

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110467.D
 Acq On : 5 Nov 2018 16:16
 Operator : JU/SJ
 Sample : J5812-09MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMS

Manual Integrations
 APPROVED

Sohil
 11/6/2018 1:19:13 PM

Quant Time: Nov 06 10:23:32 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	89244	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	380315	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	186447	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	340011	20.00	ng	0.00
76) Chrysene-d12	14.14	240	193434	20.00	ng	0.00
87) Perylene-d12	15.66	264	160267	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	734143	133.96	ng	0.01
7) Phenol-d6	6.59	99	952624	135.90	ng	0.00
23) Nitrobenzene-d5	7.52	82	604208	94.23	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	243228	131.70	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1058076	89.11	ng	0.00
79) Terphenyl-d14	13.07	244	977782	105.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	82144	28.609	ng	88
3) Pyridine	3.64	79	227403	35.558	ng	87
4) n-Nitrosodimethylamine	3.60	42	120726	45.058	ng	88
6) Aniline	6.62	93	306352	33.550	ng	# 54
8) 2-Chlorophenol	6.75	128	274481	43.442	ng	99
9) Benzaldehyde	6.51	77	164368	40.532	ng	98
10) Phenol	6.60	94	390269	52.085	ng	# 63
11) bis(2-Chloroethyl)ether	6.69	93	248362	40.289	ng	96
12) 1,3-Dichlorobenzene	6.90	146	278377	40.036	ng	97
13) 1,4-Dichlorobenzene	6.97	146	278499	39.603	ng	99
14) 1,2-Dichlorobenzene	7.13	146	265116	40.611	ng	99
15) Benzyl Alcohol	7.10	79	240260	44.564	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	403081	40.896	ng	70
17) 2-Methylphenol	7.20	107	223789	44.443	ng	# 84
18) Hexachloroethane	7.46	117	104262	40.496	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	190137	42.281	ng	95
20) 3+4-Methylphenols	7.36	107	286150	43.963	ng	91
22) Acetophenone	7.37	105	382449	43.642	ng	98
24) Nitrobenzene	7.54	77	285412	43.114	ng	96
25) Isophorone	7.77	82	525003	48.034	ng	97
26) 2-Nitrophenol	7.86	139	147033	46.674	ng	92
27) 2,4-Dimethylphenol	7.89	122	259034	49.596	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	332177	44.737	ng	99
29) 2,4-Dichlorophenol	8.10	162	235312	44.596	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	243839	41.256	ng	98
31) Naphthalene	8.26	128	787633	44.935	ng	100
32) Benzoic acid	7.96	122	4781m	1.184	ng	
33) 4-Chloroaniline	8.31	127	186962	23.700	ng	98
34) Hexachlorobutadiene	8.37	225	130657	39.814	ng	97
35) Caprolactam	8.69	113	71678m	38.974	ng	
36) 4-Chloro-3-methylphenol	8.79	107	261585	45.845	ng	97
37) 2-Methylnaphthalene	8.95	142	552463	47.637	ng	99
38) 1-Methylnaphthalene	9.05	142	517149	46.144	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	232034	39.942	ng	97

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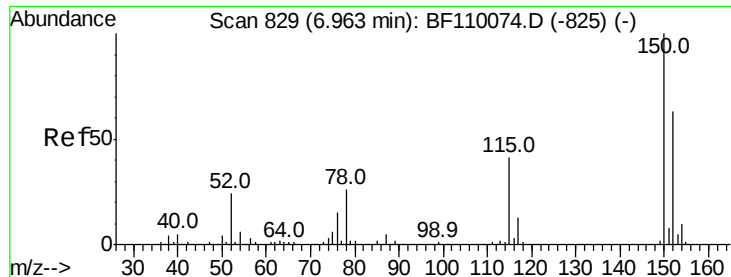
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	206925	69.660	nq	100
43) 2,4,6-Trichlorophenol	9.23	196	160464	42.825	nq	95
44) 2,4,5-Trichlorophenol	9.27	196	174233	43.991	nq	96
46) 1,1'-Biphenyl	9.42	154	674852	40.026	nq	100
47) 2-Chloronaphthalene	9.45	162	510797	41.301	nq	100
48) 2-Nitroaniline	9.55	65	167092	44.585	nq	95
49) Acenaphthylene	9.86	152	798858	44.721	nq	99
50) Dimethylphthalate	9.72	163	741710	53.891	nq	100
51) 2,6-Dinitrotoluene	9.79	165	134496	45.367	nq	89
52) Acenaphthene	10.03	154	478756	40.513	nq	98
53) 3-Nitroaniline	9.96	138	116460	33.034	nq	90
54) 2,4-Dinitrophenol	10.07	184	19648	20.794	nq	95
55) Dibenzofuran	10.20	168	688416	41.608	nq	100
56) 4-Nitrophenol	10.13	139	273057	104.649	nq	94
57) 2,4-Dinitrotoluene	10.19	165	176293	46.817	nq	94
58) Fluorene	10.55	166	566279	45.988	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	136914m	42.411	nq	
60) Diethylphthalate	10.41	149	584076	43.474	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	265757	40.912	nq	96
62) 4-Nitroaniline	10.58	138	145902	41.610	nq	92
63) Azobenzene	10.70	77	570831	42.805	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	50183	32.305	nq	89
66) n-Nitrosodiphenylamine	10.66	169	493719	44.270	nq	97
67) 4-Bromophenyl-phenylether	11.03	248	157063	42.586	nq	94
68) Hexachlorobenzene	11.10	284	163258	41.720	nq	# 89
69) Atrazine	11.18	200	160804	45.626	nq	99
70) Pentachlorophenol	11.30	266	133243	58.393	nq	96
71) Phenanthrene	11.52	178	806706	45.344	nq	100
72) Anthracene	11.57	178	828064	46.435	nq	99
73) Carbazole	11.72	167	718429	41.262	nq	100
74) Di-n-butylphthalate	12.03	149	889459	45.231	nq	99
75) Fluoranthene	12.71	202	802927	44.469	nq	99
77) Benzidine	12.83	184	347373	Below	Cal	96
78) Pyrene	12.94	202	777529	56.068	nq	98
80) Butylbenzylphthalate	13.54	149	326623	54.264	nq	94
81) Benzo(a)anthracene	14.13	228	535913	46.719	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	119020	29.797	nq	99
83) Chrysene	14.16	228	498654	45.768	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	429161	52.745	nq	96
85) Di-n-octyl phthalate	14.70	149	606274	47.920	nq	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	489655	54.174	nq	97
88) Benzo(b)fluoranthene	15.21	252	430063	46.469	nq	99
89) Benzo(k)fluoranthene	15.24	252	402542	44.243	nq	99
90) Benzo(a)pyrene	15.60	252	404065	47.448	nq	99
91) Dibenzo(a,h)anthracene	17.24	278	406522	55.324	nq	100
92) Benzo(g,h,i)perylene	17.71	276	412094	56.913	nq	97

(#) = 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: BF110467.D

Acq: 5 Nov 2018 16:16

Instrument :

BNA_F

ClientSampleId :

TP2-AMS

Tot Ion:152 Resp: 89244

Ion Ratio Lower Upper

152 100

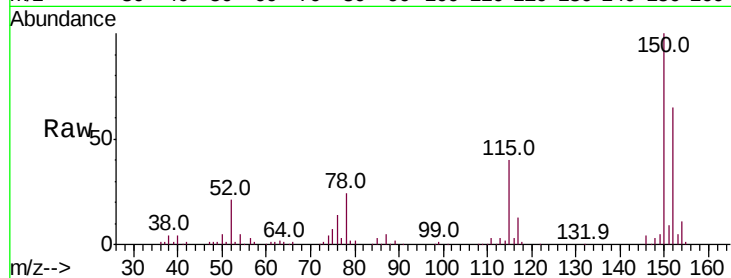
150 154.7 122.7 184.1

115 61.7 49.1 73.7

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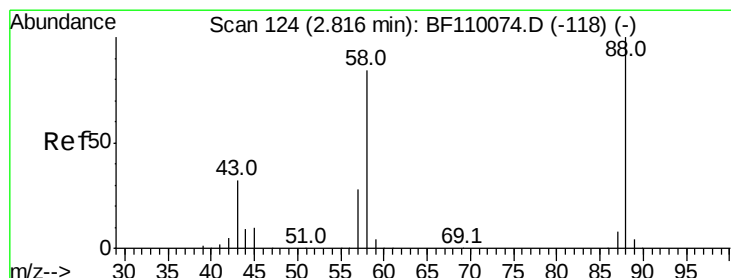
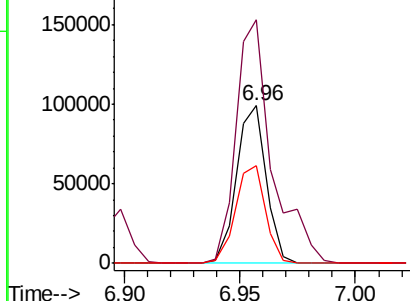
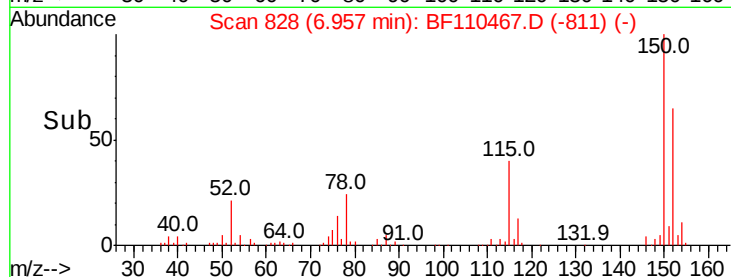
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.609 ng

RT: 2.87 min Scan# 133

Delta R.T. 0.07 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

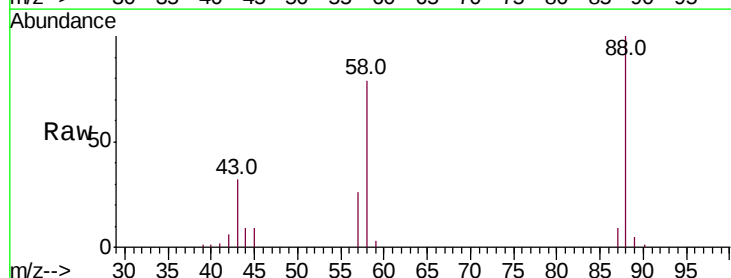
Tgt Ion: 88 Resp: 82144

Ion Ratio Lower Upper

88 100

58 82.3 57.1 85.7

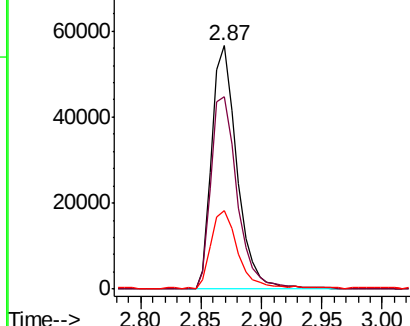
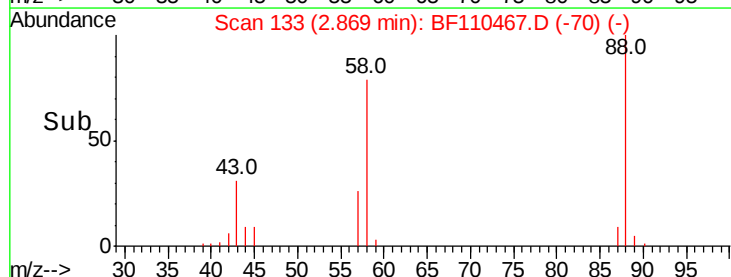
43 34.8 24.1 36.1



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: 35.558 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.06 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Instrument :

BNA_F

ClientSampleId :

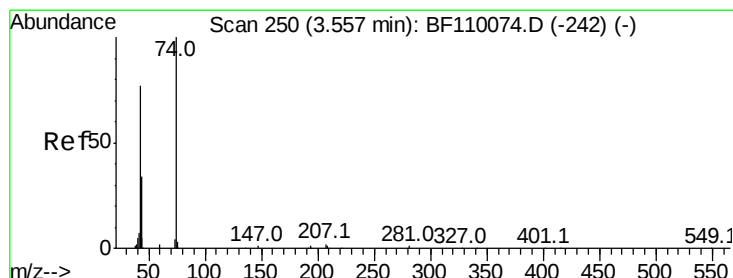
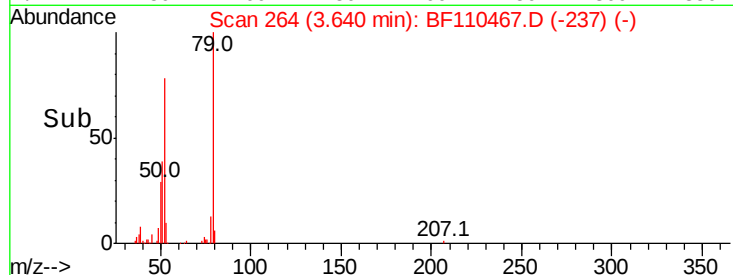
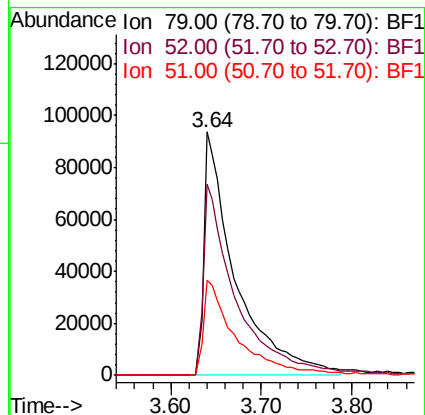
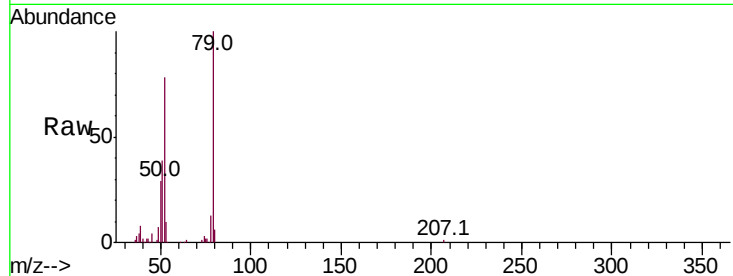
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Tot Ion: 79 Resp: 227403

Ion	Ratio	Lower	Upper
79	100		
52	78.3	53.1	79.7
51	39.1	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 45.058 ng

RT: 3.60 min Scan# 257

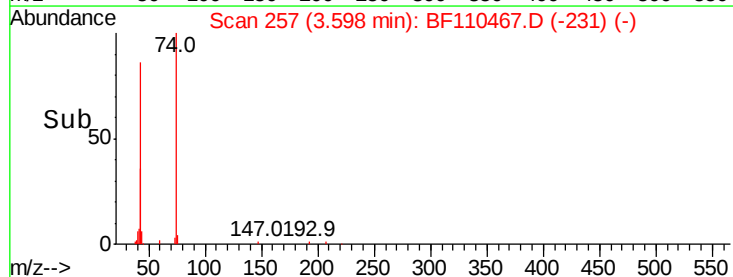
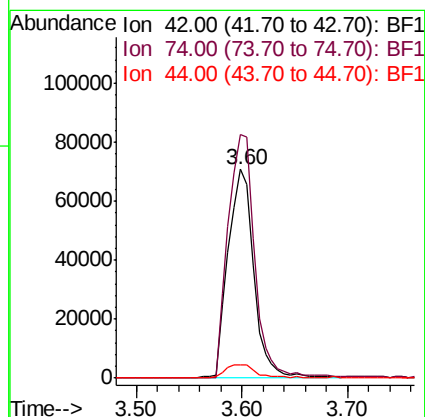
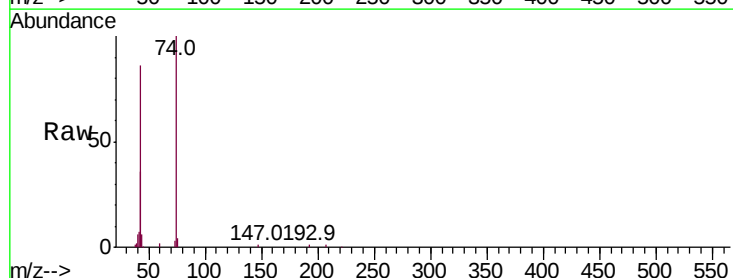
Delta R.T. 0.05 min

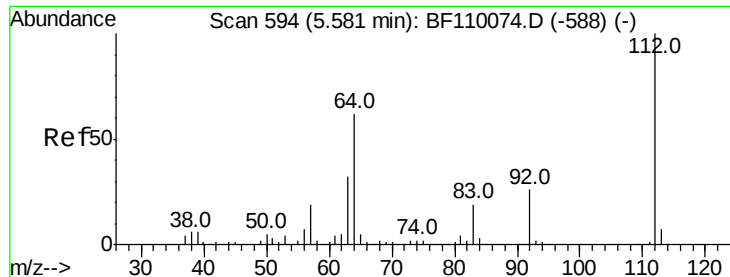
Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Tgt Ion: 42 Resp: 120726

Ion	Ratio	Lower	Upper
42	100		
74	116.7	105.5	158.3
44	6.5	4.9	7.3





#5

2-Fluorophenol

Concen: 133.960 ng

RT: 5.59 min Scan# 595

Delta R.T. 0.01 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Instrument :

BNA_F

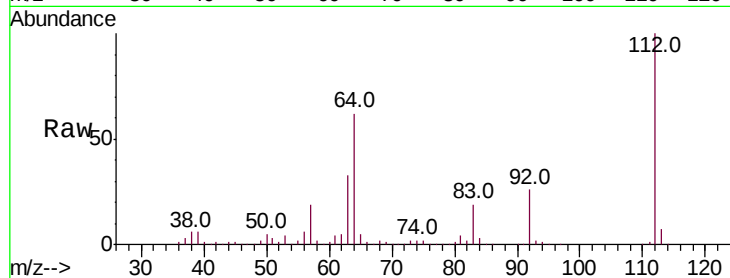
ClientSampled :

TP2-AMS

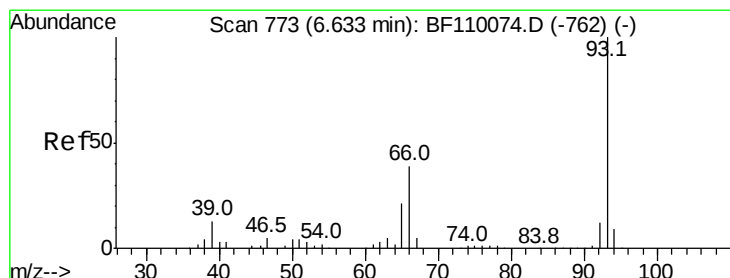
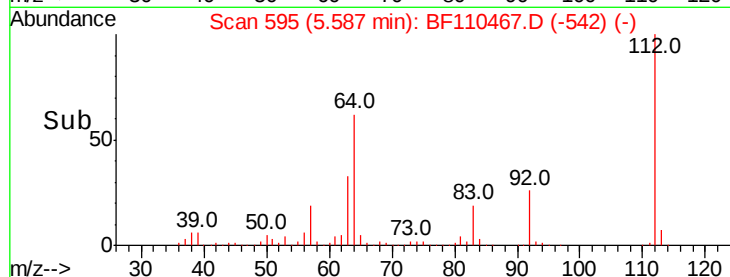
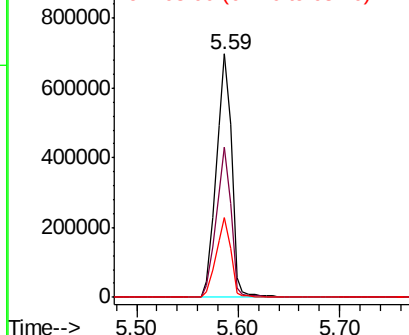
Tot Ion:	112	Resp:	734143
Ion Ratio	Lower	Upper	
112	100		
64	61.6	44.1	66.1
63	32.6	23.7	35.5

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



#6

Aniline

Concen: 33.550 ng

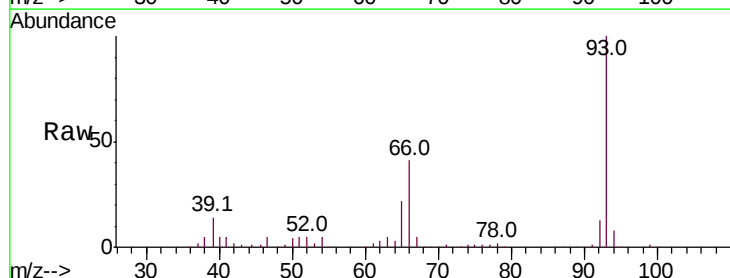
RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

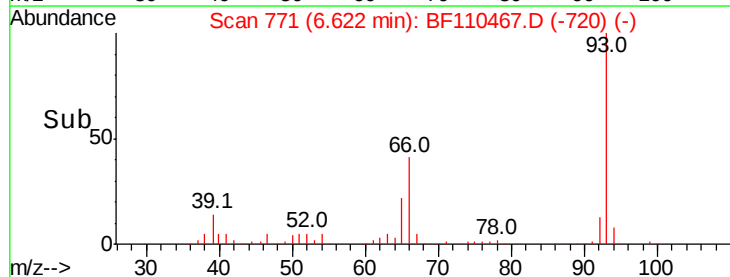
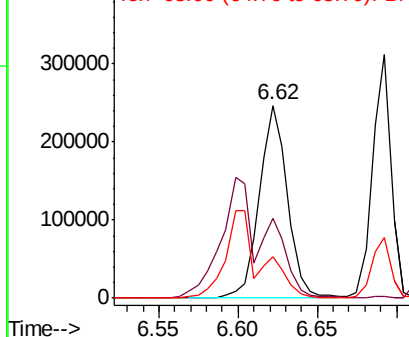
Lab File: BF110467.D

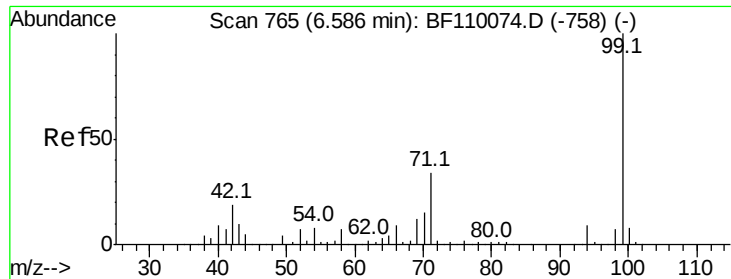
Acq: 5 Nov 2018 16:16

Tgt Ion:	93	Resp:	306352
Ion Ratio	Lower	Upper	
93	100		
66	41.2	67.4	101.0#
65	21.5	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: 135.900 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Instrument :

BNA_F

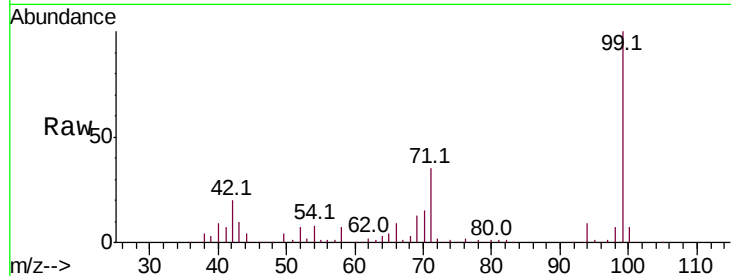
ClientSampleId :

TP2-AMS

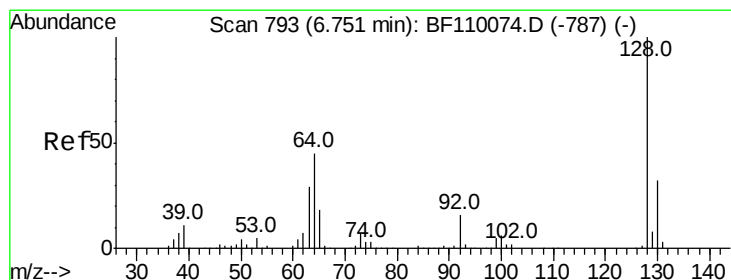
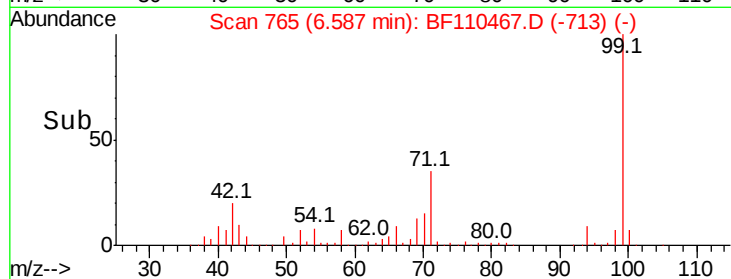
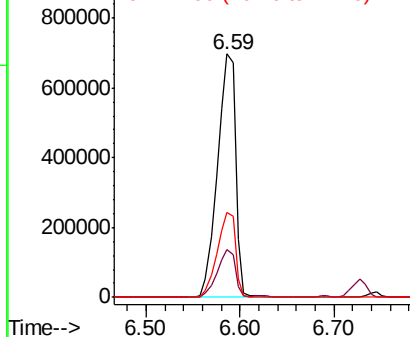
Tot Ion:	99	Resp:	952624
Ion Ratio	Lower	Upper	
99	100		
42	19.5	15.8	23.6
71	35.0	28.0	42.0

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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: 43.442 ng

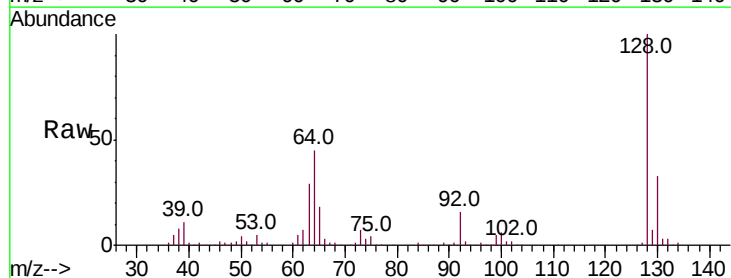
RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

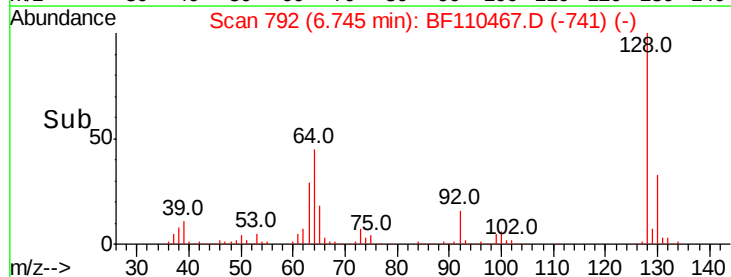
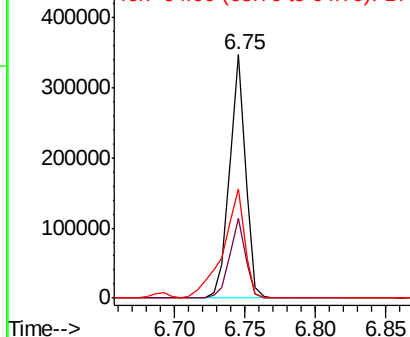
Lab File: BF110467.D

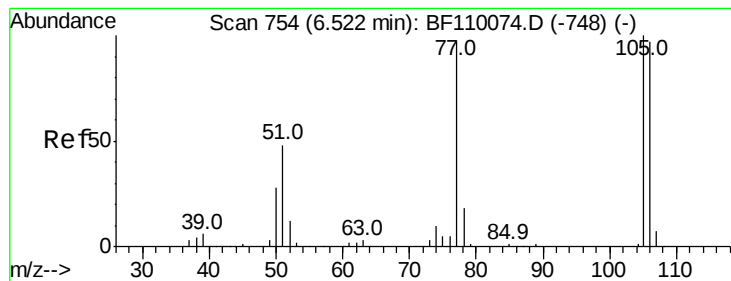
Acq: 5 Nov 2018 16:16

Tgt Ion:	128	Resp:	274481
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.1	53.1
64	44.9	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: 40.532 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Instrument :

BNA_F

ClientSampleId :

TP2-AMS

Tot Ion: 77 Resp: 164368

Ion Ratio Lower Upper

77 100

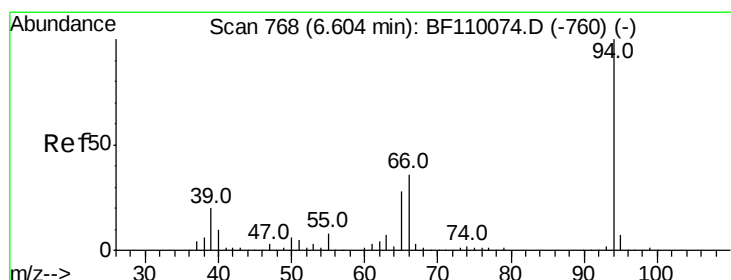
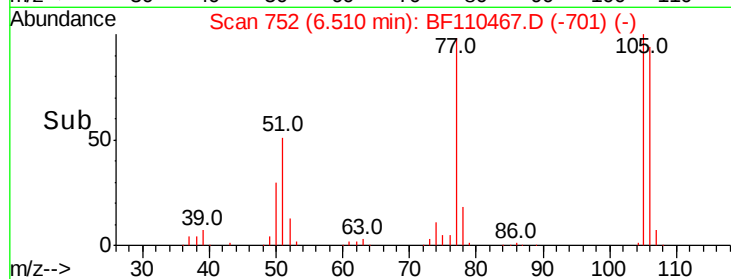
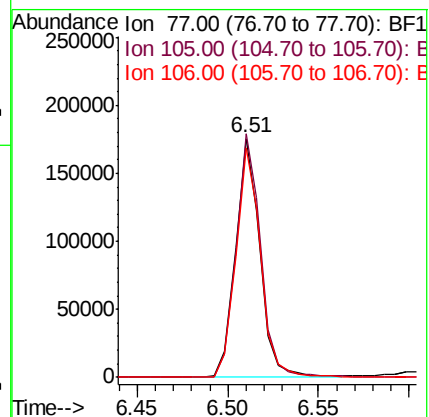
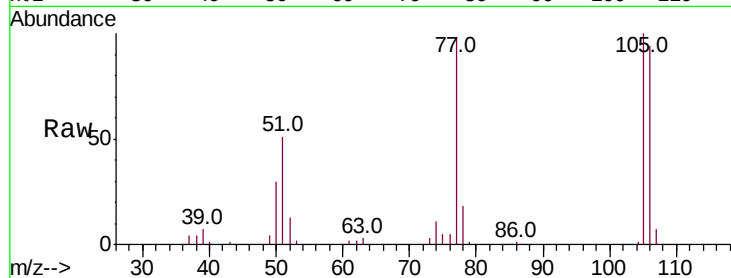
105 102.0 78.6 118.6

106 96.0 74.8 114.8

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#10

Phenol

Concen: 52.085 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

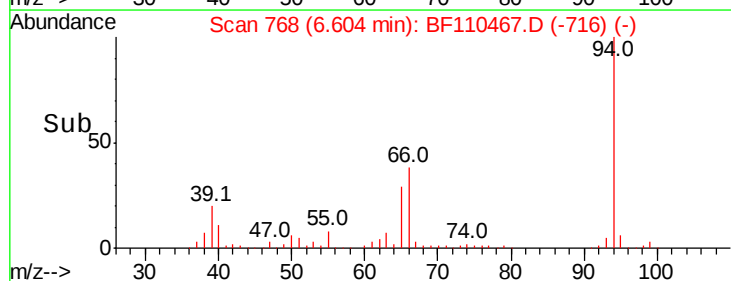
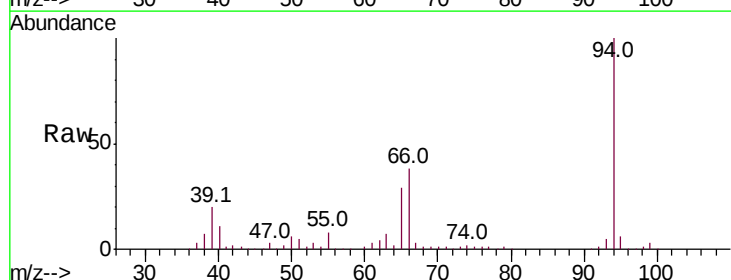
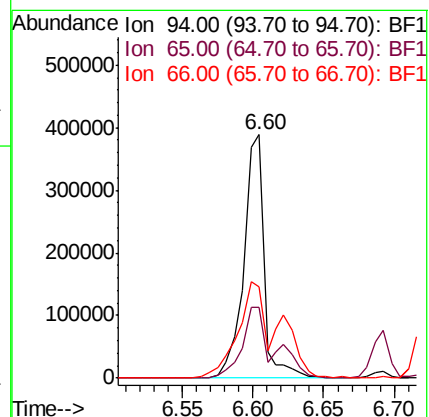
Tgt Ion: 94 Resp: 390269

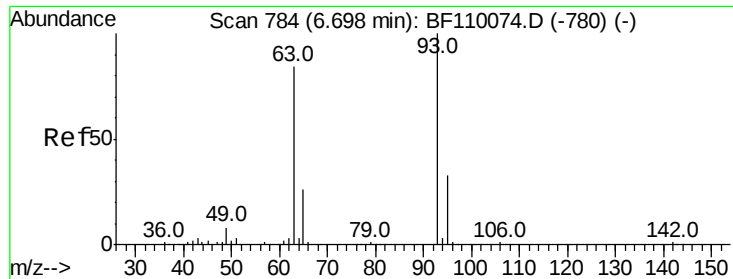
Ion Ratio Lower Upper

94 100

65 28.9 25.3 65.3

66 37.5 54.5 94.5#





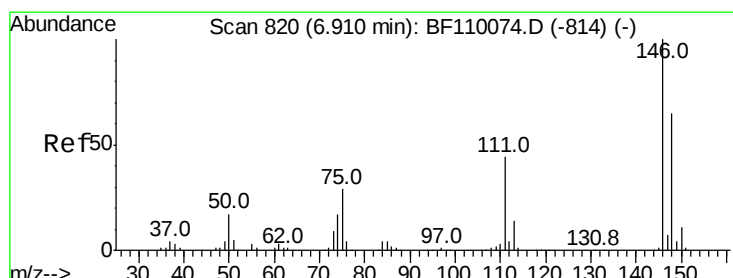
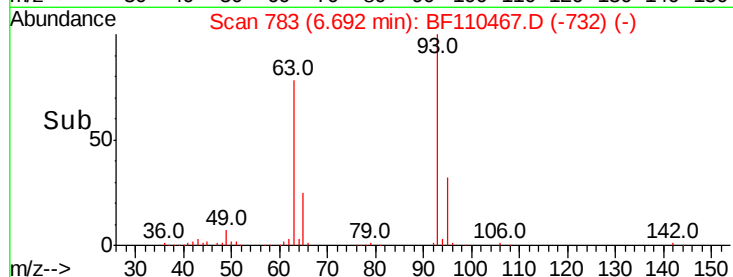
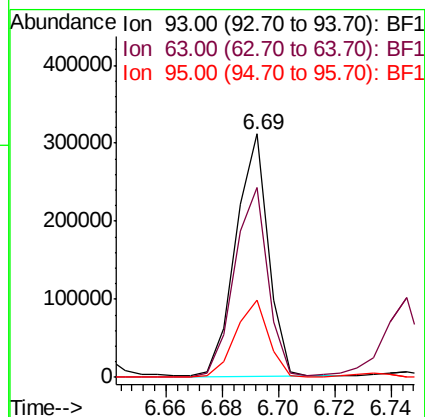
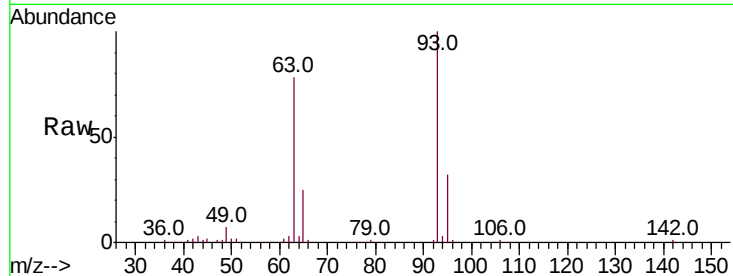
#11
bis(2-Chloroethyl)ether
Concen: 40.289 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	53.4	93.4
95	31.5	12.1	52.1

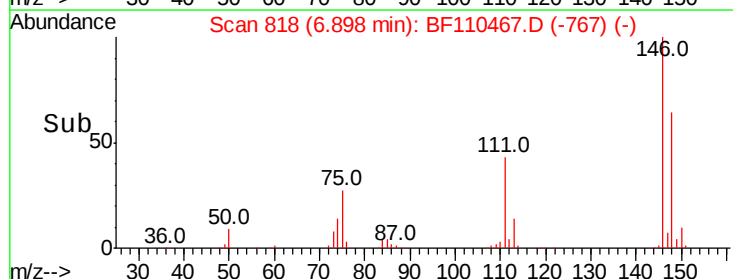
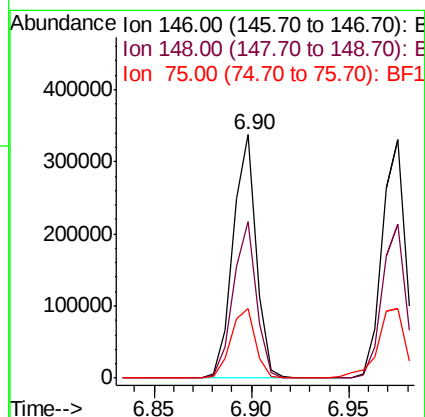
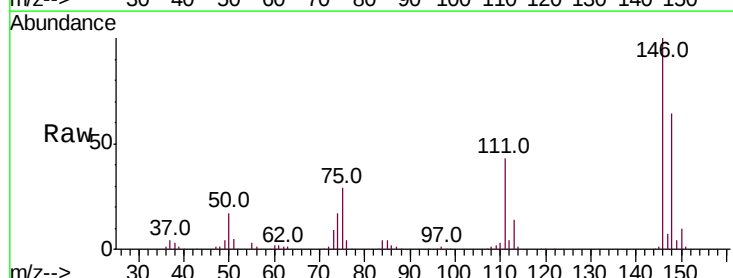
Manual Integrations
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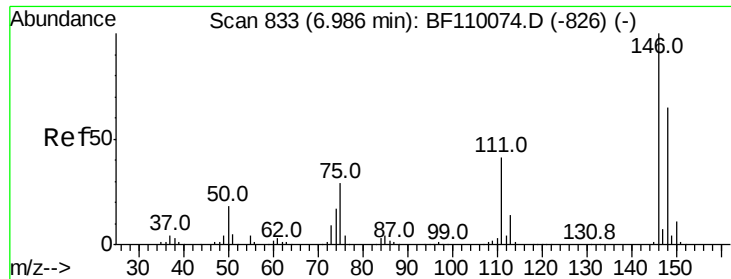
Sohil
11/6/2018 1:19:13 PM



#12
1,3-Dichlorobenzene
Concen: 40.036 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
75	28.6	25.8	38.6





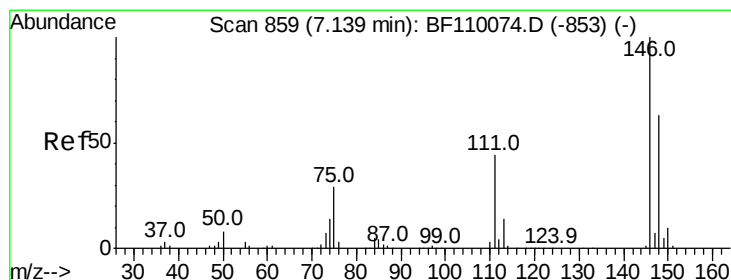
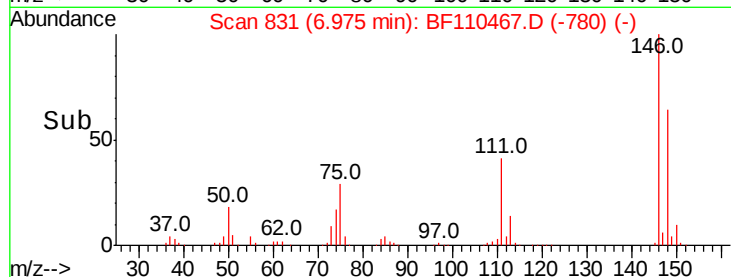
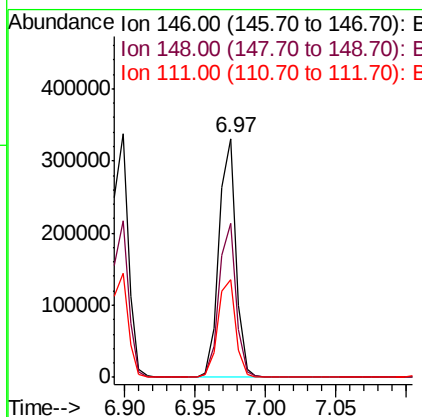
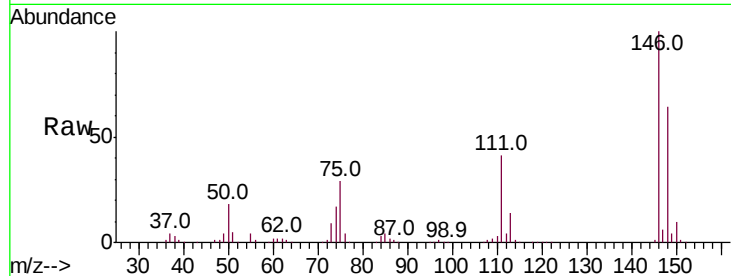
#13
 1,4-Dichlorobenzene
 Concen: 39.603 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.3	75.5
111	41.0	32.7	49.1

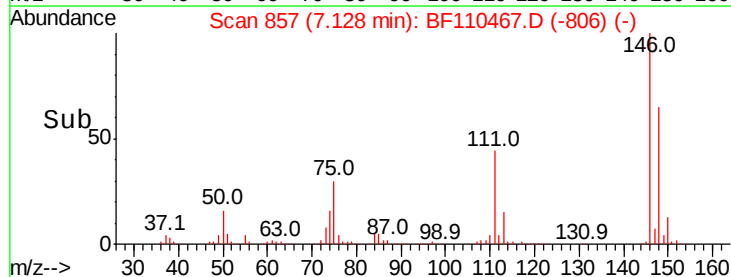
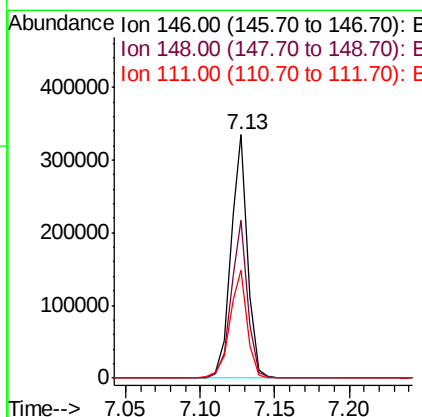
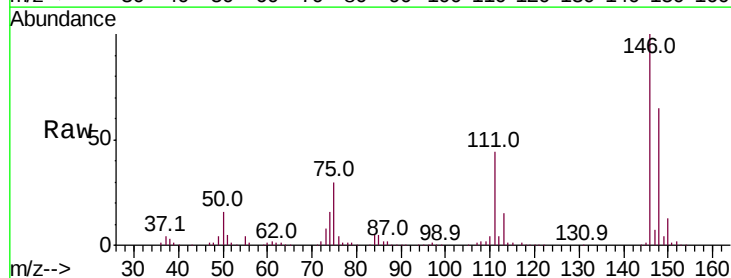
Manual Integrations
 APPROVED

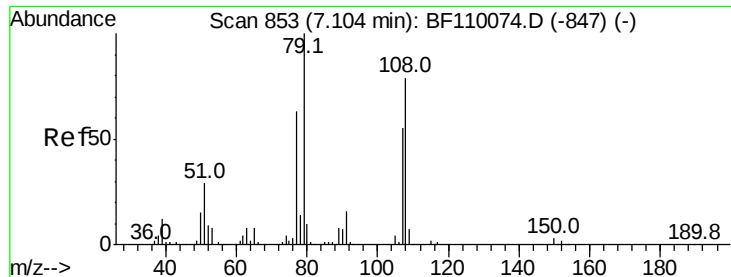
Sohil
 11/6/2018 1:19:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.611 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	44.4	35.8	53.6





#15

Benzyl Alcohol

Concen: 44.564 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Instrument :

BNA_F

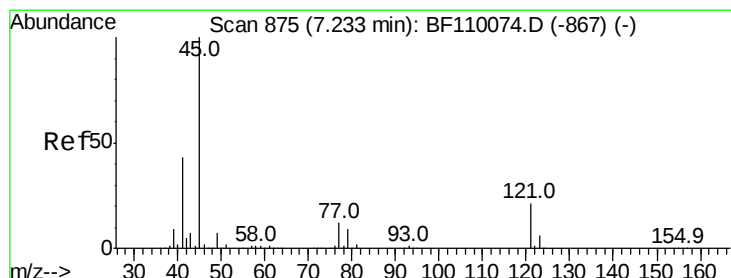
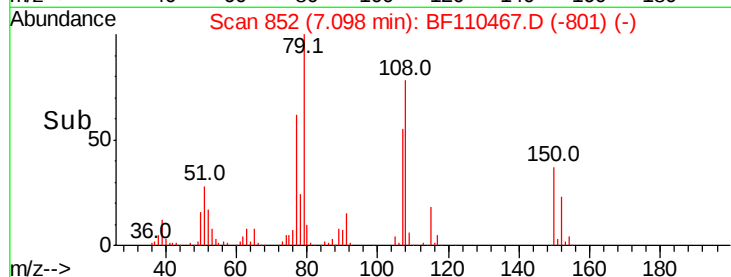
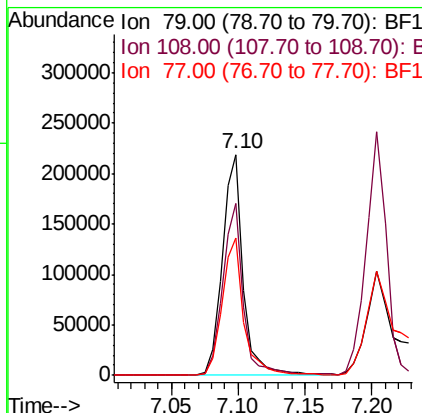
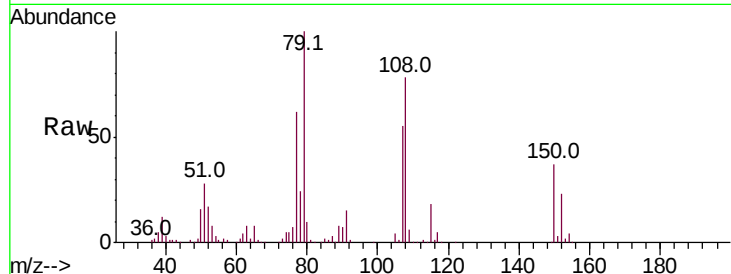
ClientSampled :

TP2-AMS

Tot Ion:	79	Resp:	240260
Ion Ratio	Lower	Upper	
79	100		
108	77.9	56.3	84.5
77	62.3	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.896 ng

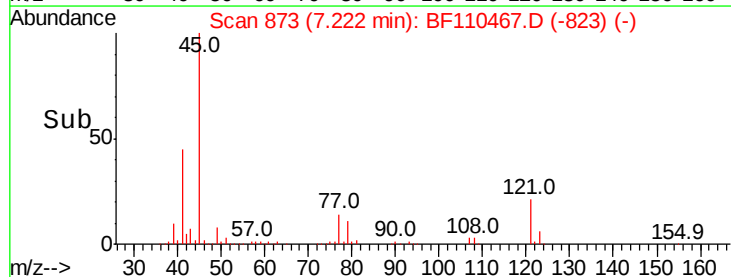
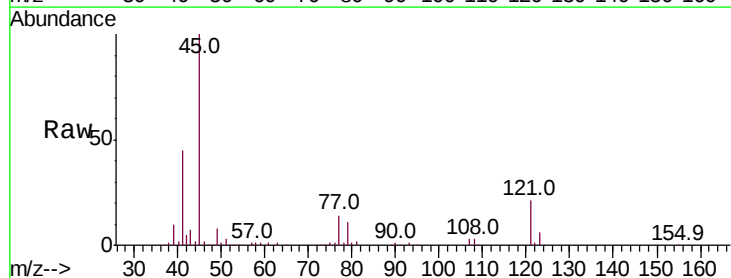
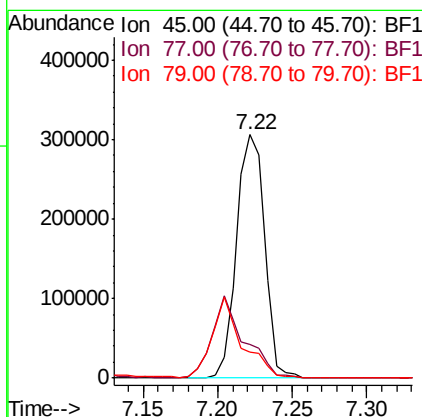
RT: 7.22 min Scan# 873

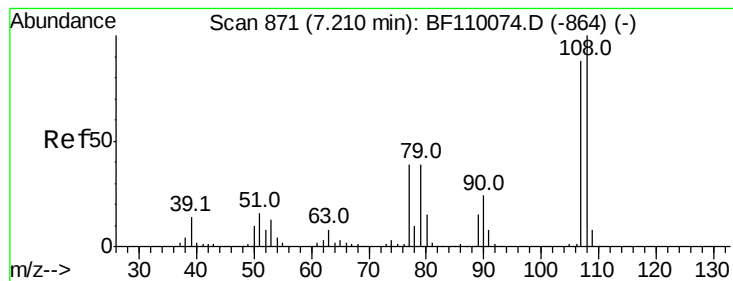
Delta R.T. -0.01 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Tgt Ion:	45	Resp:	403081
Ion Ratio	Lower	Upper	
45	100		
77	13.8	10.0	50.0
79	10.9	6.1	46.1





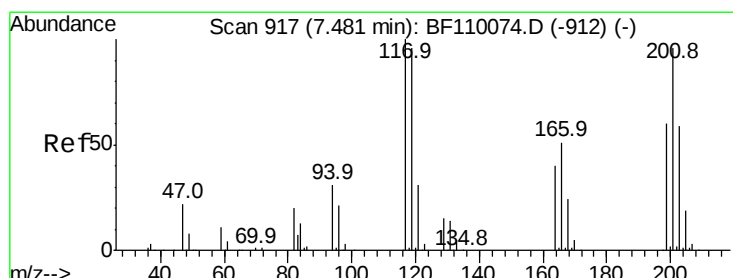
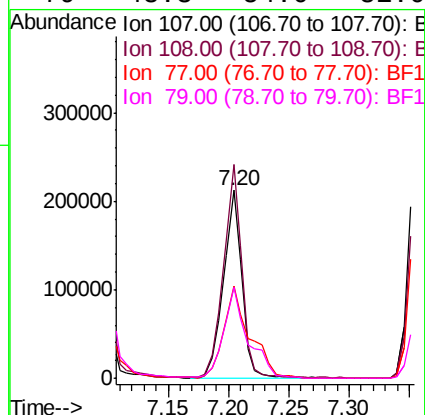
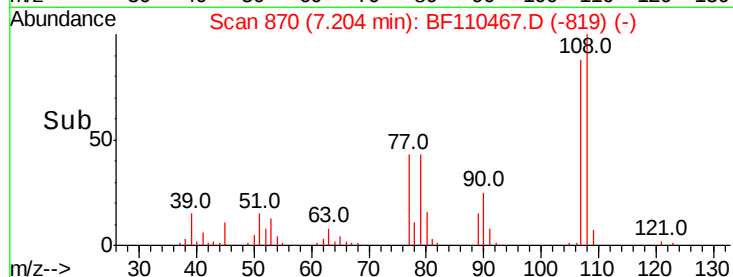
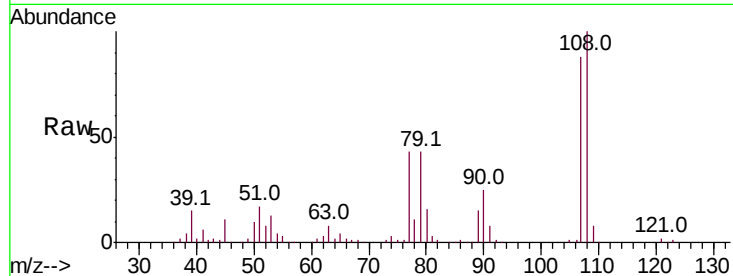
#17
2-Methylphenol
Concen: 44.443 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampled :
TP2-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	223789		
108	113.6	92.6	138.8	
77	48.7	59.4	89.2#	
79	48.3	54.0	81.0#	

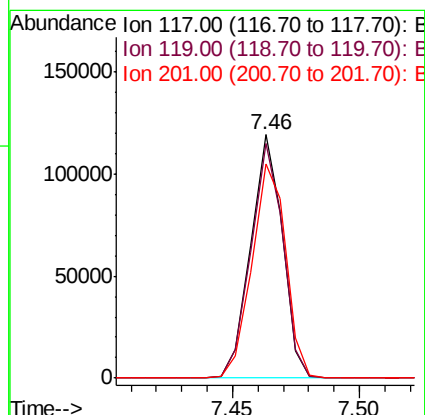
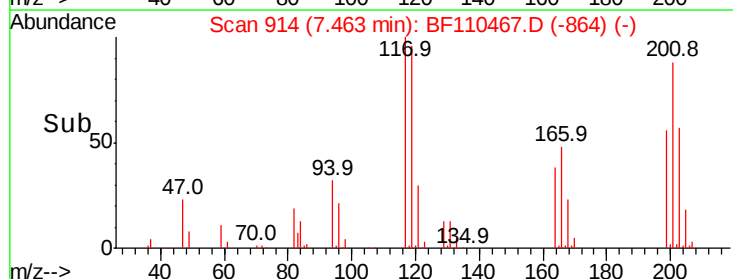
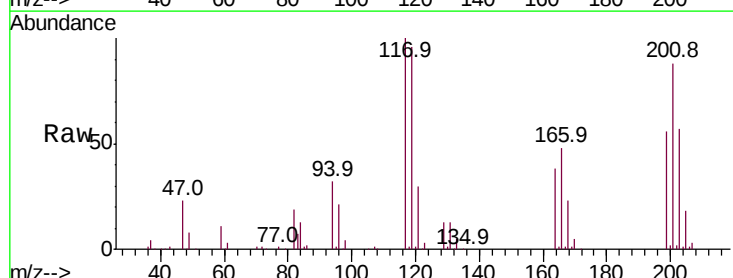
Manual Integrations
APPROVED

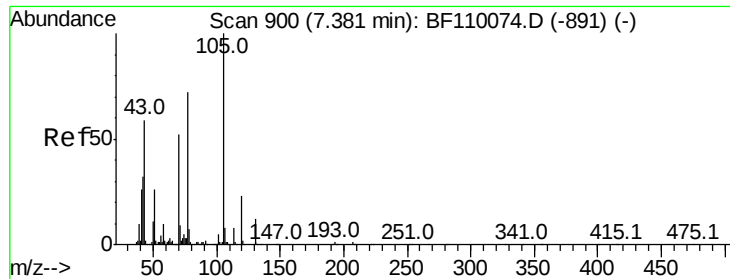
Sohil
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#18
Hexachloroethane
Concen: 40.496 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	104262		
119	96.2	75.0	112.6	
201	88.2	79.2	118.8	





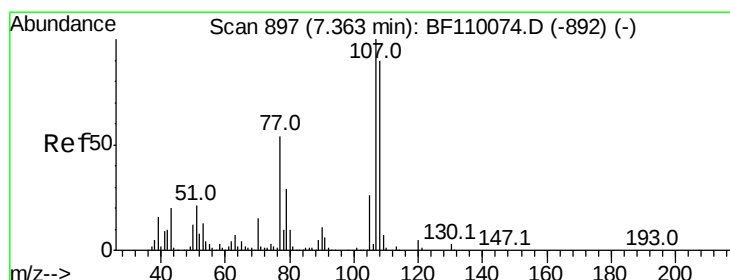
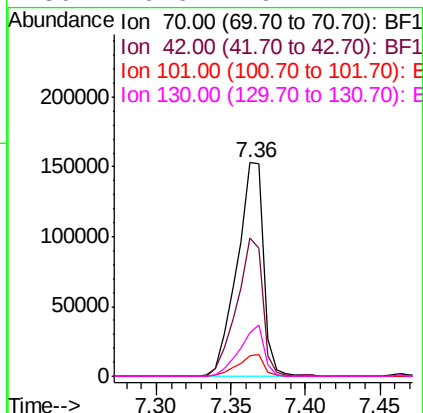
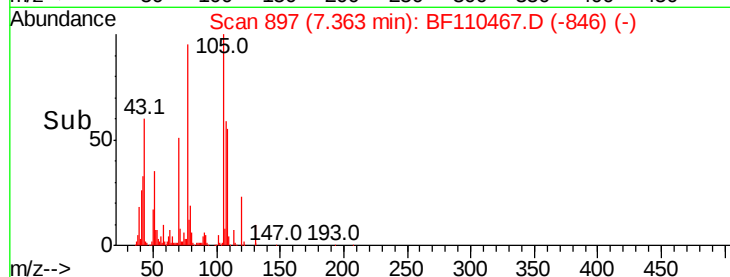
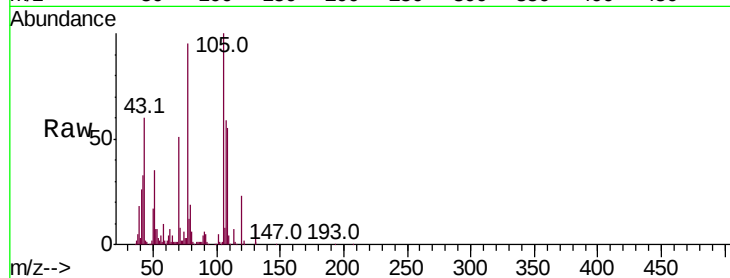
#19
n-Nitroso-di-n-propylamine
Concen: 42.281 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.4	71.2
101	9.5	7.3	10.9
130	20.6	16.2	24.2

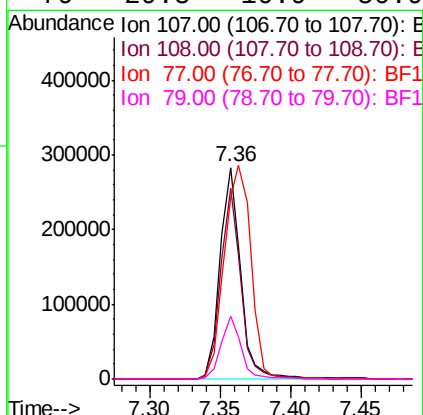
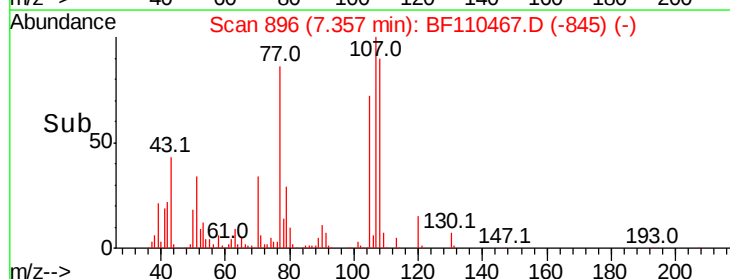
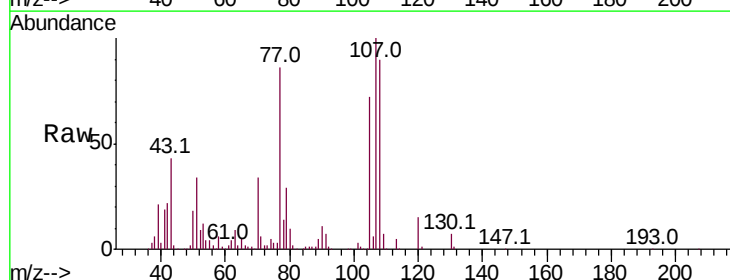
Manual Integrations
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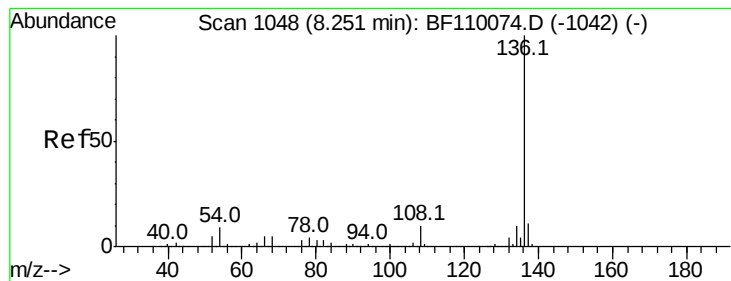
Sohil
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#20
3+4-Methylphenols
Concen: 43.963 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	71.4	111.4
77	85.8	47.3	87.3
79	29.5	10.9	50.9





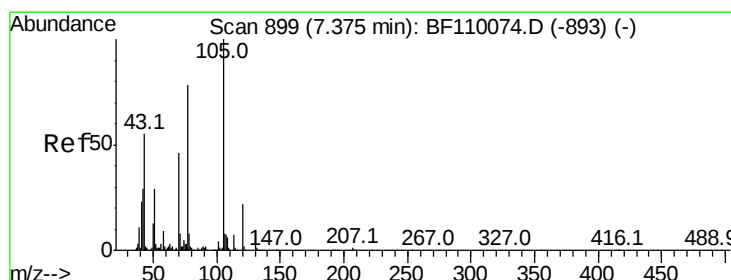
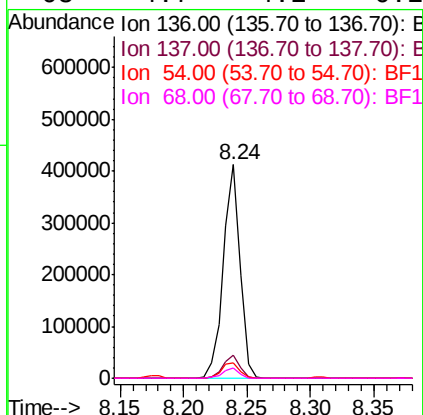
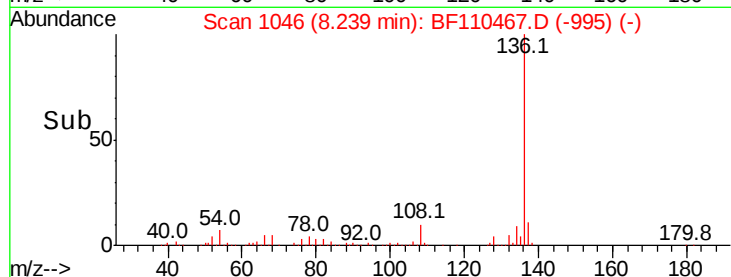
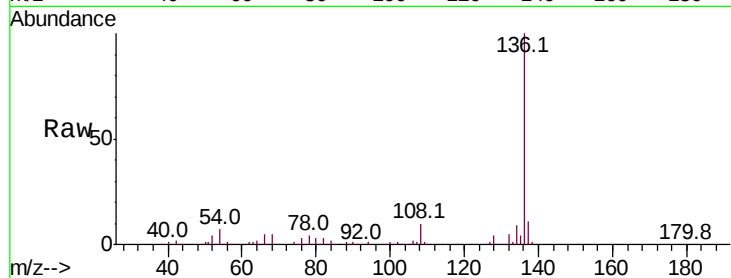
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	380315		
137	10.8		8.8	13.2
54	7.5		5.4	8.2
68	4.7		4.2	6.2

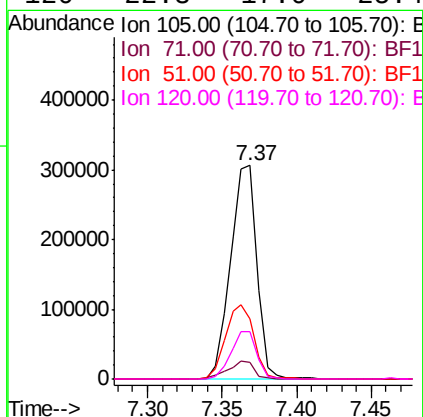
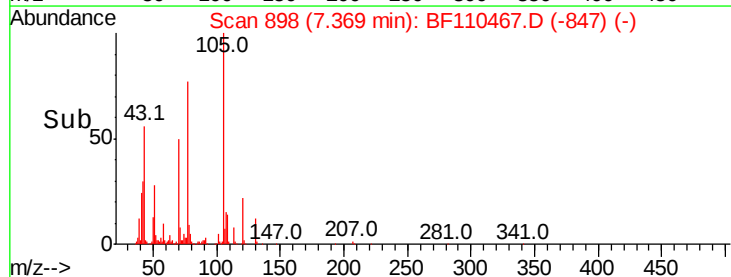
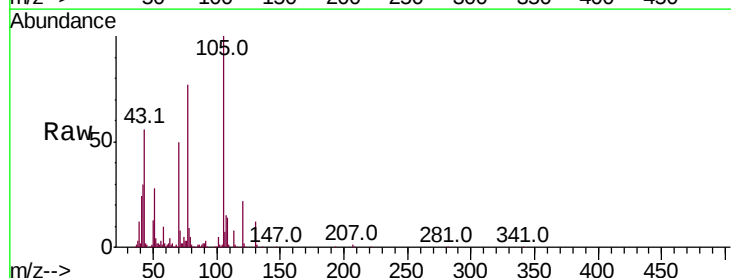
Manual Integrations
APPROVED

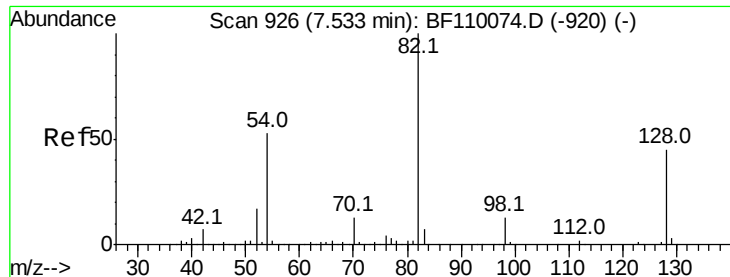
Sohil
11/6/2018 1:19:13 PM



#22
Acetophenone
Concen: 43.642 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	382449		
71	7.8		5.2	7.8
51	28.4		21.8	32.8
120	22.3		17.0	25.4





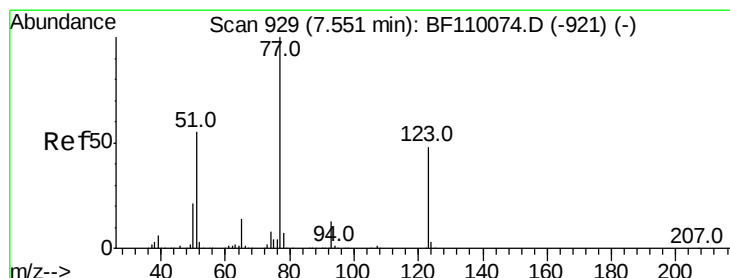
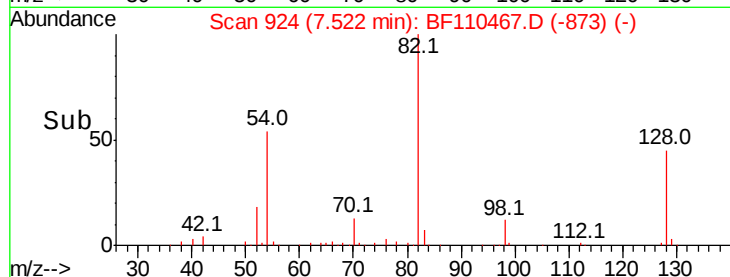
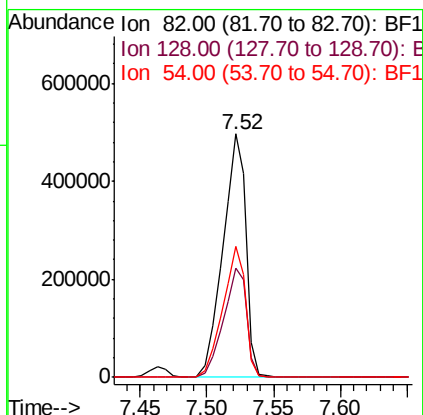
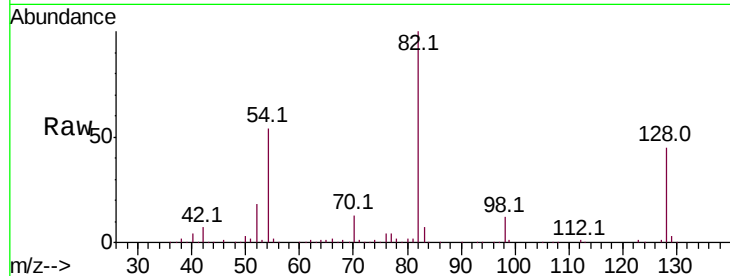
#23
 Nitrobenzene-d5
 Concen: 94.231 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Instrument :
 BNA_F
 ClientSampled :
 TP2-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.9	34.2	51.2	
54	53.6	38.6	58.0	

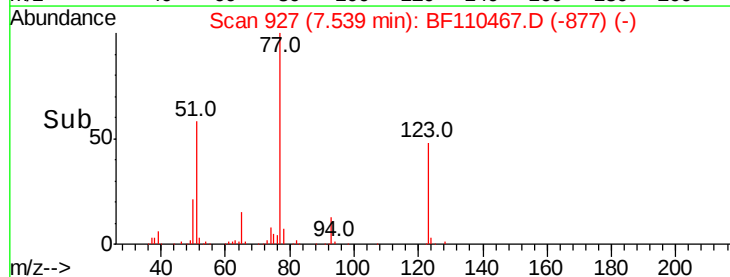
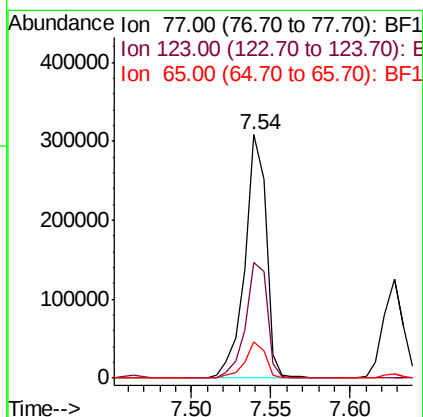
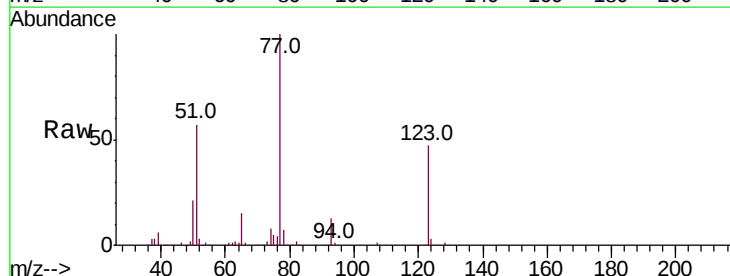
Manual Integrations
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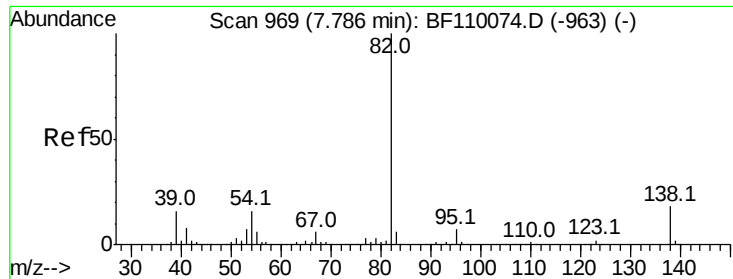
Sohil
 11/6/2018 1:19:13 PM



#24
 Nitrobenzene
 Concen: 43.114 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.3	35.7	53.5	
65	14.8	10.7	16.1	





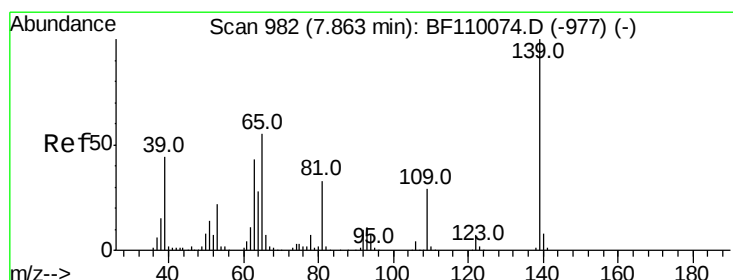
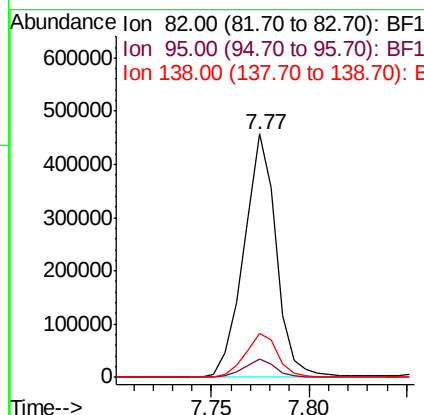
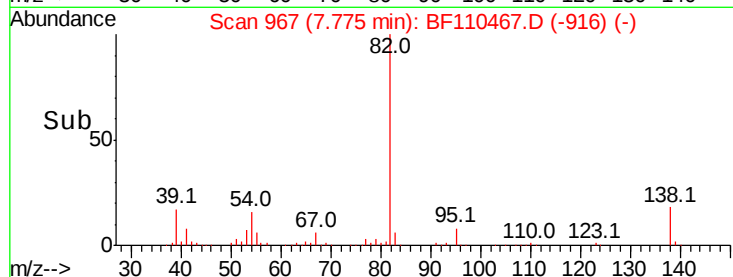
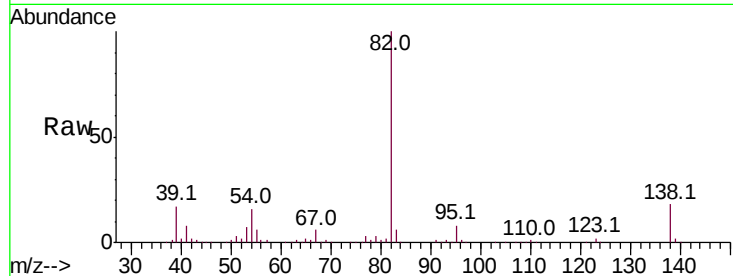
#25
Isophorone
Concen: 48.034 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.7	8.5
138	18.2	13.2	19.8

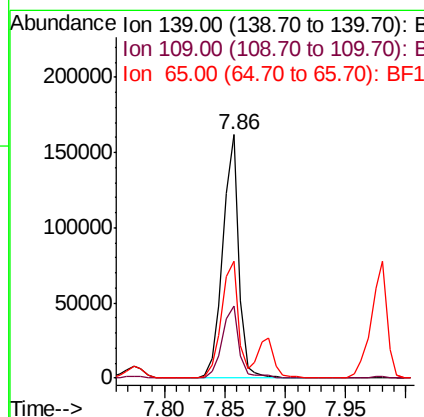
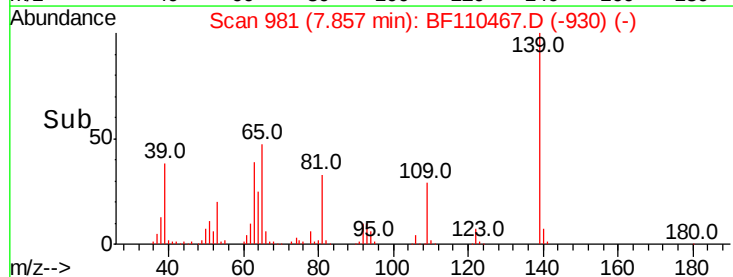
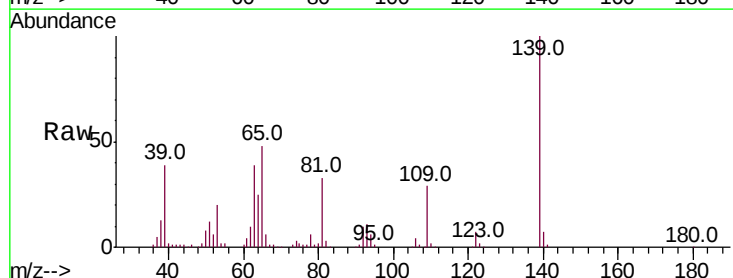
Manual Integrations
APPROVED

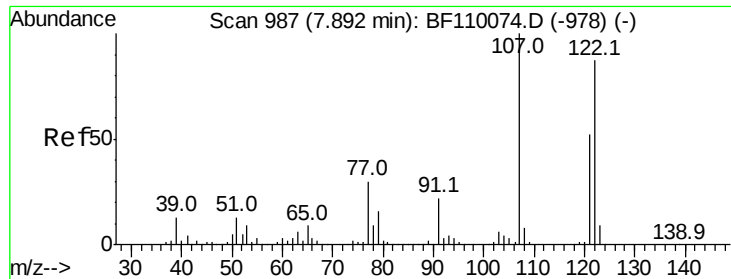
Sohil
11/6/2018 1:19:13 PM



#26
2-Nitrophenol
Concen: 46.674 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.4	25.0	37.6
65	47.8	44.0	66.0





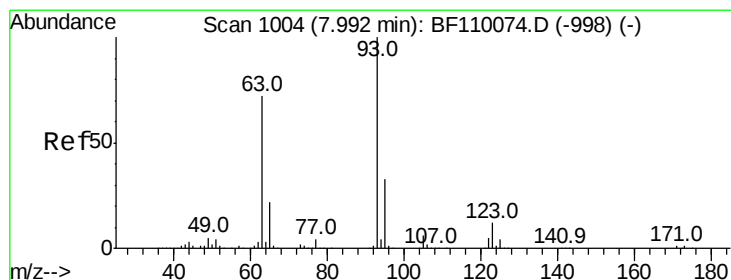
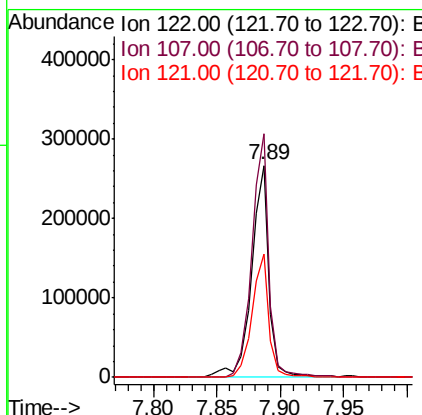
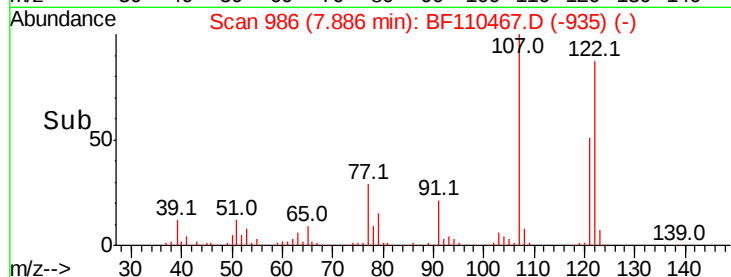
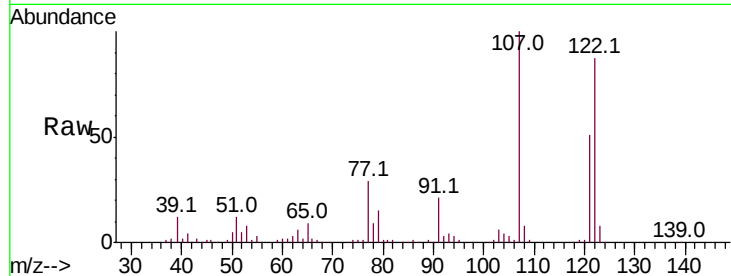
#27
2,4-Dimethylphenol
Concen: 49.596 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampled :
TP2-AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	259034		
107	114.8	92.5	138.7	
121	58.0	45.8	68.8	

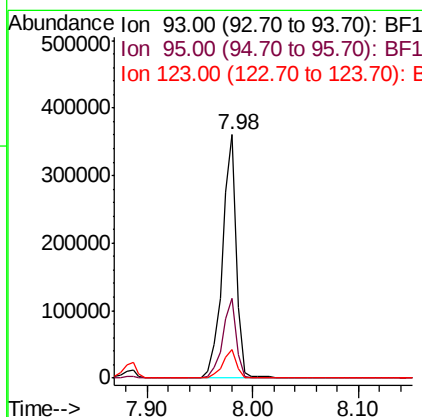
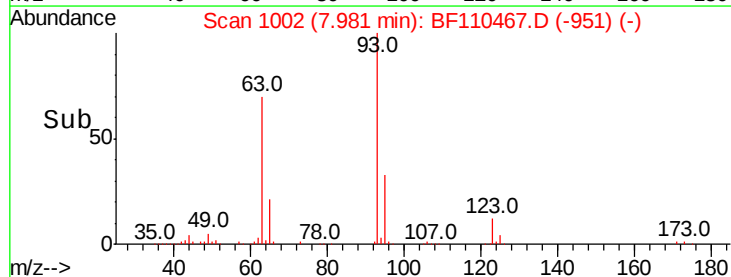
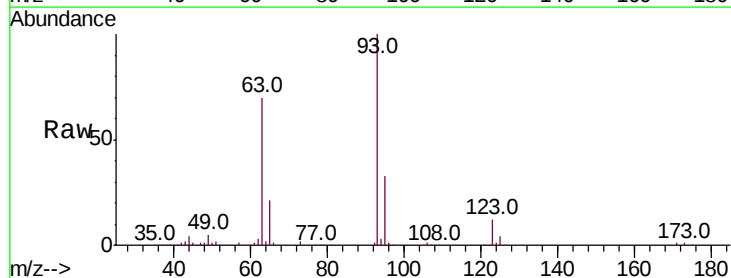
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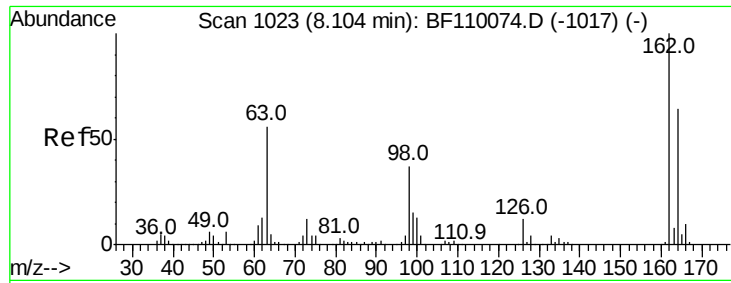
Sohil
11/6/2018 1:19:13 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.737 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	332177		
95	32.7	26.4	39.6	
123	11.9	9.0	13.6	





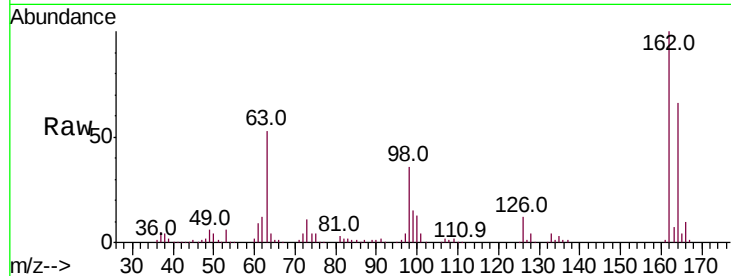
#29
2,4-Dichlorophenol
Concen: 44.596 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.9	44.6	84.6
98	36.0	17.4	57.4

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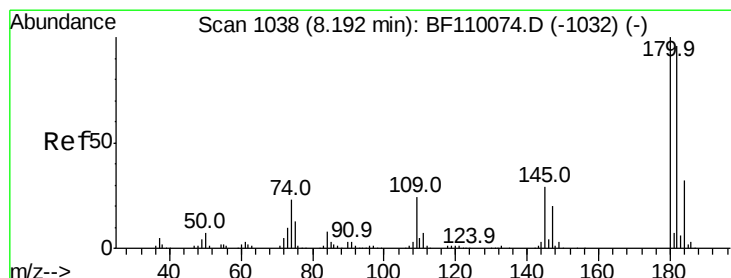
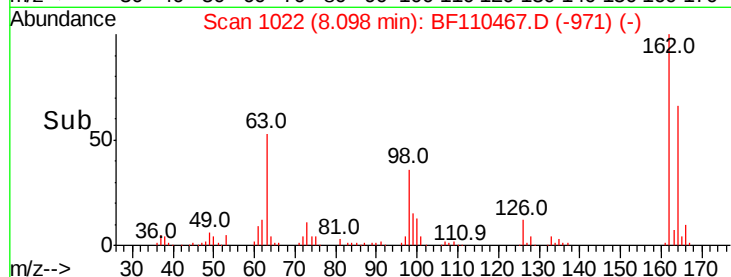
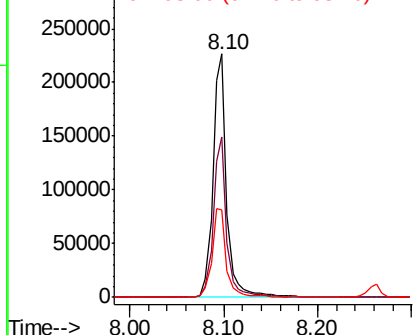


Abundance

Ion 162.00 (161.70 to 162.70): E

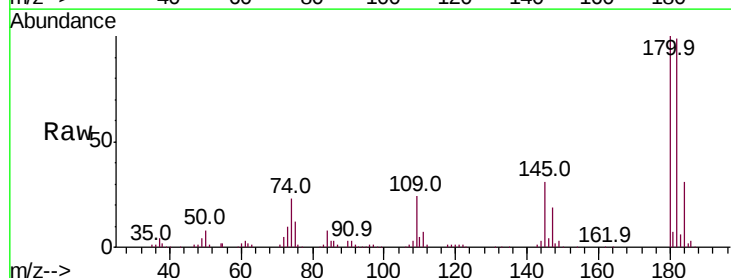
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.256 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.7	80.3	120.5
145	30.8	25.4	38.0

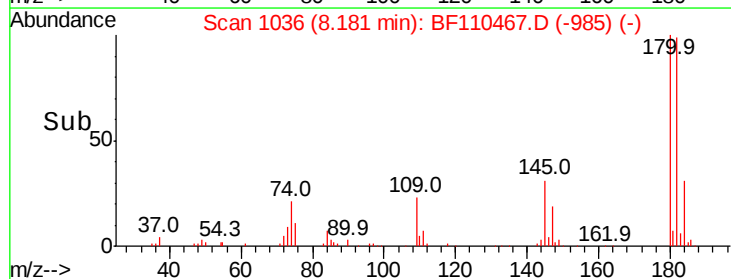
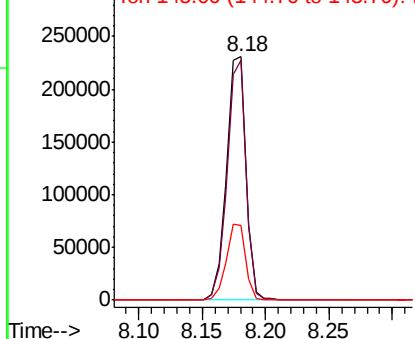


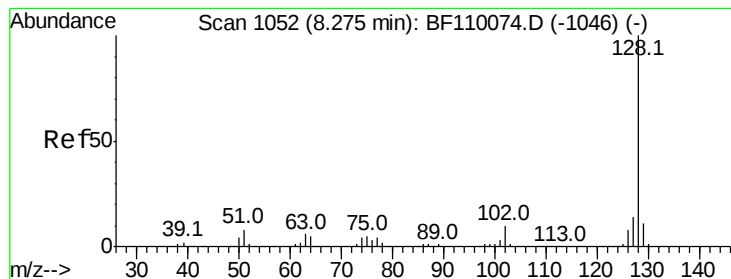
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.935 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Instrument :

BNA_F

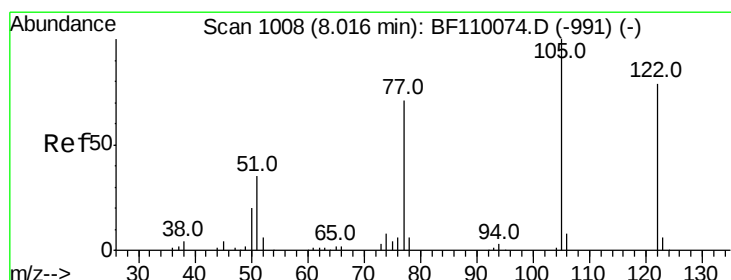
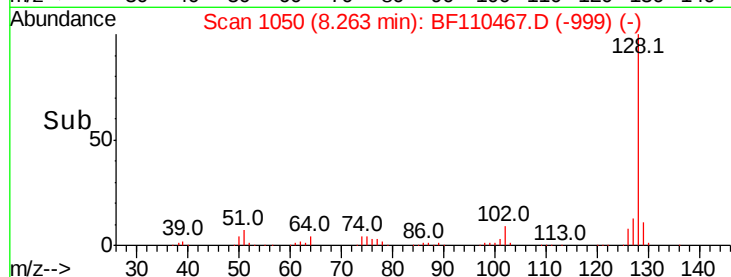
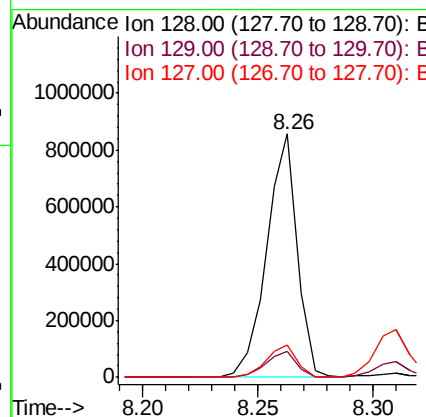
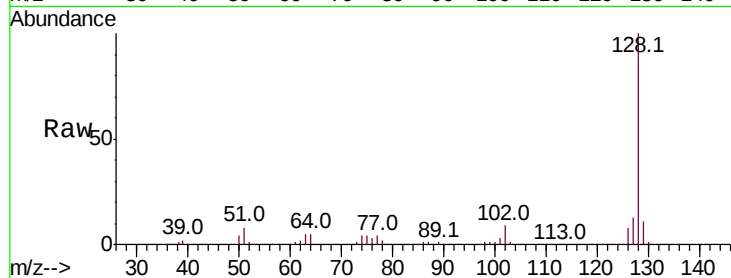
ClientSampled :

TP2-AMS

Tot Ion:	128	Resp:	787633
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	13.3	10.8	16.2

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#32

Benzoic acid

Concen: 1.184 ng m

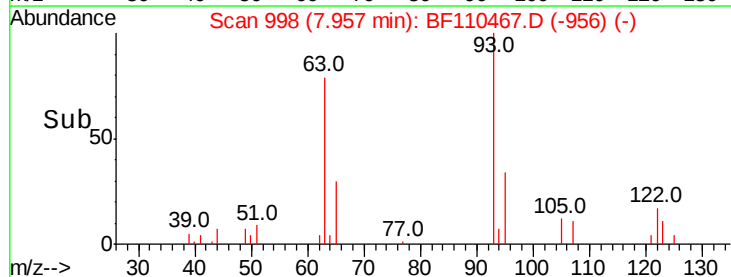
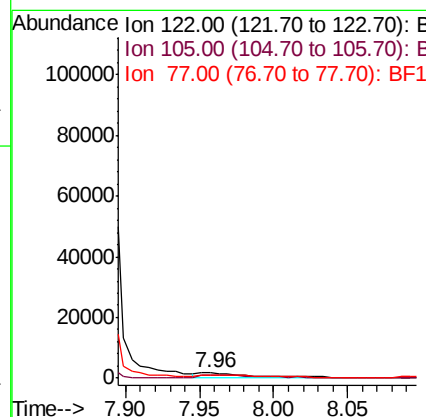
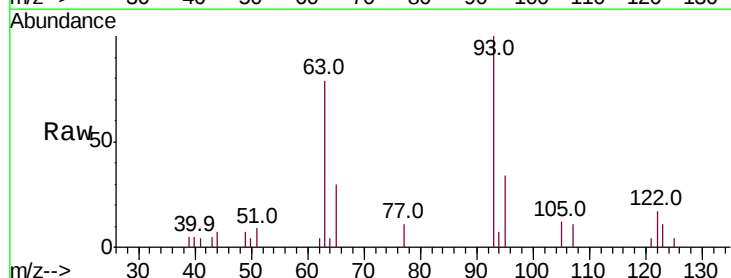
RT: 7.96 min Scan# 998

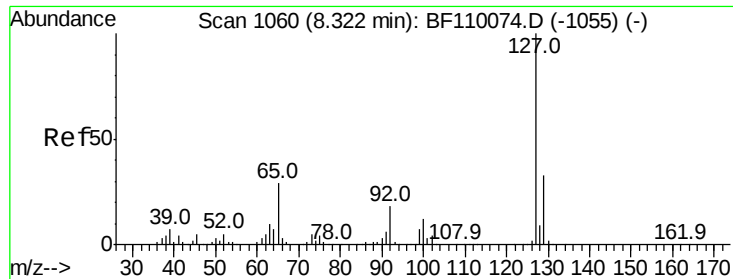
Delta R.T. -0.05 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Tgt Ion:	122	Resp:	4781
Ion Ratio	Lower	Upper	
122	100		
105	68.8	109.0	149.0#
77	61.9	79.0	119.0#





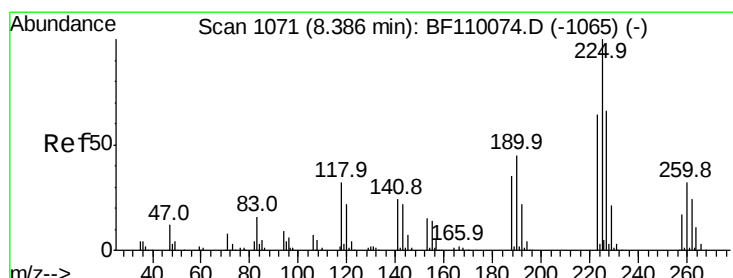
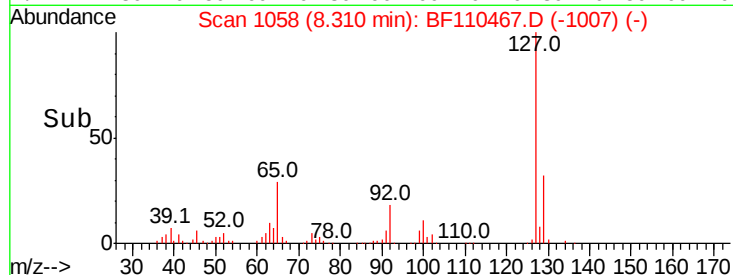
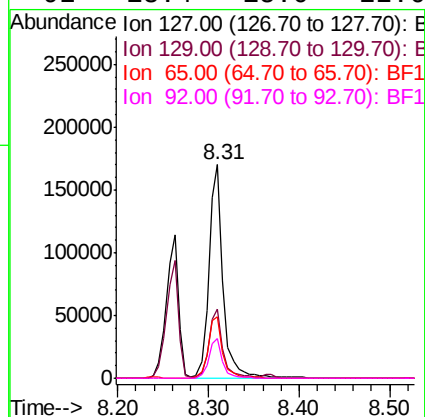
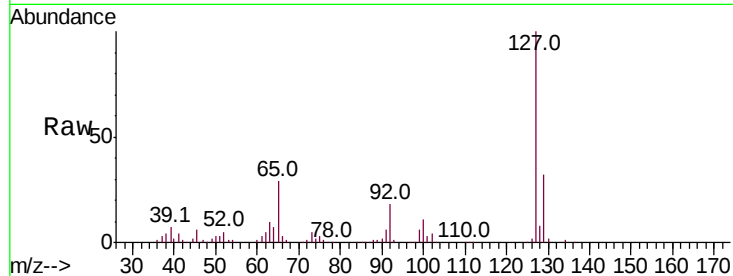
#33
4-Chloroaniline
Concen: 23.700 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampled :
TP2-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.0	39.0		
65	28.8	25.1	37.7		
92	18.4	15.0	22.6		

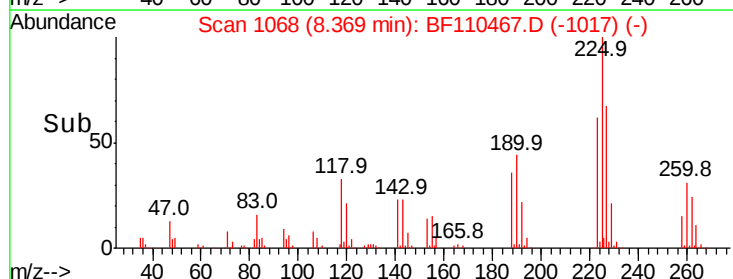
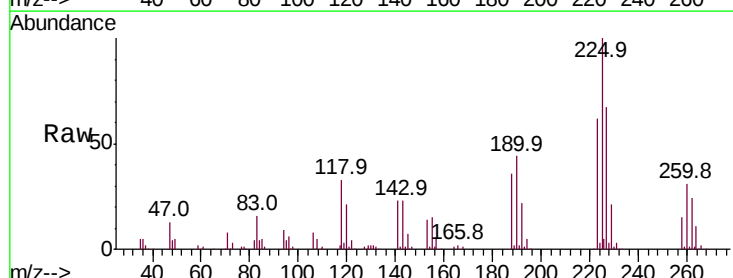
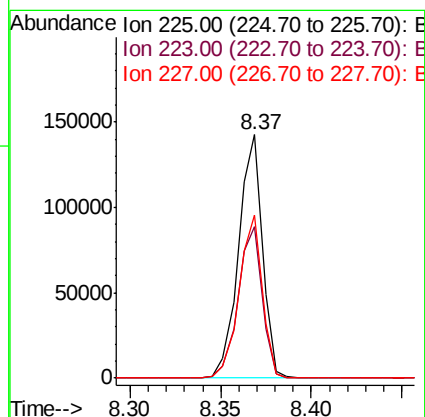
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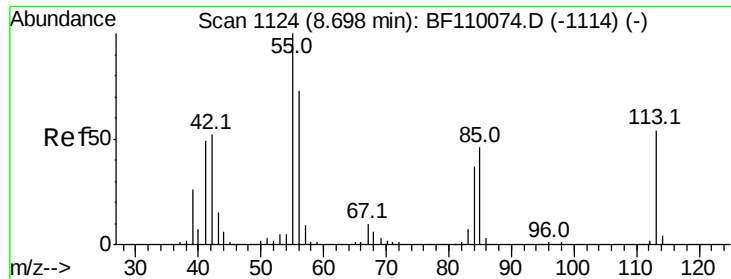
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#34
Hexachlorobutadiene
Concen: 39.814 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	51.4	77.2		
227	66.9	51.0	76.6		





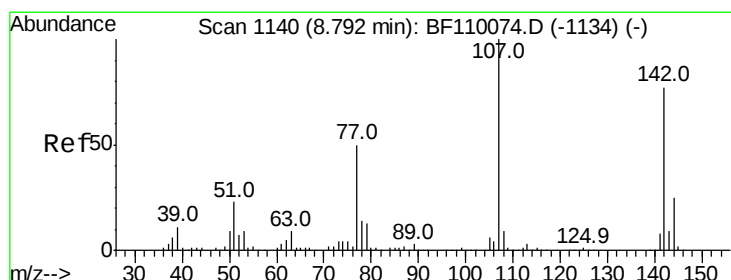
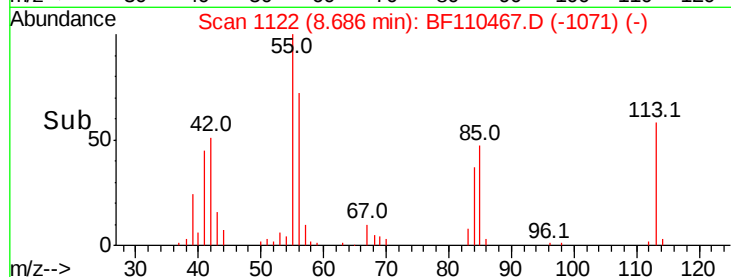
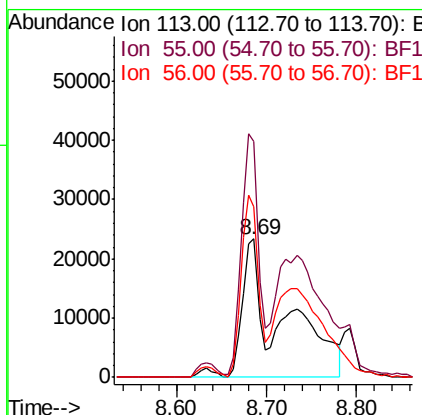
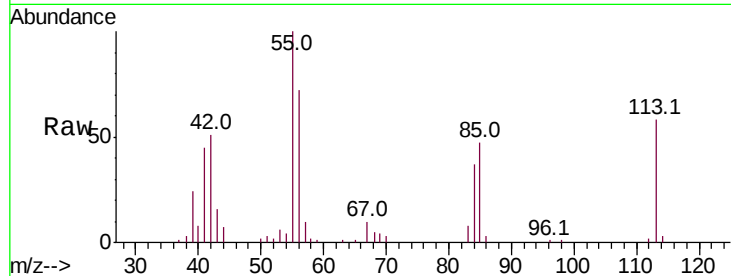
#35
Caprolactam
Concen: 38.974 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampled :
TP2-AMS

Tot Ion:113 Resp: 71678
Ion Ratio Lower Upper
113 100
55 171.2 142.8 182.8
56 123.6 105.0 145.0

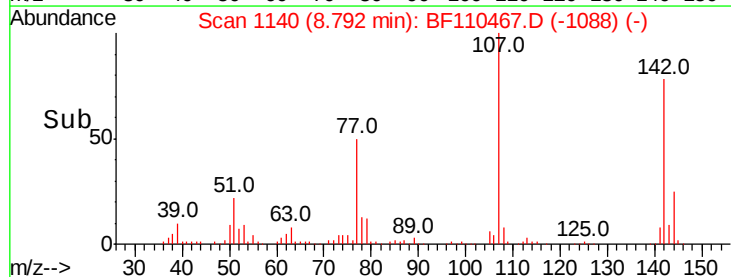
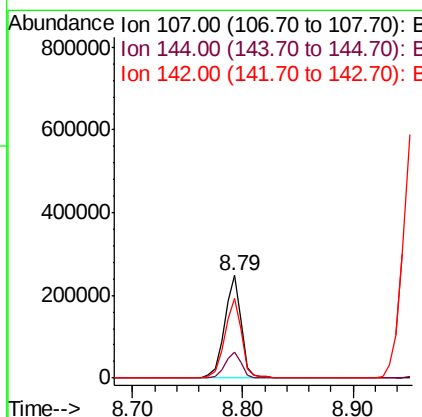
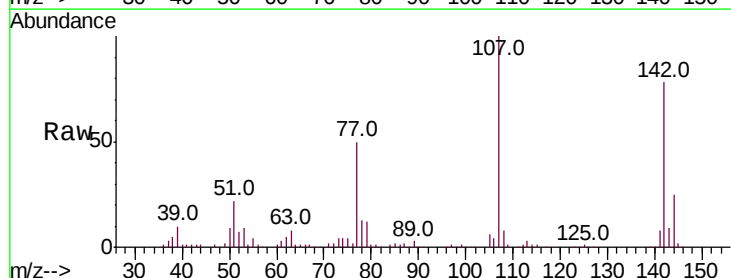
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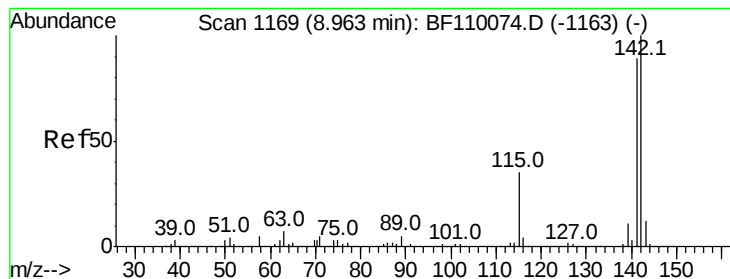
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#36
4-Chloro-3-methylphenol
Concen: 45.845 ng/ml
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion:107 Resp: 261585
Ion Ratio Lower Upper
107 100
144 24.9 20.0 30.0
142 78.2 59.7 89.5





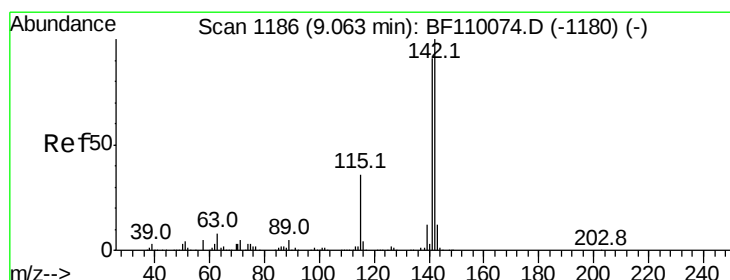
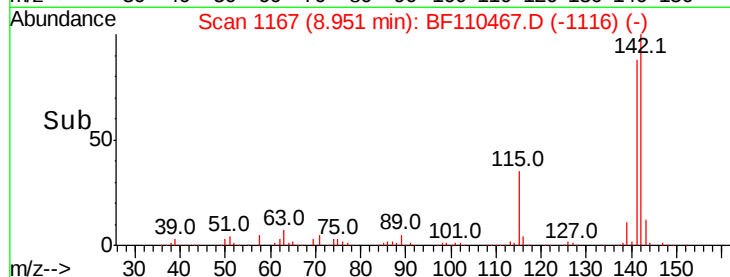
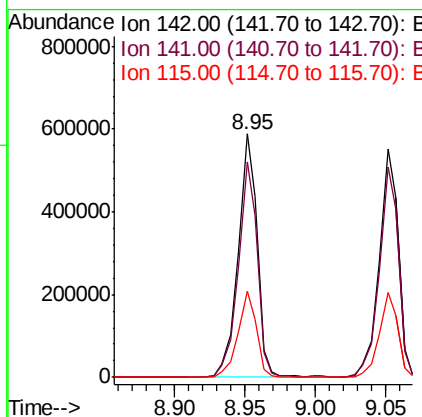
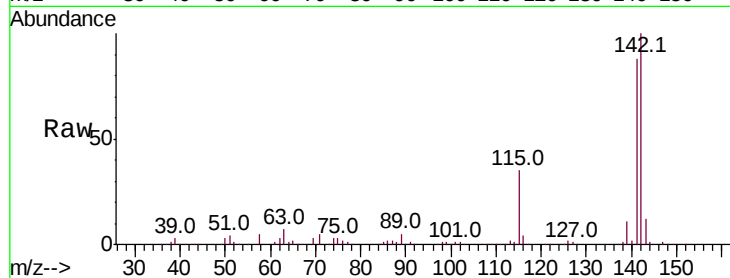
#37
2-Methylnaphthalene
Concen: 47.637 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2
115	35.2	28.7	43.1

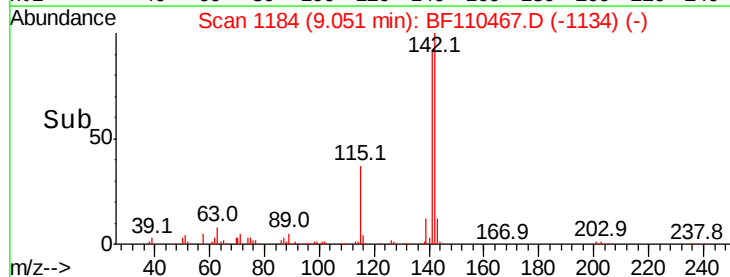
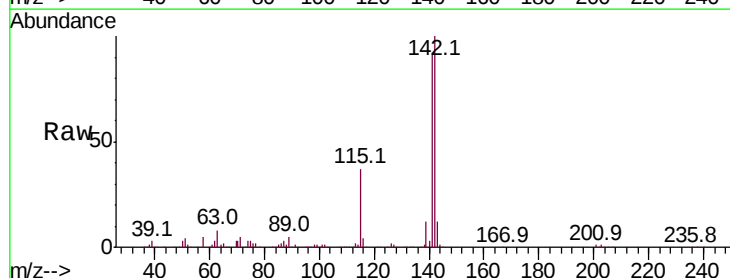
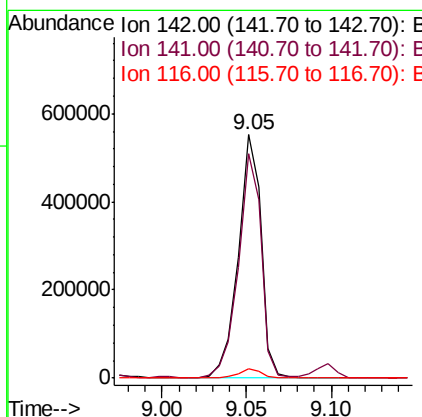
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#38
1-Methylnaphthalene
Concen: 46.144 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4
116	3.9	2.6	4.0





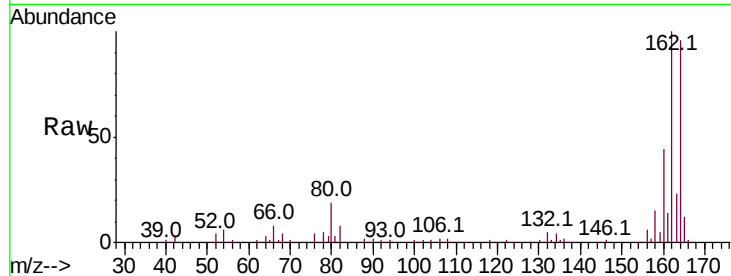
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.6
160	45.9	37.0	55.6

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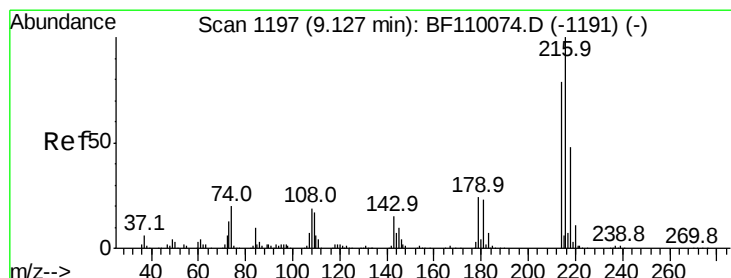
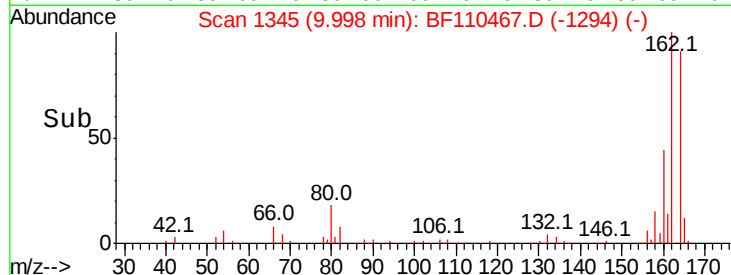
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.942 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.5	63.8	95.6
179	23.1	16.6	25.0
108	21.0	15.1	22.7

Abundance

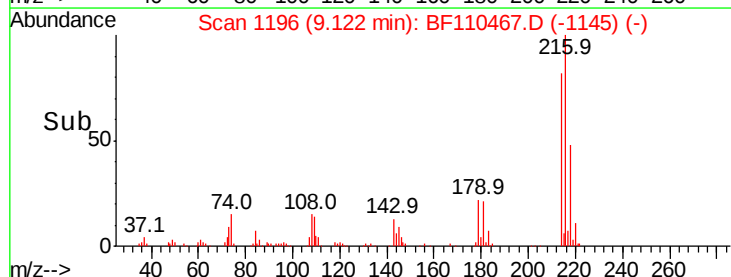
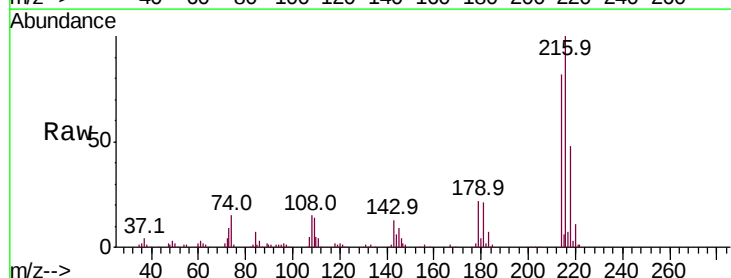
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->





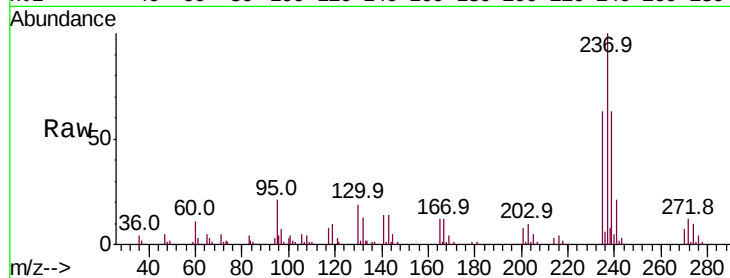
#41
Hexachlorocyclopentadiene
Concen: 69.660 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

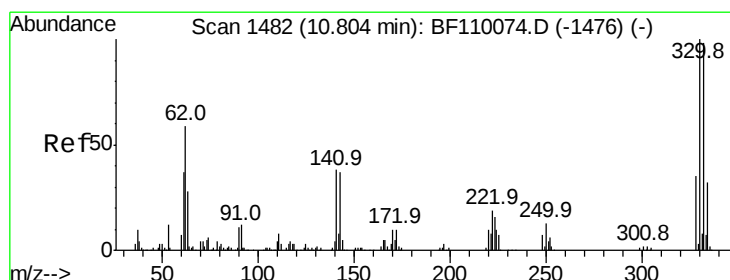
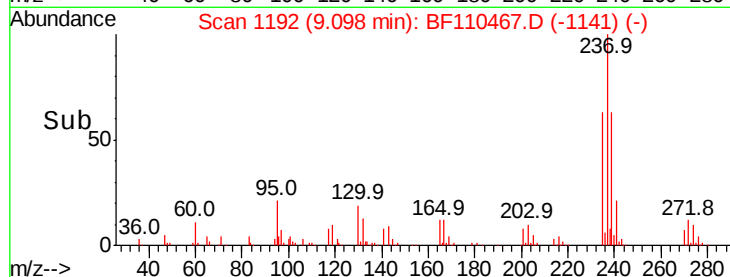
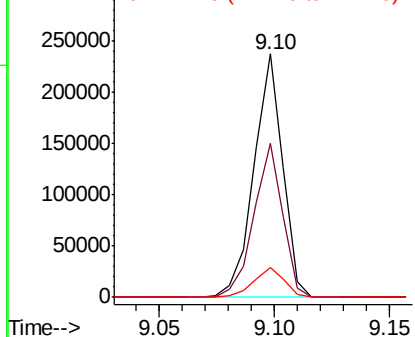
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	43.1	83.1
272	12.5	0.0	32.6

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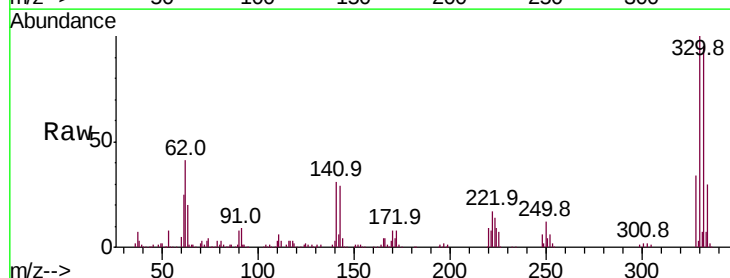


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

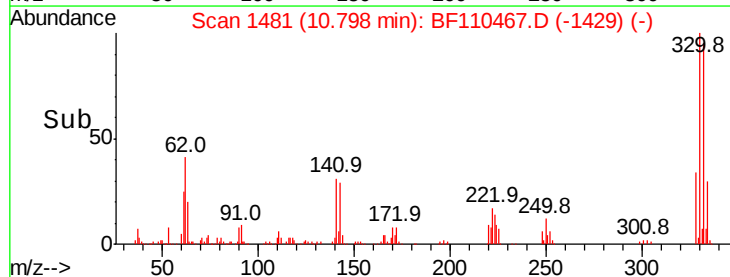
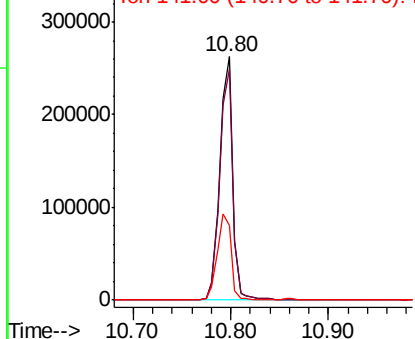


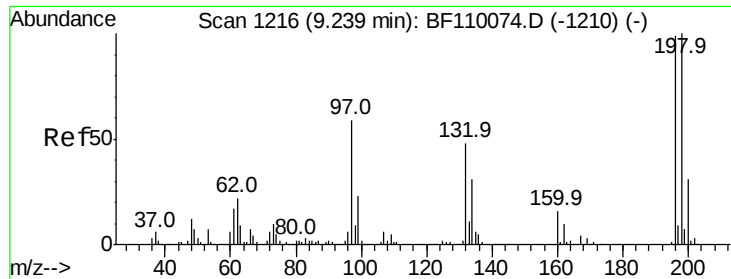
#42
2,4,6-Tribromophenol
Concen: 131.697 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	77.1	115.7
141	37.6	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





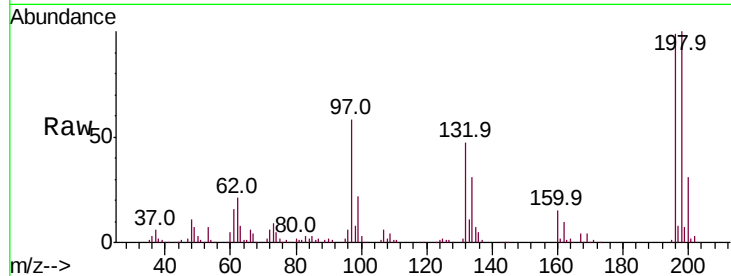
#43
 2,4,6-Trichlorophenol
 Concen: 42.825 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Instrument :
 BNA_F
 ClientSampled :
 TP2-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	160464		
198	101.3	76.2	114.4	
200	31.5	24.4	36.6	

Manual Integrations
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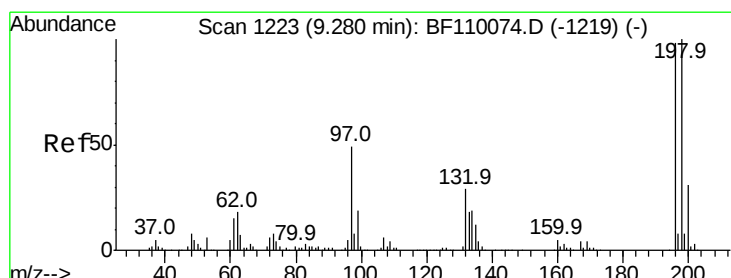
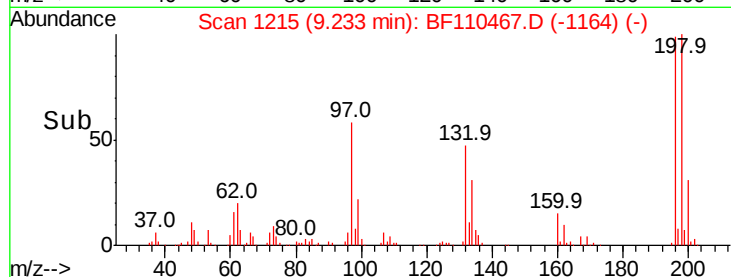
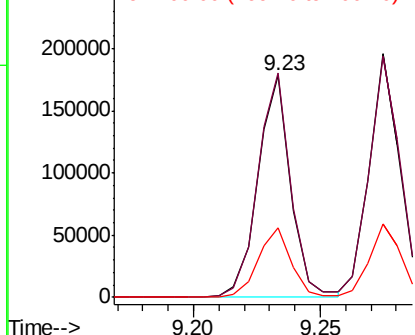


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.991 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	174233		
198	99.1	75.8	113.6	
97	54.1	42.4	63.6	
132	31.5	22.8	34.2	

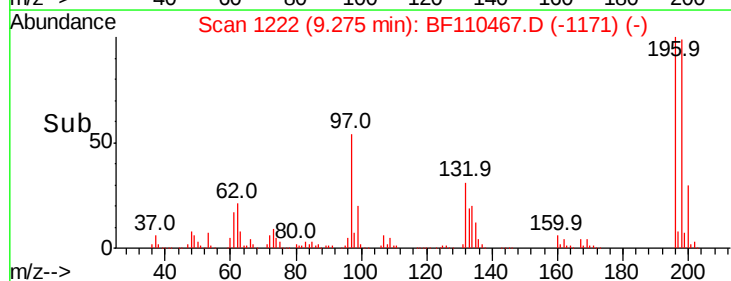
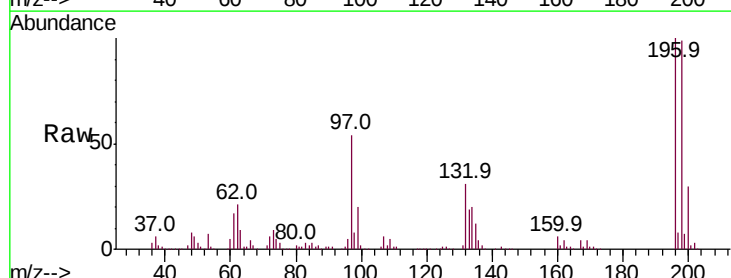
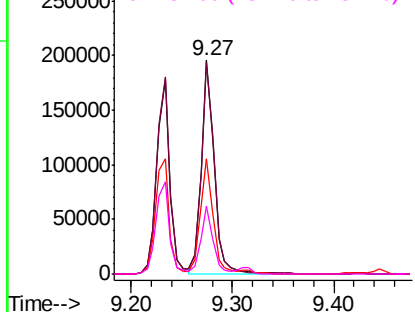
Abundance

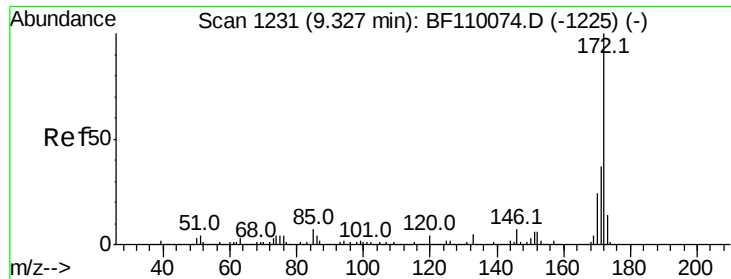
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





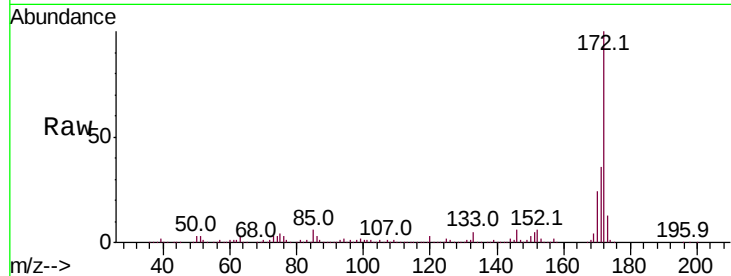
#45
2-Fluorobiphenyl
Concen: 89.111 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampled :
TP2-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.5	19.7	29.5

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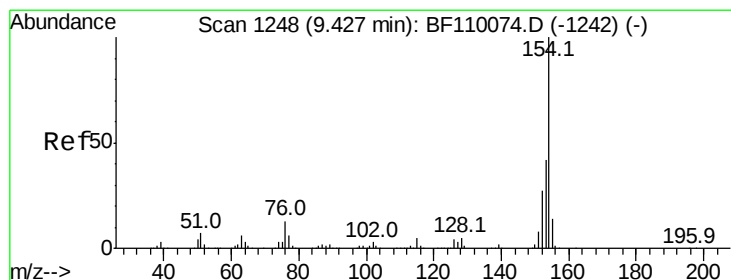
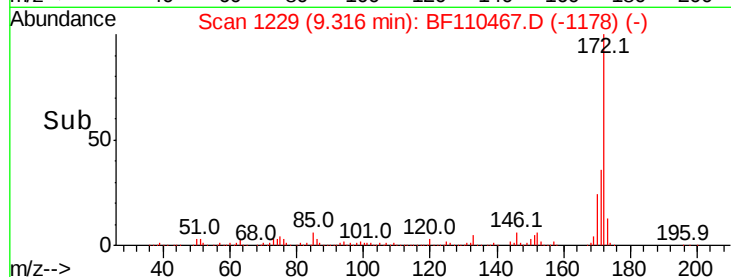
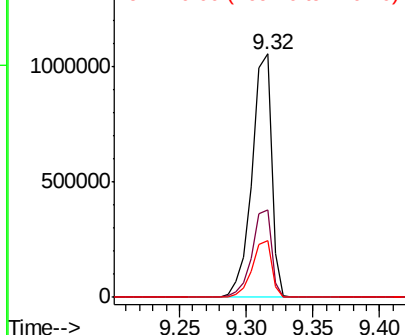


Abundance

Ion 172.00 (171.70 to 172.70): E

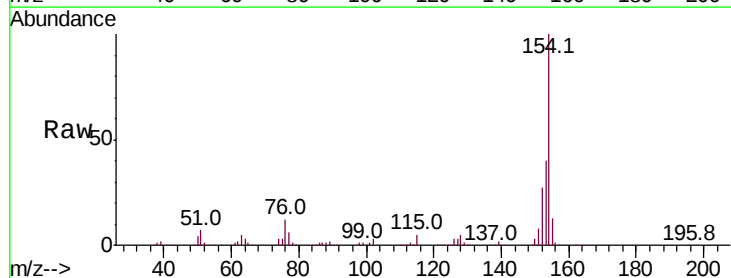
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.026 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	11.7	0.0	31.9

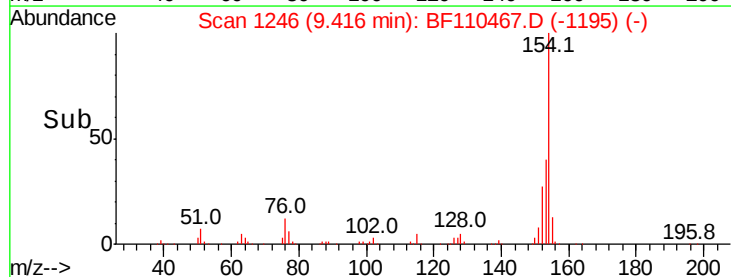
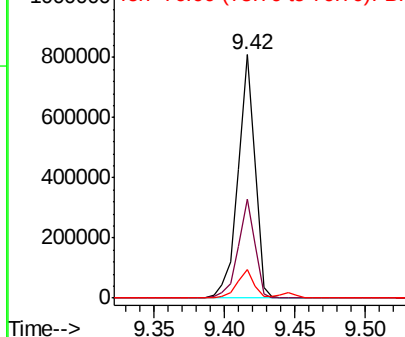


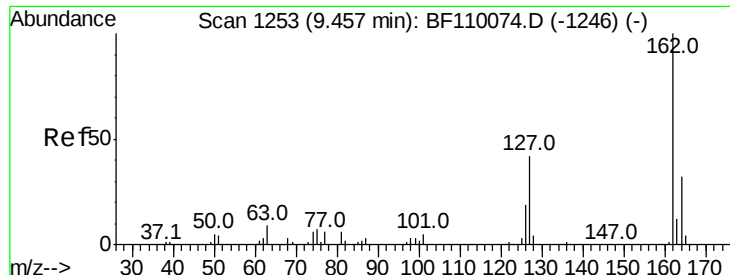
Abundance

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





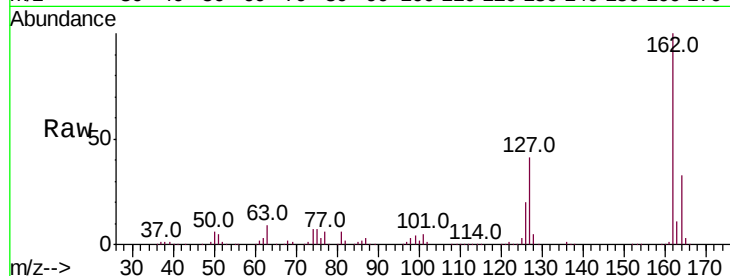
#47
 2-Chloronaphthalene
 Concen: 41.301 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMS

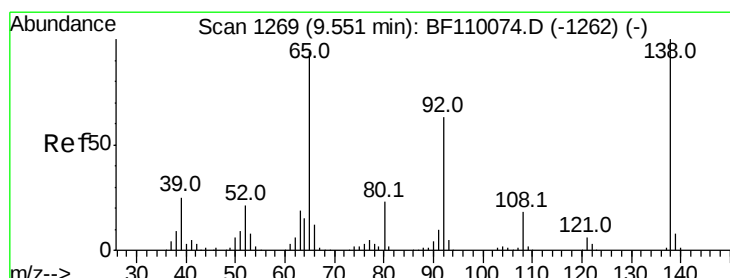
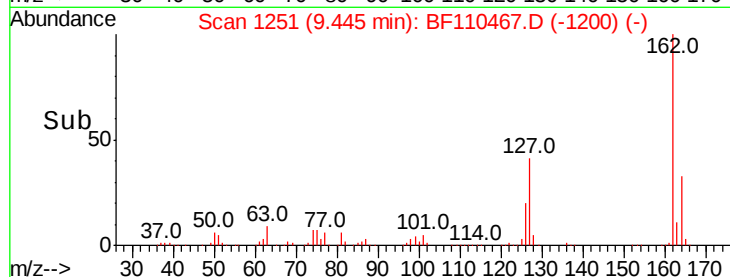
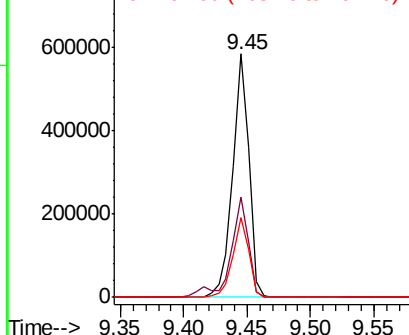
Tot Ion:	162	Resp:	510797
Ion Ratio	Lower	Upper	
162	100		
127	41.0	32.6	48.8
164	32.6	25.9	38.9

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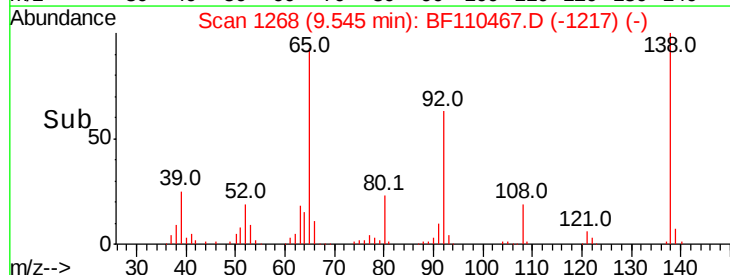
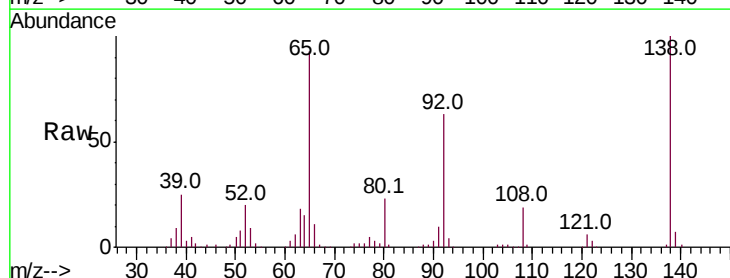
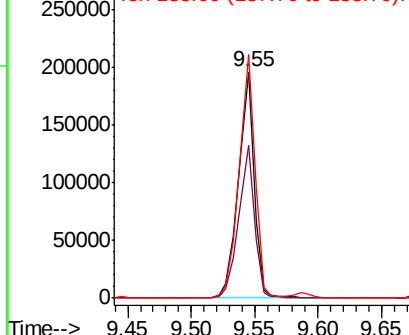
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

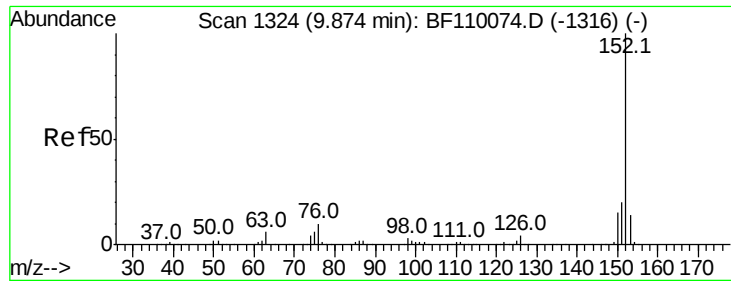


#48
 2-Nitroaniline
 Concen: 44.585 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Tgt Ion:	65	Resp:	167092
Ion Ratio	Lower	Upper	
65	100		
92	67.9	54.6	81.8
138	107.8	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





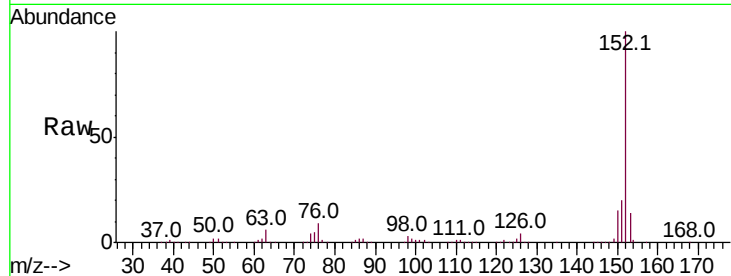
#49
Acenaphthylene
Concen: 44.721 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	14.0	10.4	15.6

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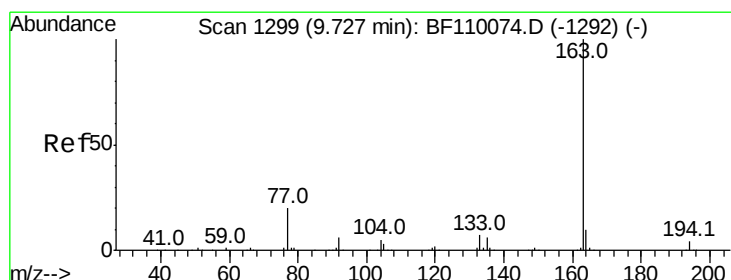
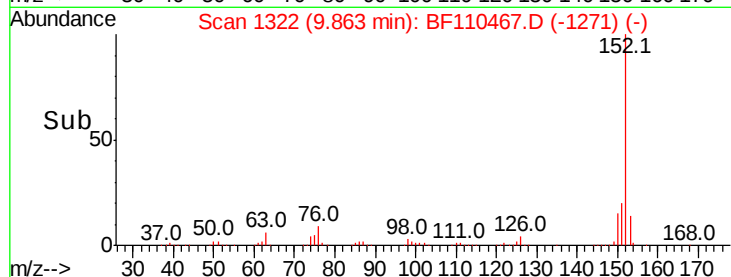
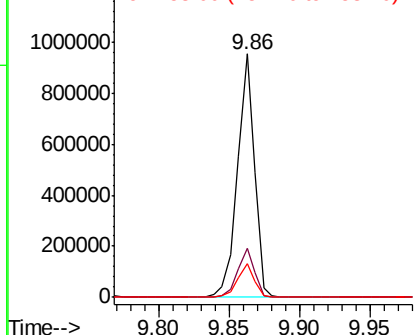


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 53.891 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

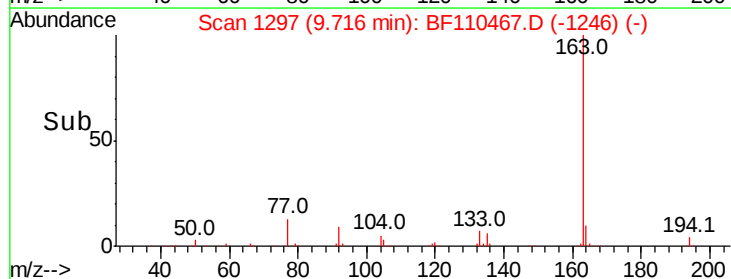
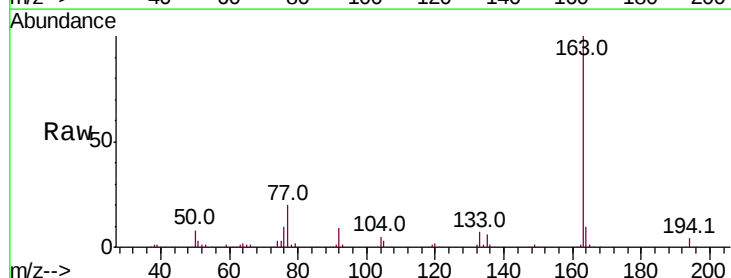
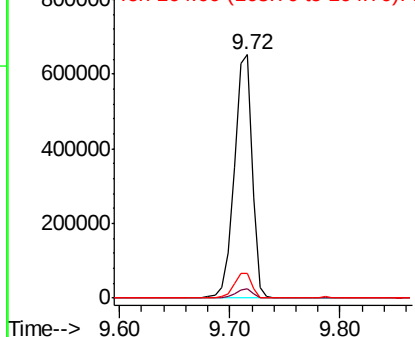
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.2	8.1	12.1

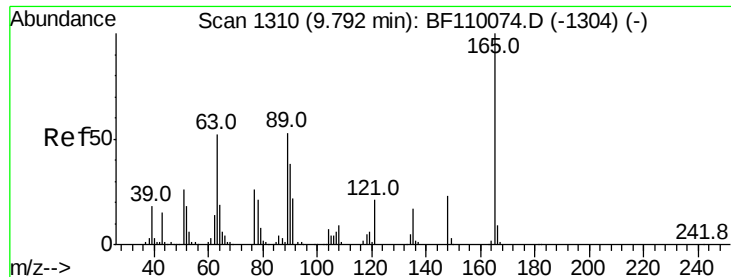
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





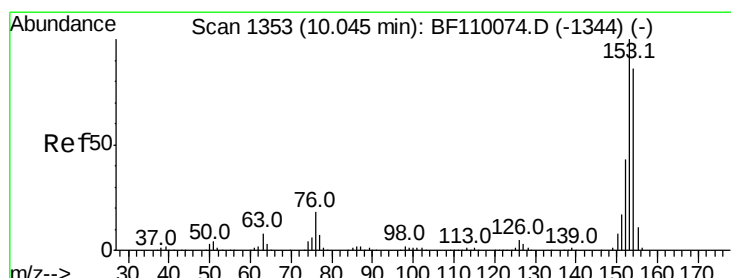
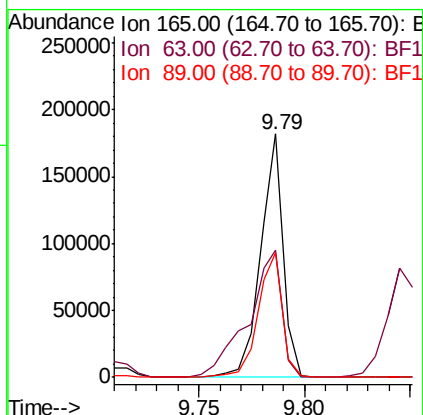
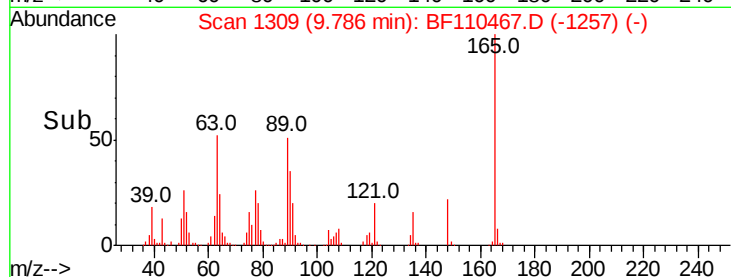
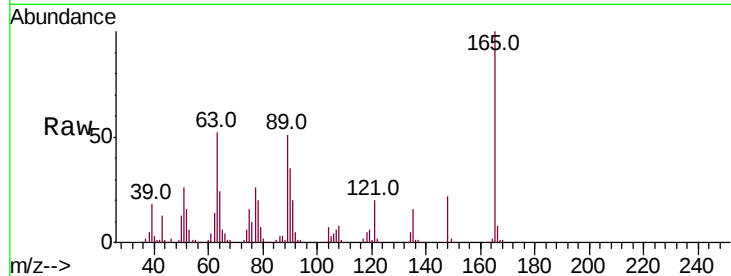
#51
2,6-Dinitrotoluene
Concen: 45.367 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampled :
TP2-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	134496		
63	52.3	48.9	73.3	
89	50.9	46.6	69.8	

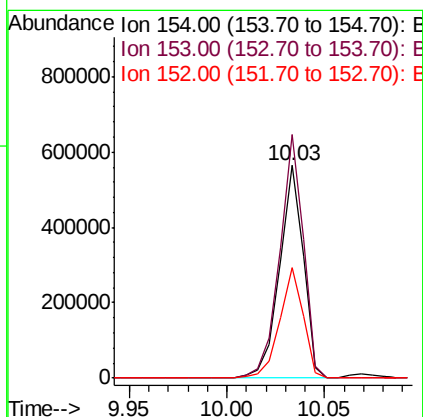
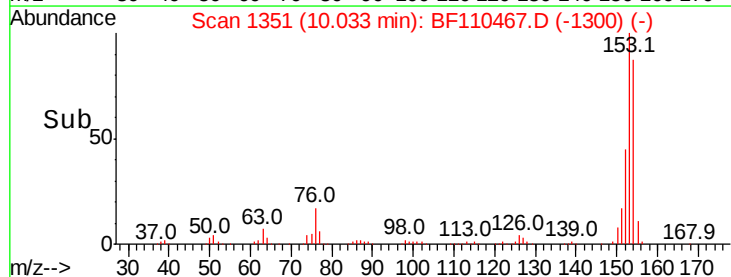
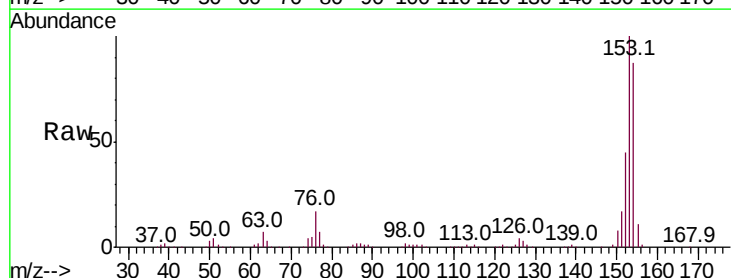
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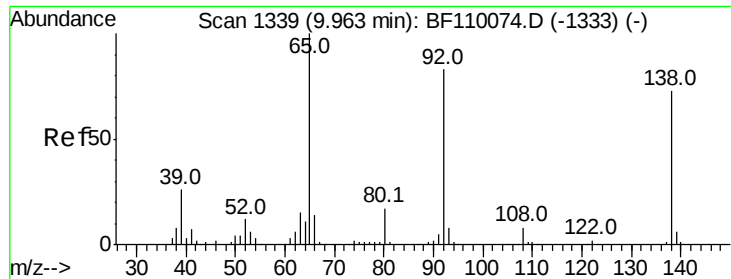
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#52
Acenaphthene
Concen: 40.513 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	478756		
153	114.4	90.1	135.1	
152	51.7	43.4	65.2	





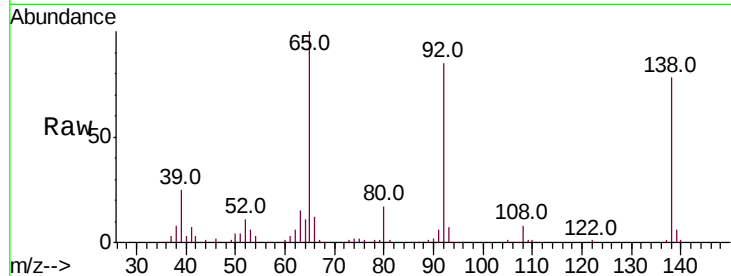
#53
3-Nitroaniline
Concen: 33.034 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.7	13.1
92	108.8	97.0	145.4

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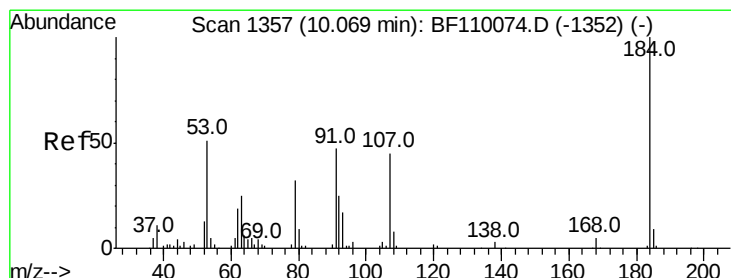
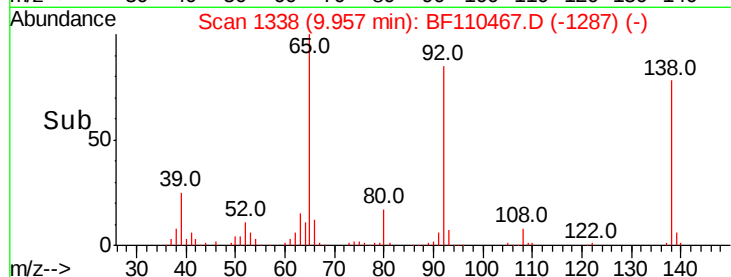
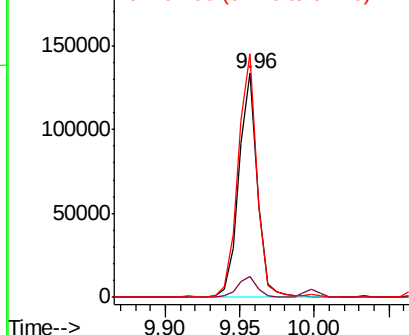


Abundance

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: 20.794 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

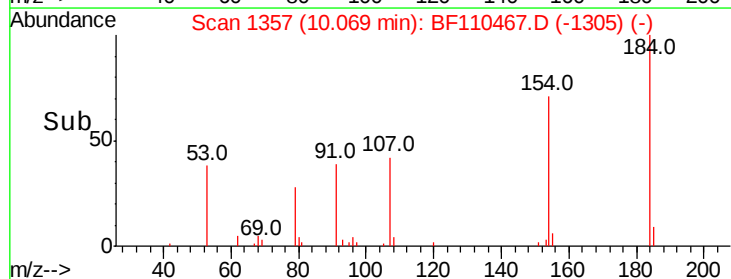
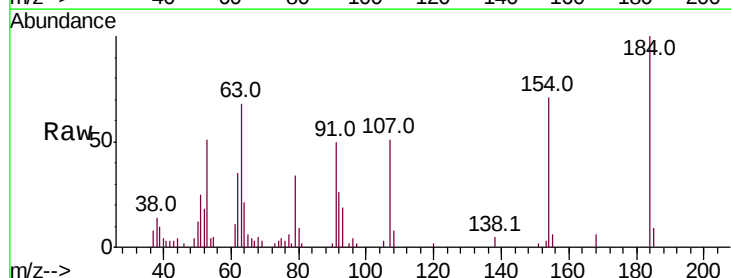
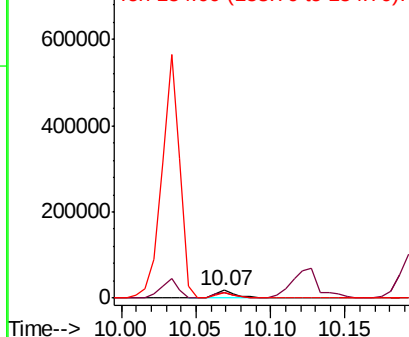
Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	55.8	83.6
154	71.4	63.2	94.8

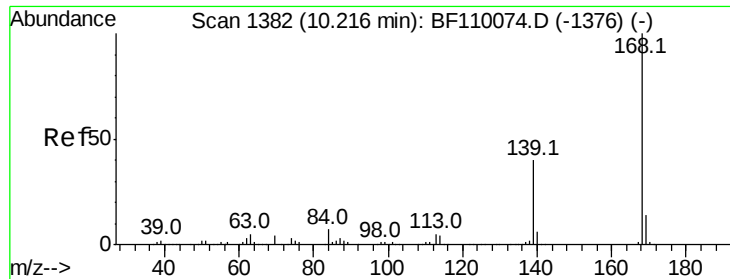
Abundance

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: 41.608 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Instrument :

BNA_F

ClientSampled :

TP2-AMS

Tot Ion:168 Resp: 688416

Ion Ratio Lower Upper

168 100

139 41.0 33.0 49.6

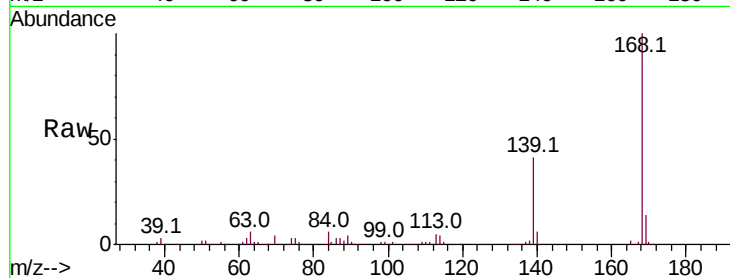
169 14.0 11.3 16.9

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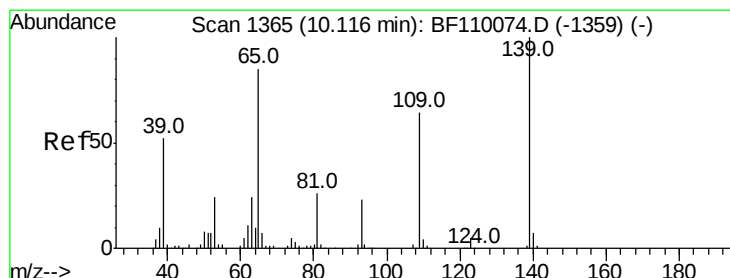
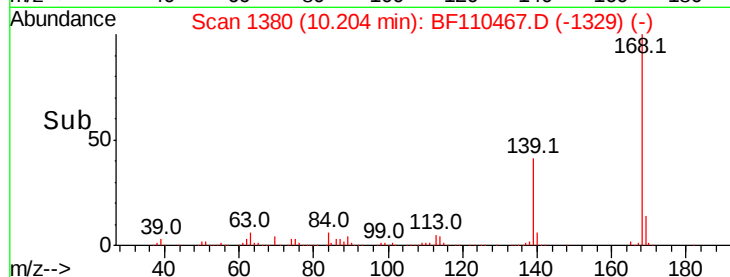
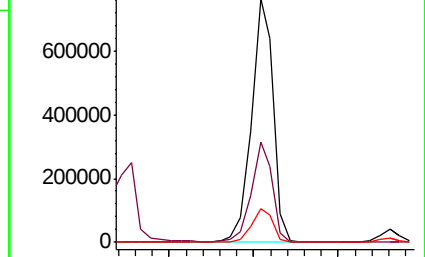
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 104.649 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.02 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

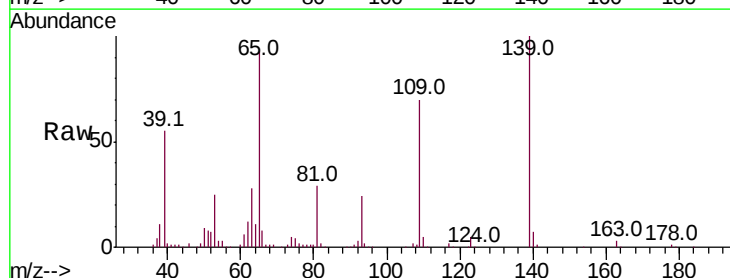
Tgt Ion:139 Resp: 273057

Ion Ratio Lower Upper

139 100

109 70.4 55.8 95.8

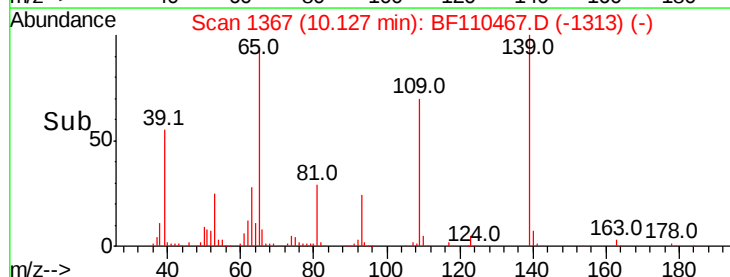
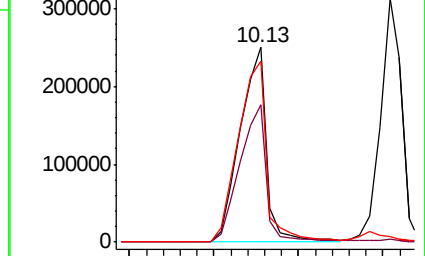
65 92.7 77.9 117.9



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





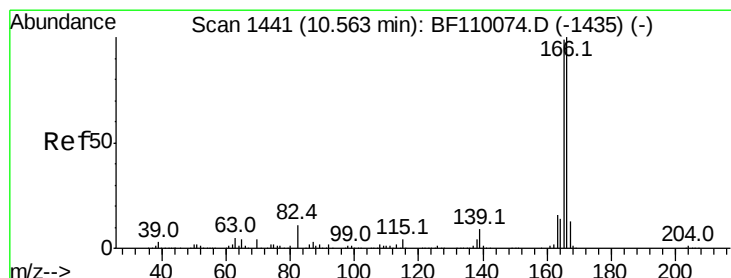
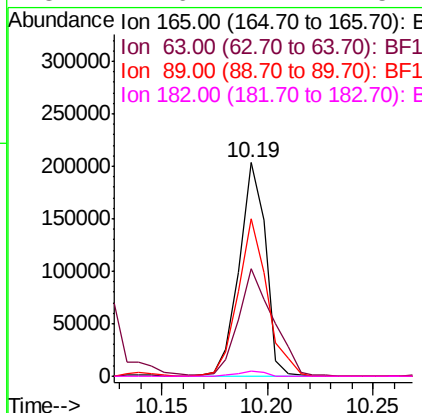
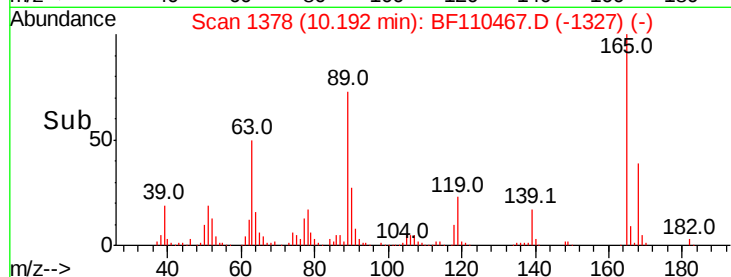
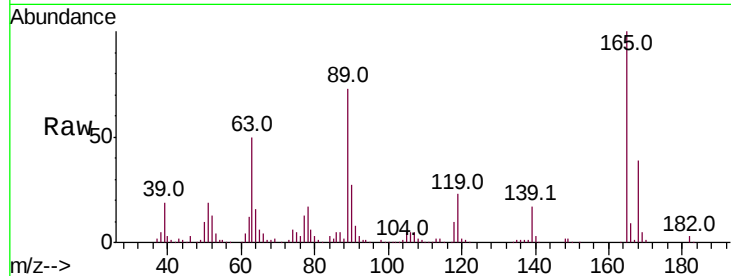
#57
2,4-Dinitrotoluene
Concen: 46.817 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	176293		
63	50.1	44.8	67.2	
89	73.5	62.2	93.4	
182	2.6	2.1	3.1	

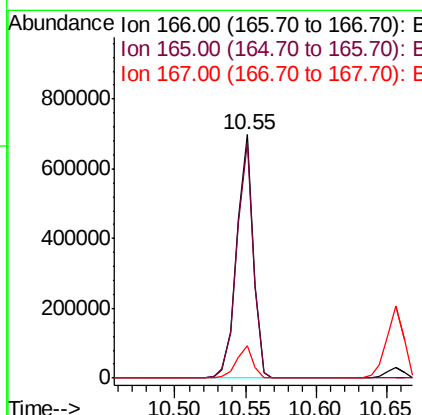
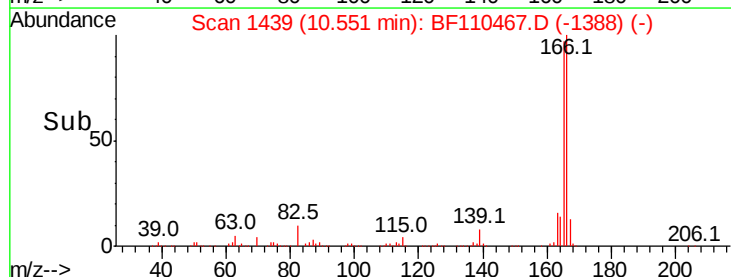
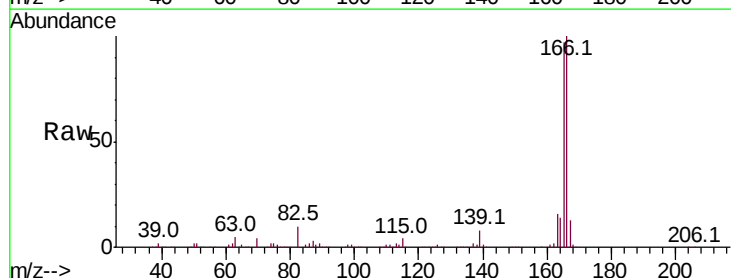
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#58
Fluorene
Concen: 45.988 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	566279		
165	96.9	78.6	117.8	
167	13.2	10.8	16.2	





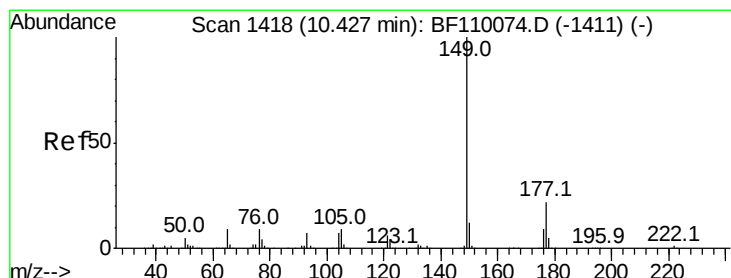
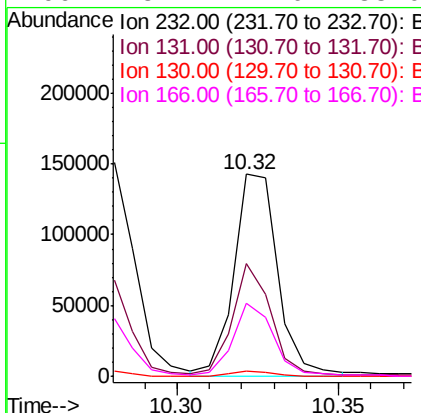
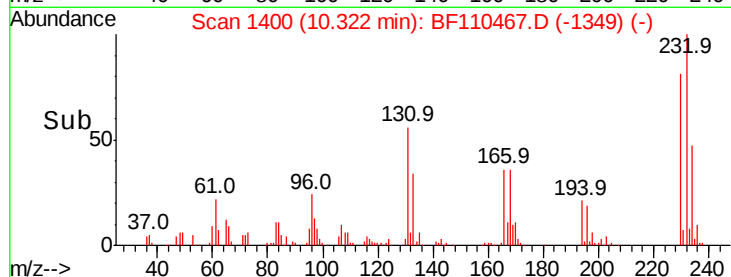
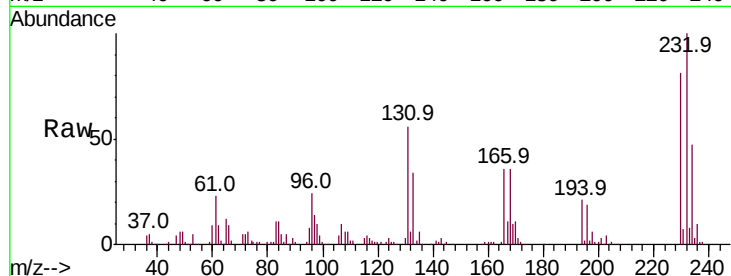
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.411 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	136914		
131	41.8		37.0	55.4
130	2.2		1.8	2.6
166	25.2		22.0	33.0

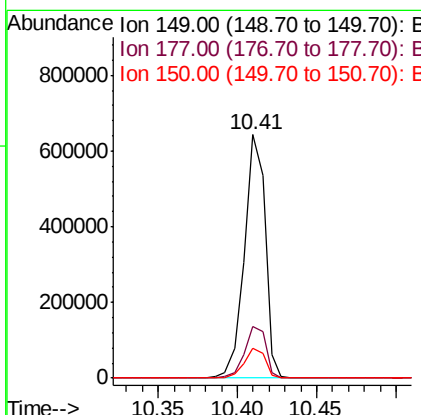
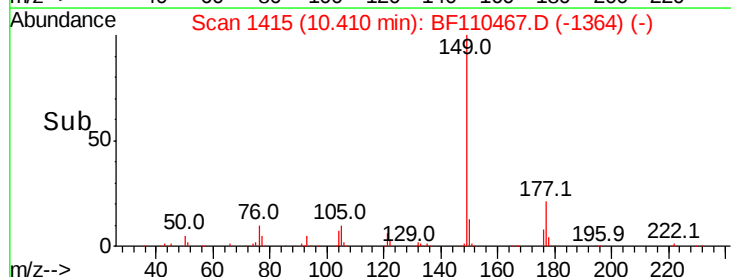
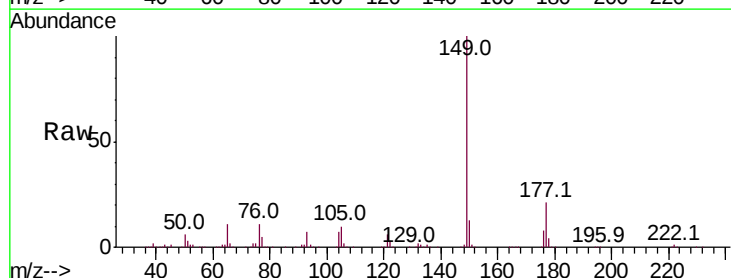
Manual Integrations
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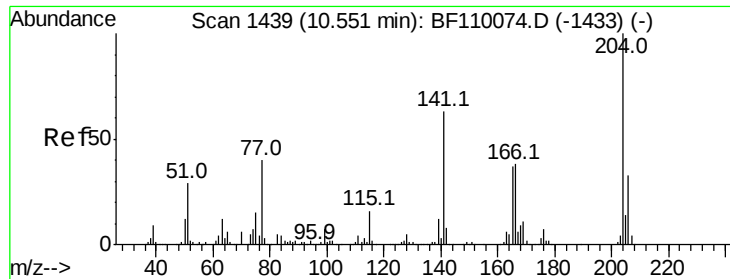
Sohil
 11/6/2018 1:19:13 PM



#60
 Diethylphthalate
 Concen: 43.474 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	584076		
177	21.4		17.4	26.2
150	12.5		9.8	14.8





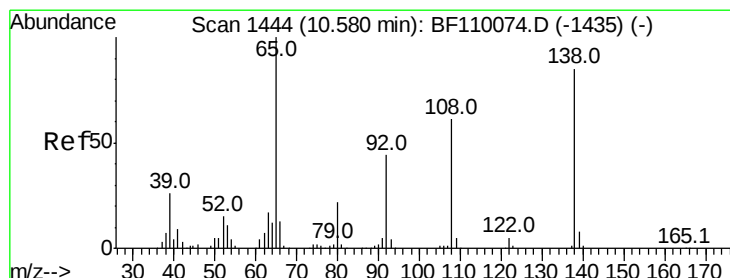
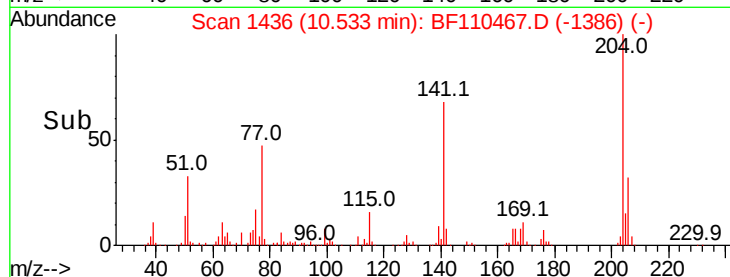
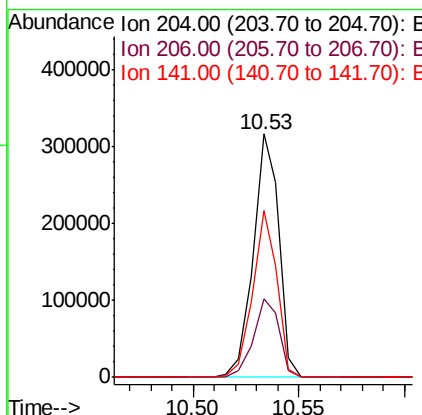
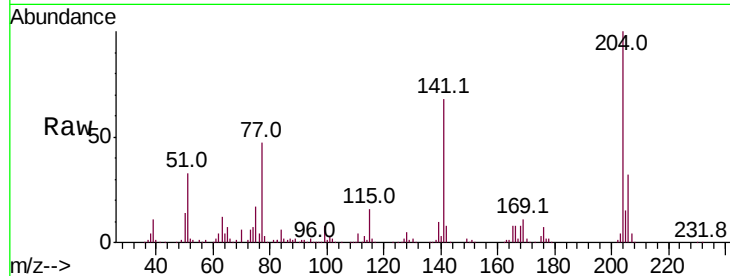
#61
4-Chlorophenyl-phenylether
Concen: 40.912 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampled :
TP2-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	68.4	51.8	77.8

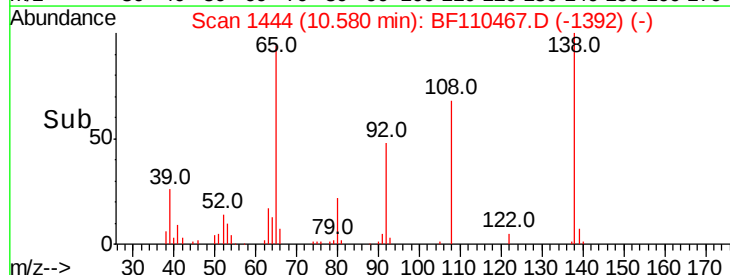
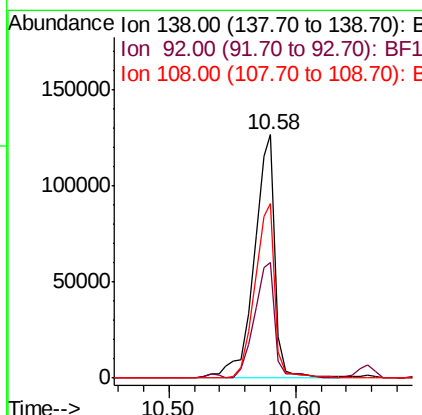
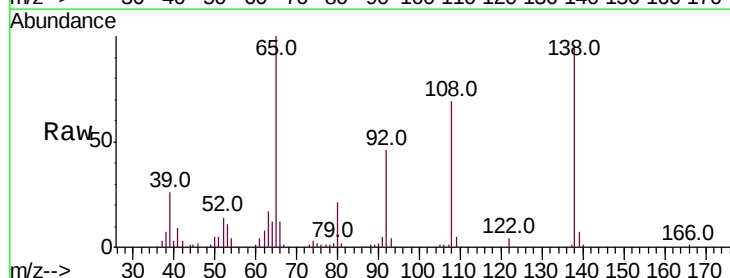
Manual Integrations
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11/6/2018 1:19:13 PM



#62
4-Nitroaniline
Concen: 41.610 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	31.7	71.7
108	71.4	59.3	99.3





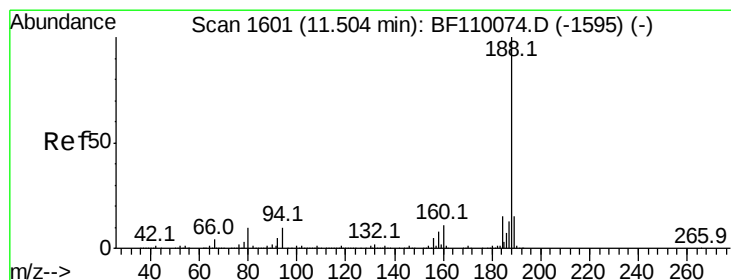
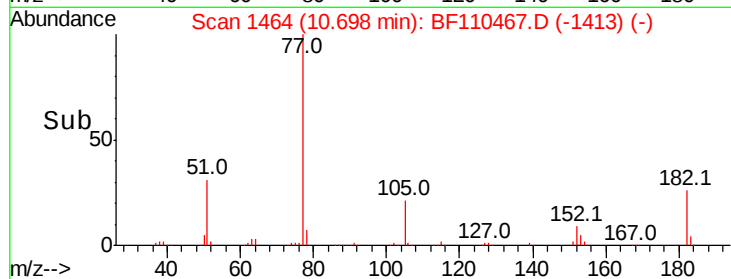
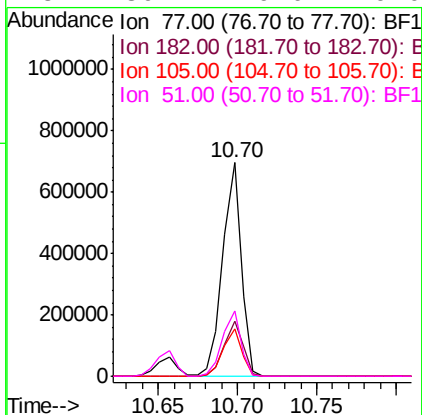
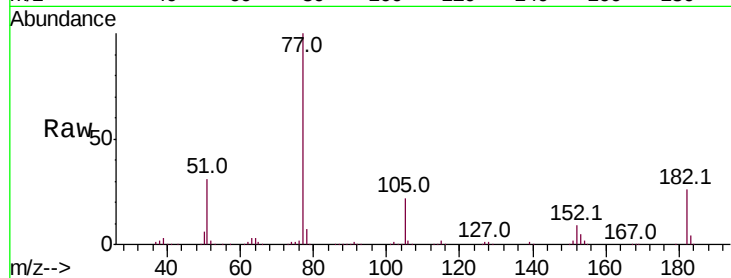
#63
Azobenzene
Concen: 42.805 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampled :
TP2-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.7	4.3	44.3
105	22.3	1.3	41.3
51	30.7	9.0	49.0

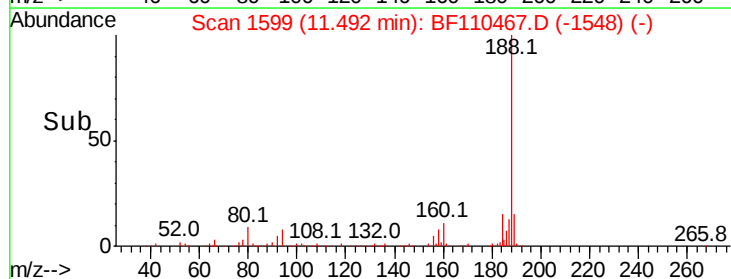
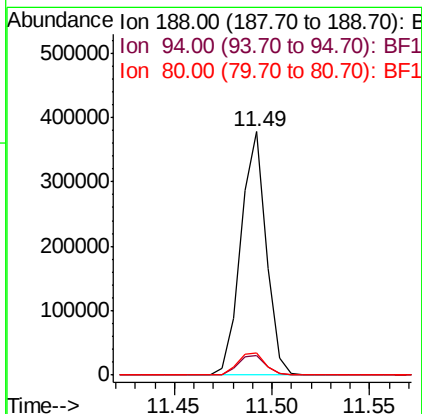
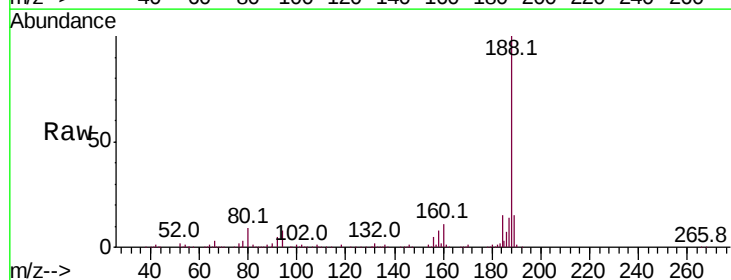
Manual Integrations
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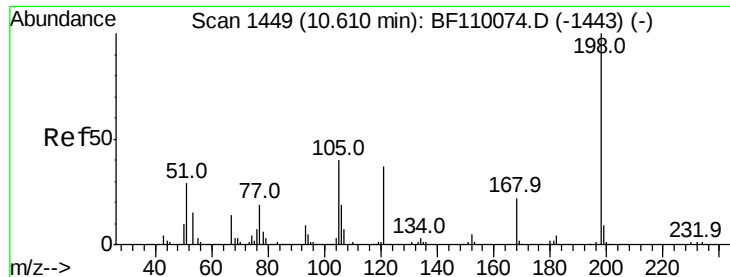
Sohil
11/6/2018 1:19:13 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.2	10.8
80	9.0	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 32.305 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Instrument :

BNA_F

ClientSampled :

TP2-AMS

Tot Ion:198 Resp: 50183

Ion Ratio Lower Upper

198 100

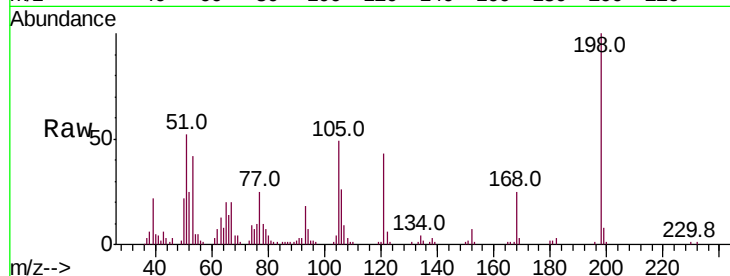
51 52.0 22.8 62.8

105 48.6 23.6 63.6

Manual Integrations
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Sohil

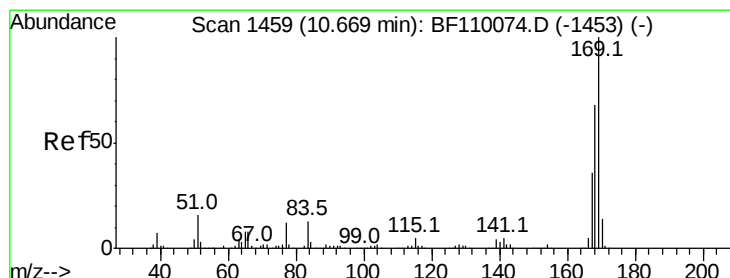
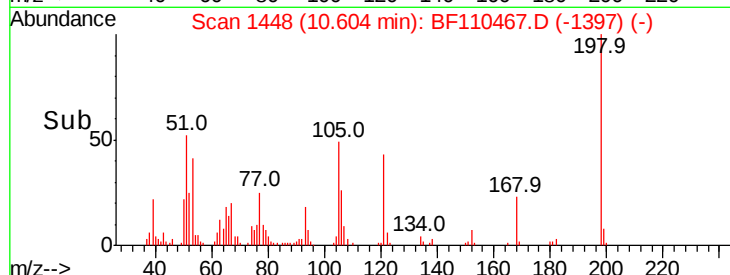
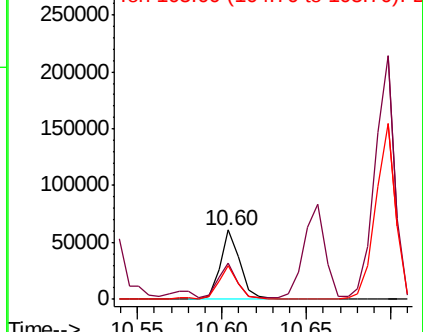
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.270 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

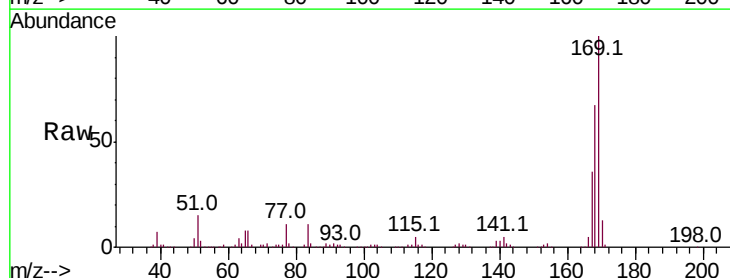
Tgt Ion:169 Resp: 493719

Ion Ratio Lower Upper

169 100

168 66.7 51.2 76.8

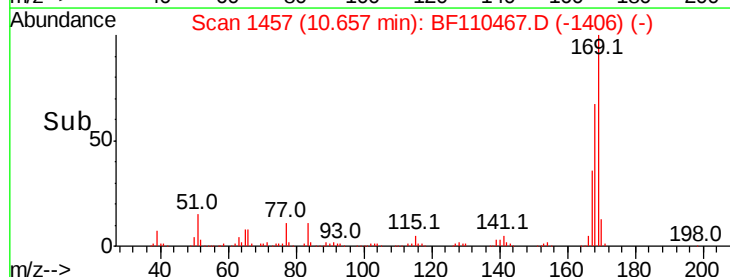
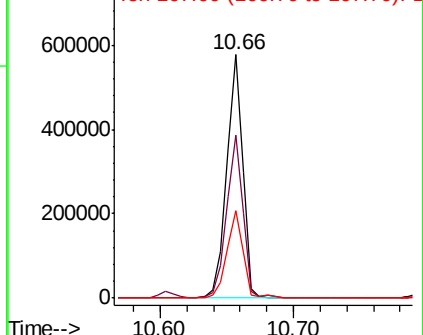
167 35.9 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





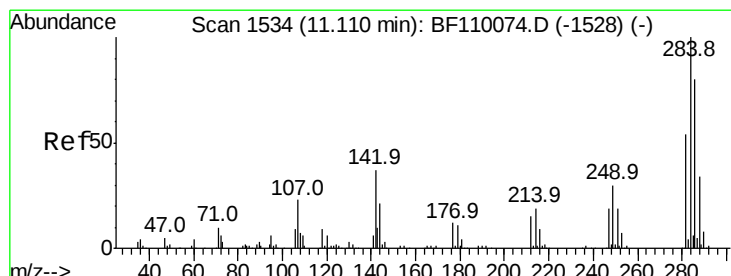
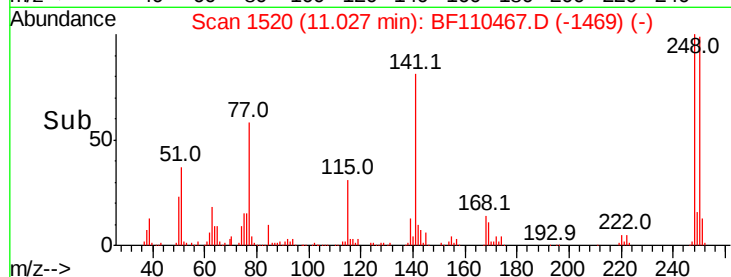
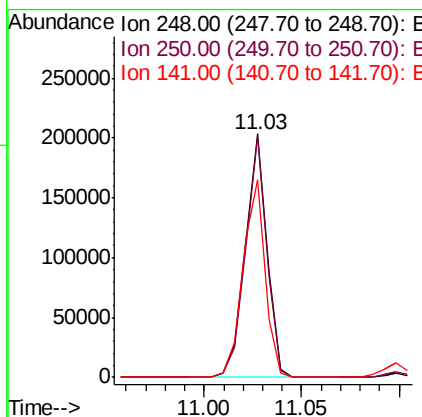
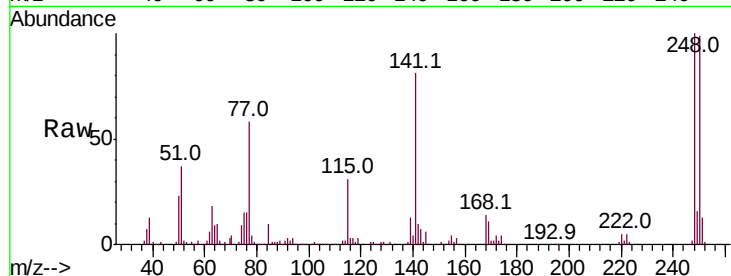
#67
 4-Bromophenyl-phenylether
 Concen: 42.586 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Instrument :
 BNA_F
 ClientSampled :
 TP2-AMS

Tot Ion:	248	Resp:	157063
Ion Ratio	Lower	Upper	
248	100		
250	99.0	79.4	119.2
141	81.0	55.9	83.9

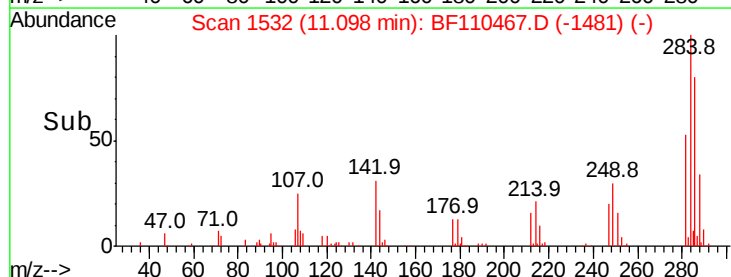
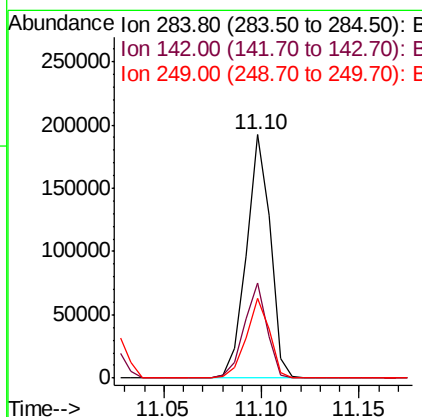
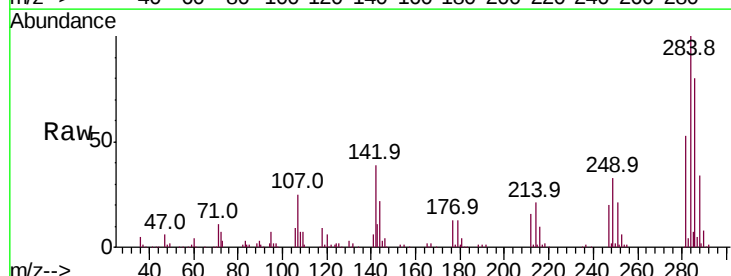
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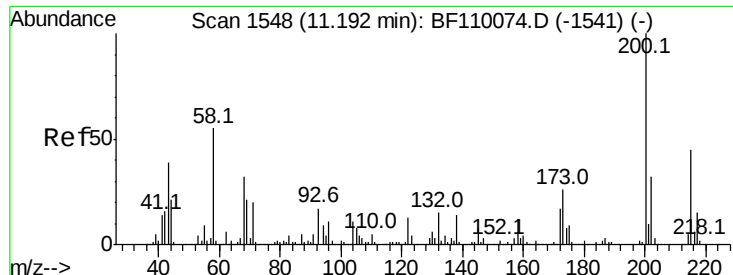
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#68
 Hexachlorobenzene
 Concen: 41.720 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Tgt Ion:	284	Resp:	163258
Ion Ratio	Lower	Upper	
284	100		
142	39.1	23.9	35.9#
249	32.5	24.2	36.2





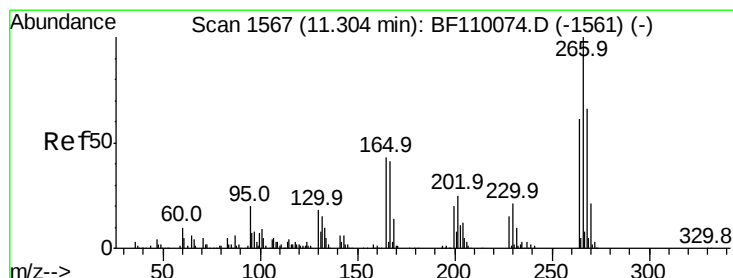
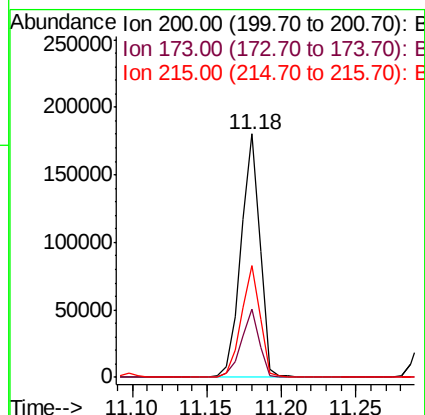
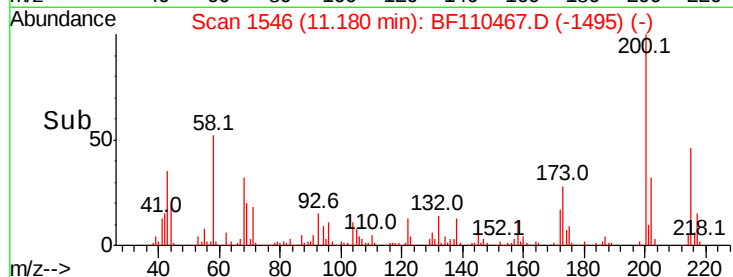
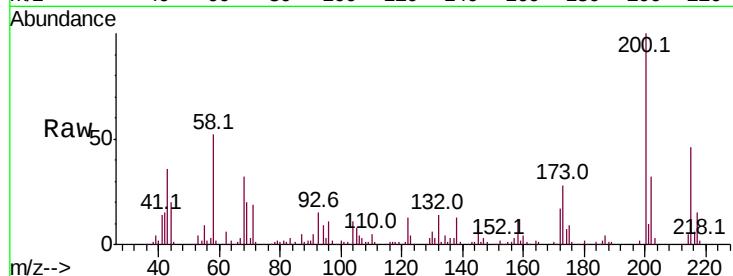
#69
Atrazine
Concen: 45.626 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampled :
TP2-AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	160804		
173	27.8	6.6	46.6	
215	46.0	26.3	66.3	

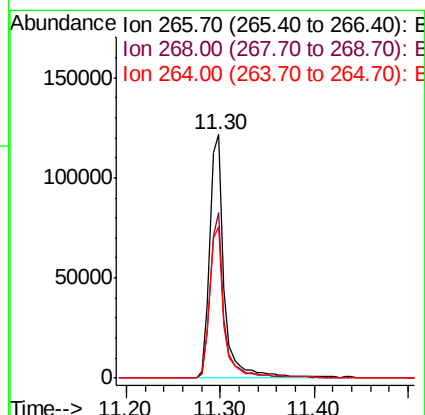
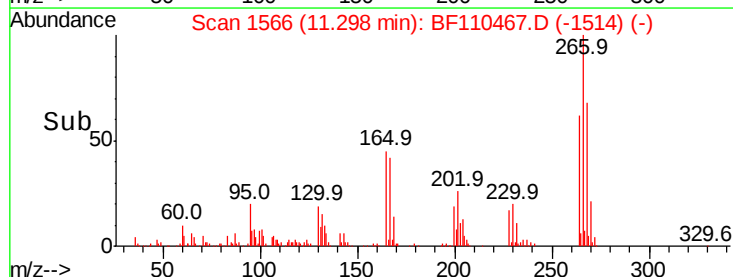
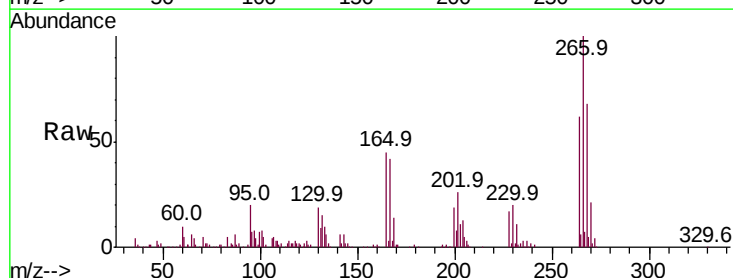
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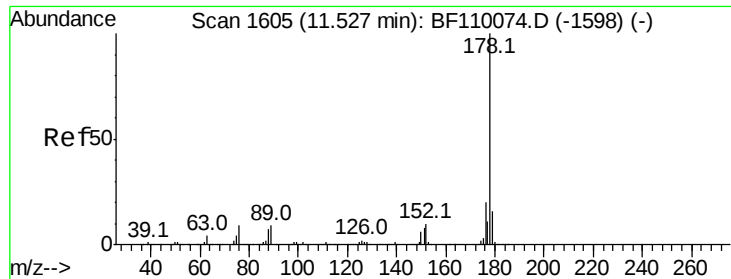
Sohil
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#70
Pentachlorophenol
Concen: 58.393 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	133243		
268	68.2	50.6	75.8	
264	62.2	50.6	75.8	





#71

Phenanthrene

Concen: 45.344 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Instrument :

BNA_F

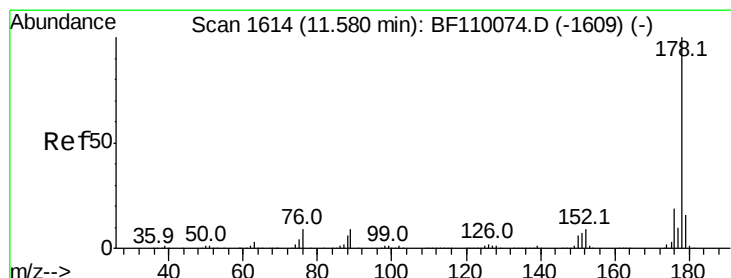
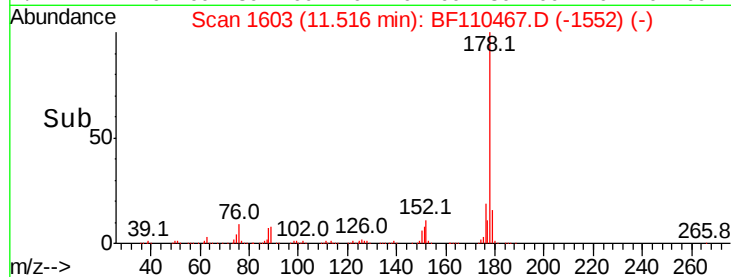
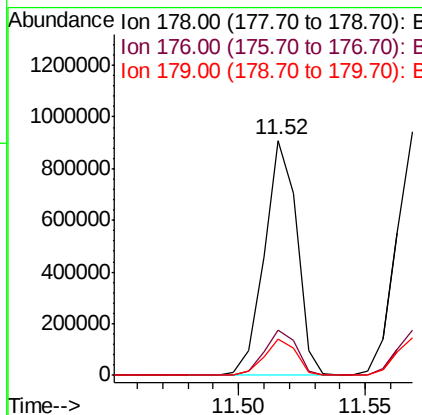
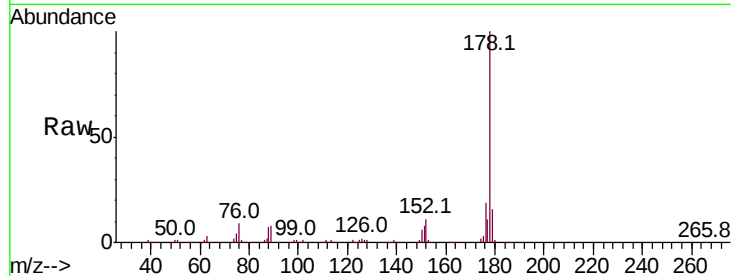
ClientSampleId :

TP2-AMS

Tot Ion:178	Resp:	806706
Ion Ratio	Lower	Upper
178	100	
176	19.2	15.5 23.3
179	15.6	12.5 18.7

Manual Integrations
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#72

Anthracene

Concen: 46.435 ng

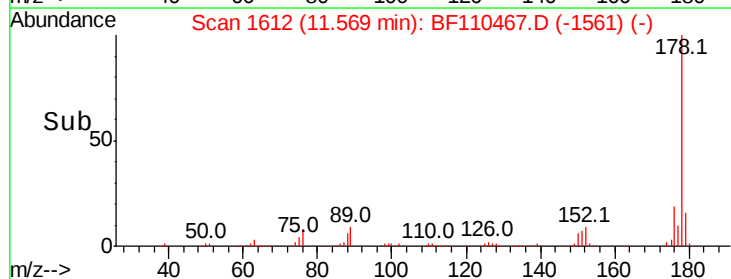
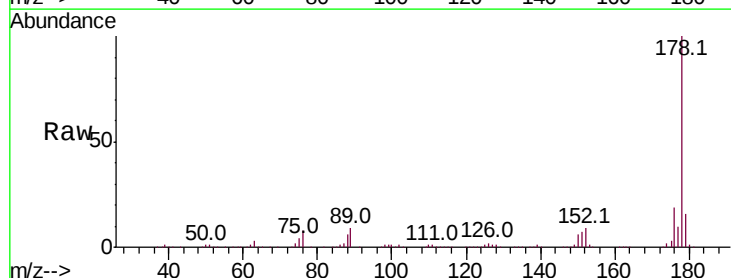
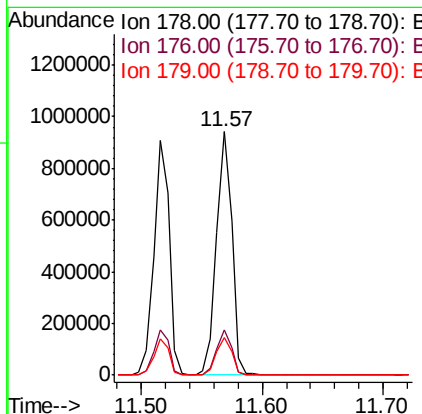
RT: 11.57 min Scan# 1612

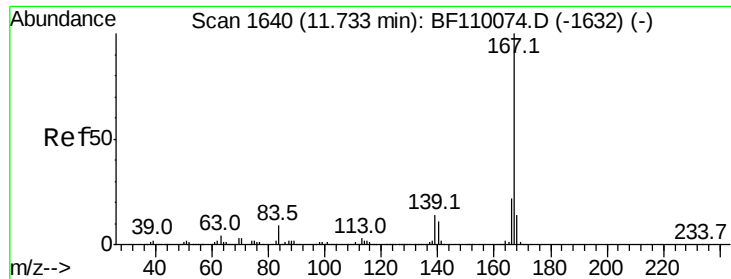
Delta R.T. 0.00 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Tgt Ion:178	Resp:	828064
Ion Ratio	Lower	Upper
178	100	
176	18.8	15.4 23.2
179	15.7	12.6 18.8





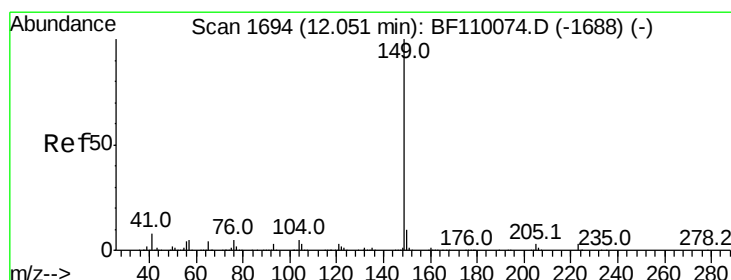
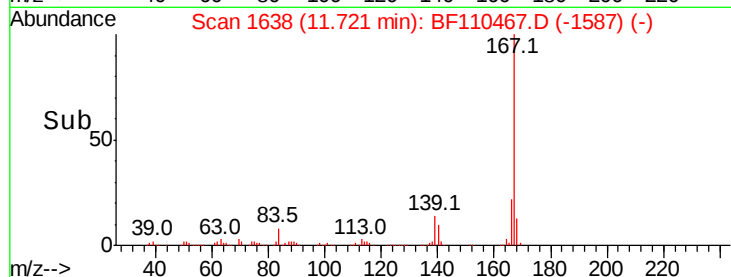
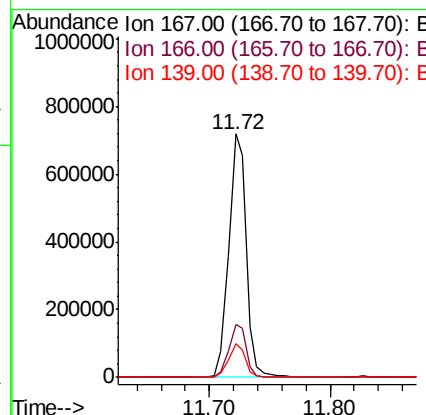
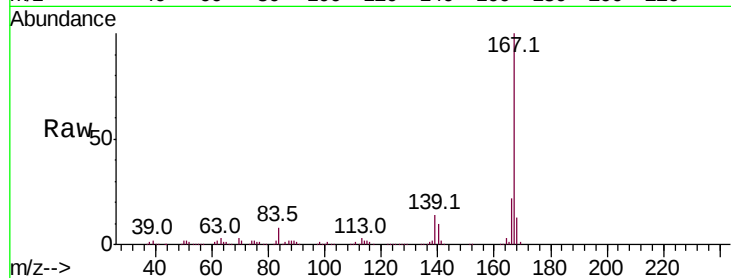
#73
 Carbazole
 Concen: 41.262 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.9	10.9	16.3

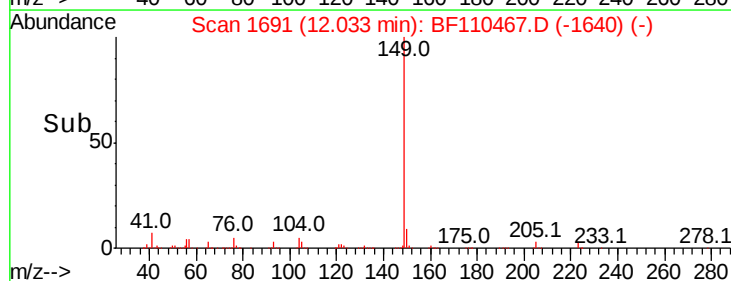
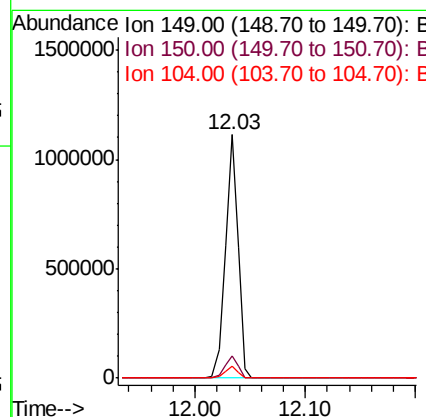
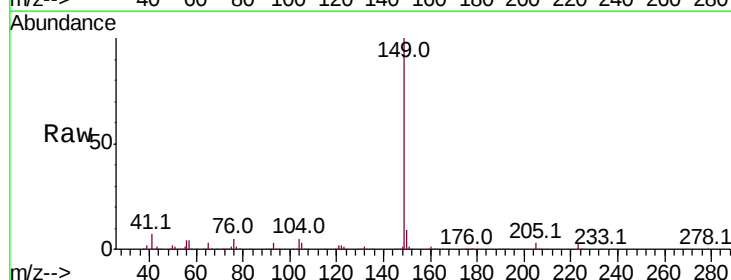
Manual Integrations
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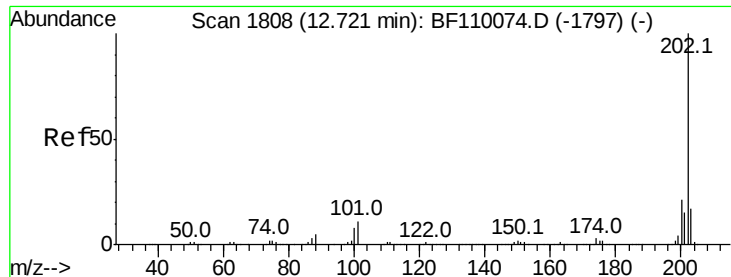
Sohil
 11/6/2018 1:19:13 PM



#74
 Di-n-butylphthalate
 Concen: 45.231 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

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





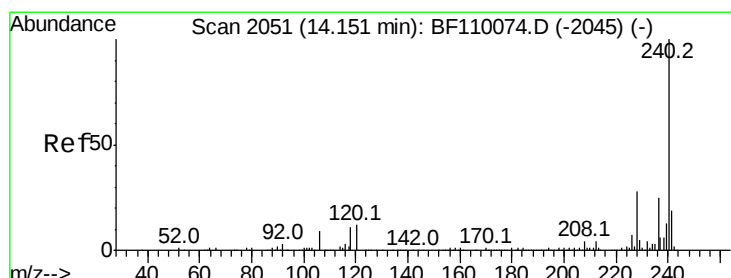
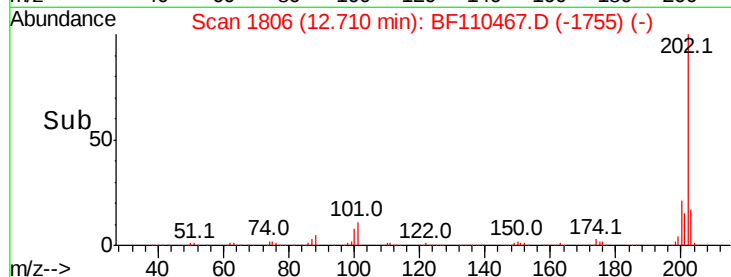
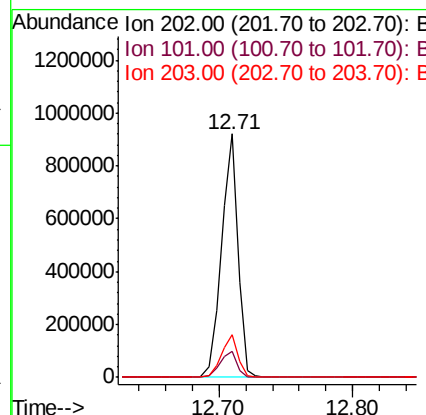
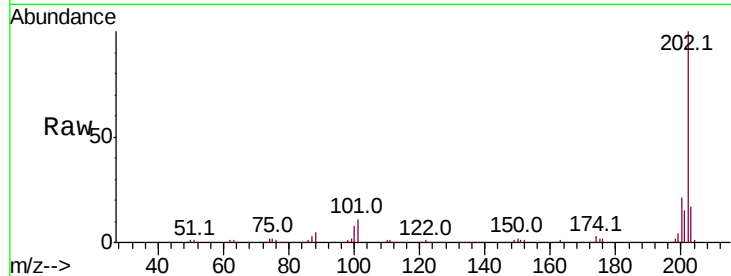
#75
 Fluoranthene
 Concen: 44.469 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.6	0.0	31.4
203	17.5	0.0	37.7

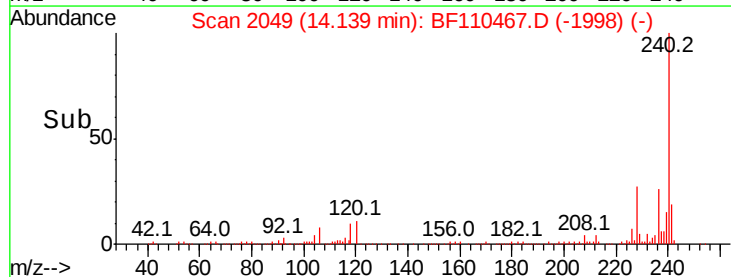
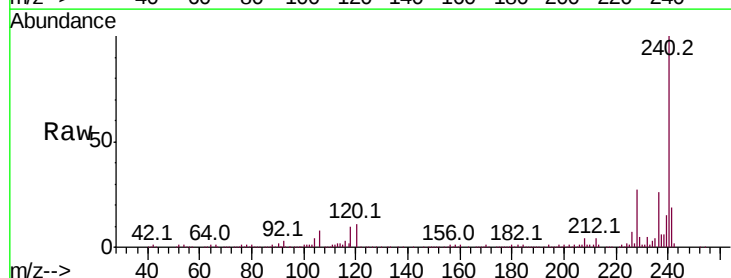
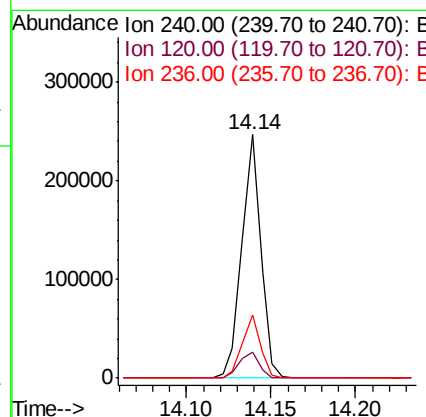
Manual Integrations
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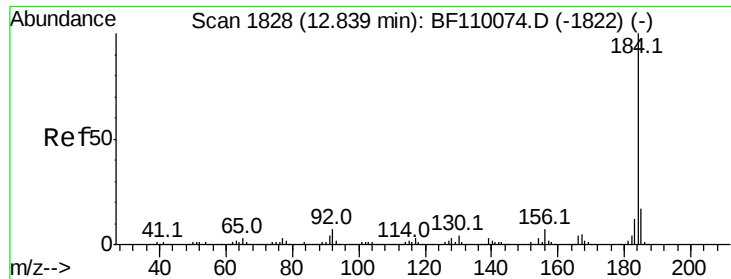
Sohil
 11/6/2018 1:19:13 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.6	8.3	12.5
236	25.9	21.2	31.8





#77

Benzidine

Concen: Below Cal

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Instrument :

BNA_F

ClientSampleId :

TP2-AMS

Tot Ion:184 Resp: 347373

Ion Ratio Lower Upper

184 100

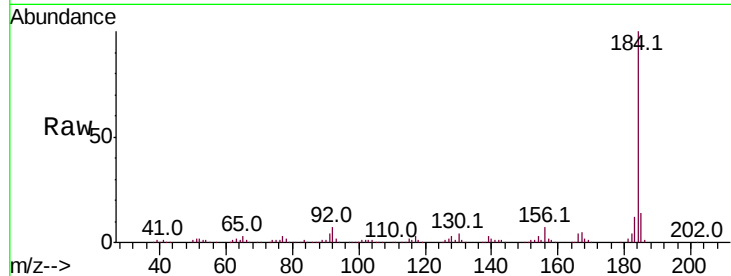
185 14.2 13.4 20.2

183 11.9 9.4 14.2

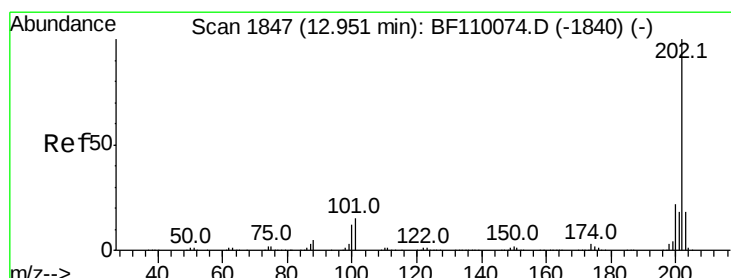
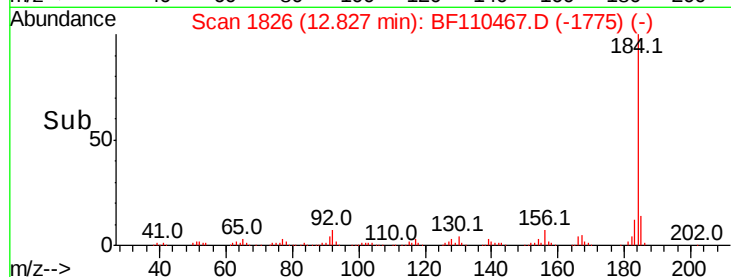
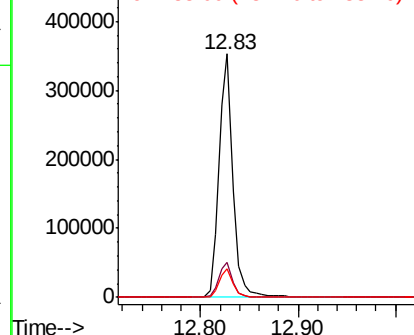
Manual Integrations
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Sohil

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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: 56.068 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

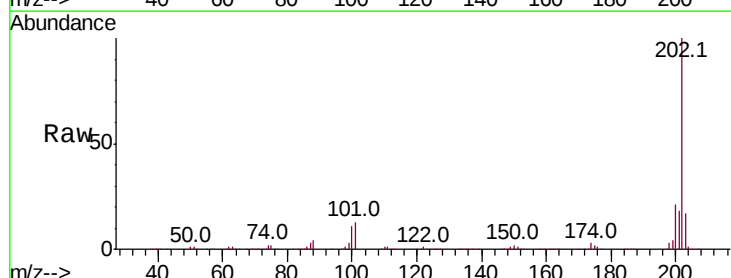
Tgt Ion:202 Resp: 777529

Ion Ratio Lower Upper

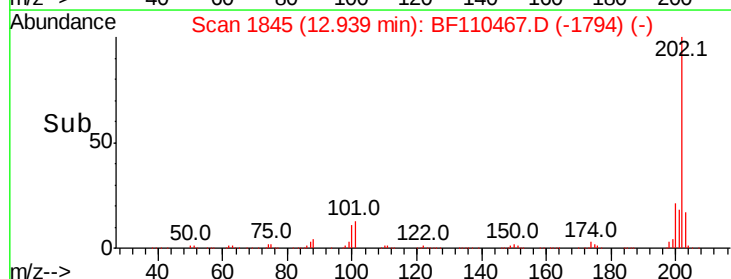
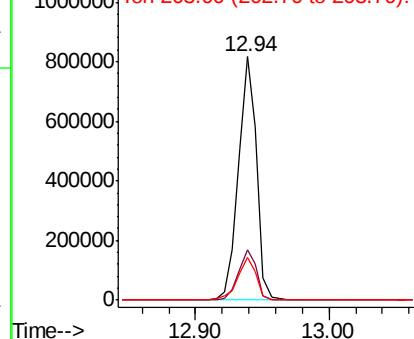
202 100

200 20.9 17.8 26.6

203 17.5 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





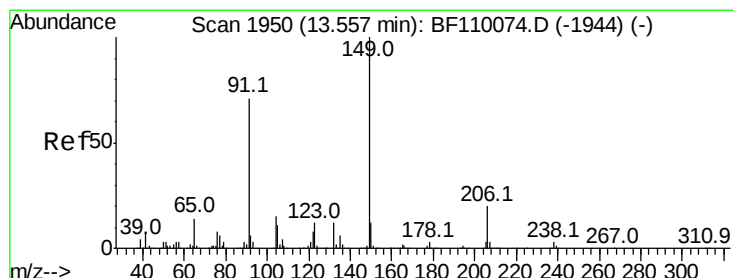
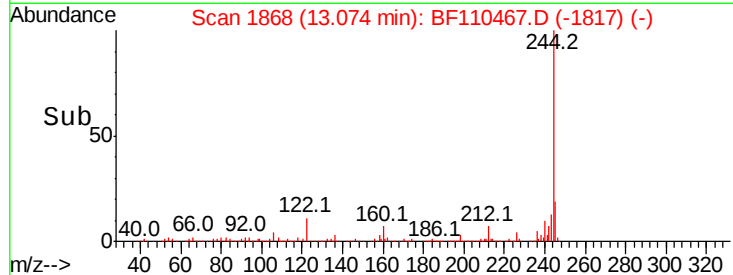
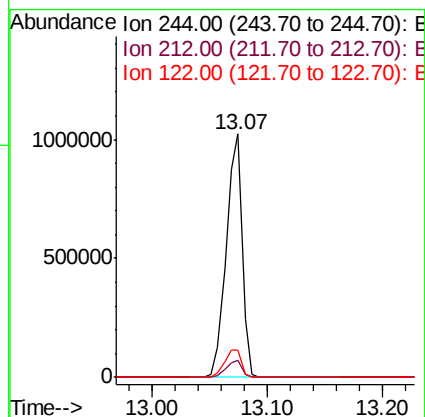
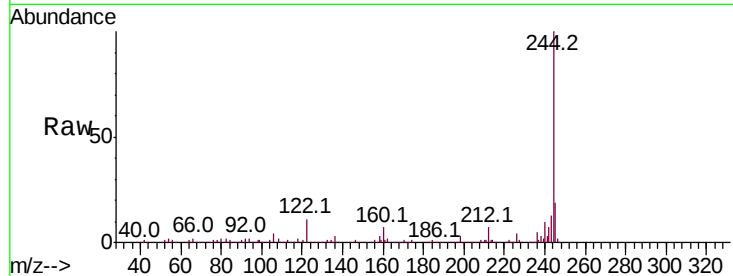
#79
 Terphenyl-d14
 Concen: 105.126 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Instrument :
 BNA_F
 ClientSampled :
 TP2-AMS

Tot Ion:	244	Resp:	977782
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	11.0	8.7	13.1

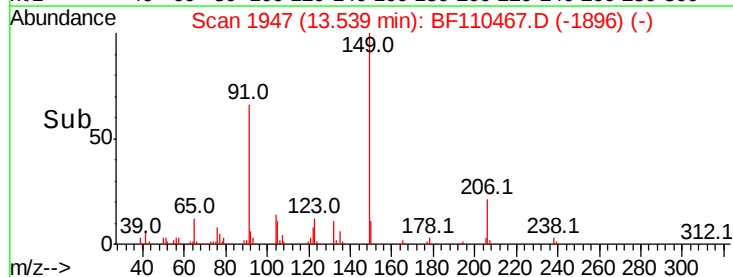
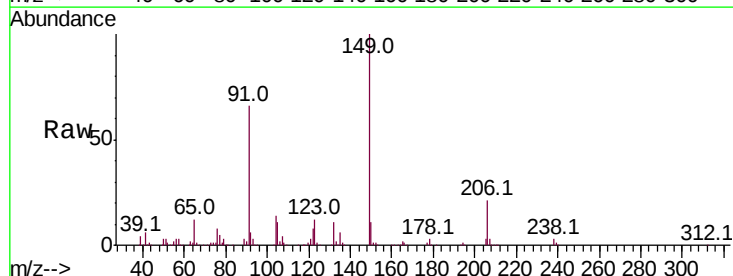
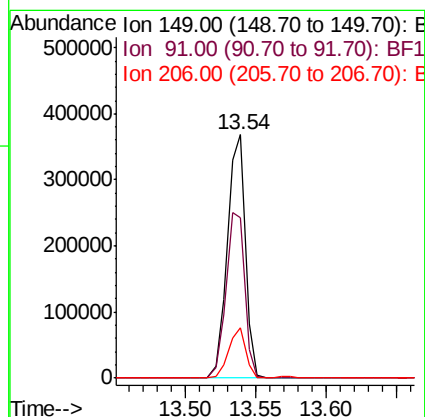
Manual Integrations
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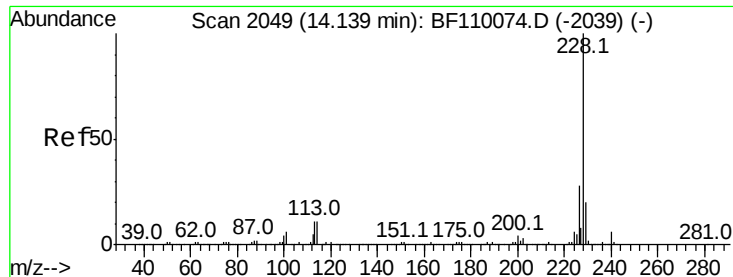
Sohil
 11/6/2018 1:19:13 PM



#80
 Butylbenzylphthalate
 Concen: 54.264 ng
 RT: 13.54 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Tgt Ion:	149	Resp:	326623
Ion Ratio	Lower	Upper	
149	100		
91	65.7	57.2	85.8
206	20.7	15.7	23.5





#81

Benzo(a)anthracene

Concen: 46.719 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Instrument :

BNA_F

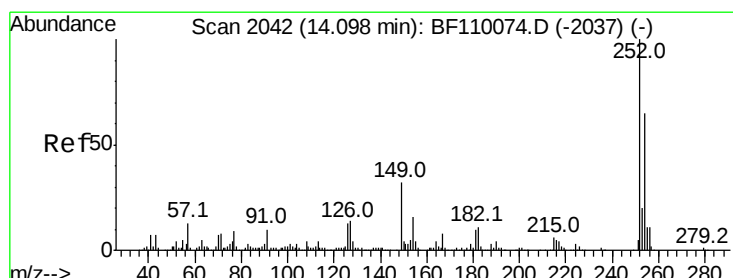
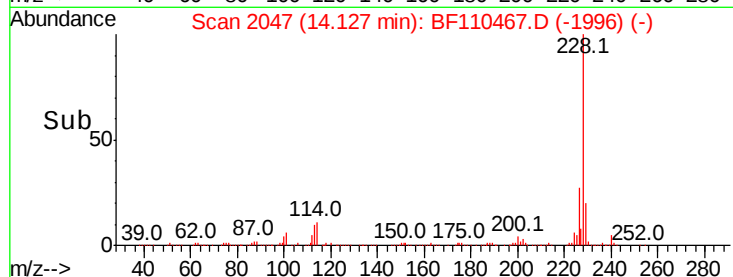
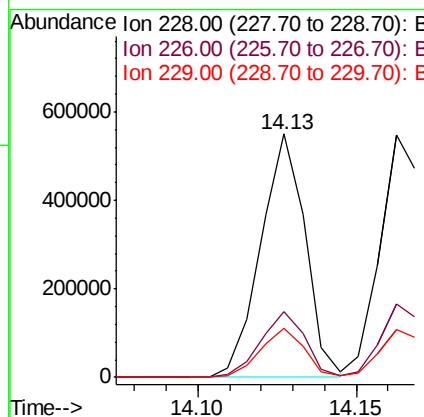
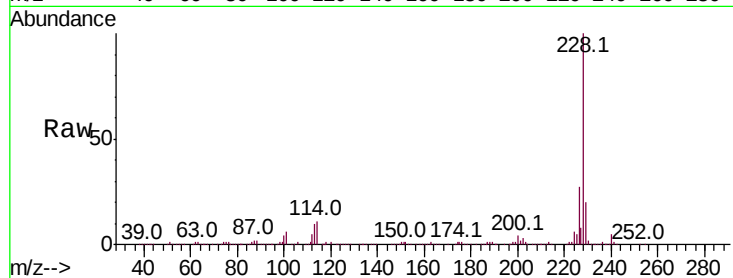
ClientSampleId :

TP2-AMS

Tot Ion:	228	Resp:	535913
Ion Ratio	Lower	Upper	
228	100		
226	27.1	22.1	33.1
229	19.9	15.6	23.4

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 29.797 ng

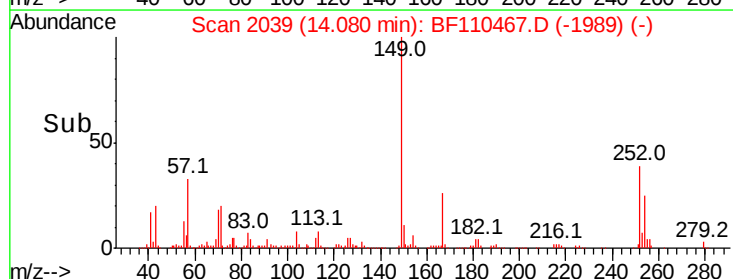
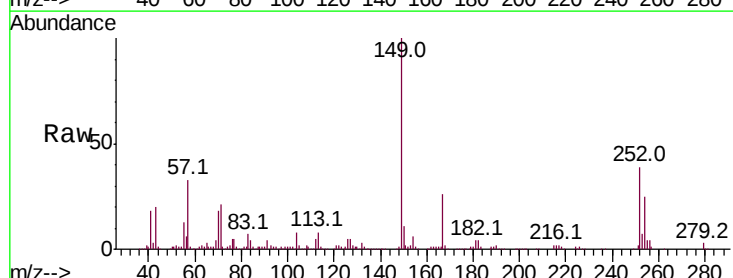
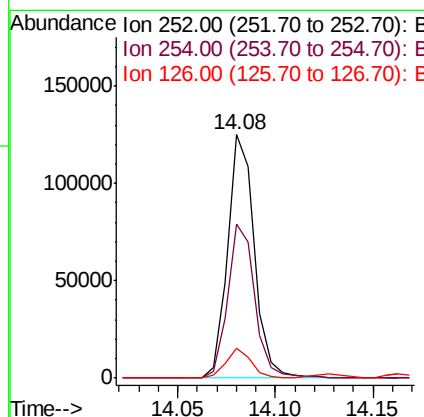
RT: 14.08 min Scan# 2039

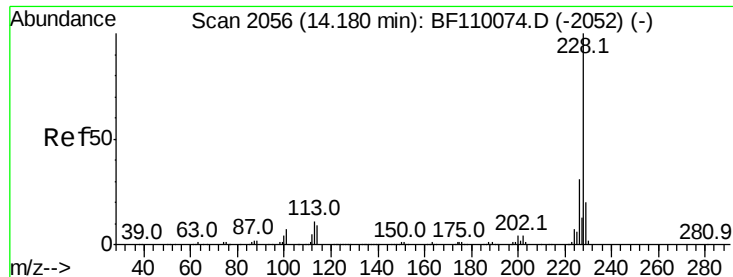
Delta R.T. -0.01 min

Lab File: BF110467.D

Acq: 5 Nov 2018 16:16

Tgt Ion:	252	Resp:	119020
Ion Ratio	Lower	Upper	
252	100		
254	63.3	51.3	76.9
126	12.4	9.4	14.2





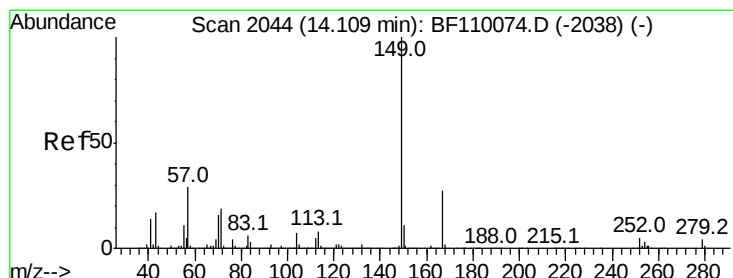
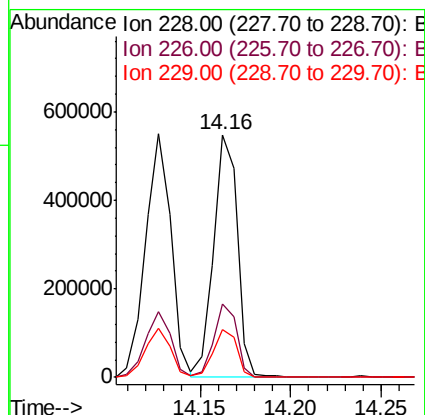
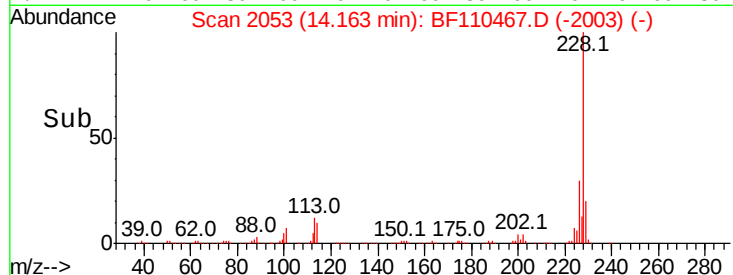
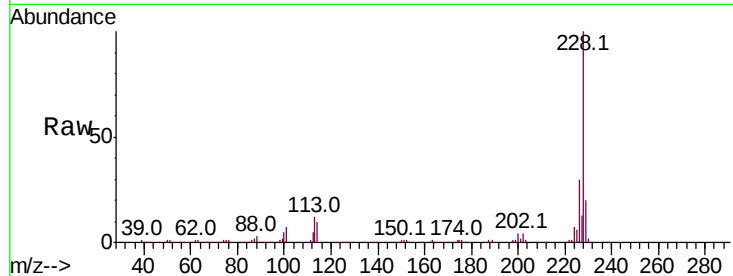
#83
 Chrvsene
 Concen: 45.768 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Instrument :
 BNA_F
 ClientSampleId :
 TP2-AMS

Tot Ion:	228	Resp:	498654
Ion Ratio		Lower	Upper
228	100		
226	30.1	24.7	37.1
229	19.9	15.9	23.9

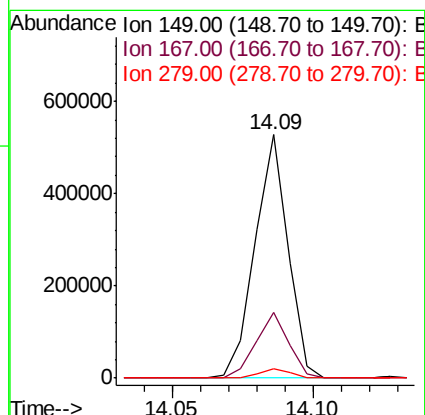
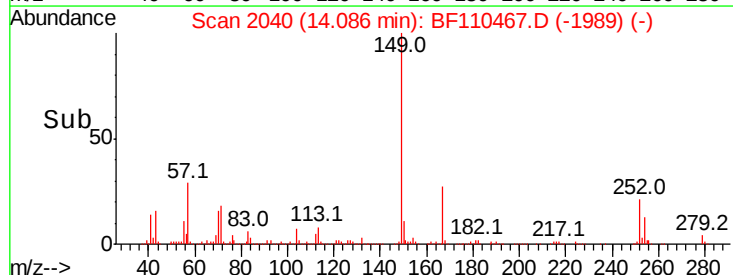
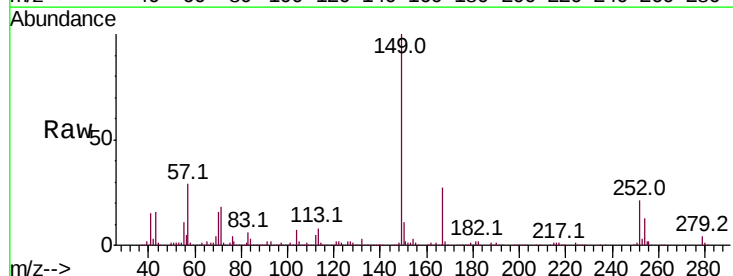
Manual Integrations
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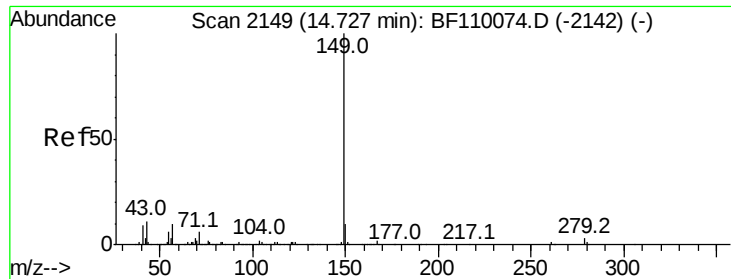
Sohil
 11/6/2018 1:19:13 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.745 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110467.D
 Acq: 5 Nov 2018 16:16

Tgt Ion:	149	Resp:	429161
Ion Ratio		Lower	Upper
149	100		
167	26.8	19.8	29.8
279	3.7	2.7	4.1





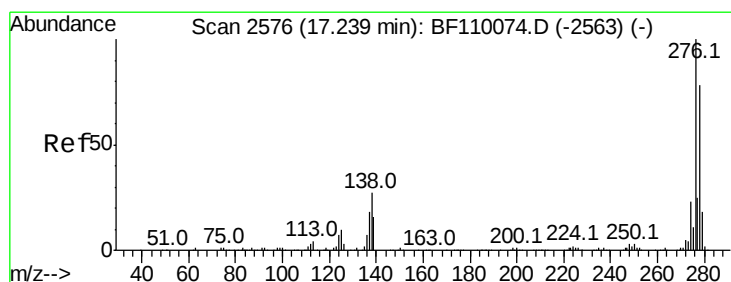
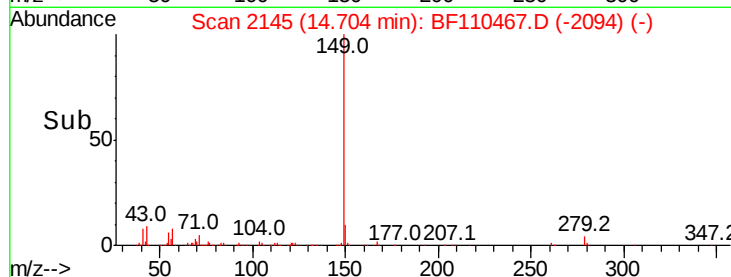
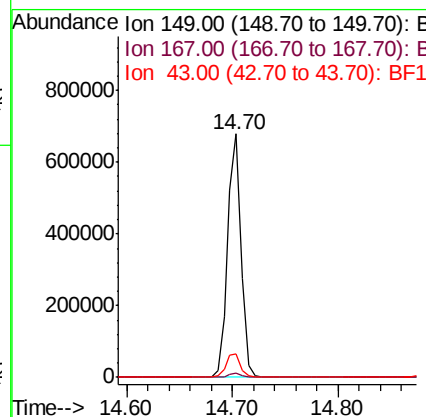
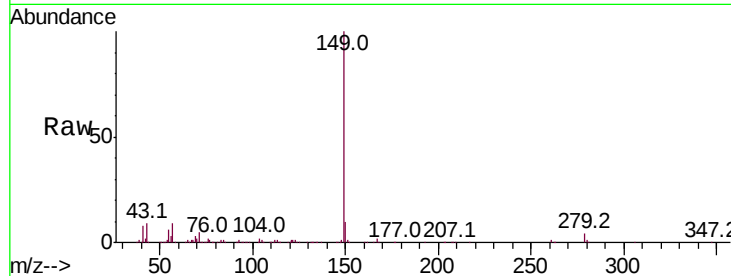
#85
Di-n-octyl phthalate
Concen: 47.920 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	606274		
167	1.5		1.1	1.7
43	10.2		7.8	11.8

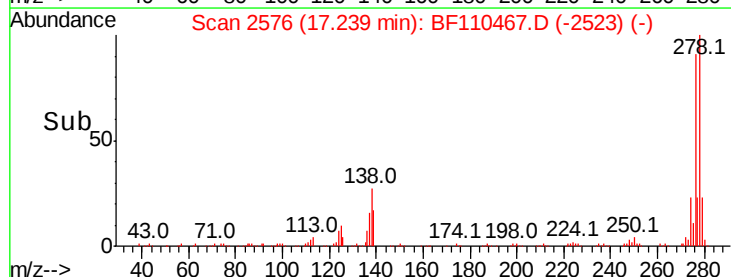
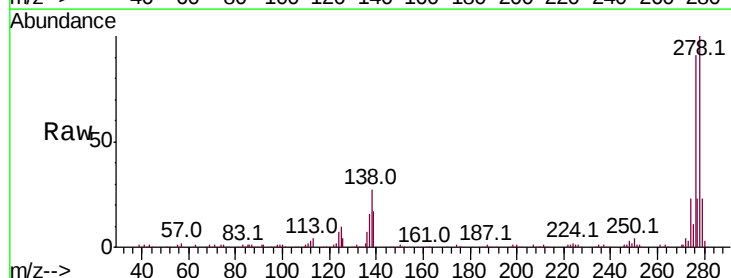
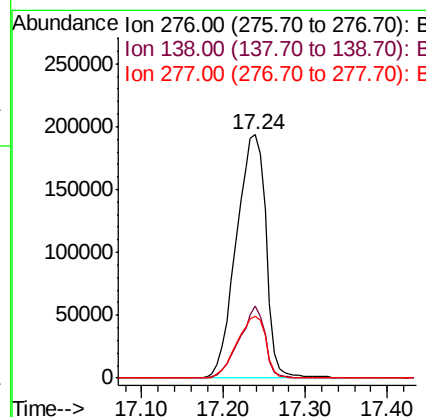
Manual Integrations
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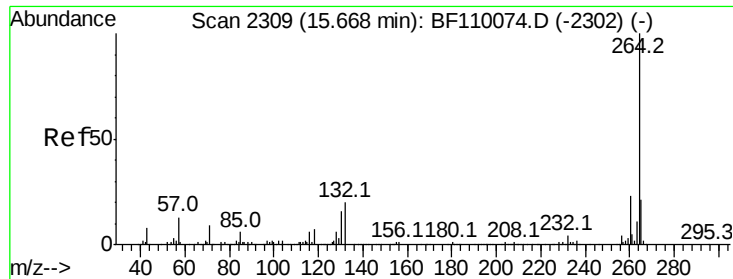
Sohil
11/6/2018 1:19:13 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 54.174 ng
RT: 17.24 min Scan# 2576
Delta R.T. 0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	489655		
138	25.7		18.5	27.7
277	24.9		20.0	30.0





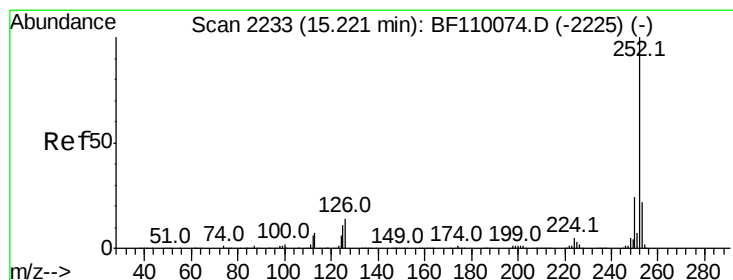
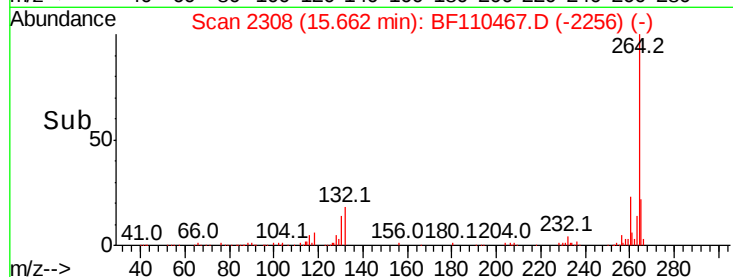
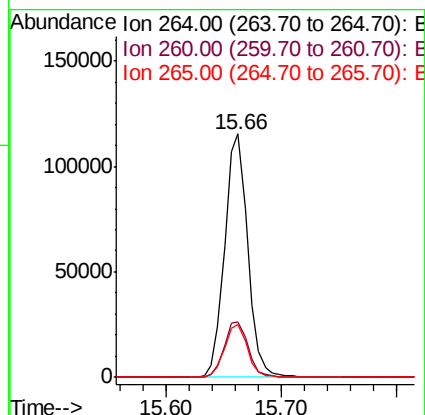
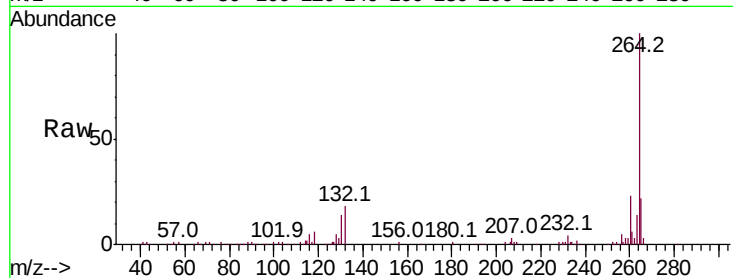
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	21.6	16.7	25.1

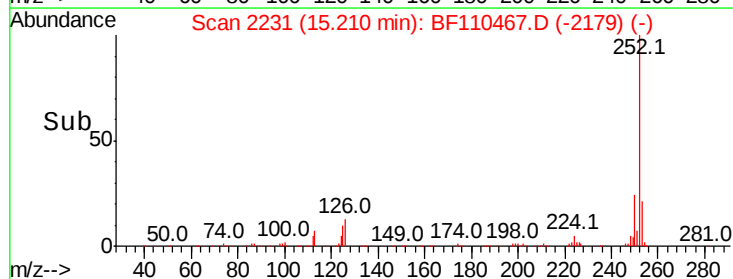
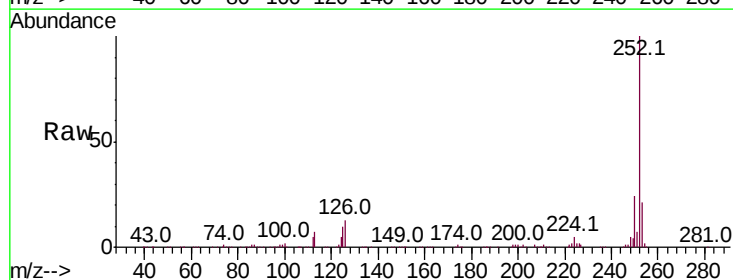
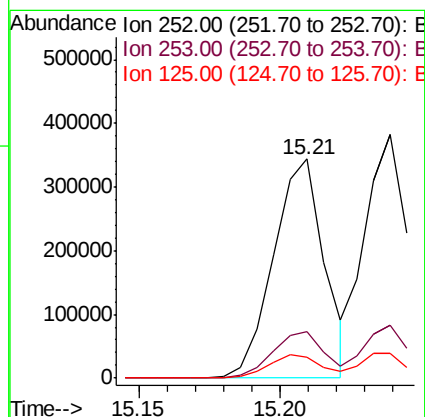
Manual Integrations
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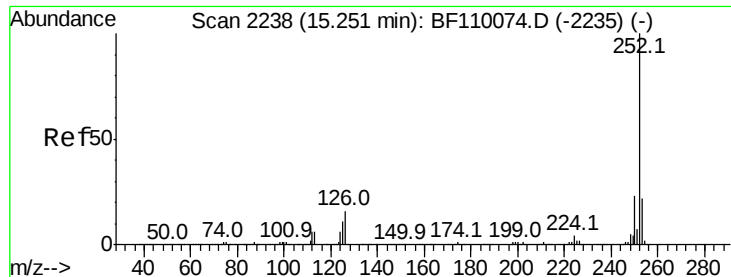
Sohil
11/6/2018 1:19:13 PM



#88
Benzo(b)fluoranthene
Concen: 46.469 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	9.7	8.2	12.4





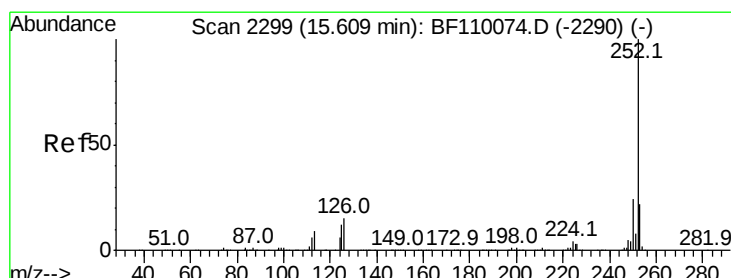
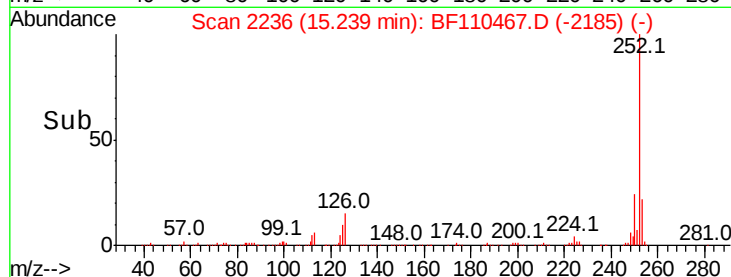
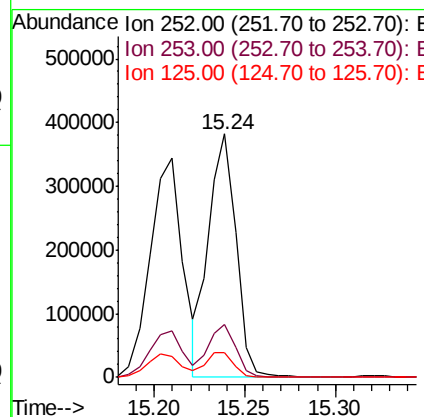
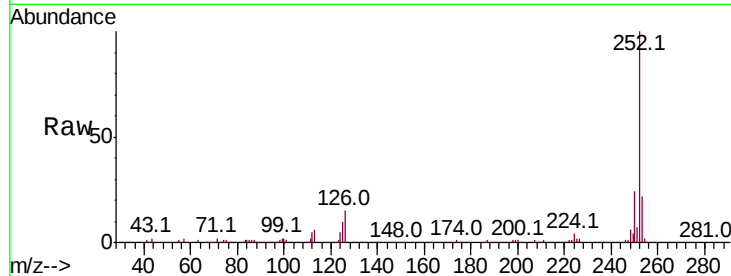
#89
Benzo(k)fluoranthene
Concen: 44.243 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampled :
TP2-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.2	7.4	11.0

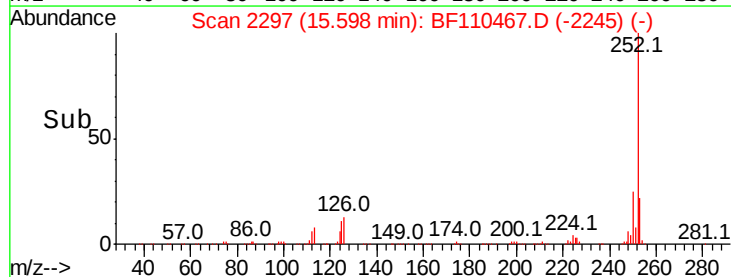
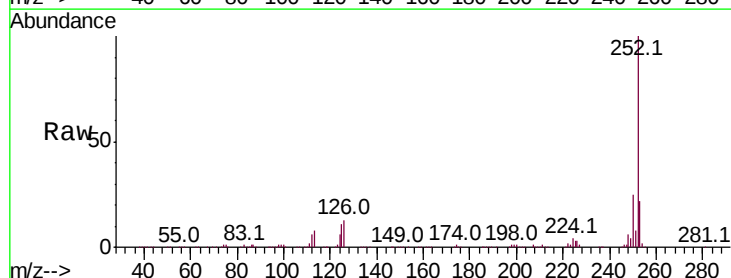
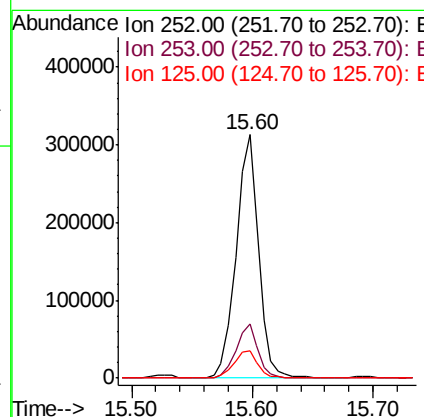
Manual Integrations
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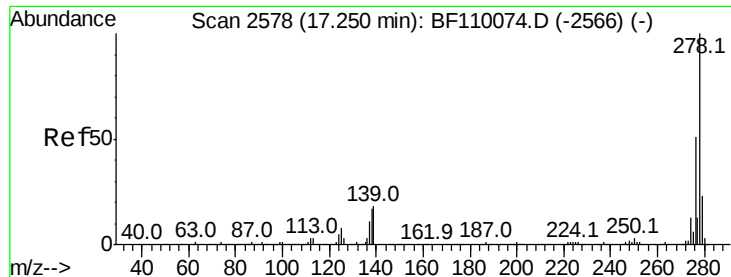
Sohil
11/6/2018 1:19:13 PM



#90
Benzo(a)pyrene
Concen: 47.448 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	11.0	9.0	13.6





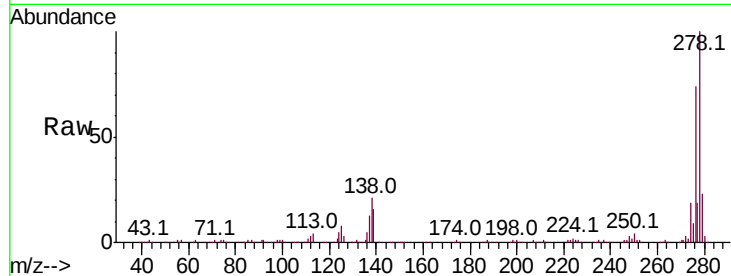
#91
Dibenzo(a,h)anthracene
Concen: 55.324 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Instrument :
BNA_F
ClientSampleId :
TP2-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.7	19.1
279	23.5	19.0	28.4

Manual Integrations
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Sohil
11/6/2018 1:19:13 PM

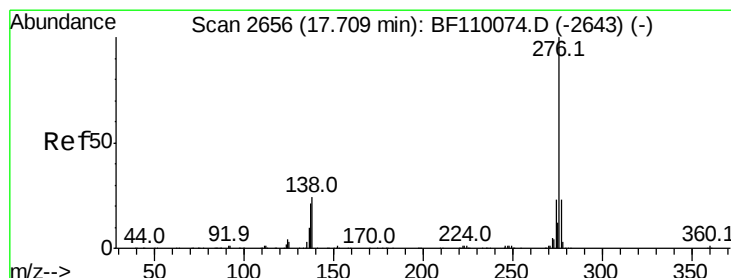
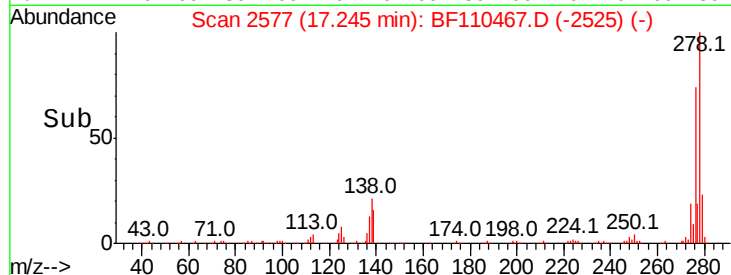
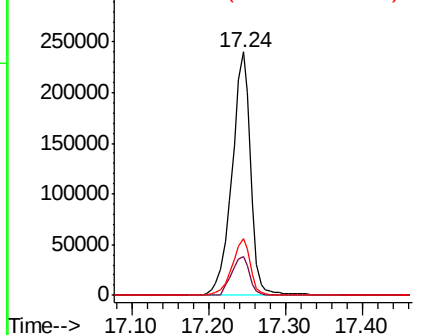


Abundance

Ion 278.00 (277.70 to 278.70): E

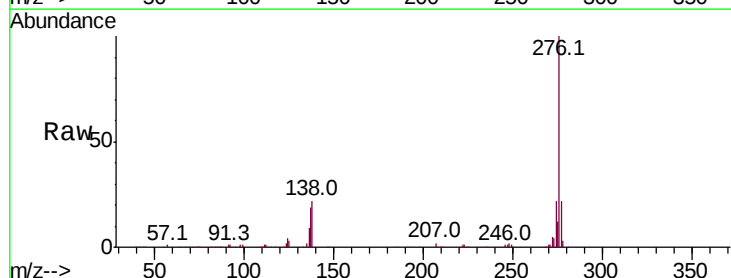
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 56.913 ng
RT: 17.71 min Scan# 2656
Delta R.T. 0.01 min
Lab File: BF110467.D
Acq: 5 Nov 2018 16:16

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.8	28.2
138	21.9	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

