

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110461.D
 Acq On : 5 Nov 2018 13:34
 Operator : JU/SJ
 Sample : J5745-18MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8BMS

Manual Integrations
 APPROVED

Sohil
 11/6/2018 9:00:53 AM

Quant Time: Nov 05 17:12:30 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	99329	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	416129	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	204716	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	374176	20.00	ng	0.00
76) Chrysene-d12	14.14	240	209589	20.00	ng	0.00
87) Perylene-d12	15.66	264	173486	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	825524	135.34	ng	0.02
7) Phenol-d6	6.59	99	1086781	139.30	ng	0.01
23) Nitrobenzene-d5	7.53	82	685544	97.71	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	275420	135.82	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1235598	94.78	ng	0.00
79) Terphenyl-d14	13.07	244	1114881	110.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	96819	30.296	ng	91
3) Pyridine	3.66	79	211276	29.682	ng	86
4) n-Nitrosodimethylamine	3.61	42	147746	49.544	ng	90
6) Aniline	6.63	93	316003	31.093	ng	# 54
8) 2-Chlorophenol	6.75	128	334169	47.519	ng	97
9) Benzaldehyde	6.51	77	223404	55.204	ng	98
10) Phenol	6.60	94	456582	54.749	ng	# 67
11) bis(2-Chloroethyl)ether	6.69	93	301624	43.961	ng	94
12) 1,3-Dichlorobenzene	6.90	146	334695	43.248	ng	99
13) 1,4-Dichlorobenzene	6.97	146	344096	43.963	ng	98
14) 1,2-Dichlorobenzene	7.13	146	318975	43.900	ng	99
15) Benzyl Alcohol	7.10	79	289948	48.320	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.22	45	488117	44.495	ng	72
17) 2-Methylphenol	7.21	107	273940	48.879	ng	# 84
18) Hexachloroethane	7.46	117	127521	44.501	ng	93
19) n-Nitroso-di-n-propylamine	7.37	70	230181	45.988	ng	97
20) 3+4-Methylphenols	7.36	107	339300	46.836	ng	92
22) Acetophenone	7.37	105	458377	47.805	ng	# 95
24) Nitrobenzene	7.55	77	344613	47.577	ng	95
25) Isophorone	7.78	82	648970	54.265	ng	96
26) 2-Nitrophenol	7.86	139	178589	51.812	ng	96
27) 2,4-Dimethylphenol	7.89	122	300112	52.516	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	404582	49.799	ng	98
29) 2,4-Dichlorophenol	8.10	162	286183	49.569	ng	100
30) 1,2,4-Trichlorobenzene	8.18	180	298957	46.228	ng	94
31) Naphthalene	8.26	128	967204	50.431	ng	100
32) Benzoic acid	7.97	122	31007	7.020	ng	94
33) 4-Chloroaniline	8.31	127	159359	18.462	ng	97
34) Hexachlorobutadiene	8.37	225	161565	44.995	ng	99
35) Caprolactam	8.69	113	95179m	47.299	ng	
36) 4-Chloro-3-methylphenol	8.79	107	313388	50.197	ng	94
37) 2-Methylnaphthalene	8.96	142	677451	53.387	ng	98
38) 1-Methylnaphthalene	9.06	142	635124	51.794	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	286133	44.859	ng	98

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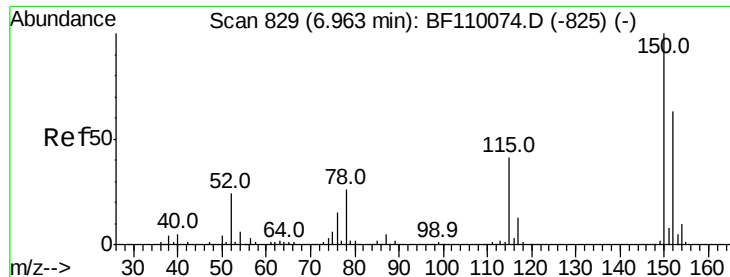
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	271340	83.193	nq	99
43) 2,4,6-Trichlorophenol	9.23	196	194418	47.257	nq	96
44) 2,4,5-Trichlorophenol	9.28	196	208285	47.896	nq	94
46) 1,1'-Biphenyl	9.42	154	822115	44.409	nq	99
47) 2-Chloronaphthalene	9.45	162	616958	45.433	nq	98
48) 2-Nitroaniline	9.55	65	203486	49.450	nq	97
49) Acenaphthylene	9.86	152	964864	49.194	nq	98
50) Dimethylphthalate	9.72	163	914469	60.514	nq	100
51) 2,6-Dinitrotoluene	9.79	165	160648	49.353	nq	98
52) Acenaphthene	10.04	154	586754	45.221	nq	98
53) 3-Nitroaniline	9.96	138	123519	31.909	nq	96
54) 2,4-Dinitrophenol	10.07	184	69043	55.162	nq	90
55) Dibenzofuran	10.21	168	835600	45.997	nq	97
56) 4-Nitrophenol	10.13	139	329148	114.888	nq	98
57) 2,4-Dinitrotoluene	10.20	165	212922	51.498	nq	94
58) Fluorene	10.55	166	684967	50.662	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	174758	49.303	nq	95
60) Diethylphthalate	10.42	149	707476	47.960	nq	100
61) 4-Chlorophenyl-phenylether	10.54	204	323283	45.326	nq	97
62) 4-Nitroaniline	10.58	138	174102	45.221	nq	97
63) Azobenzene	10.70	77	687847	46.976	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	73528	43.011	nq	95
66) n-Nitrosodiphenylamine	10.66	169	591395	48.187	nq	96
67) 4-Bromophenyl-phenylether	11.03	248	192628	47.460	nq	# 89
68) Hexachlorobenzene	11.10	284	197600	45.885	nq	98
69) Atrazine	11.19	200	193046	49.773	nq	98
70) Pentachlorophenol	11.30	266	171854	68.437	nq	96
71) Phenanthrene	11.52	178	970445	49.567	nq	99
72) Anthracene	11.57	178	996457	50.776	nq	99
73) Carbazole	11.73	167	868148	45.308	nq	99
74) Di-n-butylphthalate	12.03	149	1058028	48.891	nq	100
75) Fluoranthene	12.71	202	956417	48.134	nq	100
77) Benzidine	12.83	184	42874	4.434	nq	97
78) Pyrene	12.94	202	939007	62.493	nq	99
80) Butylbenzylphthalate	13.54	149	377414	57.870	nq	96
81) Benzo(a)anthracene	14.13	228	641286	51.596	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	123083	28.439	nq	99
83) Chrysene	14.17	228	591377	50.095	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	470662	53.386	nq	96
85) Di-n-octyl phthalate	14.70	149	668904	48.795	nq	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	598204	61.082	nq	97
88) Benzo(b)fluoranthene	15.21	252	503251	50.234	nq	99
89) Benzo(k)fluoranthene	15.24	252	489869	49.739	nq	97
90) Benzo(a)pyrene	15.60	252	491017	53.265	nq	99
91) Dibenzo(a,h)anthracene	17.25	278	496230	62.387	nq	99
92) Benzo(g,h,i)perylene	17.72	276	512451	65.380	nq	97

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



#1

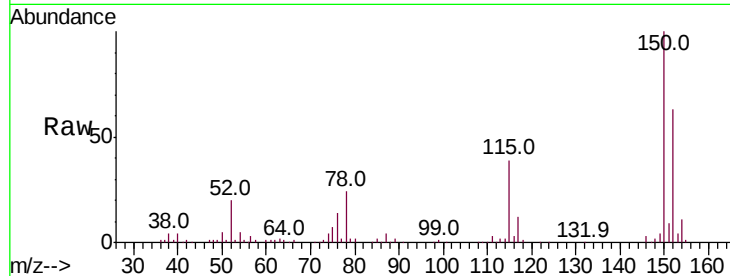
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	122.7	184.1
115	62.2	49.1	73.7

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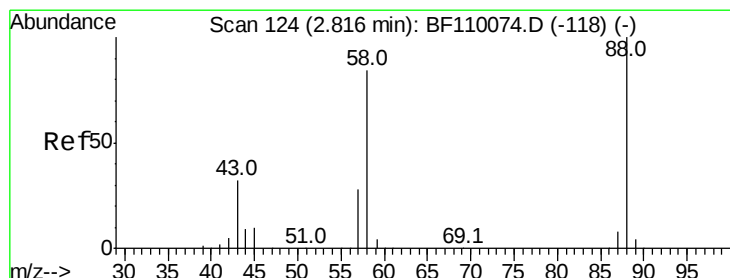
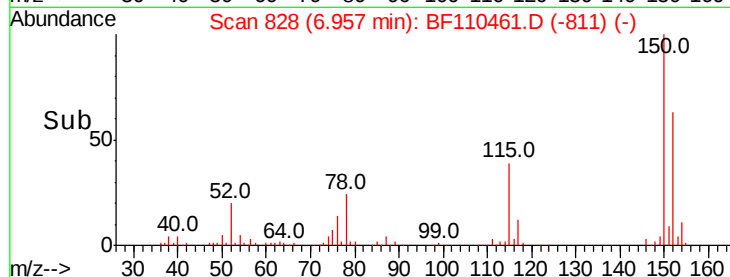
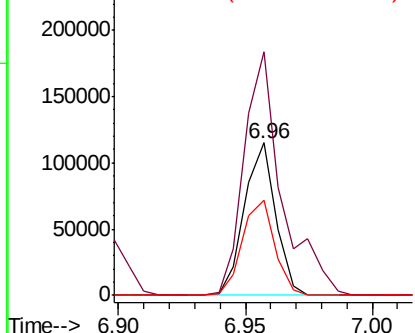


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

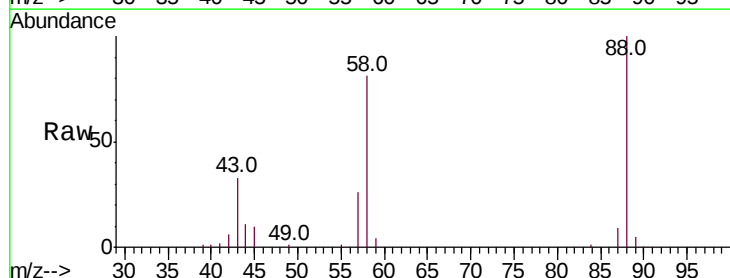
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.296 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.08 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.1	57.1	85.7
43	32.0	24.1	36.1

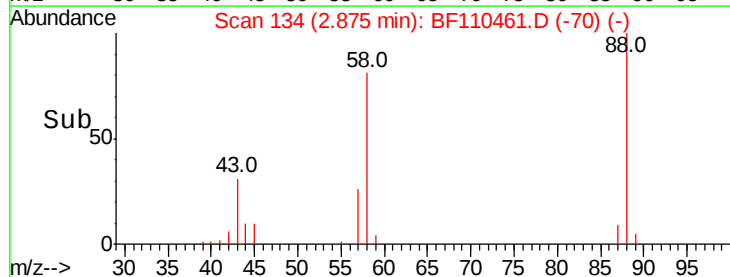
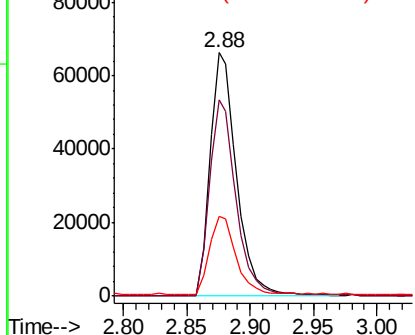


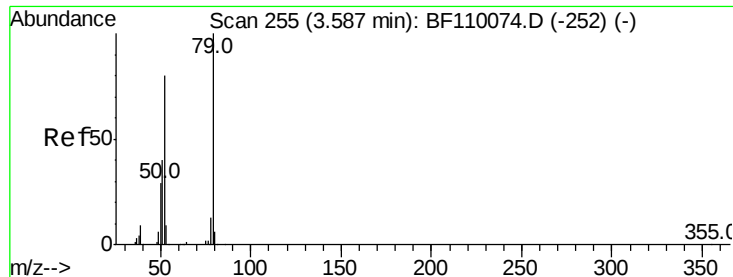
Abundance

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: 29.682 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.08 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Instrument :

BNA_F

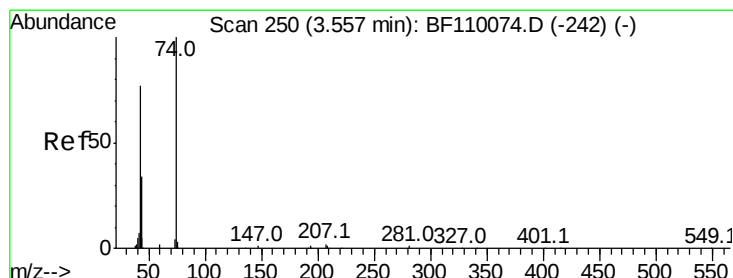
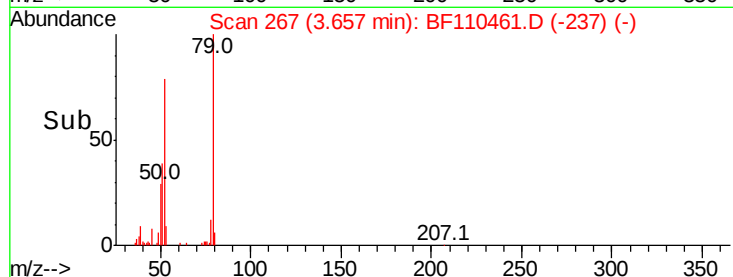
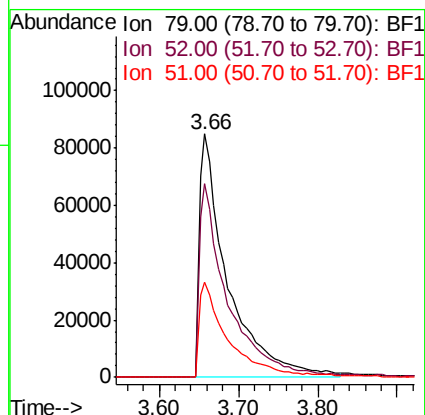
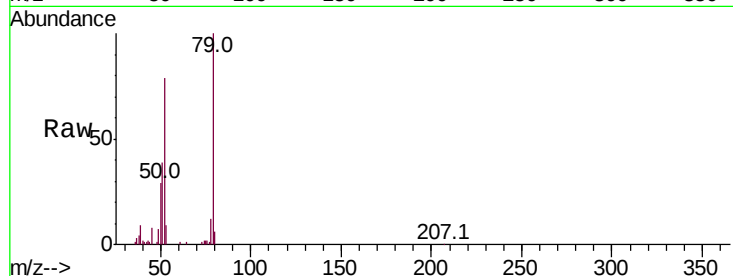
ClientSampled :

8BMS

Tot Ion:	79	Resp:	211276
Ion Ratio	Lower	Upper	
79	100		
52	79.3	53.1	79.7
51	39.3	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 49.544 ng

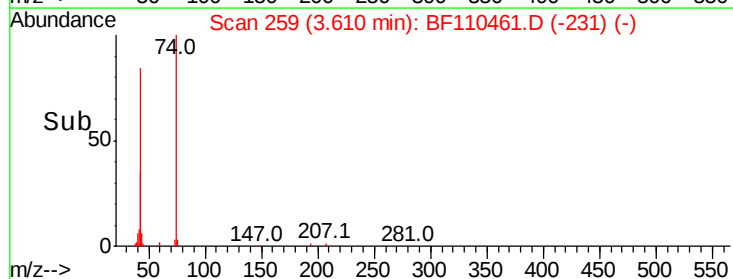
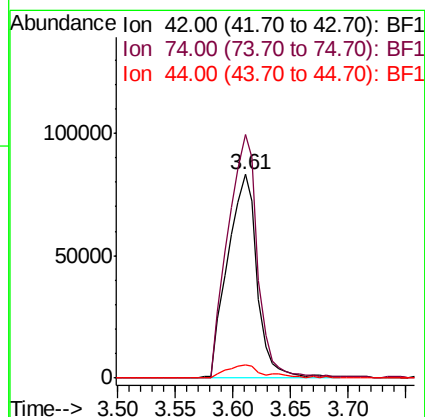
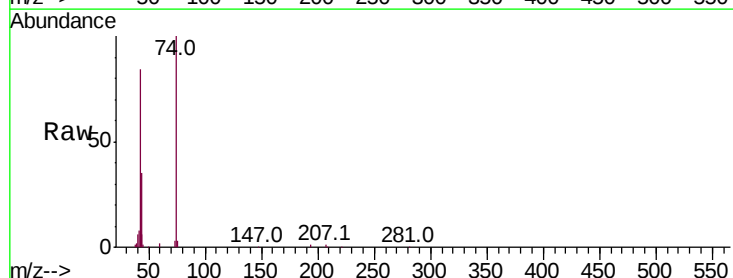
RT: 3.61 min Scan# 259

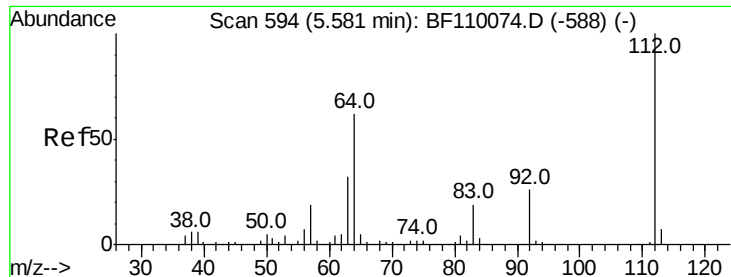
Delta R.T. 0.06 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Tgt Ion:	42	Resp:	147746
Ion Ratio	Lower	Upper	
42	100		
74	119.6	105.5	158.3
44	6.6	4.9	7.3





#5

2-Fluorophenol

Concen: 135.341 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.02 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Instrument :

BNA_F

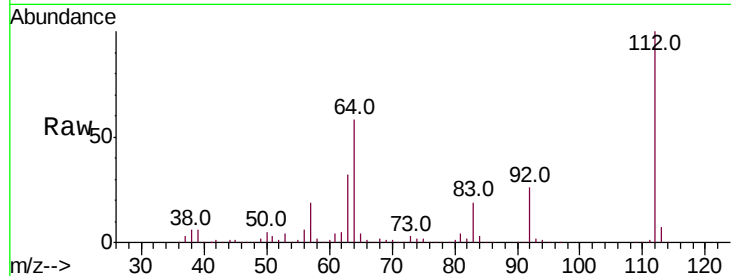
ClientSampled :

8BMS

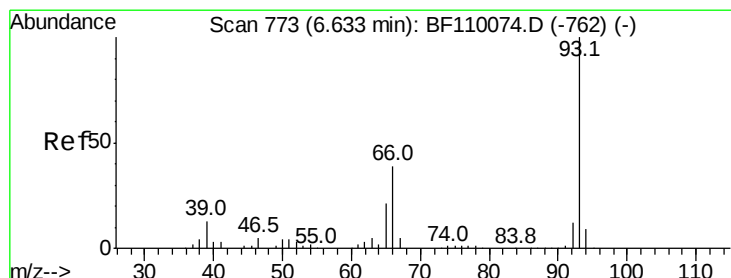
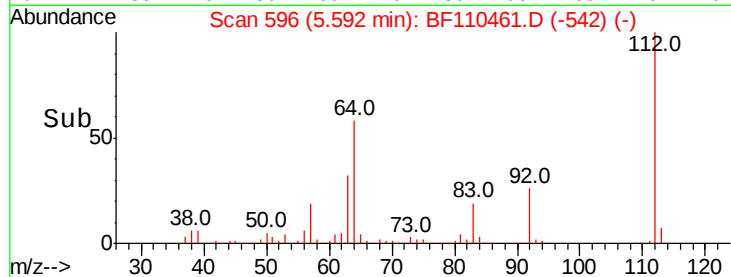
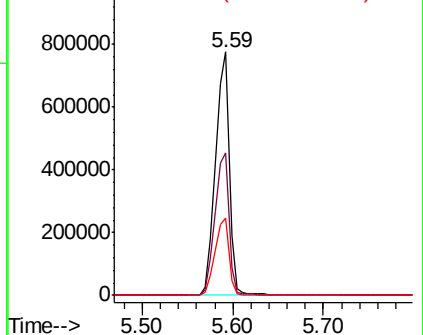
Tot Ion:	112	Resp:	825524
Ion Ratio	Lower	Upper	
112	100		
64	58.5	44.1	66.1
63	31.6	23.7	35.5

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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: 31.093 ng

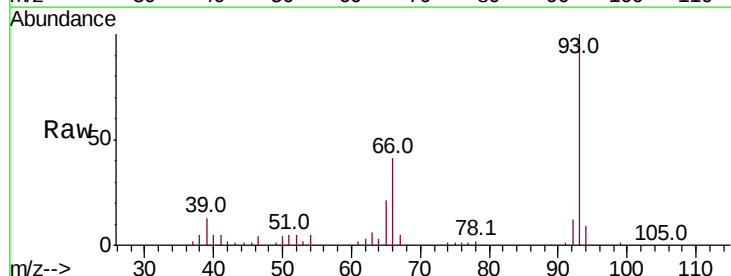
RT: 6.63 min Scan# 772

Delta R.T. 0.01 min

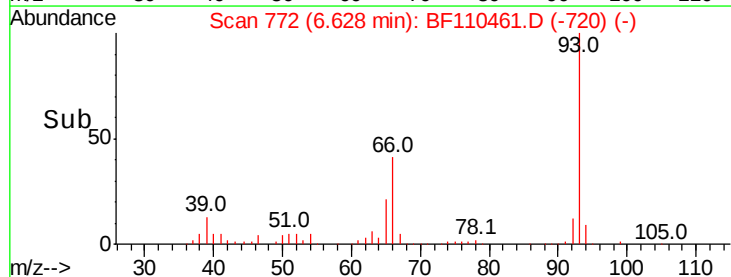
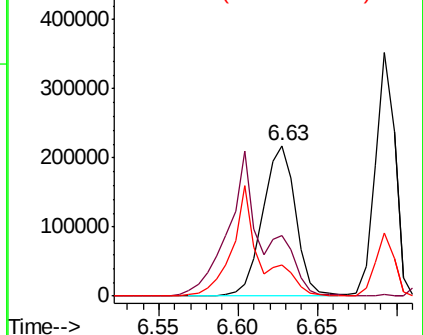
Lab File: BF110461.D

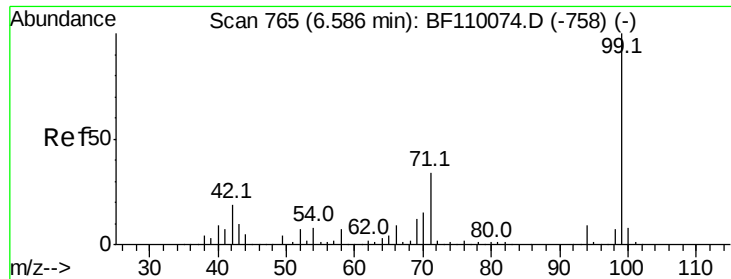
Acq: 5 Nov 2018 13:34

Tgt Ion:	93	Resp:	316003
Ion Ratio	Lower	Upper	
93	100		
66	40.5	67.4	101.0#
65	21.0	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: 139.298 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Instrument :

BNA_F

ClientSampleId :

8BMS

Tot Ion: 99 Resp: 1086781

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

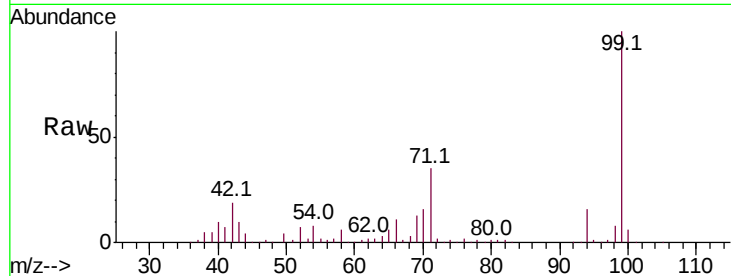
71 35.1 28.0 42.0

Manual Integrations

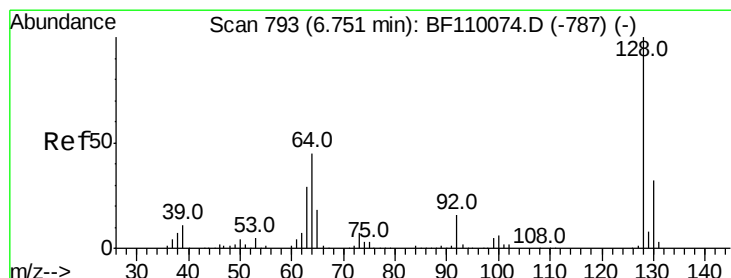
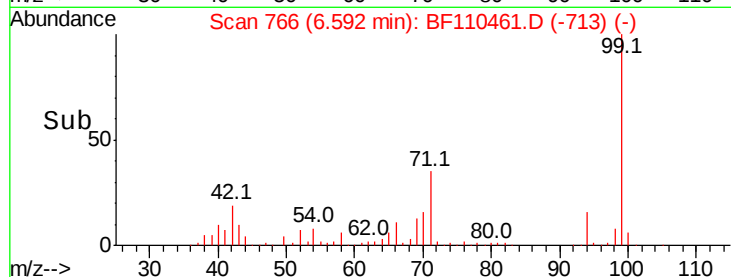
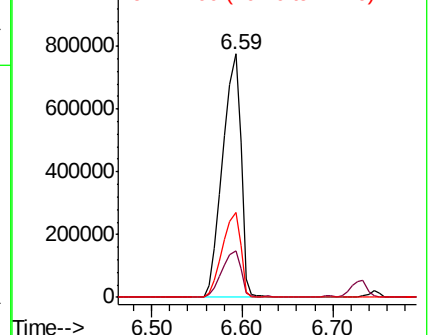
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.519 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

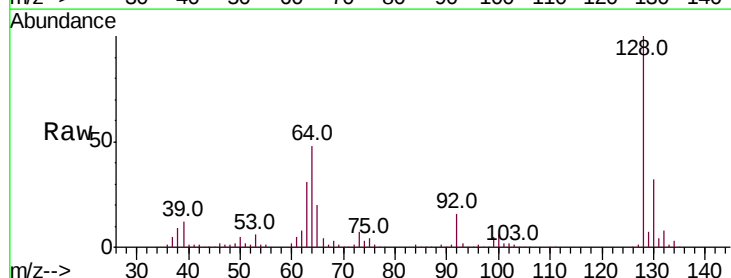
Tgt Ion:128 Resp: 334169

Ion Ratio Lower Upper

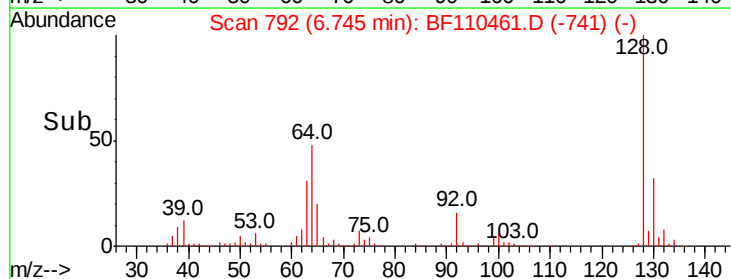
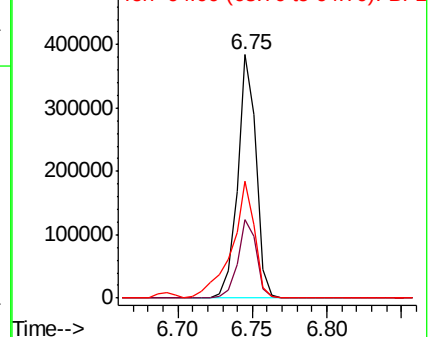
128 100

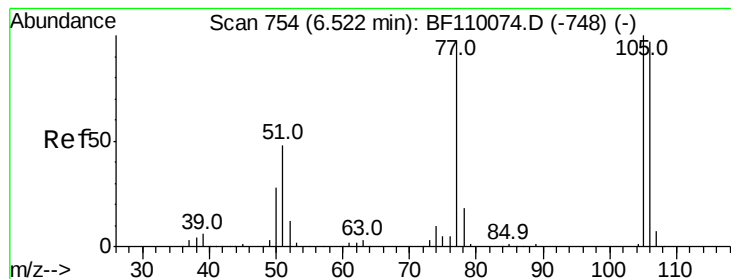
130 32.0 13.1 53.1

64 48.3 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: 55.204 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Instrument :

BNA_F

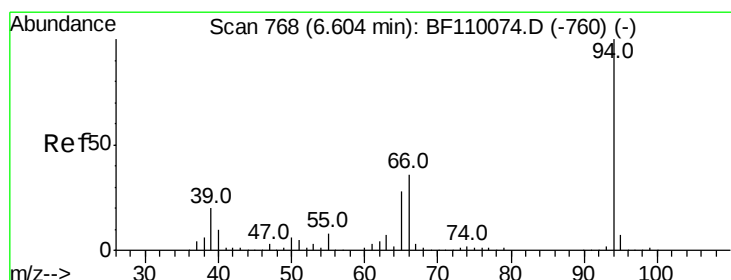
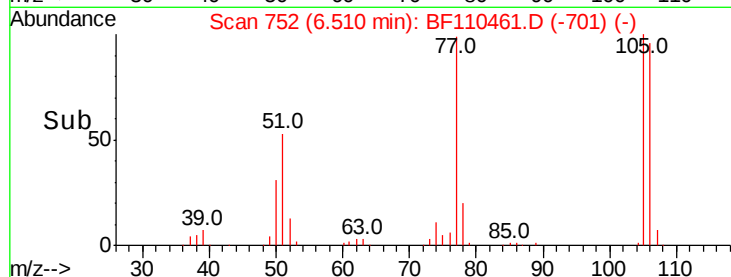
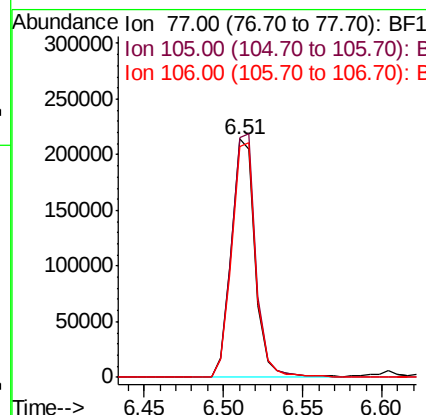
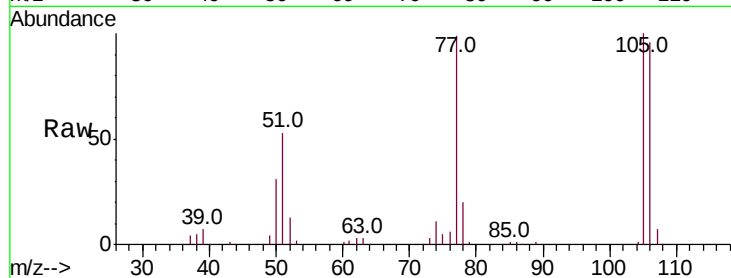
ClientSampled :

8BMS

Tot Ion:	77	Resp:	223404
Ion Ratio	Lower	Upper	
77	100		
105	100.5	78.6	118.6
106	97.0	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 54.749 ng

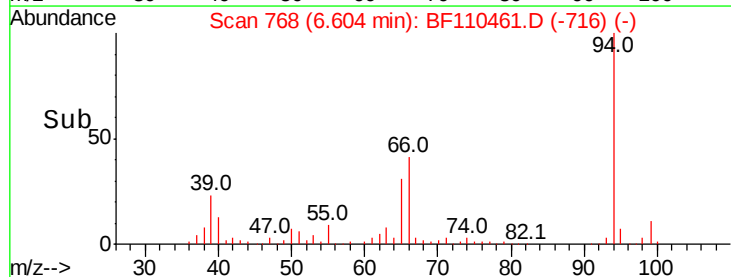
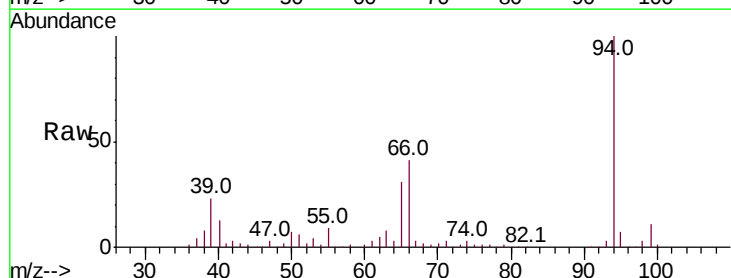
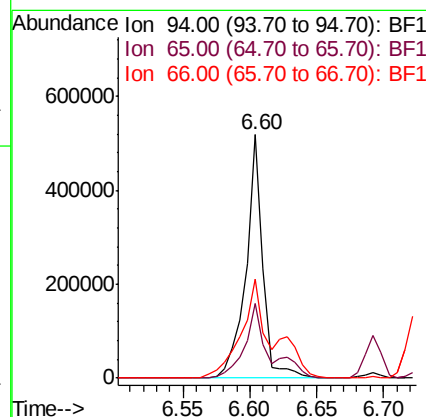
RT: 6.60 min Scan# 768

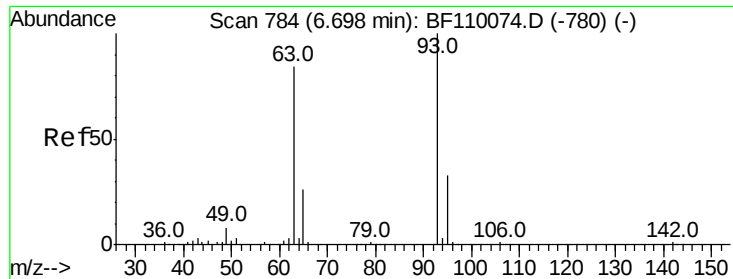
Delta R.T. 0.01 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Tgt Ion:	94	Resp:	456582
Ion Ratio	Lower	Upper	
94	100		
65	30.8	25.3	65.3
66	40.5	54.5	94.5#





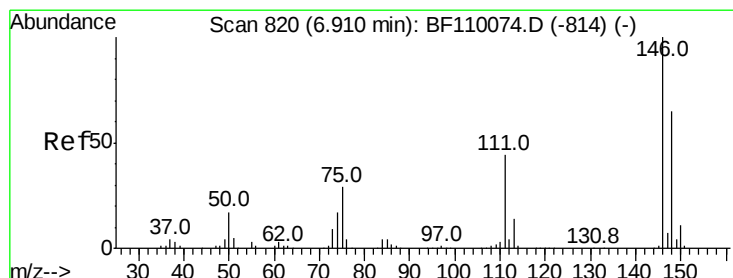
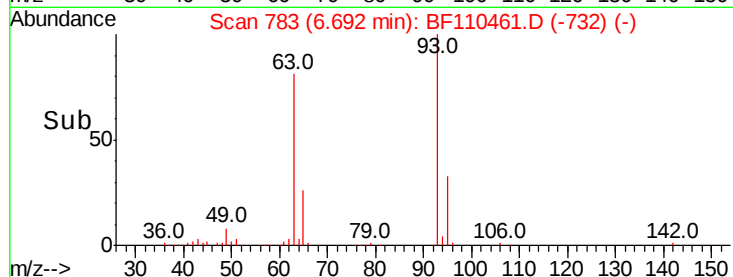
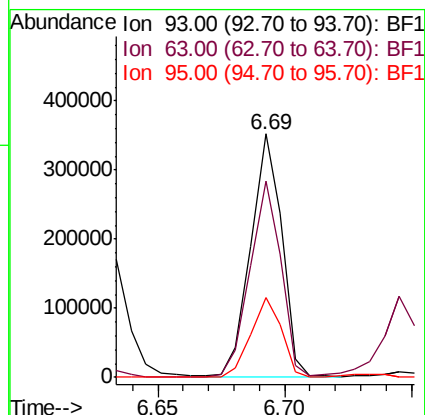
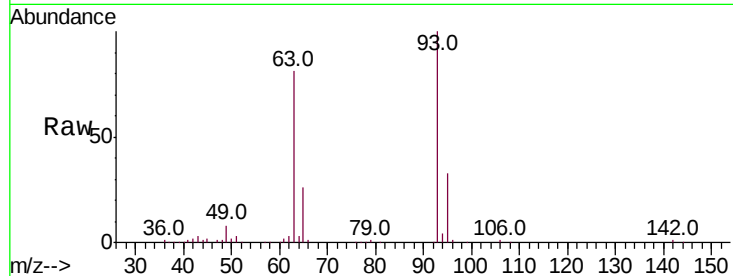
#11
bis(2-Chloroethyl)ether
Concen: 43.961 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampleId :
8BMS

Tot Ion	93	Resp	301624
Ion	Ratio	Lower	Upper
93	100		
63	80.7	53.4	93.4
95	32.9	12.1	52.1

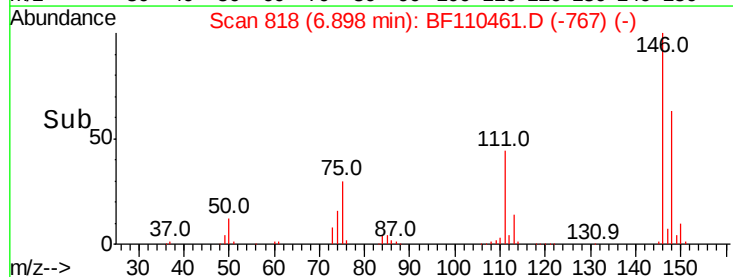
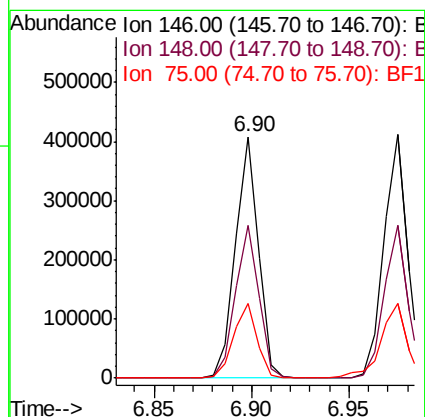
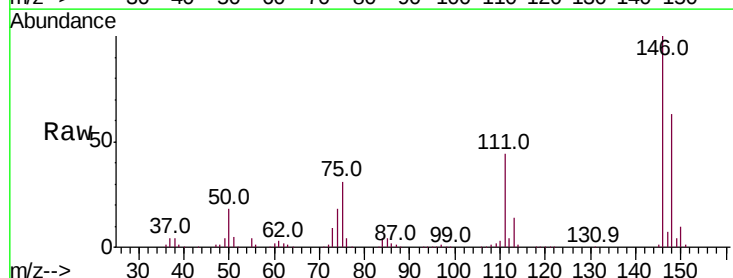
Manual Integrations
APPROVED

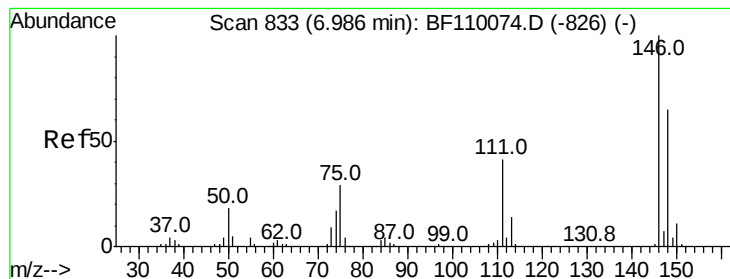
Sohil
11/6/2018 9:00:53 AM



#12
1,3-Dichlorobenzene
Concen: 43.248 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	146	Resp	334695
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
75	30.8	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 43.963 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Instrument :

BNA_F

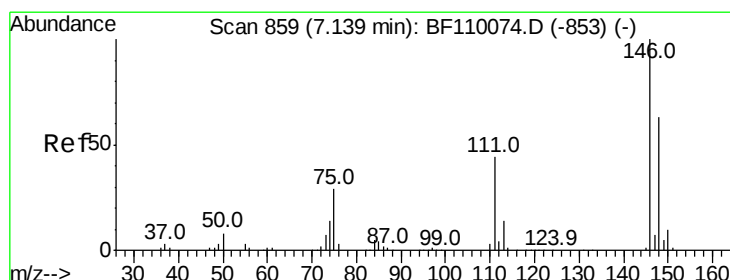
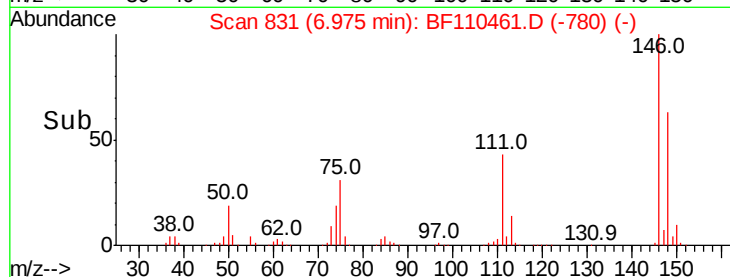
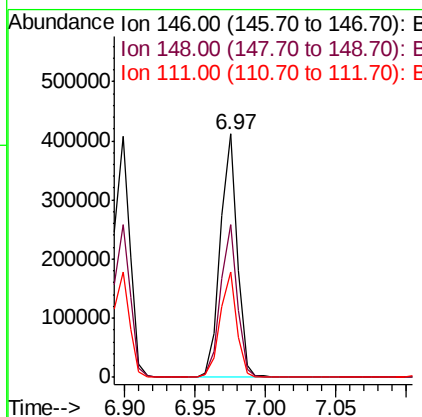
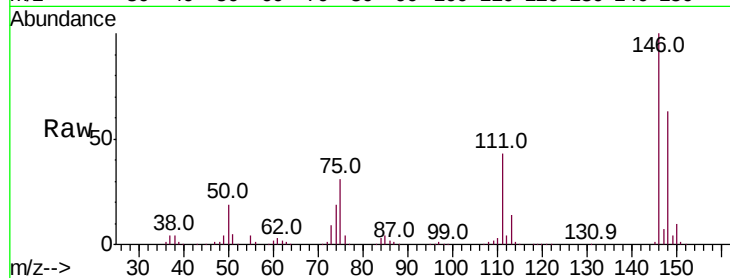
ClientSampled :

8BMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.3	75.5
111	43.1	32.7	49.1

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11/6/2018 9:00:53 AM



#14

1,2-Dichlorobenzene

Concen: 43.900 ng

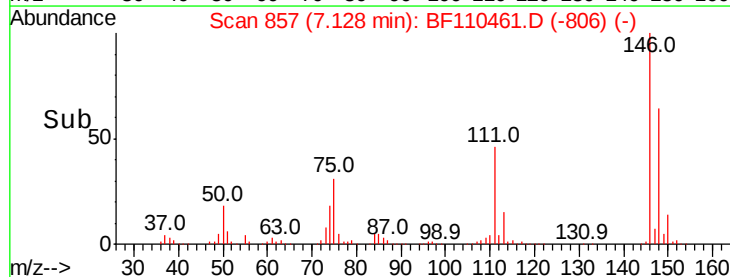
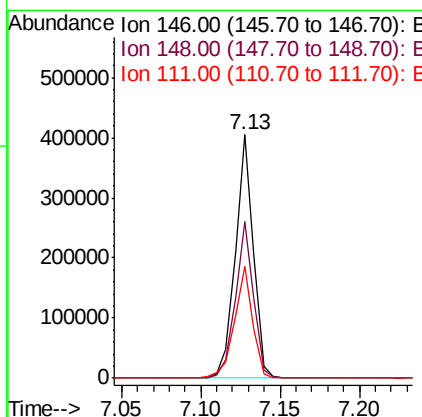
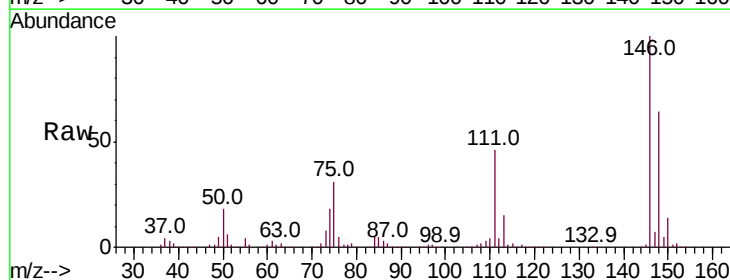
RT: 7.13 min Scan# 857

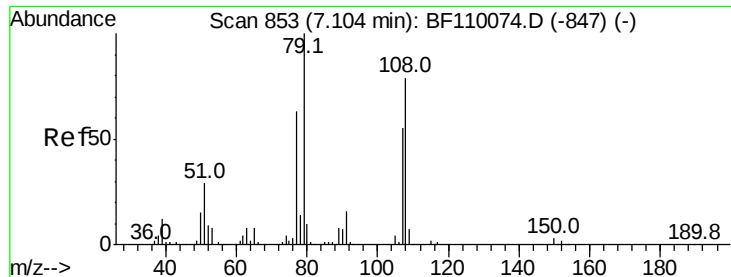
Delta R.T. 0.00 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	45.7	35.8	53.6





#15

Benzyl Alcohol

Concen: 48.320 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Instrument :

BNA_F

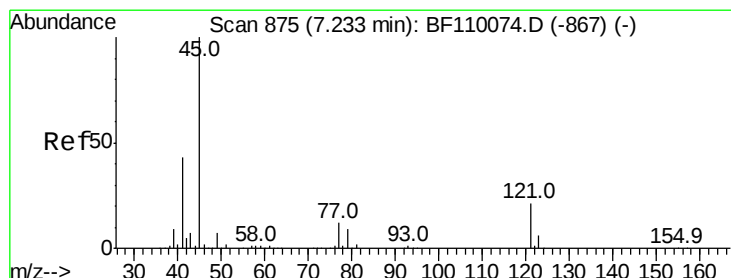
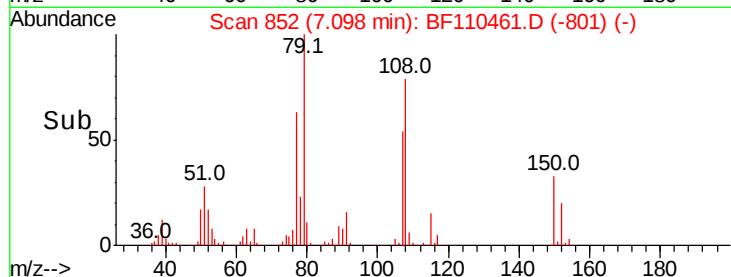
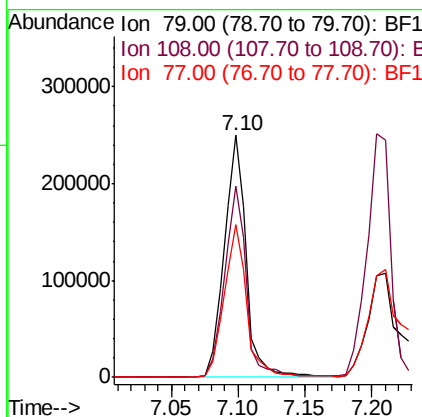
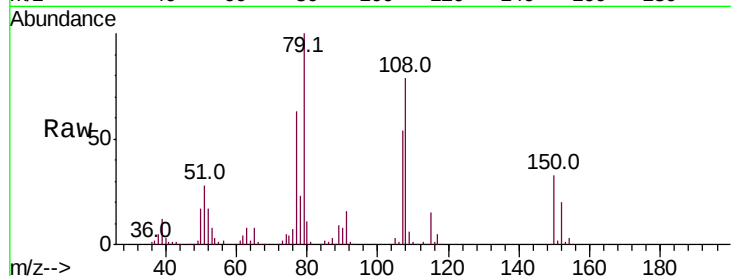
ClientSampled :

8BMS

Tot Ion:	79	Resp:	289948
Ion Ratio	Lower	Upper	
79	100		
108	78.8	56.3	84.5
77	63.0	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.495 ng

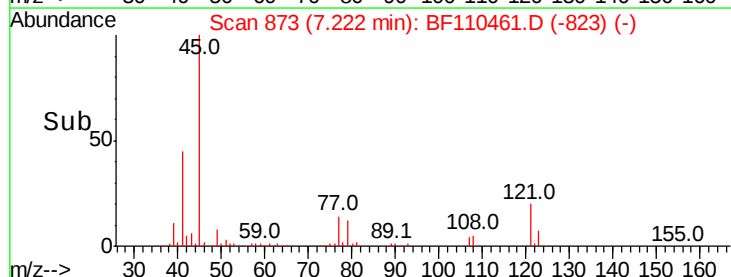
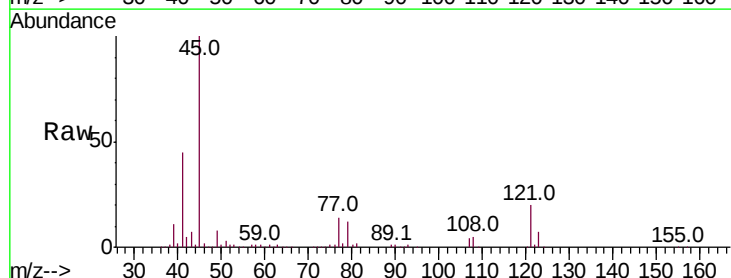
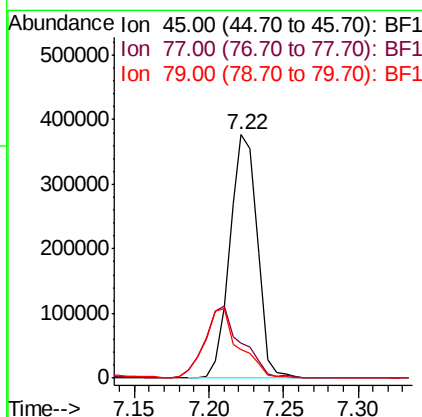
RT: 7.22 min Scan# 873

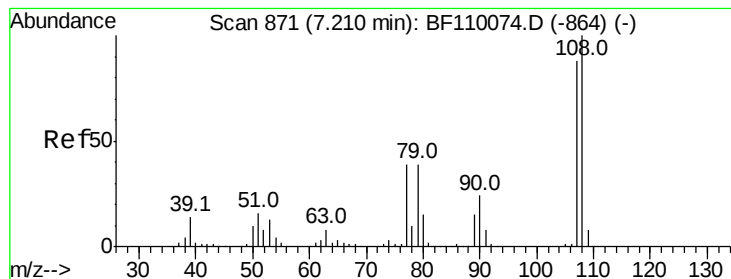
Delta R.T. -0.01 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Tgt Ion:	45	Resp:	488117
Ion Ratio	Lower	Upper	
45	100		
77	14.5	10.0	50.0
79	11.7	6.1	46.1





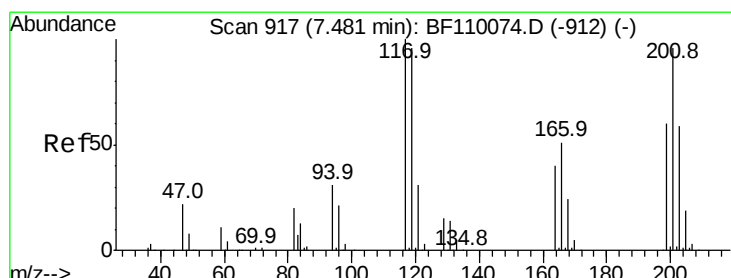
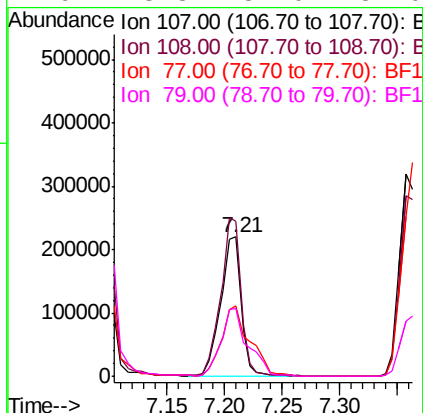
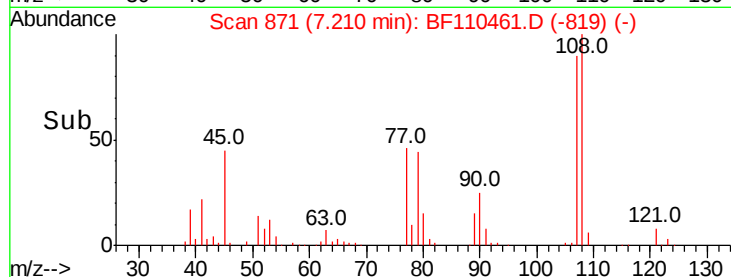
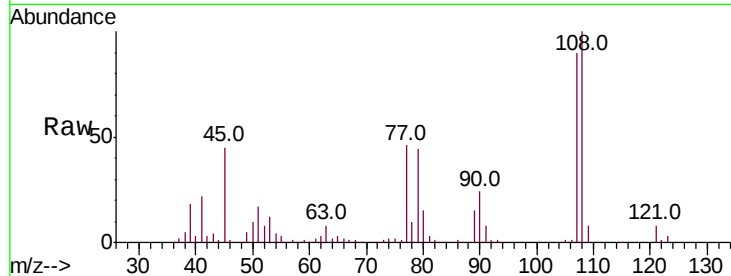
#17
2-Methylphenol
Concen: 48.879 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	273940		
108	111.3	92.6	138.8	
77	50.7	59.4	89.2#	
79	48.8	54.0	81.0#	

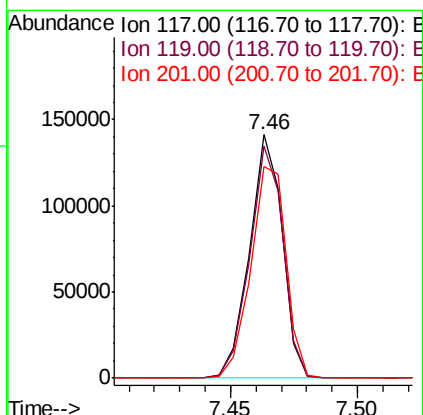
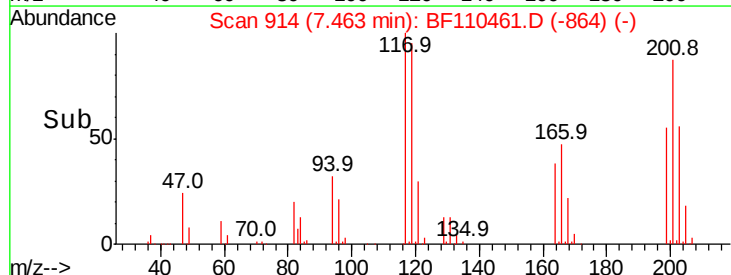
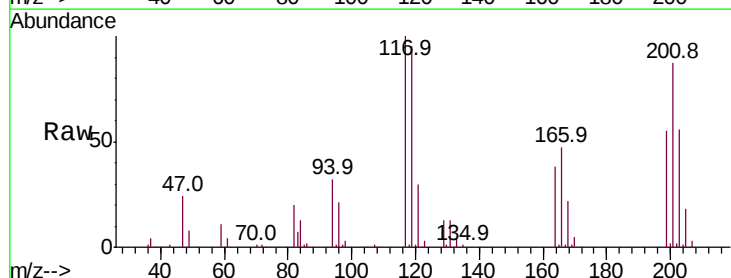
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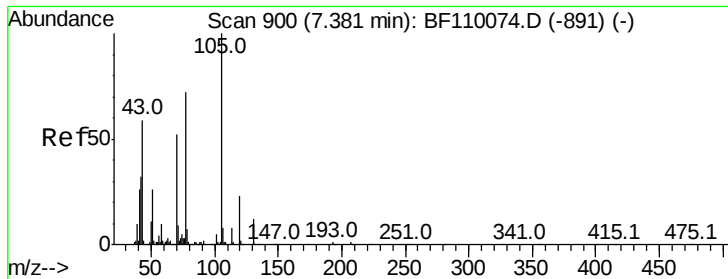
Sohil
11/6/2018 9:00:53 AM



#18
Hexachloroethane
Concen: 44.501 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	127521		
119	95.1	75.0	112.6	
201	87.1	79.2	118.8	





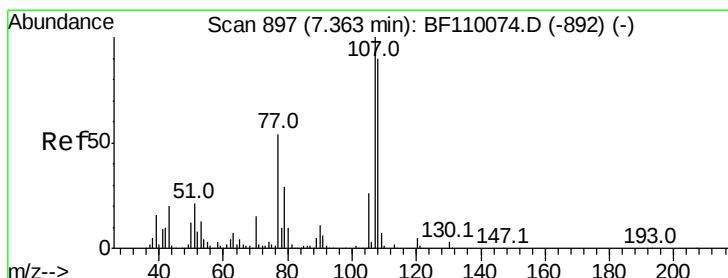
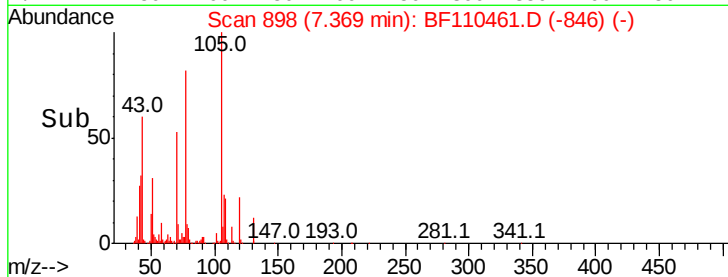
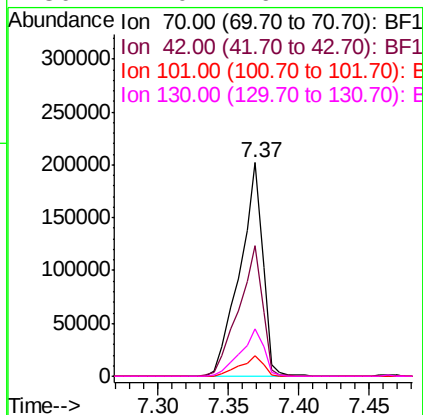
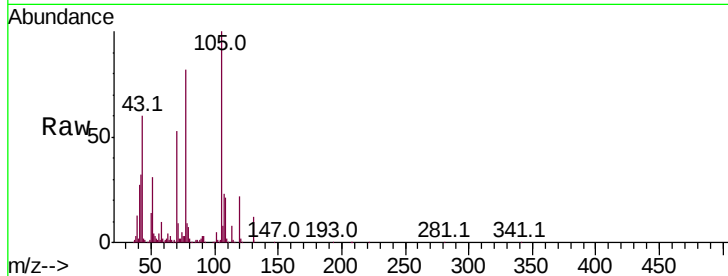
#19
n-Nitroso-di-n-propylamine
Concen: 45.988 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampleId :
8BMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.2	47.4	71.2
101	9.7	7.3	10.9
130	22.0	16.2	24.2

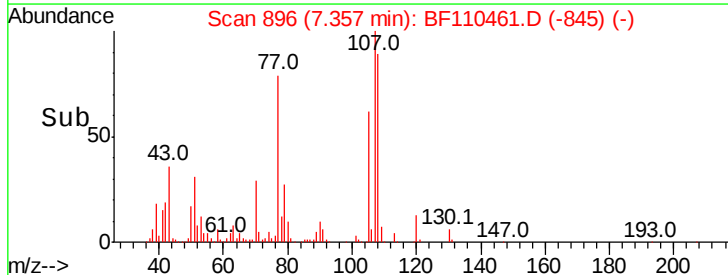
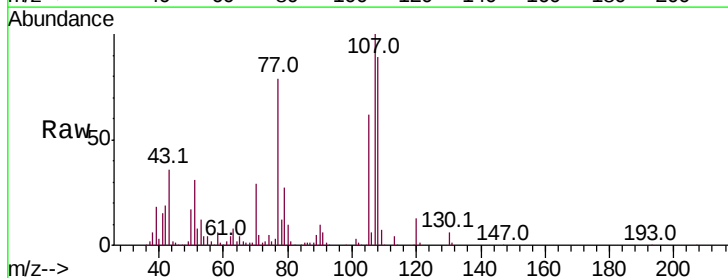
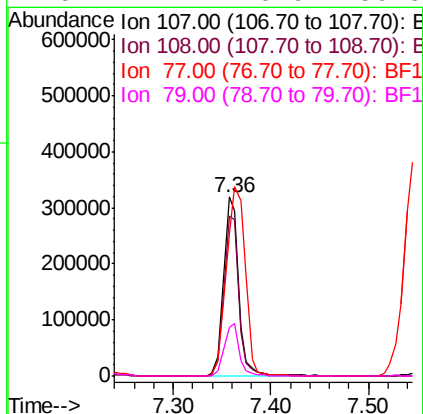
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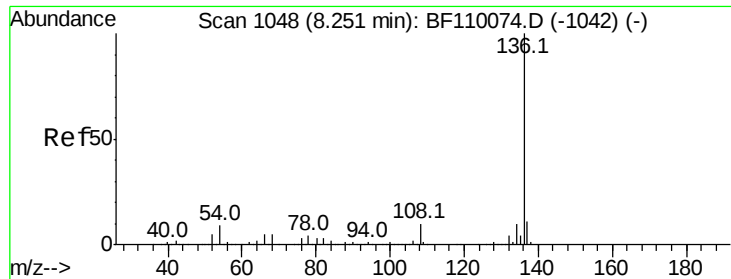
Sohil
11/6/2018 9:00:53 AM



#20
3+4-Methylphenols
Concen: 46.836 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	71.4	111.4
77	79.4	47.3	87.3
79	27.4	10.9	50.9





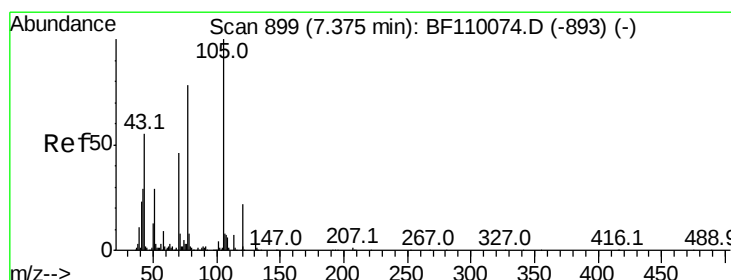
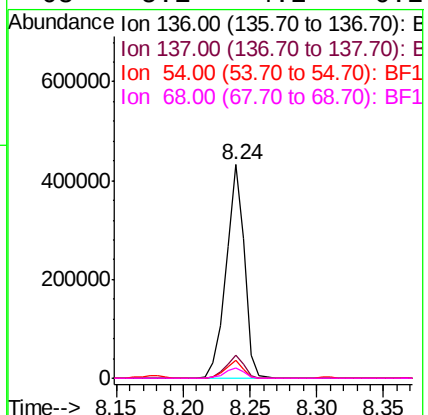
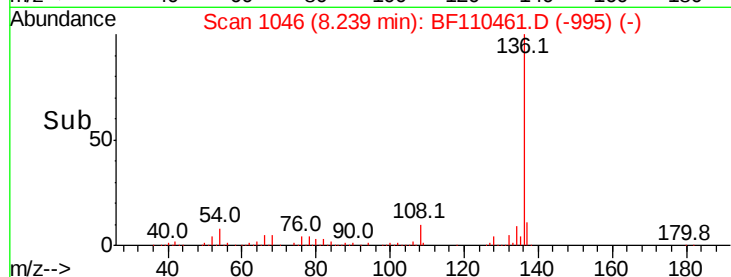
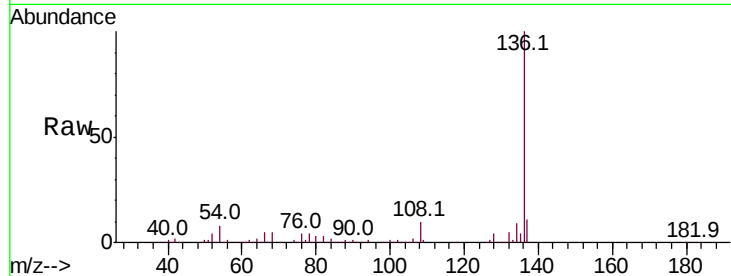
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampleId :
8BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		416129		
137	10.6		8.8	13.2	
54	8.1		5.4	8.2	
68	5.1		4.2	6.2	

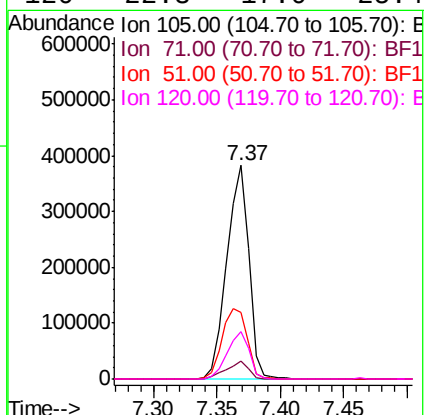
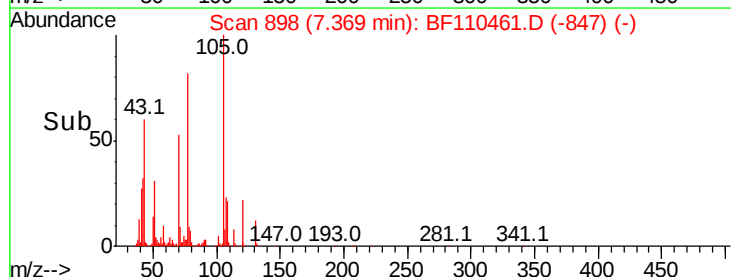
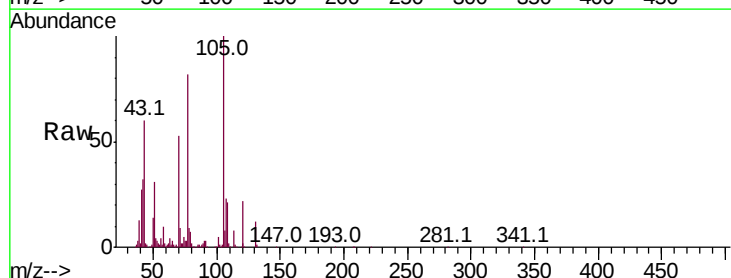
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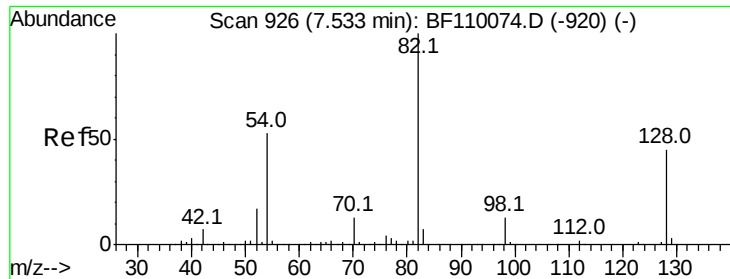
Sohil
11/6/2018 9:00:53 AM



#22
Acetophenone
Concen: 47.805 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		458377		
71	8.5		5.2	7.8#	
51	31.1		21.8	32.8	
120	22.3		17.0	25.4	





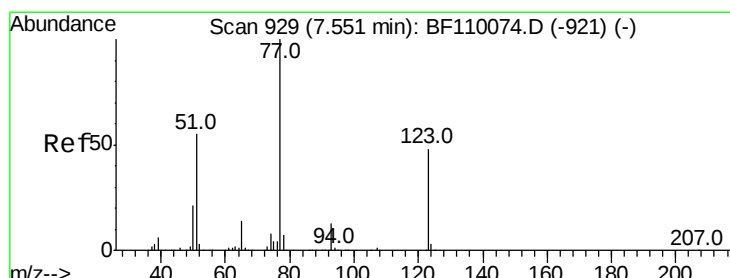
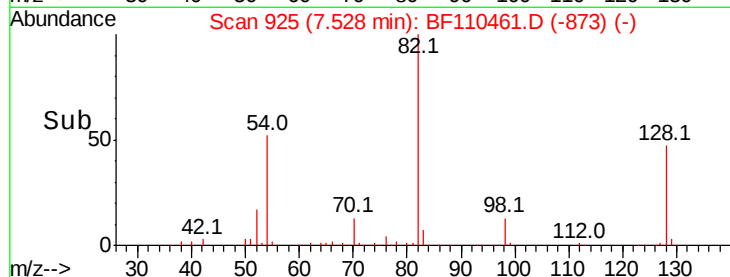
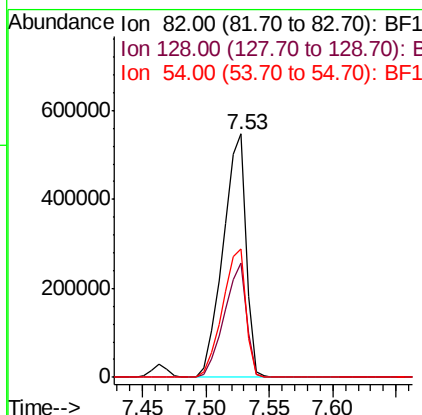
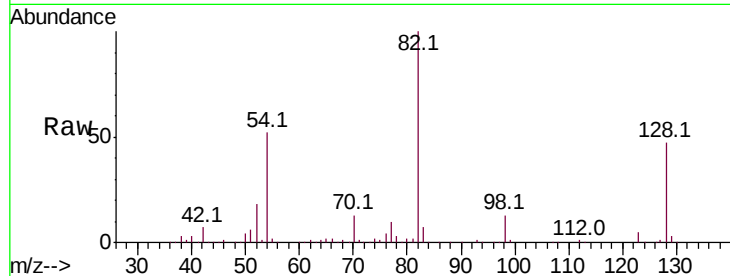
#23
 Nitrobenzene-d5
 Concen: 97.714 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Instrument :
 BNA_F
 ClientSampled :
 8BMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.2	51.2
54	52.5	38.6	58.0

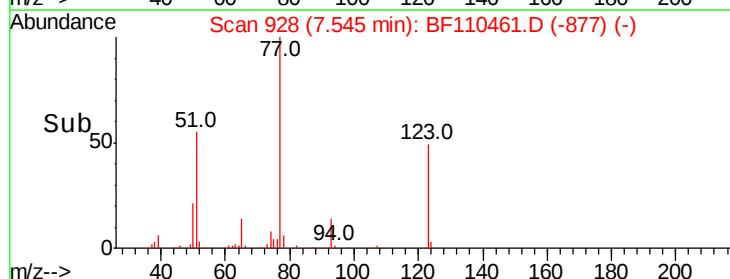
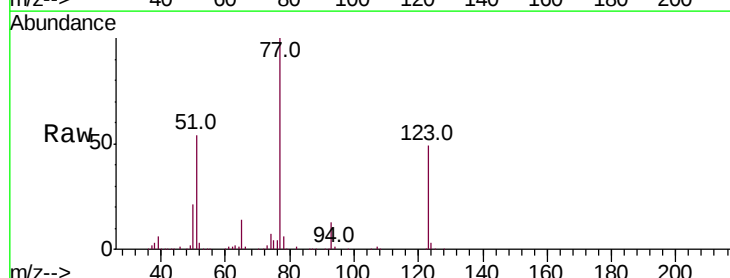
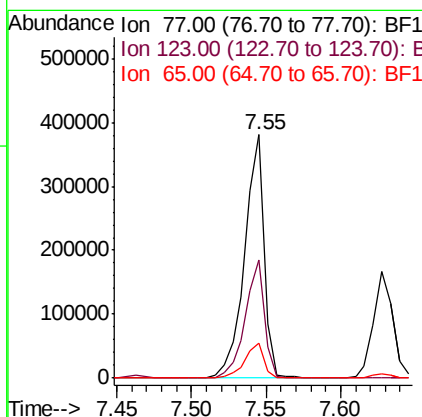
Manual Integrations
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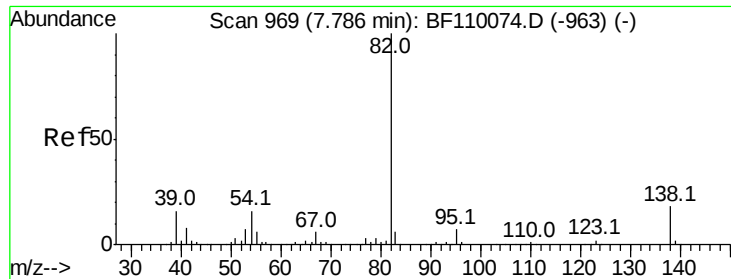
Sohil
 11/6/2018 9:00:53 AM



#24
 Nitrobenzene
 Concen: 47.577 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	35.7	53.5
65	14.1	10.7	16.1





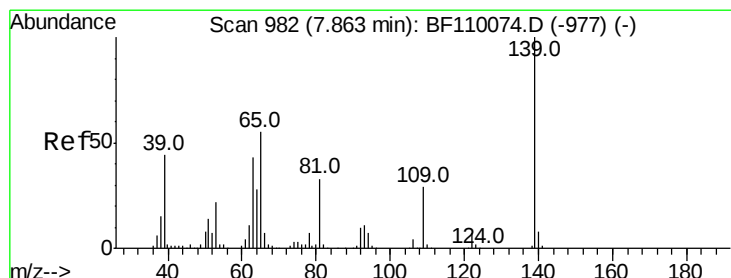
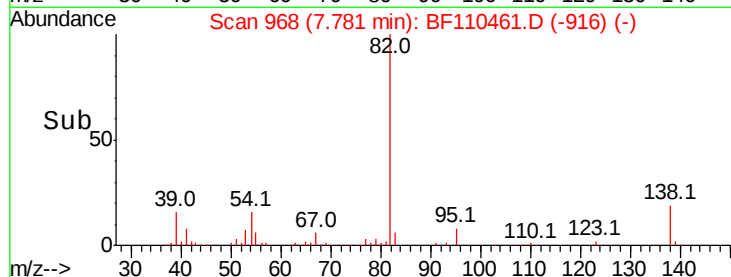
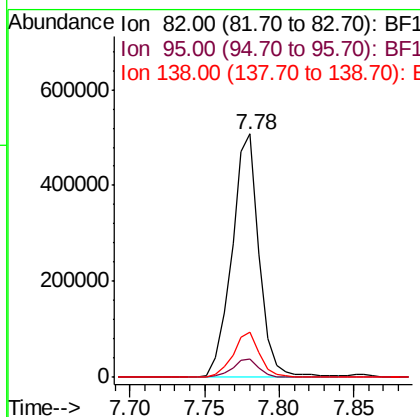
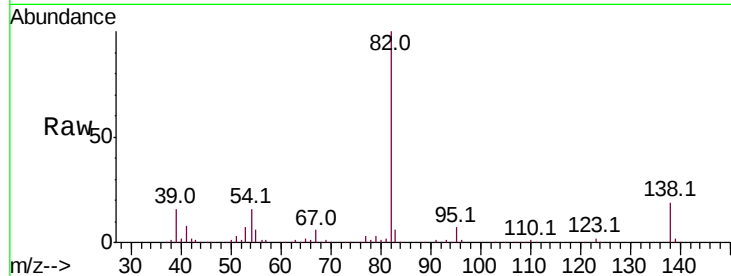
#25
Isophorone
Concen: 54.265 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.7	8.5
138	18.5	13.2	19.8

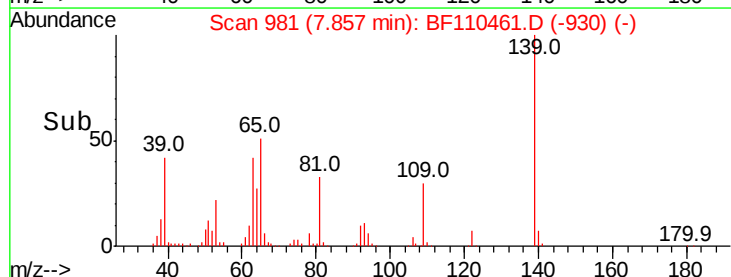
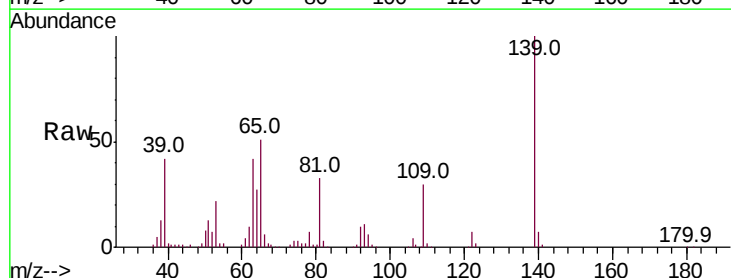
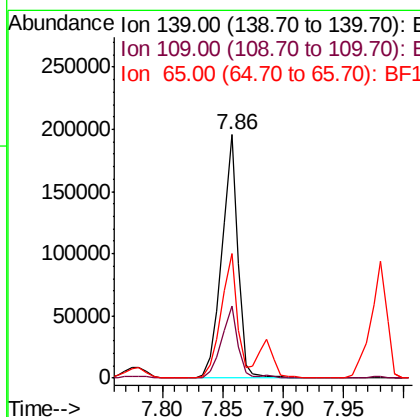
Manual Integrations
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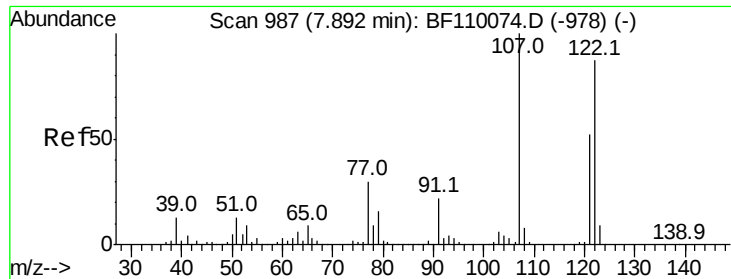
Sohil
11/6/2018 9:00:53 AM



#26
2-Nitrophenol
Concen: 51.812 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.6	25.0	37.6
65	51.3	44.0	66.0





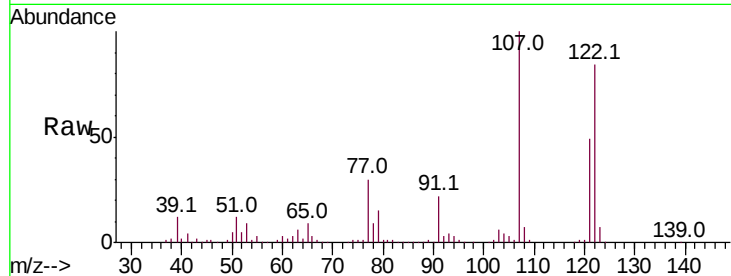
#27
2,4-Dimethylphenol
Concen: 52.516 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.6	92.5	138.7
121	59.1	45.8	68.8

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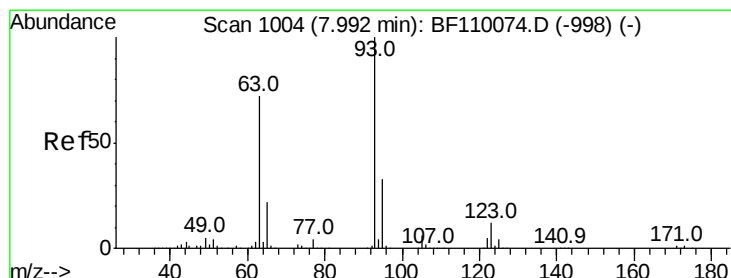
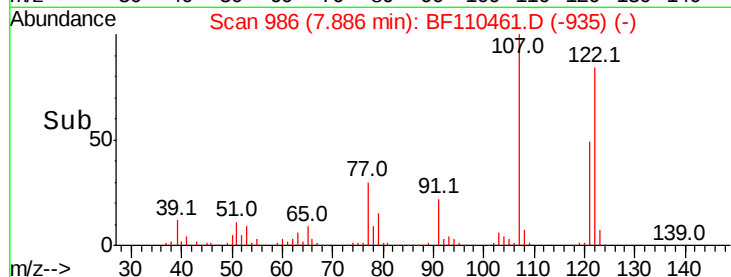
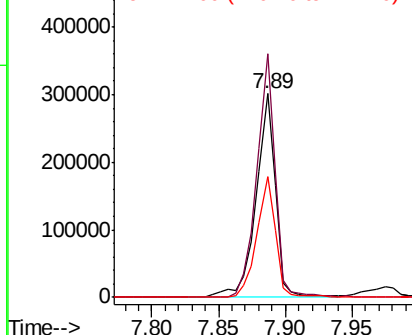


Abundance

Ion 122.00 (121.70 to 122.70): E

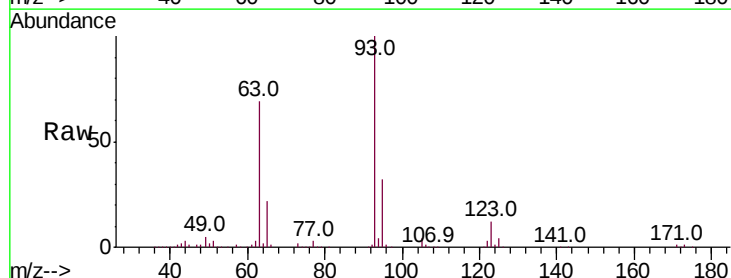
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 49.799 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.4	39.6
123	11.6	9.0	13.6

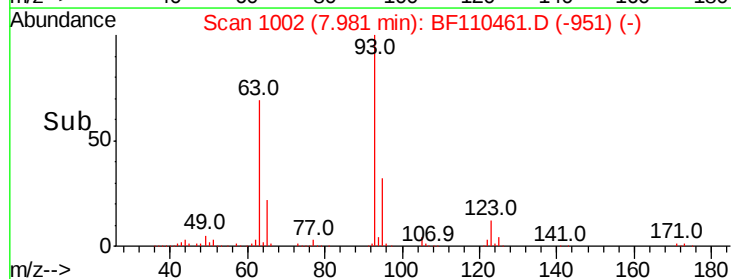
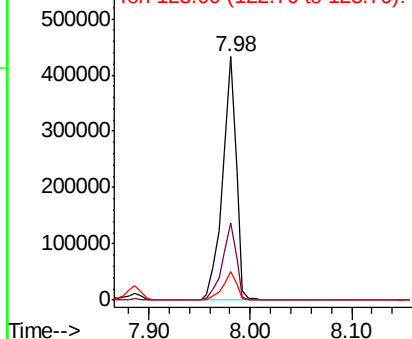


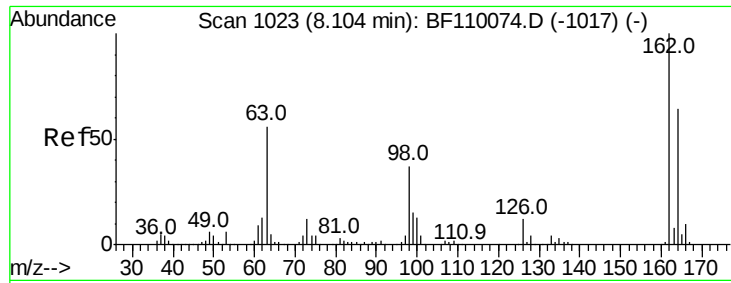
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





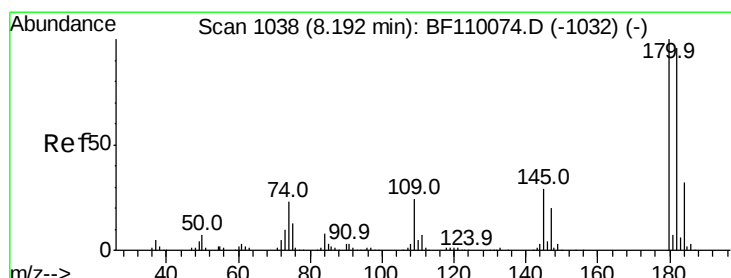
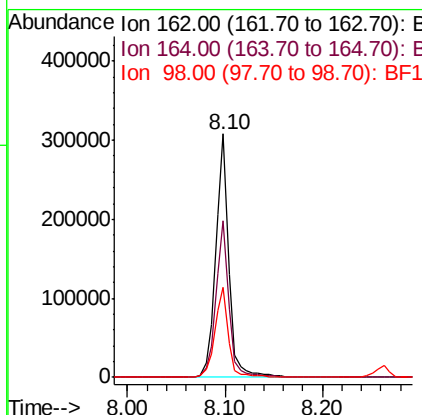
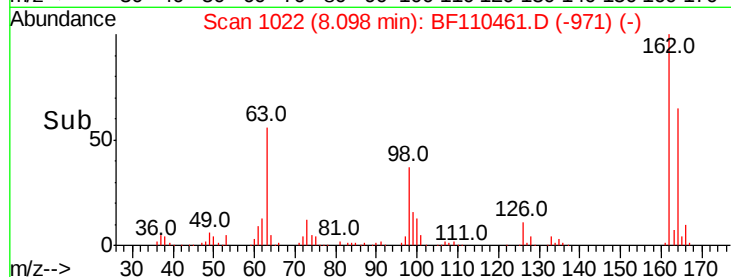
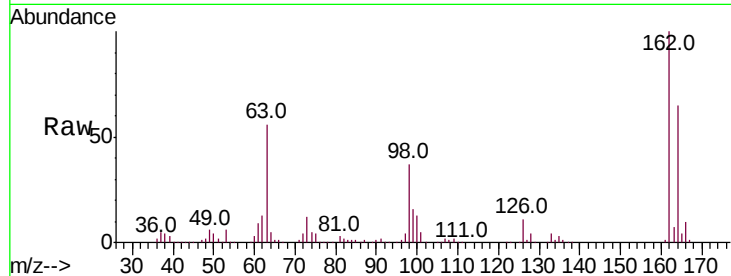
#29
 2,4-Dichlorophenol
 Concen: 49.569 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Instrument :
 BNA_F
 ClientSampled :
 8BMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.5	44.6	84.6
98	37.0	17.4	57.4

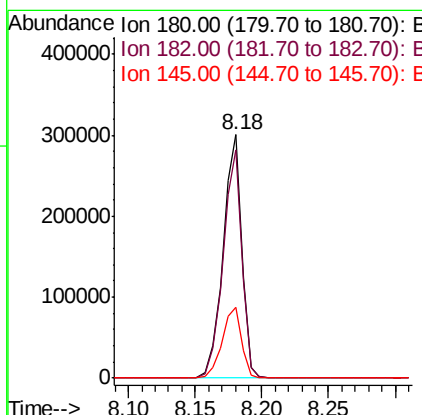
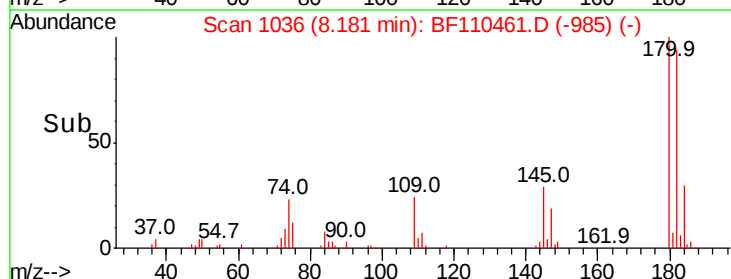
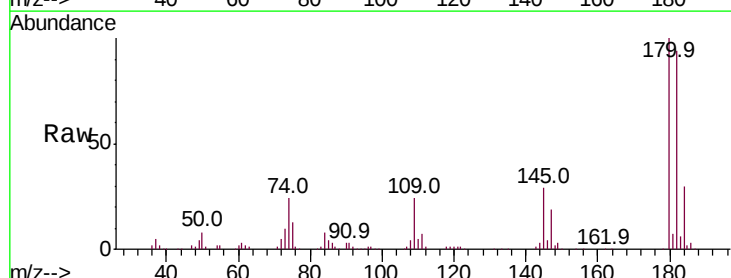
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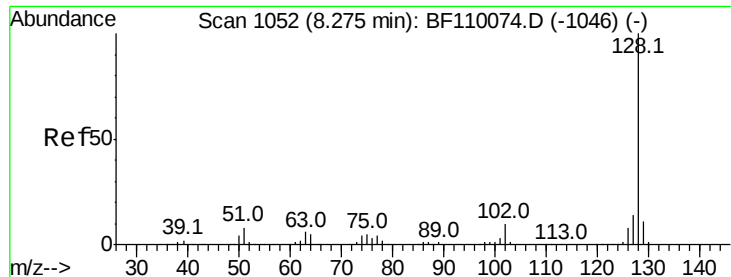
Sohil
 11/6/2018 9:00:53 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.228 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.7	80.3	120.5
145	29.2	25.4	38.0





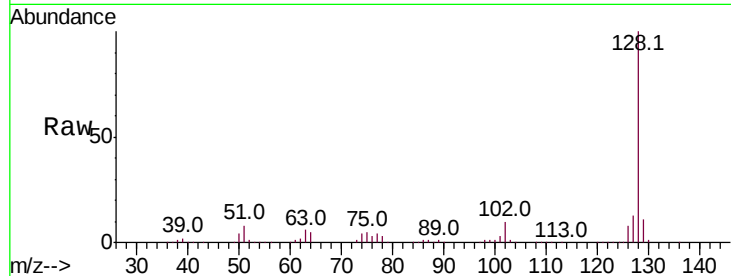
#31
Naphthalene
Concen: 50.431 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

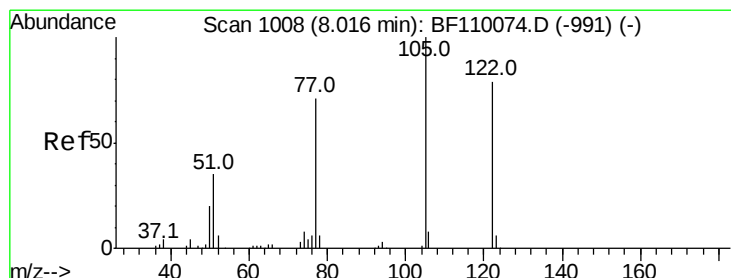
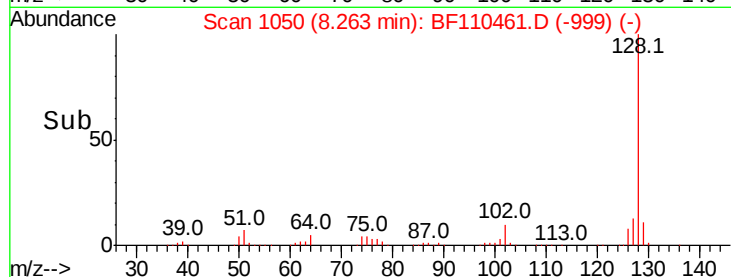
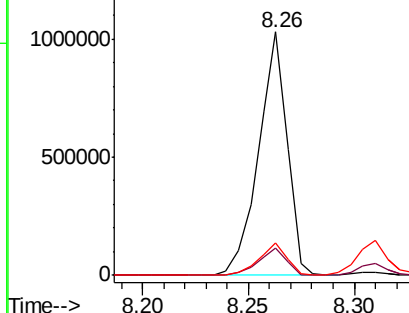
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.4	10.8	16.2

Manual Integrations
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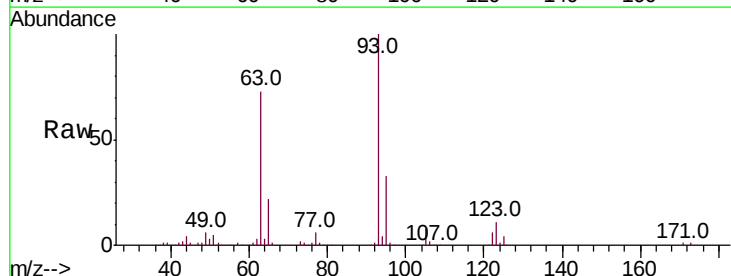


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

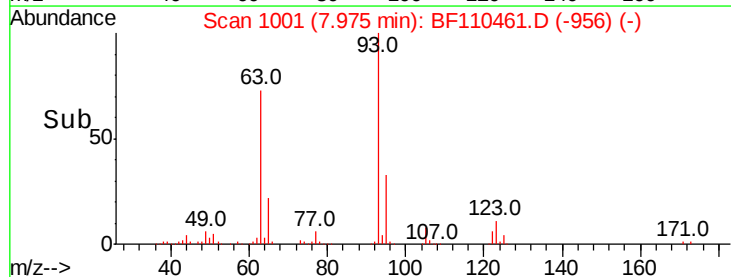
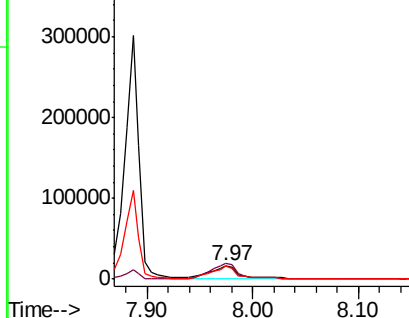


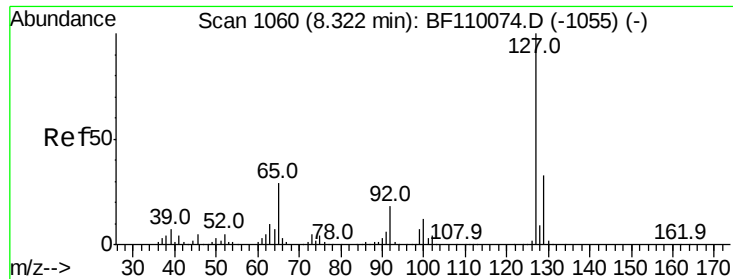
#32
Benzoic acid
Concen: 7.020 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.04 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	109.0	149.0
77	93.9	79.0	119.0



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





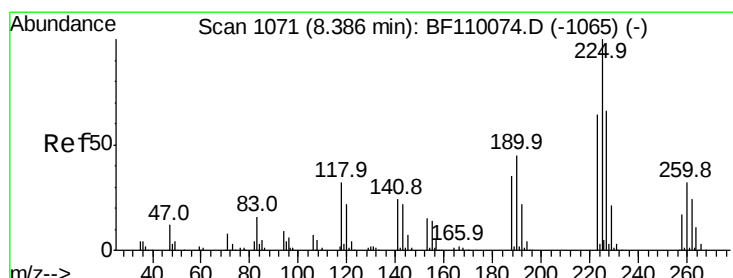
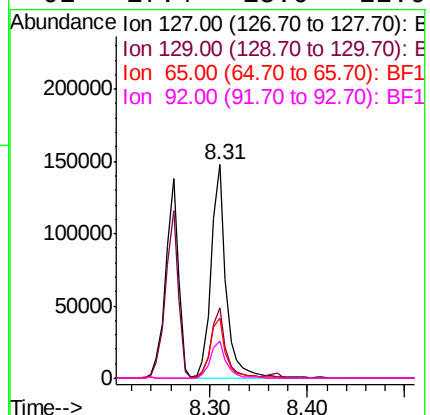
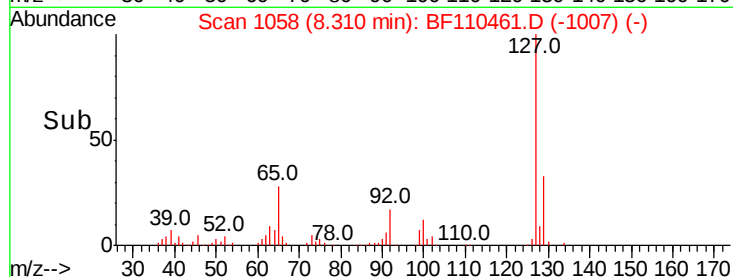
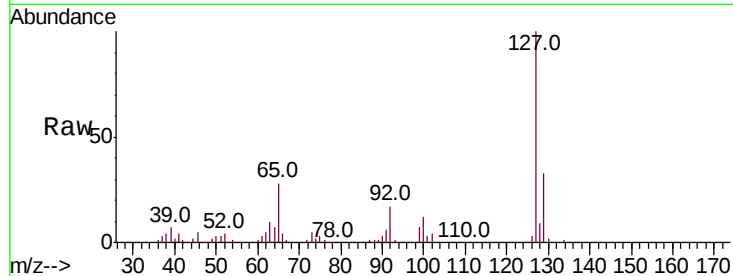
#33
4-Chloroaniline
Concen: 18.462 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	26.0	39.0		
65	28.1	25.1	37.7		
92	17.4	15.0	22.6		

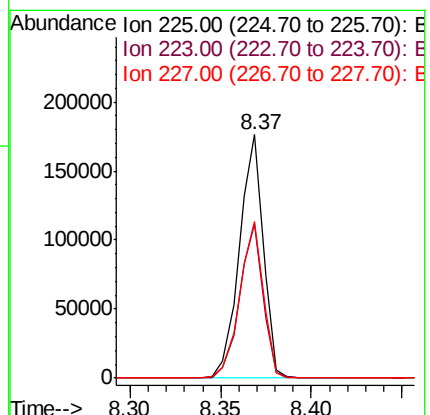
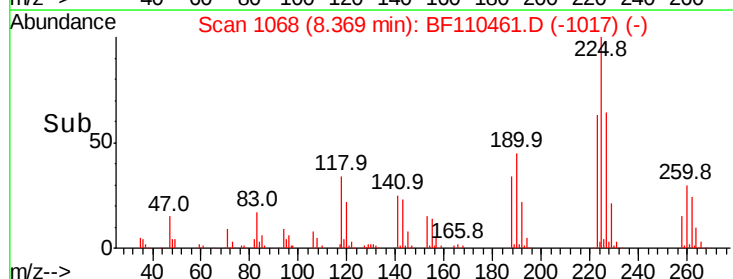
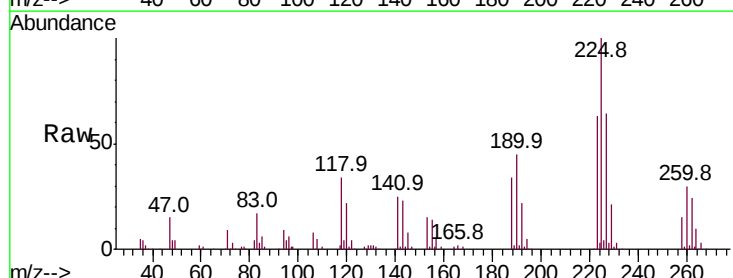
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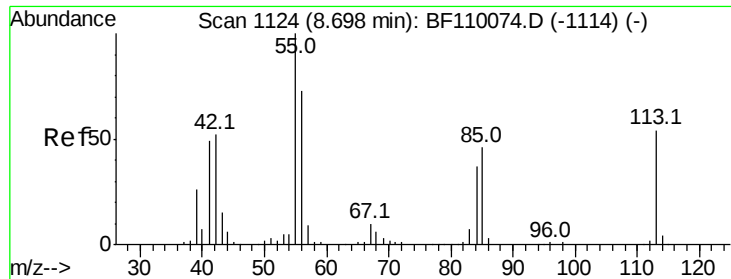
Sohil
11/6/2018 9:00:53 AM



#34
Hexachlorobutadiene
Concen: 44.995 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.4	77.2		
227	64.1	51.0	76.6		





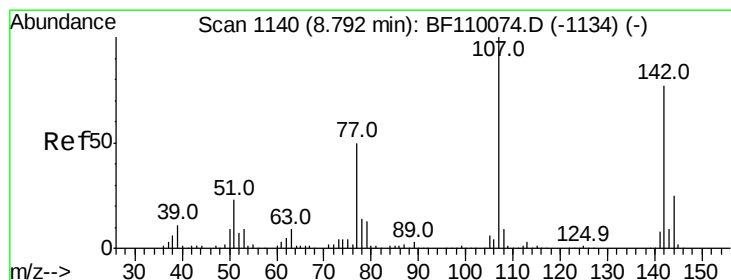
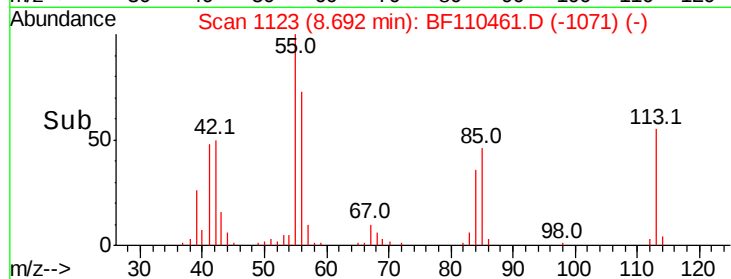
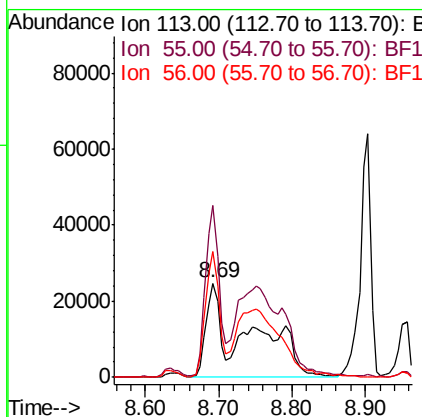
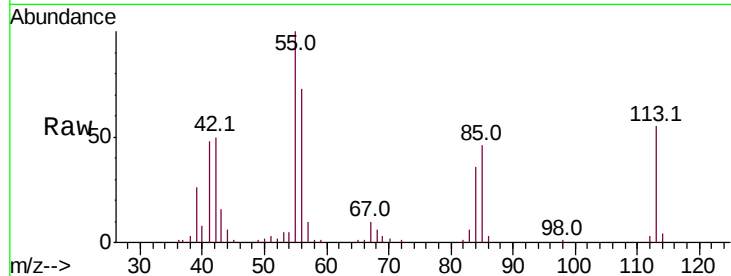
#35
 Caprolactam
 Concen: 47.299 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Instrument :
 BNA_F
 ClientSampled :
 8BMS

Tot Ion:113 Resp: 95179
 Ion Ratio Lower Upper
 113 100
 55 182.0 142.8 182.8
 56 132.9 105.0 145.0

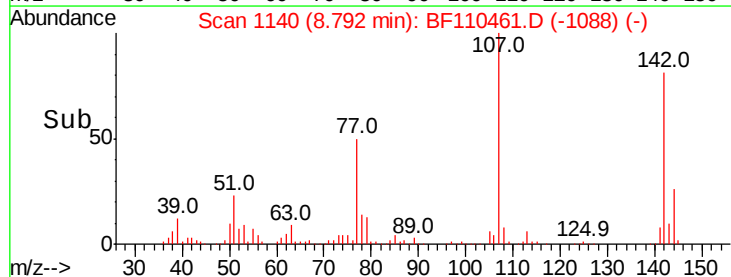
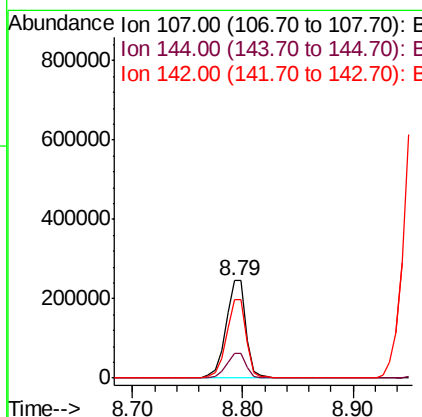
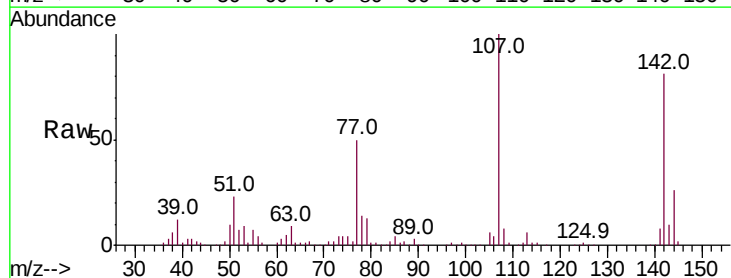
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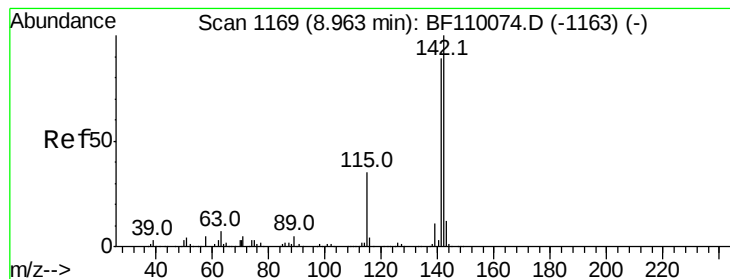
Sohil
 11/6/2018 9:00:53 AM



#36
 4-Chloro-3-methylphenol
 Concen: 50.197 ng/ml
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Tgt Ion:107 Resp: 313388
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.0 30.0
 142 80.7 59.7 89.5





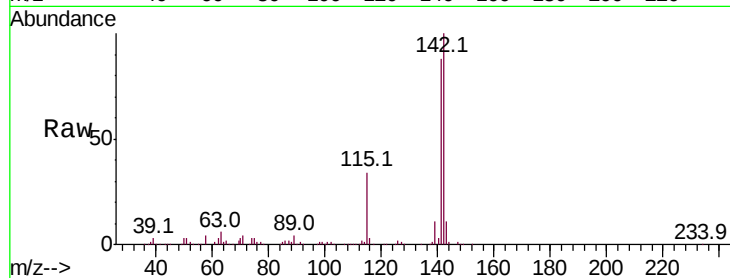
#37
2-Methylnaphthalene
Concen: 53.387 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	677451		
141	87.7		71.4	107.2
115	34.2		28.7	43.1

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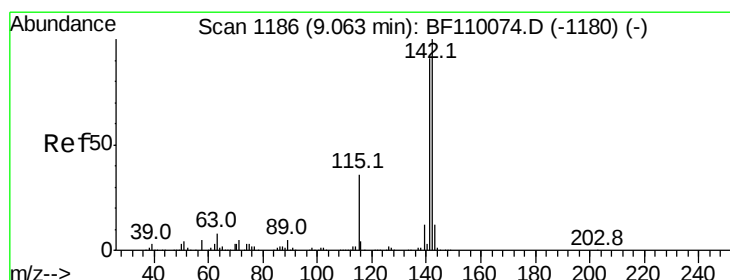
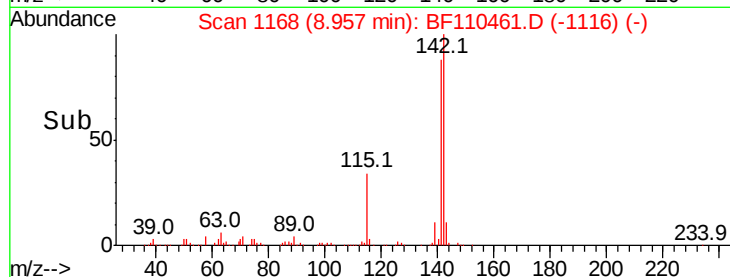
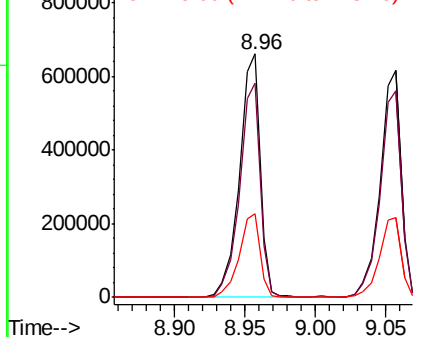


Abundance

Ion 142.00 (141.70 to 142.70): E

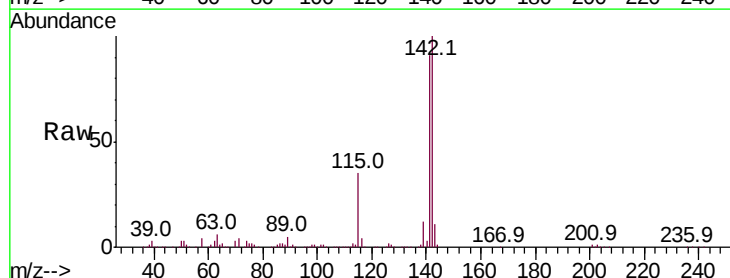
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 51.794 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	635124		
141	91.2		74.2	111.4
116	3.5		2.6	4.0

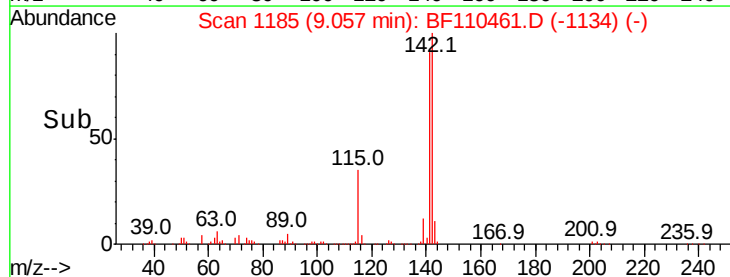
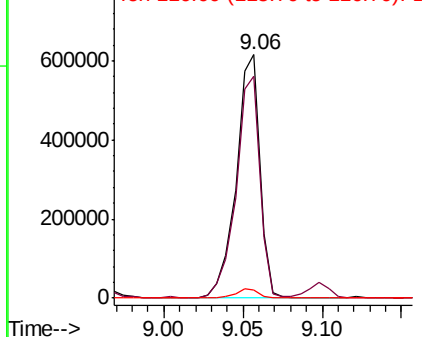


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





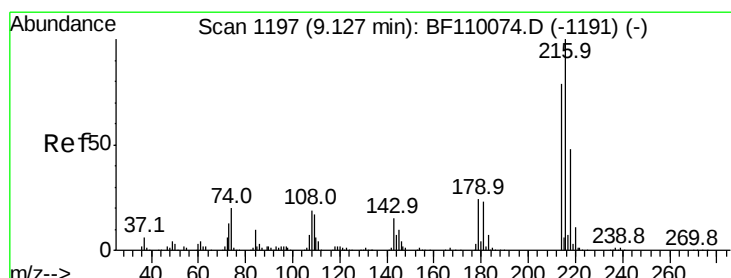
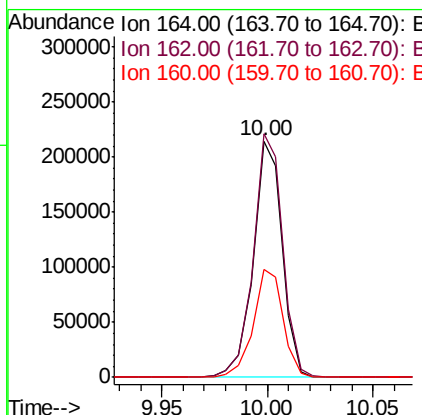
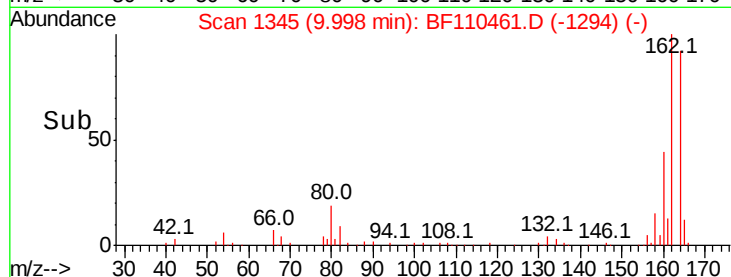
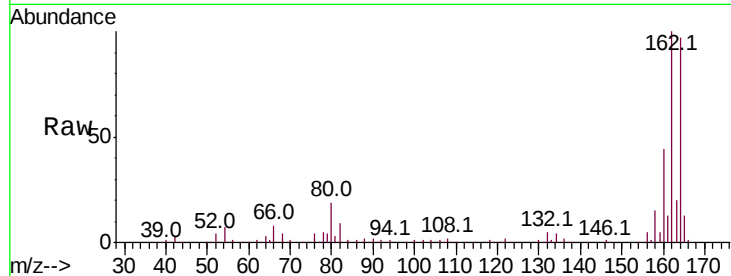
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.6
160	45.7	37.0	55.6

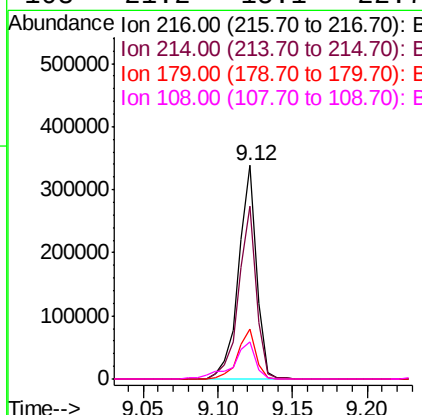
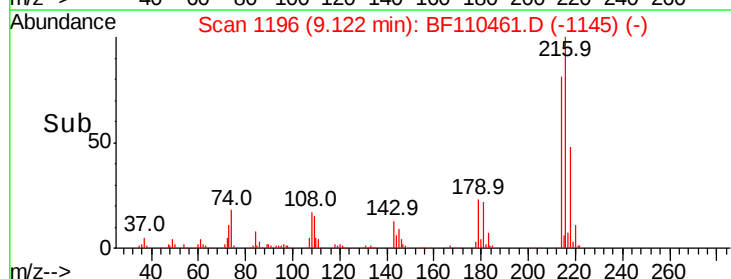
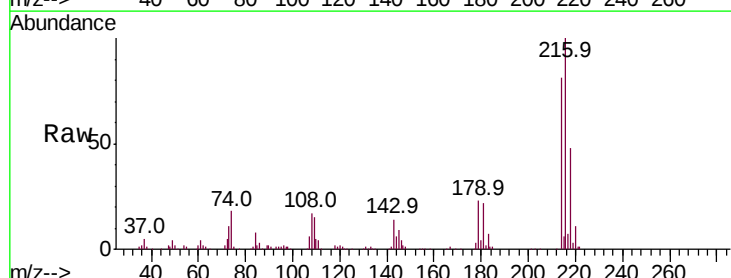
Manual Integrations
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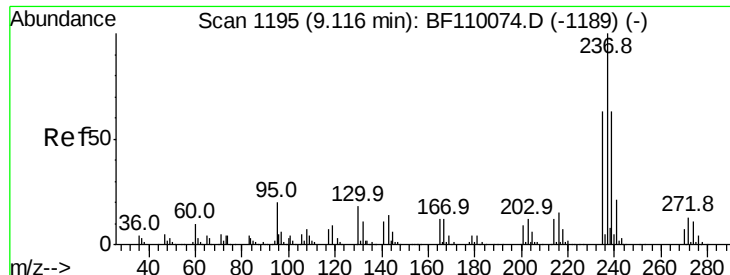
Sohil
11/6/2018 9:00:53 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.859 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	23.1	16.6	25.0
108	21.2	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 83.193 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Instrument :

BNA_F

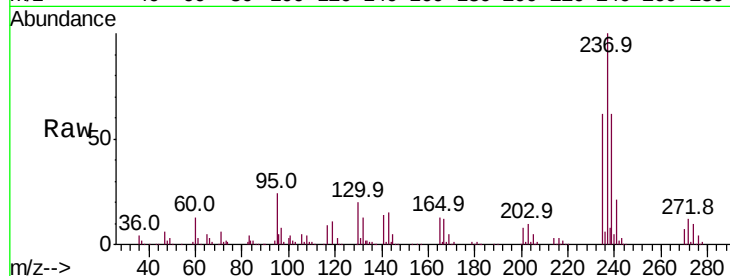
ClientSampled :

8BMS

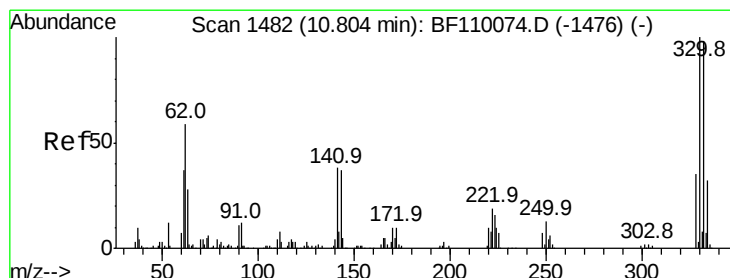
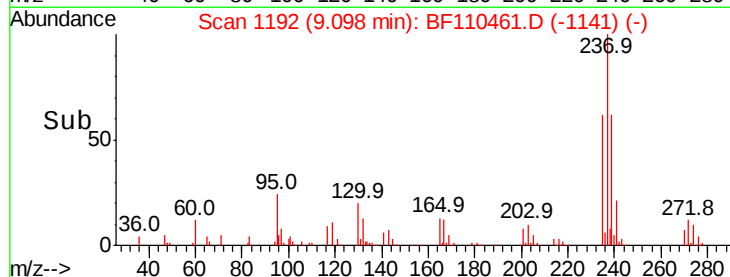
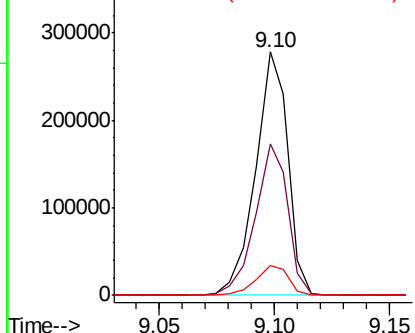
Tot Ion:	237	Resp:	271340
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.1	83.1
272	12.3	0.0	32.6

Manual Integrations
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Sohil
11/6/2018 9:00:53 AM



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: 135.819 ng

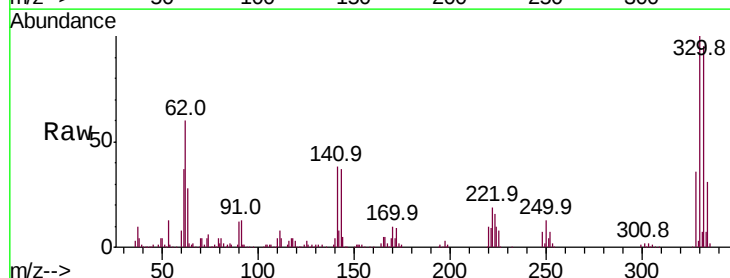
RT: 10.80 min Scan# 1481

Delta R.T. 0.01 min

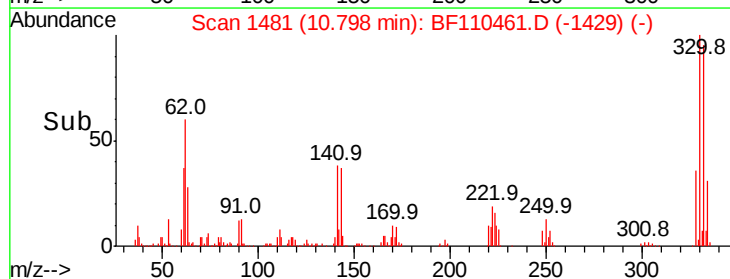
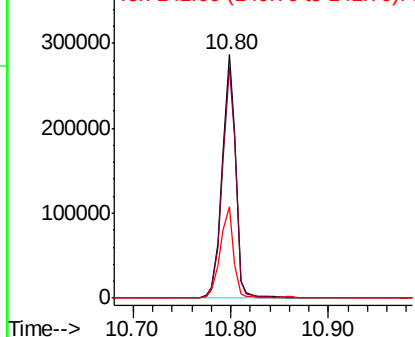
Lab File: BF110461.D

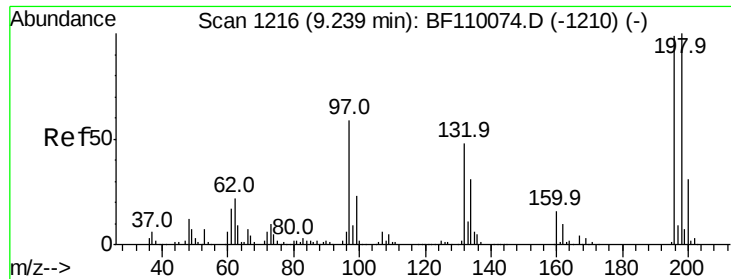
Acq: 5 Nov 2018 13:34

Tgt Ion:	330	Resp:	275420
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.1	115.7
141	36.9	27.0	40.4



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





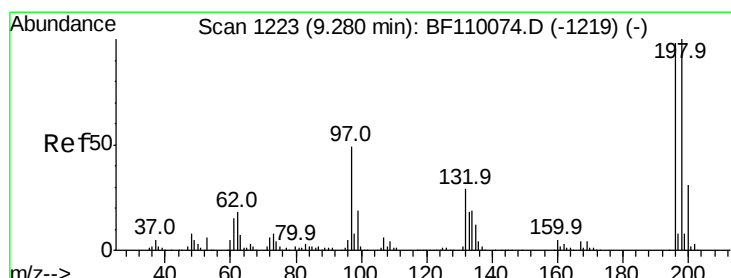
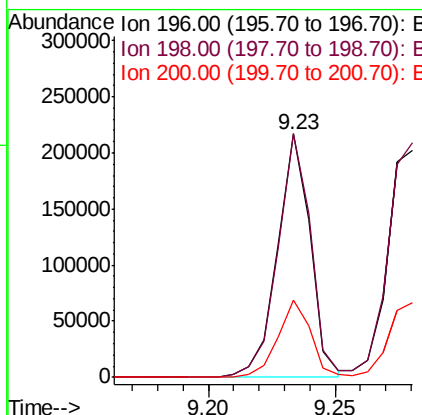
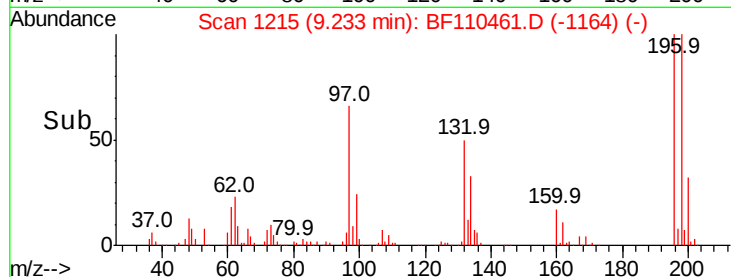
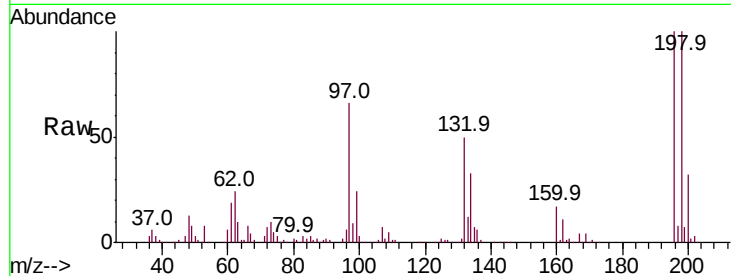
#43
 2,4,6-Trichlorophenol
 Concen: 47.257 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Instrument :
 BNA_F
 ClientSampled :
 8BMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	194418		
198	100.1	76.2	114.4	
200	32.0	24.4	36.6	

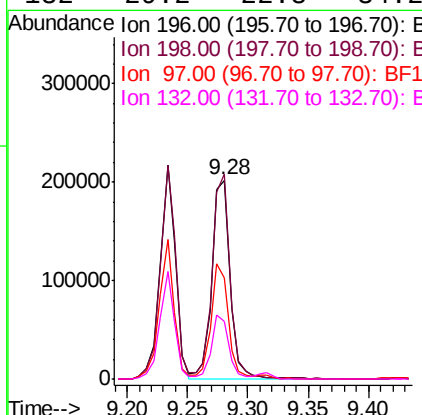
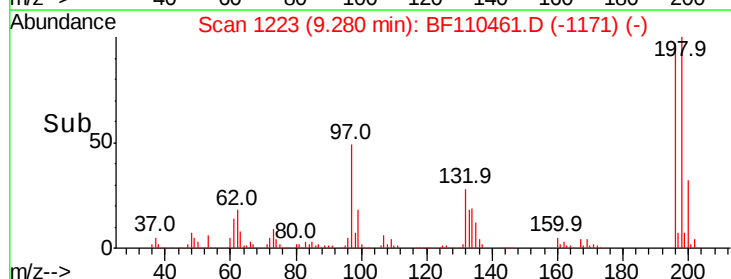
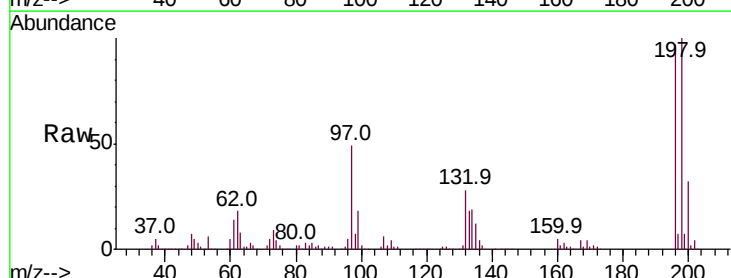
Manual Integrations
 APPROVED

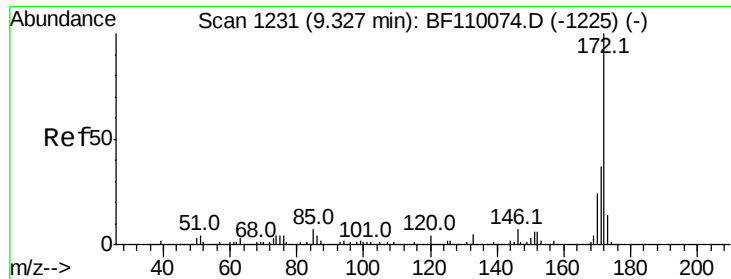
Sohil
 11/6/2018 9:00:53 AM



#44
 2,4,5-Trichlorophenol
 Concen: 47.896 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208285		
198	103.5	75.8	113.6	
97	50.8	42.4	63.6	
132	29.2	22.8	34.2	





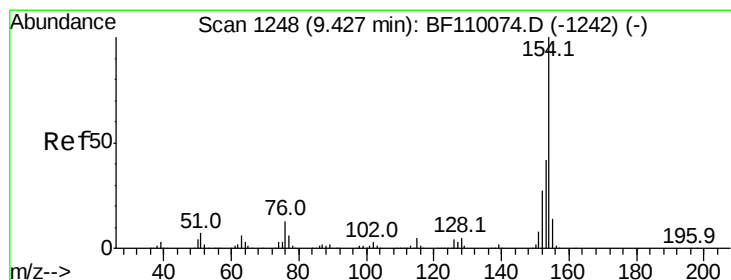
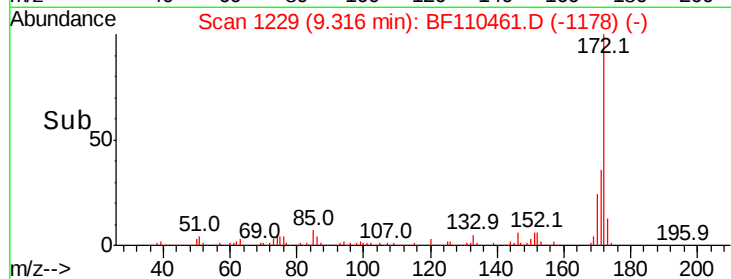
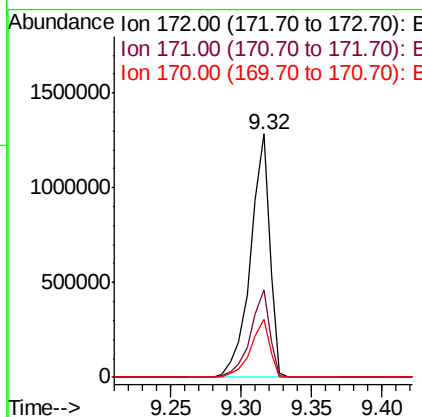
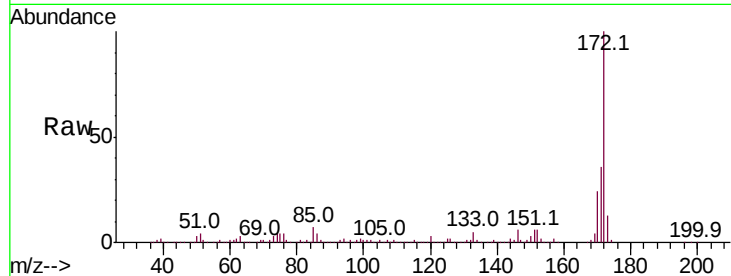
#45
2-Fluorobiphenyl
Concen: 94.776 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampleId :
8BMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.8	19.7	29.5

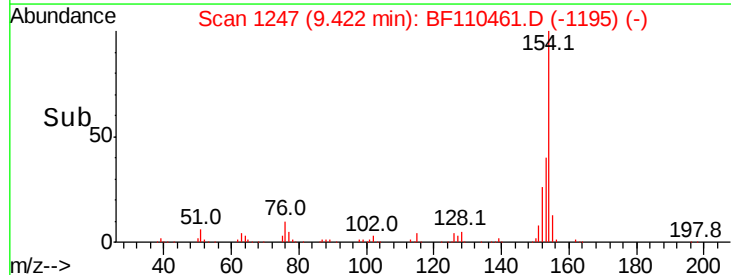
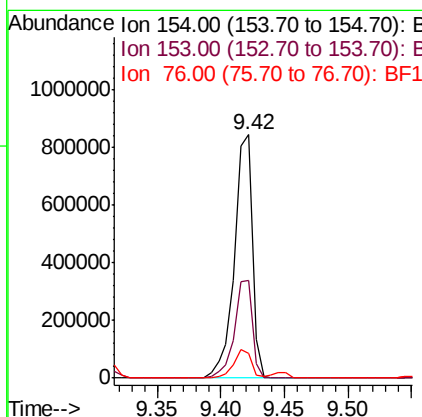
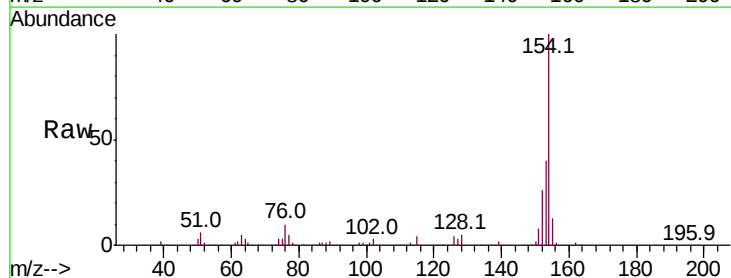
Manual Integrations
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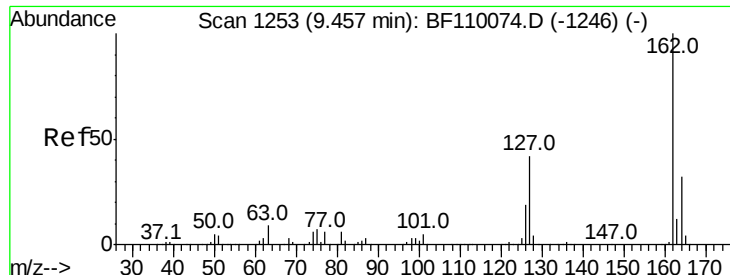
Sohil
11/6/2018 9:00:53 AM



#46
1,1'-Biphenyl
Concen: 44.409 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.4	60.4
76	10.3	0.0	31.9





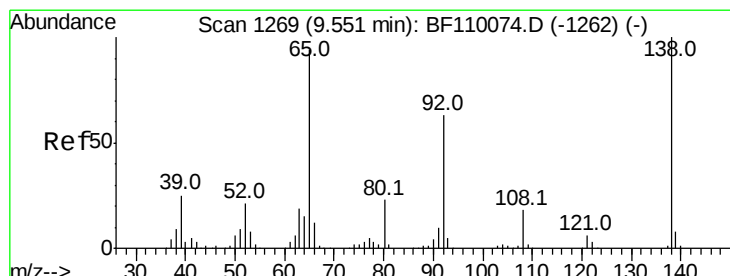
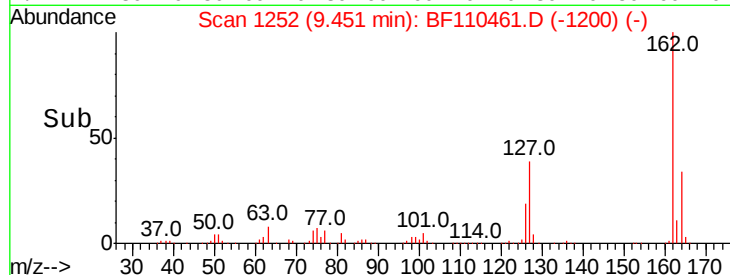
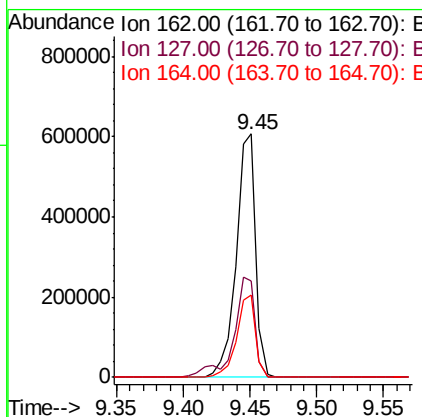
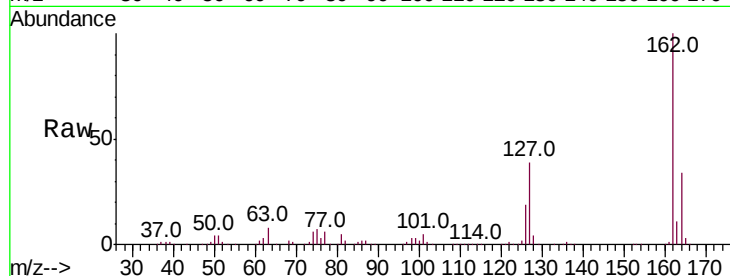
#47
 2-Chloronaphthalene
 Concen: 45.433 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Instrument :
 BNA_F
 ClientSampleId :
 8BMS

Tot Ion:	162	Resp:	616958
Ion Ratio	Lower	Upper	
162	100		
127	39.4	32.6	48.8
164	33.6	25.9	38.9

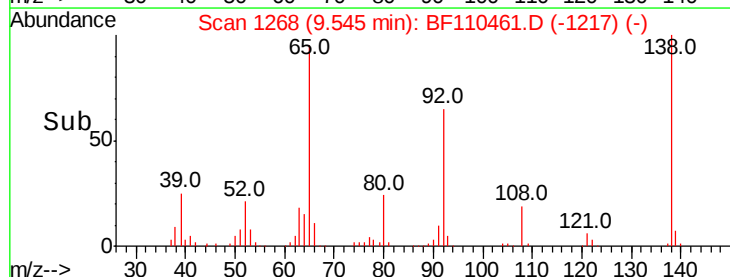
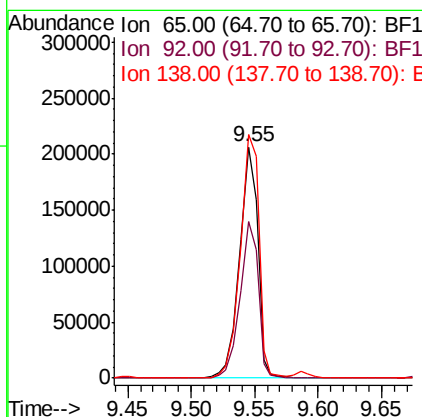
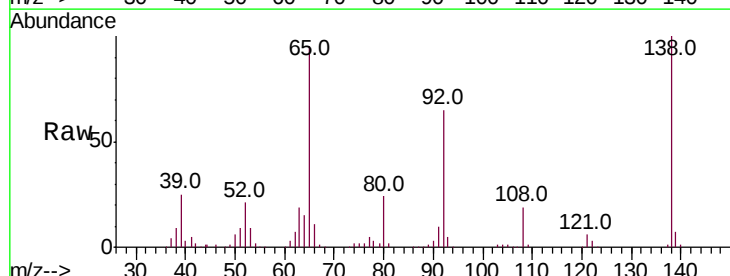
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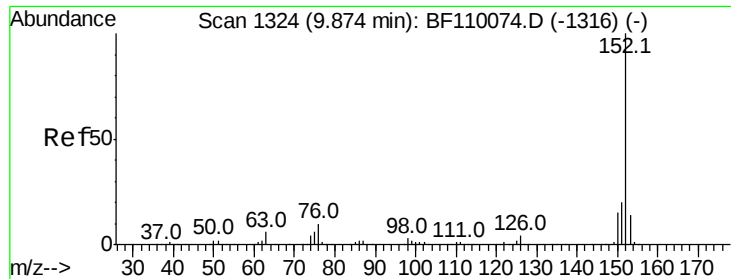
Sohil
 11/6/2018 9:00:53 AM



#48
 2-Nitroaniline
 Concen: 49.450 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Tgt Ion:	65	Resp:	203486
Ion Ratio	Lower	Upper	
65	100		
92	68.0	54.6	81.8
138	105.2	80.3	120.5





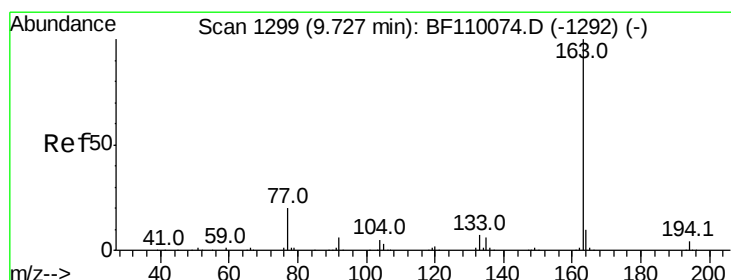
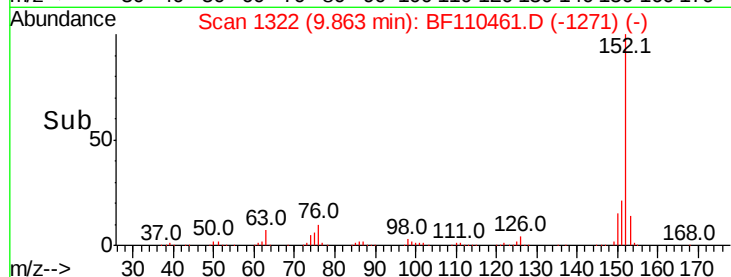
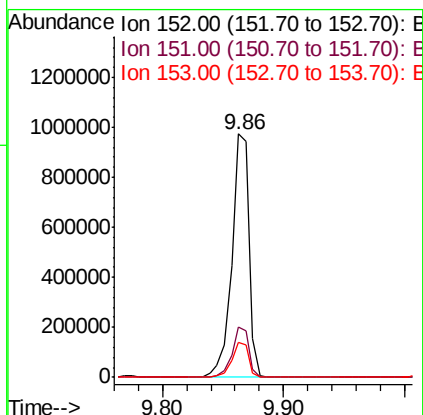
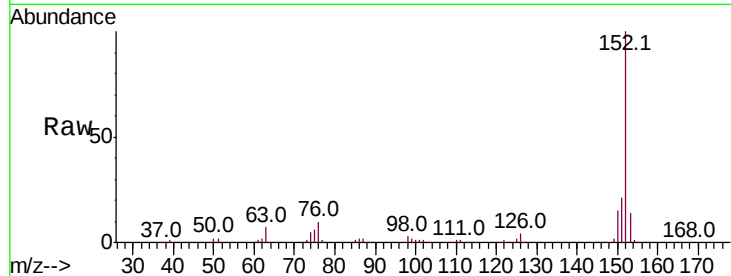
#49
Acenaphthylene
Concen: 49.194 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampleId :
8BMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8
153	14.1	10.4	15.6

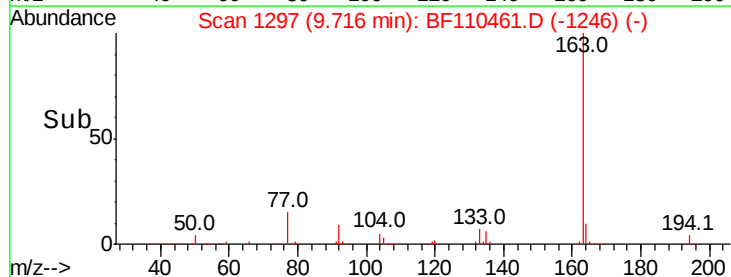
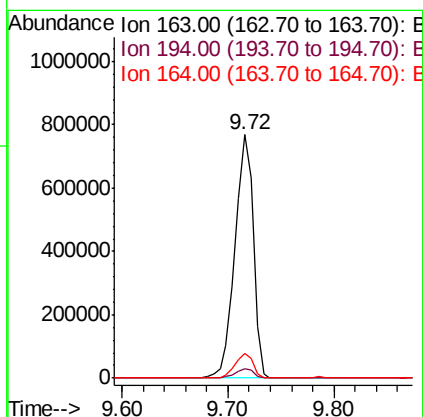
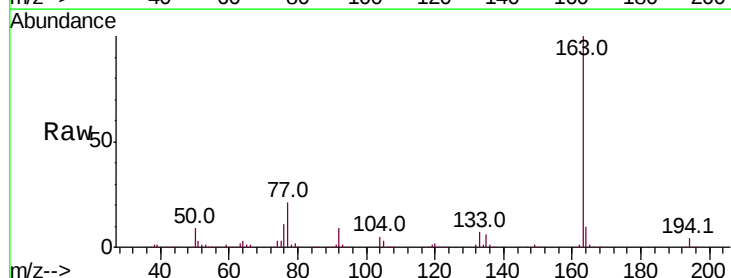
Manual Integrations
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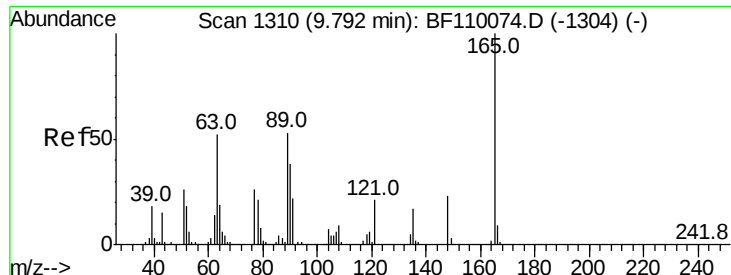
Sohil
11/6/2018 9:00:53 AM



#50
Dimethylphthalate
Concen: 60.514 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.1	8.1	12.1





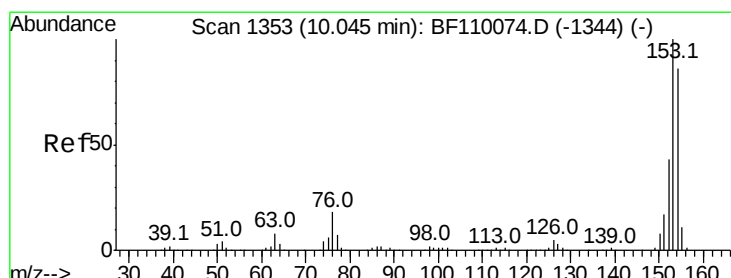
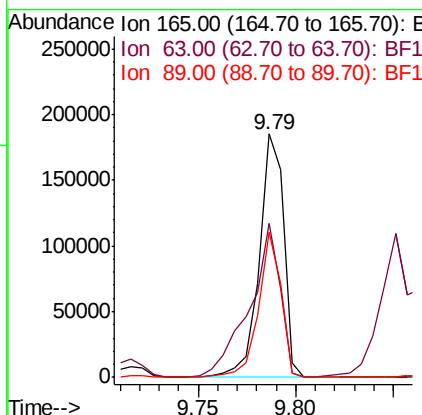
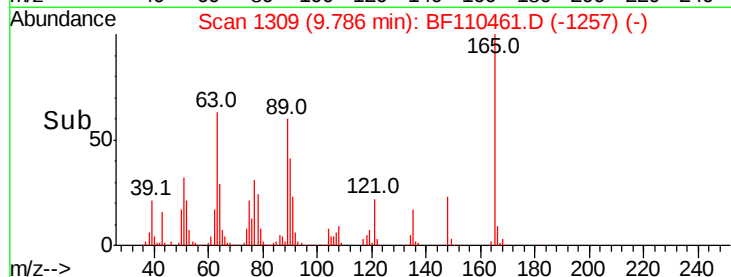
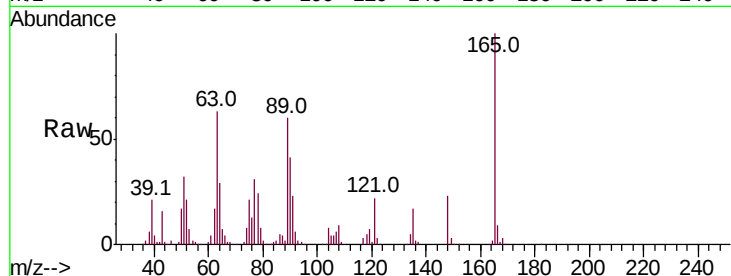
#51
2,6-Dinitrotoluene
Concen: 49.353 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	160648		
63	63.3	48.9	73.3	
89	59.5	46.6	69.8	

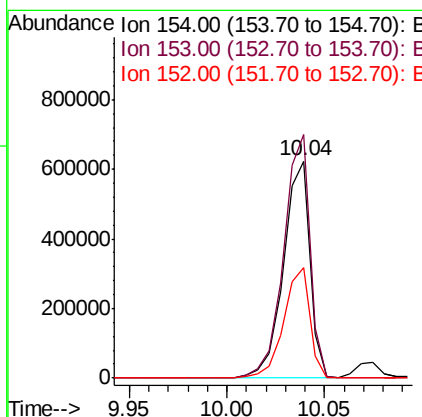
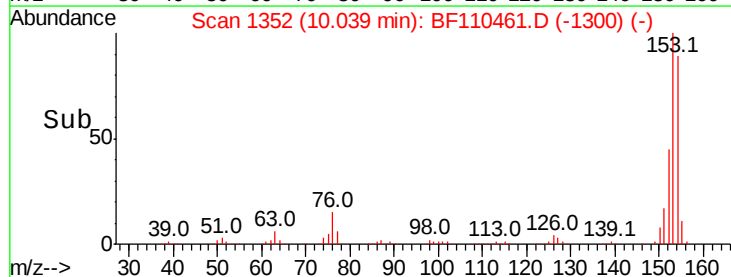
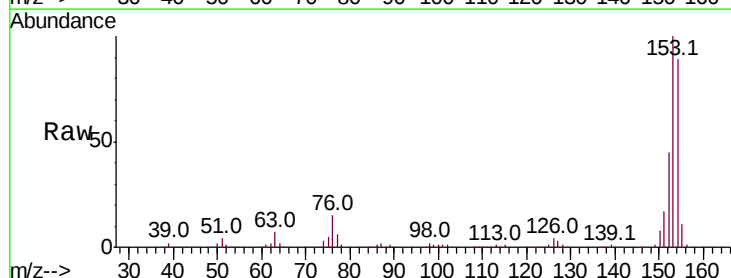
Manual Integrations
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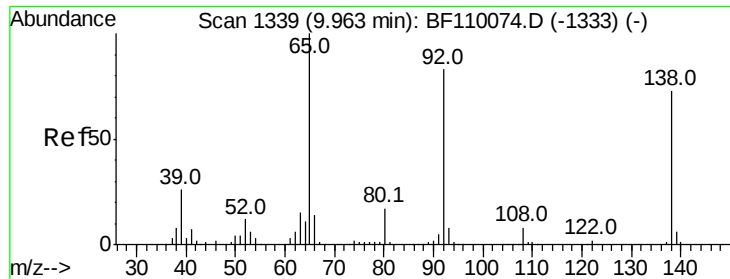
Sohil
11/6/2018 9:00:53 AM



#52
Acenaphthene
Concen: 45.221 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	586754		
153	112.2	90.1	135.1	
152	50.9	43.4	65.2	





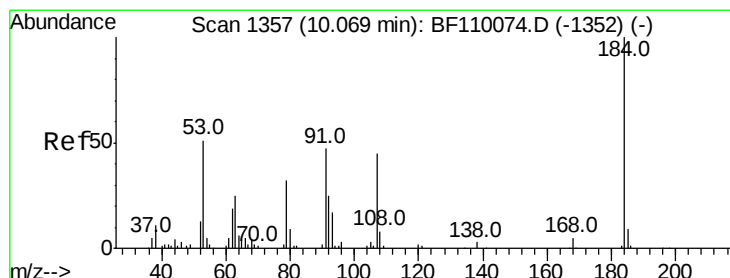
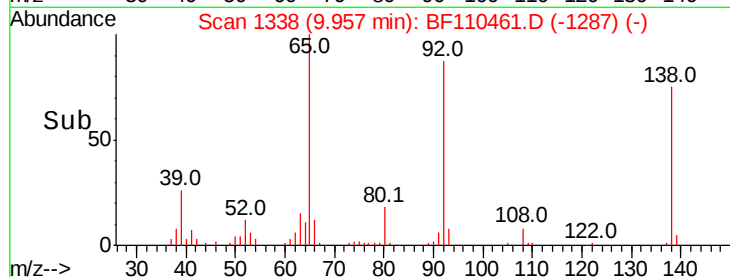
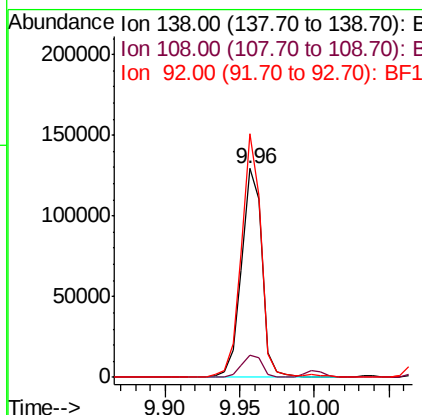
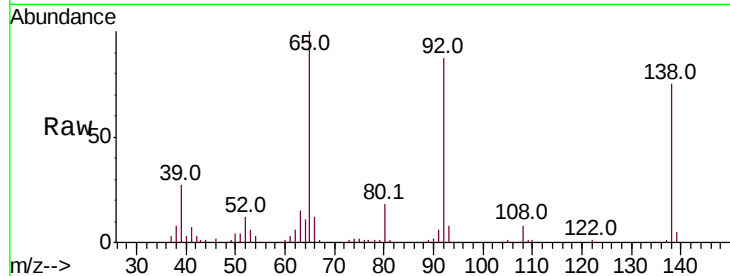
#53
3-Nitroaniline
Concen: 31.909 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.7	13.1
92	116.5	97.0	145.4

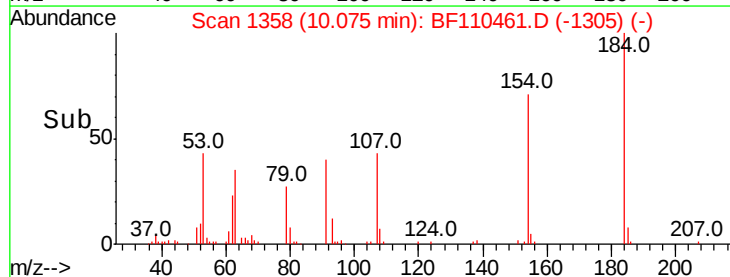
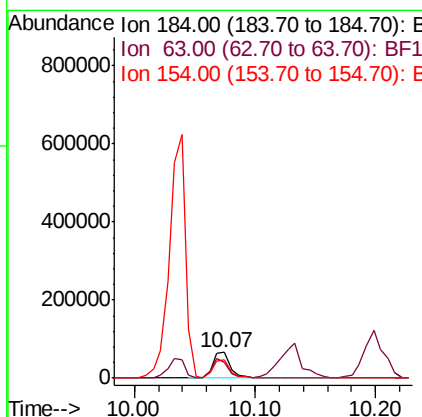
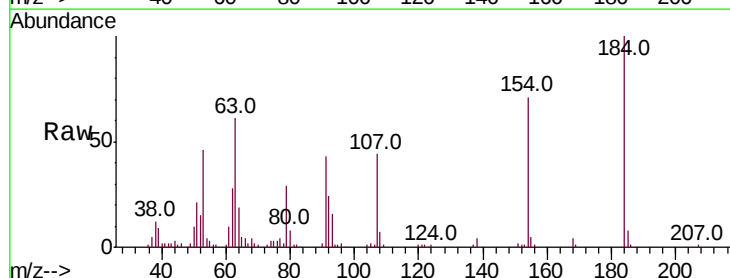
Manual Integrations
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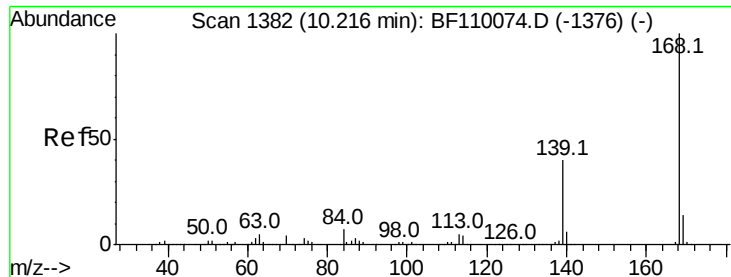
Sohil
11/6/2018 9:00:53 AM



#54
2,4-Dinitrophenol
Concen: 55.162 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.7	55.8	83.6
154	70.8	63.2	94.8





#55

Dibenzenofuran

Concen: 45.997 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.01 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Instrument :

BNA_F

ClientSampled :

8BMS

Tot Ion:168 Resp: 835600

Ion Ratio Lower Upper

168 100

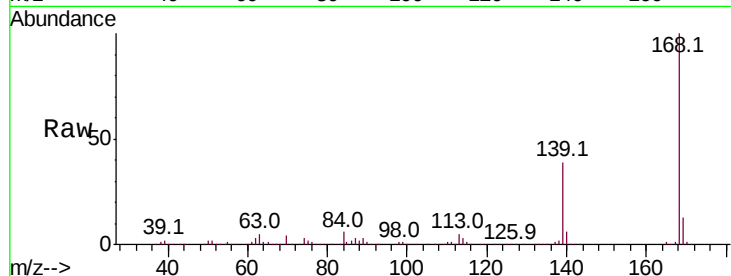
139 39.2 33.0 49.6

169 13.3 11.3 16.9

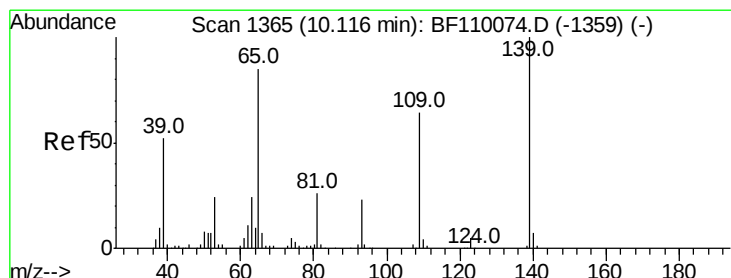
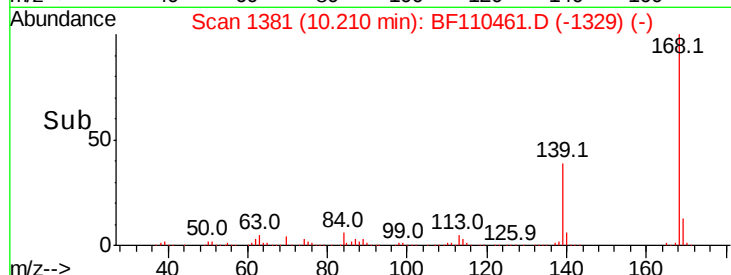
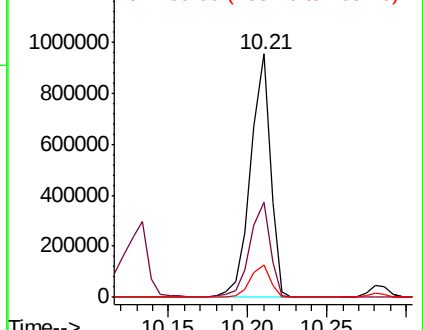
Manual Integrations
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11/6/2018 9:00:53 AM



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: 114.888 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.02 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

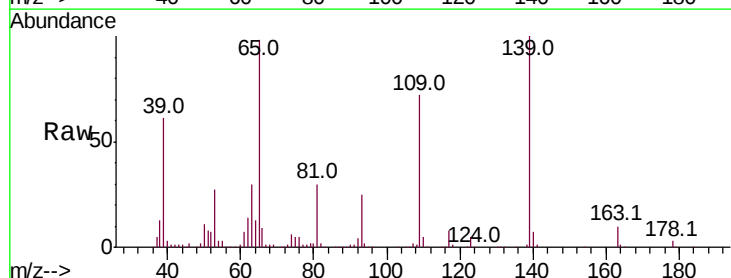
Tgt Ion:139 Resp: 329148

Ion Ratio Lower Upper

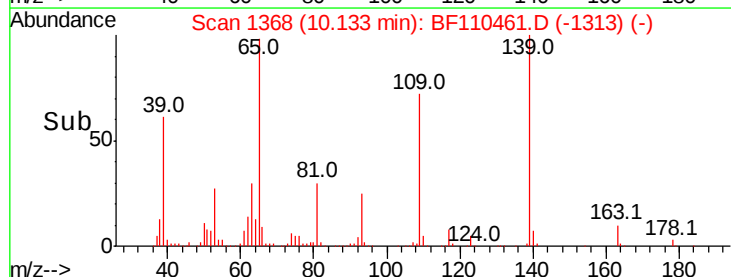
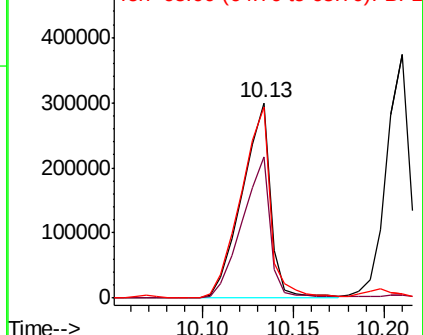
139 100

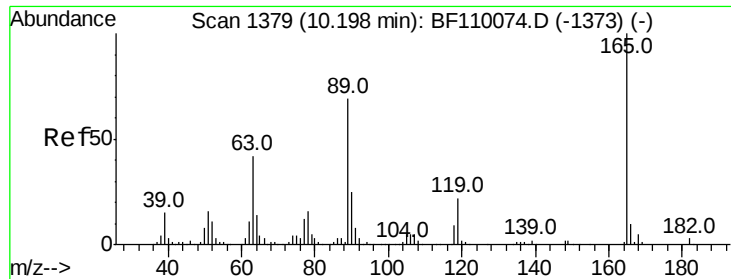
109 72.1 55.8 95.8

65 97.7 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





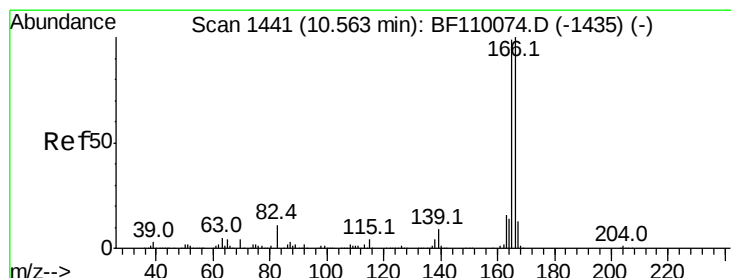
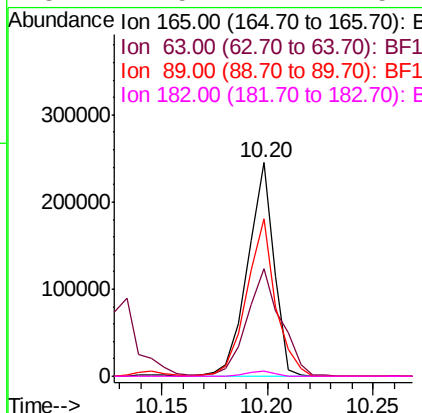
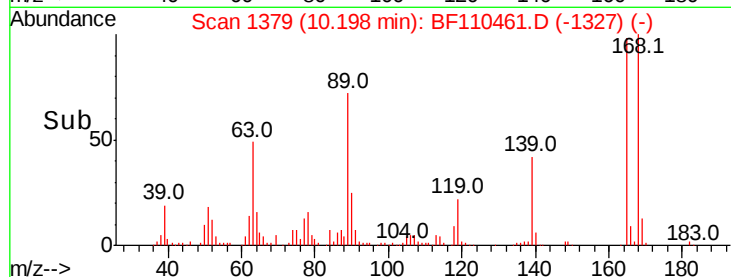
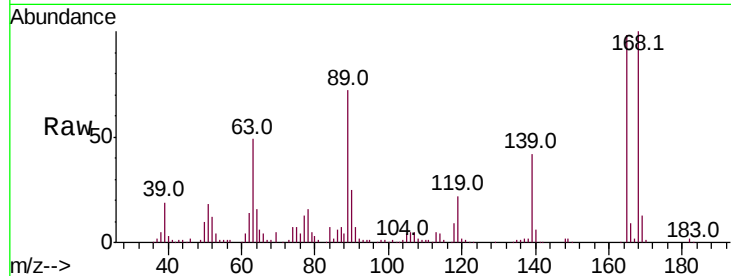
#57
2,4-Dinitrotoluene
Concen: 51.498 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.5	44.8	67.2	
89	73.6	62.2	93.4	
182	2.5	2.1	3.1	

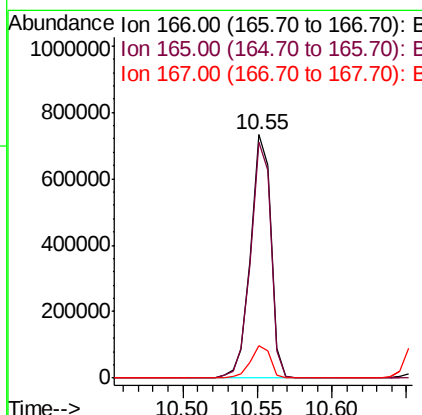
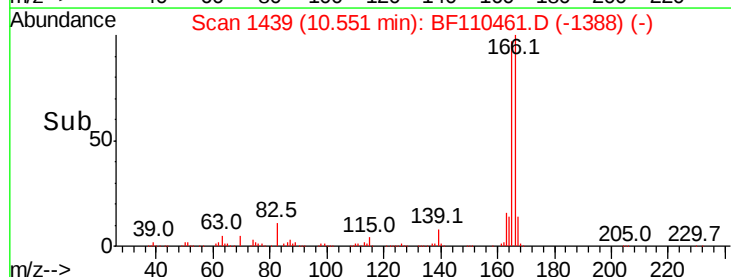
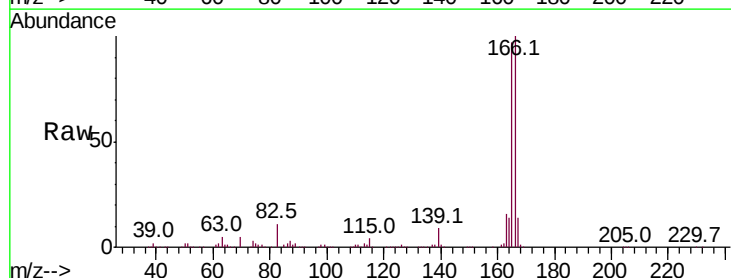
Manual Integrations
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Sohil
11/6/2018 9:00:53 AM



#58
Fluorene
Concen: 50.662 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.1	78.6	117.8	
167	13.5	10.8	16.2	





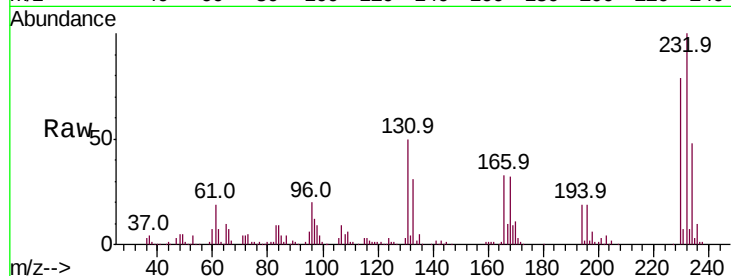
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.303 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Instrument :
 BNA_F
 ClientSampled :
 8BMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.6	37.0	55.4
130	2.4	1.8	2.6
166	31.9	22.0	33.0

Manual Integrations
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Sohil
 11/6/2018 9:00:53 AM



Abundance

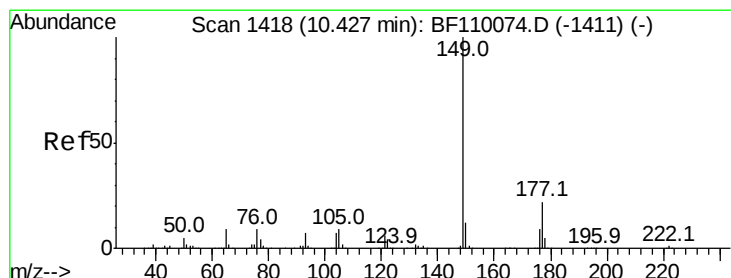
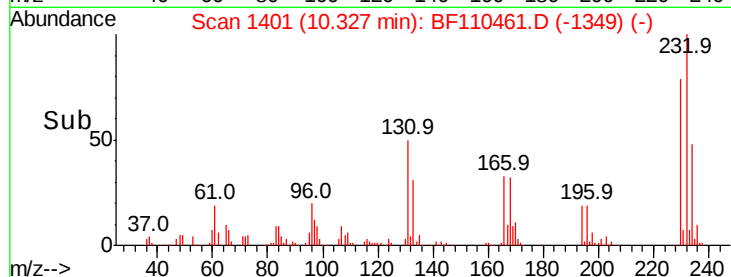
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



#60
 Diethylphthalate
 Concen: 47.960 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.2
150	12.5	9.8	14.8

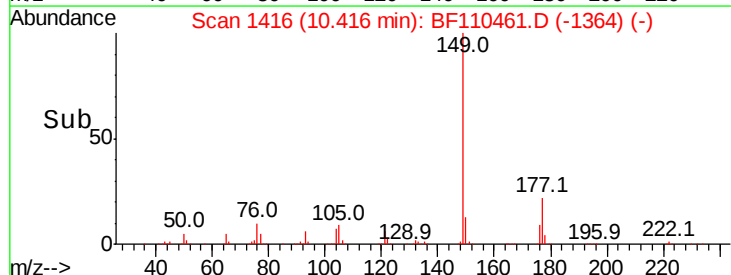
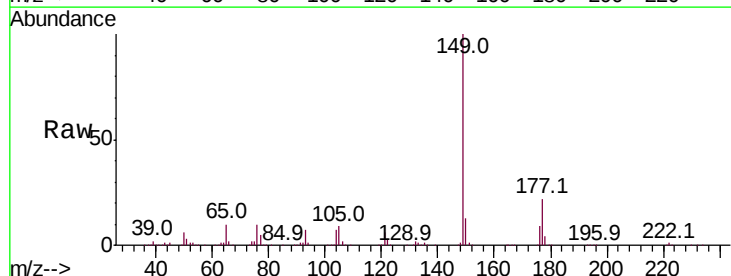
Abundance

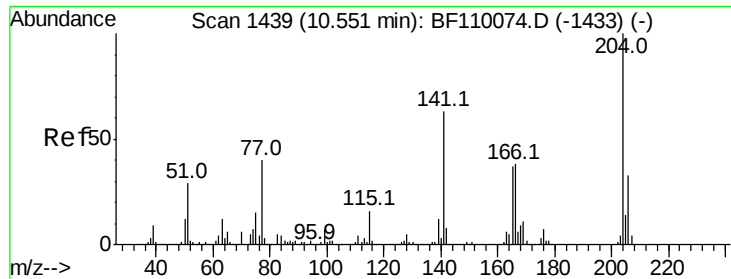
Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->





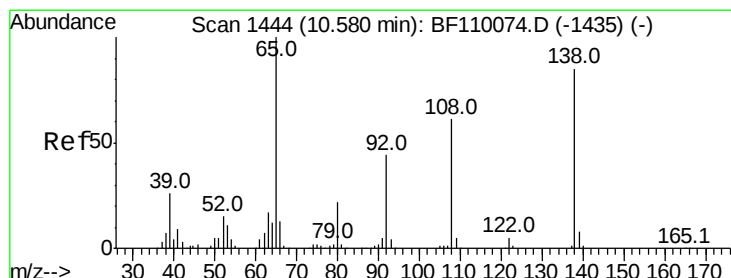
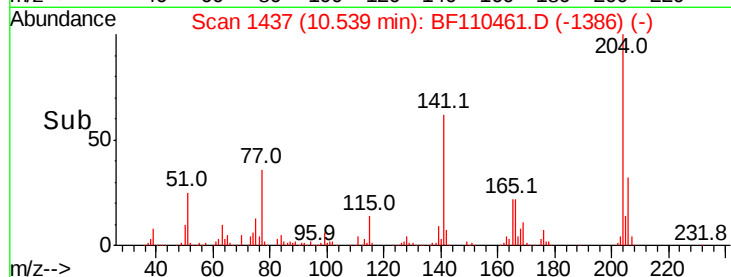
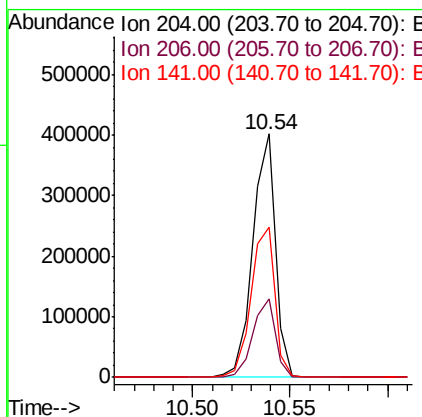
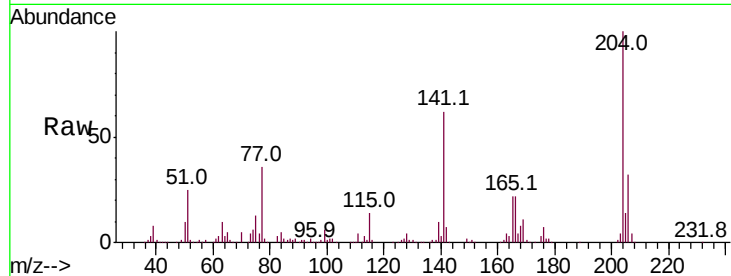
#61
4-Chlorophenyl-phenylether
Concen: 45.326 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	61.6	51.8	77.8

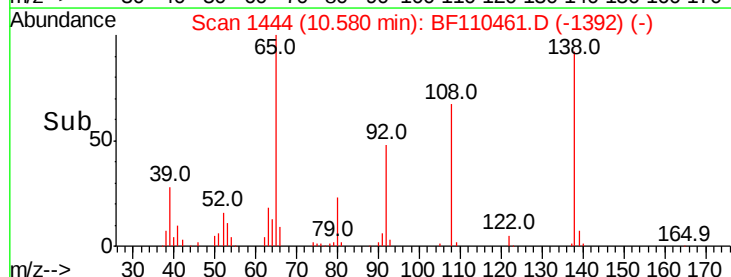
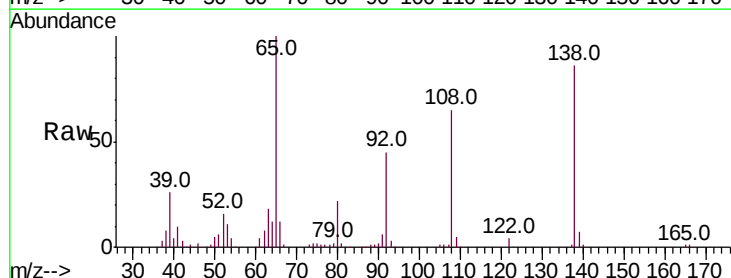
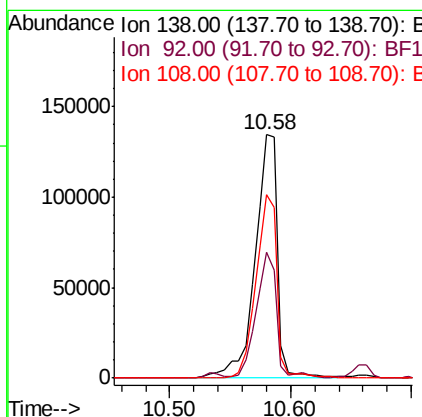
Manual Integrations
APPROVED

Sohil
11/6/2018 9:00:53 AM



#62
4-Nitroaniline
Concen: 45.221 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	31.7	71.7
108	75.3	59.3	99.3





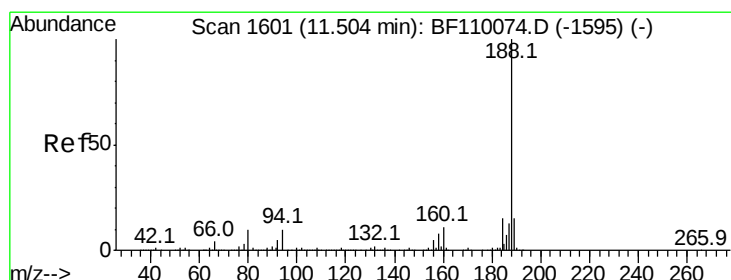
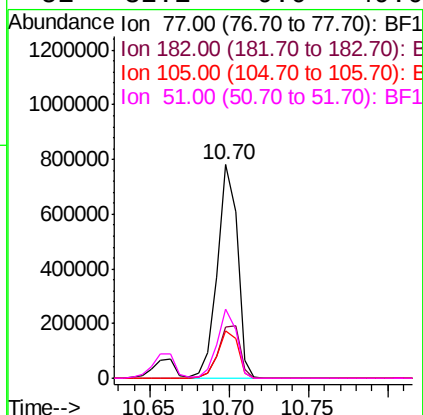
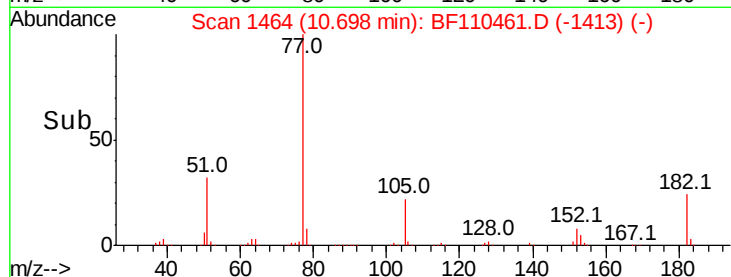
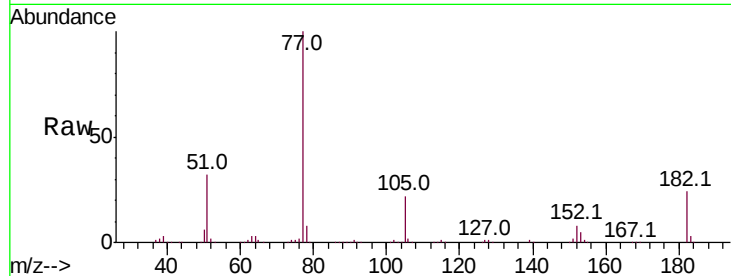
#63
Azobenzene
Concen: 46.976 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampleId :
8BMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.2	4.3	44.3	
105	22.3	1.3	41.3	
51	32.1	9.0	49.0	

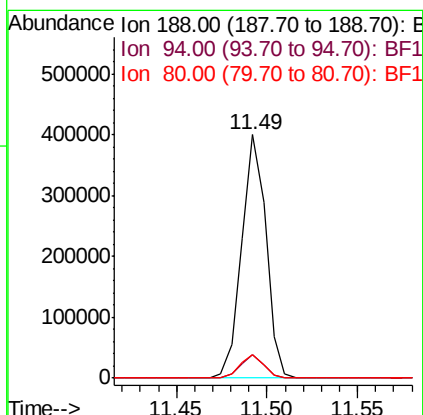
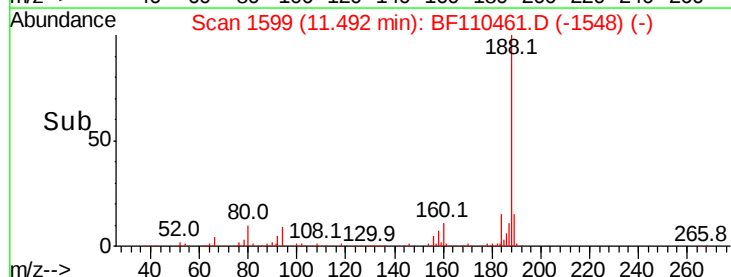
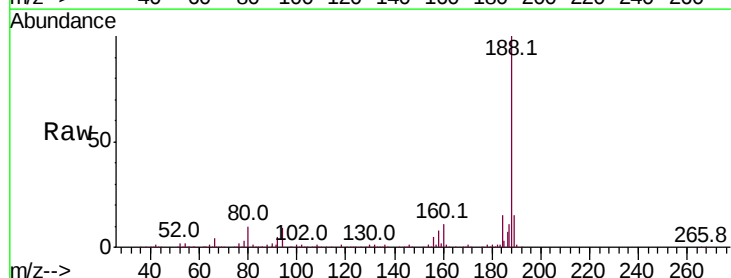
Manual Integrations
APPROVED

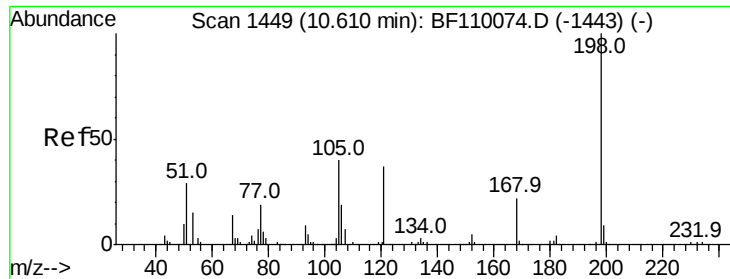
Sohil
11/6/2018 9:00:53 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.5	7.2	10.8	
80	9.9	7.9	11.9	





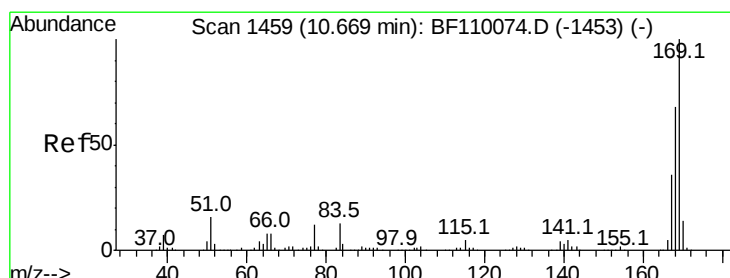
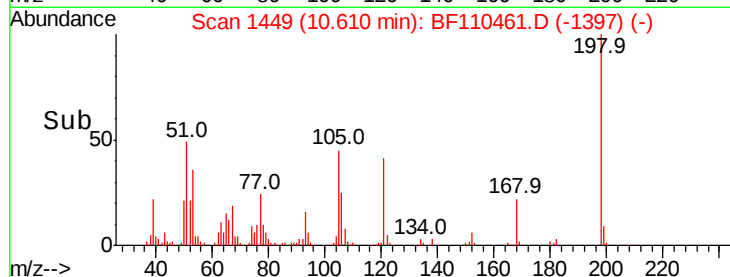
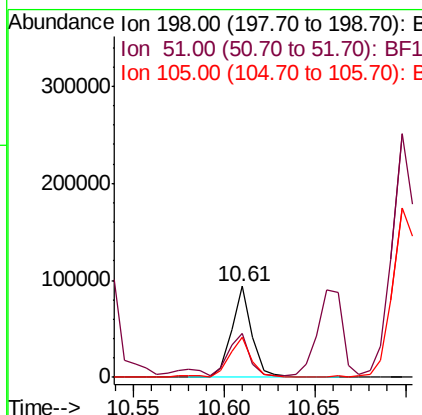
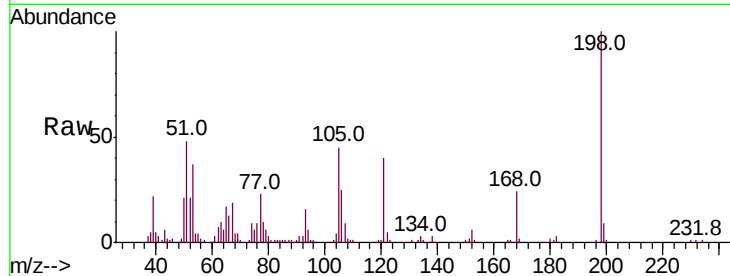
#65
4,6-Dinitro-2-methylphenol
Concen: 43.011 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.4	22.8	62.8
105	44.8	23.6	63.6

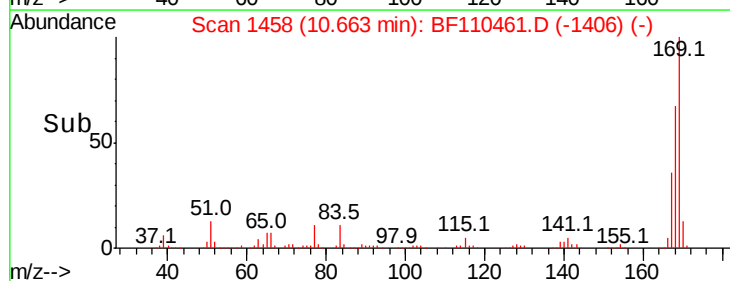
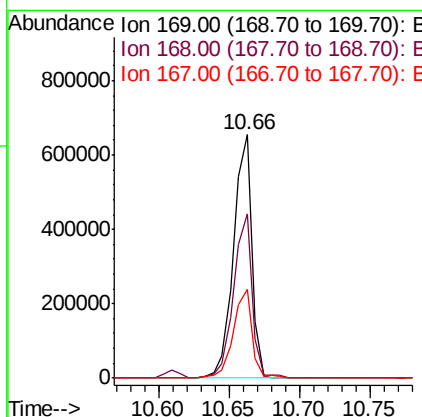
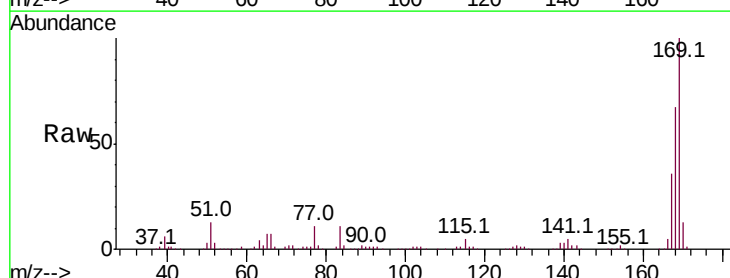
Manual Integrations
APPROVED

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11/6/2018 9:00:53 AM



#66
n-Nitrosodiphenylamine
Concen: 48.187 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	51.2	76.8
167	36.2	27.8	41.6





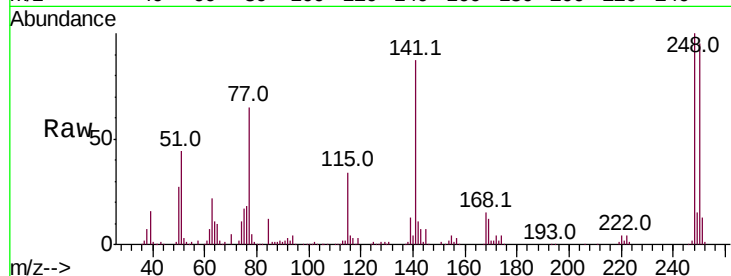
#67
4-Bromophenyl-phenylether
Concen: 47.460 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	79.4	119.2
141	87.2	55.9	83.9

Manual Integrations
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11/6/2018 9:00:53 AM

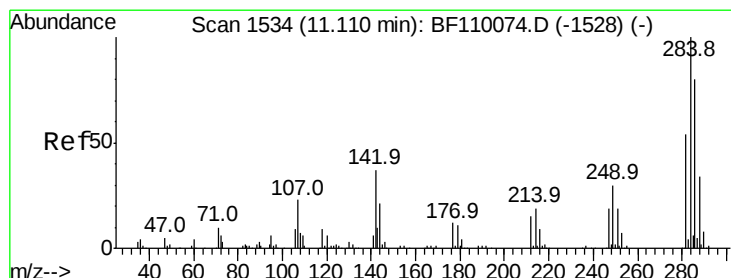
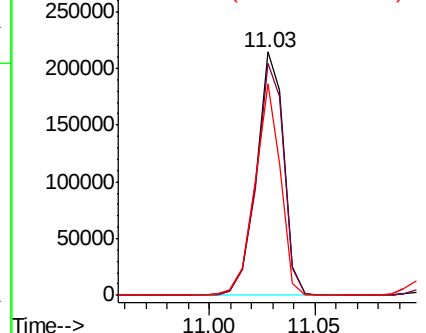
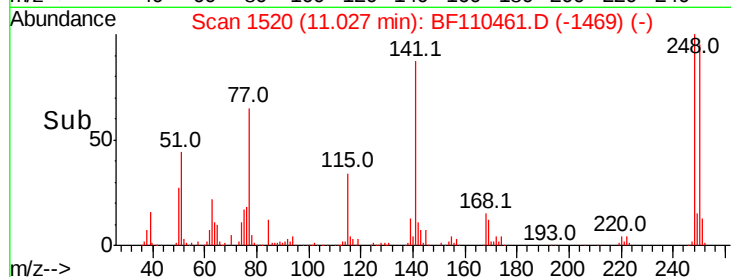


Abundance

Ion 248.00 (247.70 to 248.70): E

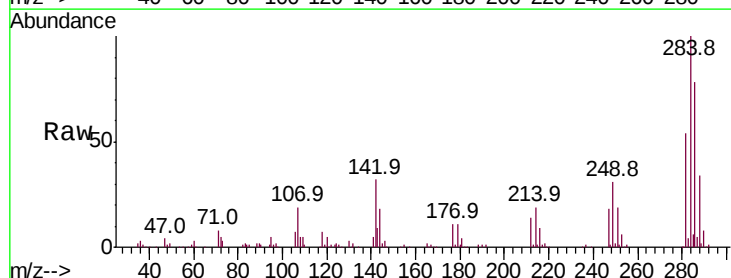
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.885 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	23.9	35.9
249	30.5	24.2	36.2

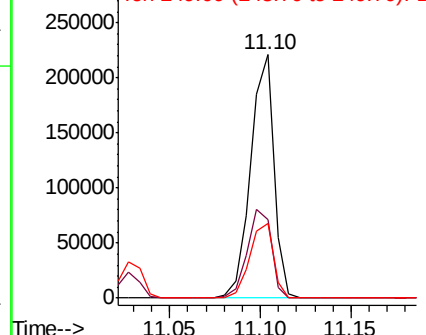
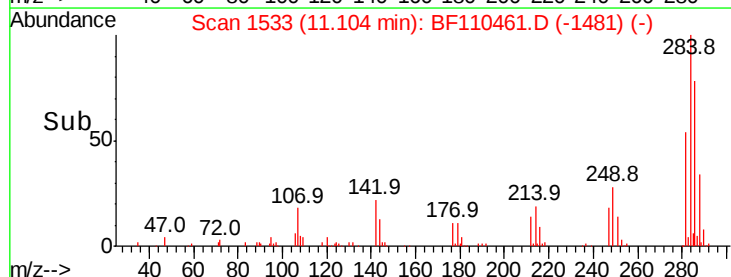


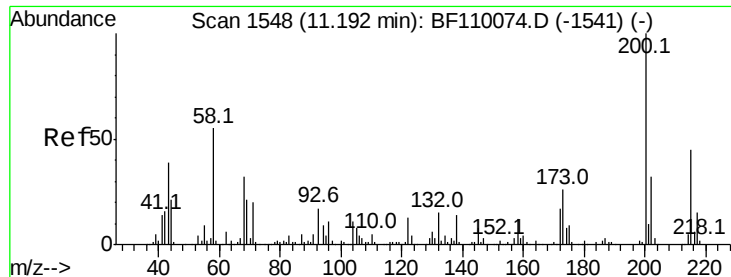
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





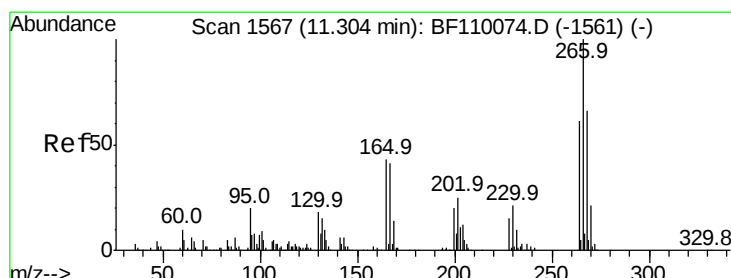
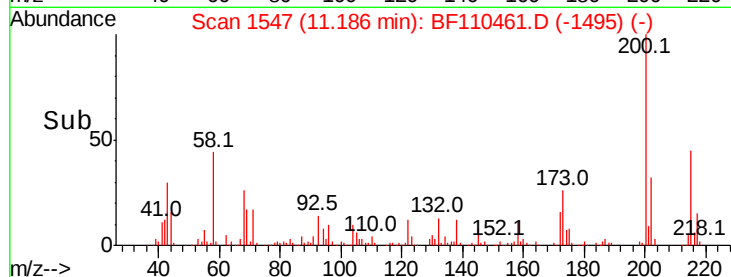
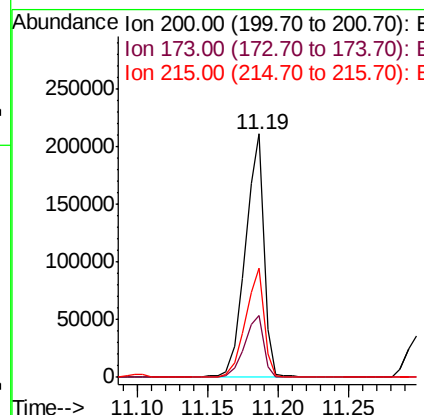
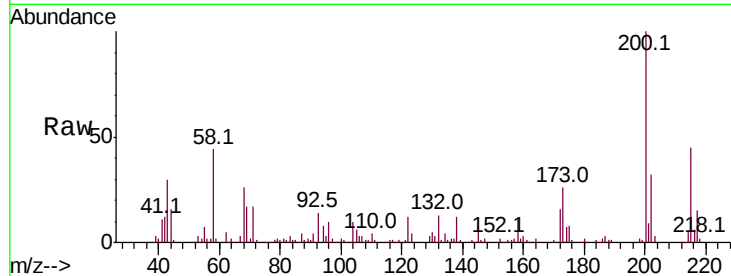
#69
Atrazine
Concen: 49.773 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.6	6.6	46.6
215	44.7	26.3	66.3

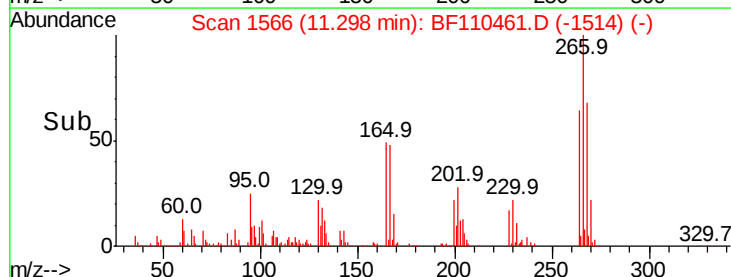
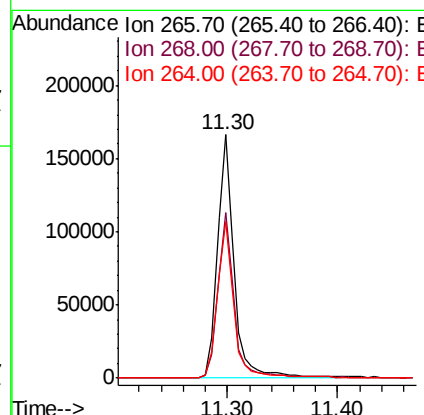
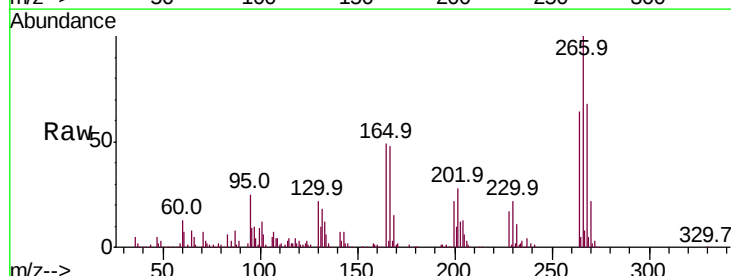
Manual Integrations
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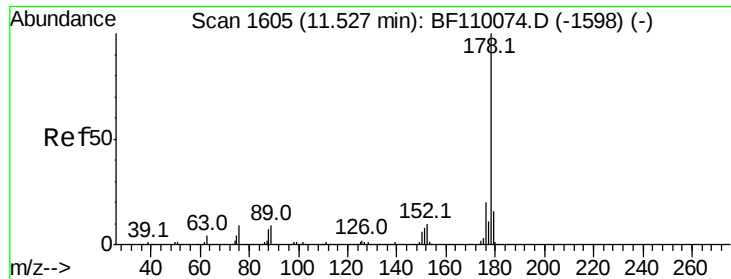
Sohil
11/6/2018 9:00:53 AM



#70
Pentachlorophenol
Concen: 68.437 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.8	50.6	75.8
264	64.1	50.6	75.8





#71

Phenanthrene

Concen: 49.567 ng

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Instrument :

BNA_F

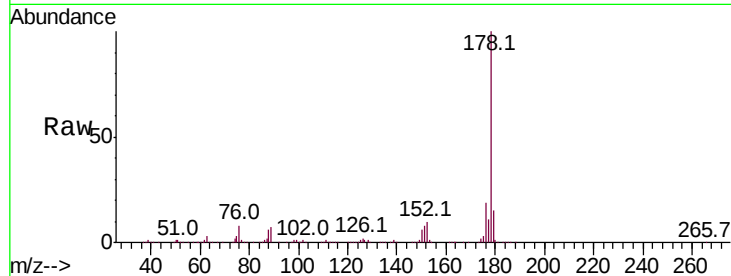
ClientSampled :

8BMS

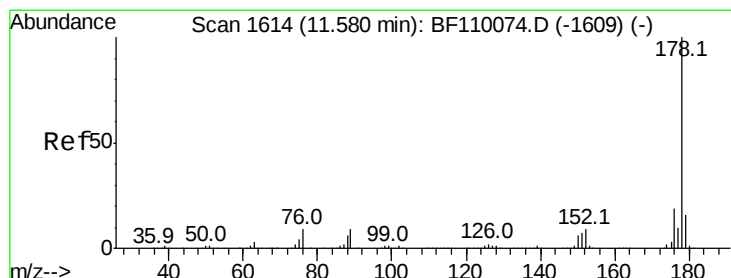
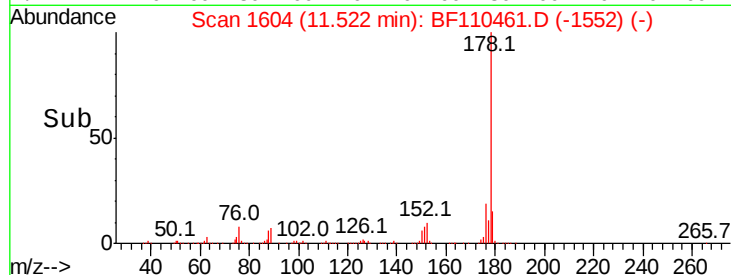
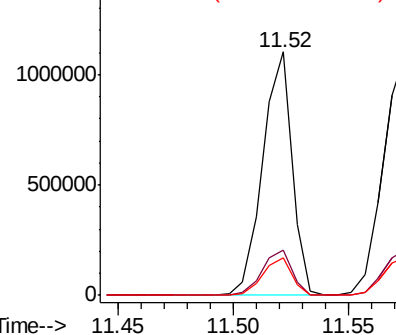
Tot Ion:	178	Resp:	970445
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.5	23.3
179	15.5	12.5	18.7

Manual Integrations
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11/6/2018 9:00:53 AM



Abundance Ion 178.00 (177.70 to 178.70): E
1500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.776 ng

RT: 11.57 min Scan# 1613

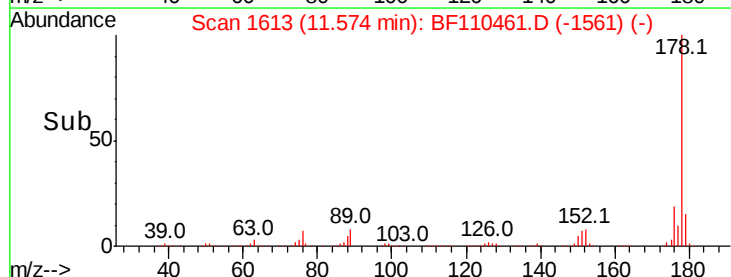
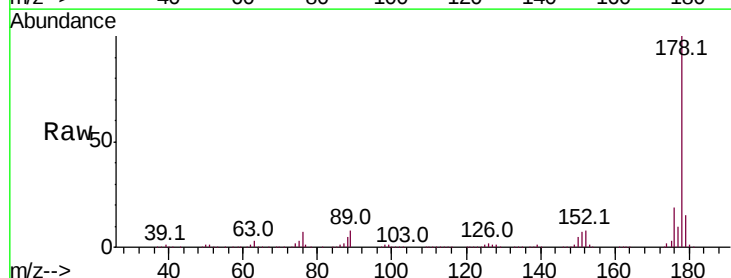
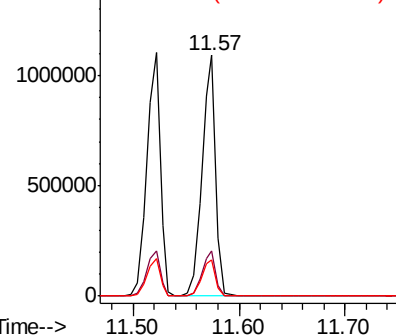
Delta R.T. 0.01 min

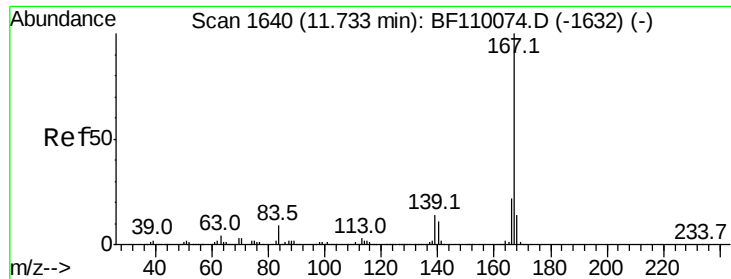
Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Tgt Ion:	178	Resp:	996457
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.4	23.2
179	15.3	12.6	18.8

Abundance Ion 178.00 (177.70 to 178.70): E
1500000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





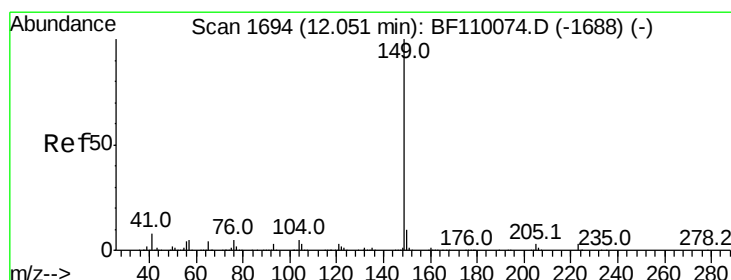
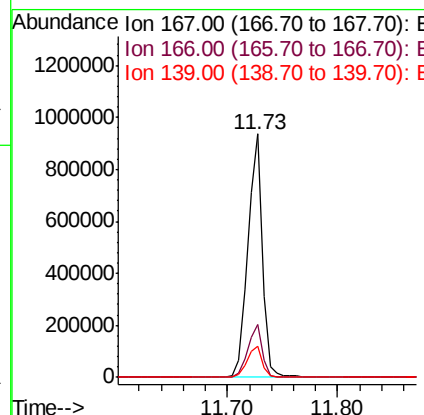
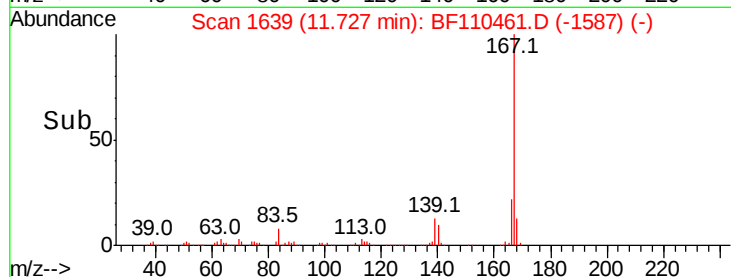
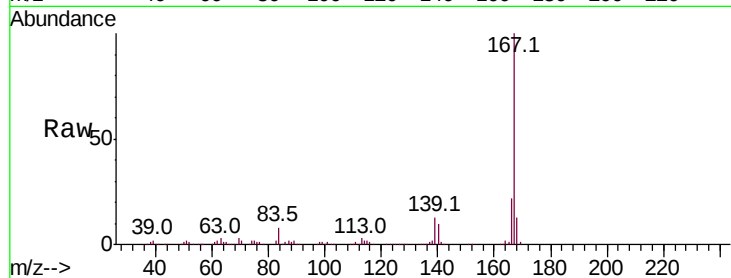
#73
 Carbazole
 Concen: 45.308 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Instrument :
 BNA_F
 ClientSampleId :
 8BMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.0	10.9	16.3

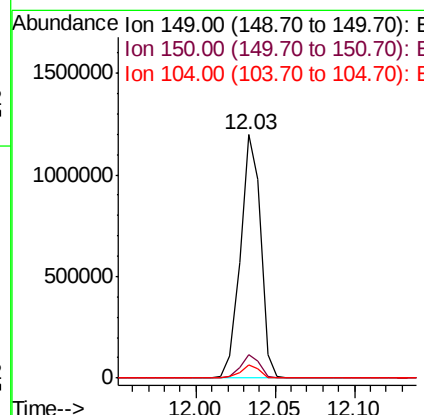
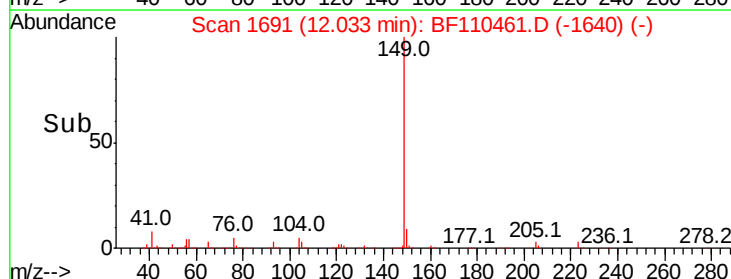
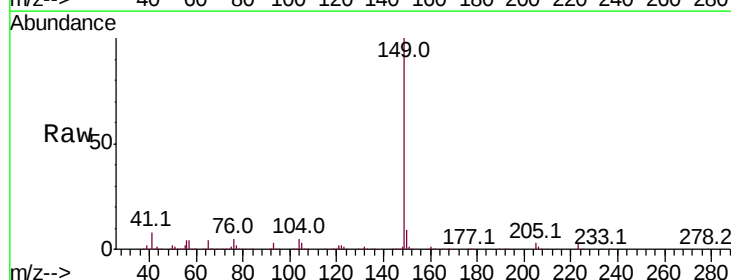
Manual Integrations
 APPROVED

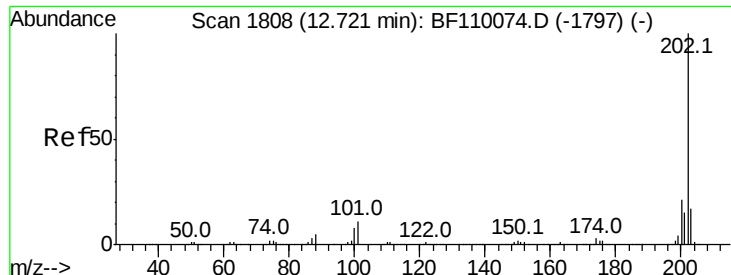
Sohil
 11/6/2018 9:00:53 AM



#74
 Di-n-butylphthalate
 Concen: 48.891 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	5.3	4.2	6.4





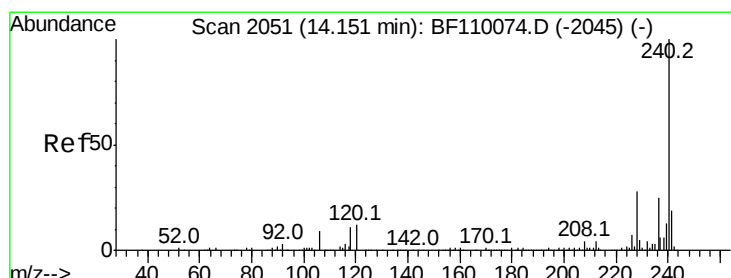
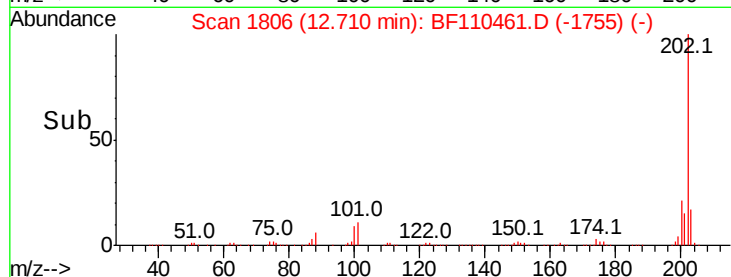
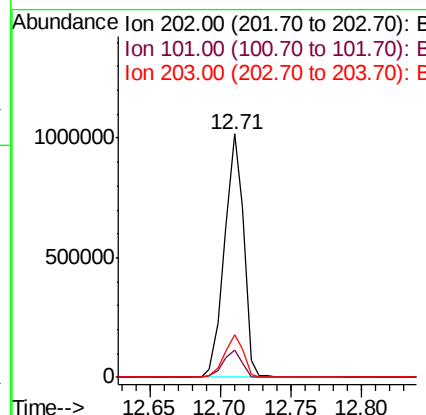
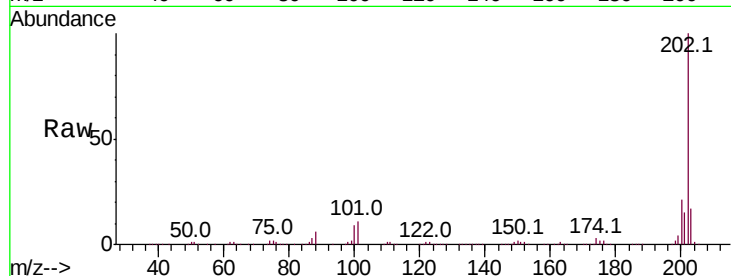
#75
 Fluoranthene
 Concen: 48.134 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Instrument :
 BNA_F
 ClientSampled :
 8BMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	0.0	31.4
203	17.4	0.0	37.7

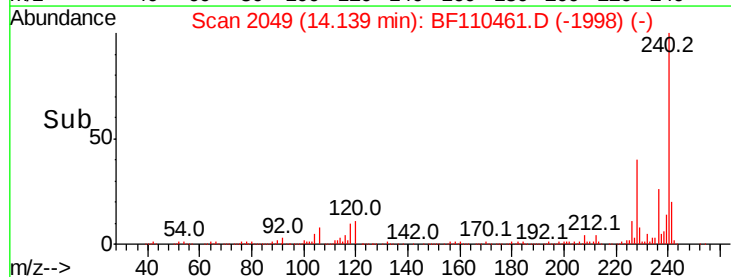
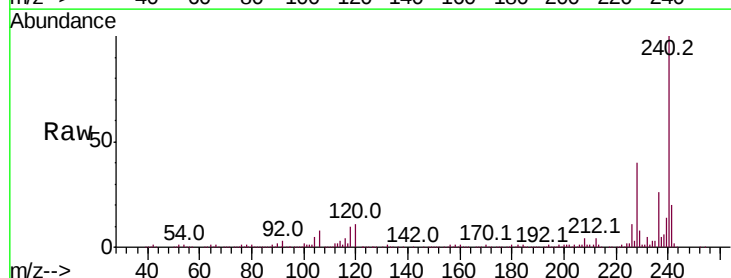
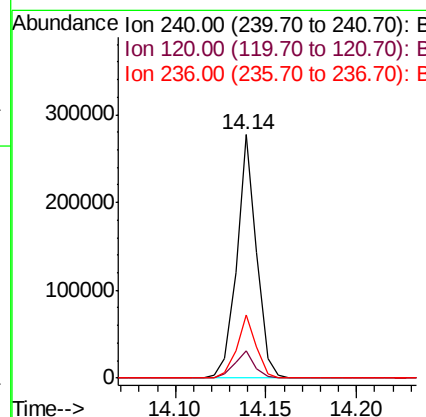
Manual Integrations
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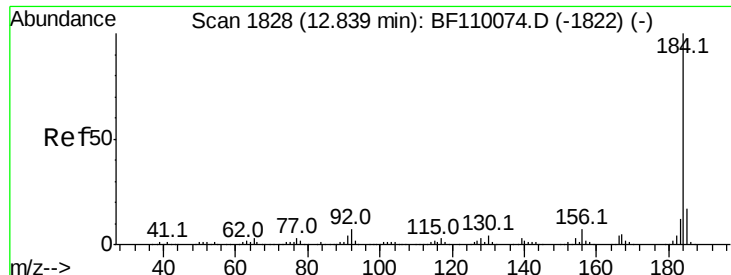
Sohil
 11/6/2018 9:00:53 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.3	8.3	12.5
236	26.0	21.2	31.8





#77

Benzidine

Concen: 4.434 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Instrument :

BNA_F

ClientSampled :

8BMS

Tot Ion:184 Resp: 42874

Ion Ratio Lower Upper

184 100

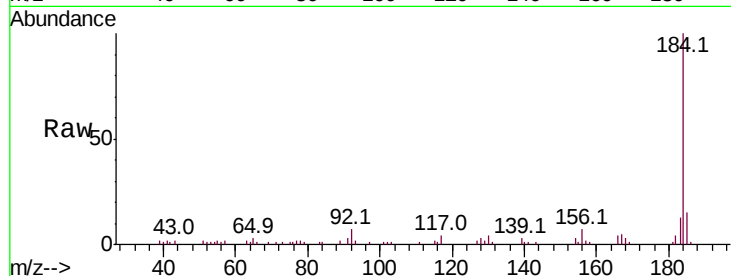
185 15.0 13.4 20.2

183 12.5 9.4 14.2

Manual Integrations
APPROVED

Sohil

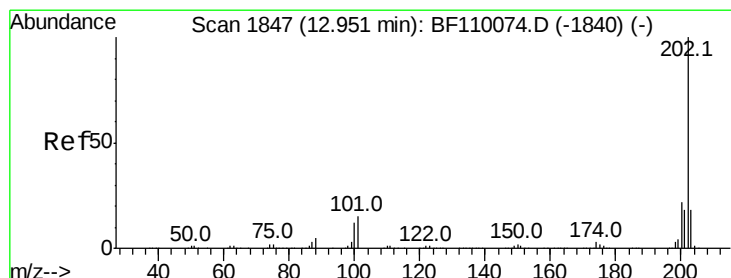
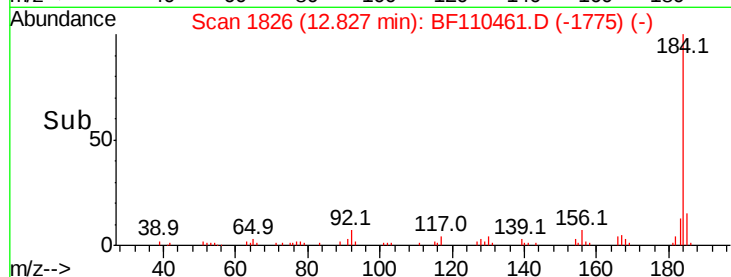
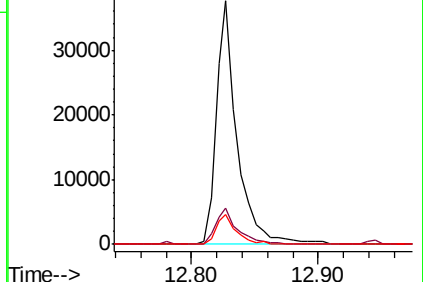
11/6/2018 9:00:53 AM



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: 62.493 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Tgt Ion:202 Resp: 939007

Ion Ratio Lower Upper

202 100

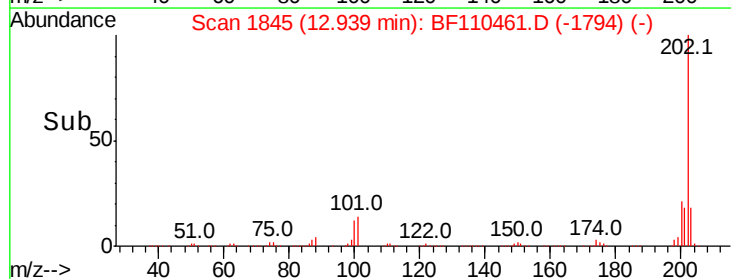
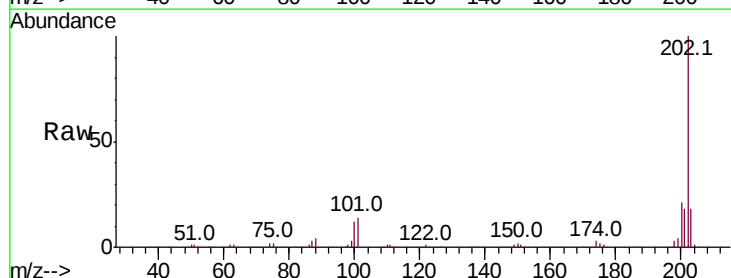
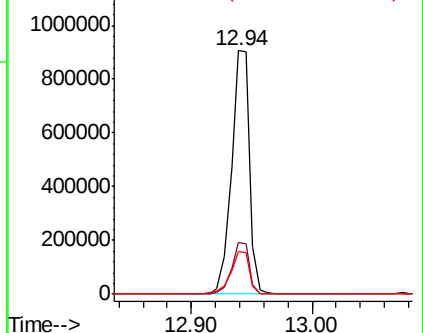
200 21.2 17.8 26.6

203 17.8 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





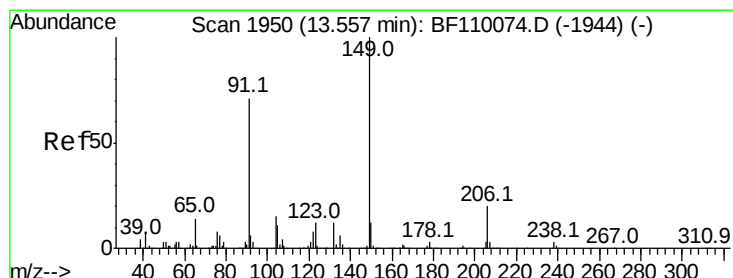
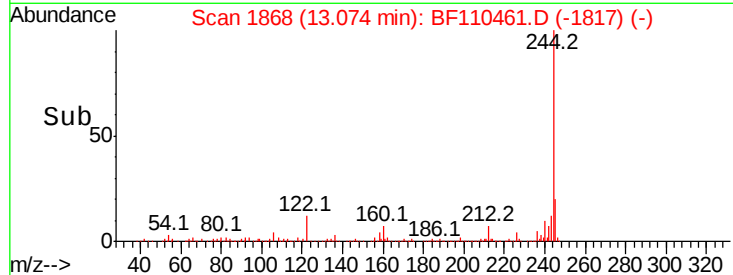
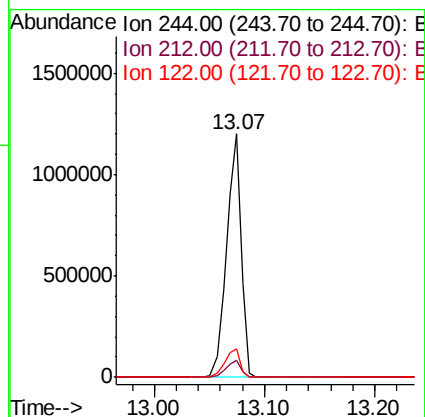
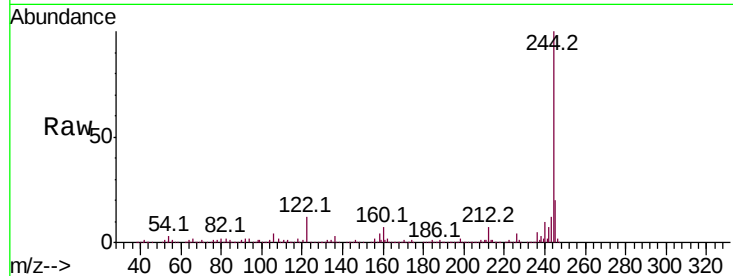
#79
 Terphenyl-d14
 Concen: 110.627 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Instrument :
 BNA_F
 ClientSampled :
 8BMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.7	8.7	13.1

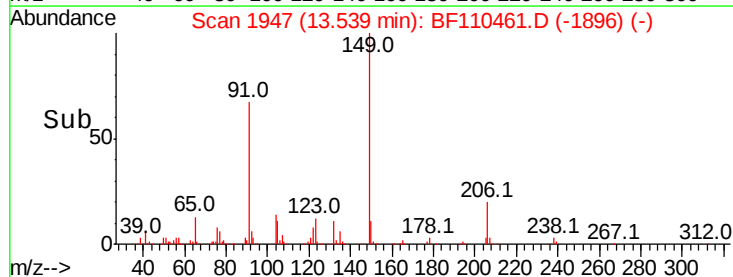
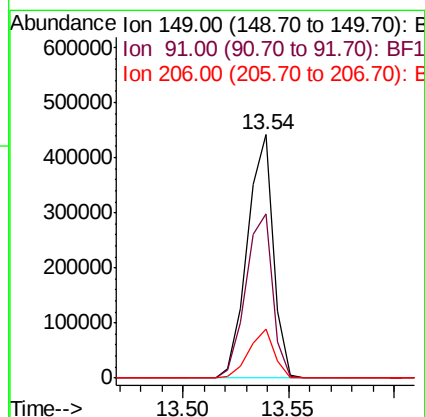
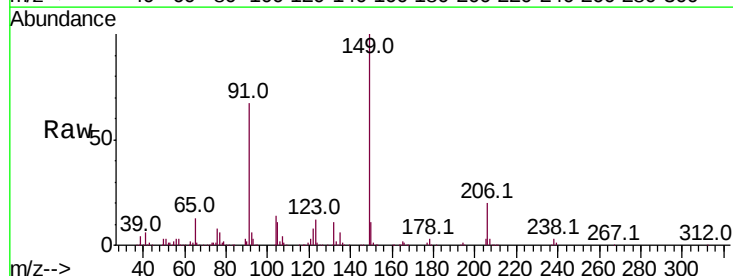
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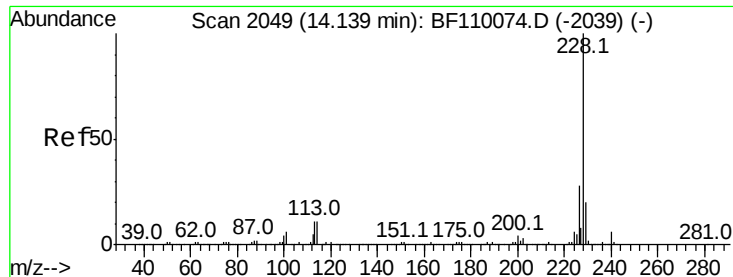
Sohil
 11/6/2018 9:00:53 AM



#80
 Butylbenzylphthalate
 Concen: 57.870 ng
 RT: 13.54 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.2	57.2	85.8
206	20.2	15.7	23.5





#81

Benzo(a)anthracene

Concen: 51.596 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Instrument :

BNA_F

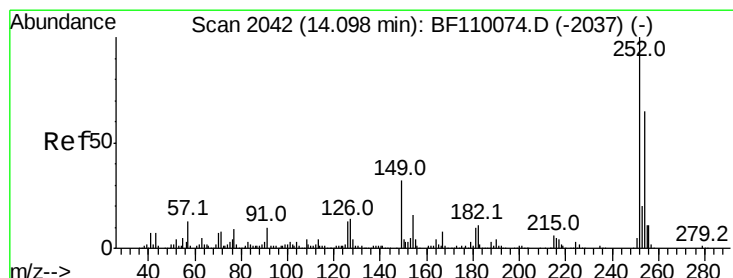
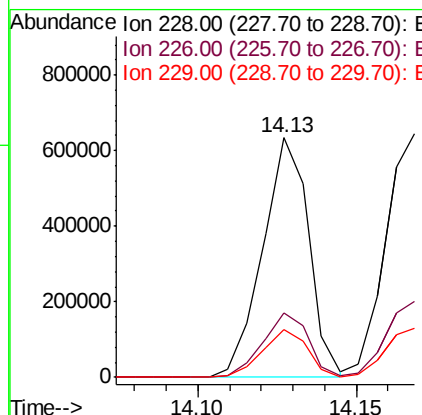
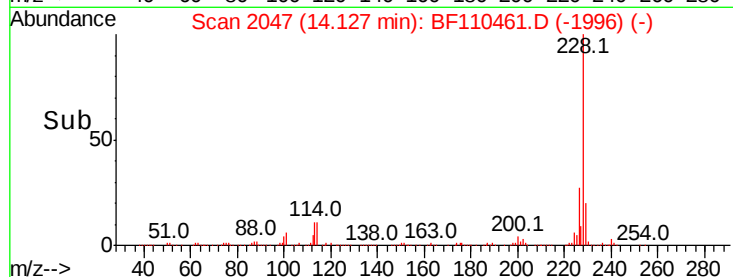
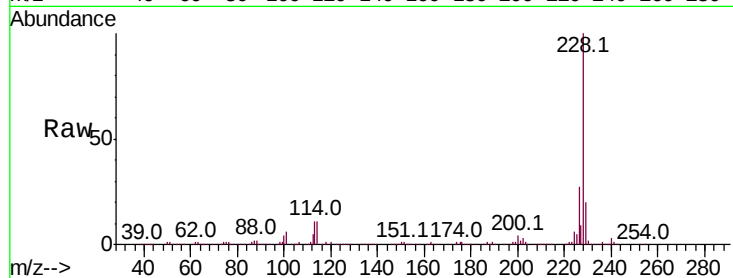
ClientSampleId :

8BMS

Tot Ion:	228	Resp:	641286
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.1	33.1
229	19.7	15.6	23.4

Manual Integrations
APPROVED

Sohil
11/6/2018 9:00:53 AM



#82

3,3'-Dichlorobenzidine

Concen: 28.439 ng

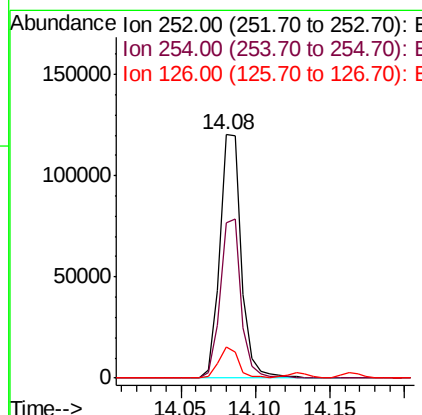
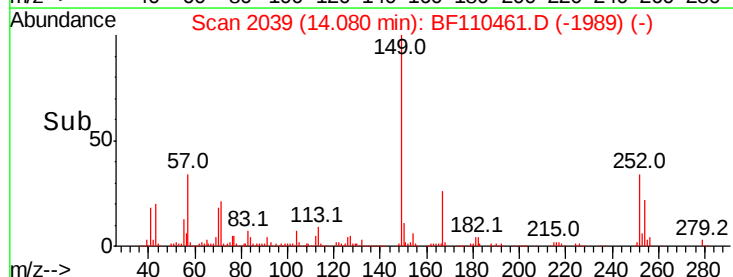
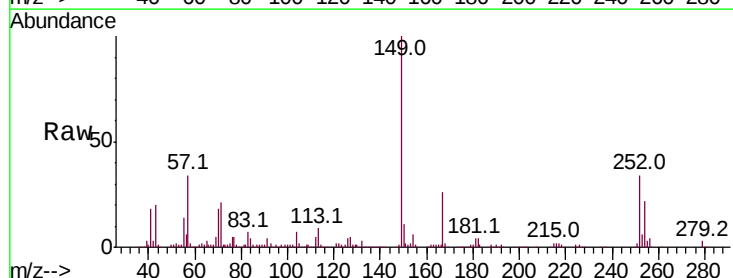
RT: 14.08 min Scan# 2039

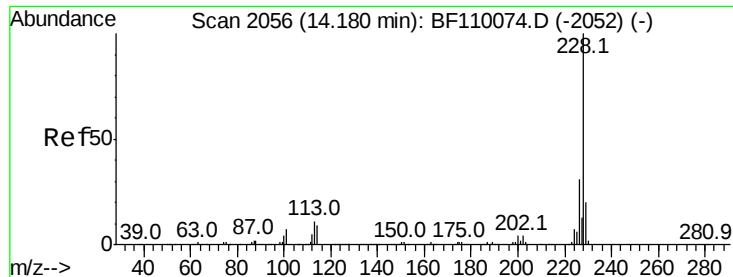
Delta R.T. -0.01 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Tgt Ion:	252	Resp:	123083
Ion Ratio	Lower	Upper	
252	100		
254	63.8	51.3	76.9
126	13.0	9.4	14.2





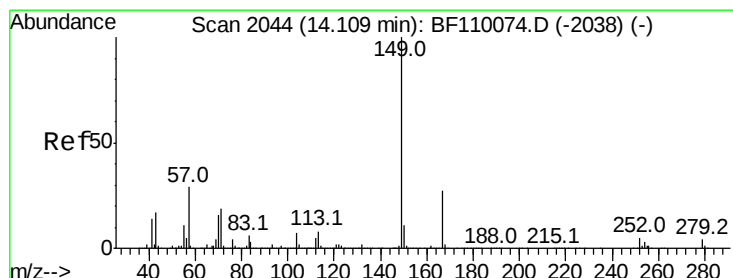
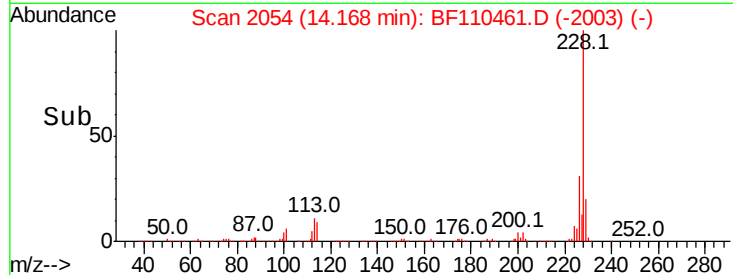
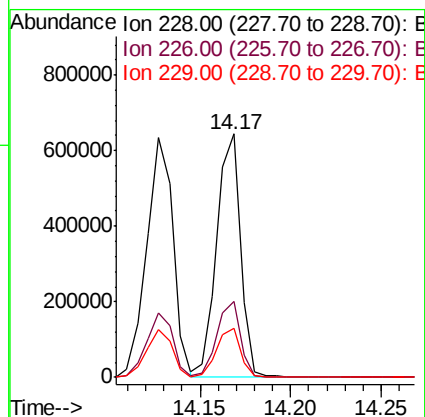
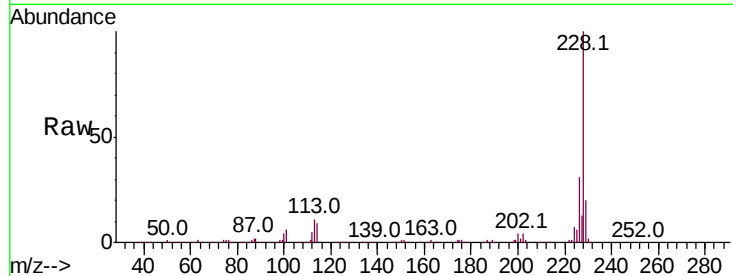
#83
 Chrvsene
 Concen: 50.095 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

Instrument :
 BNA_F
 ClientSampled :
 8BMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	20.0	15.9	23.9

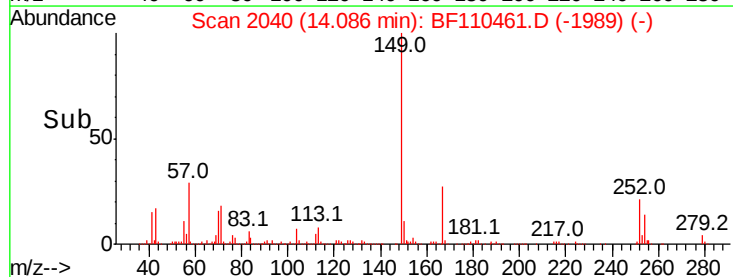
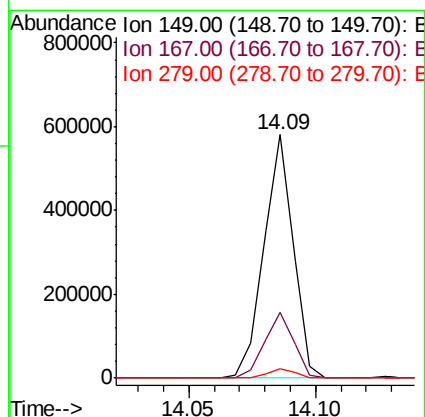
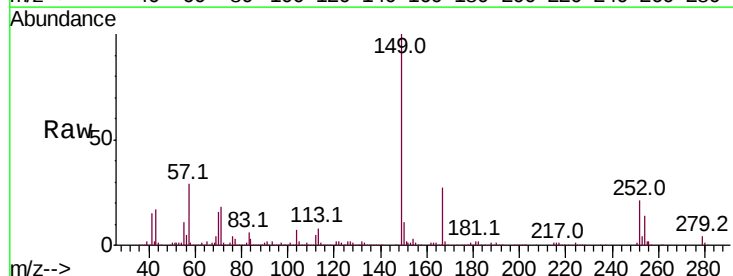
Manual Integrations
 APPROVED

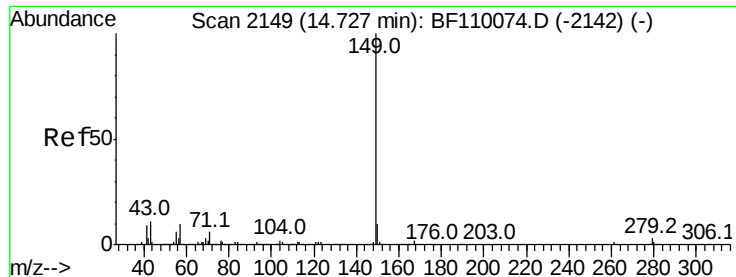
Sohil
 11/6/2018 9:00:53 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.386 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110461.D
 Acq: 5 Nov 2018 13:34

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





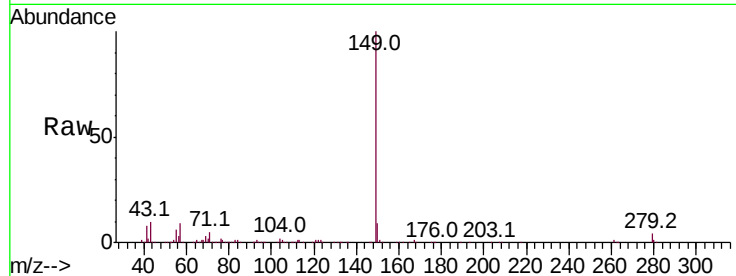
#85
Di-n-octyl phthalate
Concen: 48.795 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampleId :
8BMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	668904		
167	1.5		1.1	1.7
43	10.5		7.8	11.8

Manual Integrations
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11/6/2018 9:00:53 AM

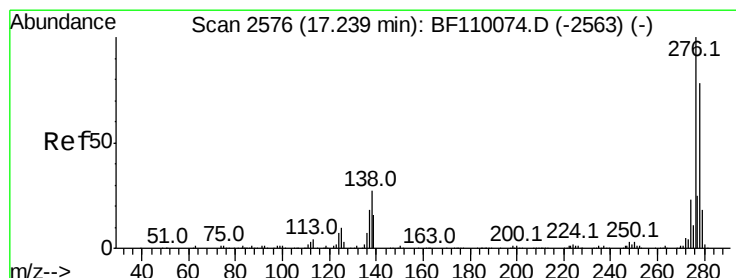
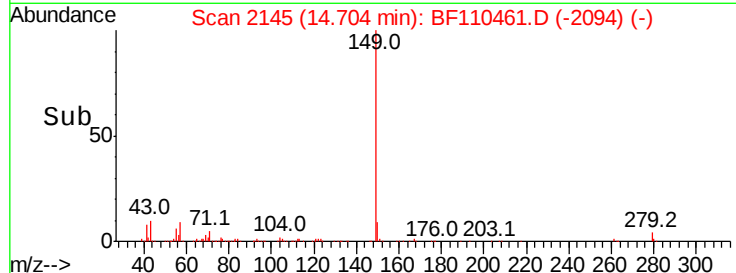
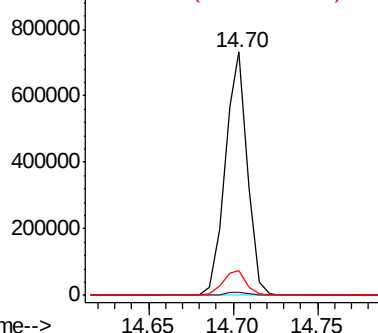


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 61.082 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.02 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

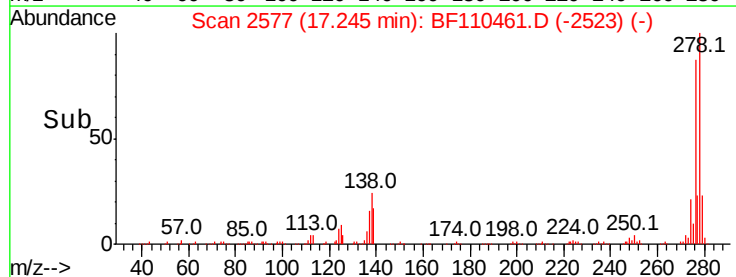
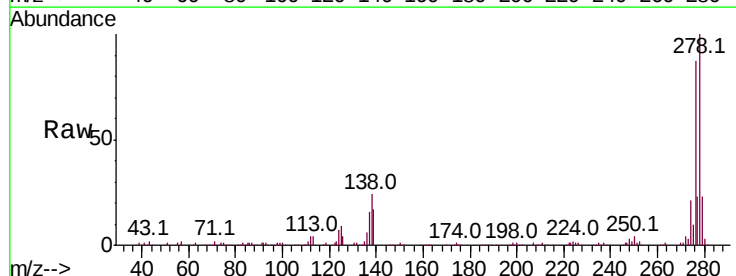
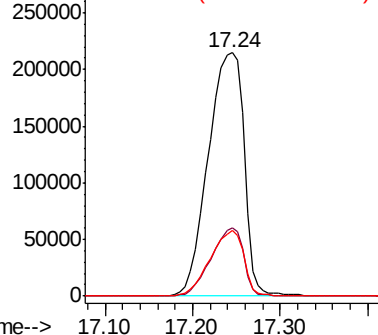
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	598204		
138	25.4		18.5	27.7
277	25.3		20.0	30.0

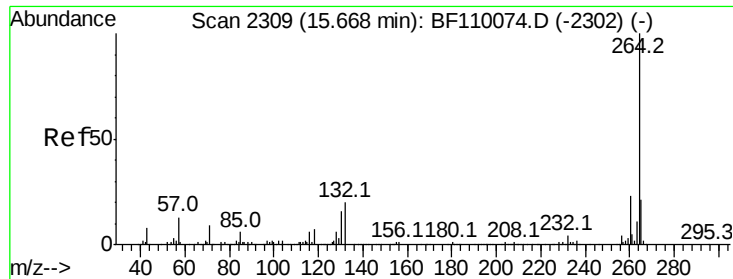
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Instrument :

BNA_F

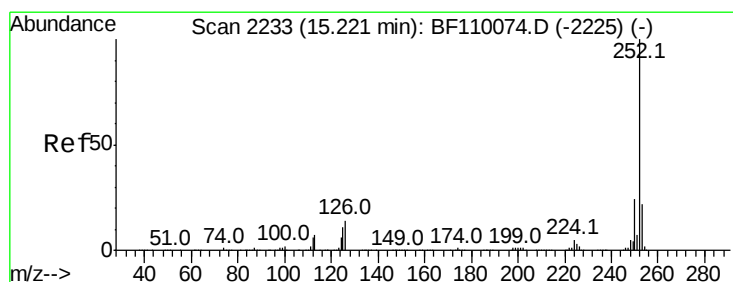
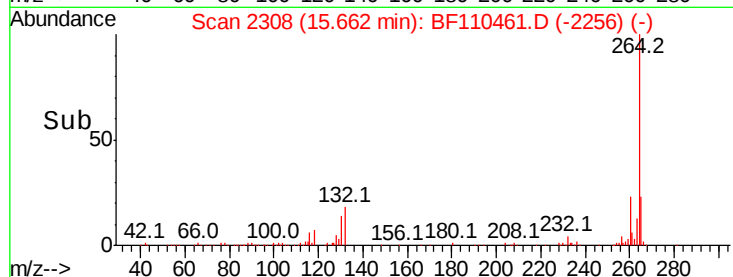
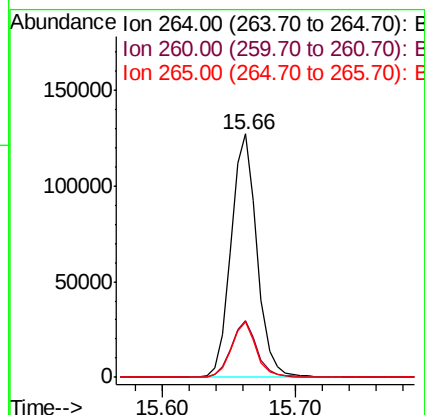
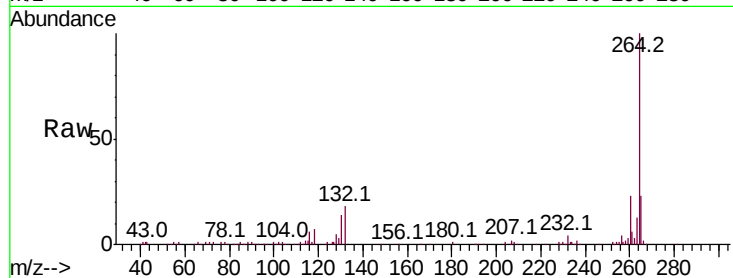
ClientSampleId :

8BMS

Tot Ion:	264	Resp:	173486
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.7	28.1
265	22.6	16.7	25.1

Manual Integrations
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Sohil
11/6/2018 9:00:53 AM



#88

Benzo(b)fluoranthene

Concen: 50.234 ng

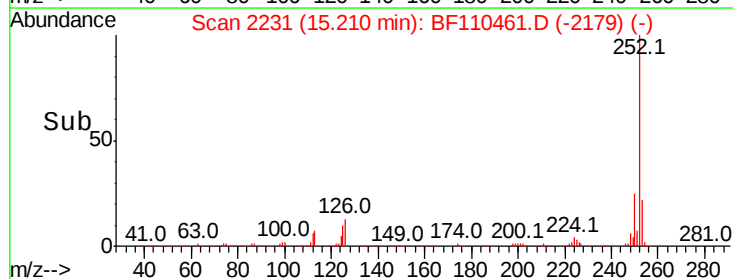
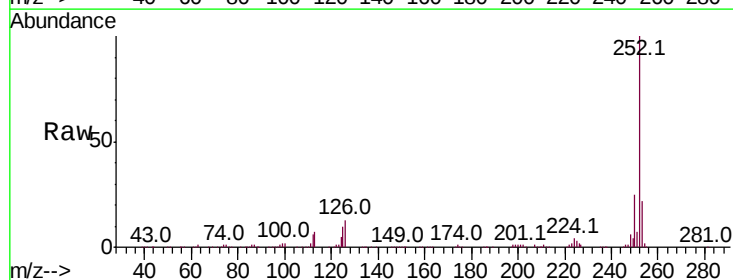
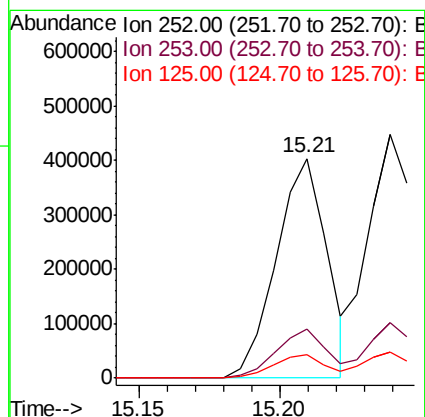
RT: 15.21 min Scan# 2231

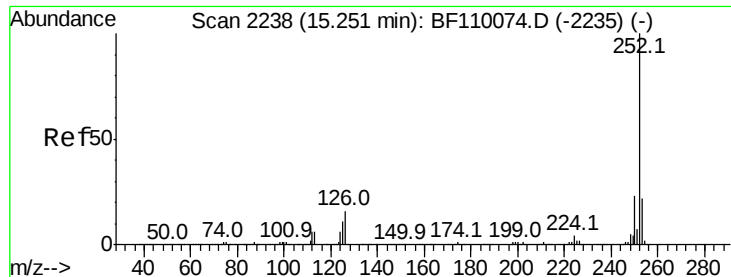
Delta R.T. 0.01 min

Lab File: BF110461.D

Acq: 5 Nov 2018 13:34

Tgt Ion:	252	Resp:	503251
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	10.4	8.2	12.4





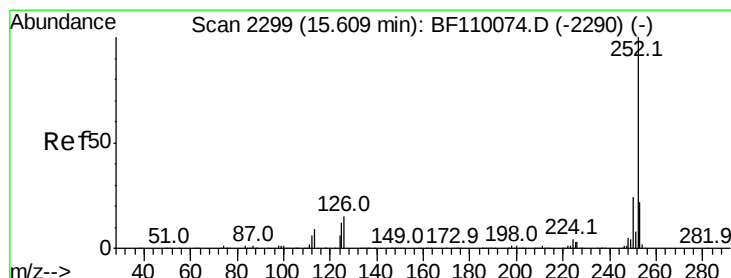
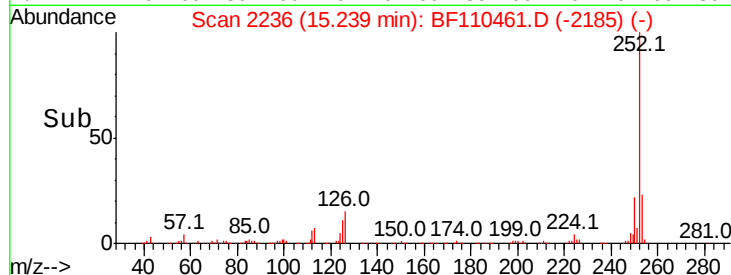
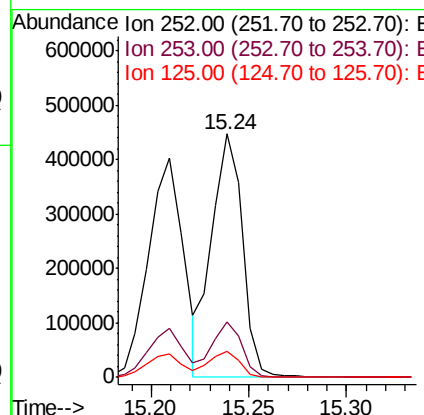
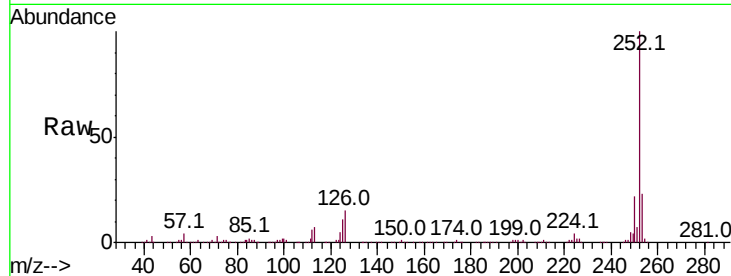
#89
Benzo(k)fluoranthene
Concen: 49.739 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampled :
8BMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	10.5	7.4	11.0

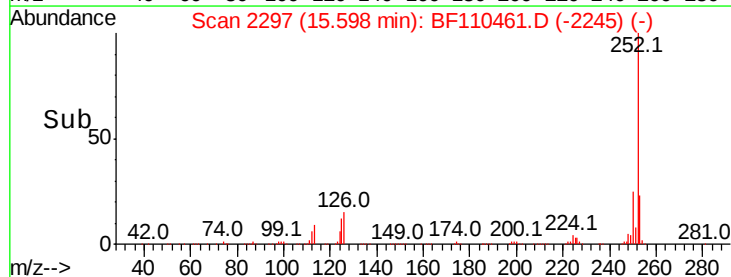
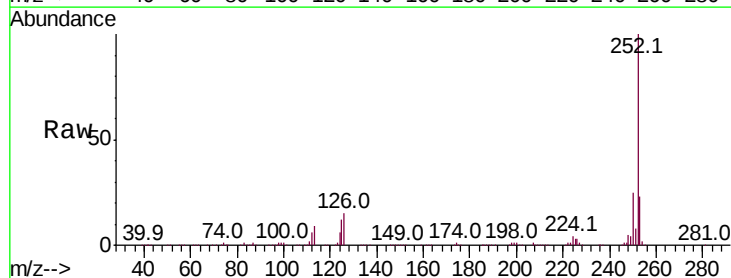
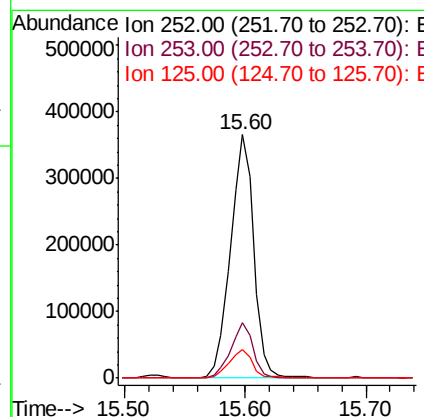
Manual Integrations
APPROVED

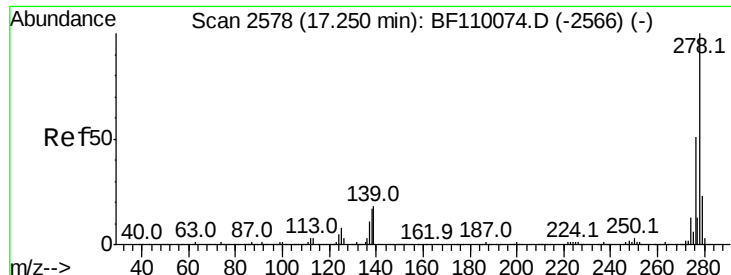
Sohil
11/6/2018 9:00:53 AM



#90
Benzo(a)pyrene
Concen: 53.265 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	11.9	9.0	13.6





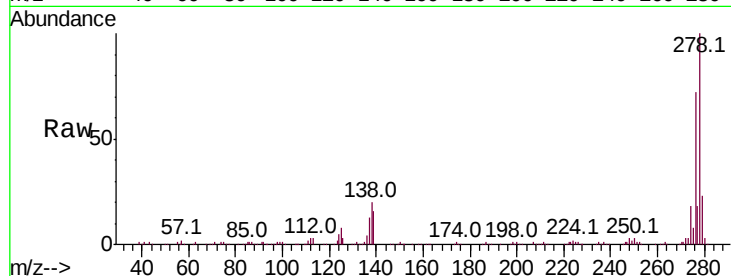
#91
Dibenzo(a,h)anthracene
Concen: 62.387 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Instrument :
BNA_F
ClientSampleId :
8BMS

Tot Ion:	278	Resp:	496230
Ion Ratio	Lower	Upper	
278	100		
139	16.3	12.7	19.1
279	23.2	19.0	28.4

Manual Integrations
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Sohil
11/6/2018 9:00:53 AM

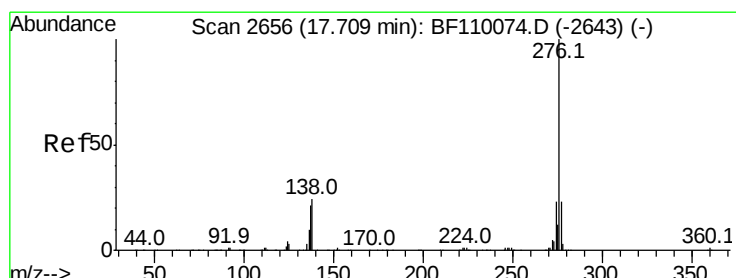
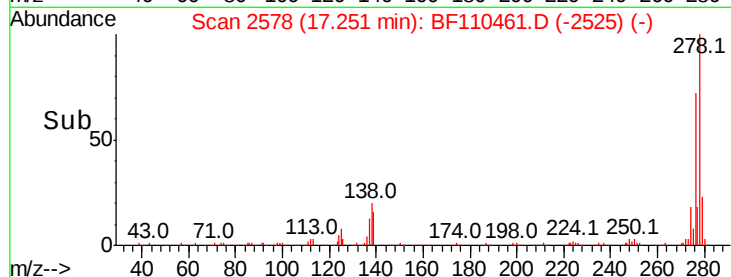
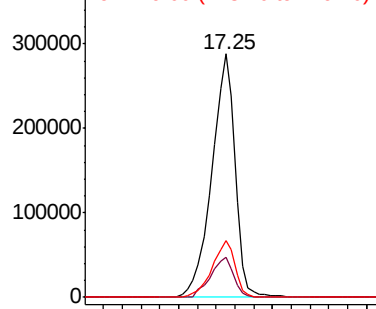


Abundance

Ion 278.00 (277.70 to 278.70): E

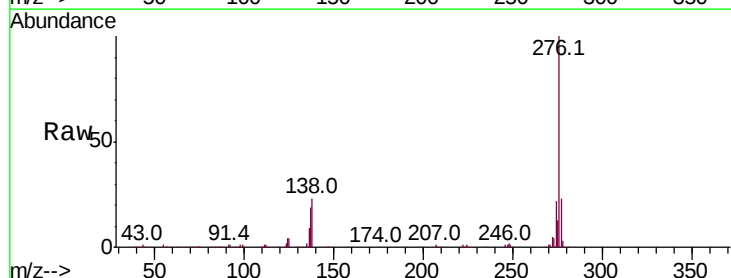
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 65.380 ng
RT: 17.72 min Scan# 2657
Delta R.T. 0.01 min
Lab File: BF110461.D
Acq: 5 Nov 2018 13:34

Tgt Ion:	276	Resp:	512451
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.8	28.2
138	22.9	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

