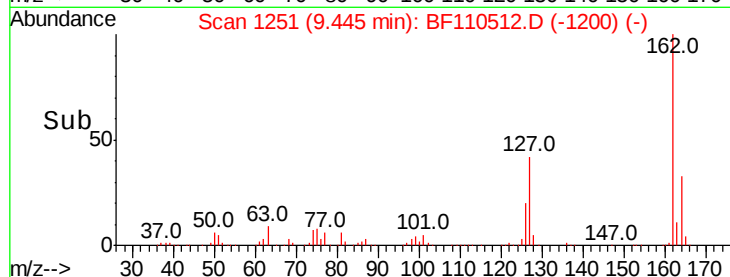
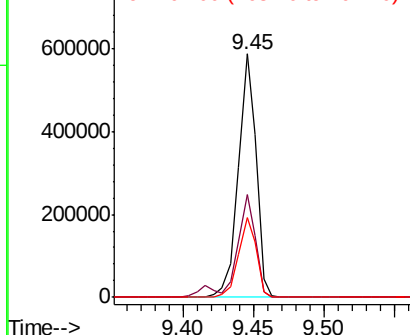
Tot Ion:	162	Resp:	515229
Ion Ratio	Lower	Upper	
162	100		
127	42.4	32.6	48.8
164	33.0	25.9	38.9

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.802 ng

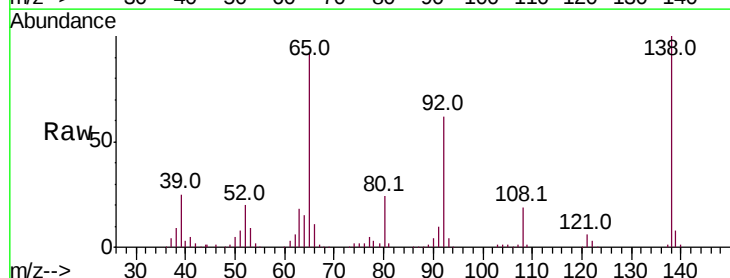
RT: 9.55 min Scan# 1268

Delta R.T. 0.00 min

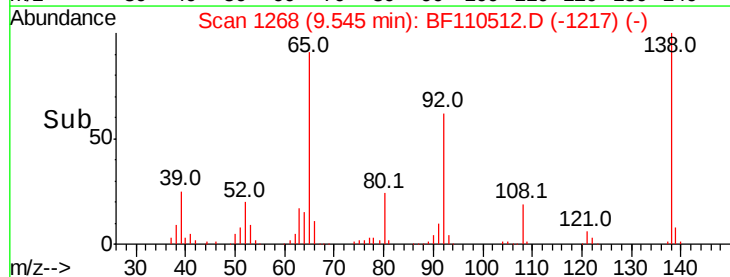
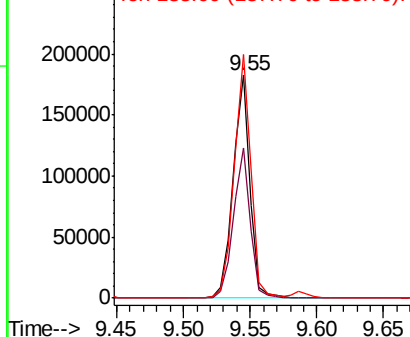
Lab File: BF110512.D

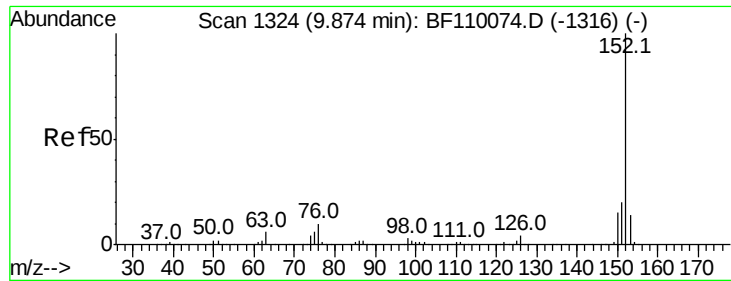
Acq: 6 Nov 2018 13:51

Tgt Ion:	65	Resp:	163646
Ion Ratio	Lower	Upper	
65	100		
92	67.6	54.6	81.8
138	109.2	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





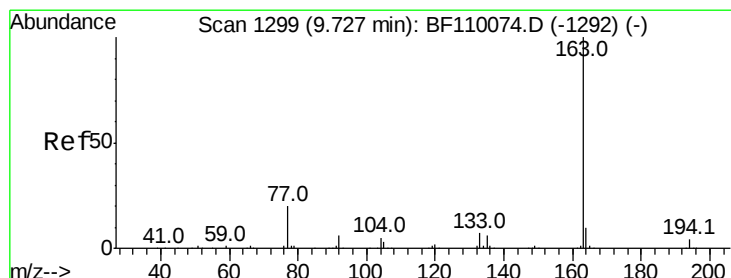
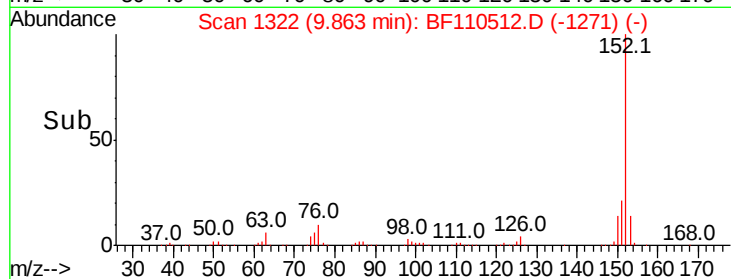
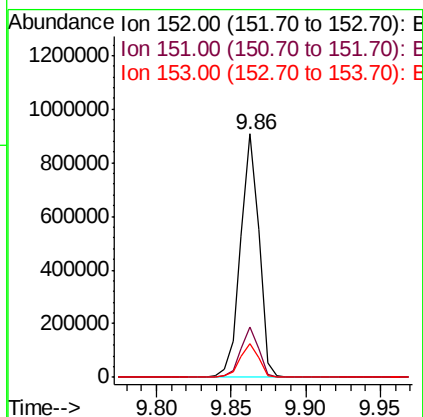
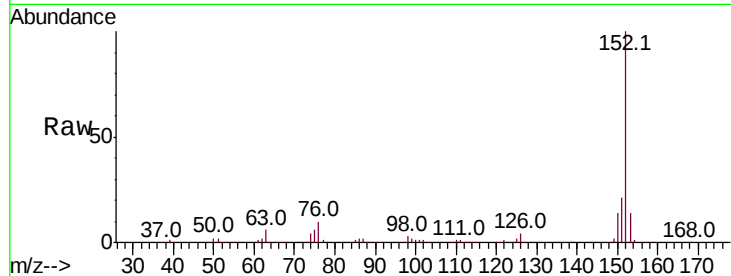
#49
Acenaphthylene
Concen: 44.140 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion:	152	Resp:	786020
Ion Ratio	Lower	Upper	
152	100		
151	20.7	15.8	23.8
153	13.9	10.4	15.6

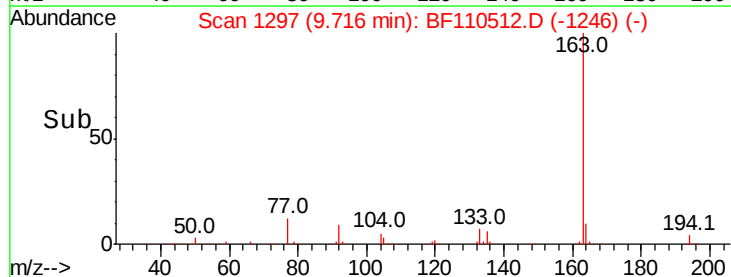
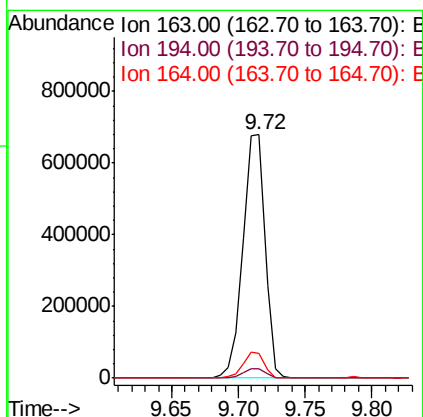
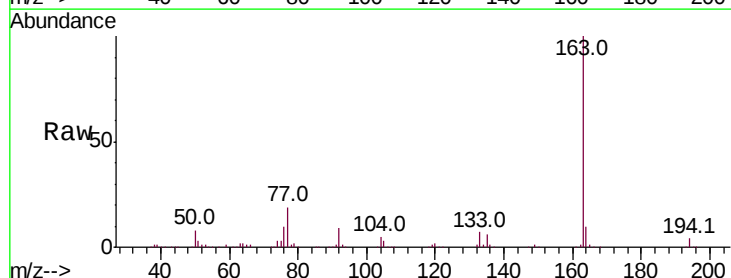
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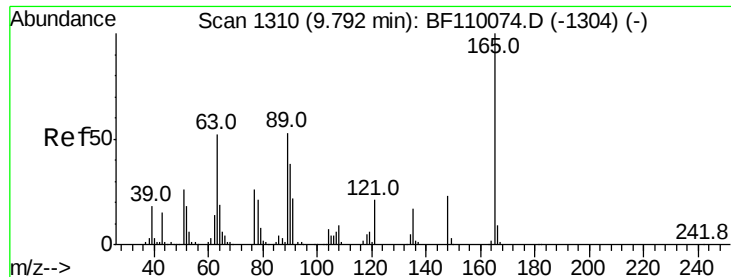
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#50
Dimethylphthalate
Concen: 56.910 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion:	163	Resp:	780813
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.2	4.8
164	10.1	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 42.368 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

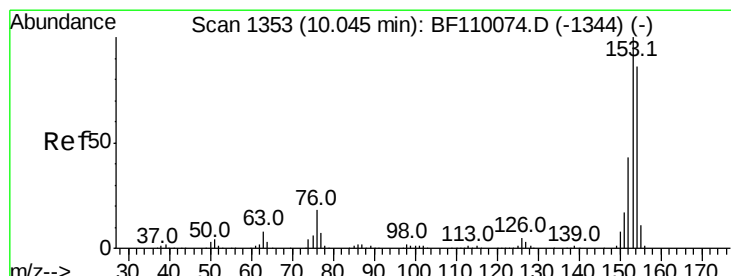
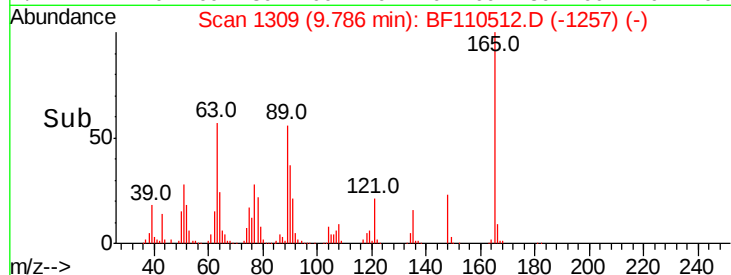
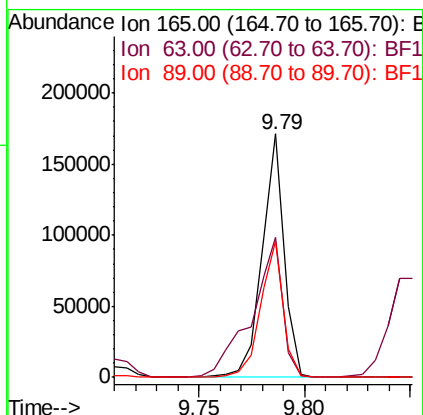
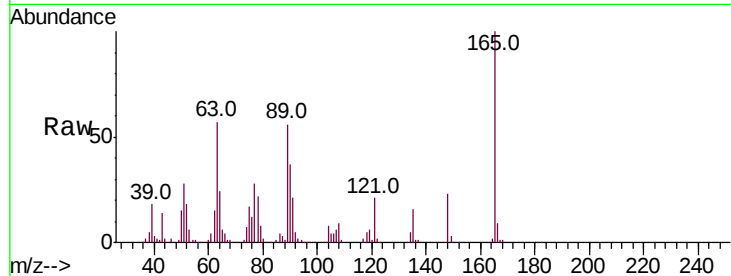
ClientSampled :

SP-AMS

Tot Ion:	165	Resp:	125213
Ion Ratio	Lower	Upper	
165	100		
63	57.3	48.9	73.3
89	55.7	46.6	69.8

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#52

Acenaphthene

Concen: 39.505 ng

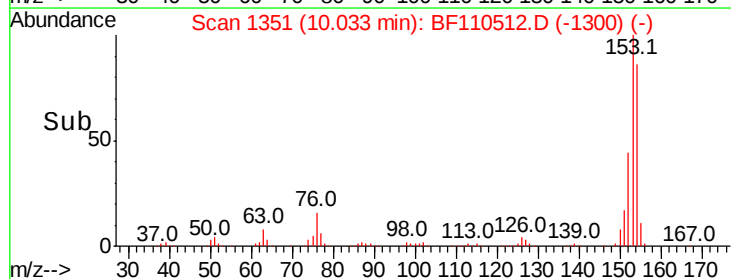
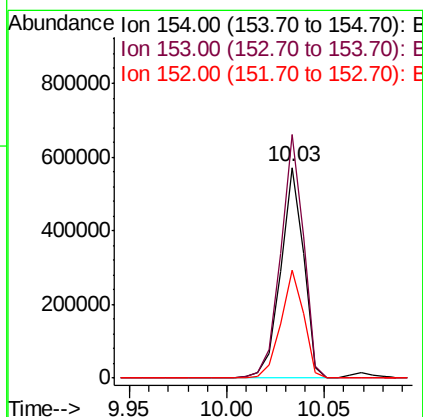
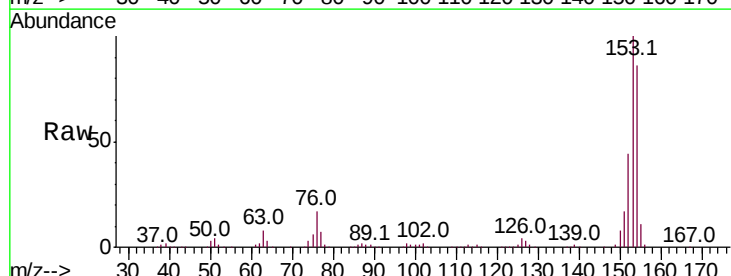
RT: 10.03 min Scan# 1351

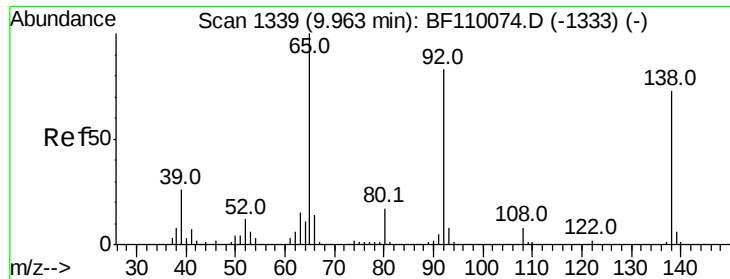
Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Tgt Ion:	154	Resp:	465387
Ion Ratio	Lower	Upper	
154	100		
153	115.7	90.1	135.1
152	51.1	43.4	65.2





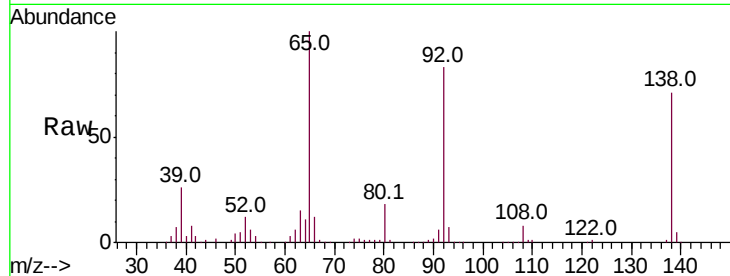
#53
3-Nitroaniline
Concen: 31.504 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :
SP-AMS

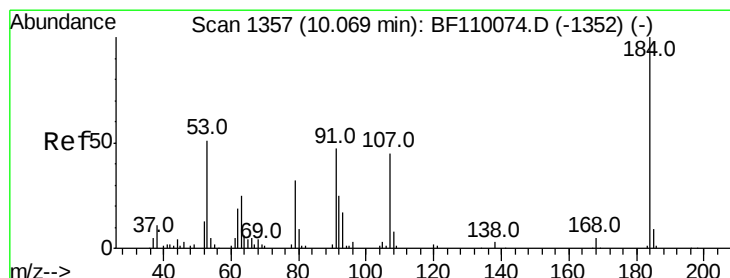
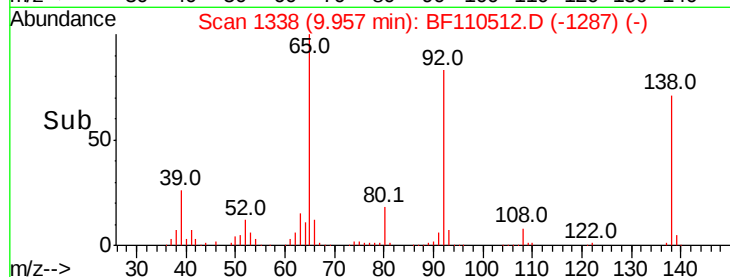
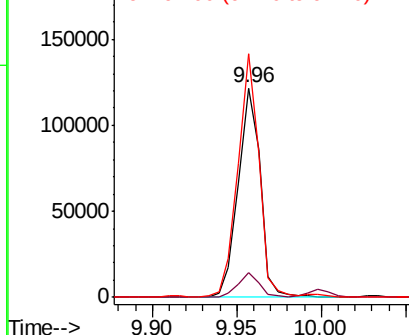
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.7	13.1
92	116.2	97.0	145.4

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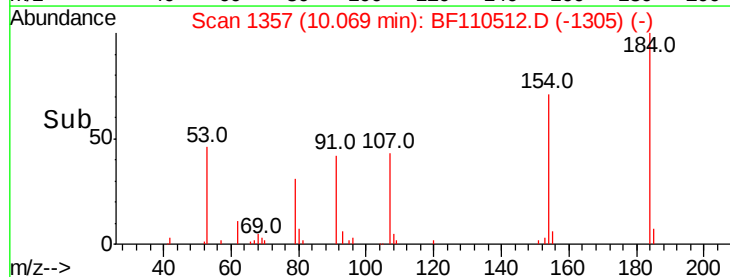
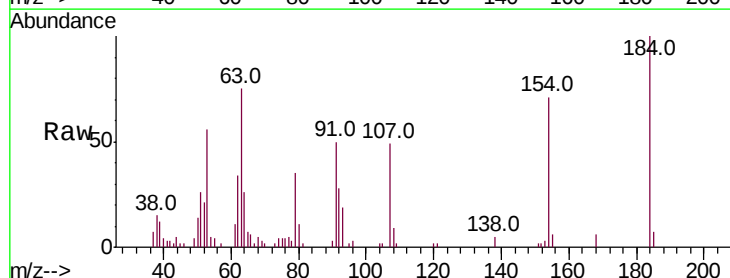
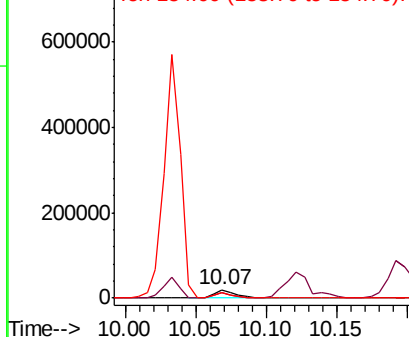
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

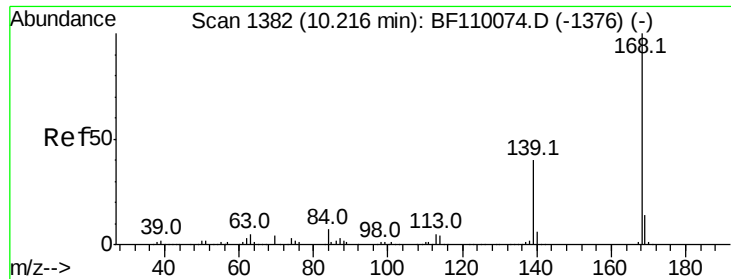


#54
2,4-Dinitrophenol
Concen: 21.080 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.6	55.8	83.6
154	70.9	63.2	94.8

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





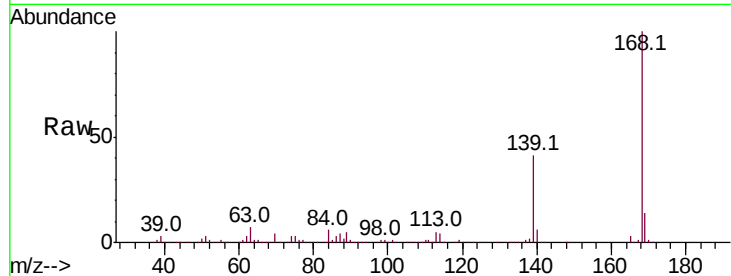
#55
Dibenzenofuran
Concen: 40.811 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :
SP-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	33.0	49.6
169	13.9	11.3	16.9

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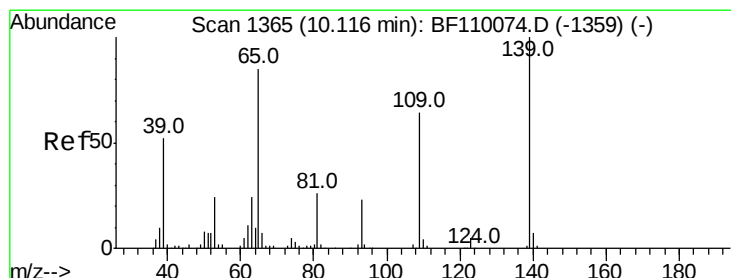
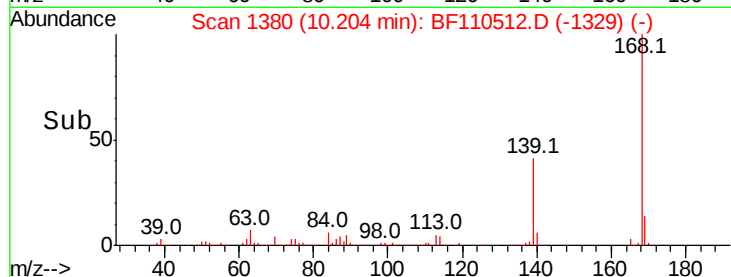
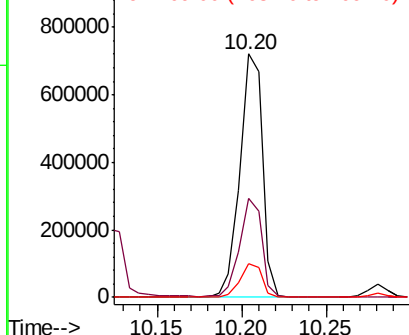


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 90.494 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

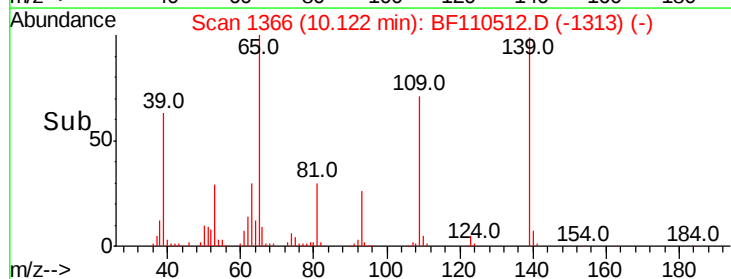
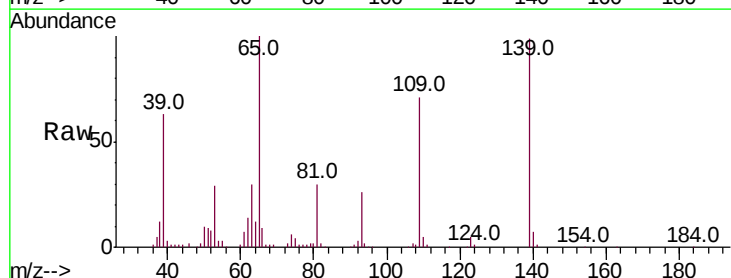
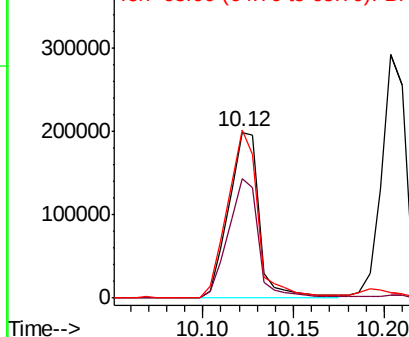
Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.4	55.8	95.8
65	101.5	77.9	117.9

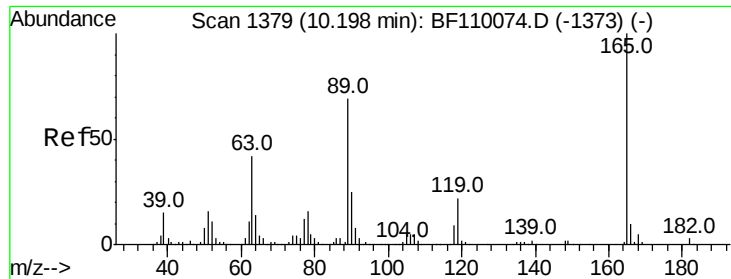
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





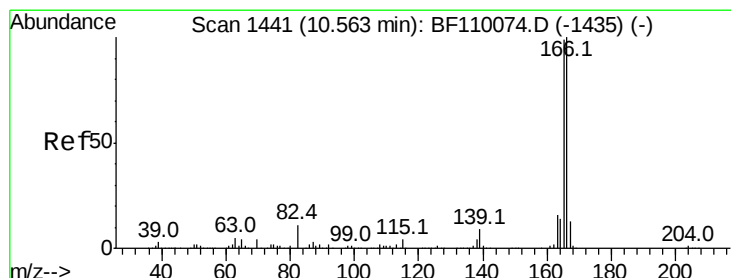
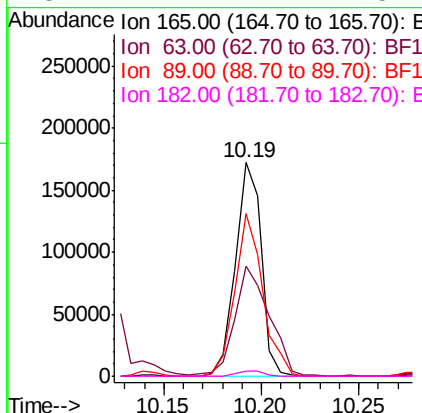
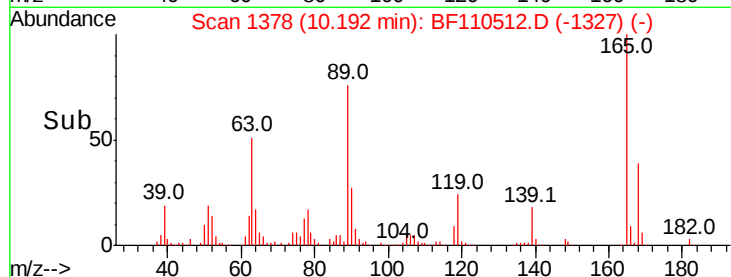
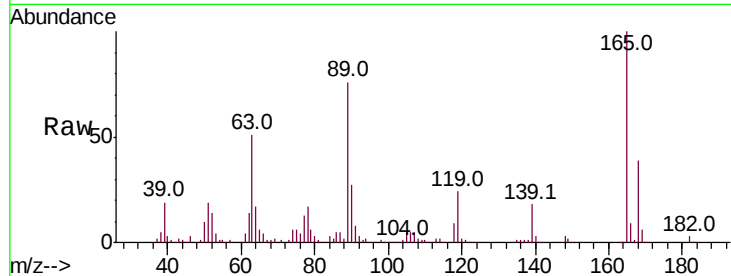
#57
2,4-Dinitrotoluene
Concen: 42.112 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :
SP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.3	44.8	67.2	
89	76.1	62.2	93.4	
182	2.7	2.1	3.1	

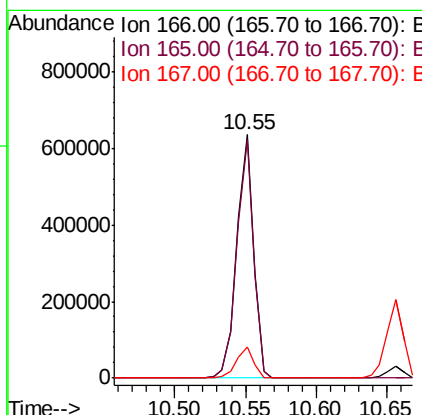
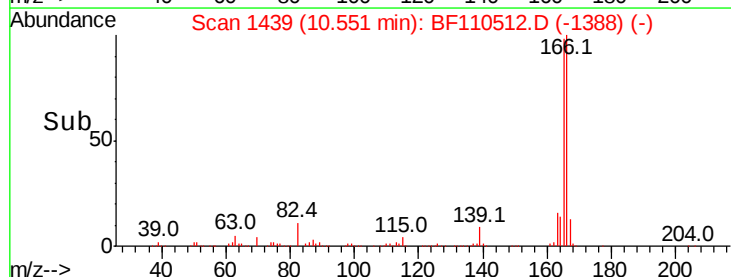
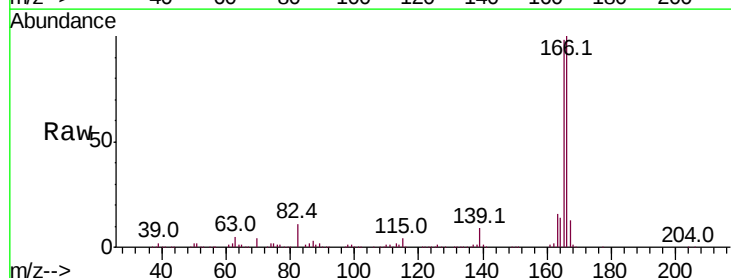
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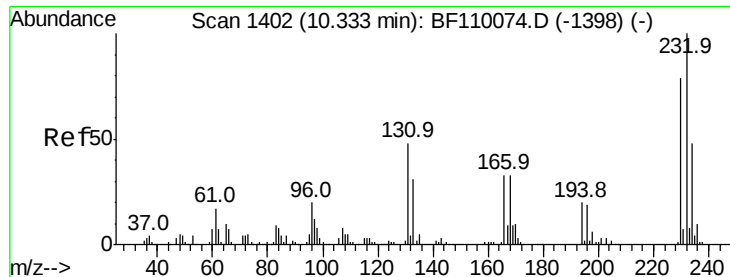
Sohil
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#58
Fluorene
Concen: 42.997 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.1	78.6	117.8	
167	12.9	10.8	16.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.861 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampled :

SP-AMS

Tot Ion:232 Resp: 125062

Ion Ratio Lower Upper

232 100

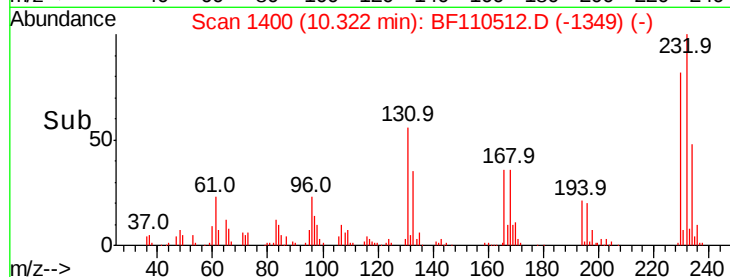
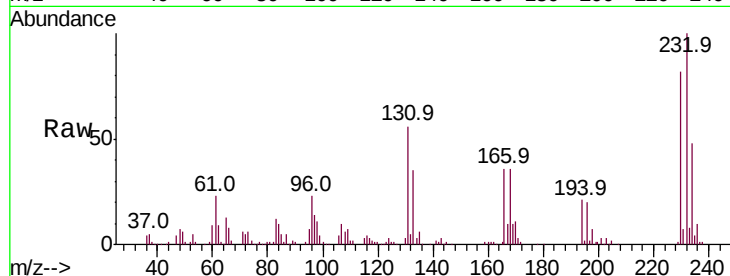
131 50.5 37.0 55.4

130 2.4 1.8 2.6

166 33.9 22.0 33.0#

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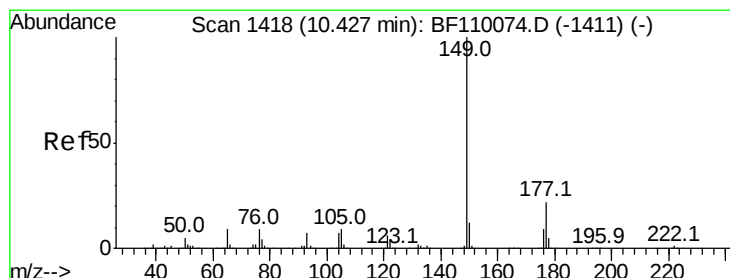
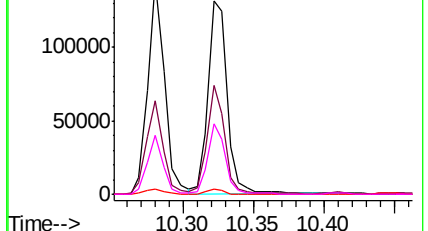


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.289 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

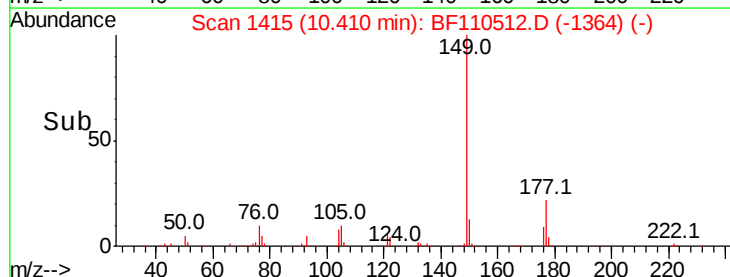
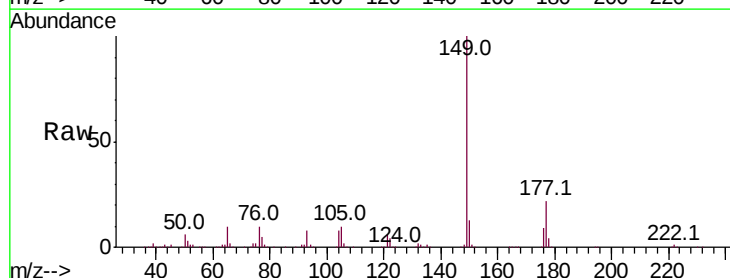
Tgt Ion:149 Resp: 579767

Ion Ratio Lower Upper

149 100

177 21.6 17.4 26.2

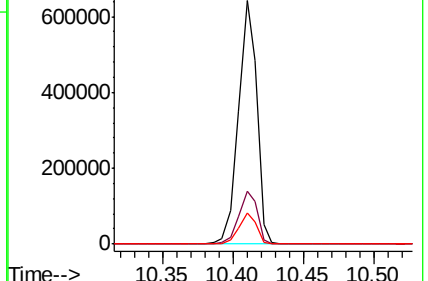
150 12.6 9.8 14.8

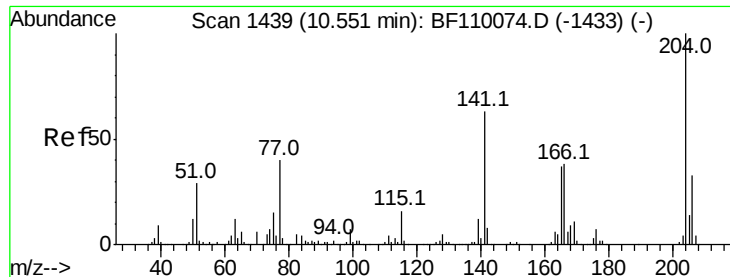


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





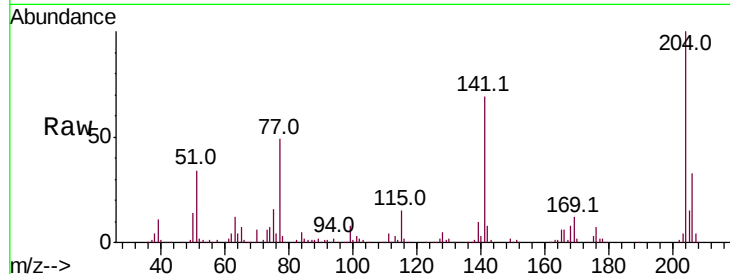
#61
4-Chlorophenyl-phenylether
Concen: 39.990 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :
SP-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	69.5	51.8	77.8

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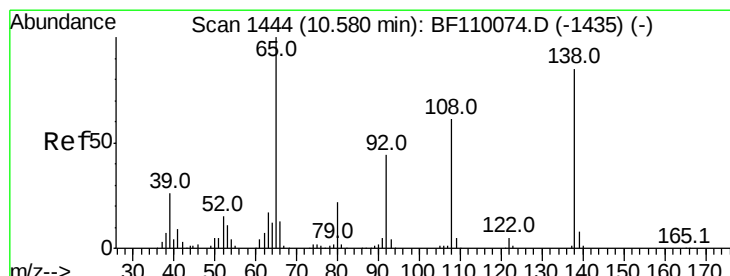
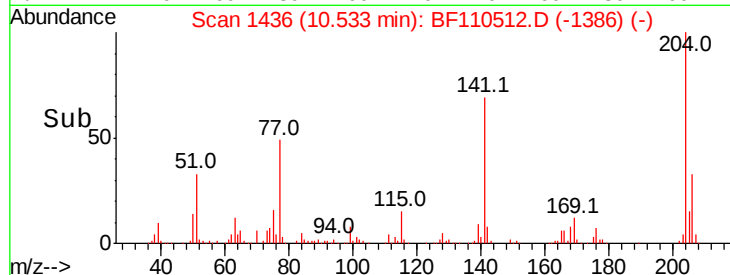
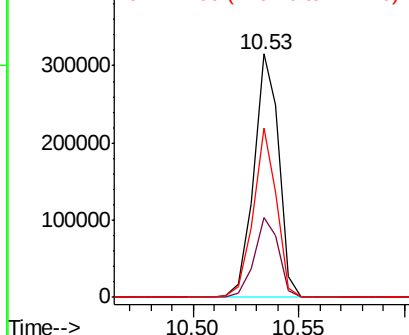


Abundance

Ion 204.00 (203.70 to 204.70): E

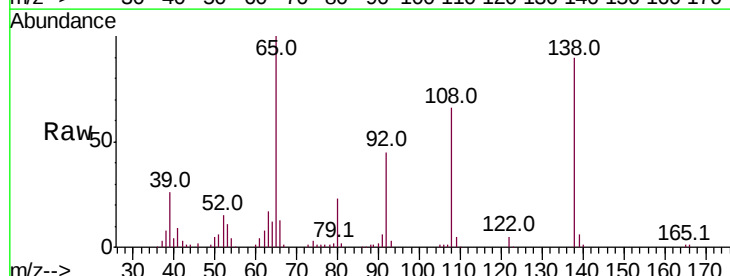
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.690 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.7	71.7
108	74.1	59.3	99.3

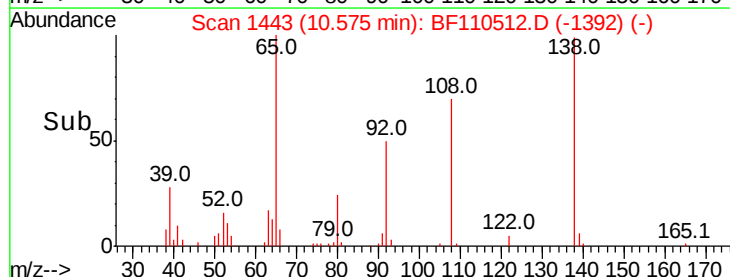
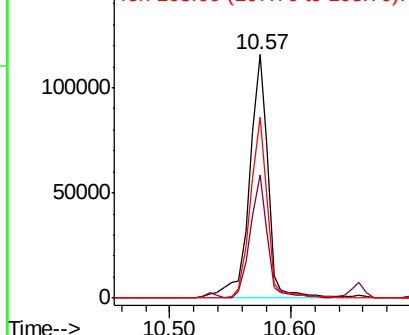


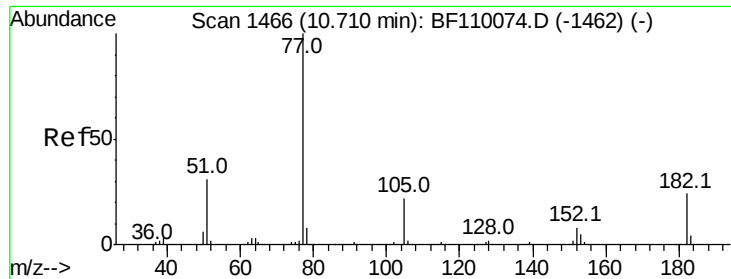
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





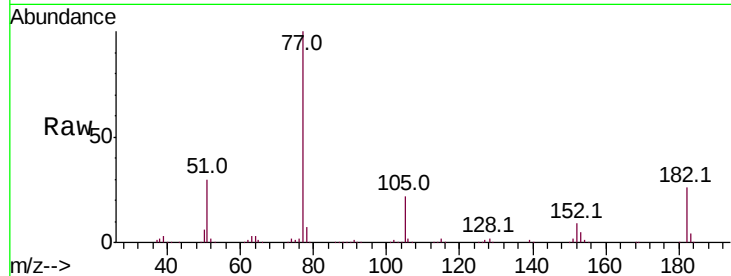
#63
Azobenzene
Concen: 40.741 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :
SP-AMS

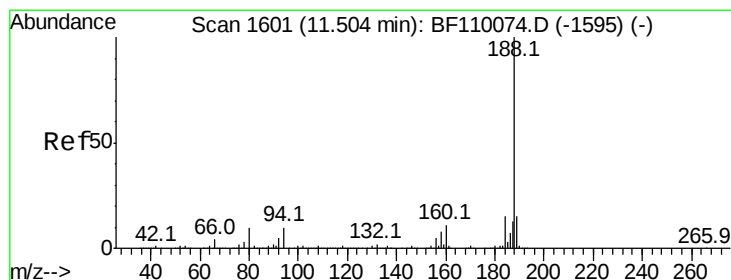
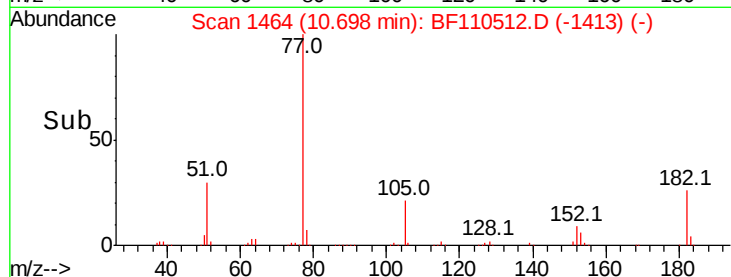
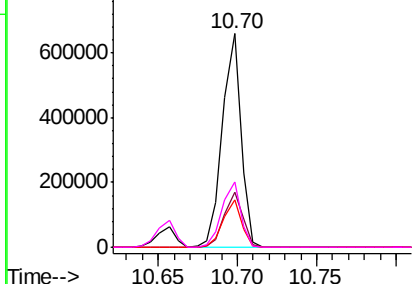
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.1	4.3	44.3		
105	22.1	1.3	41.3		
51	30.5	9.0	49.0		

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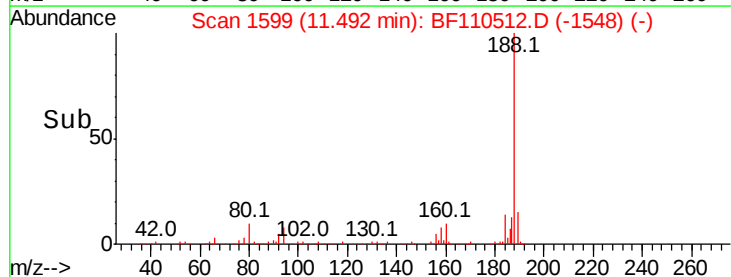
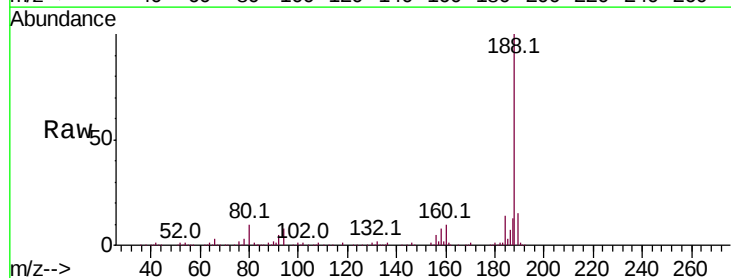
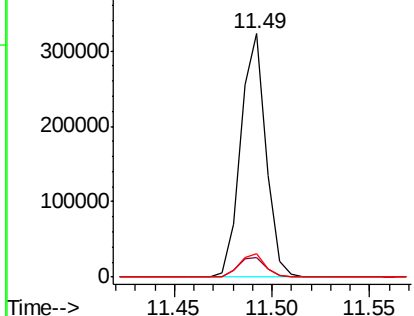
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

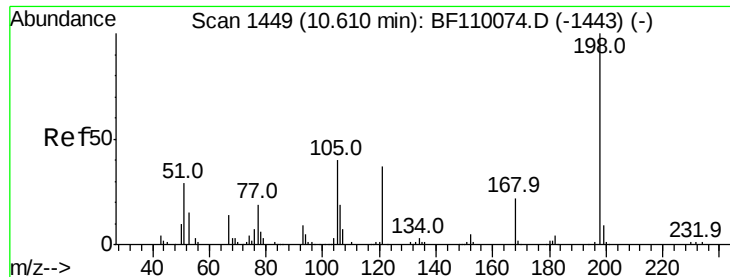


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.2	7.2	10.8		
80	9.7	7.9	11.9		

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





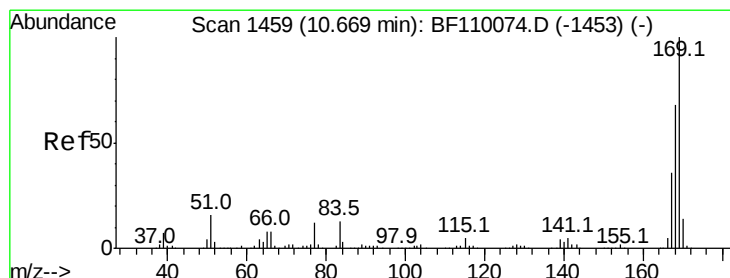
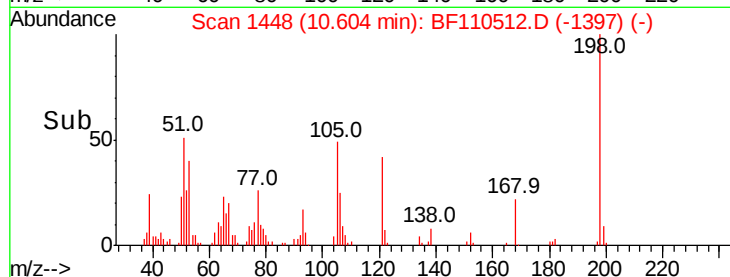
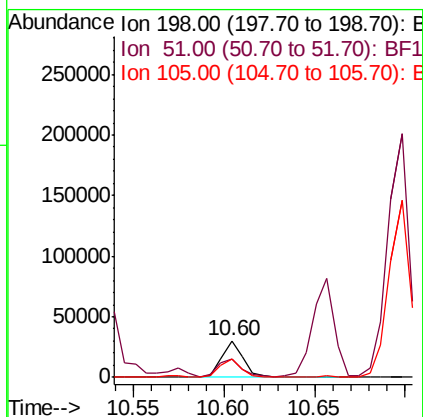
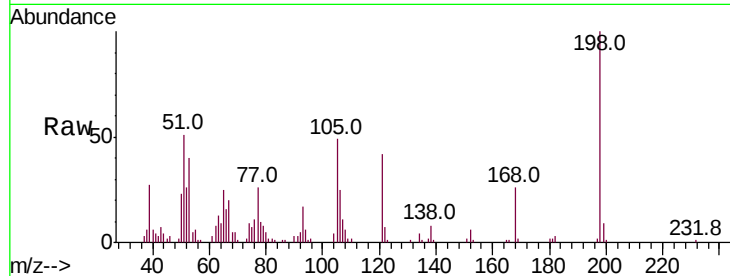
#65
4,6-Dinitro-2-methylphenol
Concen: 19.285 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :
SP-AMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.4	22.8	62.8
105	48.8	23.6	63.6

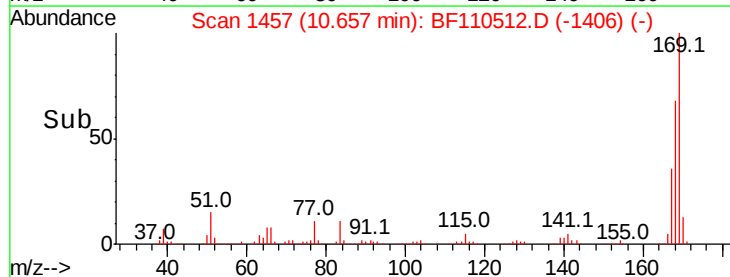
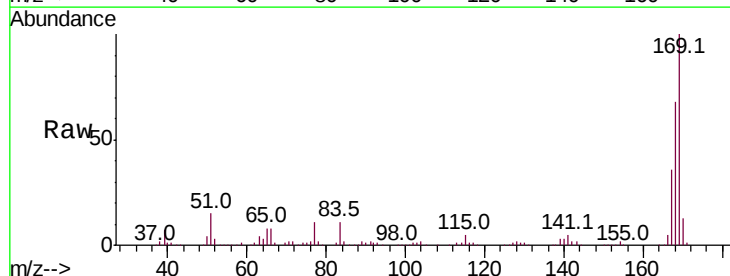
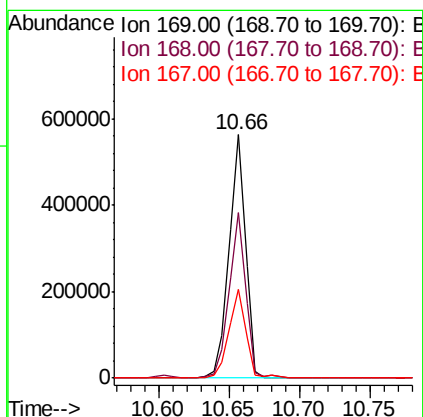
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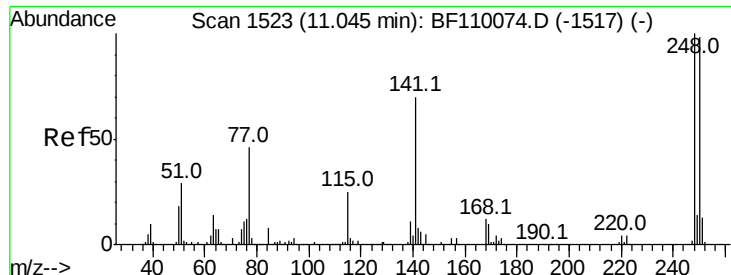
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#66
n-Nitrosodiphenylamine
Concen: 48.834 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	51.2	76.8
167	36.4	27.8	41.6





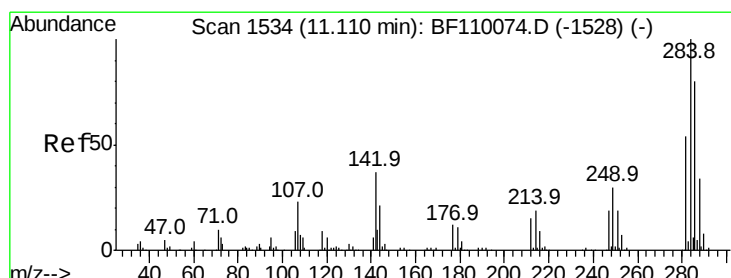
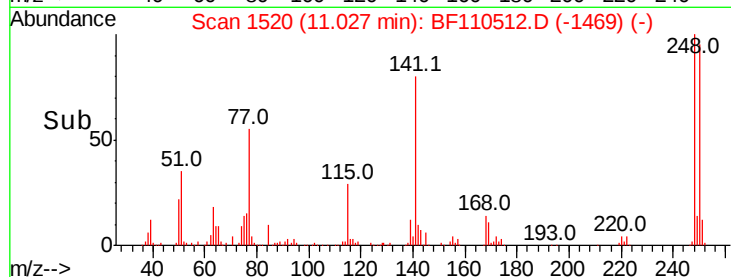
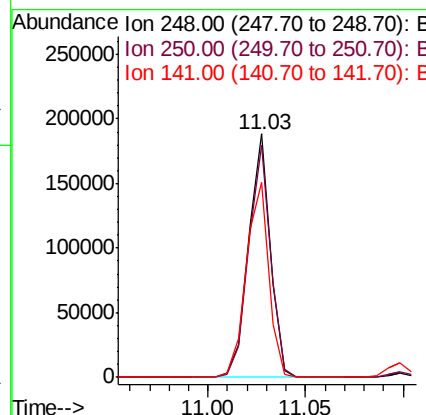
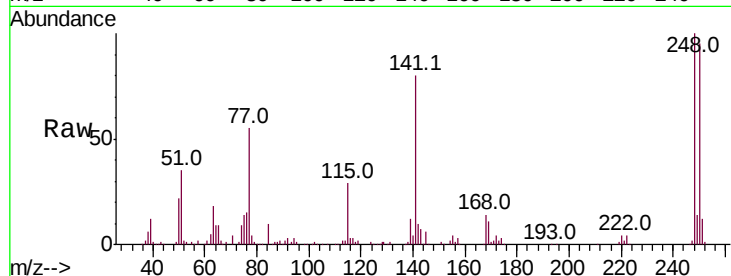
#67
4-Bromophenyl-phenylether
Concen: 46.454 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :
SP-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	79.4	119.2
141	79.8	55.9	83.9

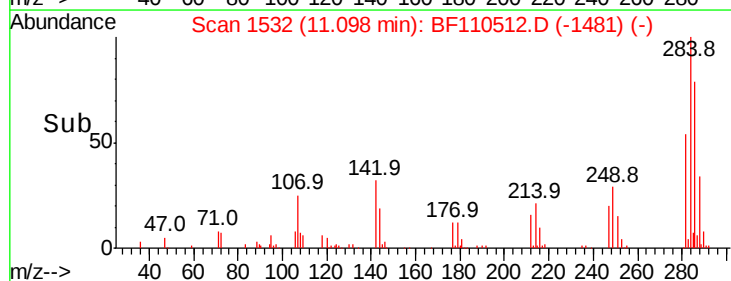
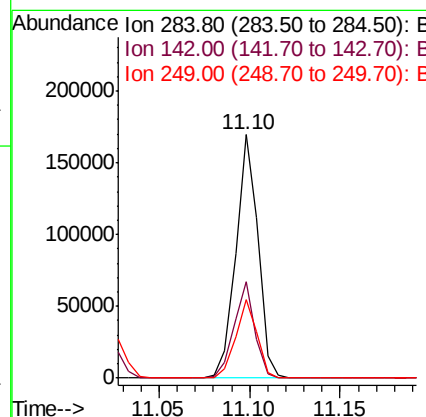
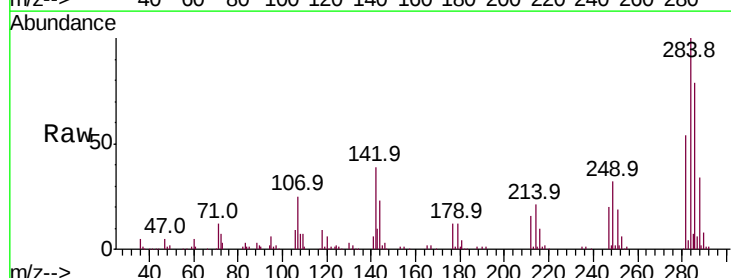
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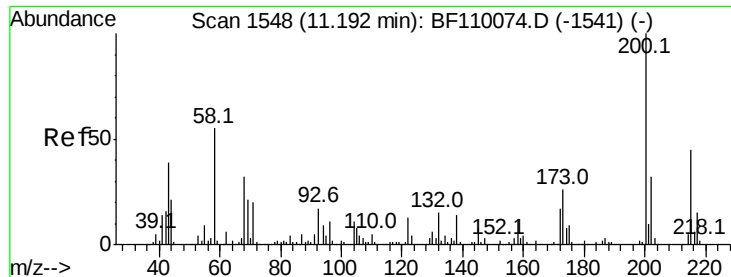
Sohil
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#68
Hexachlorobenzene
Concen: 43.127 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.3	23.9	35.9#
249	32.2	24.2	36.2





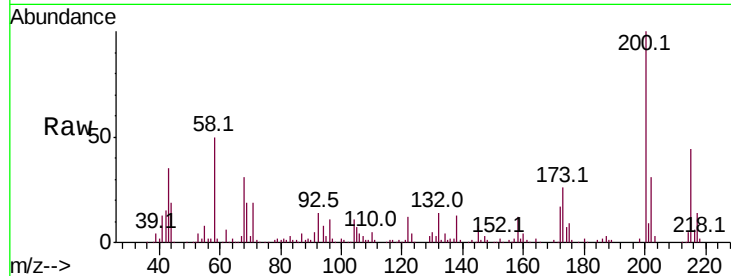
#69
Atrazine
Concen: 47.921 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampled :
SP-AMS

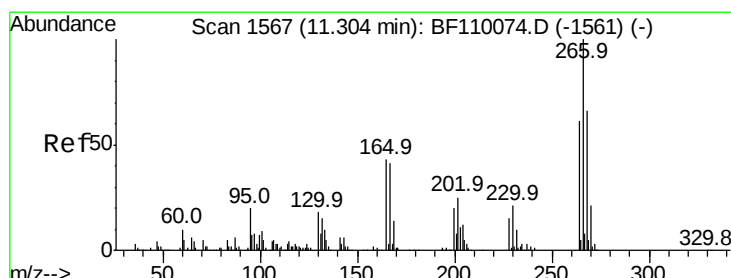
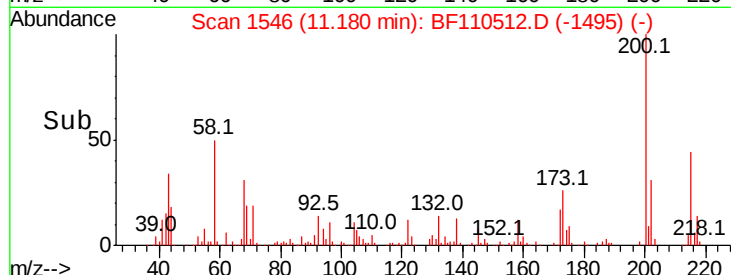
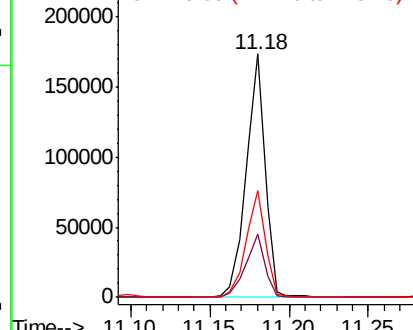
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.8	6.6	46.6
215	43.8	26.3	66.3

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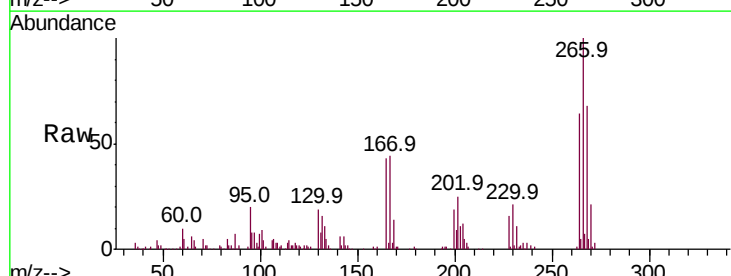


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

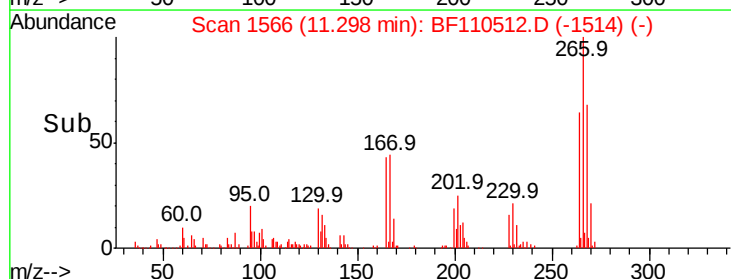
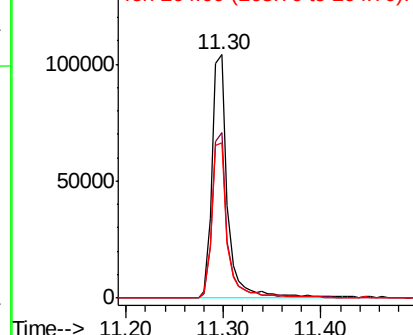


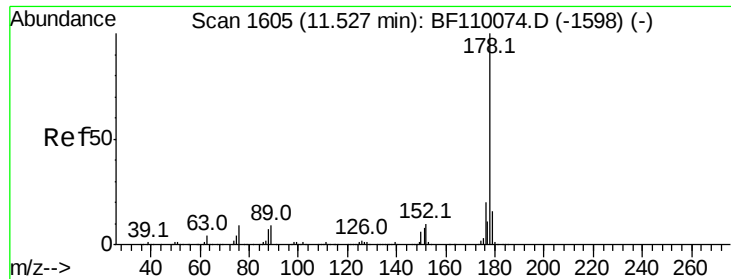
#70
Pentachlorophenol
Concen: 60.204 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.0	50.6	75.8
264	63.7	50.6	75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.917 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

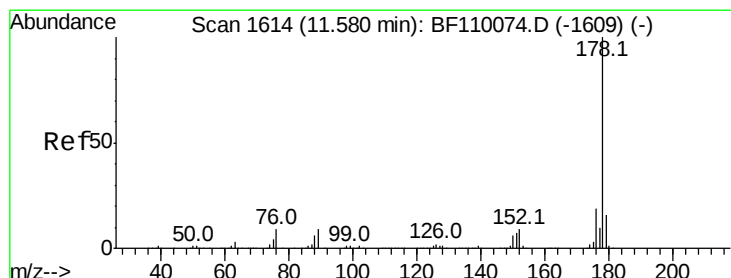
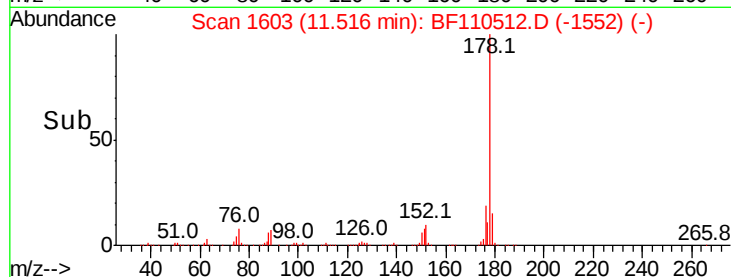
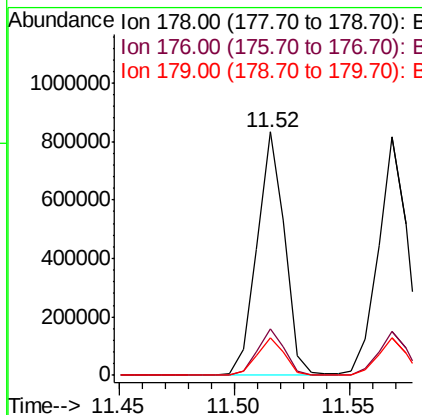
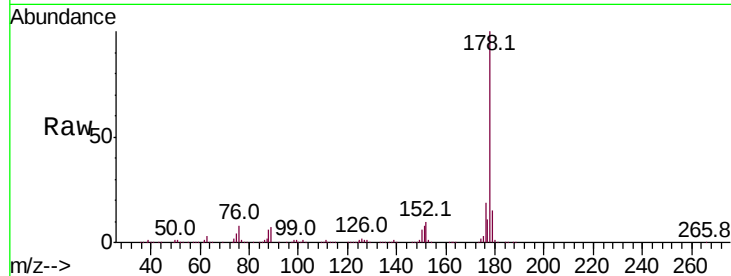
ClientSampleId :

SP-AMS

Tot Ion:178	Resp:	695532
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.5 23.3
179	15.3	12.5 18.7

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#72

Anthracene

Concen: 46.588 ng

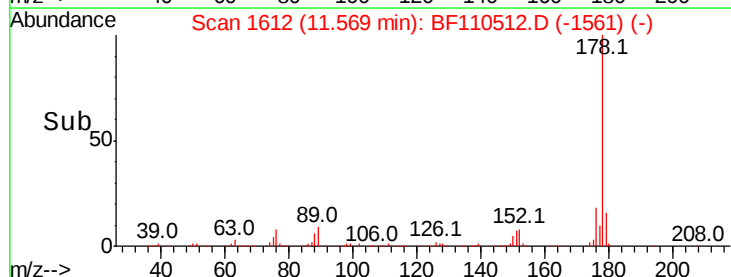
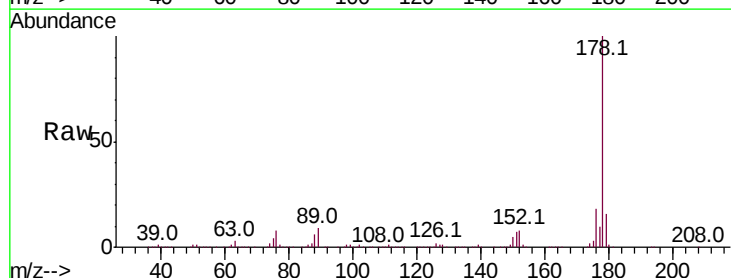
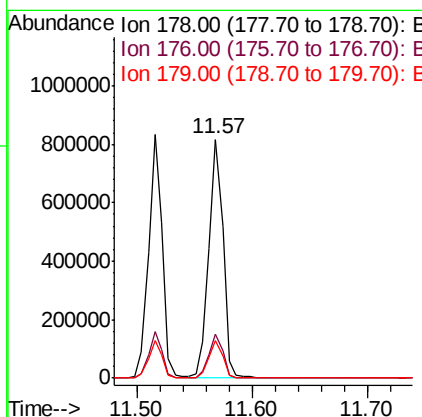
RT: 11.57 min Scan# 1612

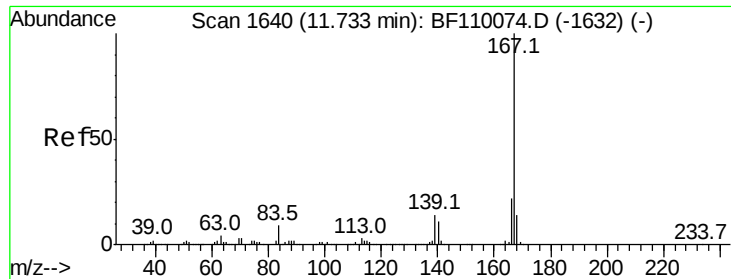
Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Tgt Ion:178	Resp:	707345
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.4 23.2
179	15.7	12.6 18.8





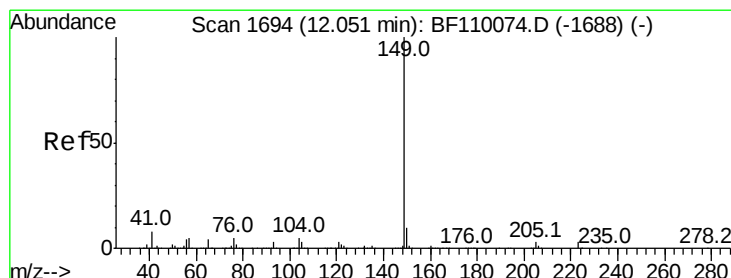
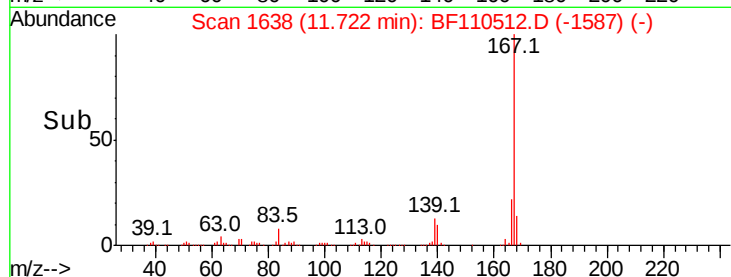
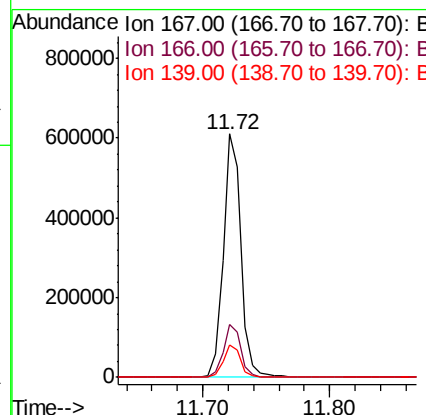
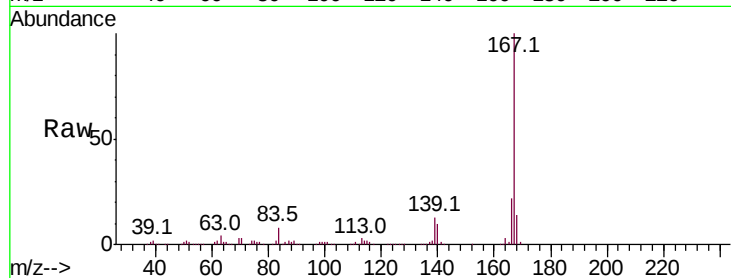
#73
 Carbazole
 Concen: 40.085 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.4	10.9	16.3

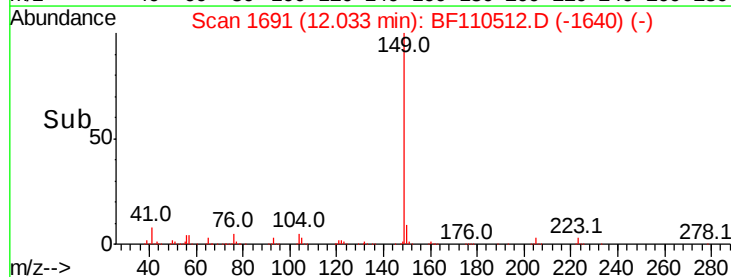
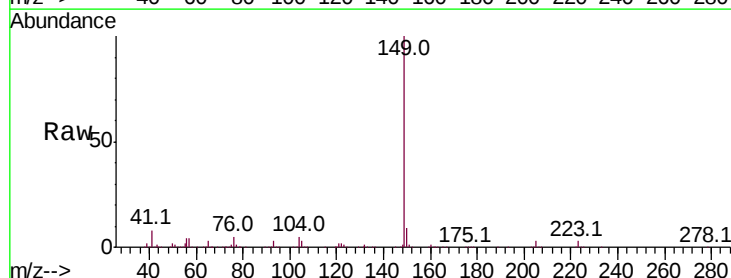
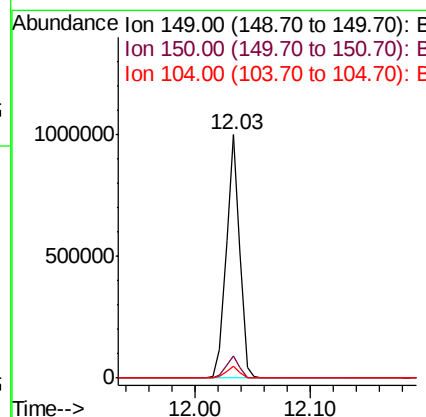
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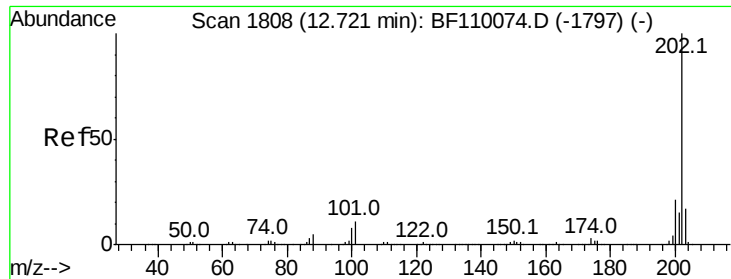
Sohil
 11/7/2018 2:54:23 PM



#74
 Di-n-butylphthalate
 Concen: 47.850 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.1	4.2	6.4





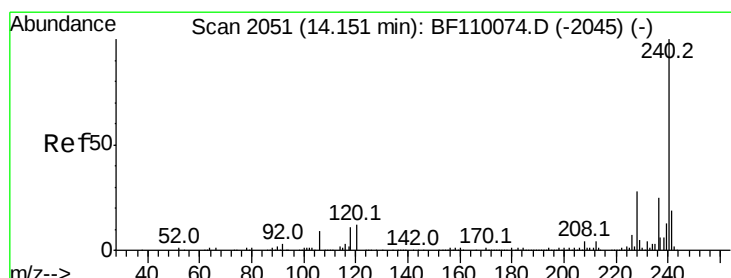
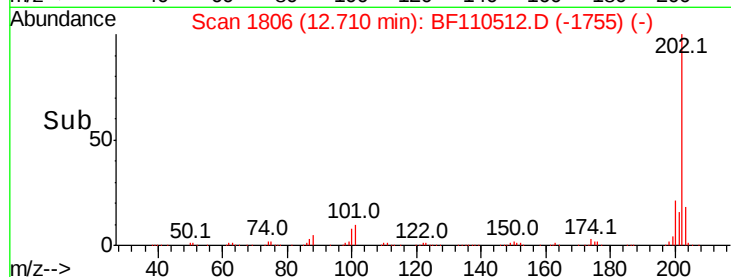
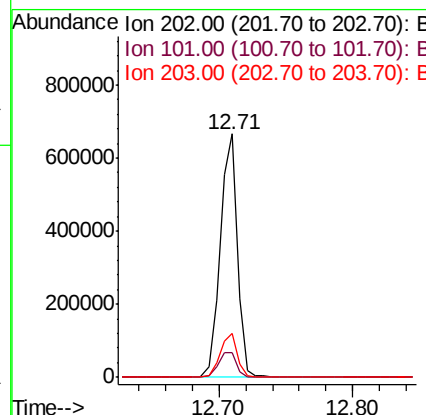
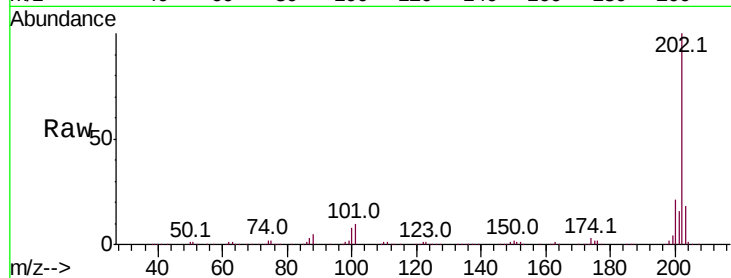
#75
Fluoranthene
Concen: 39.515 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	31.4
203	18.0	0.0	37.7

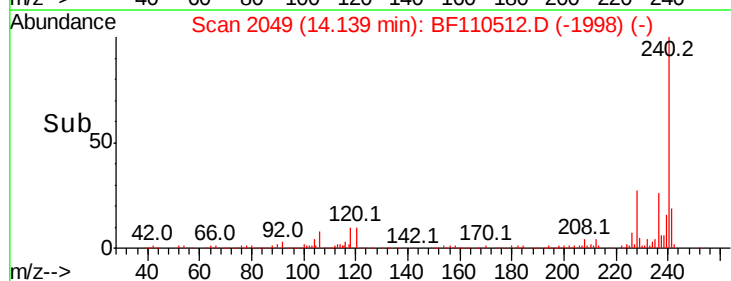
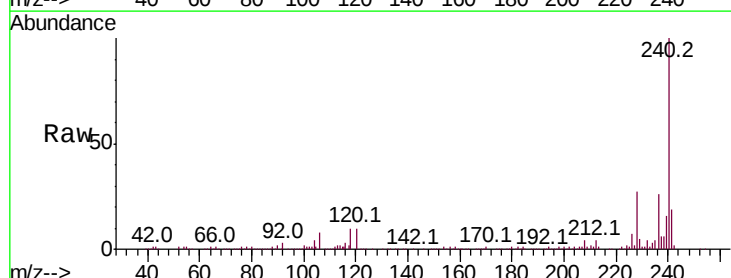
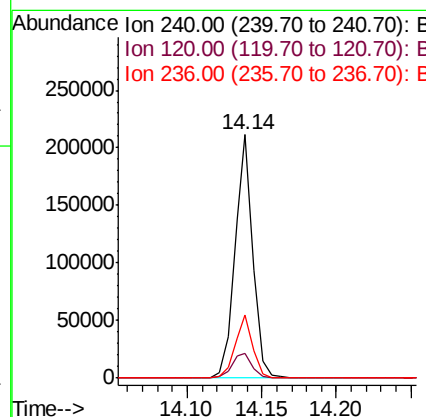
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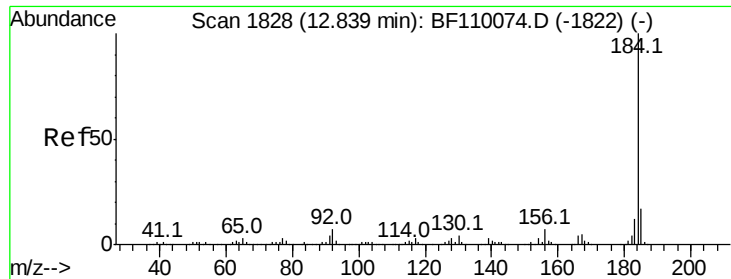
Sohil
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.0	8.3	12.5
236	25.8	21.2	31.8





#77

Benzidine

Concen: Below Cal

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

ClientSampleId :

SP-AMS

Tot Ion:184 Resp: 370700

Ion Ratio Lower Upper

184 100

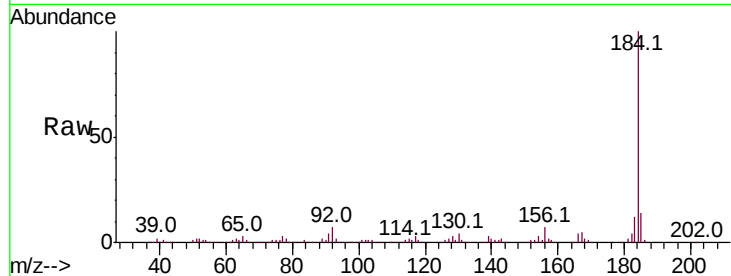
185 14.4 13.4 20.2

183 11.6 9.4 14.2

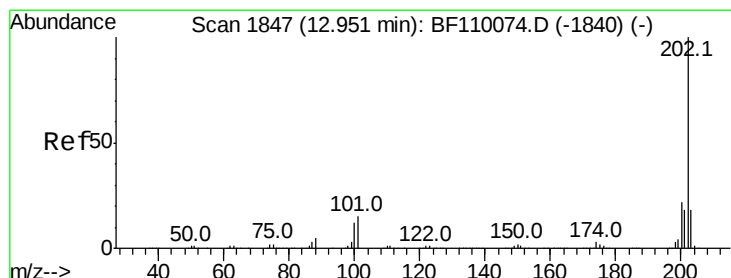
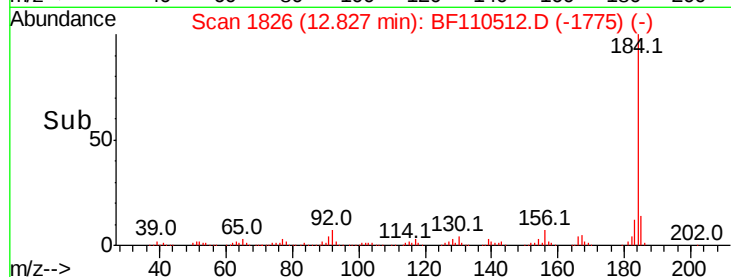
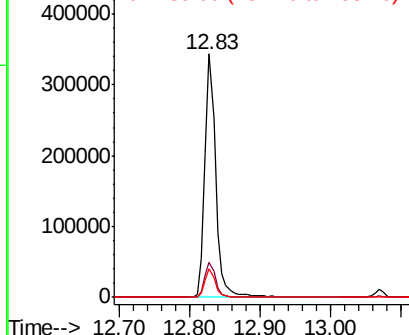
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.978 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

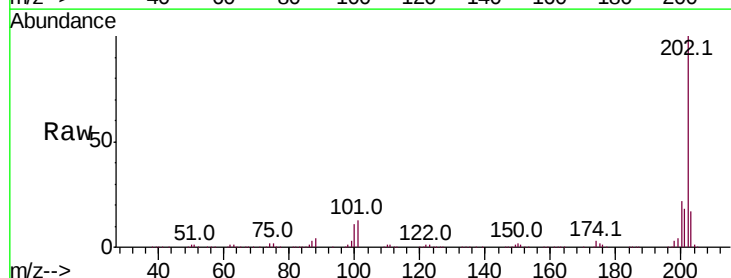
Tgt Ion:202 Resp: 587781

Ion Ratio Lower Upper

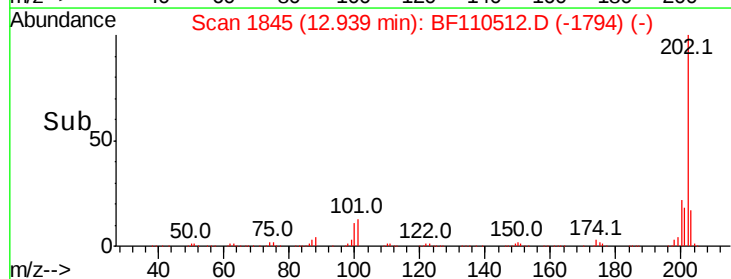
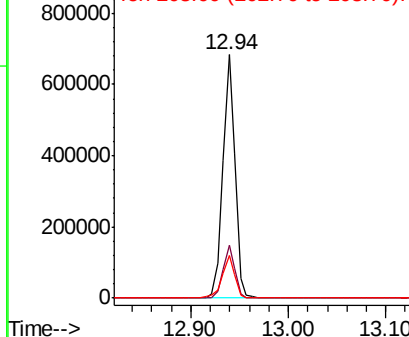
202 100

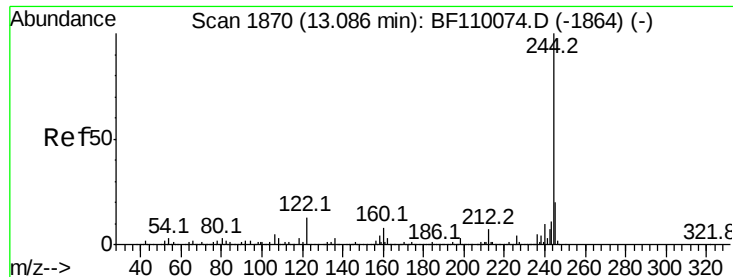
200 21.9 17.8 26.6

203 17.4 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





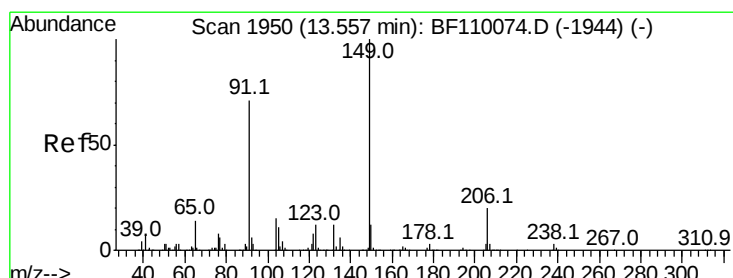
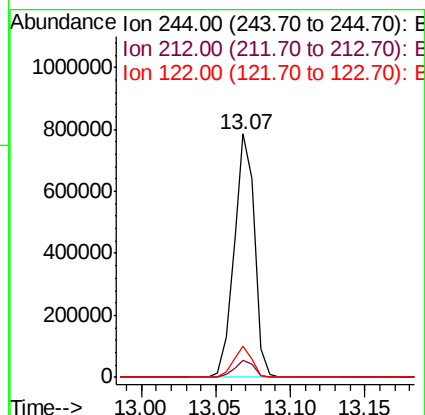
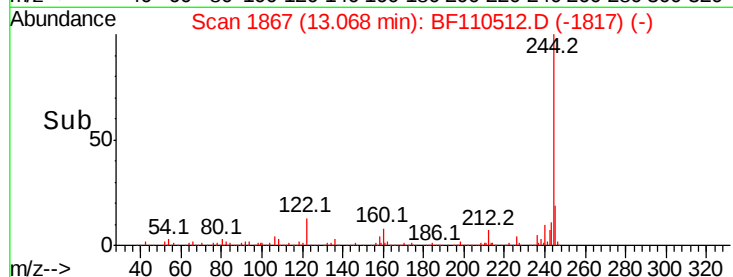
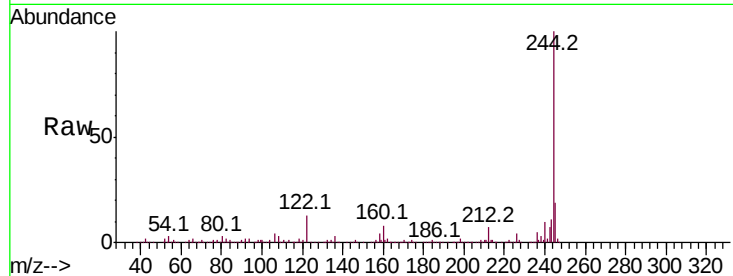
#79
 Terphenyl-d14
 Concen: 87.797 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampled :
 SP-AMS

Tot Ion:	244	Resp:	752793
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.8	8.7	13.1

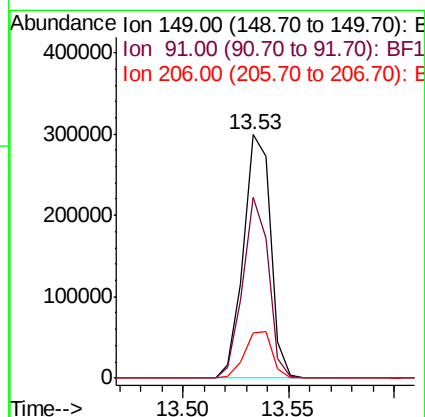
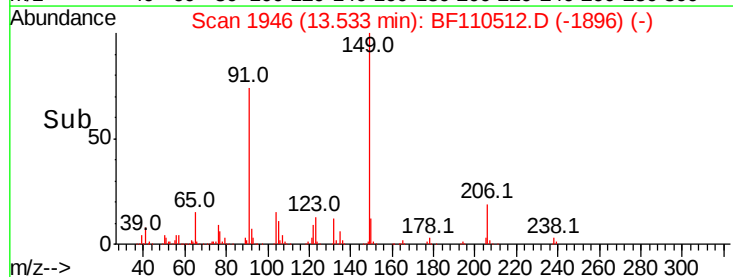
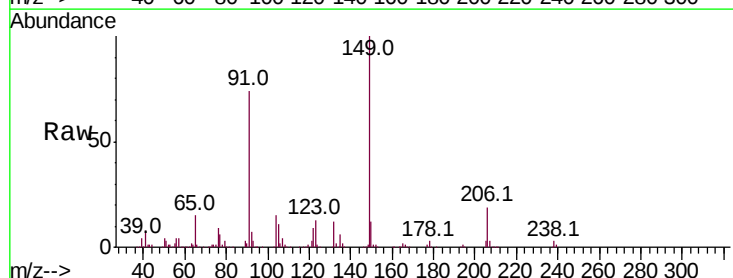
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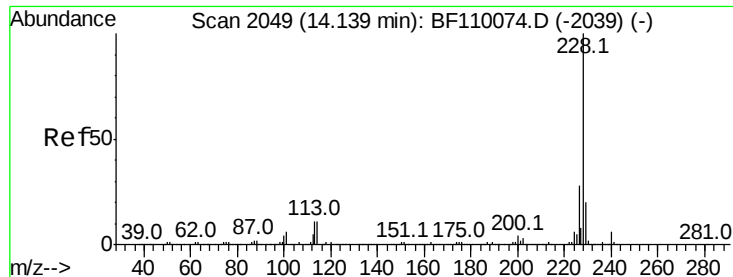
Sohil
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#80
 Butylbenzylphthalate
 Concen: 48.074 ng
 RT: 13.53 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion:	149	Resp:	266755
Ion Ratio		Lower	Upper
149	100		
91	74.1	57.2	85.8
206	18.7	15.7	23.5





#81

Benzo(a)anthracene

Concen: 45.873 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

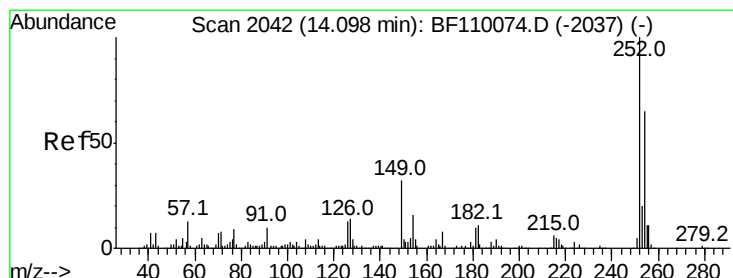
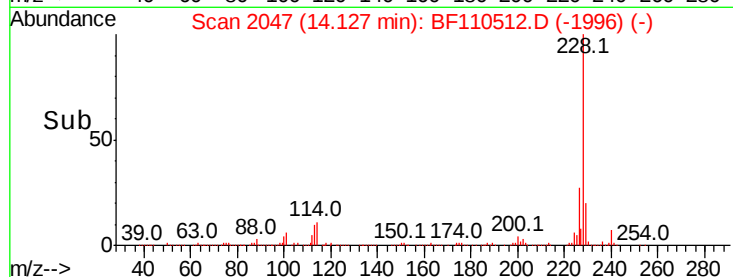
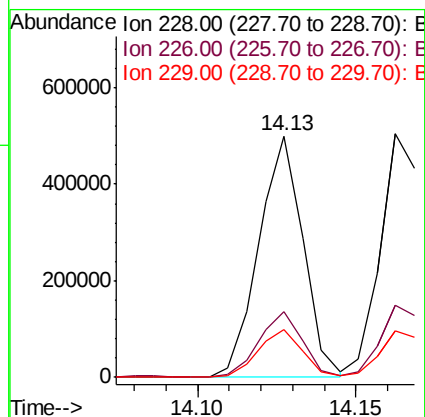
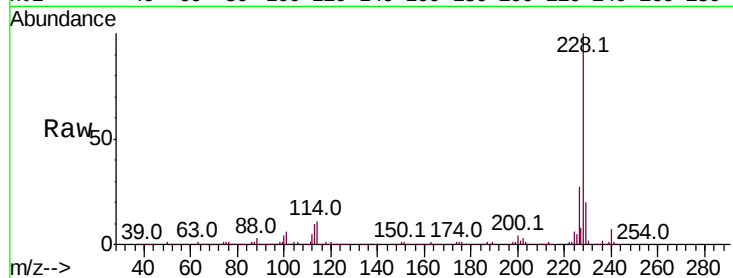
ClientSampleId :

SP-AMS

Tot Ion:	228	Resp:	485095
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.1	33.1
229	19.8	15.6	23.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 41.133 ng

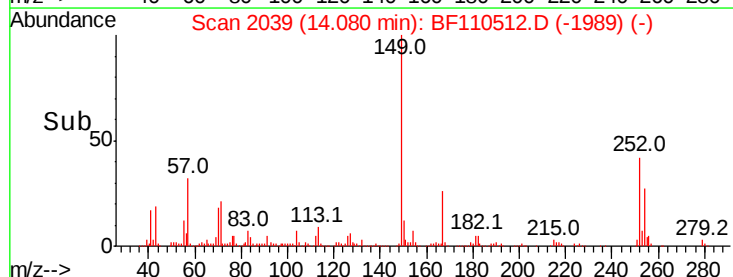
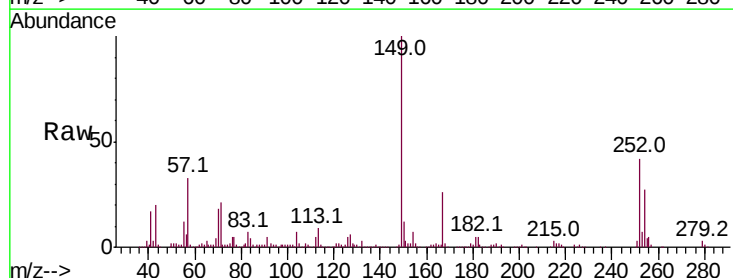
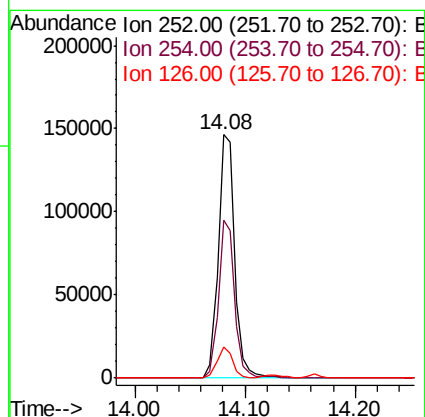
RT: 14.08 min Scan# 2039

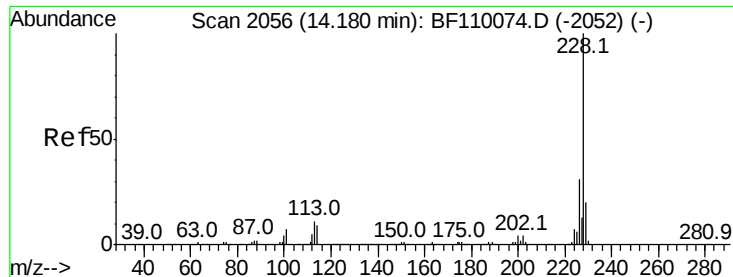
Delta R.T. -0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Tgt Ion:	252	Resp:	151464
Ion Ratio	Lower	Upper	
252	100		
254	64.6	51.3	76.9
126	13.0	9.4	14.2





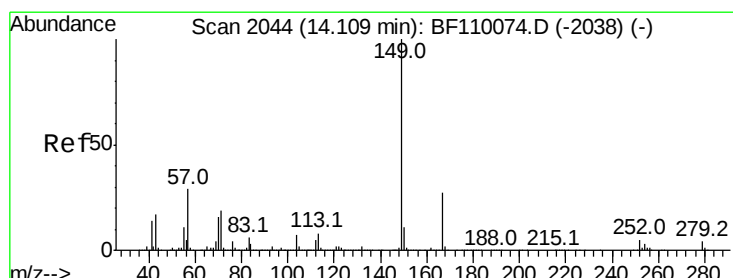
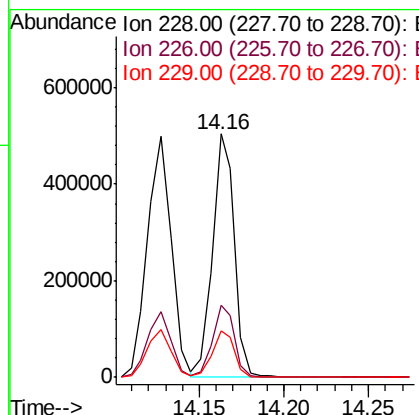
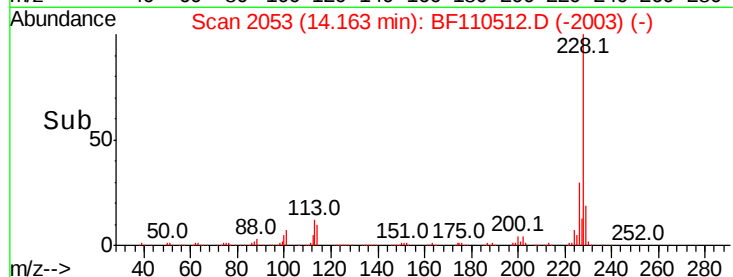
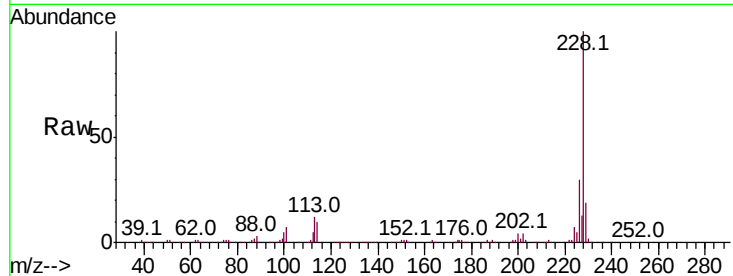
#83
 Chrysene
 Concen: 45.325 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Instrument :
 BNA_F
 ClientSampleId :
 SP-AMS

Tot Ion:	228	Resp:	455241
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.7	37.1
229	19.1	15.9	23.9

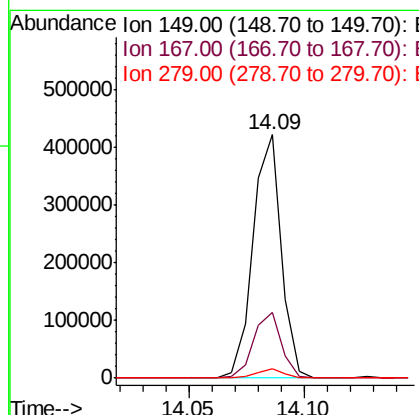
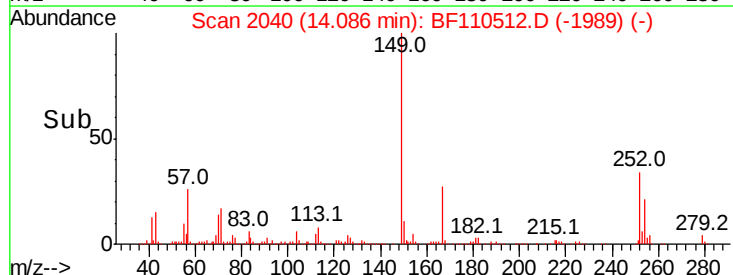
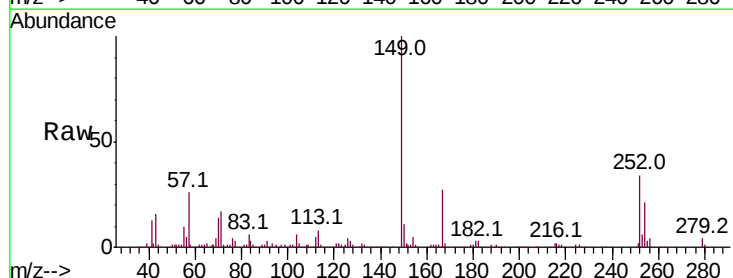
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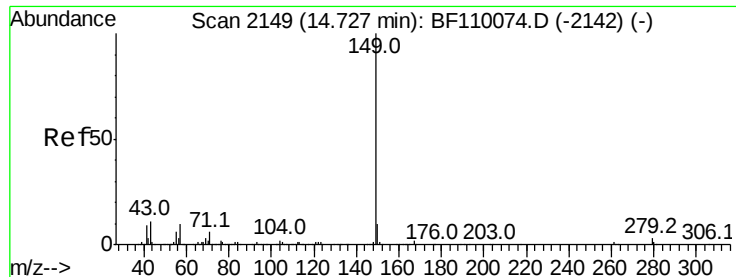
Sohil
 11/7/2018 2:54:23 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.124 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110512.D
 Acq: 6 Nov 2018 13:51

Tgt Ion:	149	Resp:	360974
Ion Ratio	Lower	Upper	
149	100		
167	26.9	19.8	29.8
279	3.7	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 50.877 ng

RT: 14.70 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

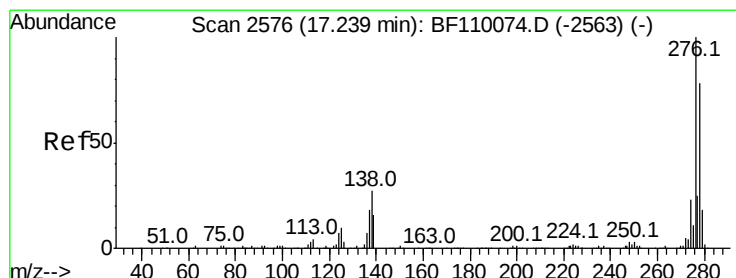
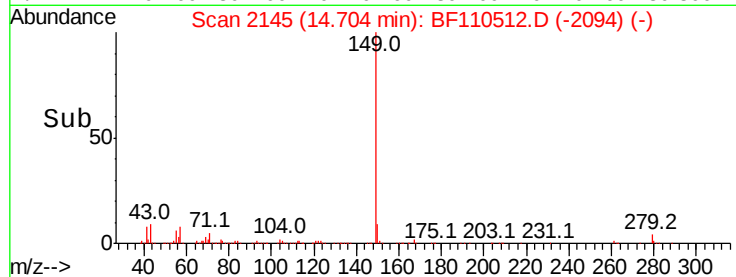
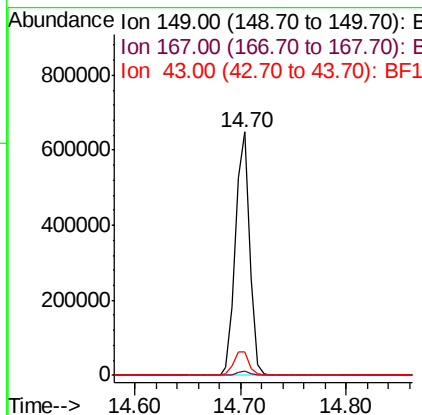
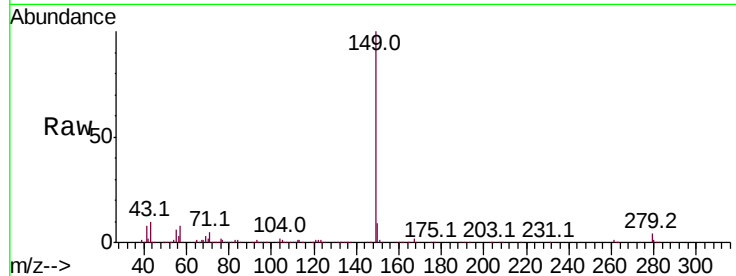
ClientSampleId :

SP-AMS

Tot Ion:	149	Resp:	593398
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.2	7.8	11.8

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 41.659 ng

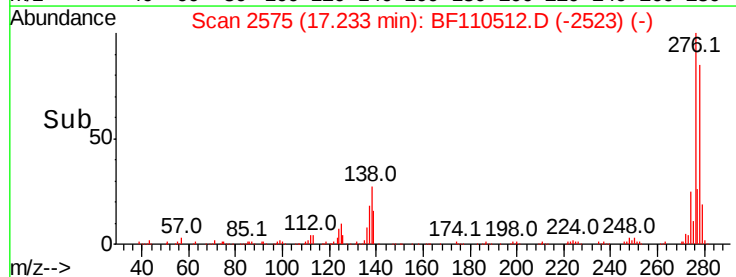
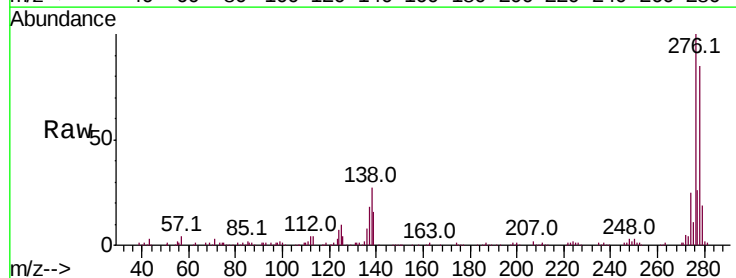
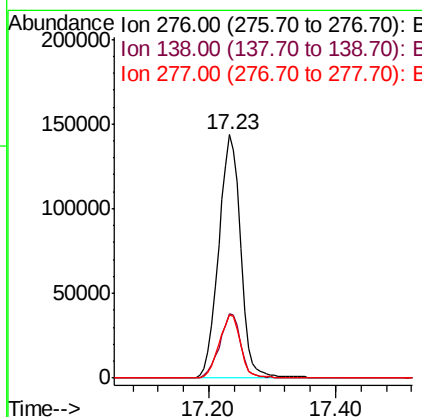
RT: 17.23 min Scan# 2575

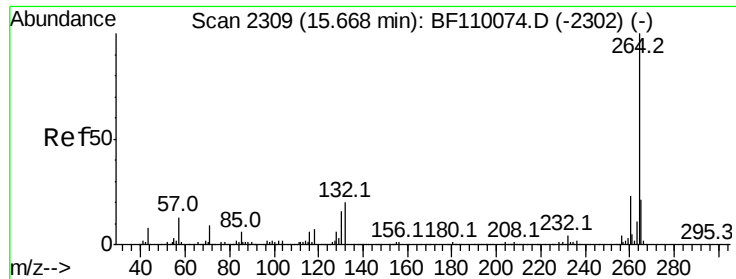
Delta R.T. 0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Tgt Ion:	276	Resp:	347120
Ion Ratio	Lower	Upper	
276	100		
138	25.6	18.5	27.7
277	25.1	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Instrument :

BNA_F

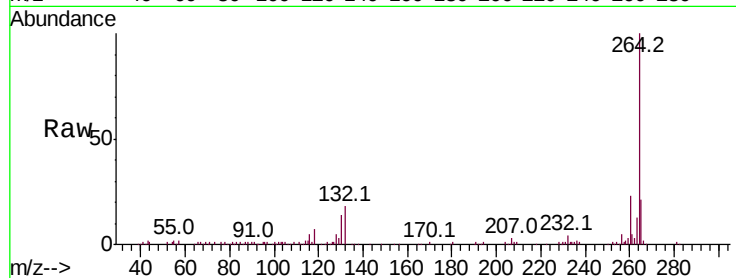
ClientSampled :

SP-AMS

Tot Ion:	264	Resp:	146827
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.7	28.1
265	21.3	16.7	25.1

Manual Integrations
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

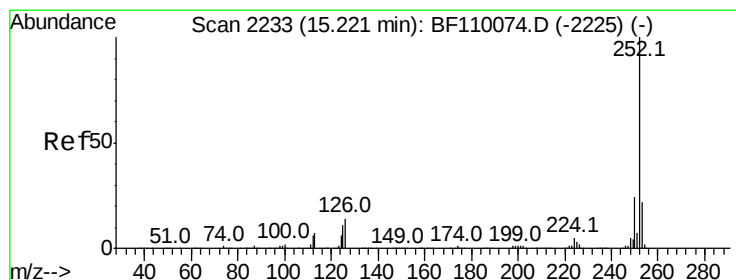
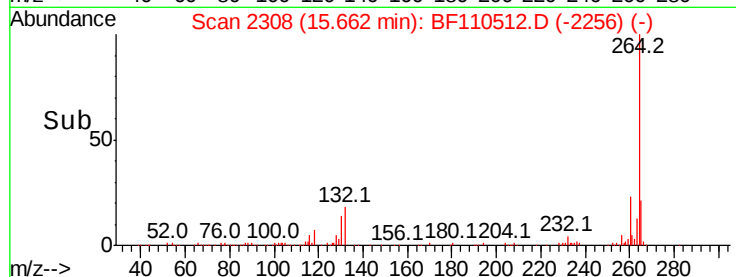
15.66

100000

50000

0

Time-->



#88

Benzo(b)fluoranthene

Concen: 49.205 ng

RT: 15.21 min Scan# 2231

Delta R.T. 0.01 min

Lab File: BF110512.D

Acq: 6 Nov 2018 13:51

Tgt Ion:	252	Resp:	417196
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.2	25.8
125	10.2	8.2	12.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

15.21

500000

400000

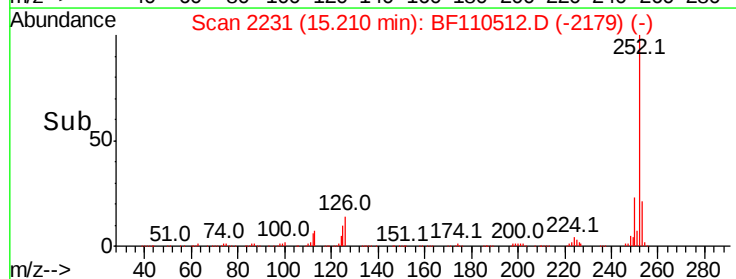
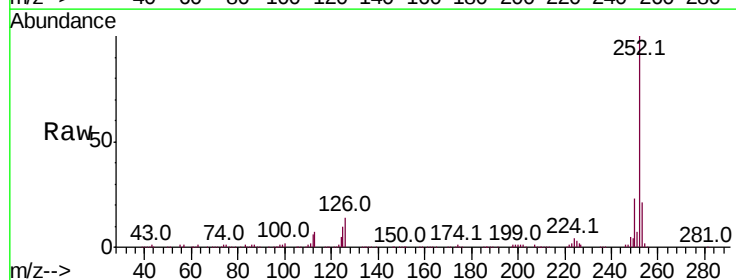
300000

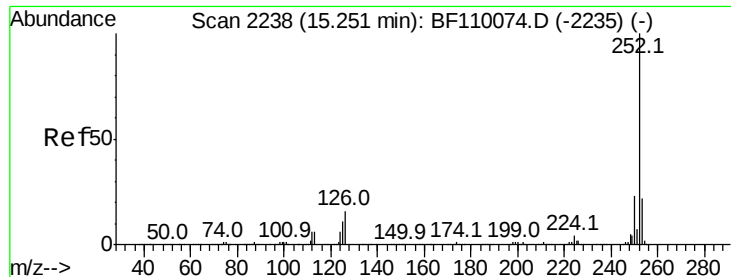
200000

100000

0

Time-->





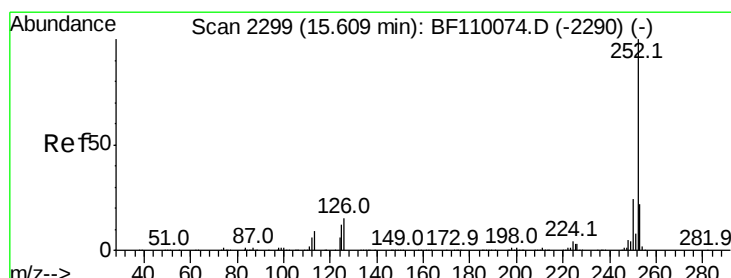
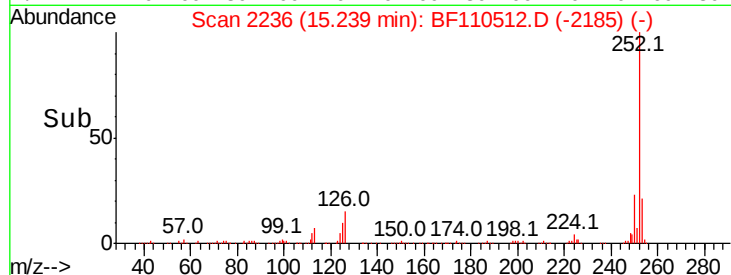
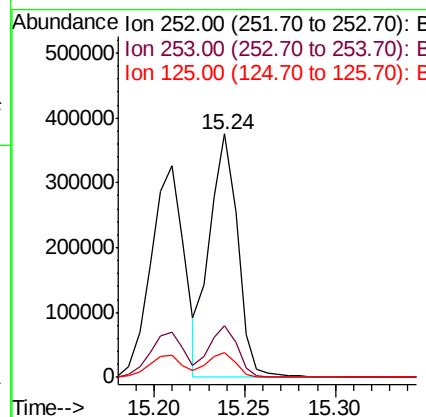
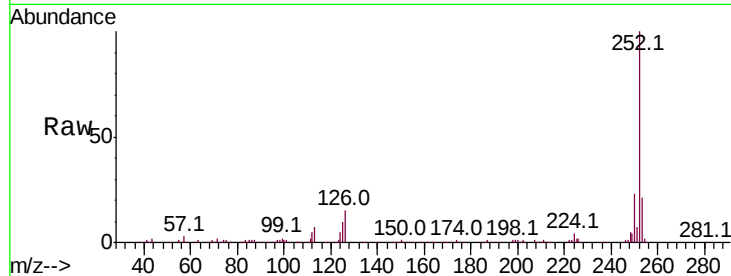
#89
Benzo(k)fluoranthene
Concen: 48.346 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :
SP-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	10.0	7.4	11.0

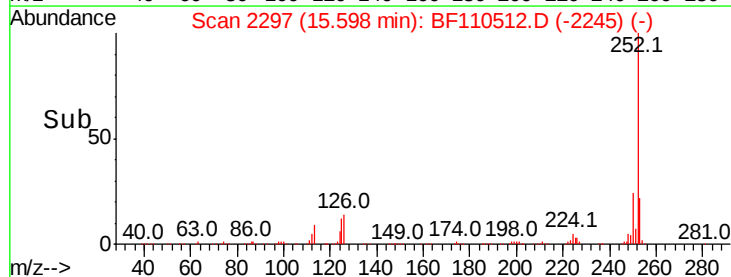
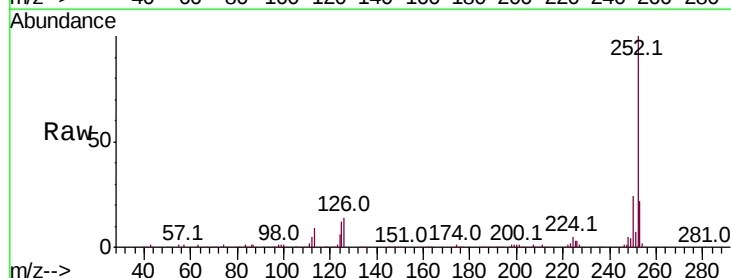
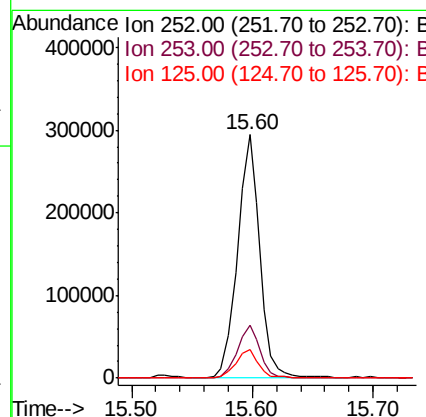
Manual Integrations
APPROVED

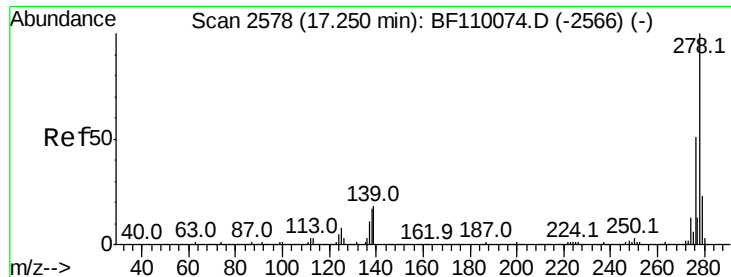
Sohil
11/7/2018 2:54:23 PM



#90
Benzo(a)pyrene
Concen: 48.385 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	11.9	9.0	13.6





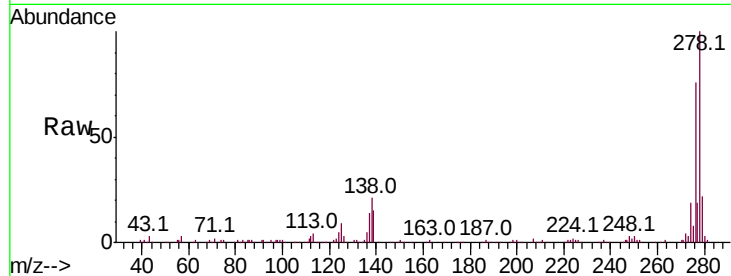
#91
Dibenzo(a,h)anthracene
Concen: 43.352 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Instrument :
BNA_F
ClientSampleId :
SP-AMS

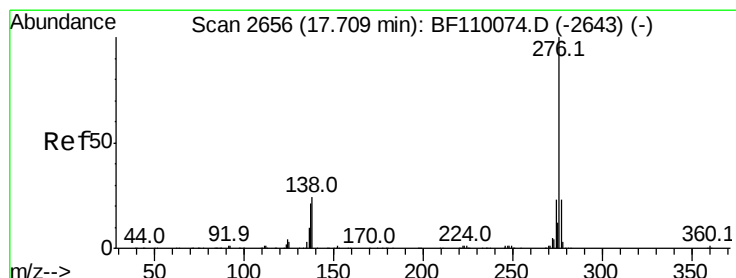
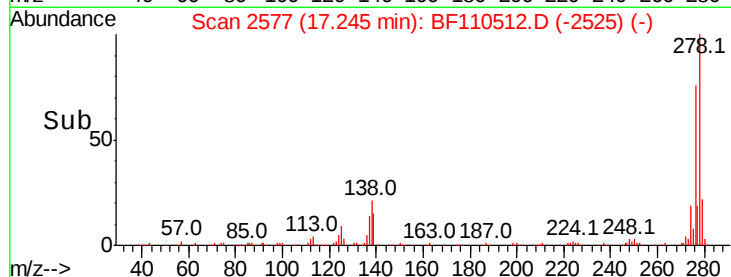
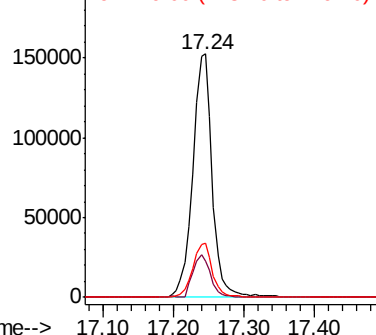
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	12.7	19.1
279	22.5	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/7/2018 2:54:23 PM

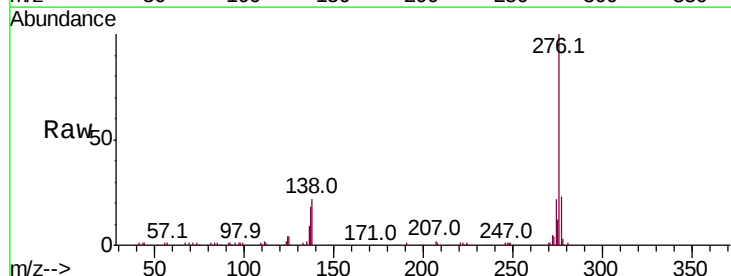


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.029 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.01 min
Lab File: BF110512.D
Acq: 6 Nov 2018 13:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	21.6	16.0	24.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

