

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110462.D
 Acq On : 5 Nov 2018 14:01
 Operator : JU/SJ
 Sample : J5745-18MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8BMSD

Manual Integrations
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Sohil
 11/6/2018 1:19:12 PM

Quant Time: Nov 06 10:15:05 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	93930	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	398171	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	193387	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	350358	20.00	ng	0.00
76) Chrysene-d12	14.14	240	190557	20.00	ng	0.00
87) Perylene-d12	15.66	264	165410	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	872341	151.24	ng	0.02
7) Phenol-d6	6.59	99	1137275	154.15	ng	0.01
23) Nitrobenzene-d5	7.53	82	726928	108.29	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	292574	152.73	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1347230	109.39	ng	0.00
79) Terphenyl-d14	13.07	244	1196496	130.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	98417	32.566	ng	90
3) Pyridine	3.66	79	231153	34.342	ng	87
4) n-Nitrosodimethylamine	3.61	42	154502	54.788	ng	89
6) Aniline	6.63	93	362982	37.768	ng	# 53
8) 2-Chlorophenol	6.75	128	339115	50.994	ng	96
9) Benzaldehyde	6.51	77	226837	63.111	ng	99
10) Phenol	6.60	94	474270	60.138	ng	# 67
11) bis(2-Chloroethyl)ether	6.69	93	307722	47.428	ng	93
12) 1,3-Dichlorobenzene	6.90	146	341446	46.656	ng	97
13) 1,4-Dichlorobenzene	6.97	146	346654	46.836	ng	98
14) 1,2-Dichlorobenzene	7.13	146	331707	48.276	ng	99
15) Benzyl Alcohol	7.10	79	299589	52.797	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	498141	48.019	ng	72
17) 2-Methylphenol	7.20	107	277851	52.426	ng	# 85
18) Hexachloroethane	7.46	117	131182	48.410	ng	93
19) n-Nitroso-di-n-propylamine	7.37	70	235988	49.858	ng	96
20) 3+4-Methylphenols	7.36	107	350110	51.106	ng	92
22) Acetophenone	7.37	105	473012	51.556	ng	# 96
24) Nitrobenzene	7.55	77	351505	50.717	ng	93
25) Isophorone	7.78	82	667831	58.361	ng	96
26) 2-Nitrophenol	7.86	139	185042	56.106	ng	95
27) 2,4-Dimethylphenol	7.89	122	309835	56.663	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	413862	53.239	ng	99
29) 2,4-Dichlorophenol	8.10	162	294247	53.264	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	303145	48.990	ng	97
31) Naphthalene	8.26	128	983845	53.612	ng	99
32) Benzoic acid	7.98	122	40498	9.583	ng	96
33) 4-Chloroaniline	8.31	127	205994	24.941	ng	97
34) Hexachlorobutadiene	8.37	225	167444	48.736	ng	99
35) Caprolactam	8.69	113	99165m	51.502	ng	
36) 4-Chloro-3-methylphenol	8.79	107	324140	54.260	ng	97
37) 2-Methylnaphthalene	8.96	142	695073	57.246	ng	99
38) 1-Methylnaphthalene	9.06	142	653939	55.733	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	296539	49.214	ng	98

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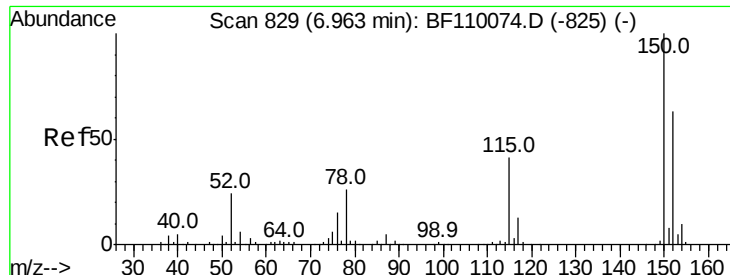
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	279350	90.667	nq	99
43) 2,4,6-Trichlorophenol	9.23	196	201423	51.827	nq	94
44) 2,4,5-Trichlorophenol	9.27	196	213367	51.938	nq	95
46) 1,1'-Biphenyl	9.42	154	851691	48.702	nq	99
47) 2-Chloronaphthalene	9.45	162	641771	50.029	nq	98
48) 2-Nitroaniline	9.55	65	207578	53.400	nq	97
49) Acenaphthylene	9.86	152	992479	53.566	nq	98
50) Dimethylphthalate	9.72	163	952196	66.702	nq	99
51) 2,6-Dinitrotoluene	9.79	165	166817	54.250	nq	98
52) Acenaphthene	10.03	154	601960	49.111	nq	98
53) 3-Nitroaniline	9.96	138	131297	35.906	nq	84
54) 2,4-Dinitrophenol	10.07	184	69603	58.519	nq	87
55) Dibenzofuran	10.21	168	863132	50.296	nq	97
56) 4-Nitrophenol	10.13	139	336201	124.224	nq	98
57) 2,4-Dinitrotoluene	10.20	165	216057	55.317	nq	95
58) Fluorene	10.55	166	707868	55.423	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.33	232	178437	53.290	nq	94
60) Diethylphthalate	10.42	149	721544	51.779	nq	100
61) 4-Chlorophenyl-phenylether	10.54	204	332091	49.289	nq	96
62) 4-Nitroaniline	10.59	138	179294	49.298	nq	91
63) Azobenzene	10.70	77	705213	50.984	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	77038	48.128	nq	91
66) n-Nitrosodiphenylamine	10.66	169	604517	52.604	nq	95
67) 4-Bromophenyl-phenylether	11.03	248	195984	51.570	nq	# 89
68) Hexachlorobenzene	11.10	284	207943	51.569	nq	99
69) Atrazine	11.19	200	192945	53.129	nq	99
70) Pentachlorophenol	11.30	266	179185	76.208	nq	98
71) Phenanthrene	11.52	178	985993	53.784	nq	100
72) Anthracene	11.57	178	1020360	55.529	nq	99
73) Carbazole	11.73	167	877013	48.882	nq	99
74) Di-n-butylphthalate	12.03	149	1068554	52.734	nq	100
75) Fluoranthene	12.71	202	952661	51.204	nq	99
77) Benzidine	12.83	184	73517	9.446	nq	97
78) Pyrene	12.94	202	933382	68.323	nq	99
80) Butylbenzylphthalate	13.54	149	376433	63.484	nq	97
81) Benzo(a)anthracene	14.13	228	647459	57.295	nq	99
82) 3,3'-Dichlorobenzidine	14.09	252	137518	34.947	nq	99
83) Chrysene	14.17	228	594474	55.386	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	481888	60.119	nq	98
85) Di-n-octyl phthalate	14.70	149	685847	55.028	nq	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	621306	69.777	nq	97
88) Benzo(b)fluoranthene	15.21	252	515544	53.973	nq	99
89) Benzo(k)fluoranthene	15.24	252	510365m	54.350	nq	
90) Benzo(a)pyrene	15.60	252	507868	57.783	nq	98
91) Dibenzo(a,h)anthracene	17.25	278	512109	67.527	nq	98
92) Benzo(g,h,i)perylene	17.72	276	534784	71.560	nq	99

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



#1

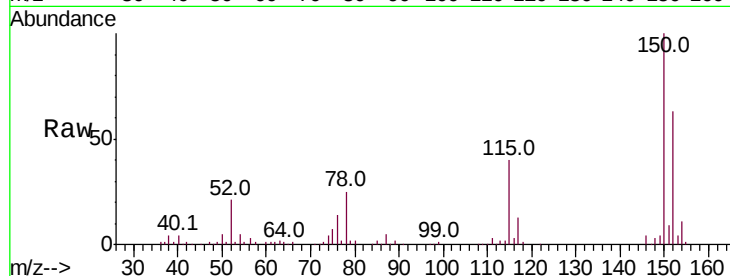
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	122.7	184.1
115	63.9	49.1	73.7

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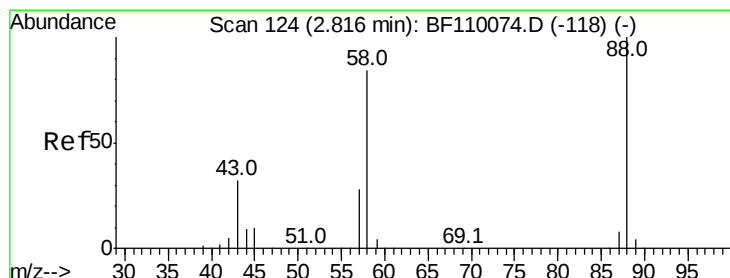
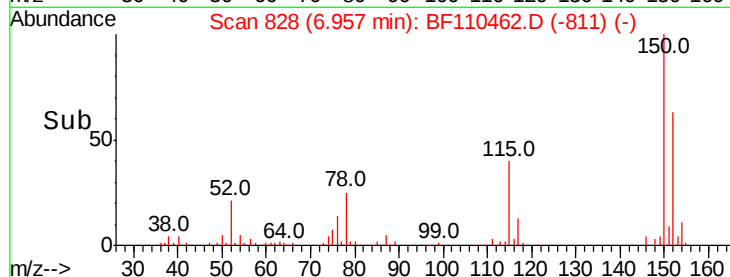
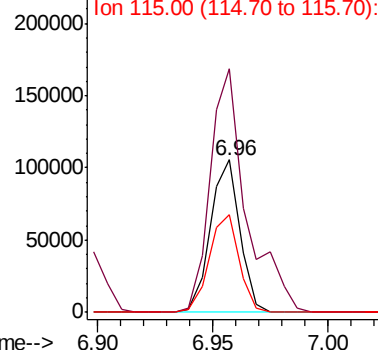


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

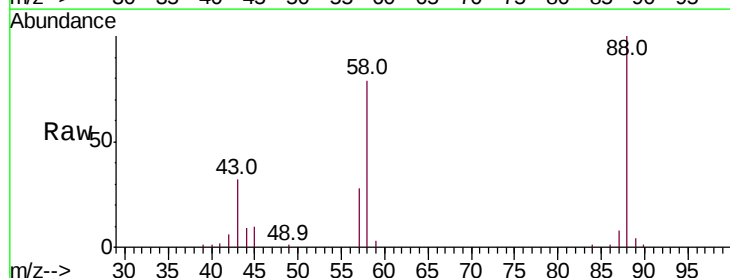
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.566 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.07 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	57.1	85.7
43	32.3	24.1	36.1

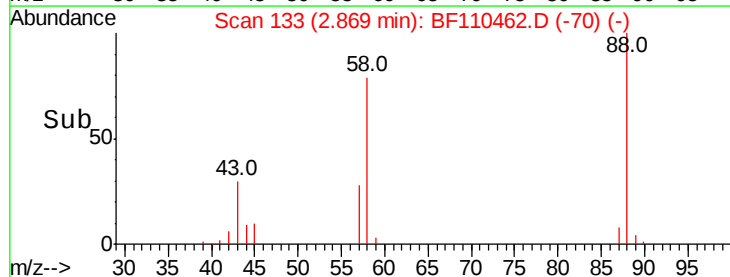
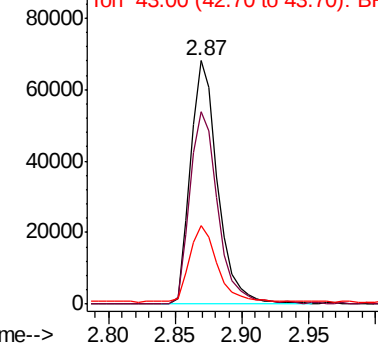


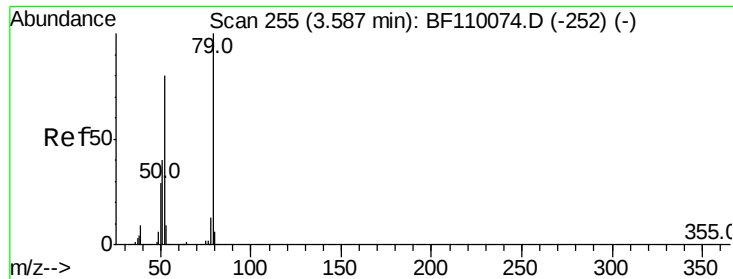
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.342 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.08 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

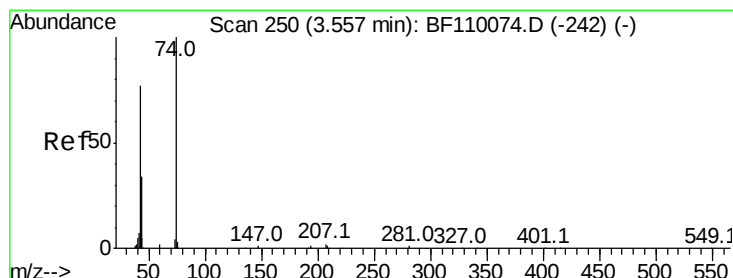
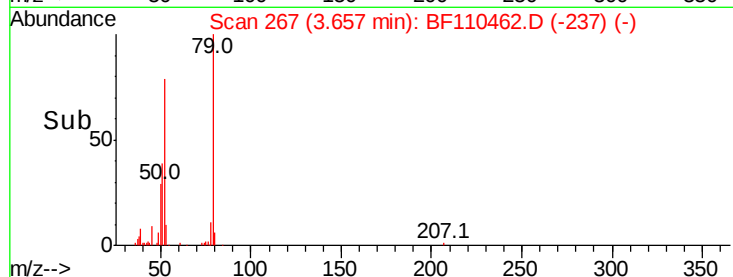
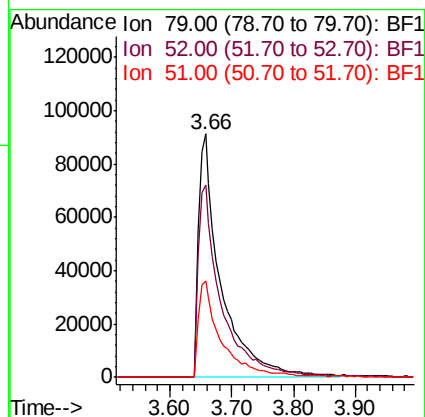
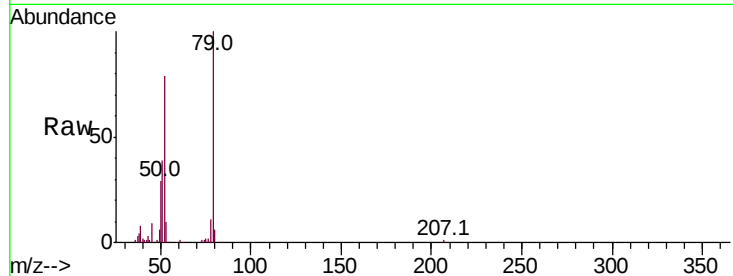
ClientSampleId :

8BMSD

Tot Ion:	79	Resp:	231153
Ion Ratio	Lower	Upper	
79	100		
52	78.8	53.1	79.7
51	39.4	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 54.788 ng

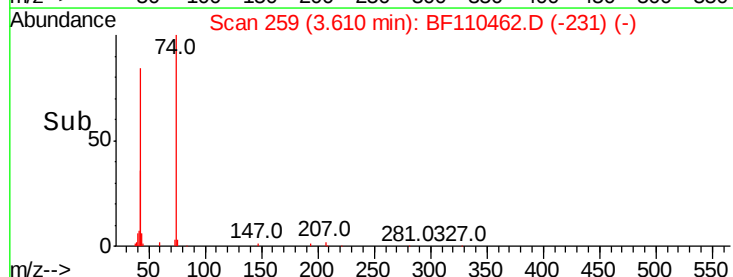
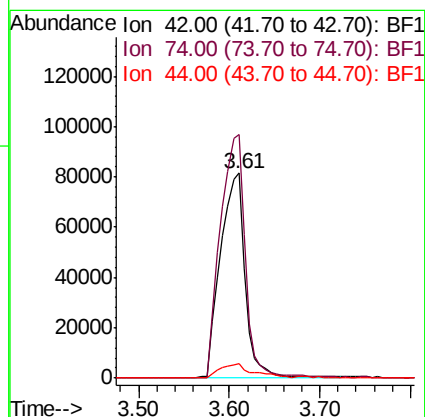
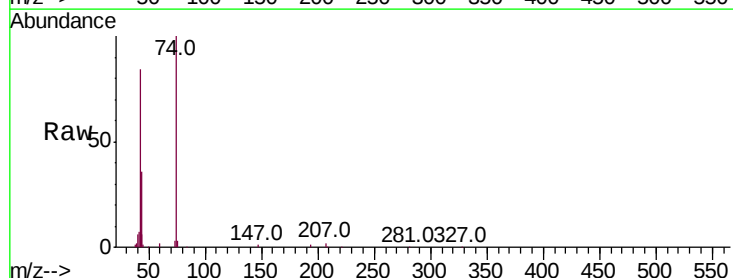
RT: 3.61 min Scan# 259

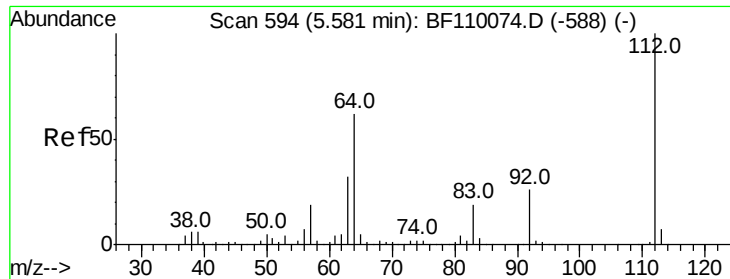
Delta R.T. 0.06 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Tgt Ion:	42	Resp:	154502
Ion Ratio	Lower	Upper	
42	100		
74	118.8	105.5	158.3
44	7.3	4.9	7.3





#5

2-Fluorophenol

Concen: 151.237 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.02 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

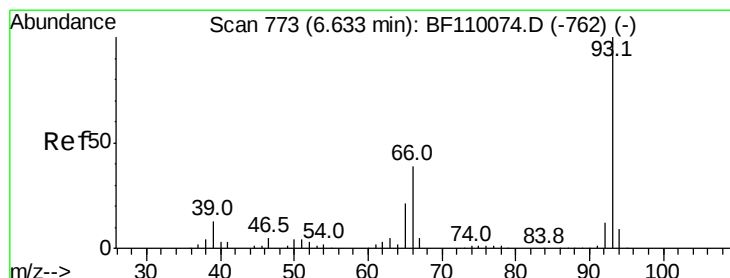
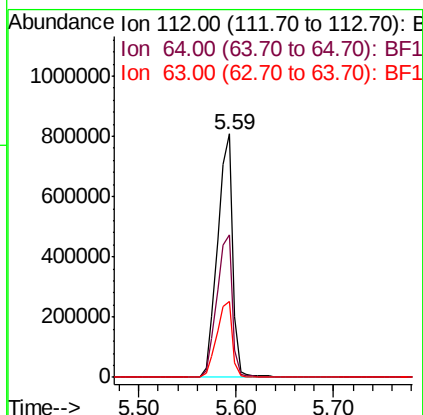
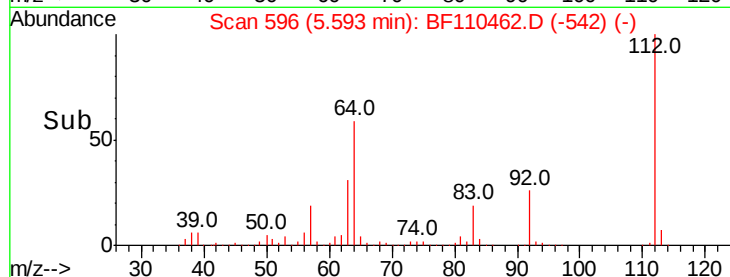
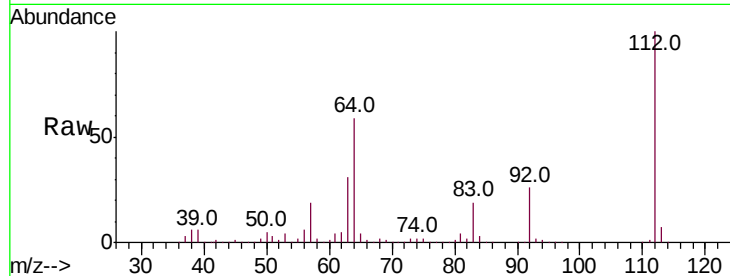
ClientSampled :

8BMSD

Tot Ion:	112	Resp:	872341
Ion Ratio	Lower	Upper	
112	100		
64	58.7	44.1	66.1
63	31.1	23.7	35.5

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#6

Aniline

Concen: 37.768 ng

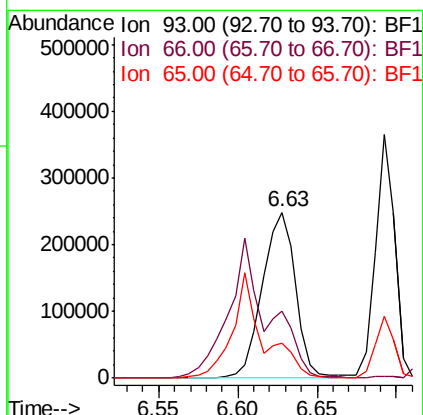
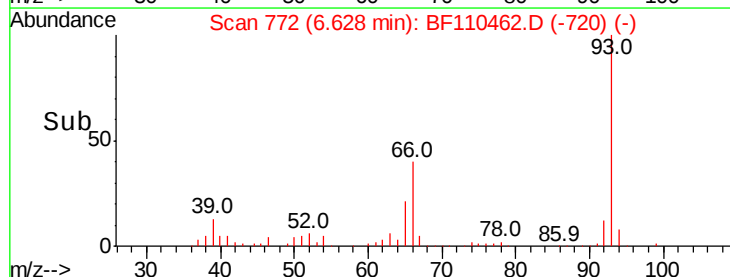
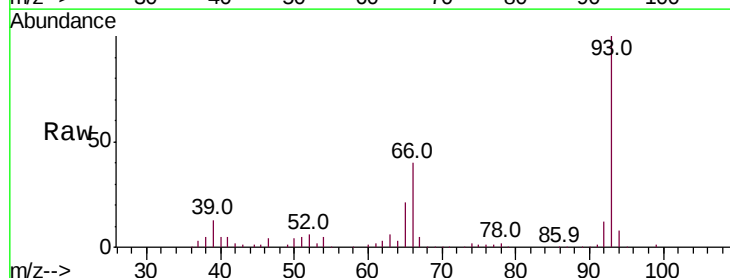
RT: 6.63 min Scan# 772

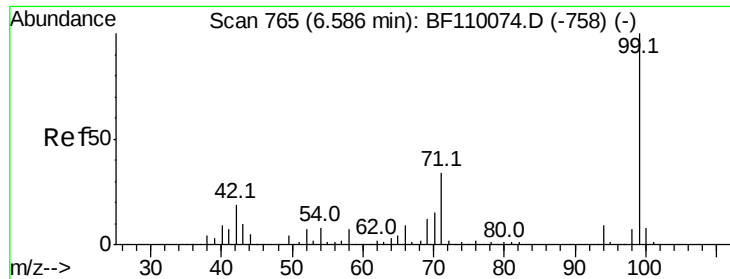
Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Tgt Ion:	93	Resp:	362982
Ion Ratio	Lower	Upper	
93	100		
66	40.1	67.4	101.0#
65	21.1	41.0	61.4#





#7

Phenol-d6

Concen: 154.149 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampled :

8BMSD

Tot Ion: 99 Resp: 1137275

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.6

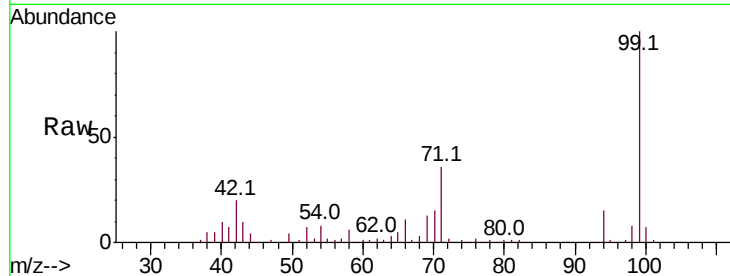
71 35.9 28.0 42.0

Manual Integrations

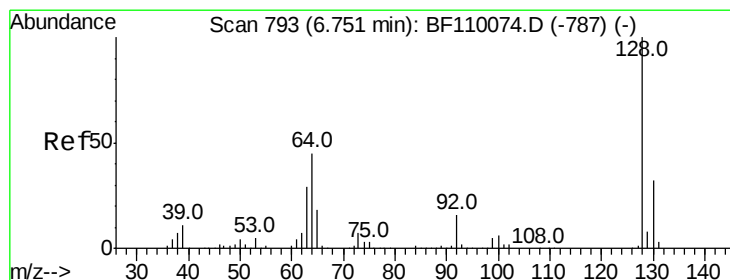
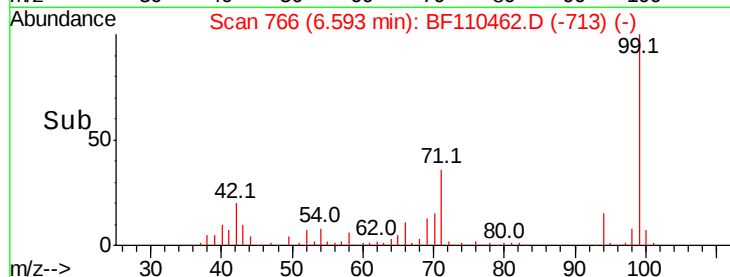
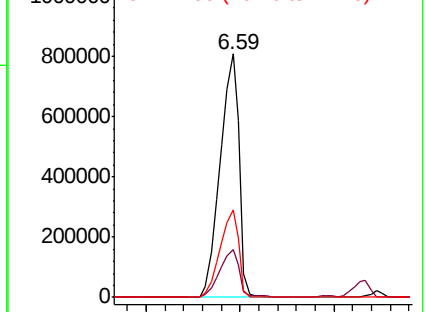
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.994 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

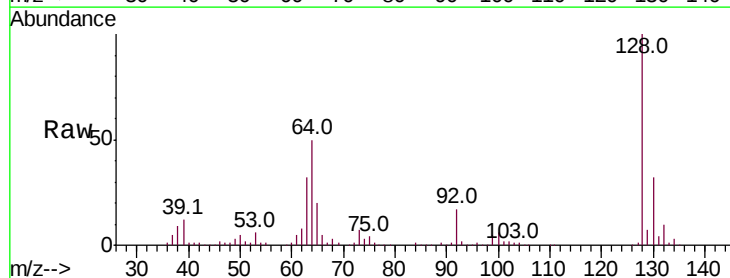
Tgt Ion:128 Resp: 339115

Ion Ratio Lower Upper

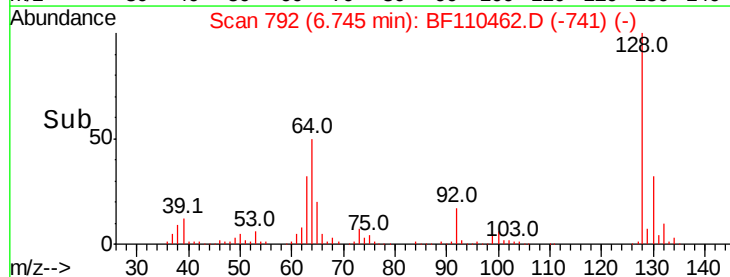
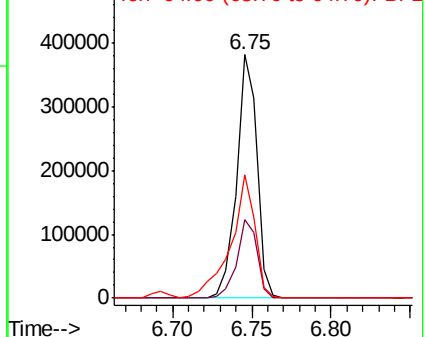
128 100

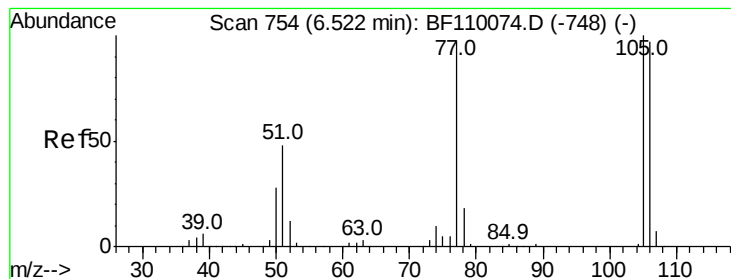
130 32.3 13.1 53.1

64 50.4 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: 63.111 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

8BMSD

Tot Ion: 77 Resp: 226837
Ion Ratio Lower Upper

77 100

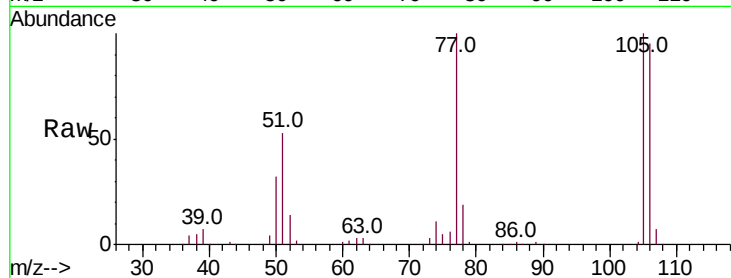
105 99.8 78.6 118.6

106 95.2 74.8 114.8

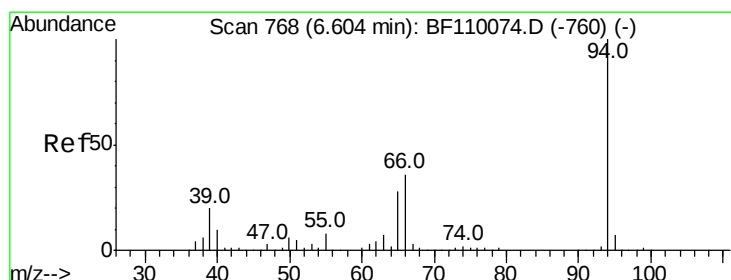
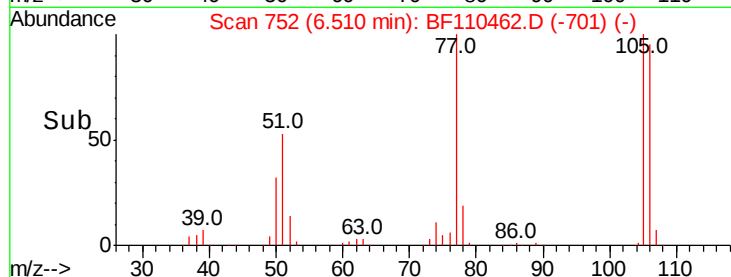
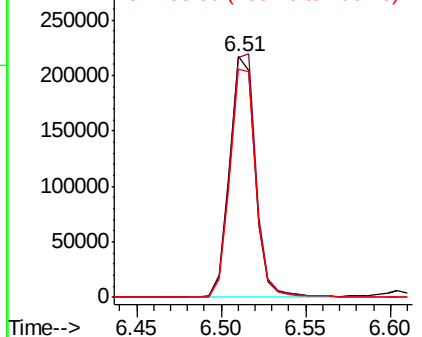
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 60.138 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110462.D

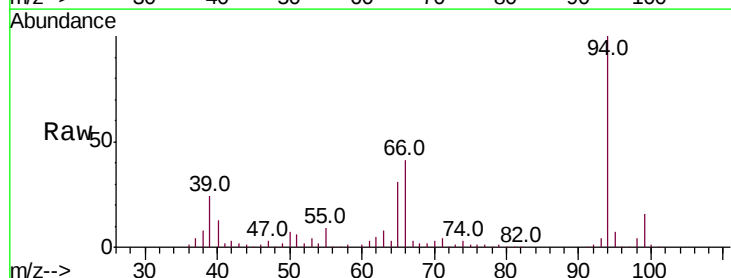
Acq: 5 Nov 2018 14:01

Tgt Ion: 94 Resp: 474270
Ion Ratio Lower Upper

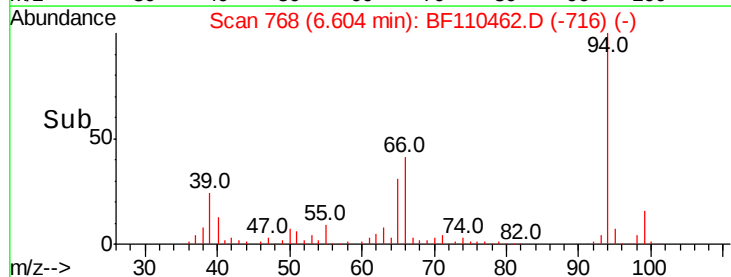
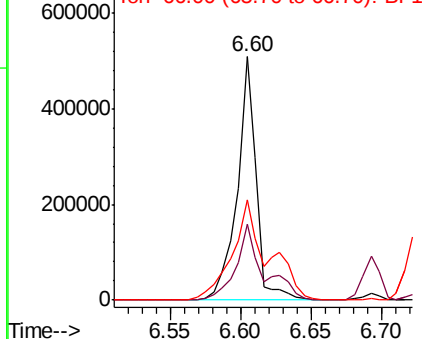
94 100

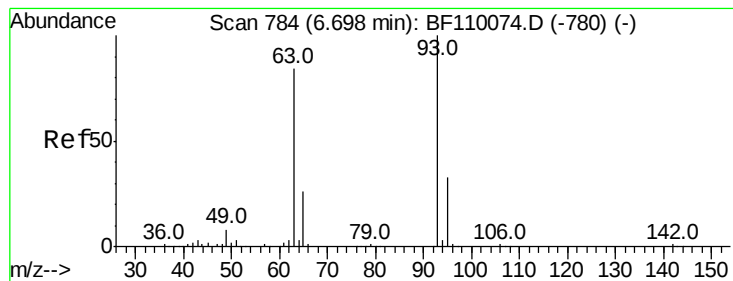
65 30.9 25.3 65.3

66 41.3 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





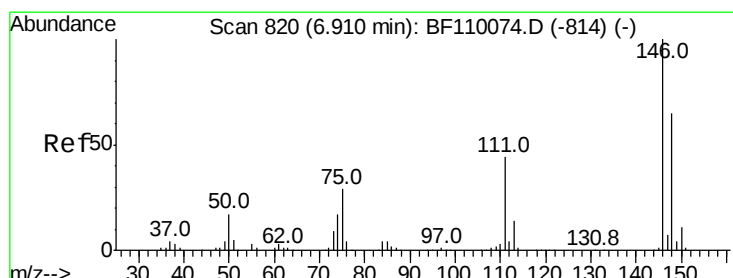
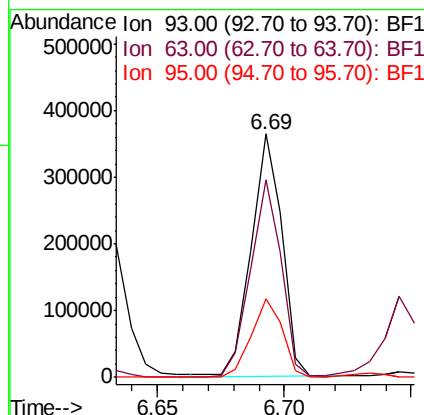
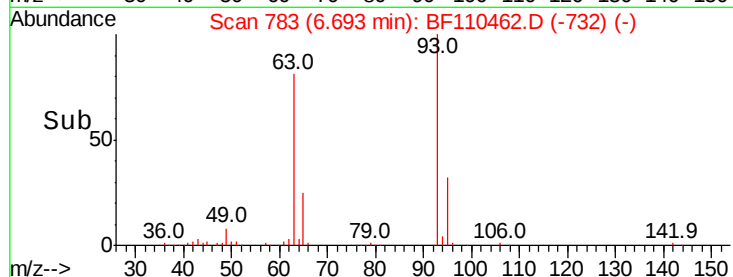
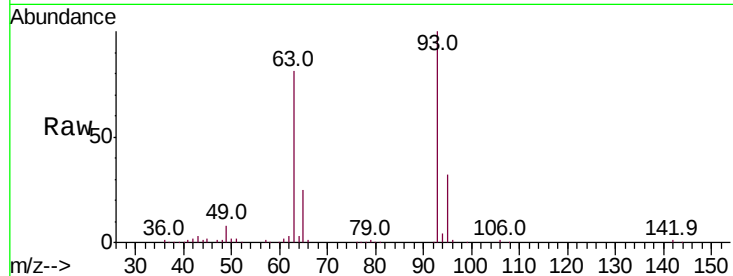
#11
bis(2-Chloroethyl)ether
Concen: 47.428 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.1	53.4	93.4
95	32.3	12.1	52.1

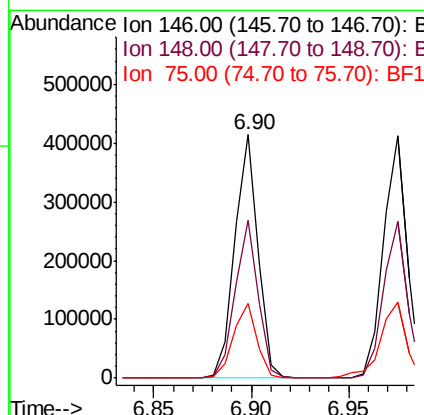
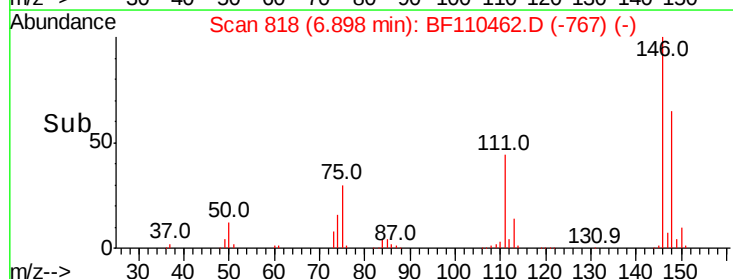
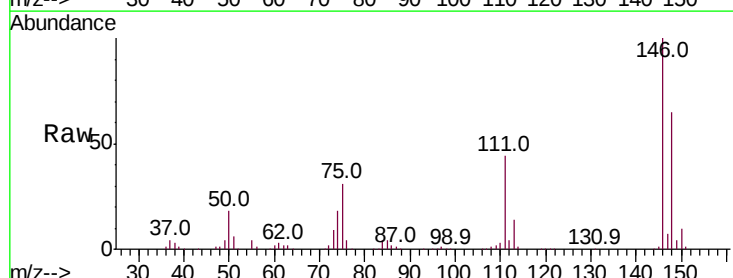
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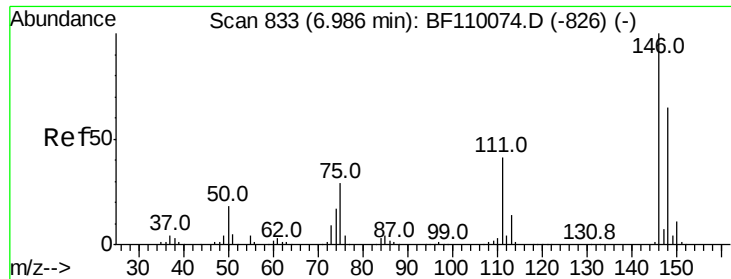
Sohil
11/6/2018 1:19:12 PM



#12
1,3-Dichlorobenzene
Concen: 46.656 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
75	30.7	25.8	38.6





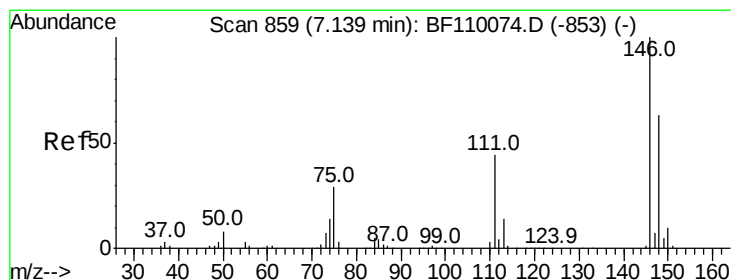
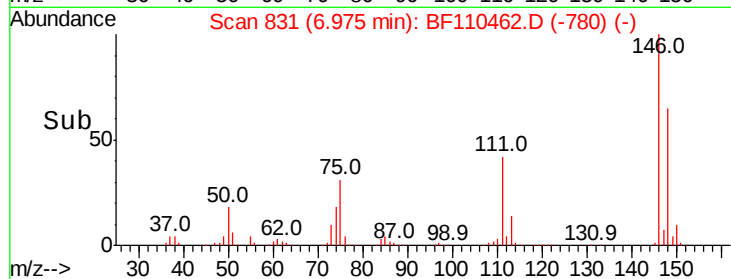
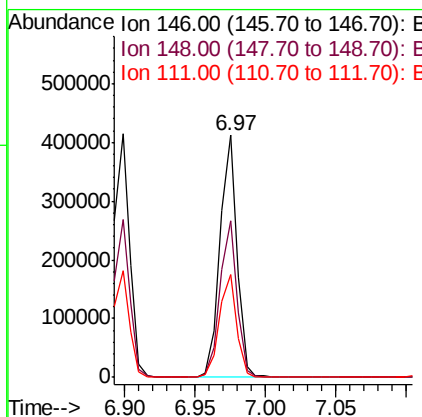
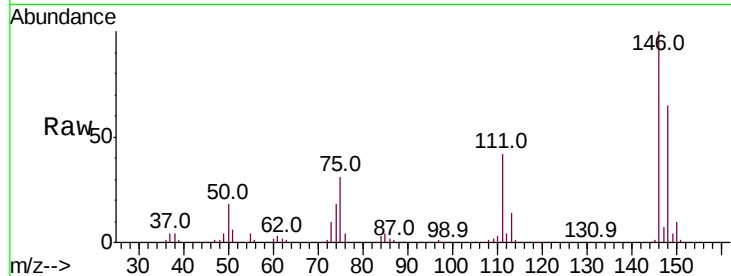
#13
 1,4-Dichlorobenzene
 Concen: 46.836 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Instrument :
 BNA_F
 ClientSampled :
 8BMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.3	75.5
111	42.3	32.7	49.1

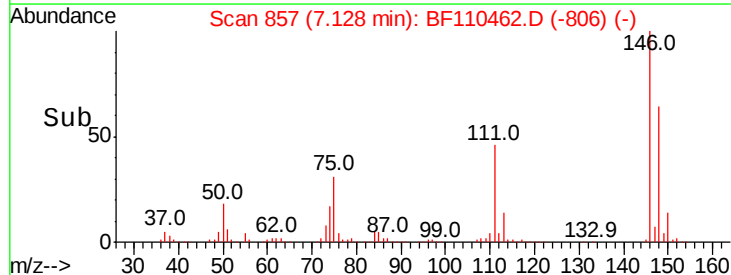
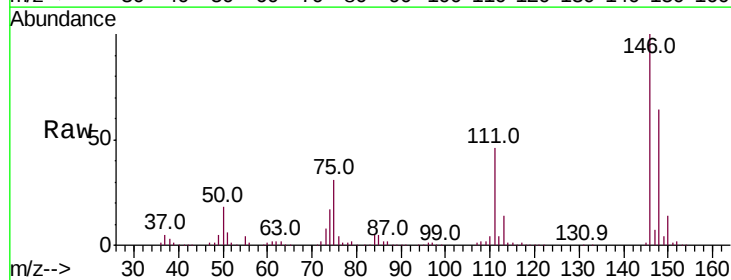
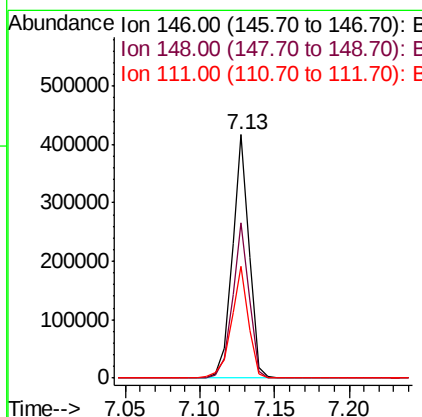
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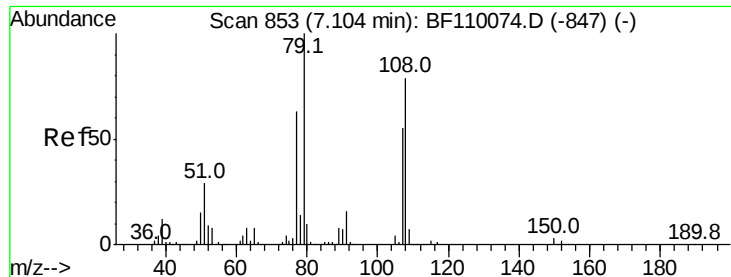
Sohil
 11/6/2018 1:19:12 PM



#14
 1,2-Dichlorobenzene
 Concen: 48.276 ng
 RT: 7.13 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.1	76.7
111	45.9	35.8	53.6





#15

Benzyl Alcohol

Concen: 52.797 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

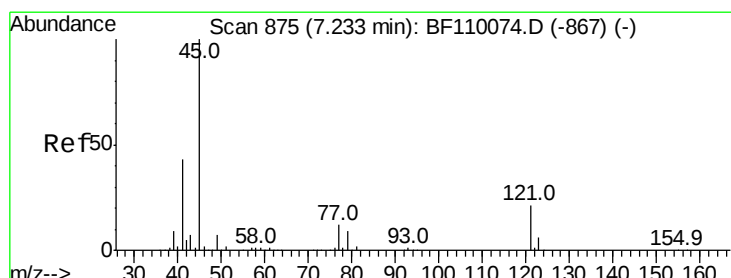
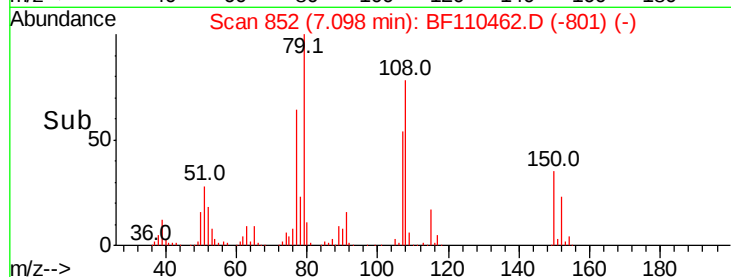
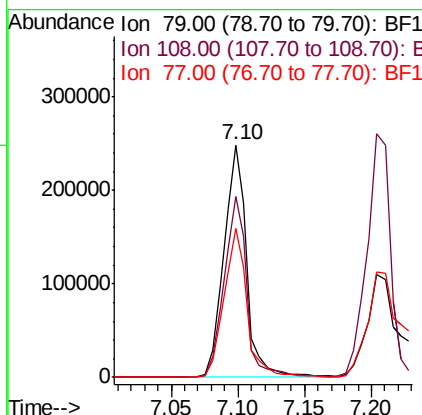
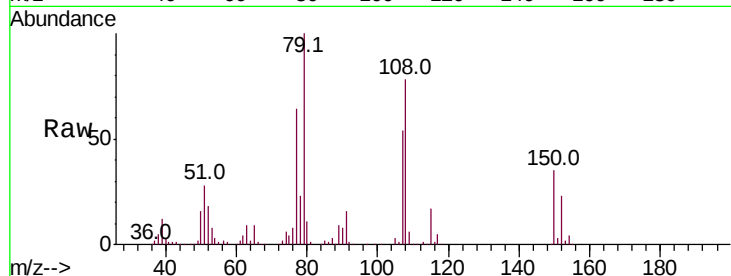
ClientSampled :

8BMSD

Tot Ion:	79	Resp:	299589
Ion Ratio	Lower	Upper	
79	100		
108	77.8	56.3	84.5
77	64.1	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.019 ng

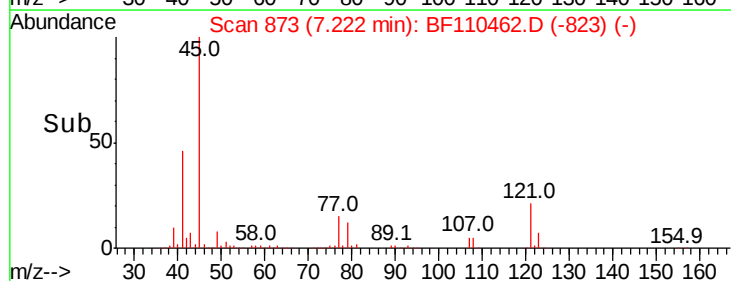
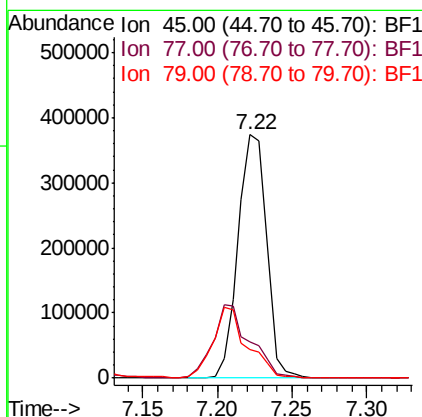
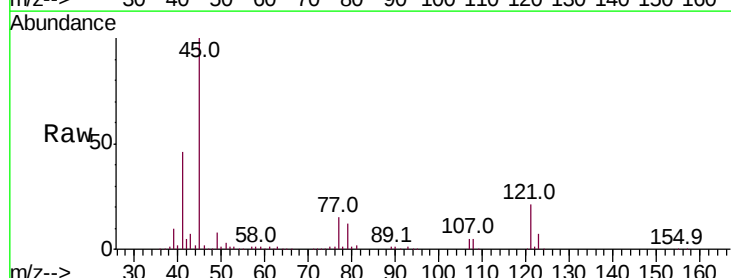
RT: 7.22 min Scan# 873

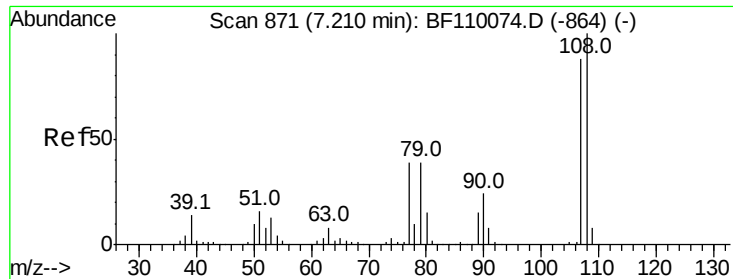
Delta R.T. -0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Tgt Ion:	45	Resp:	498141
Ion Ratio	Lower	Upper	
45	100		
77	15.0	10.0	50.0
79	11.7	6.1	46.1





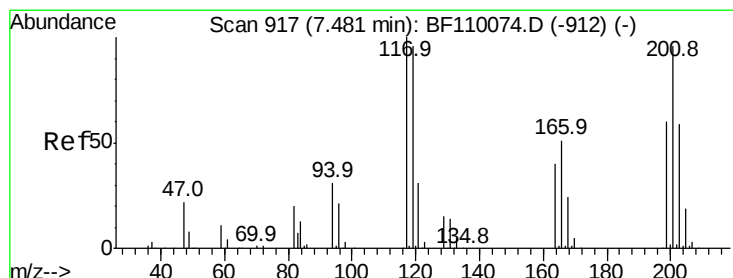
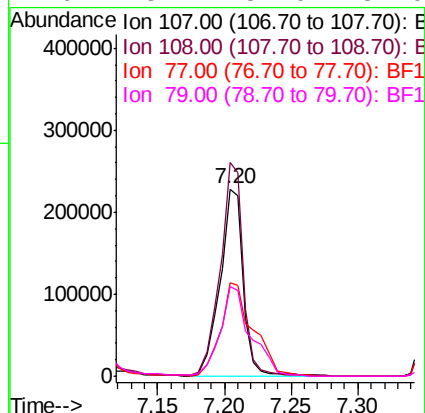
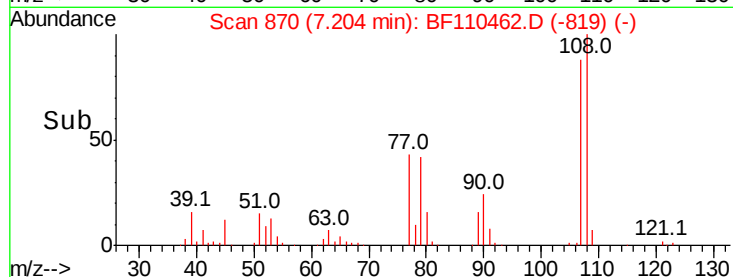
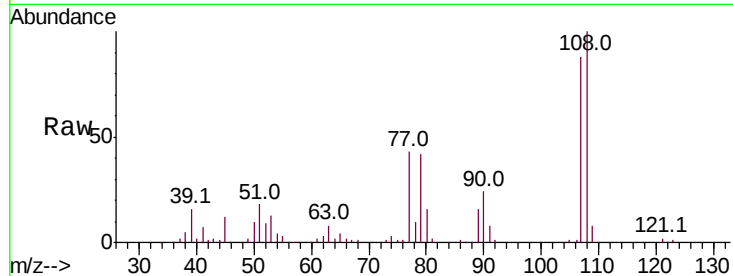
#17
2-Methylphenol
Concen: 52.426 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	277851		
108	114.2	92.6	138.8	
77	49.7	59.4	89.2#	
79	48.1	54.0	81.0#	

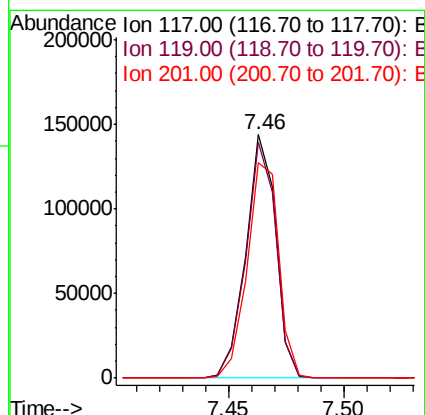
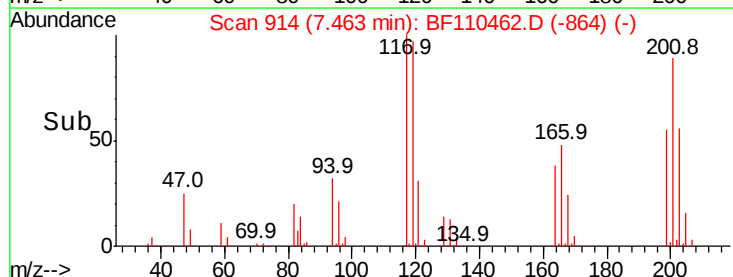
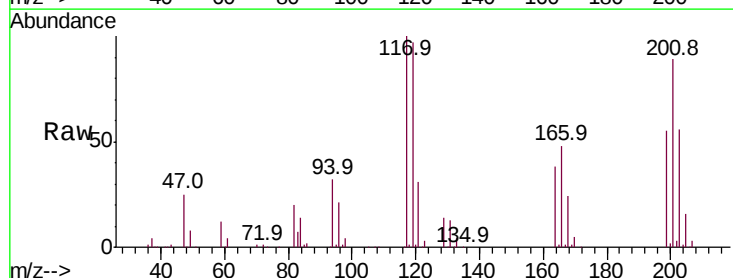
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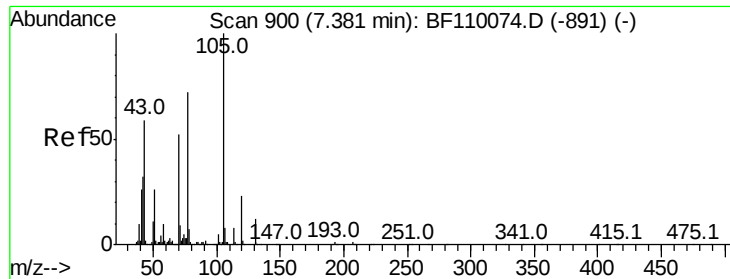
Sohil
11/6/2018 1:19:12 PM



#18
Hexachloroethane
Concen: 48.410 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	131182		
119	97.2	75.0	112.6	
201	88.7	79.2	118.8	





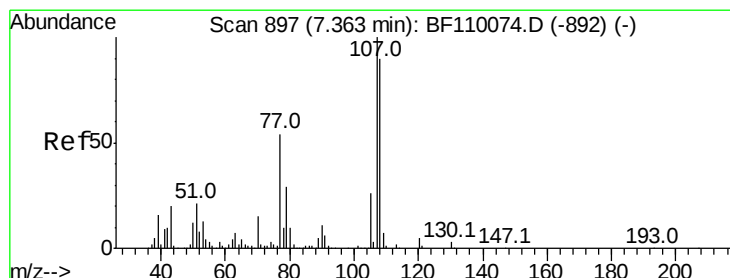
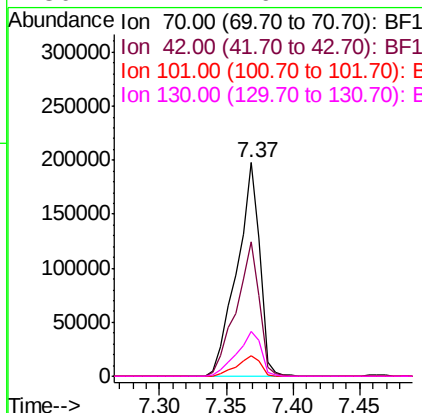
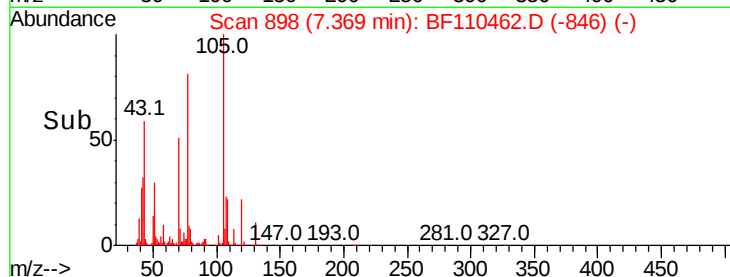
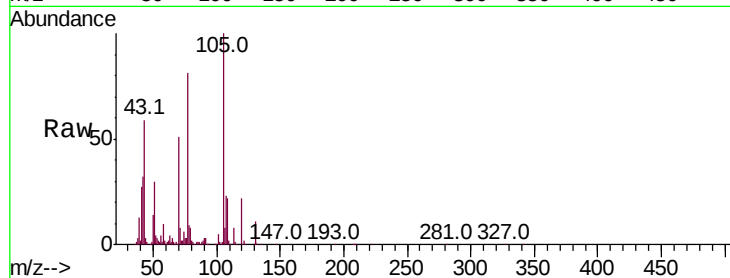
#19
n-Nitroso-di-n-propylamine
Concen: 49.858 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :
8BMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.8	47.4	71.2
101	9.5	7.3	10.9
130	21.2	16.2	24.2

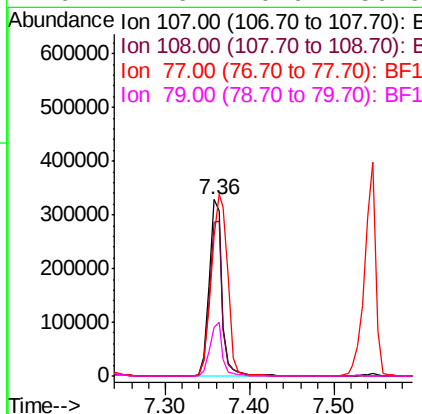
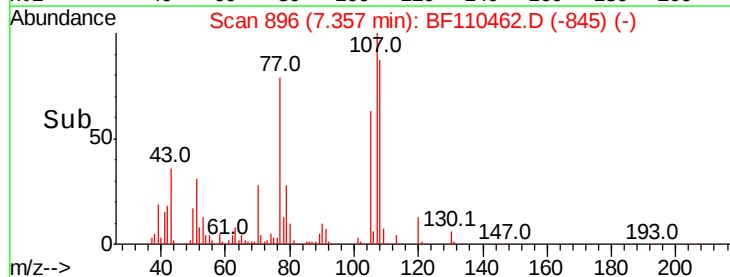
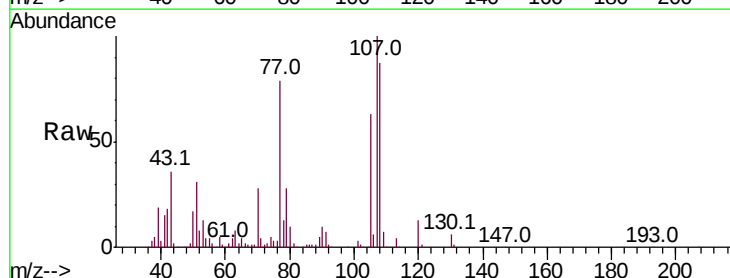
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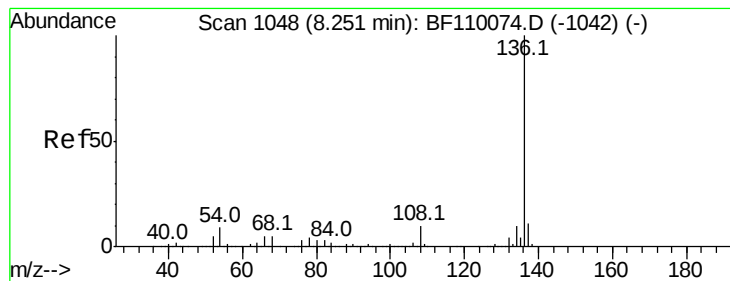
Sohil
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#20
3+4-Methylphenols
Concen: 51.106 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.4	71.4	111.4
77	79.5	47.3	87.3
79	27.6	10.9	50.9





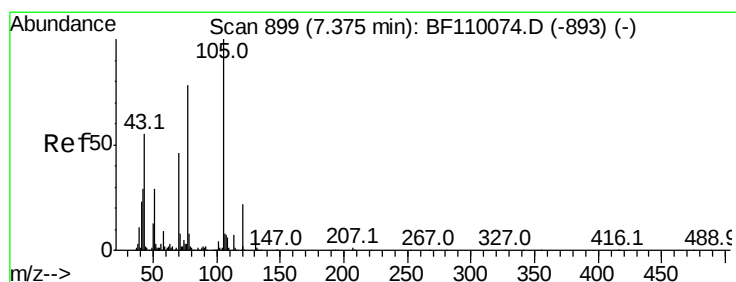
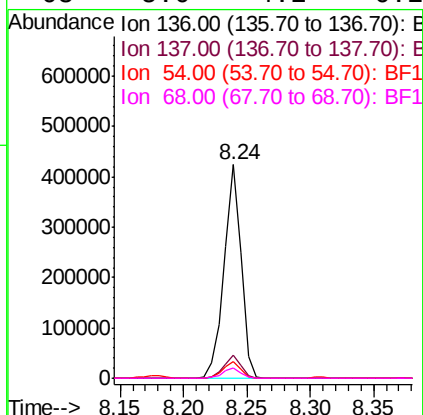
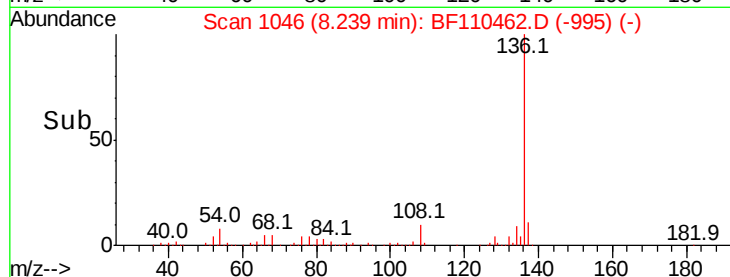
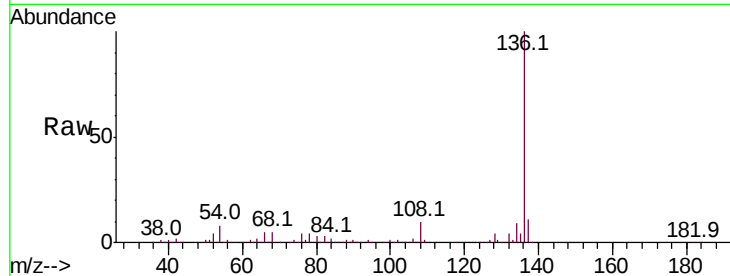
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.8	13.2	
54	8.1	5.4	8.2	
68	5.0	4.2	6.2	

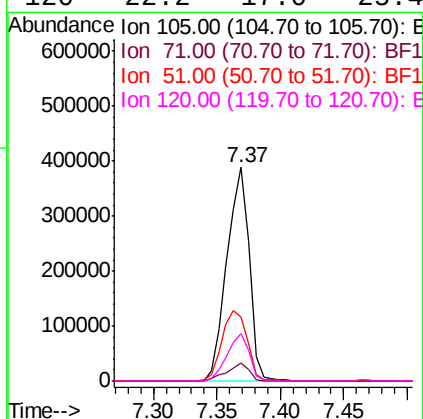
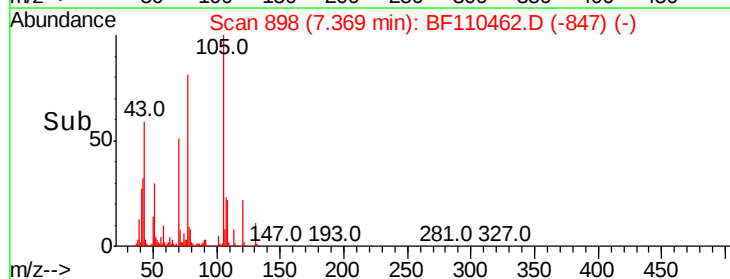
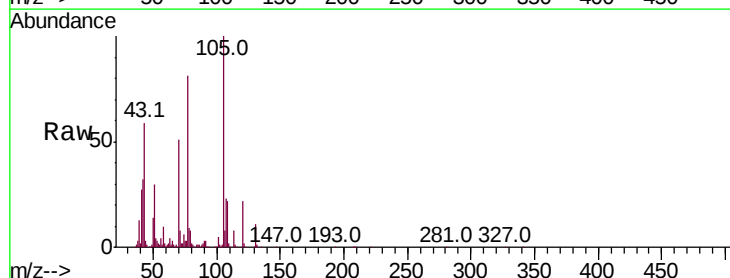
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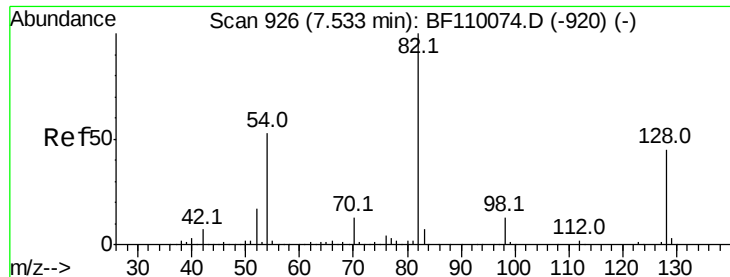
Sohil
11/6/2018 1:19:12 PM



#22
Acetophenone
Concen: 51.556 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.1	5.2	7.8#	
51	29.9	21.8	32.8	
120	22.2	17.0	25.4	





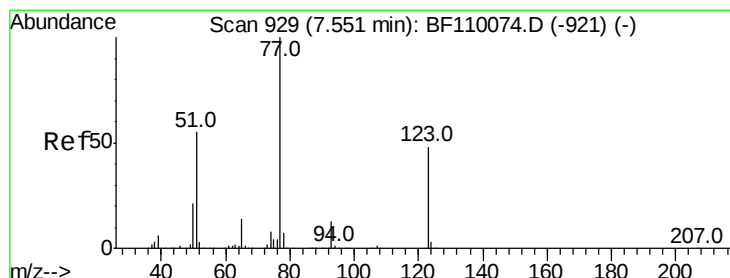
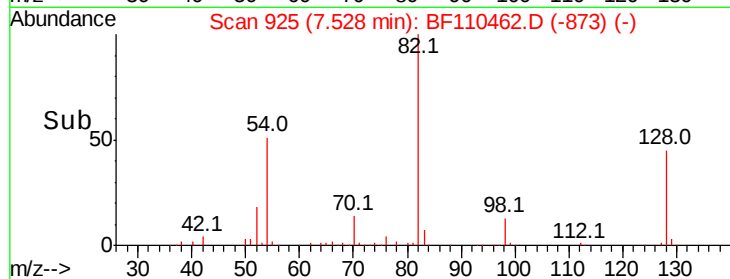
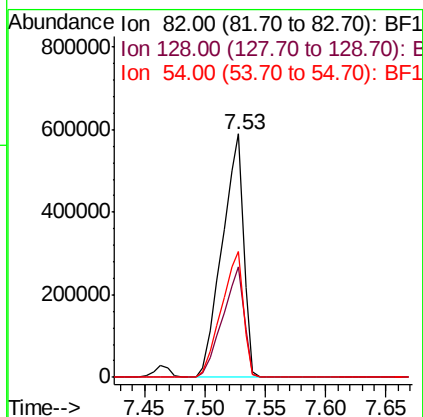
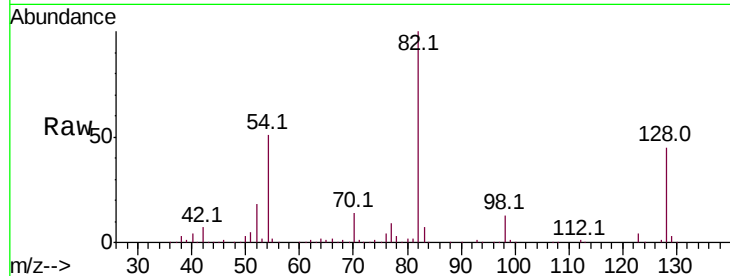
#23
 Nitrobenzene-d5
 Concen: 108.286 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Instrument :
 BNA_F
 ClientSampled :
 8BMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	34.2	51.2	
54	51.4	38.6	58.0	

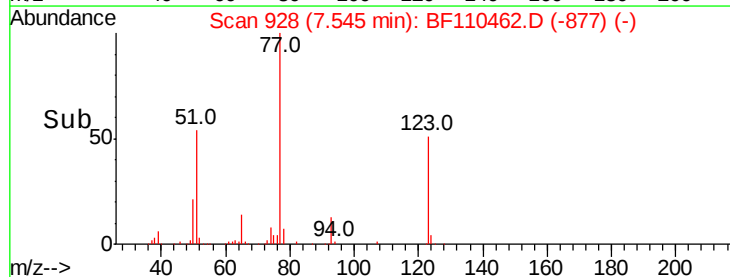
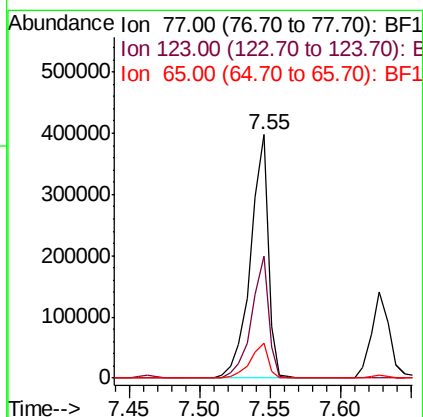
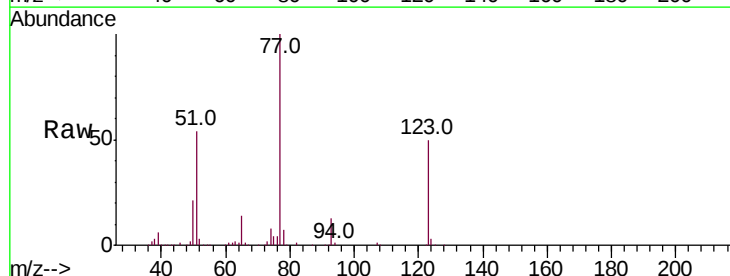
Manual Integrations
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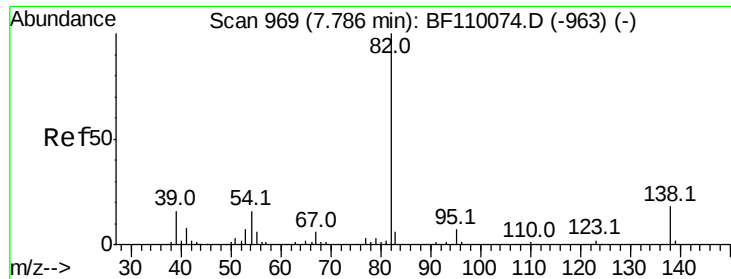
Sohil
 11/6/2018 1:19:12 PM



#24
 Nitrobenzene
 Concen: 50.717 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.3	35.7	53.5	
65	14.3	10.7	16.1	





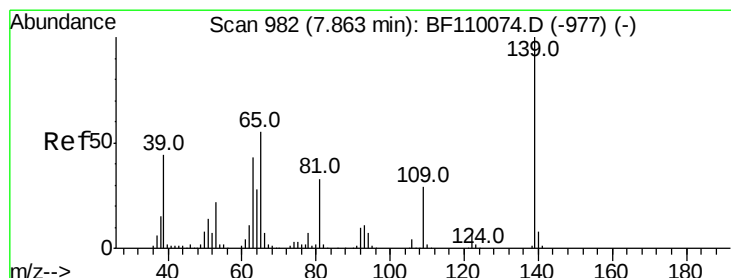
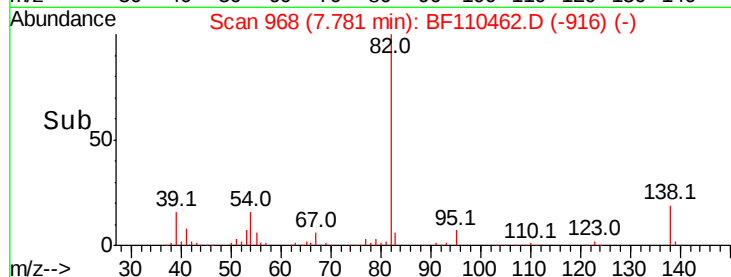
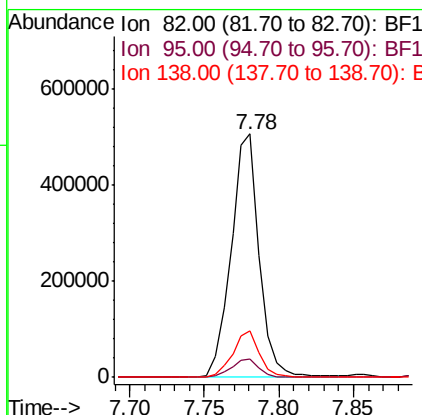
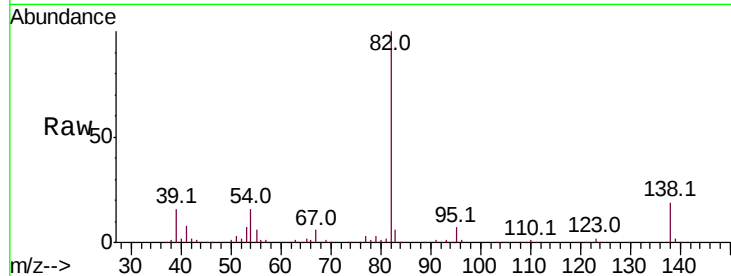
#25
Isophorone
Concen: 58.361 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :
8BMSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.7	8.5
138	19.0	13.2	19.8

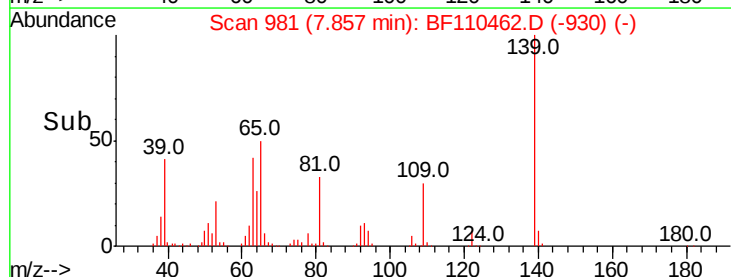
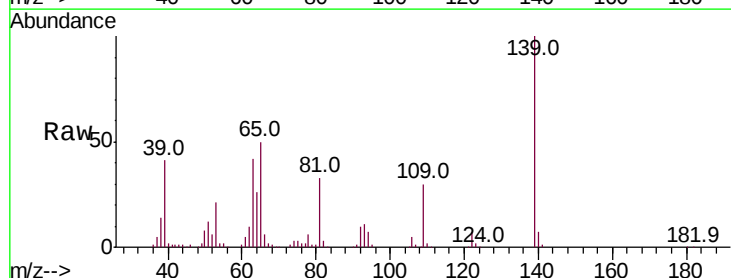
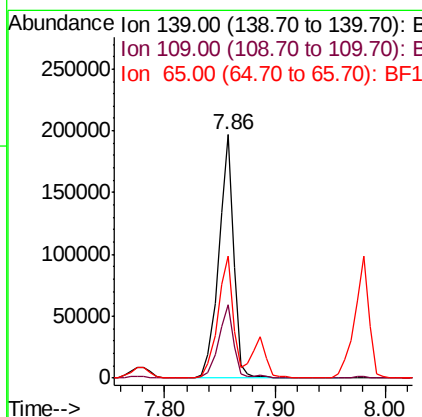
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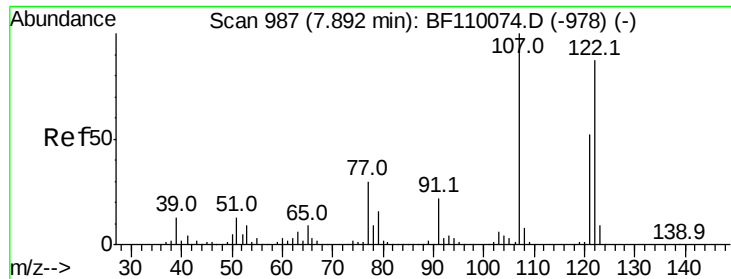
Sohil
11/6/2018 1:19:12 PM



#26
2-Nitrophenol
Concen: 56.106 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.0	25.0	37.6
65	49.9	44.0	66.0





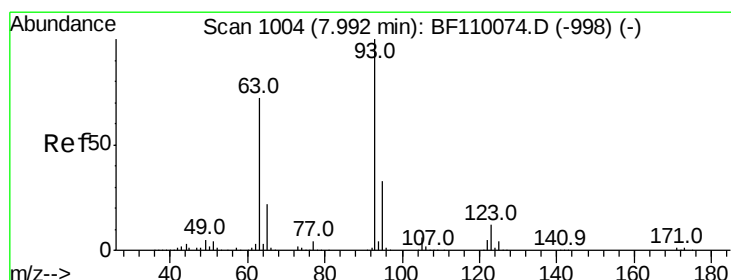
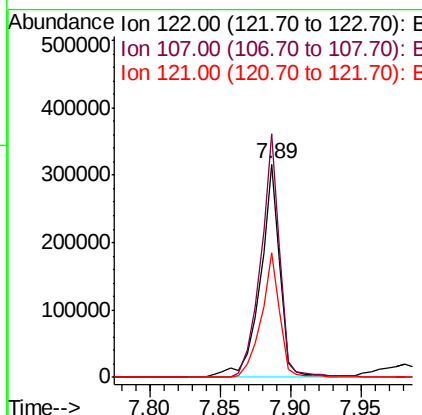
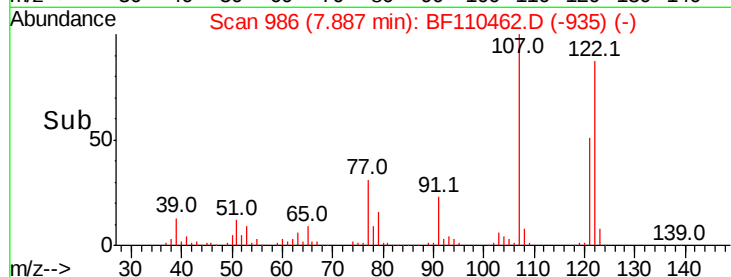
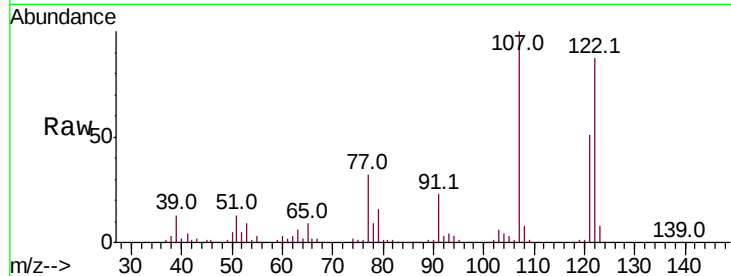
#27
2,4-Dimethylphenol
Concen: 56.663 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.4	92.5	138.7
121	58.4	45.8	68.8

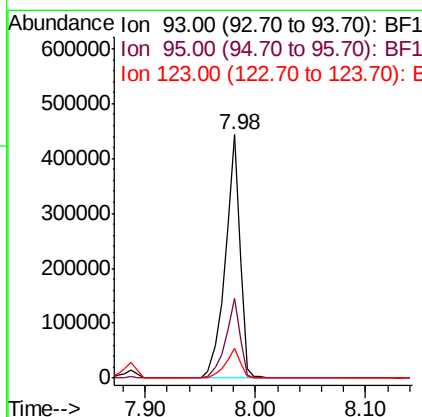
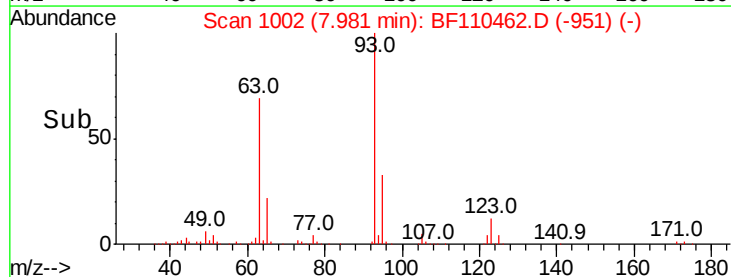
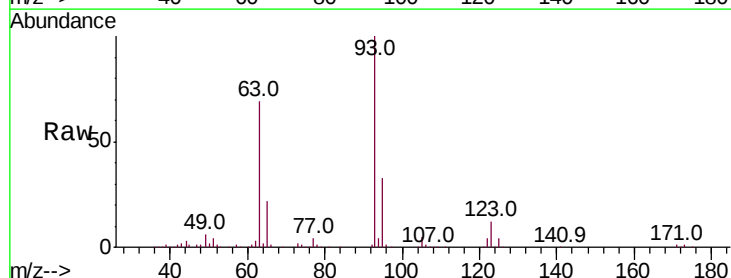
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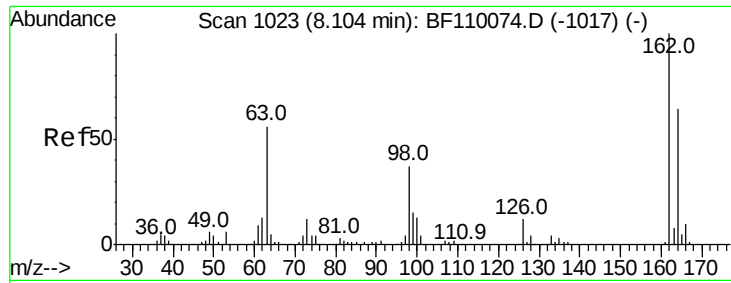
Sohil
11/6/2018 1:19:12 PM



#28
bis(2-Chloroethoxy)methane
Concen: 53.239 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.4	39.6
123	12.0	9.0	13.6





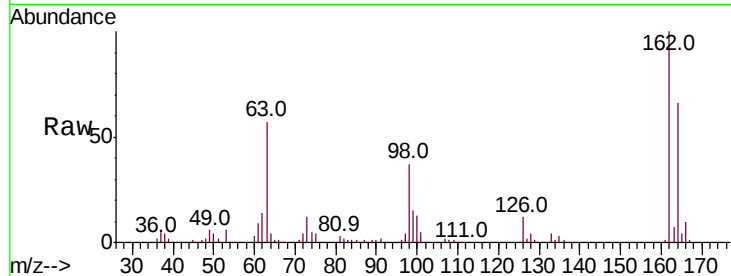
#29
 2,4-Dichlorophenol
 Concen: 53.264 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Instrument :
 BNA_F
 ClientSampled :
 8BMSD

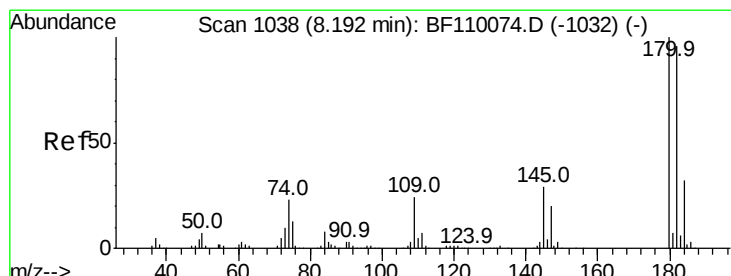
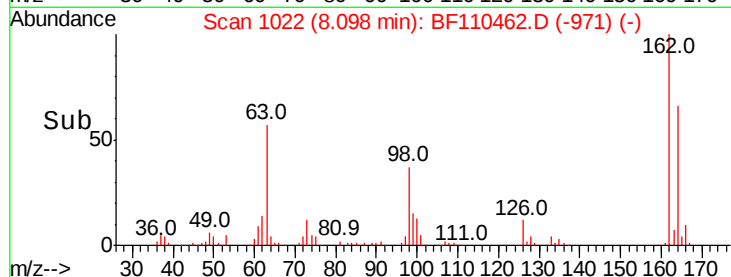
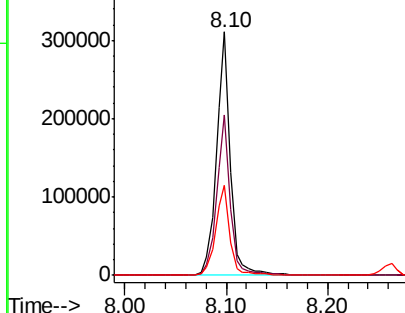
Tot Ion:	162	Resp:	294247
Ion Ratio	Lower	Upper	
162	100		
164	65.8	44.6	84.6
98	37.1	17.4	57.4

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 11/6/2018 1:19:12 PM



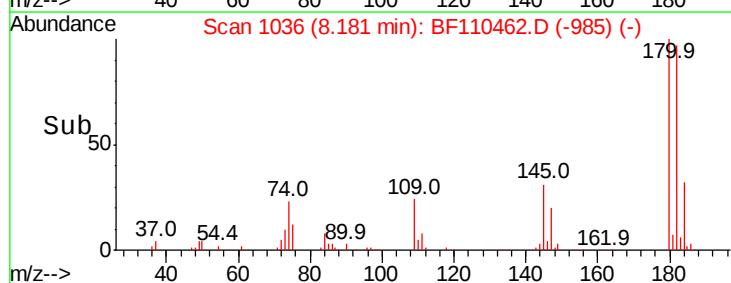
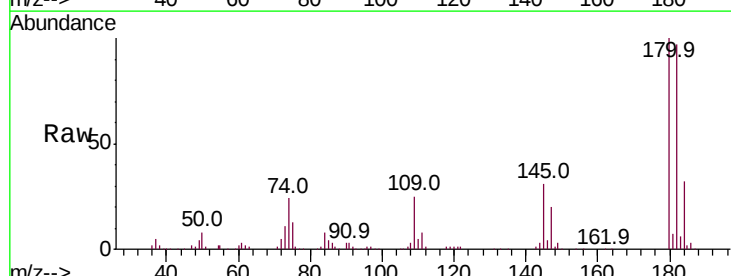
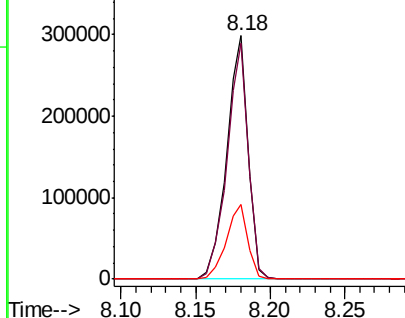
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

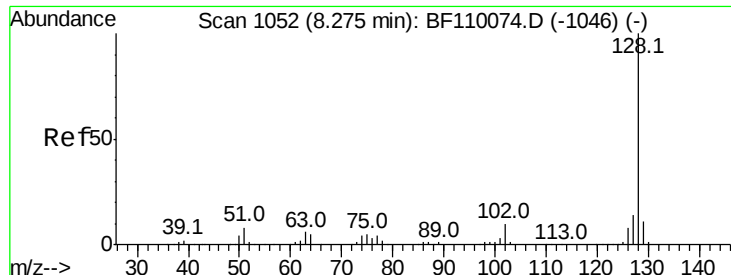


#30
 1,2,4-Trichlorobenzene
 Concen: 48.990 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion:	180	Resp:	303145
Ion Ratio	Lower	Upper	
180	100		
182	96.7	80.3	120.5
145	30.7	25.4	38.0

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





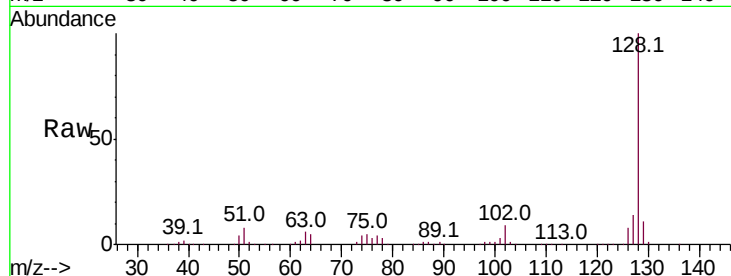
#31
Naphthalene
Concen: 53.612 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

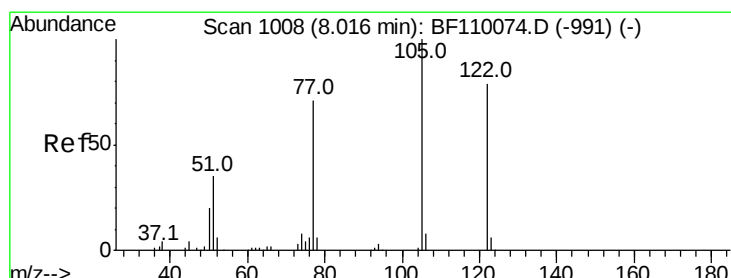
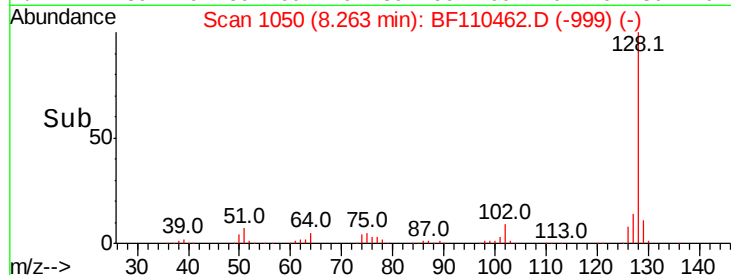
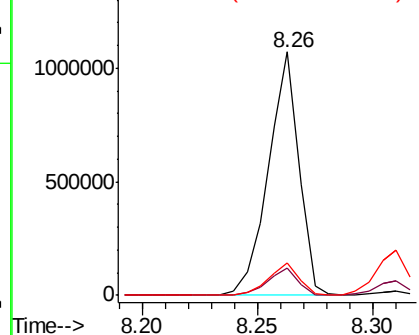
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	8.8	13.2	
127	13.5	10.8	16.2	

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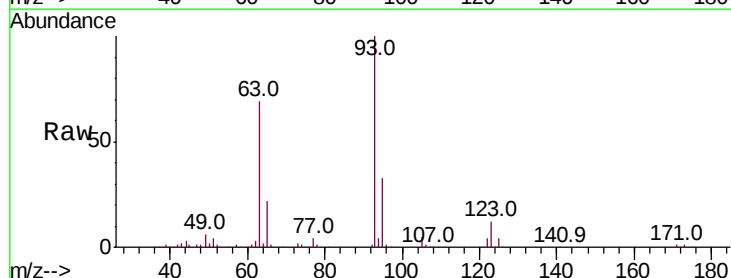


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

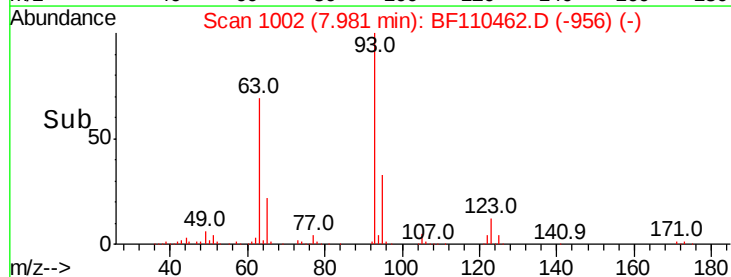
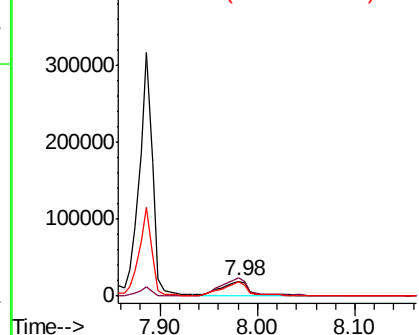


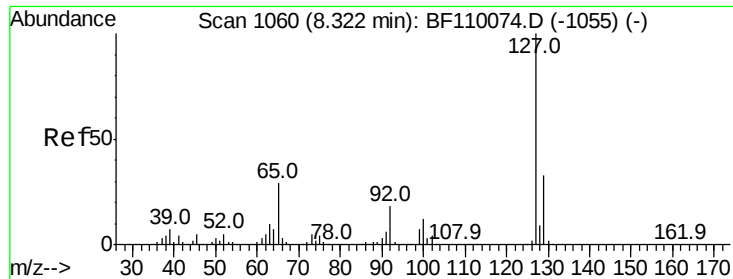
#32
Benzoic acid
Concen: 9.583 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.03 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.7	109.0	149.0	
77	97.6	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





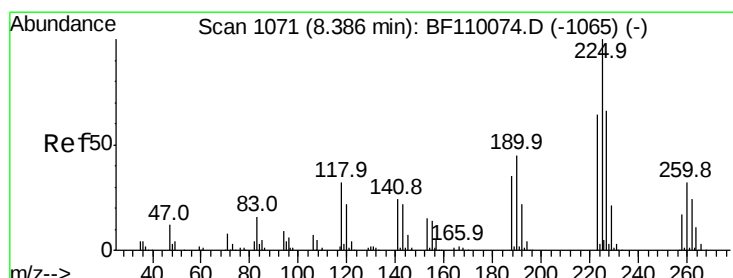
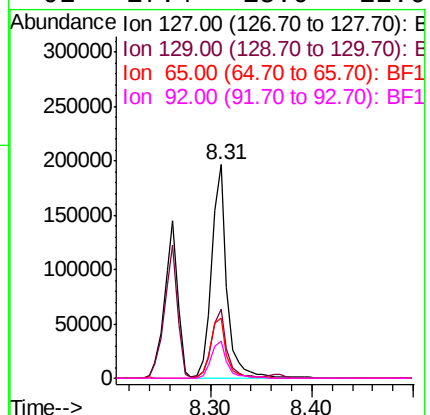
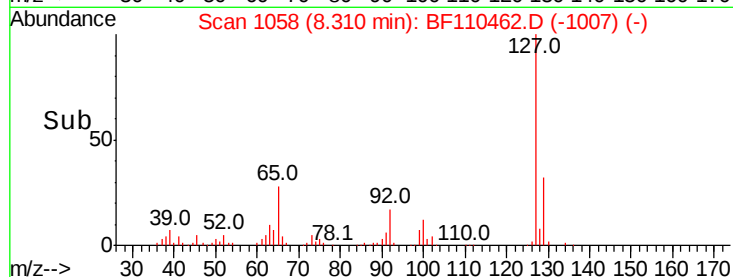
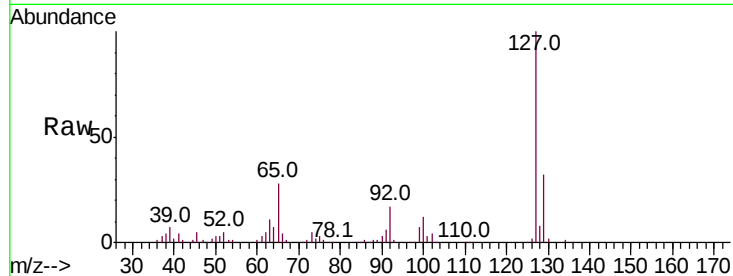
#33
4-Chloroaniline
Concen: 24.941 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :
8BMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	26.0	39.0	
65	28.4	25.1	37.7	
92	17.4	15.0	22.6	

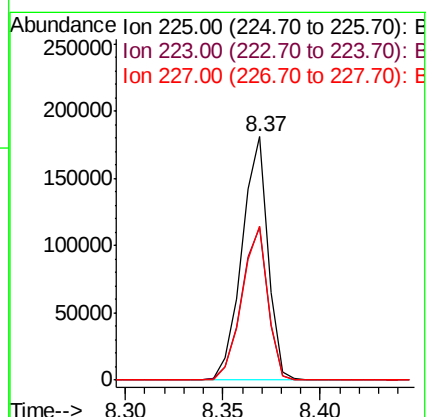
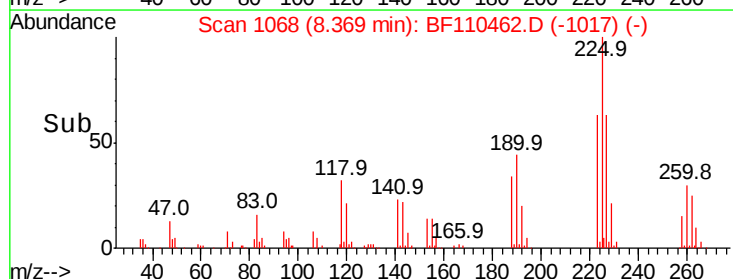
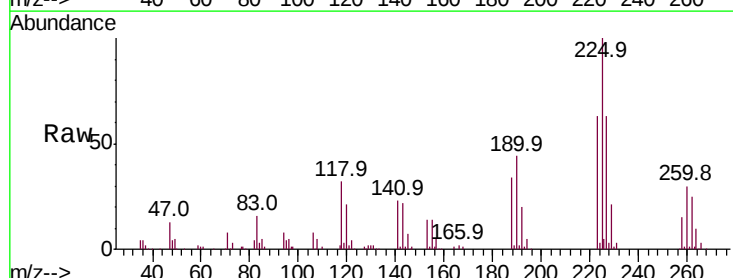
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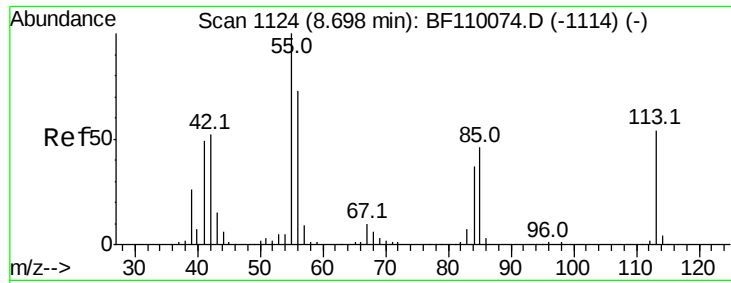
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#34
Hexachlorobutadiene
Concen: 48.736 ng
RT: 8.37 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	51.4	77.2	
227	63.2	51.0	76.6	





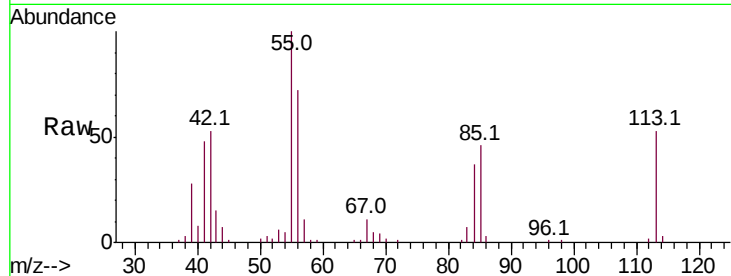
#35
 Caprolactam
 Concen: 51.502 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Instrument :
 BNA_F
 ClientSampleID :
 8BMSD

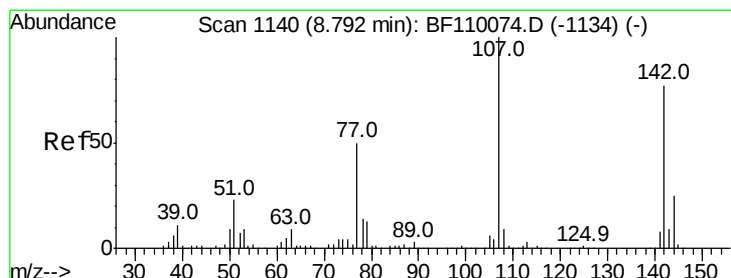
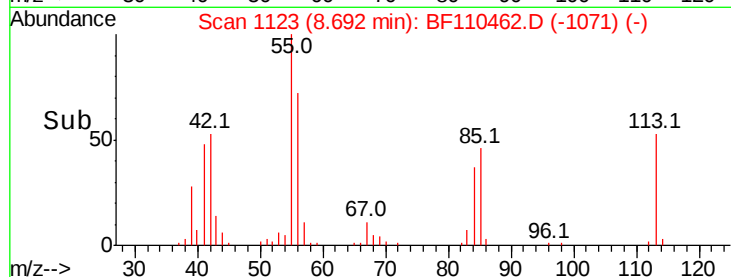
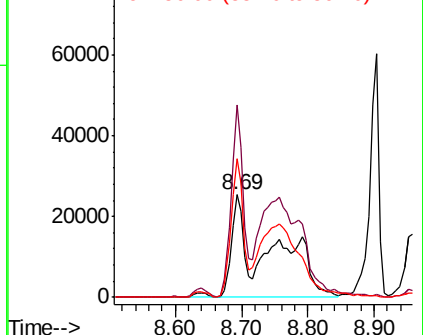
Tot Ion:113 Resp: 99165
 Ion Ratio Lower Upper
 113 100
 55 187.8 142.8 182.8#
 56 134.8 105.0 145.0

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 11/6/2018 1:19:12 PM

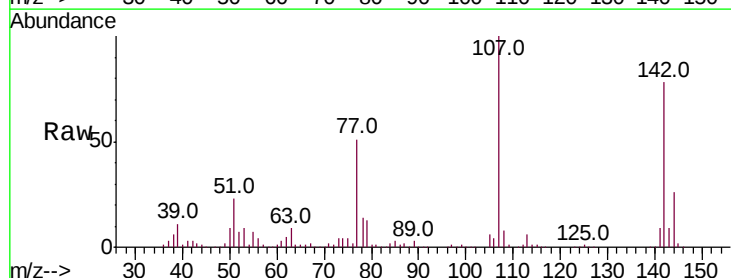


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

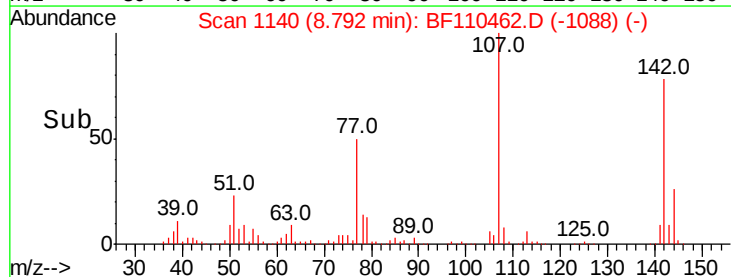
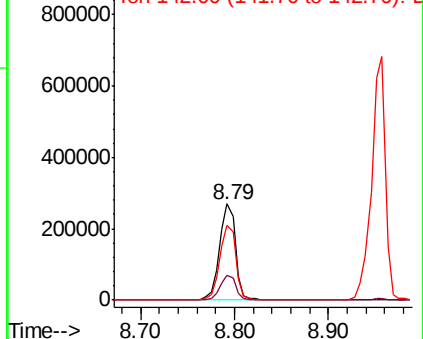


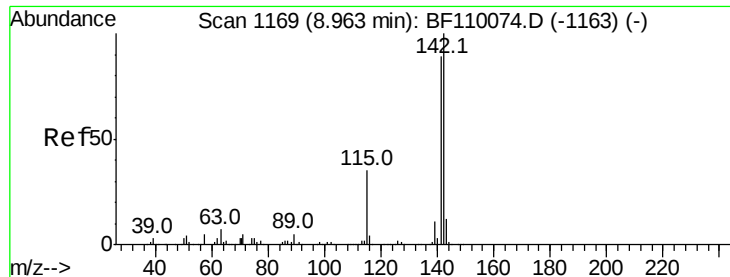
#36
 4-Chloro-3-methylphenol
 Concen: 54.260 ng/ml
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion:107 Resp: 324140
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.0 30.0
 142 78.1 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





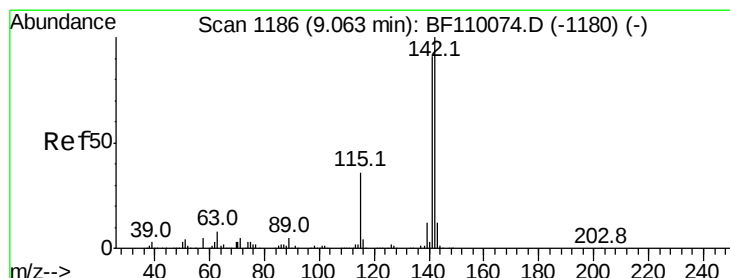
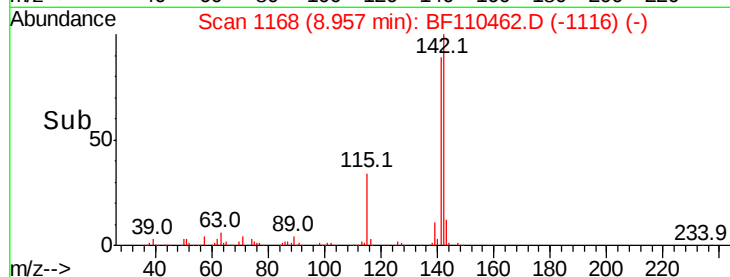
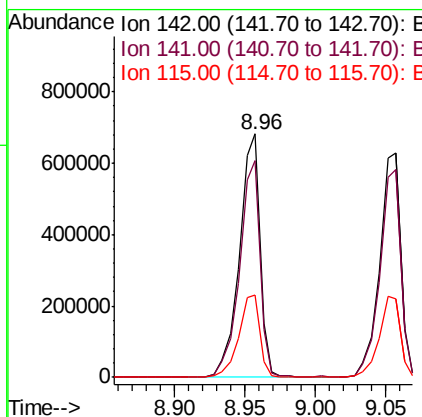
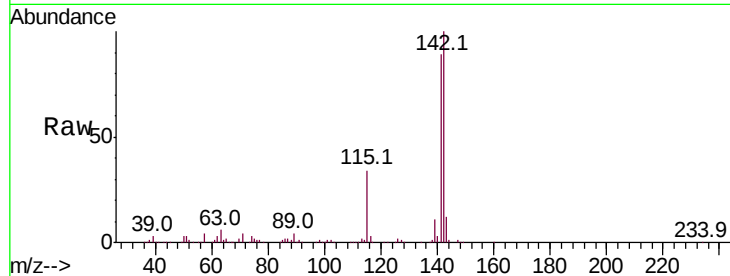
#37
2-Methylnaphthalene
Concen: 57.246 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	695073		
141	89.1		71.4	107.2
115	34.1		28.7	43.1

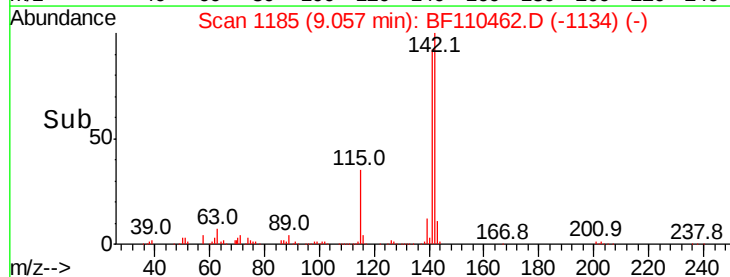
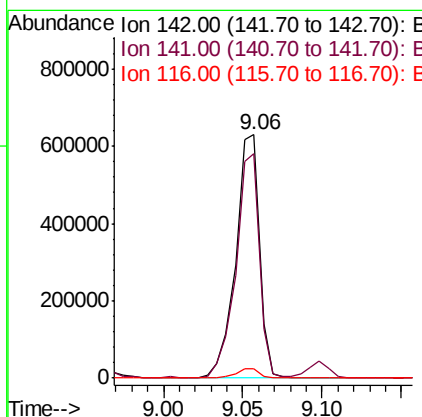
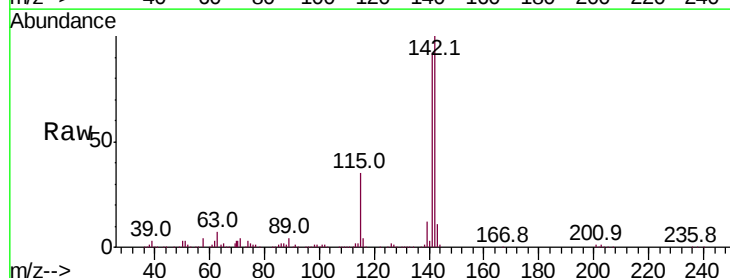
Manual Integrations
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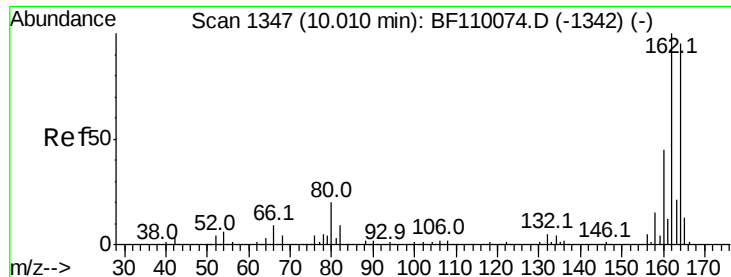
Sohil
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#38
1-Methylnaphthalene
Concen: 55.733 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	653939		
141	92.1		74.2	111.4
116	3.6		2.6	4.0





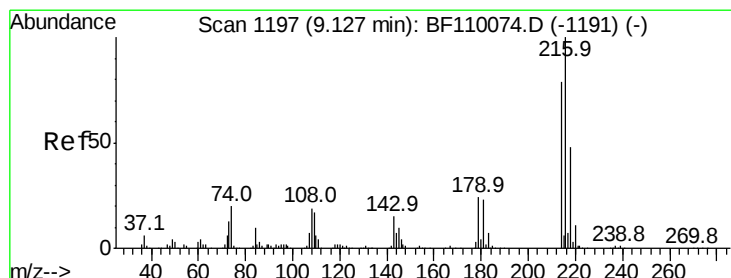
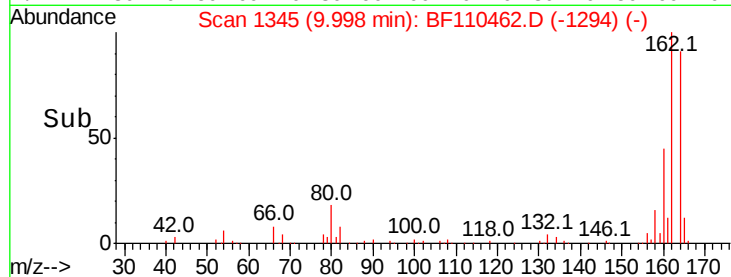
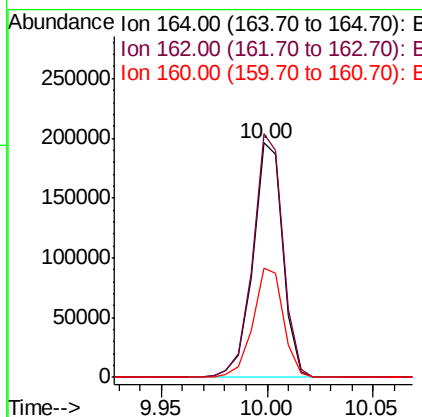
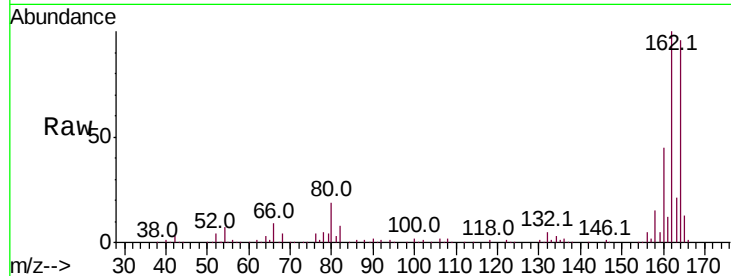
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.0	124.6
160	46.3	37.0	55.6

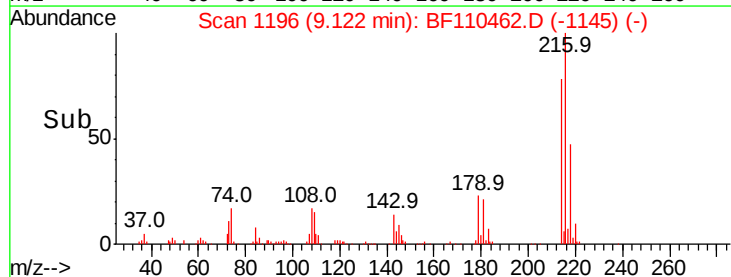
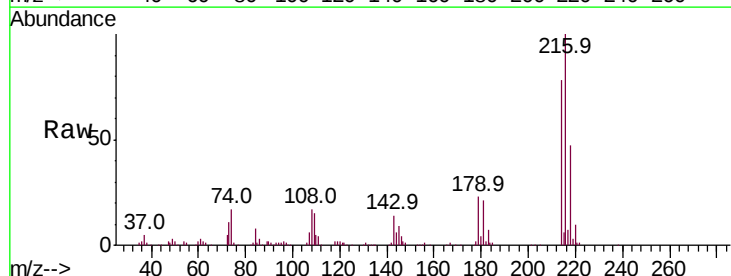
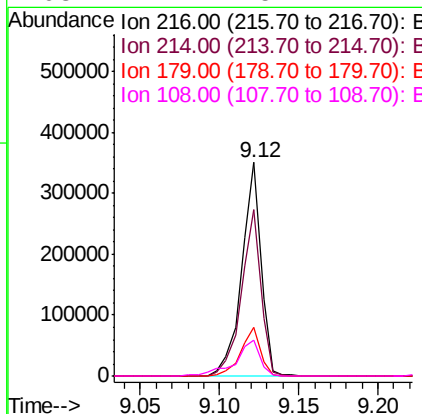
Manual Integrations
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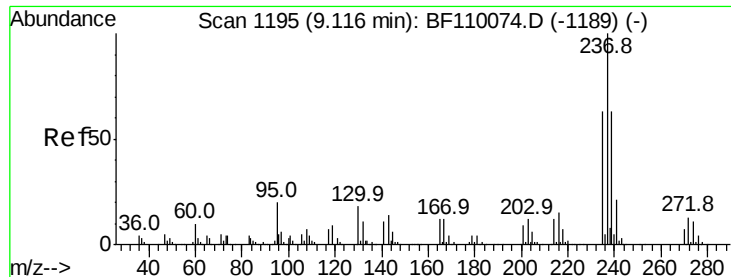
Sohil
11/6/2018 1:19:12 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.214 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.6
179	23.0	16.6	25.0
108	21.1	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 90.667 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

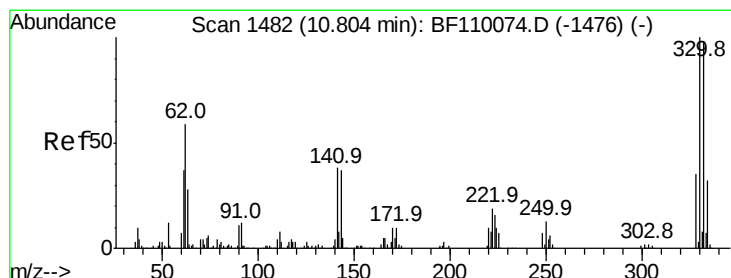
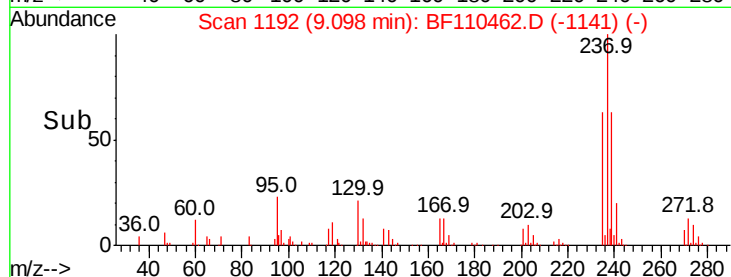
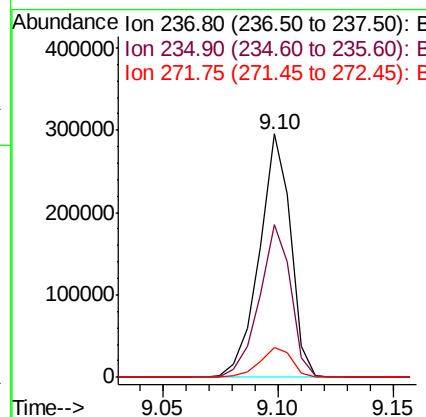
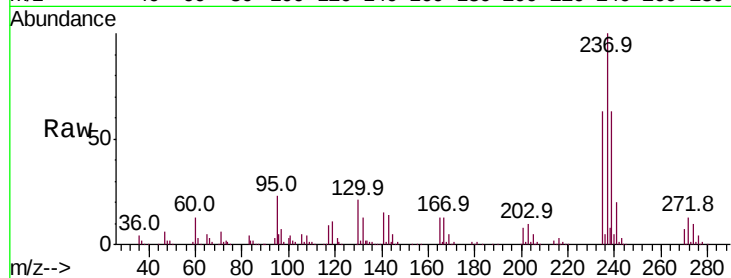
ClientSampled :

8BMSD

Tot Ion:	237	Resp:	279350
Ion Ratio	Lower	Upper	
237	100		
235	62.6	43.1	83.1
272	12.5	0.0	32.6

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11/6/2018 1:19:12 PM



#42

2,4,6-Tribromophenol

Concen: 152.730 ng

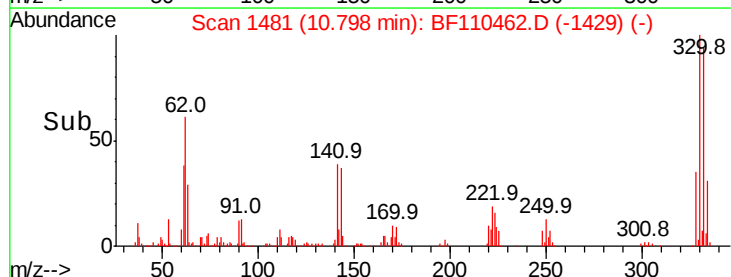
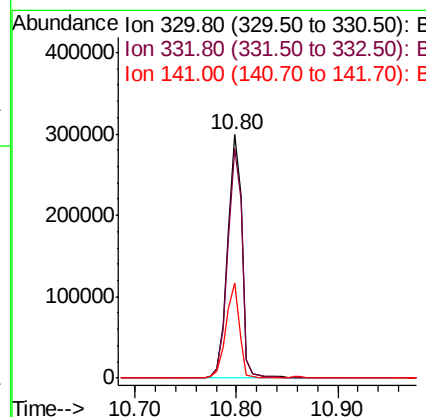
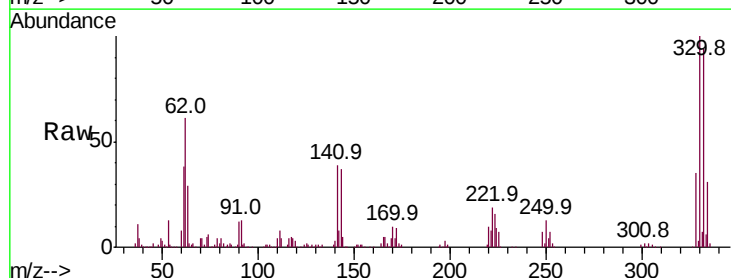
RT: 10.80 min Scan# 1481

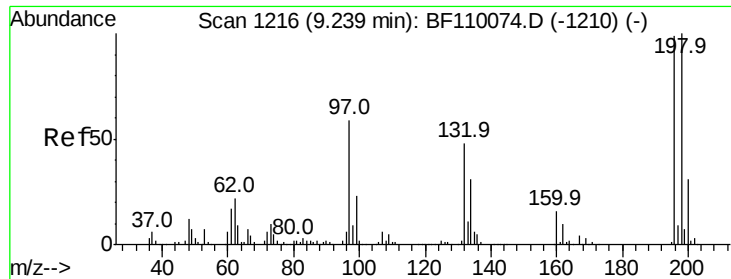
Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Tgt Ion:	330	Resp:	292574
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.1	115.7
141	37.2	27.0	40.4





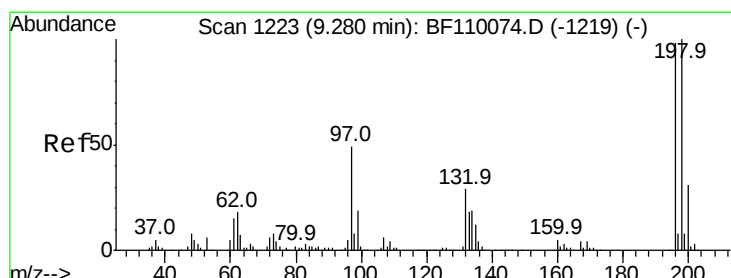
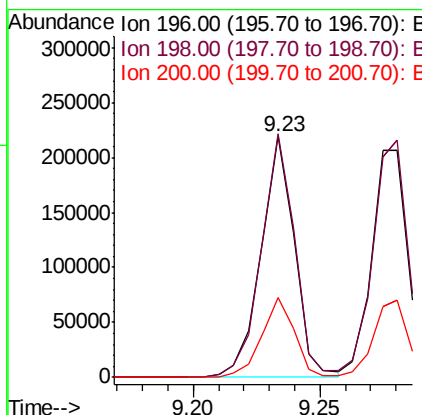
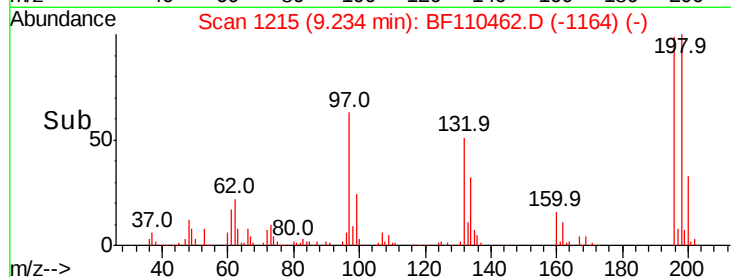
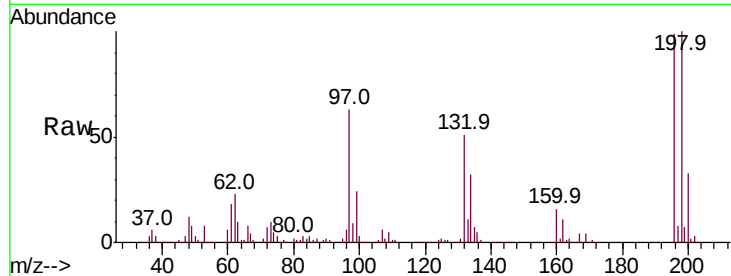
#43
 2,4,6-Trichlorophenol
 Concen: 51.827 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Instrument :
 BNA_F
 ClientSampled :
 8BMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	201423		
198	101.2	76.2	114.4	
200	33.0	24.4	36.6	

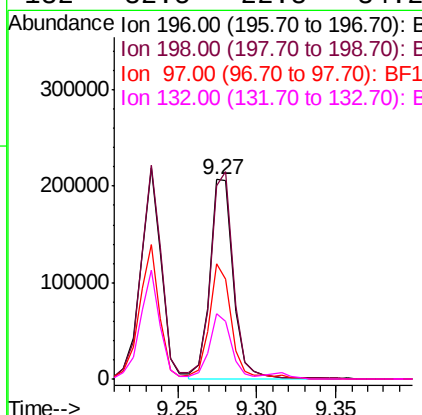
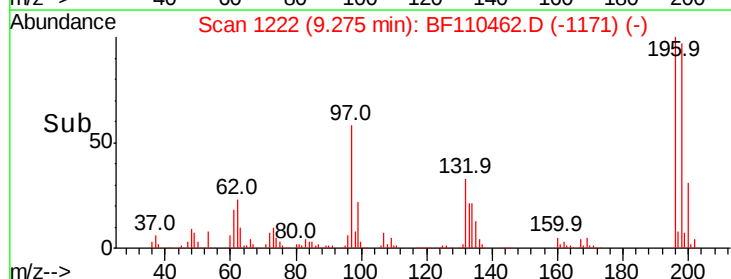
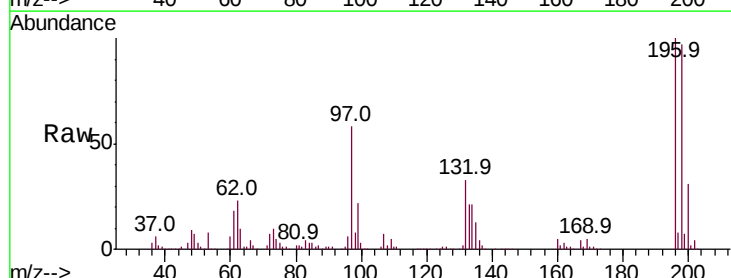
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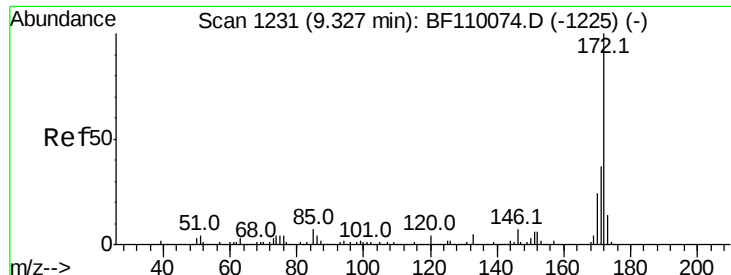
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 11/6/2018 1:19:12 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.938 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	213367		
198	97.2	75.8	113.6	
97	57.9	42.4	63.6	
132	32.5	22.8	34.2	





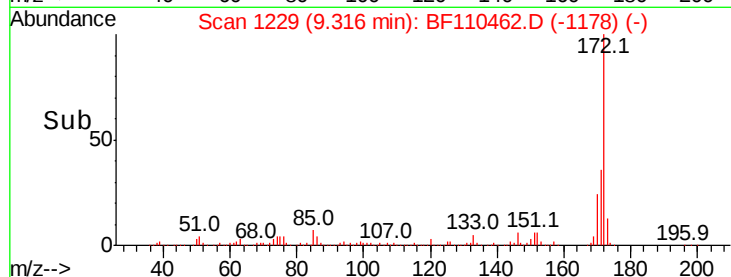
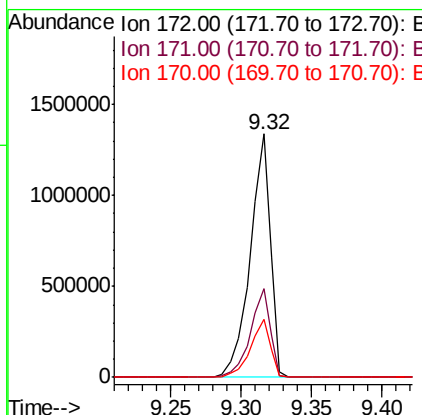
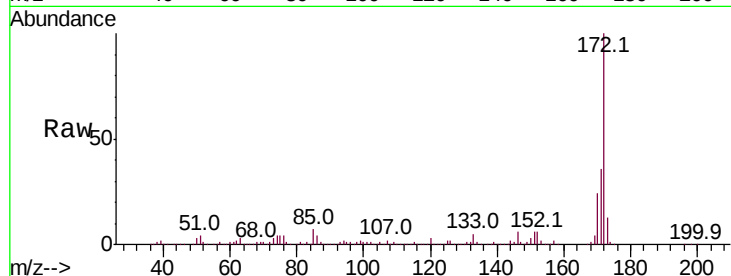
#45
2-Fluorobiphenyl
Concen: 109.392 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :
8BMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.8	19.7	29.5

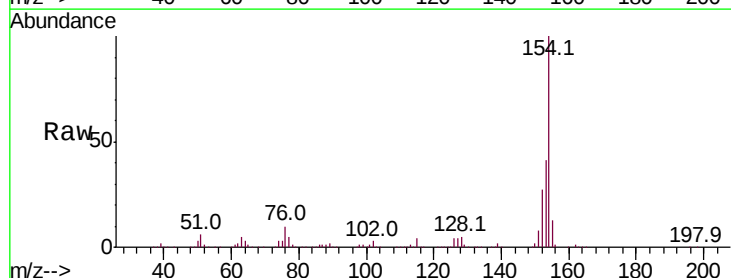
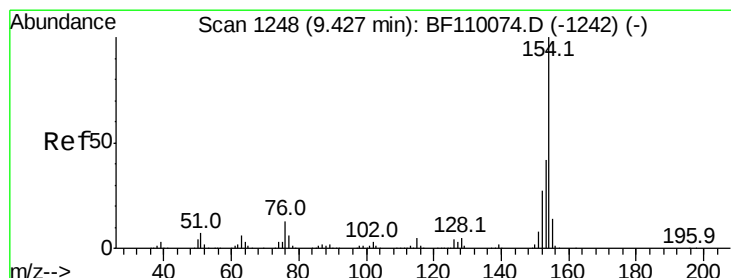
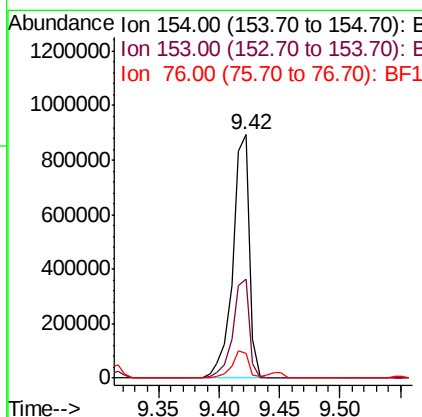
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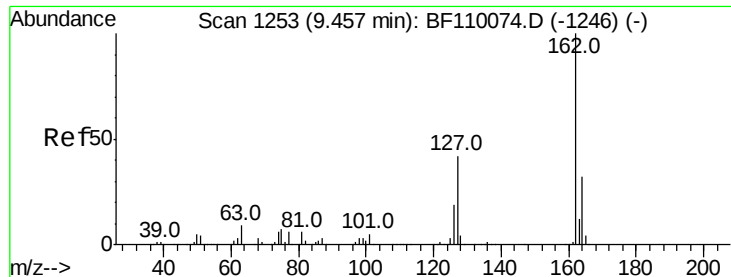
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11/6/2018 1:19:12 PM



#46
1,1'-Biphenyl
Concen: 48.702 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	10.3	0.0	31.9





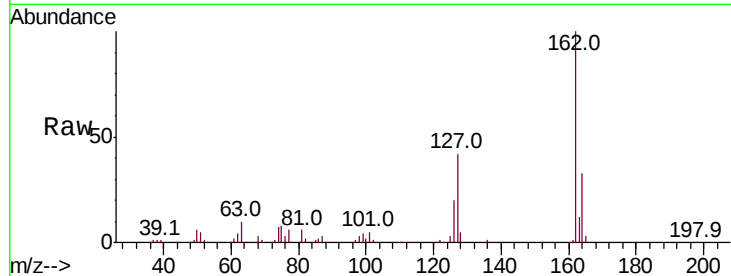
#47
2-Chloronaphthalene
Concen: 50.029 ng
RT: 9.45 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	641771		
127	42.3		32.6	48.8
164	32.6		25.9	38.9

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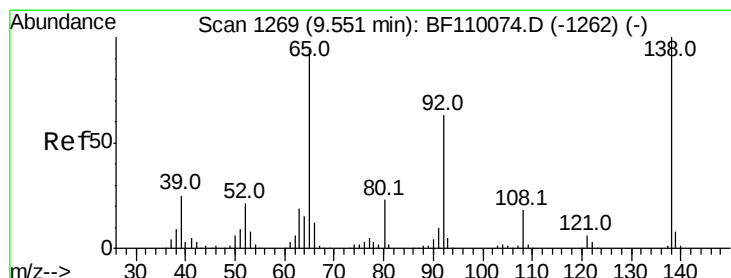
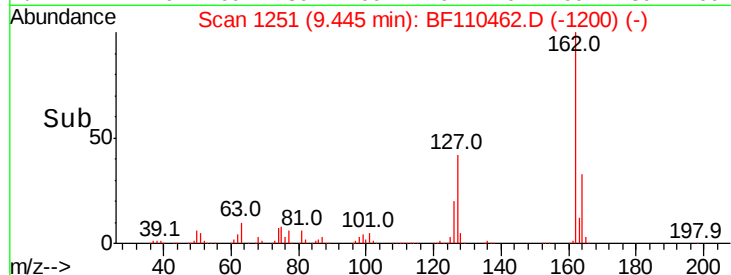
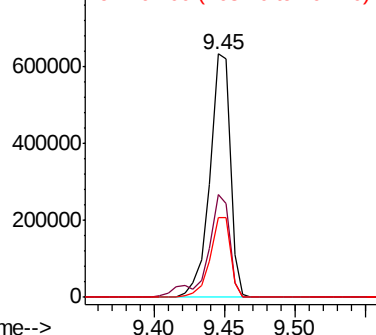


Abundance

Ion 162.00 (161.70 to 162.70): E

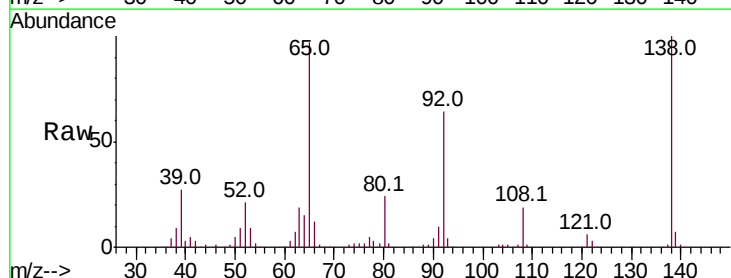
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 53.400 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	207578		
92	66.0		54.6	81.8
138	103.0		80.3	120.5

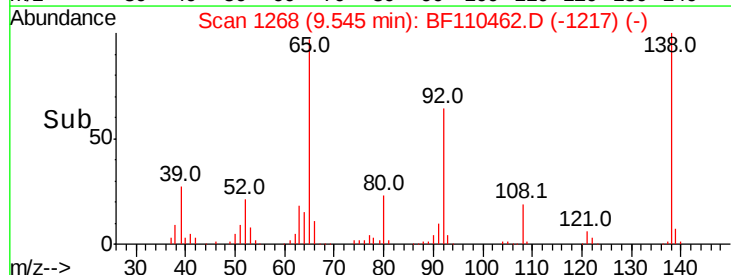
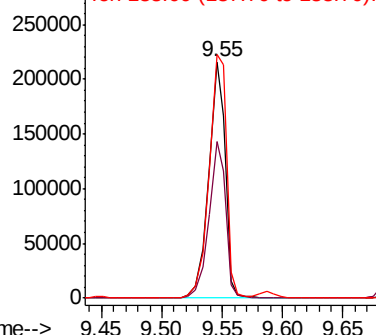


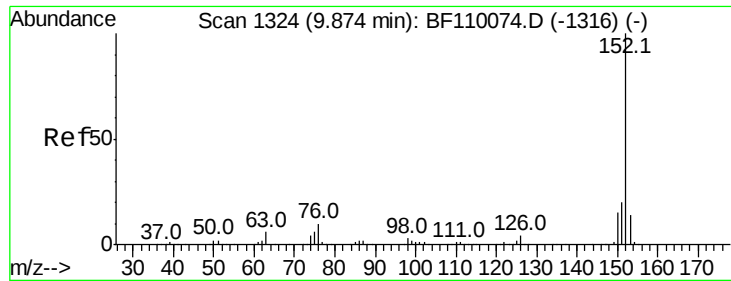
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





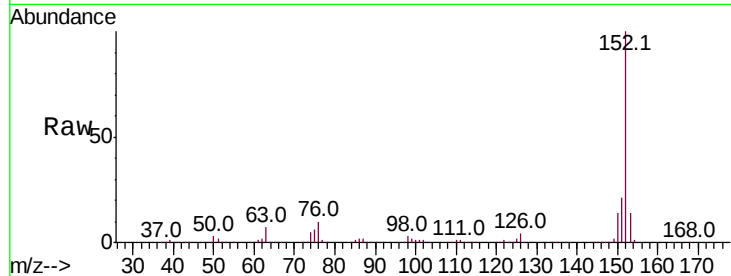
#49
Acenaphthylene
Concen: 53.566 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

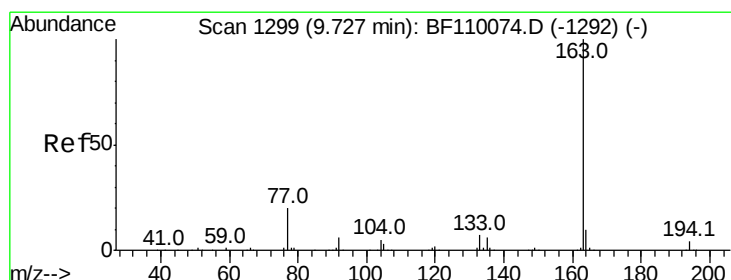
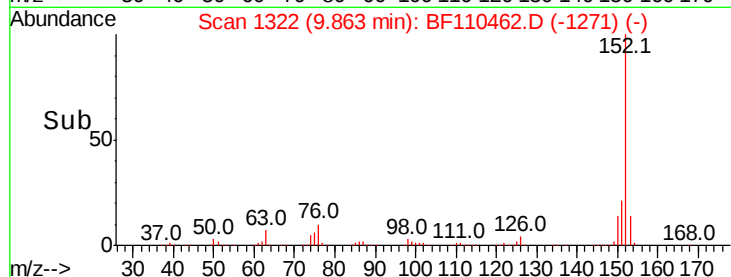
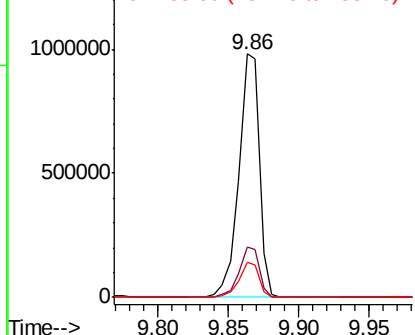
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	14.1	10.4	15.6

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11/6/2018 1:19:12 PM

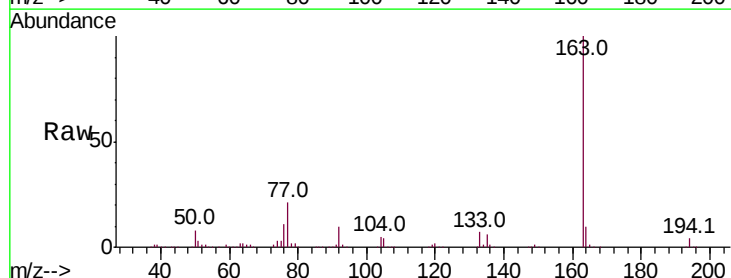


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

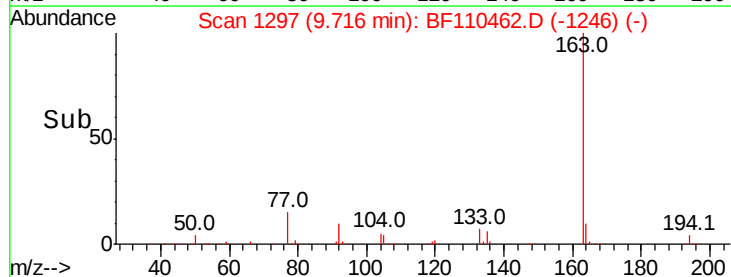
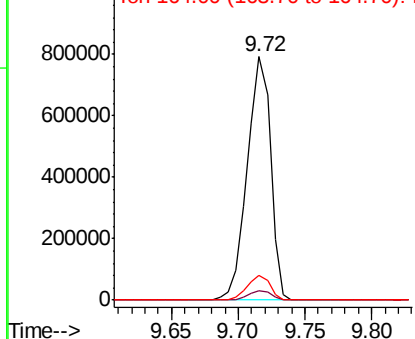


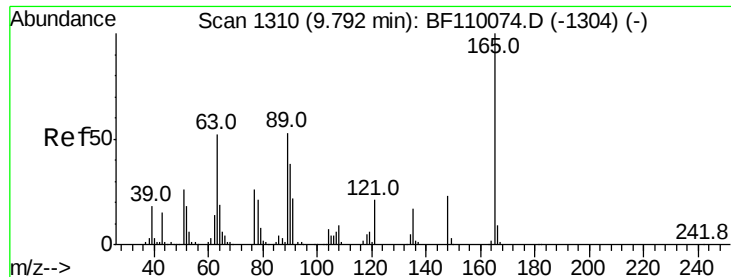
#50
Dimethylphthalate
Concen: 66.702 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.3	8.1	12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





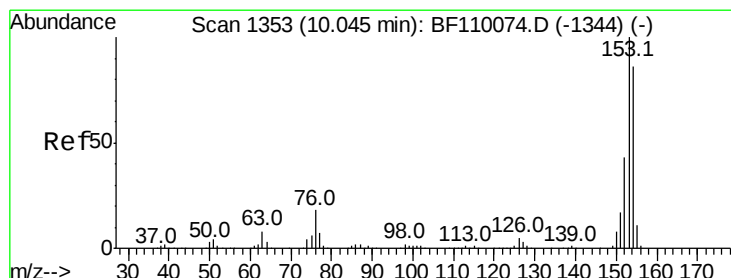
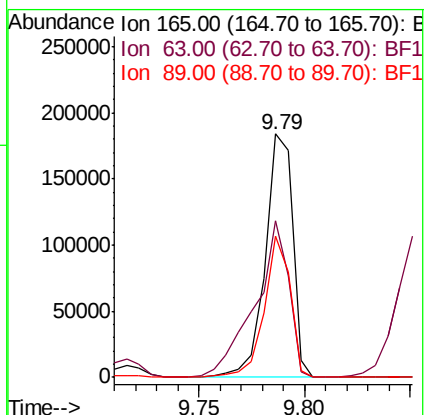
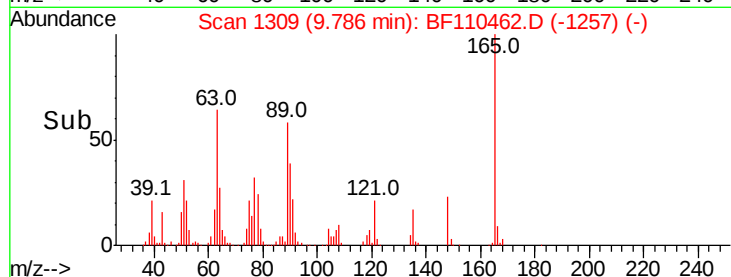
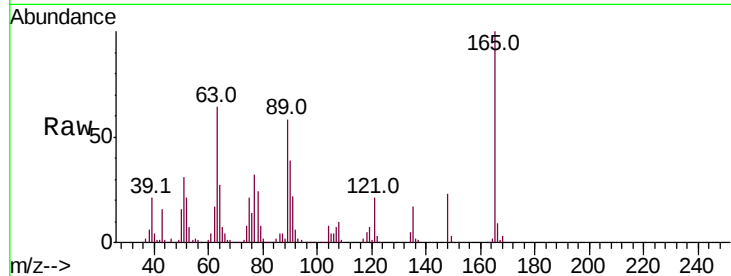
#51
2,6-Dinitrotoluene
Concen: 54.250 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	64.1	48.9	73.3
89	58.2	46.6	69.8

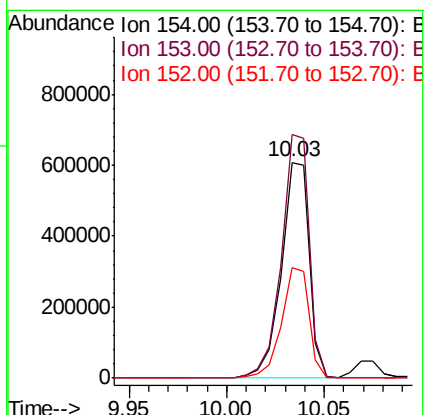
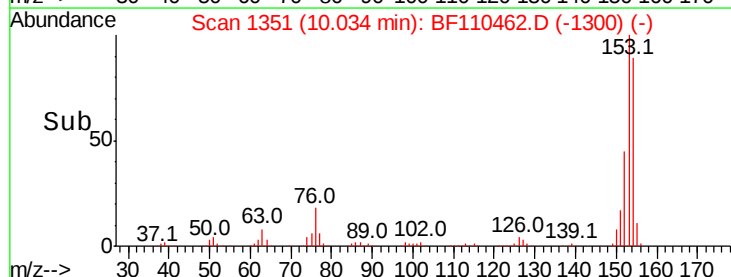
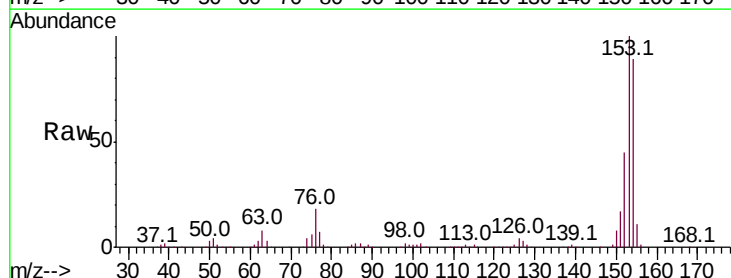
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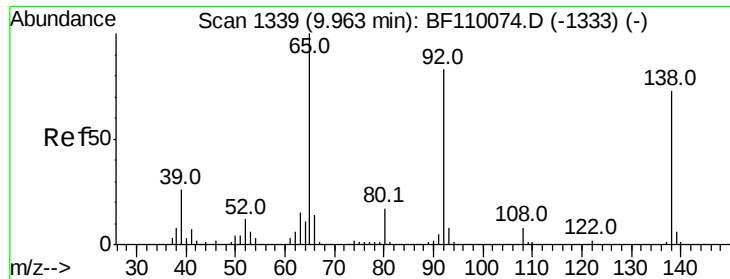
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11/6/2018 1:19:12 PM



#52
Acenaphthene
Concen: 49.111 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.7	90.1	135.1
152	51.1	43.4	65.2





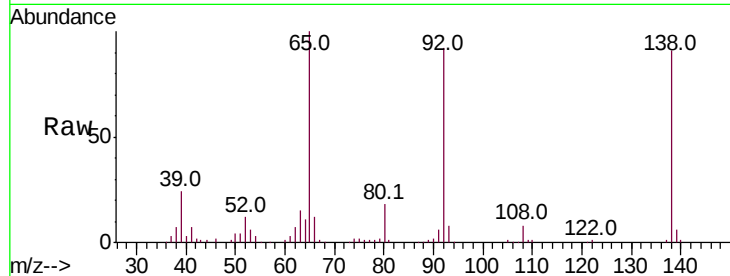
#53
3-Nitroaniline
Concen: 35.906 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :
8BMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.4	8.7	13.1
92	101.7	97.0	145.4

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11/6/2018 1:19:12 PM

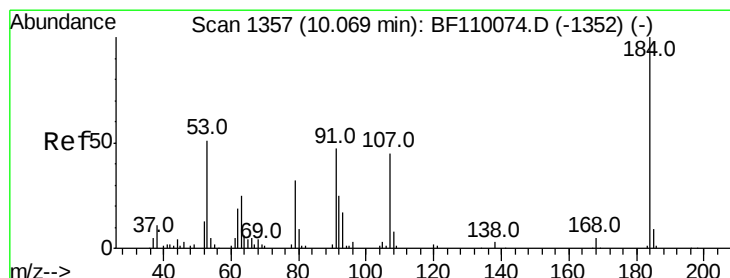
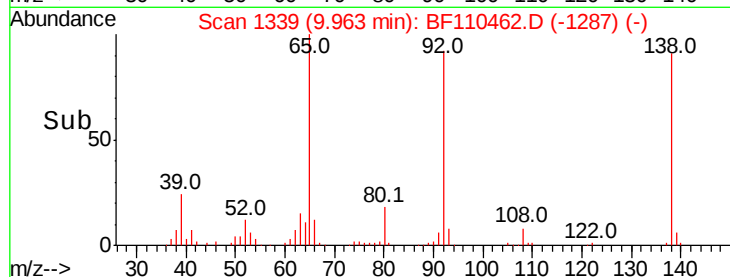
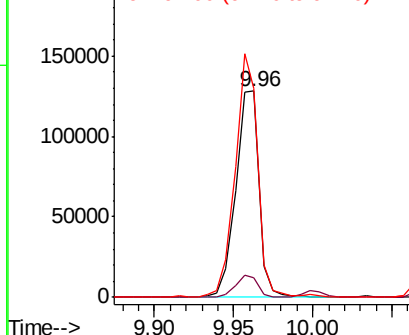


Abundance

Ion 138.00 (137.70 to 138.70): E

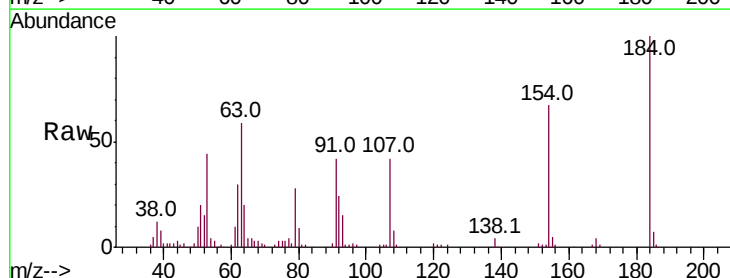
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 58.519 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.3	55.8	83.6
154	67.0	63.2	94.8

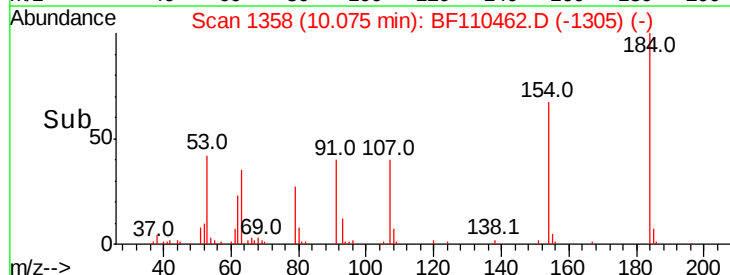
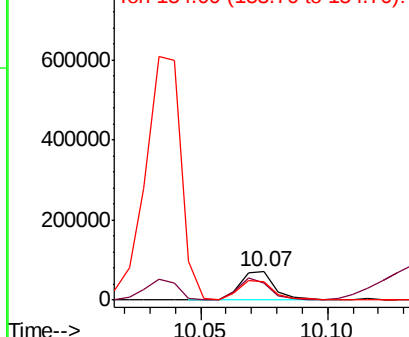


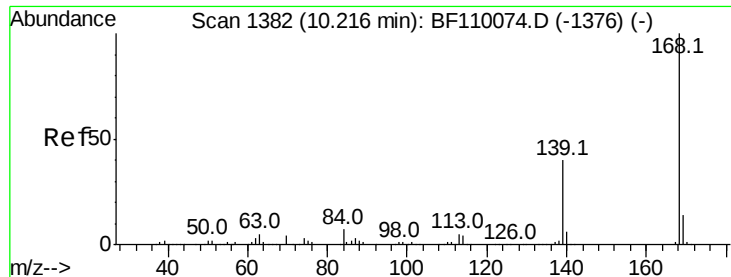
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





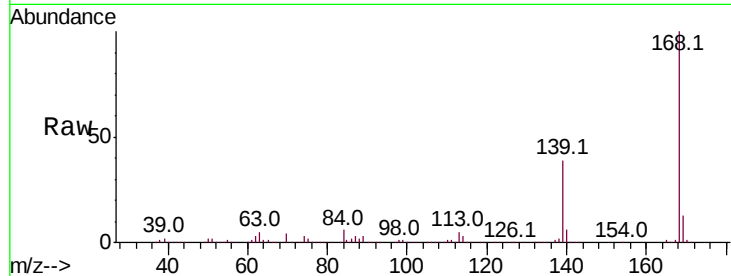
#55
Dibenzenofuran
Concen: 50.296 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

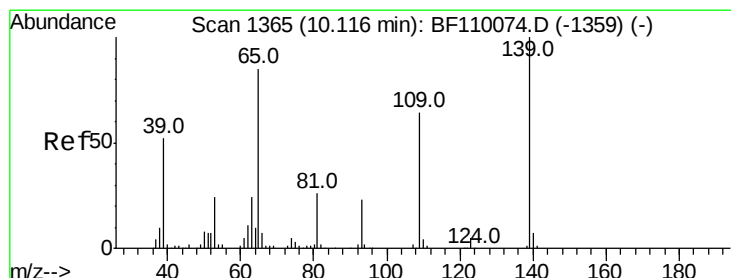
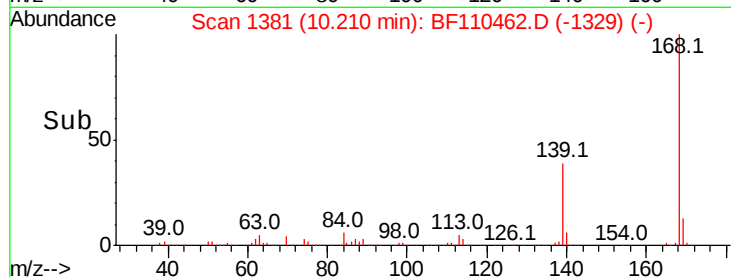
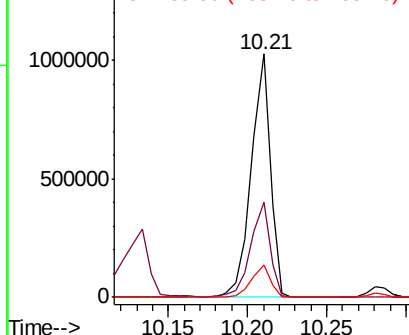
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	33.0	49.6
169	13.4	11.3	16.9

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11/6/2018 1:19:12 PM

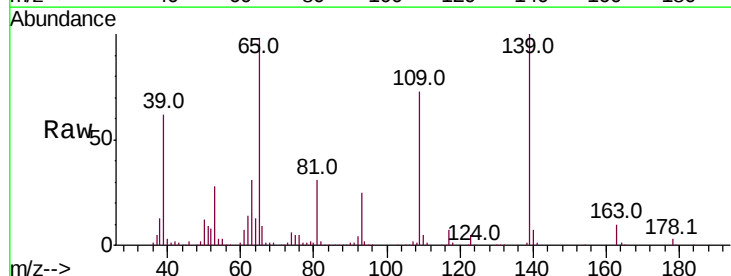


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

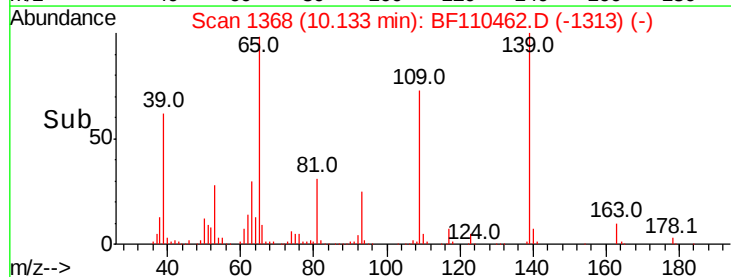
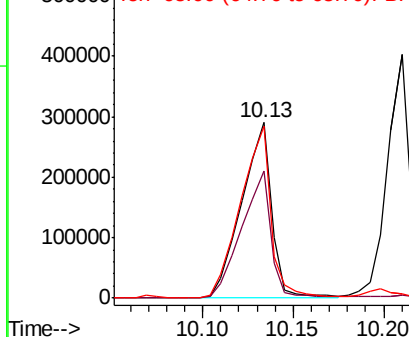


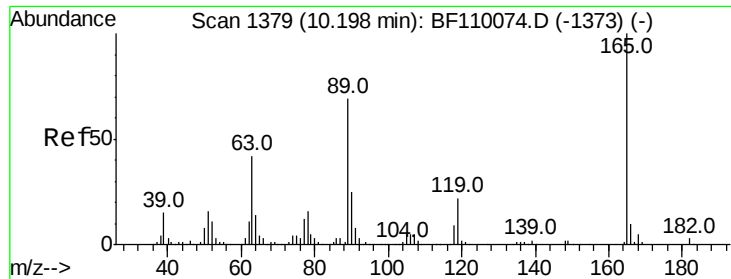
#56
4-Nitrophenol
Concen: 124.224 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.02 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.6	55.8	95.8
65	98.3	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





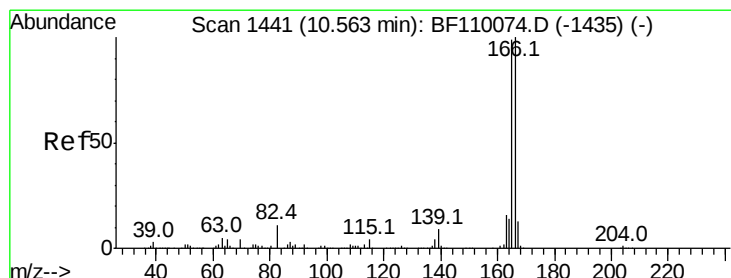
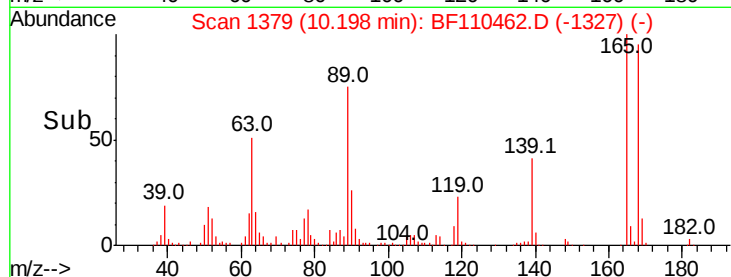
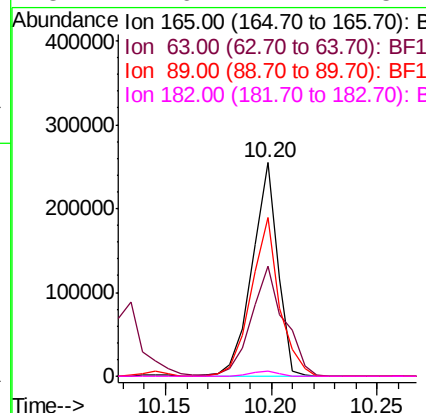
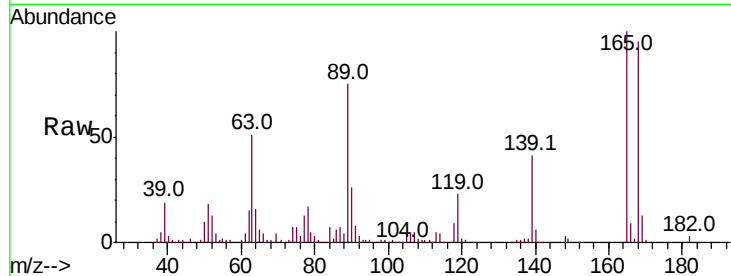
#57
2,4-Dinitrotoluene
Concen: 55.317 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	51.4	44.8	67.2
89	74.5	62.2	93.4
182	2.6	2.1	3.1

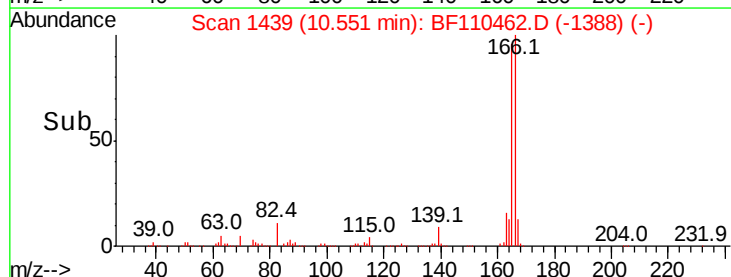
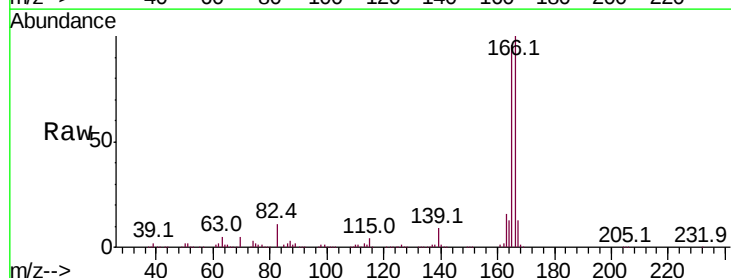
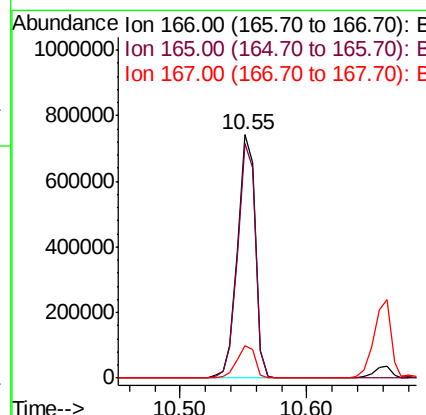
Manual Integrations
APPROVED

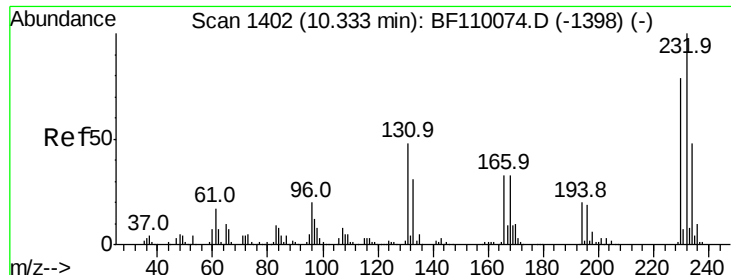
Sohil
11/6/2018 1:19:12 PM



#58
Fluorene
Concen: 55.423 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	96.3	78.6	117.8
167	13.3	10.8	16.2





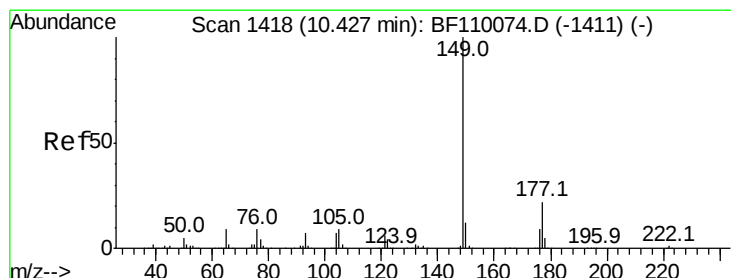
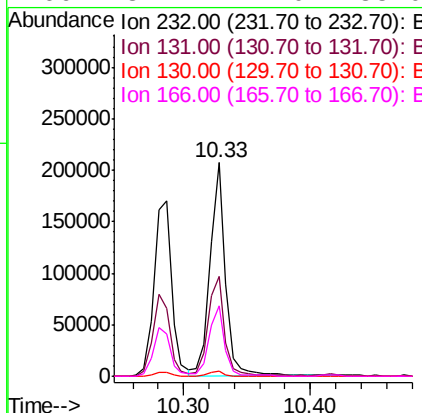
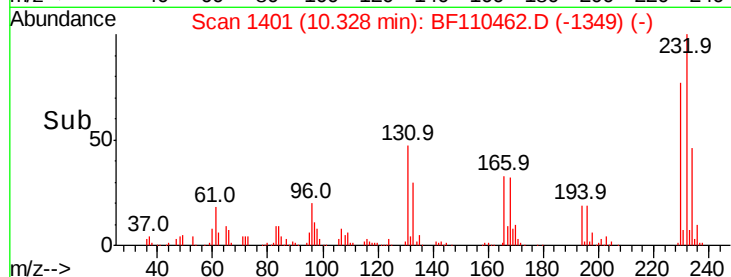
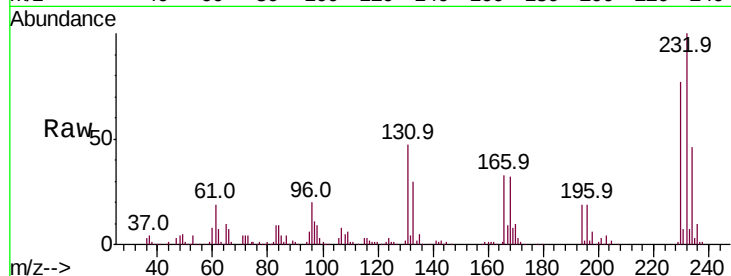
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.290 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Instrument :
 BNA_F
 ClientSampleId :
 8BMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.8	37.0	55.4
130	2.3	1.8	2.6
166	32.7	22.0	33.0

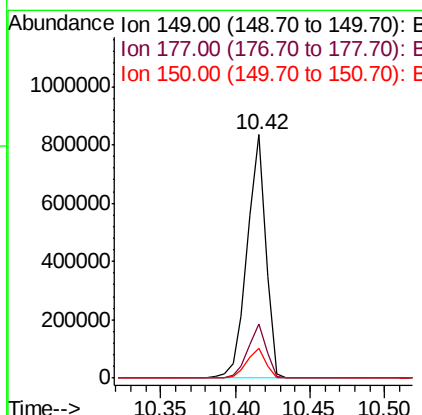
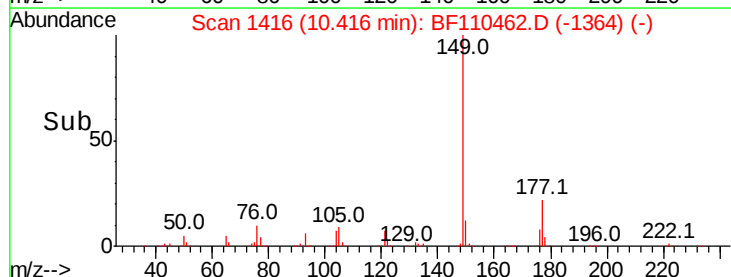
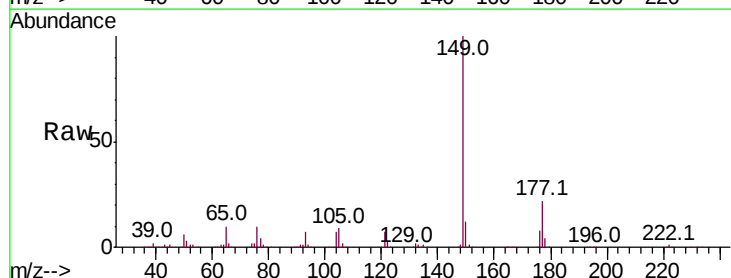
Manual Integrations
 APPROVED

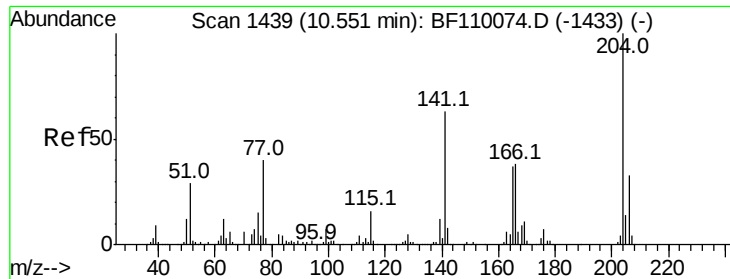
Sohil
 11/6/2018 1:19:12 PM



#60
 Diethylphthalate
 Concen: 51.779 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.2
150	12.4	9.8	14.8





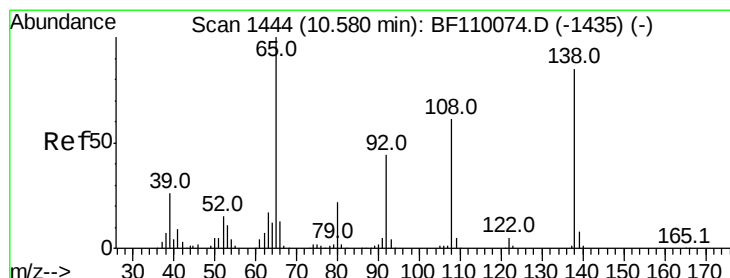
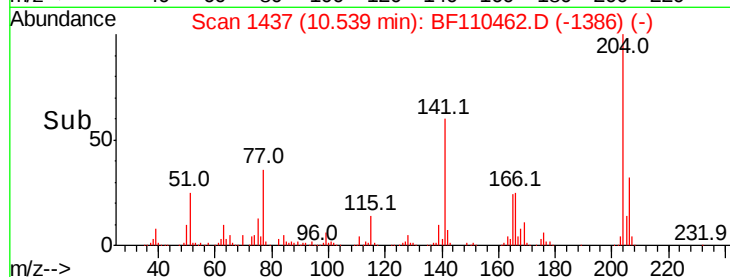
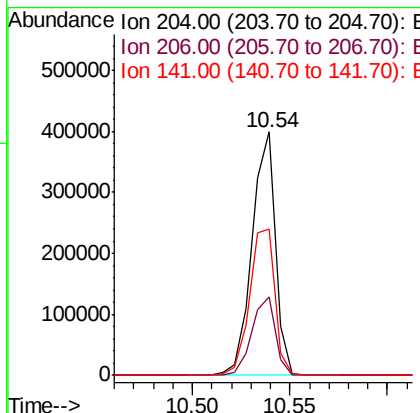
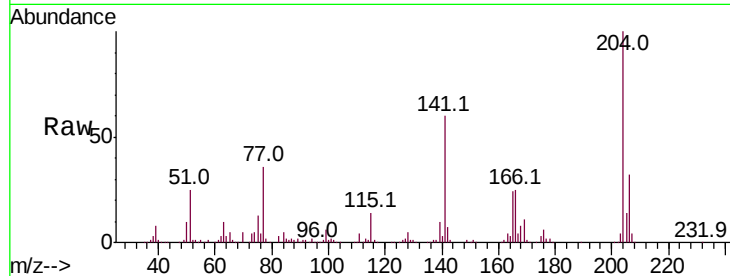
#61
4-Chlorophenyl-phenylether
Concen: 49.289 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	60.0	51.8	77.8

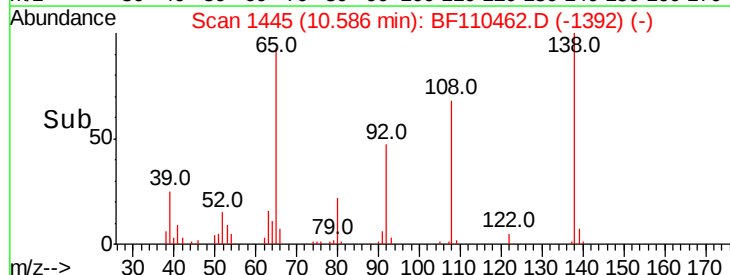
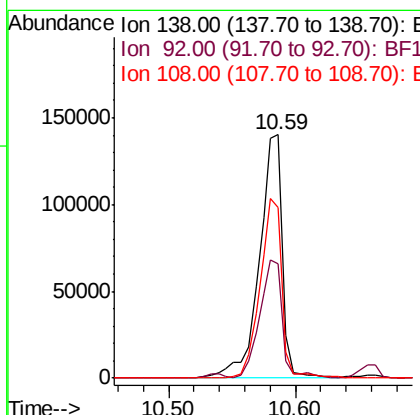
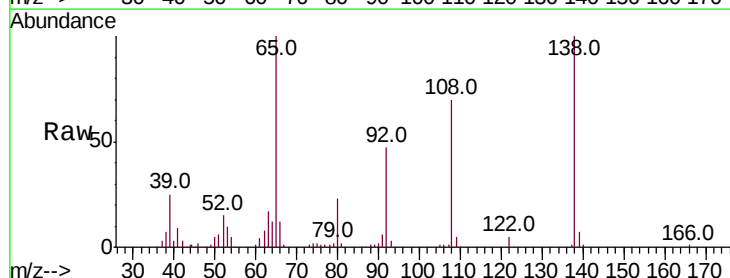
Manual Integrations
APPROVED

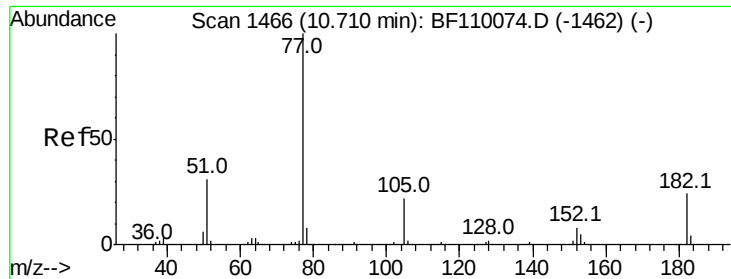
Sohil
11/6/2018 1:19:12 PM



#62
4-Nitroaniline
Concen: 49.298 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	31.7	71.7
108	70.4	59.3	99.3





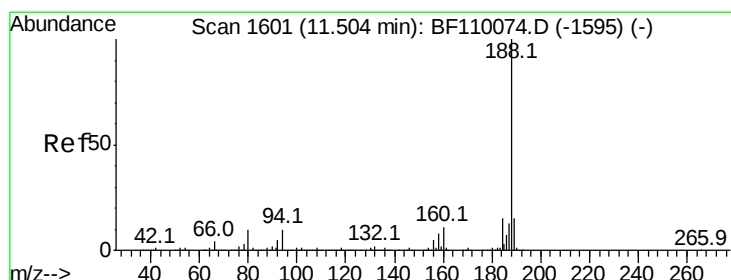
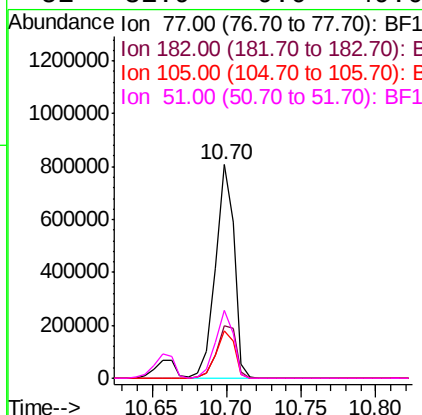
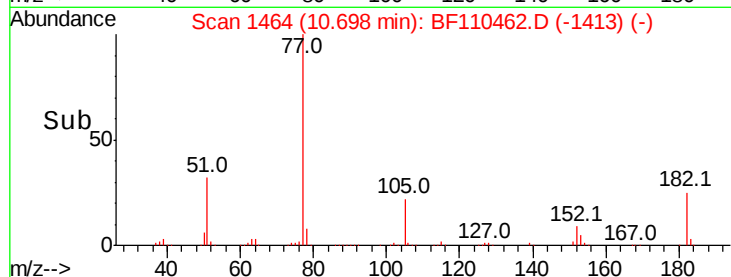
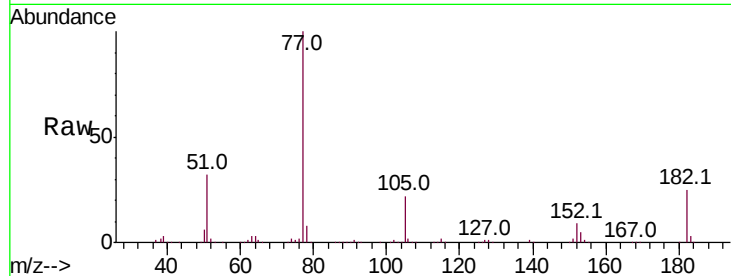
#63
Azobenzene
Concen: 50.984 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :
8BMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.9	4.3	44.3	
105	22.2	1.3	41.3	
51	31.9	9.0	49.0	

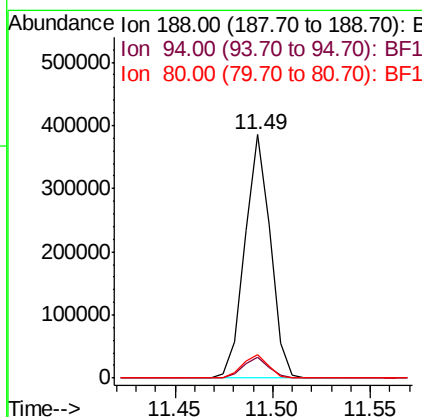
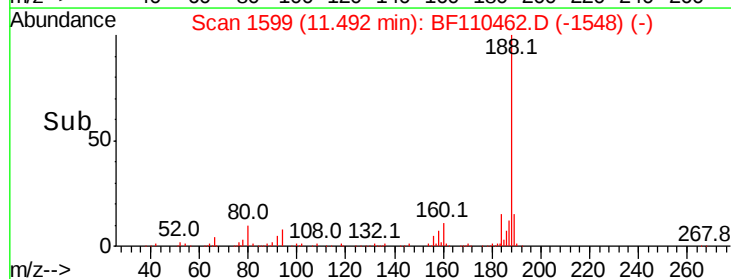
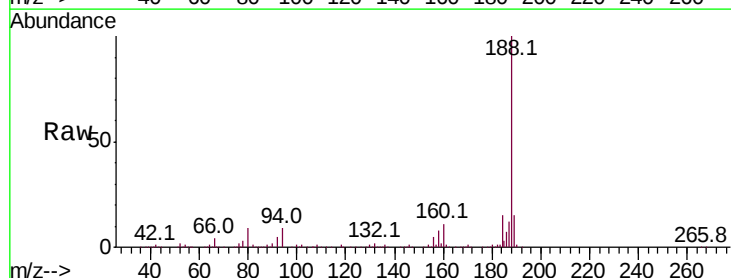
Manual Integrations
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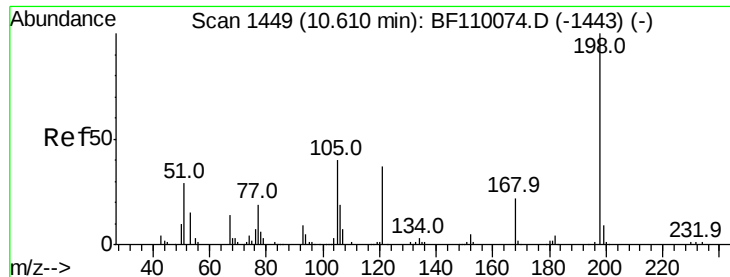
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.8	7.2	10.8	
80	9.5	7.9	11.9	





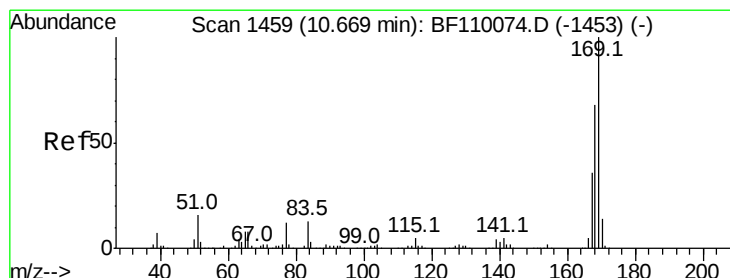
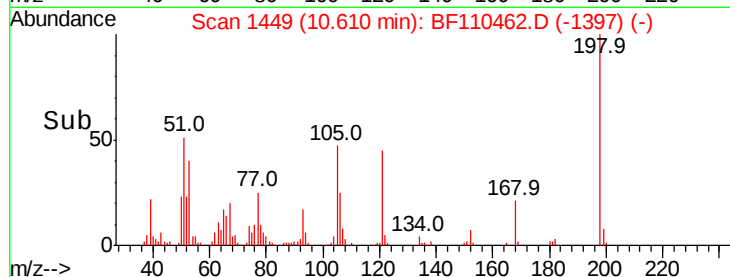
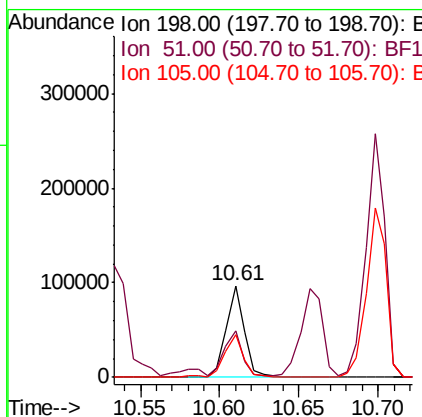
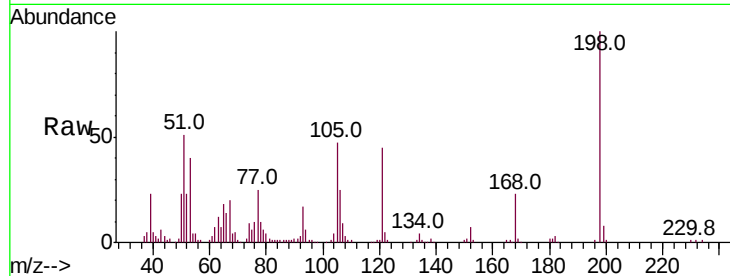
#65
4,6-Dinitro-2-methylphenol
Concen: 48.128 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.2	22.8	62.8
105	46.6	23.6	63.6

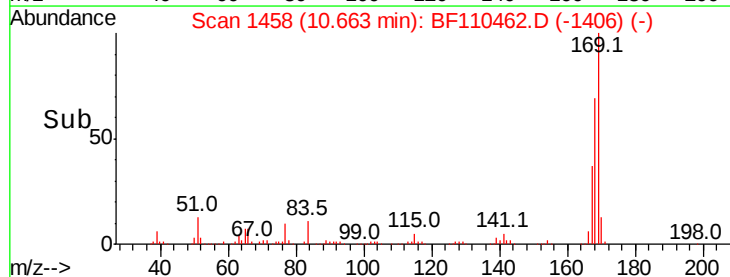
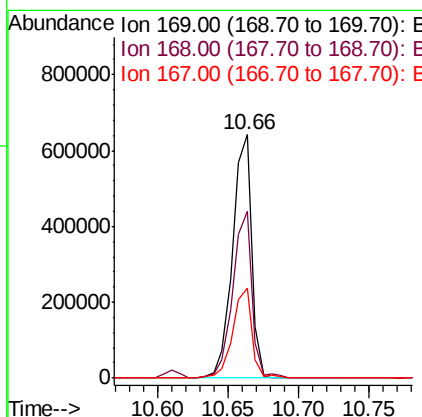
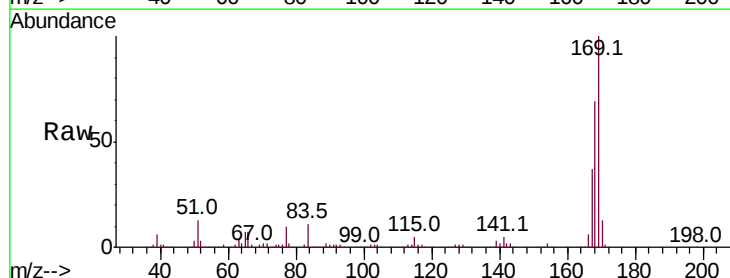
Manual Integrations
APPROVED

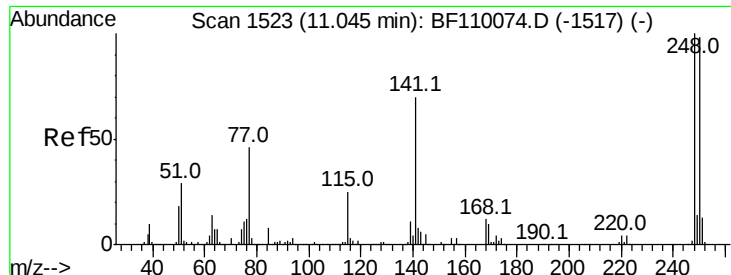
Sohil
11/6/2018 1:19:12 PM



#66
n-Nitrosodiphenylamine
Concen: 52.604 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.7	51.2	76.8
167	37.1	27.8	41.6





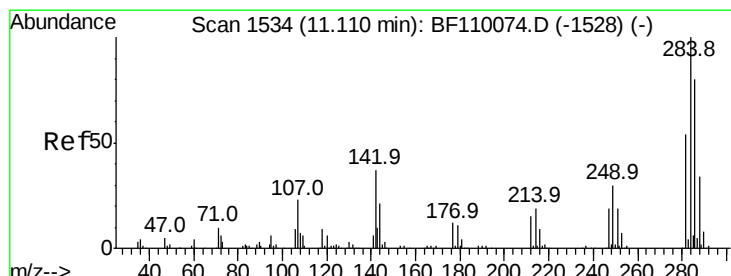
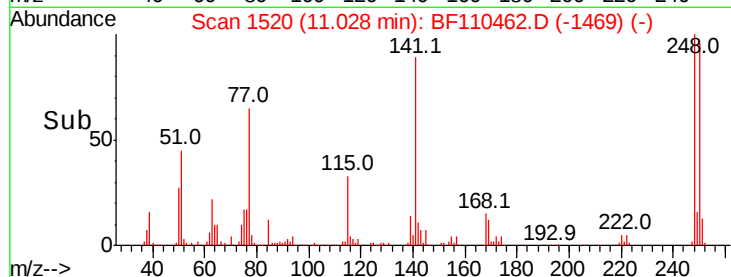
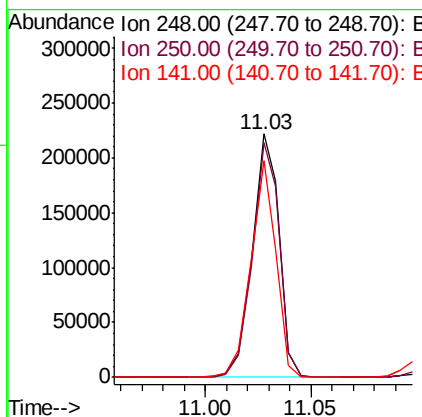
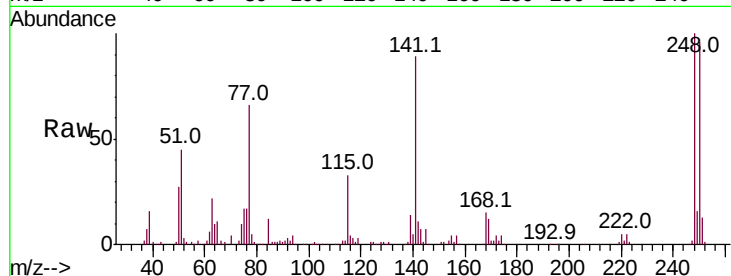
#67
 4-Bromophenyl-phenylether
 Concen: 51.570 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Instrument :
 BNA_F
 ClientSampleId :
 8BMSD

Tot Ion:	248	Resp:	195984
Ion Ratio	Lower	Upper	
248	100		
250	96.4	79.4	119.2
141	89.0	55.9	83.9#

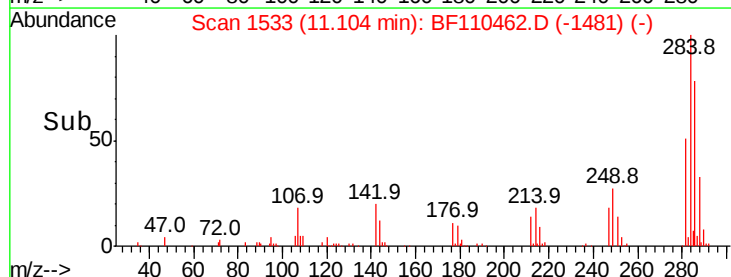
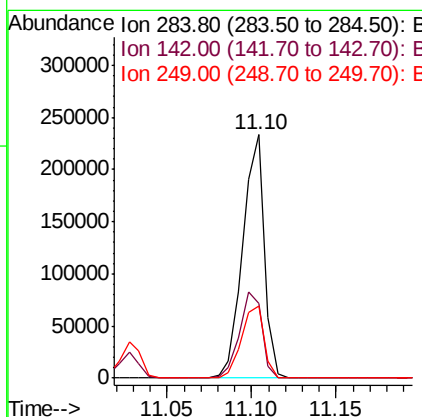
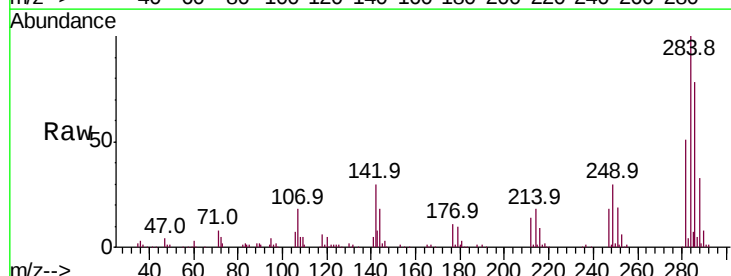
Manual Integrations
 APPROVED

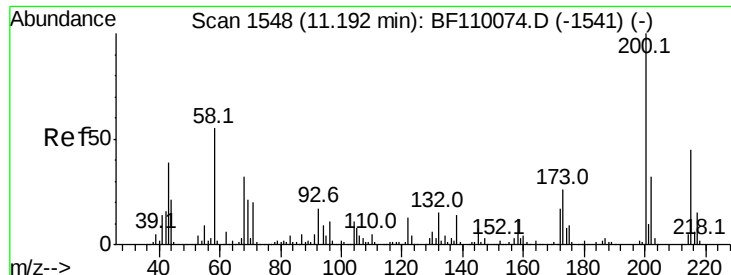
Sohil
 11/6/2018 1:19:12 PM



#68
 Hexachlorobenzene
 Concen: 51.569 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.01 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion:	284	Resp:	207943
Ion Ratio	Lower	Upper	
284	100		
142	30.5	23.9	35.9
249	29.8	24.2	36.2





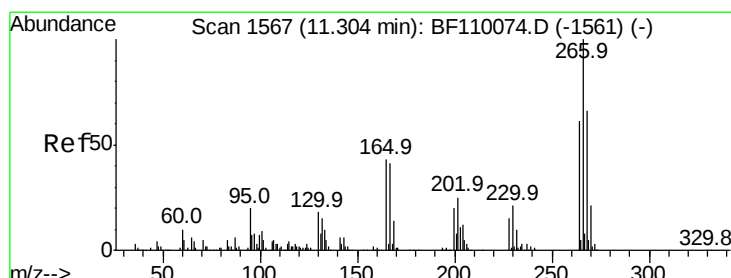
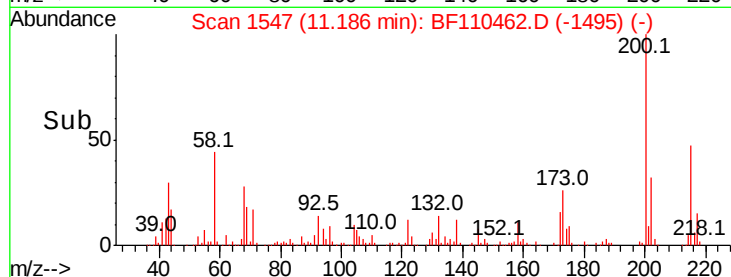
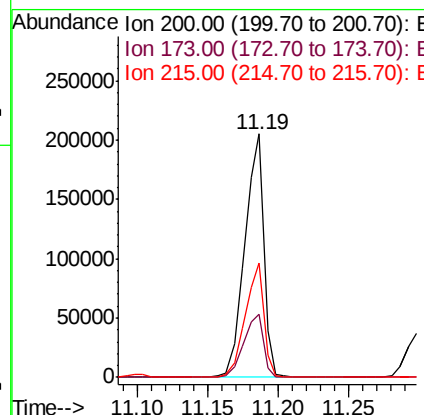
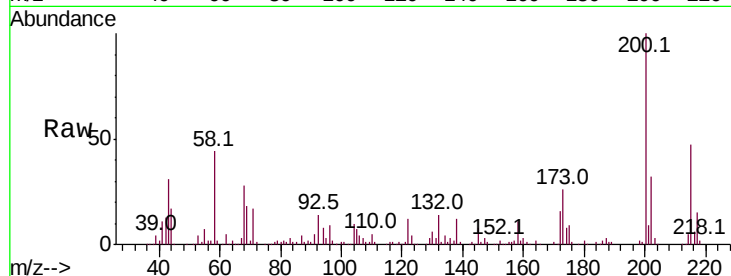
#69
Atrazine
Concen: 53.129 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.8	6.6	46.6
215	47.2	26.3	66.3

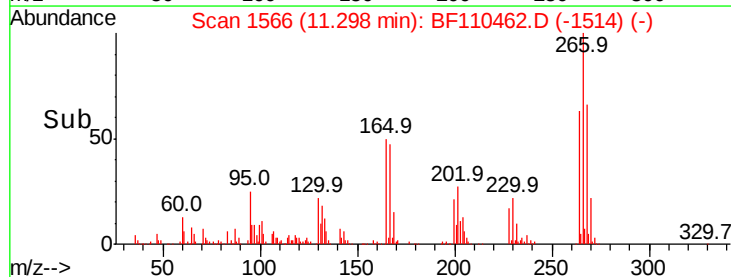
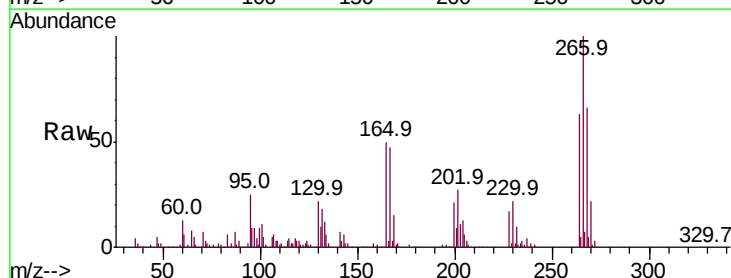
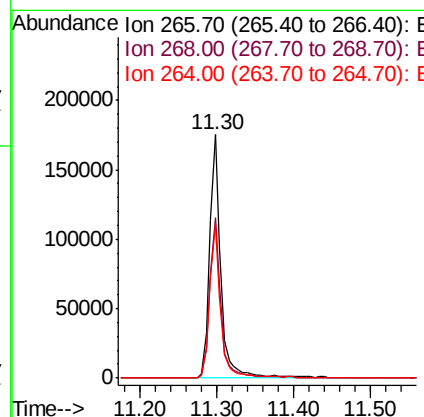
Manual Integrations
APPROVED

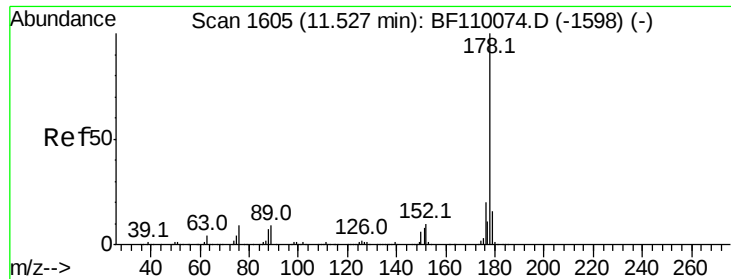
Sohil
11/6/2018 1:19:12 PM



#70
Pentachlorophenol
Concen: 76.208 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.9	50.6	75.8
264	63.5	50.6	75.8





#71

Phenanthrene

Concen: 53.784 ng

RT: 11.52 min Scan# 1604

Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

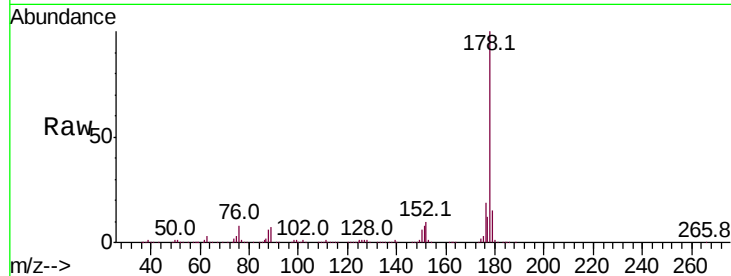
ClientSampled :

8BMSD

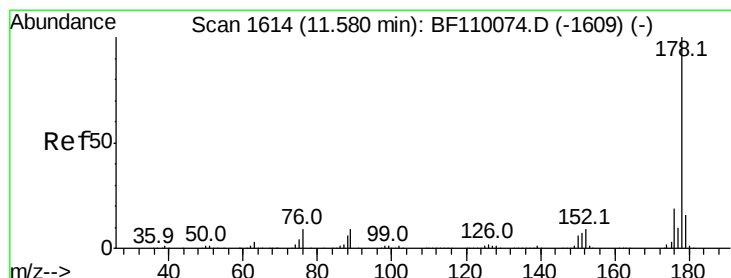
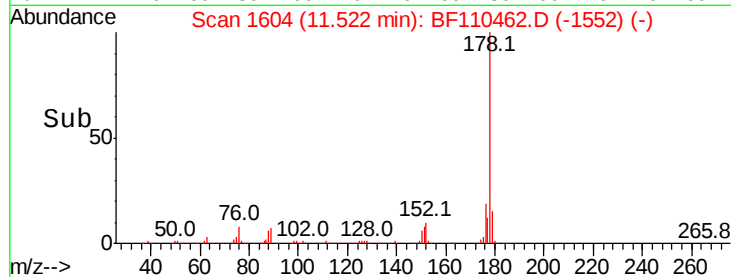
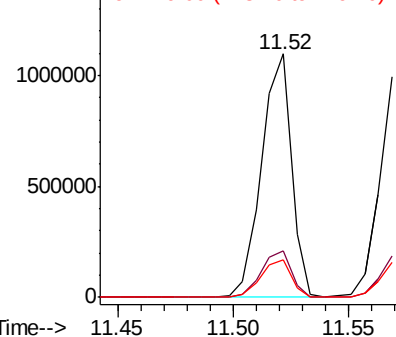
Tot Ion:	178	Resp:	985993
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.5	23.3
179	15.4	12.5	18.7

Manual Integrations
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11/6/2018 1:19:12 PM



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: 55.529 ng

RT: 11.57 min Scan# 1613

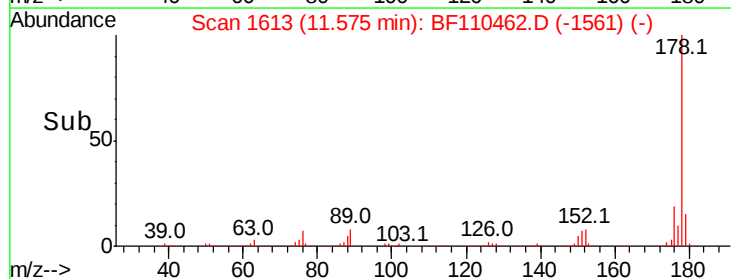
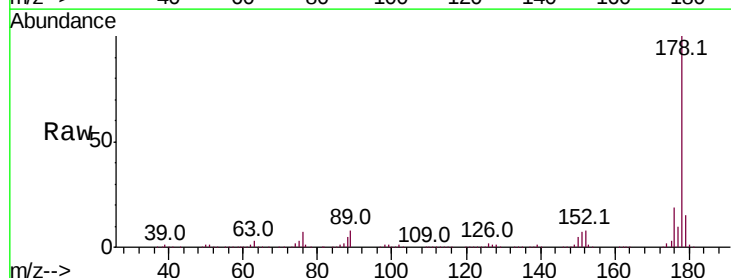
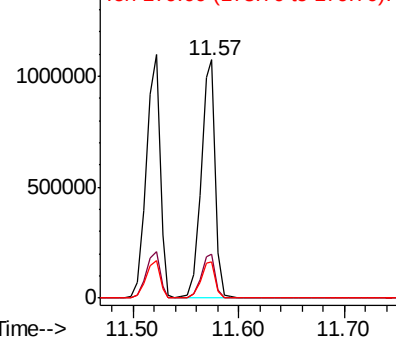
Delta R.T. 0.01 min

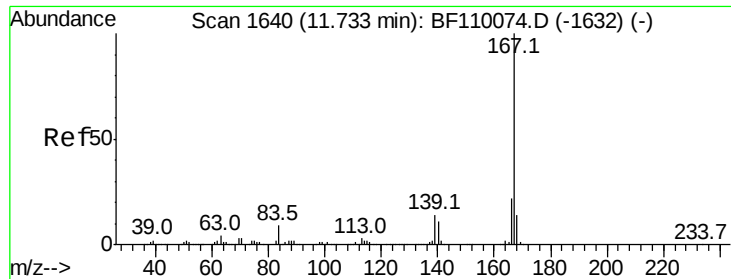
Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Tgt Ion:	178	Resp:	1020360
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





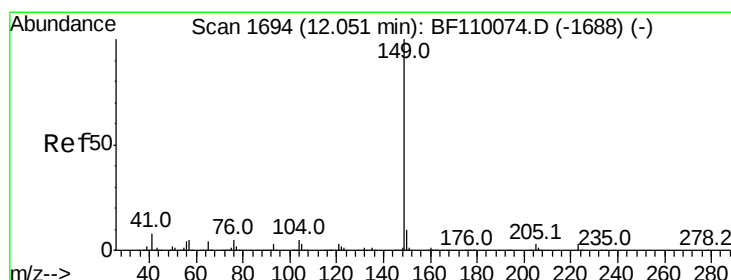
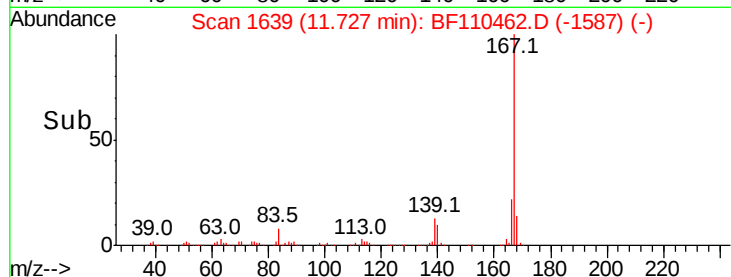
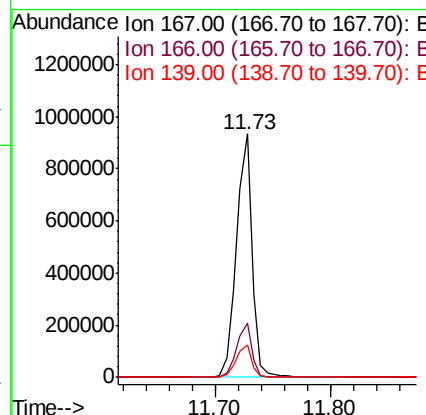
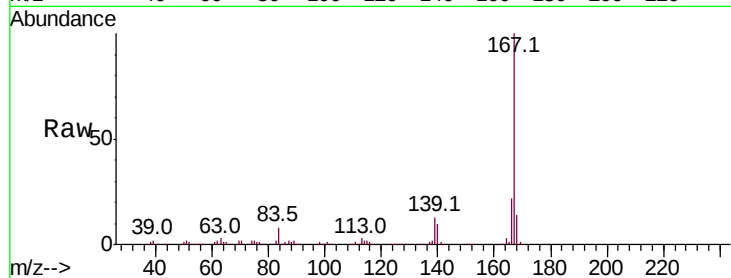
#73
 Carbazole
 Concen: 48.882 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Instrument :
 BNA_F
 ClientSampleId :
 8BMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	13.3	10.9	16.3

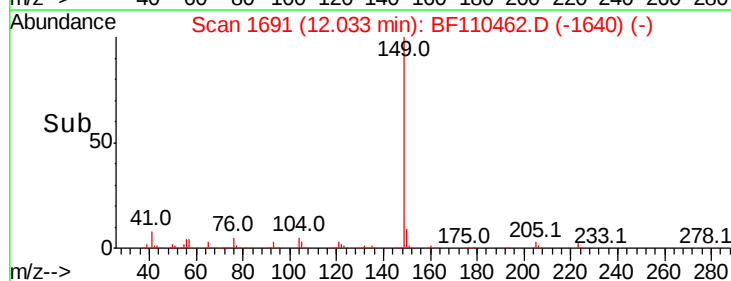
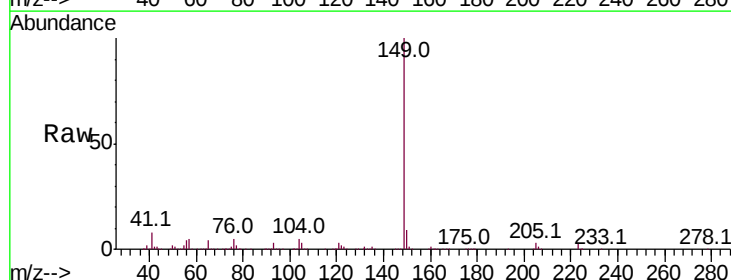
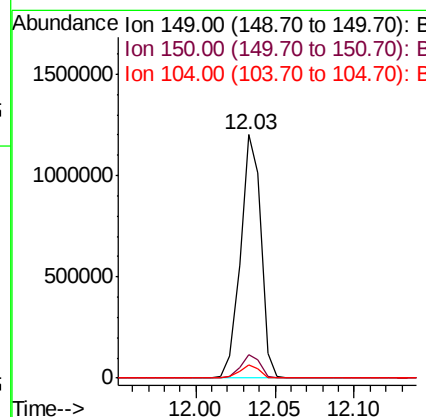
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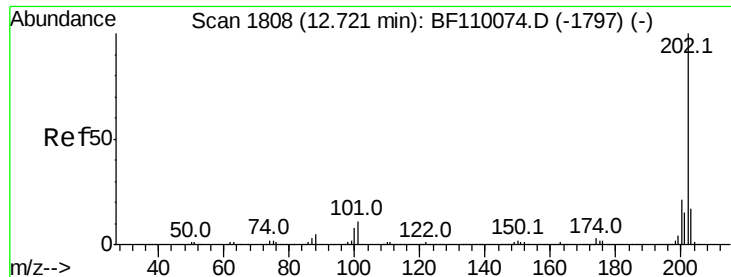
Sohil
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#74
 Di-n-butylphthalate
 Concen: 52.734 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.4	4.2	6.4





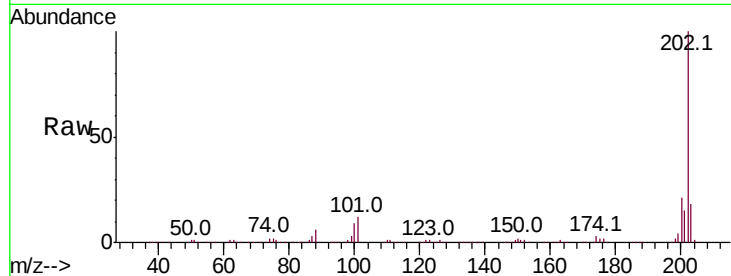
#75
 Fluoranthene
 Concen: 51.204 ng
 RT: 12.71 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Instrument :
 BNA_F
 ClientSampleId :
 8BMSD

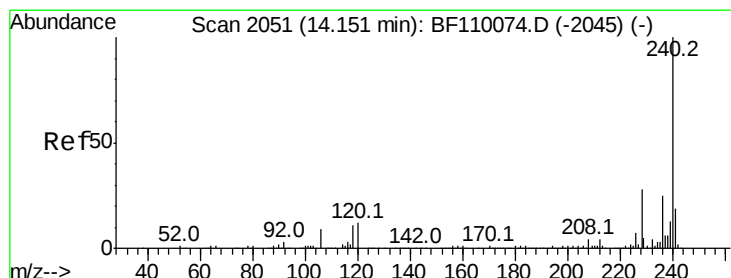
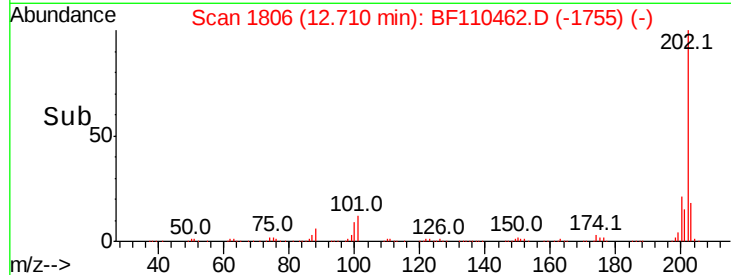
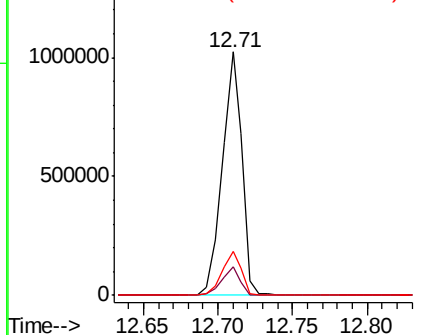
Tot Ion	Ratio	Resp	Lower	Upper
202	100	952661		
101	11.8	0.0	31.4	
203	17.9	0.0	37.7	

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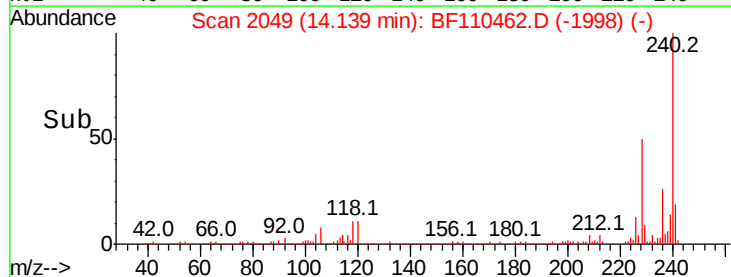
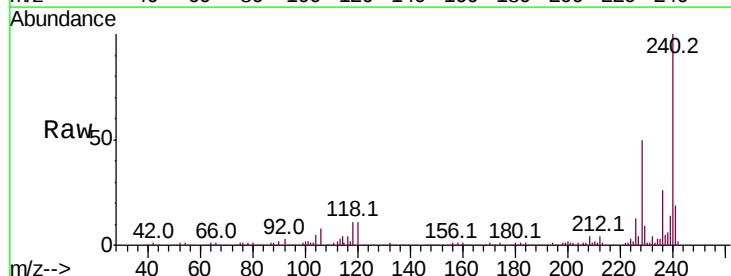
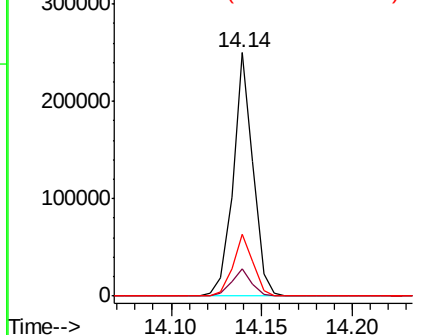
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

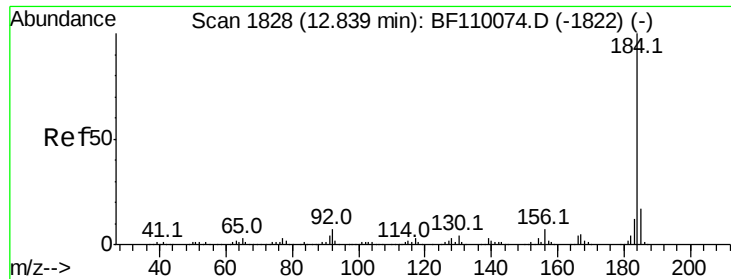


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	190557		
120	11.2	8.3	12.5	
236	25.6	21.2	31.8	

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 9.446 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

ClientSampleId :

8BMSD

Tot Ion:184 Resp: 73517

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.2

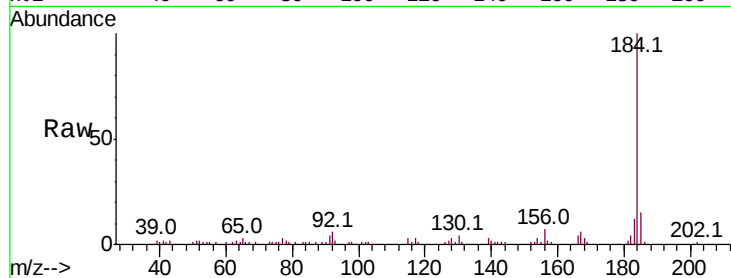
183 12.2 9.4 14.2

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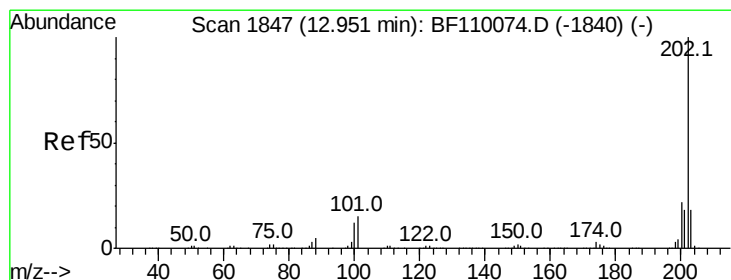
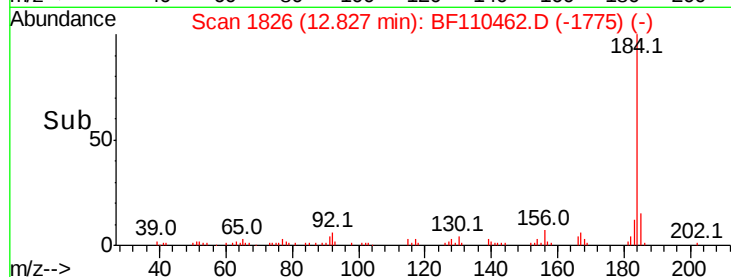
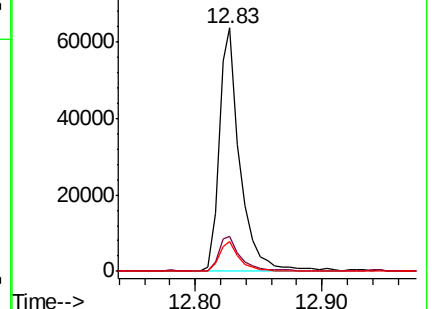
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 68.323 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Tgt Ion:202 Resp: 933382

Ion Ratio Lower Upper

202 100

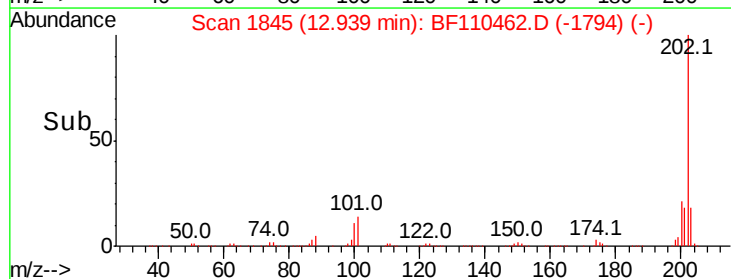
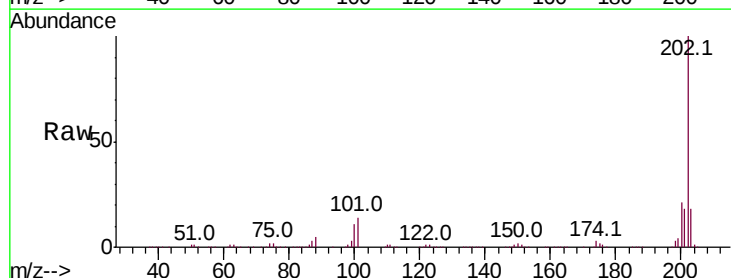
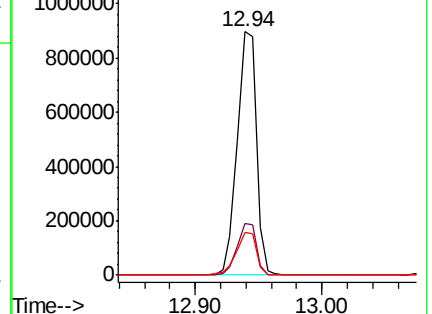
200 21.3 17.8 26.6

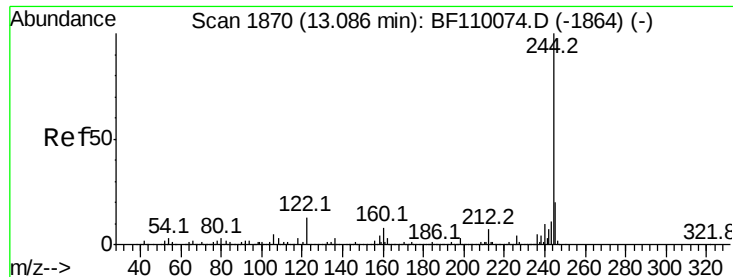
203 17.7 14.2 21.4

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





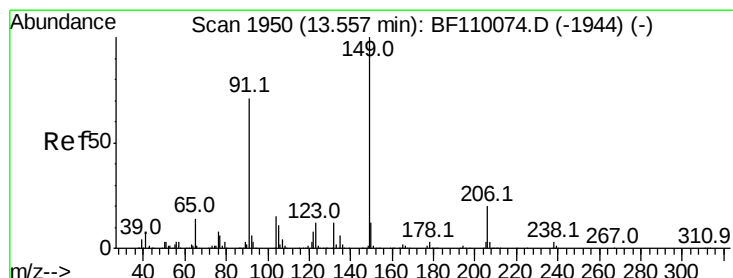
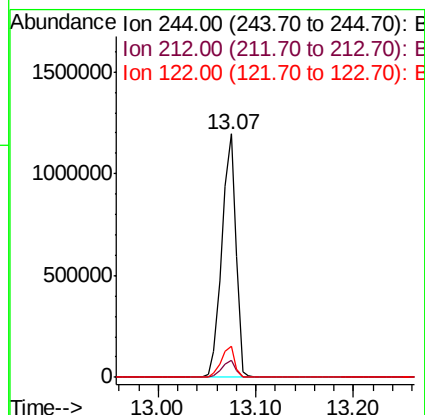
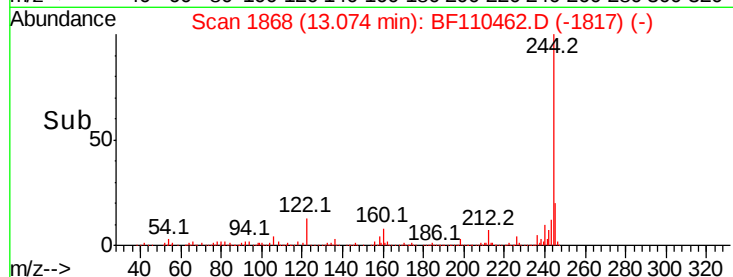
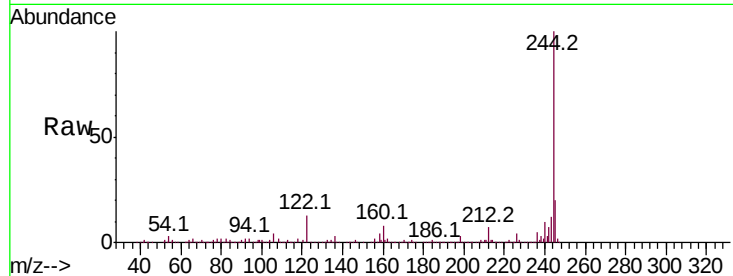
#79
 Terphenyl-d14
 Concen: 130.584 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Instrument :
 BNA_F
 ClientSampleId :
 8BMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.6	8.7	13.1

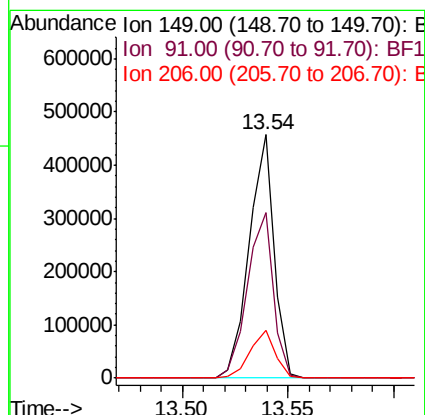
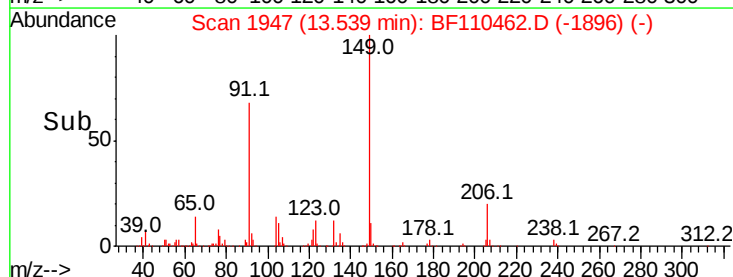
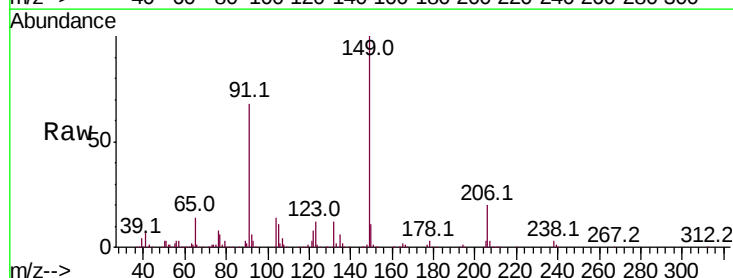
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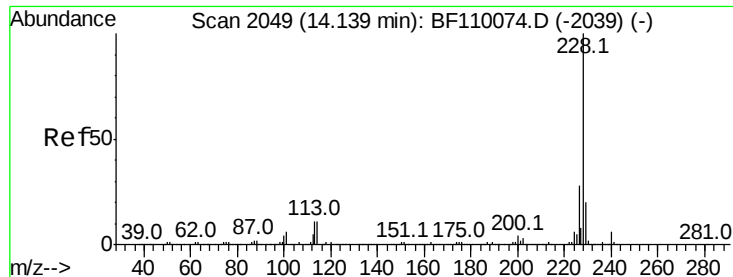
Sohil
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#80
 Butylbenzylphthalate
 Concen: 63.484 ng
 RT: 13.54 min Scan# 1947
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.2	57.2	85.8
206	19.7	15.7	23.5





#81

Benzo(a)anthracene

Concen: 57.295 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

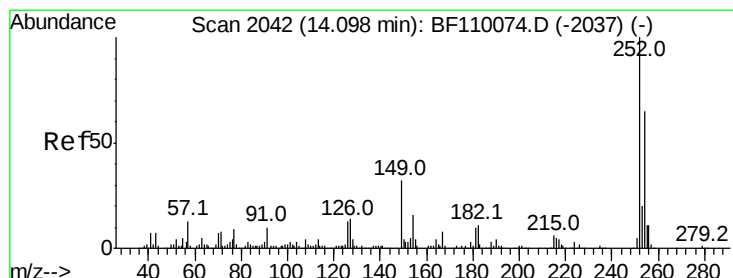
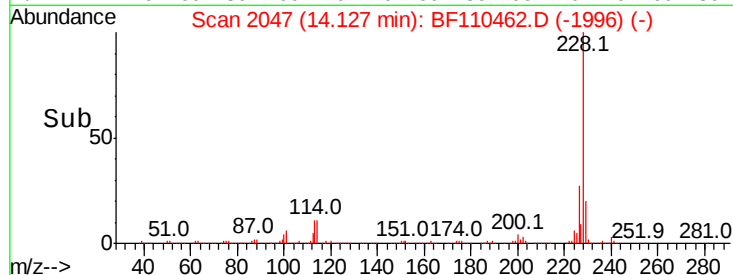
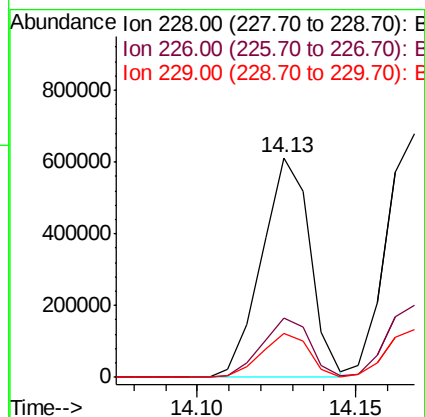
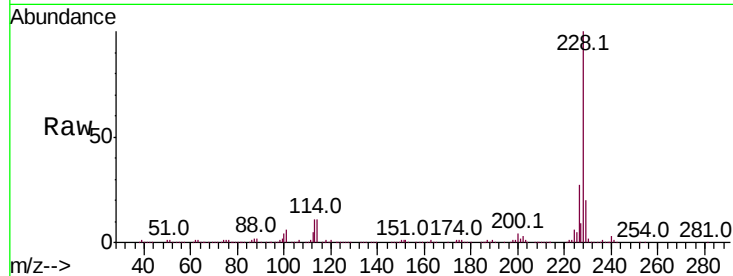
ClientSampled :

8BMSD

Tot Ion:	228	Resp:	647459
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.1	33.1
229	19.7	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 34.947 ng

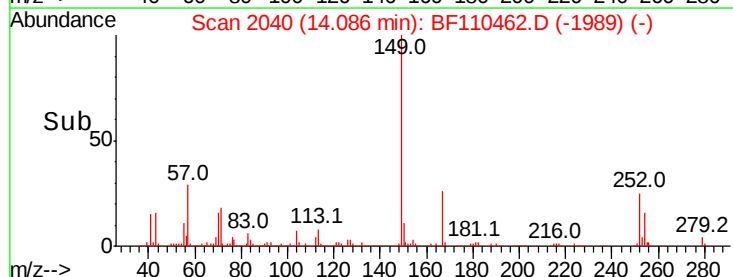
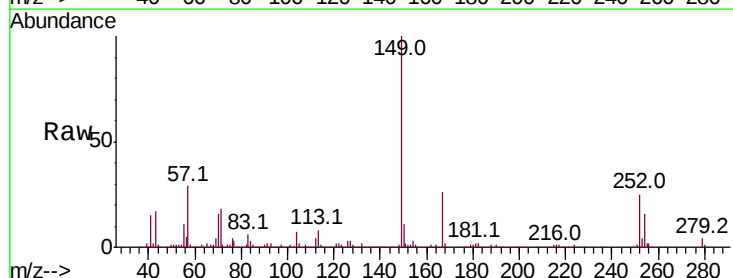
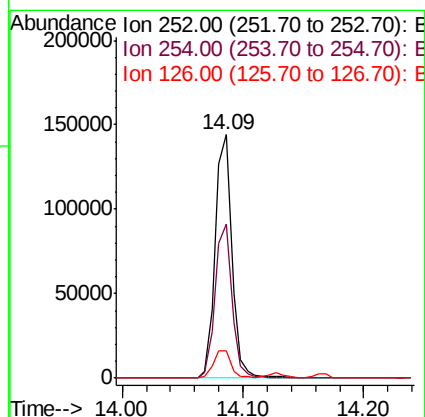
RT: 14.09 min Scan# 2040

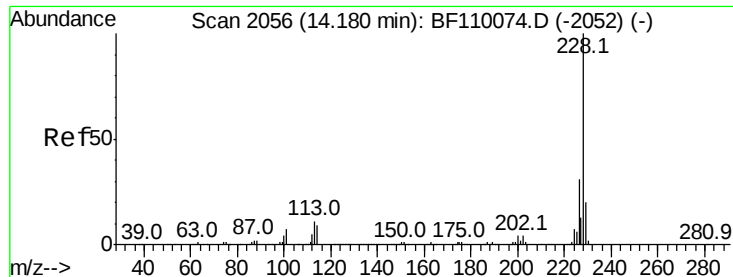
Delta R.T. 0.00 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Tgt Ion:	252	Resp:	137518
Ion Ratio	Lower	Upper	
252	100		
254	63.3	51.3	76.9
126	11.2	9.4	14.2





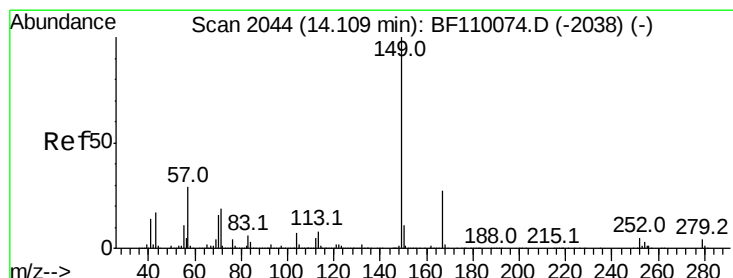
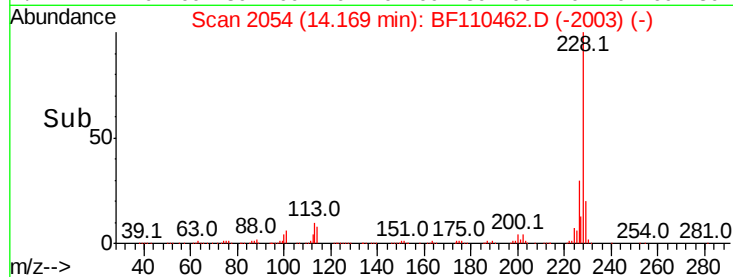
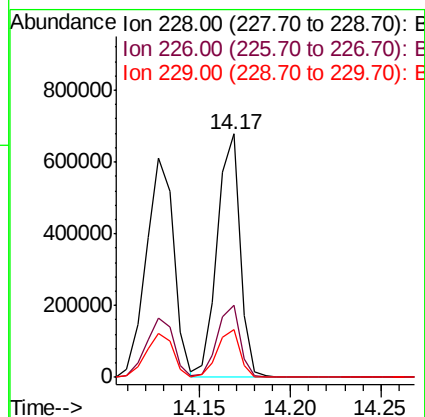
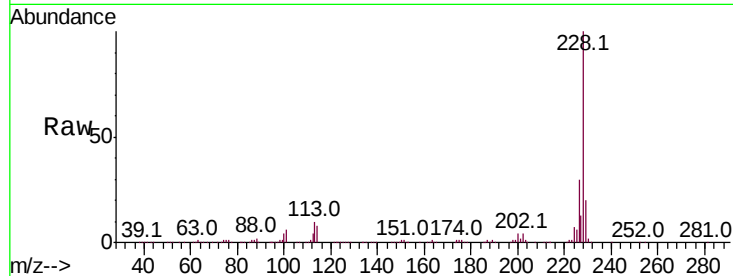
#83
 Chrysene
 Concen: 55.386 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Instrument :
 BNA_F
 ClientSampled :
 8BMSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	594474		
226	29.8		24.7	37.1
229	19.8		15.9	23.9

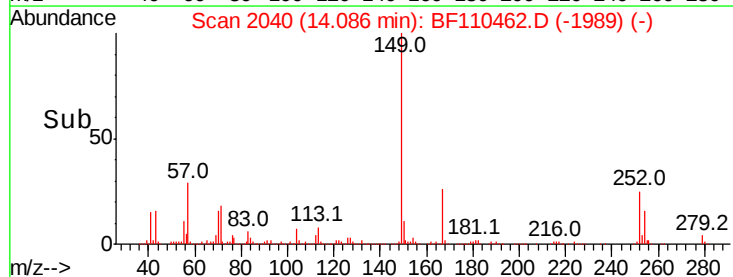
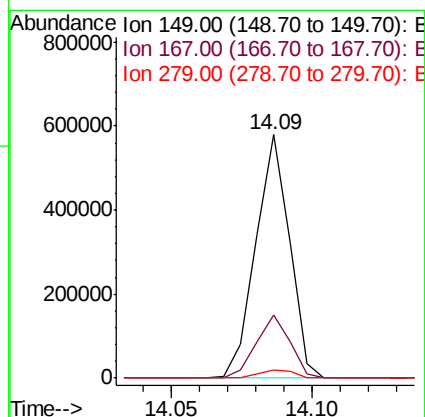
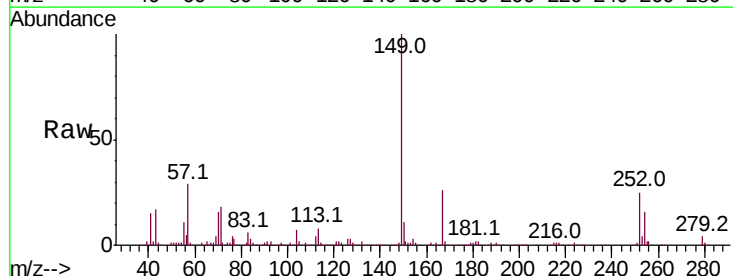
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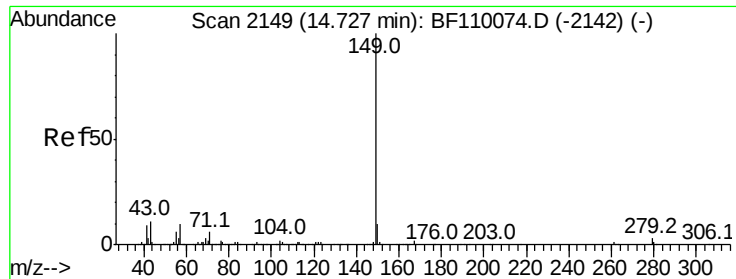
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 60.119 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF110462.D
 Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	481888		
167	26.0		19.8	29.8
279	3.6		2.7	4.1





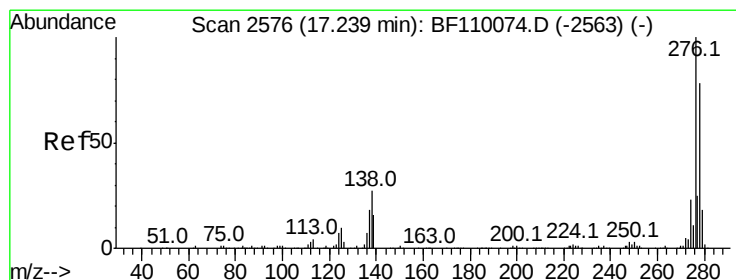
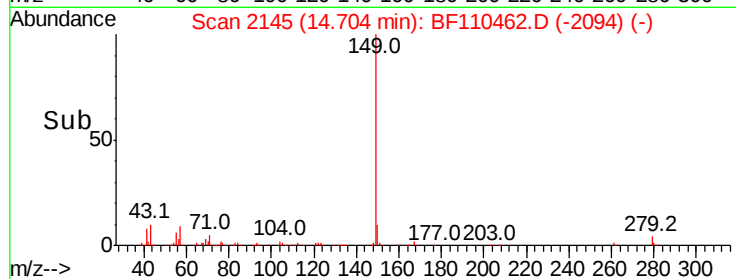
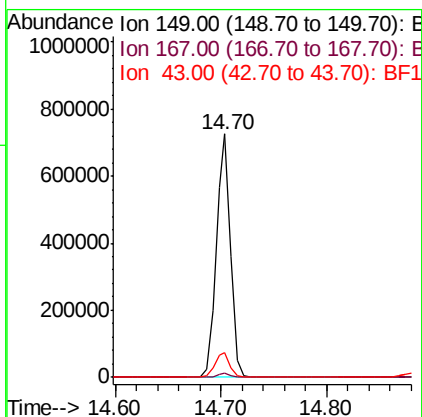
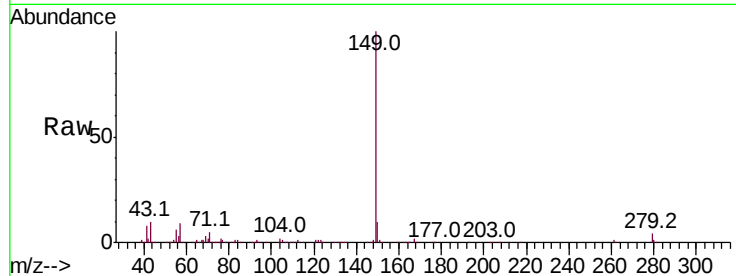
#85
Di-n-octyl phthalate
Concen: 55.028 ng
RT: 14.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.1	7.8	11.8

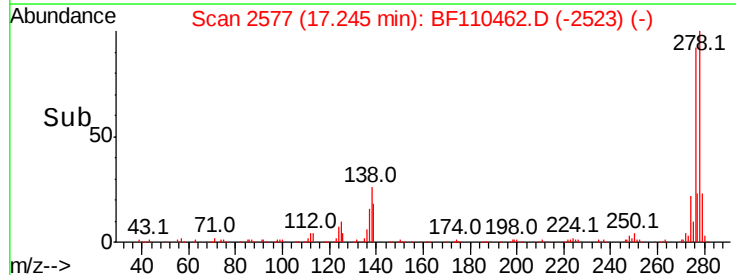
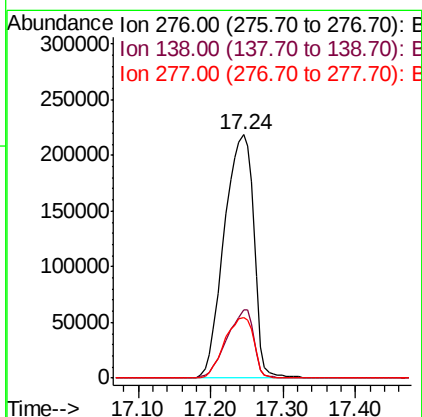
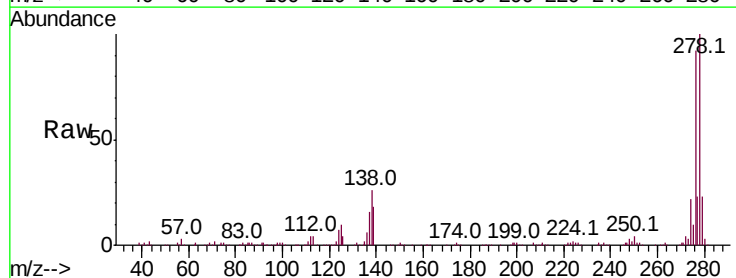
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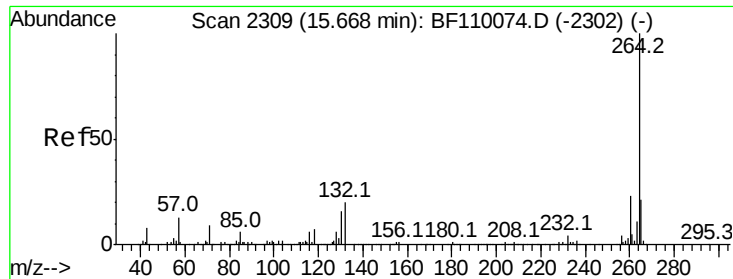
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 69.777 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.02 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	18.5	27.7
277	24.7	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Instrument :

BNA_F

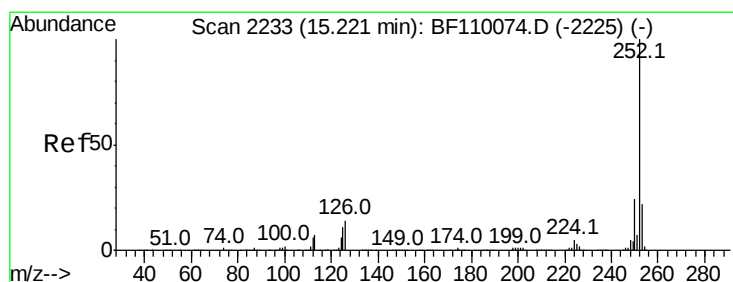
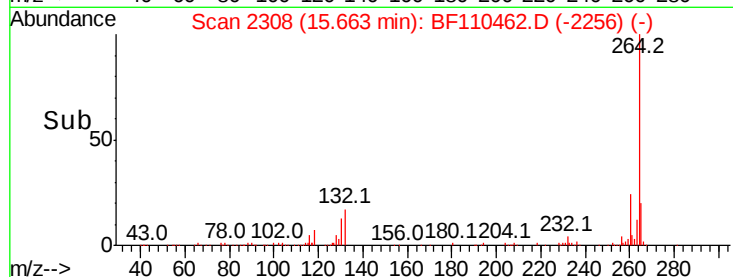
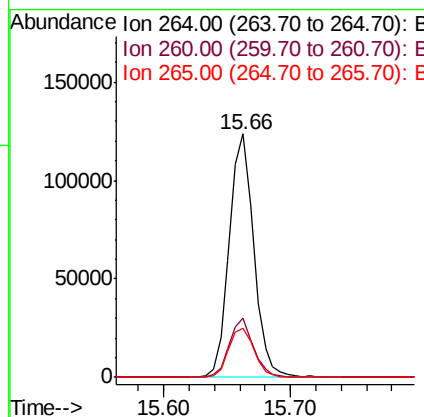
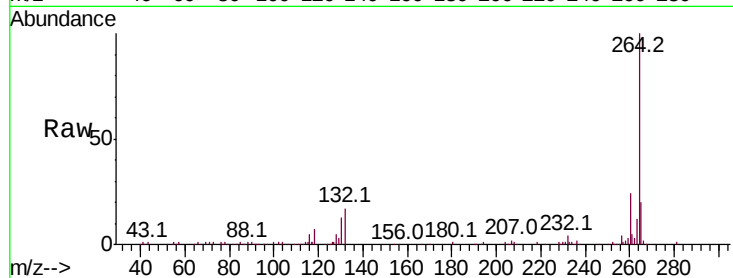
ClientSampled :

8BMSD

Tot Ion:	264	Resp:	165410
Ion Ratio		Lower	Upper
264	100		
260	24.1	18.7	28.1
265	20.3	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 53.973 ng

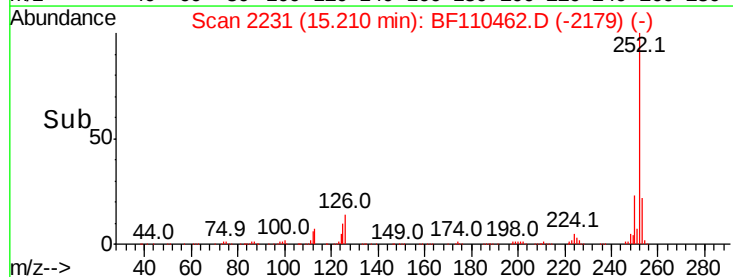
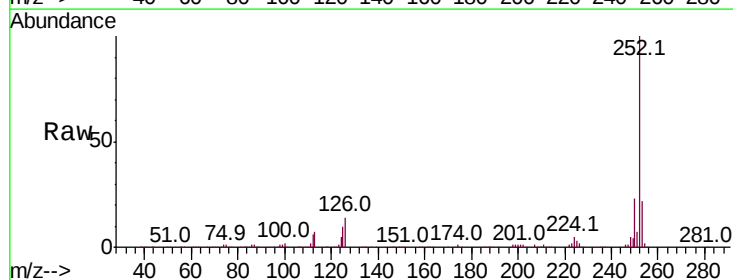
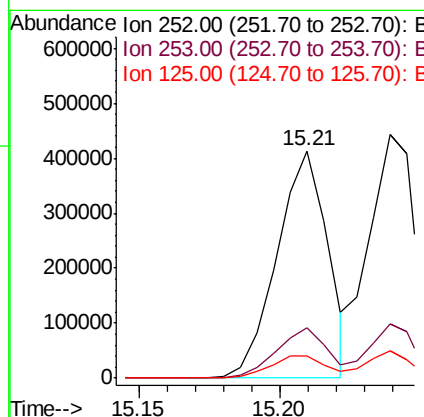
RT: 15.21 min Scan# 2231

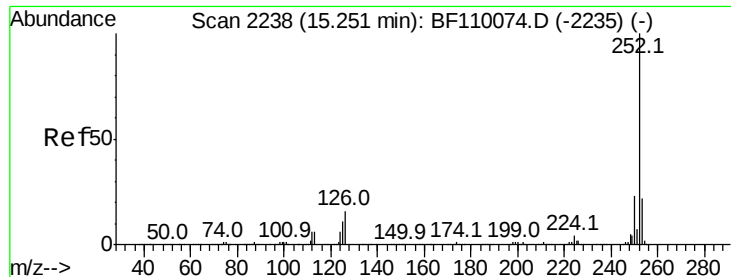
Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Tgt Ion:	252	Resp:	515544
Ion Ratio		Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.0	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 54.350 ng m

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF110462.D

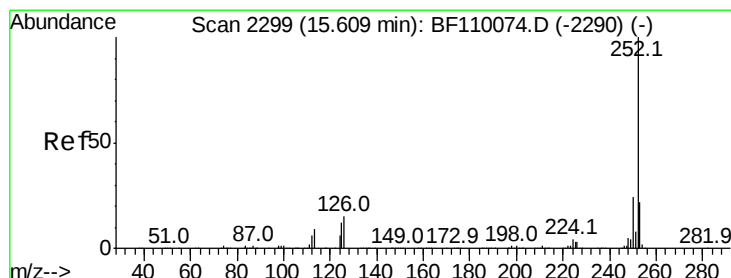
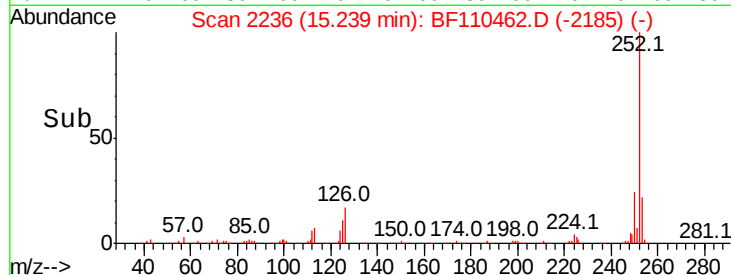
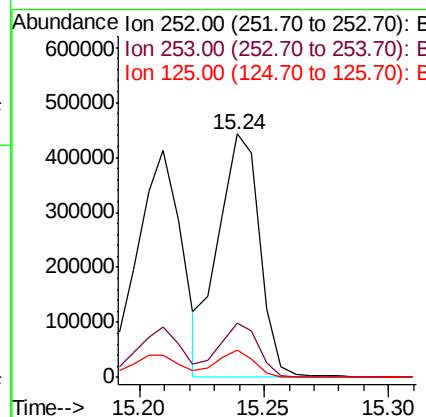
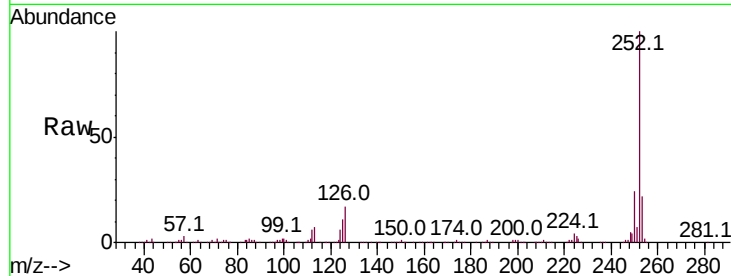
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampled :
8BMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.2	7.4	11.0

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#90

Benzo(a)pyrene

Concen: 57.783 ng

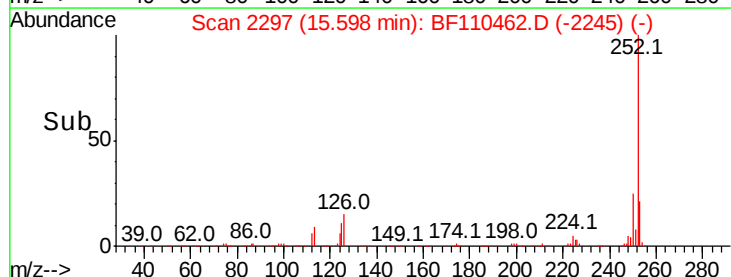
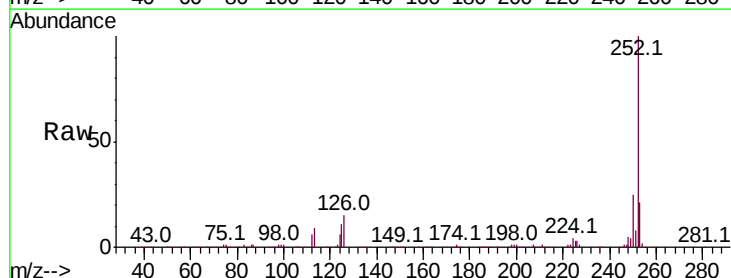
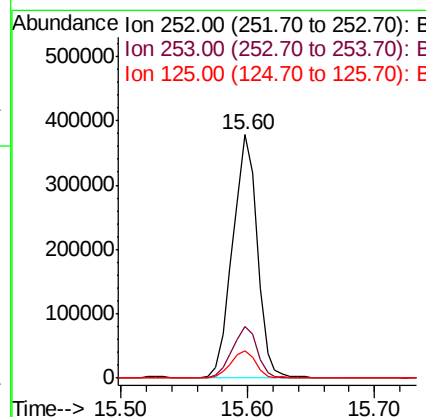
RT: 15.60 min Scan# 2297

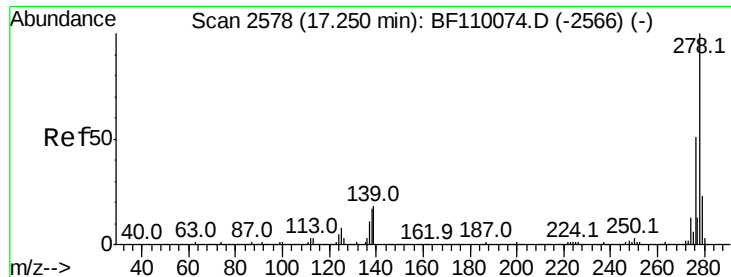
Delta R.T. 0.01 min

Lab File: BF110462.D

Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.2	27.4
125	11.3	9.0	13.6





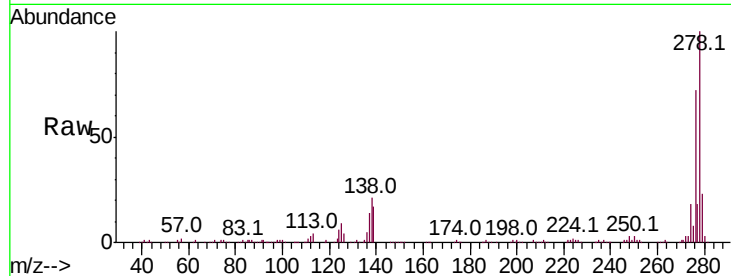
#91
Dibenzo(a,h)anthracene
Concen: 67.527 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Instrument :
BNA_F
ClientSampleId :
8BMSD

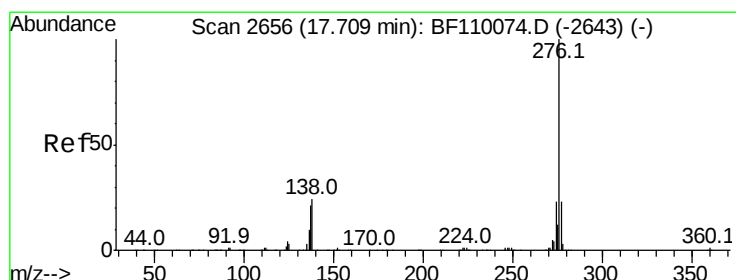
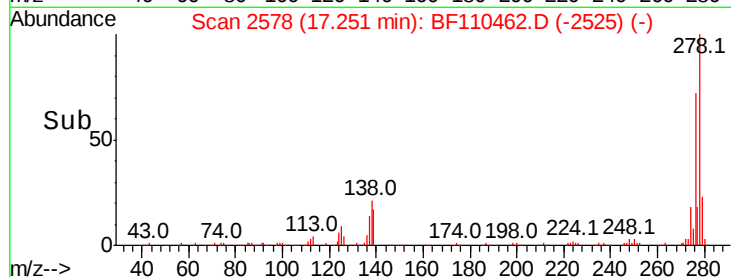
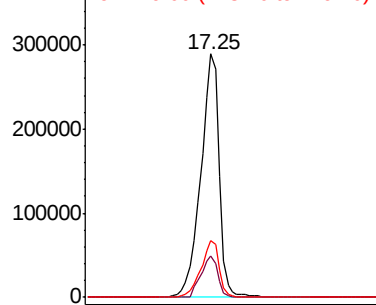
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.7	19.1
279	23.3	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/6/2018 1:19:12 PM

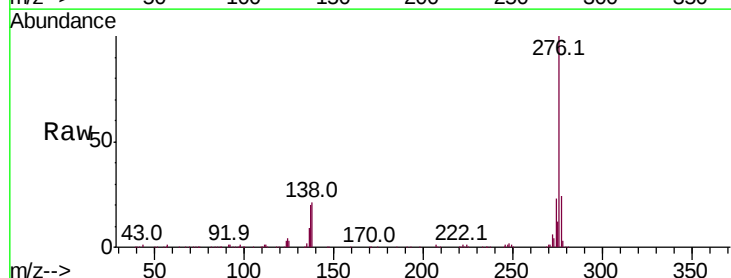


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 71.560 ng
RT: 17.72 min Scan# 2658
Delta R.T. 0.02 min
Lab File: BF110462.D
Acq: 5 Nov 2018 14:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.0	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

