

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110723.D
 Acq On : 13 Nov 2018 17:09
 Operator : JU/SJ
 Sample : J5910-07MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-4-DMSD

Manual Integrations
 APPROVED

Sohil
 11/14/2018 1:48:39 PM

Quant Time: Nov 13 18:37:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88332	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	363061	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	169222	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	290604	20.00	ng	0.00
76) Chrysene-d12	14.13	240	162218	20.00	ng	0.00
87) Perylene-d12	15.66	264	171371	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	676254	124.35	ng	0.01
7) Phenol-d6	6.58	99	873364	125.59	ng	0.00
23) Nitrobenzene-d5	7.52	82	551845	87.53	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	206331	121.01	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	998417	84.26	ng	0.00
79) Terphenyl-d14	13.06	244	744013	85.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	83733	30.903	ng	90
3) Pyridine	3.62	79	220534	37.707	ng	86
4) n-Nitrosodimethylamine	3.58	42	126082	50.242	ng	88
6) Aniline	6.62	93	279672	30.839	ng	# 54
8) 2-Chlorophenol	6.73	128	275339	43.190	ng	99
9) Benzaldehyde	6.50	77	157146	42.868	ng	95
10) Phenol	6.59	94	435409	53.998	ng	# 66
11) bis(2-Chloroethyl)ether	6.68	93	256855	42.505	ng	92
12) 1,3-Dichlorobenzene	6.89	146	280318	40.188	ng	98
13) 1,4-Dichlorobenzene	6.96	146	288681	40.756	ng	98
14) 1,2-Dichlorobenzene	7.12	146	271761	41.243	ng	99
15) Benzyl Alcohol	7.09	79	241861	44.444	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	403396	42.507	ng	73
17) 2-Methylphenol	7.20	107	220502	43.461	ng	# 86
18) Hexachloroethane	7.45	117	106146	40.592	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	188579	42.483	ng	96
20) 3+4-Methylphenols	7.35	107	278371	42.741	ng	# 82
22) Acetophenone	7.36	105	378316	44.711	ng	# 94
24) Nitrobenzene	7.53	77	287901	44.573	ng	95
25) Isophorone	7.76	82	521931	50.512	ng	98
26) 2-Nitrophenol	7.85	139	146131	45.350	ng	97
27) 2,4-Dimethylphenol	7.87	122	249749	50.892	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	326713	46.700	ng	99
29) 2,4-Dichlorophenol	8.09	162	230488	45.645	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	241589	42.434	ng	96
31) Naphthalene	8.25	128	791038	46.412	ng	100
32) Benzoic acid	7.99	122	54893	15.809	ng	87
33) 4-Chloroaniline	8.30	127	181354	23.491	ng	99
34) Hexachlorobutadiene	8.35	225	131589	40.466	ng	99
35) Caprolactam	8.68	113	78673m	46.634	ng	
36) 4-Chloro-3-methylphenol	8.78	107	250835	46.059	ng	96
37) 2-Methylnaphthalene	8.94	142	544615	48.744	ng	99
38) 1-Methylnaphthalene	9.04	142	506783	47.164	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	226942	42.367	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	138146	67.478	nq	98
43) 2,4,6-Trichlorophenol	9.22	196	152523	45.312	nq	95
44) 2,4,5-Trichlorophenol	9.26	196	162766	45.332	nq	93
46) 1,1'-Biphenyl	9.40	154	659327	41.767	nq	100
47) 2-Chloronaphthalene	9.43	162	493948	43.432	nq	99
48) 2-Nitroaniline	9.53	65	159119	45.402	nq	97
49) Acenaphthylene	9.85	152	766341	46.790	nq	99
50) Dimethylphthalate	9.70	163	713455	56.503	nq	100
51) 2,6-Dinitrotoluene	9.77	165	126646	45.594	nq	99
52) Acenaphthene	10.02	154	458499	44.297	nq	98
53) 3-Nitroaniline	9.95	138	98604	30.641	nq	94
54) 2,4-Dinitrophenol	10.06	184	60072	55.801	nq	95
55) Dibenzofuran	10.20	168	661304	43.669	nq	95
56) 4-Nitrophenol	10.12	139	171600	80.377	nq	94
57) 2,4-Dinitrotoluene	10.19	165	163227	45.195	nq	97
58) Fluorene	10.54	166	536028	46.083	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	129268m	45.765	nq	
60) Diethylphthalate	10.40	149	569593	45.597	nq	100
61) 4-Chlorophenyl-phenylether	10.52	204	255286	42.388	nq	97
62) 4-Nitroaniline	10.57	138	122945	37.940	nq	95
63) Azobenzene	10.69	77	531023	43.570	nq	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	54336	37.099	nq	88
66) n-Nitrosodiphenylamine	10.65	169	462547	47.221	nq	98
67) 4-Bromophenyl-phenylether	11.02	248	145612	45.337	nq	91
68) Hexachlorobenzene	11.09	284	150926	44.571	nq	# 88
69) Atrazine	11.17	200	143459	47.899	nq	98
70) Pentachlorophenol	11.29	266	132516	73.342	nq	99
71) Phenanthrene	11.51	178	721448	46.339	nq	99
72) Anthracene	11.56	178	743339	47.330	nq	99
73) Carbazole	11.72	167	615431	40.803	nq	99
74) Di-n-butylphthalate	12.02	149	811892	45.902	nq	99
75) Fluoranthene	12.70	202	612942	39.268	nq	100
77) Benzidine	12.82	184	77145	17.293	nq	96
78) Pyrene	12.93	202	589717	47.214	nq	98
80) Butylbenzylphthalate	13.53	149	253460	47.147	nq	99
81) Benzo(a)anthracene	14.12	228	451681	46.585	nq	100
82) 3,3'-Dichlorobenzidine	14.07	252	117908	36.301	nq	98
83) Chrysene	14.16	228	425516	46.065	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	325176	48.759	nq	98
85) Di-n-octyl phthalate	14.69	149	550989	56.183	nq	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	510242	76.975	nq	96
88) Benzo(b)fluoranthene	15.20	252	435934	42.522	nq	99
89) Benzo(k)fluoranthene	15.23	252	442186	43.650	nq	98
90) Benzo(a)pyrene	15.59	252	440716	47.314	nq	98
91) Dibenzo(a,h)anthracene	17.24	278	426822	54.148	nq	99
92) Benzo(g,h,i)perylene	17.71	276	413354	52.852	nq	97

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

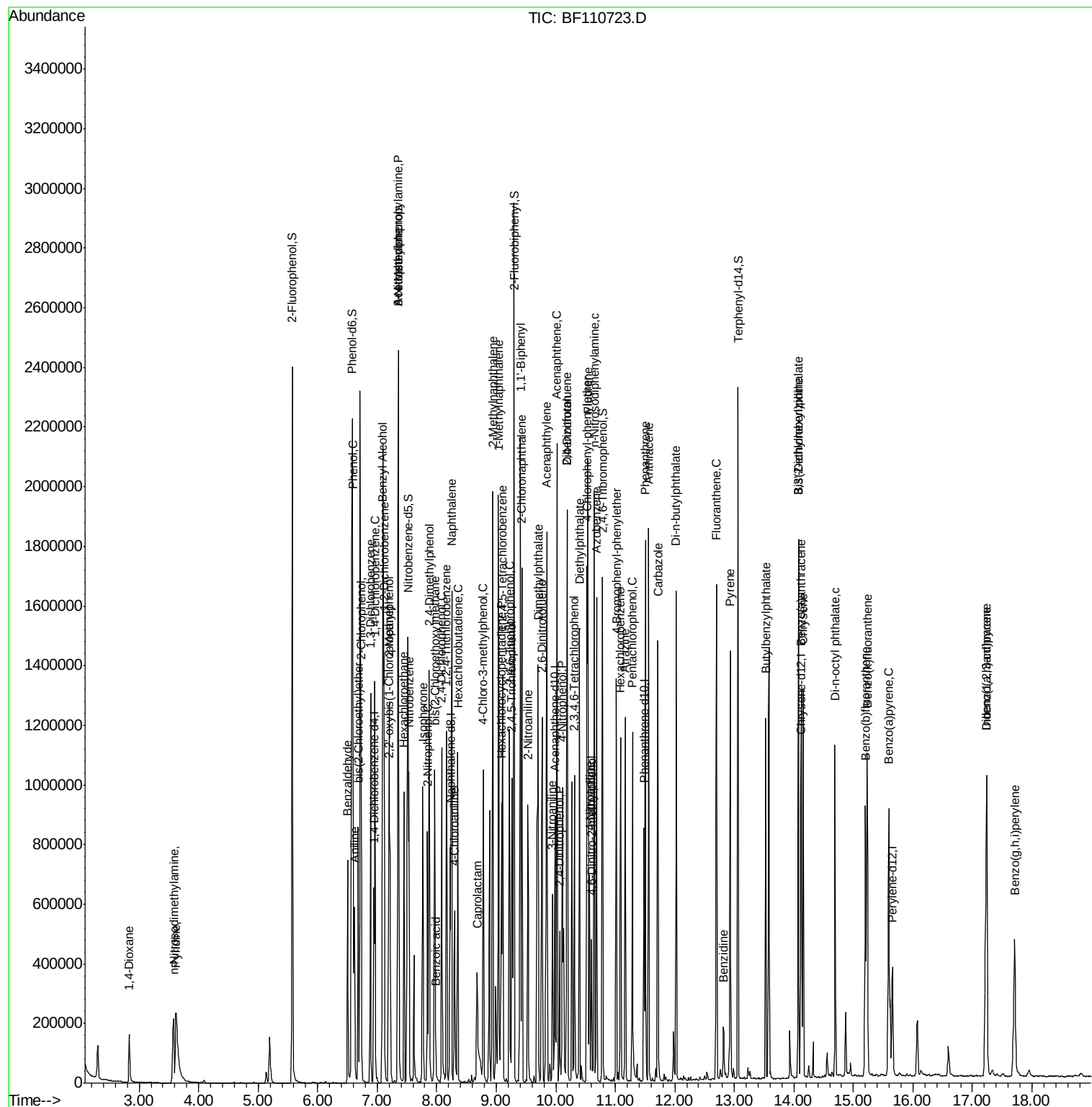
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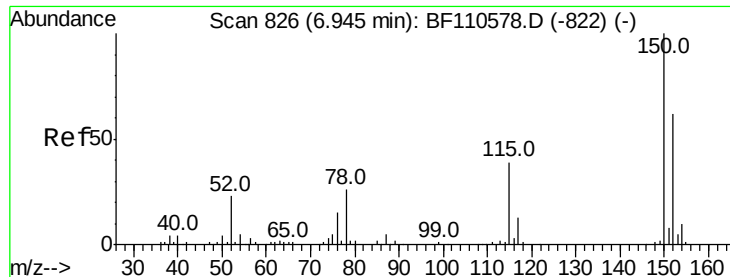
Instrument :
BNA_F
ClientSampled :
W-4-DMSD

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#1

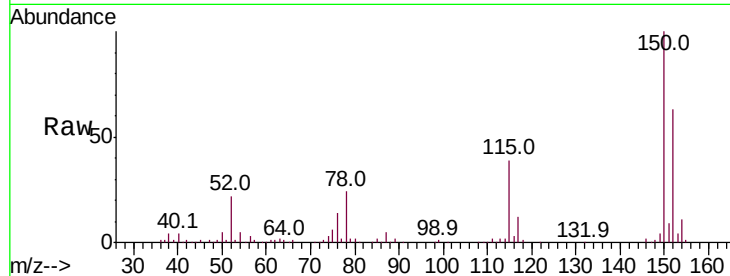
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.7	184.1
115	61.4	49.1	73.7

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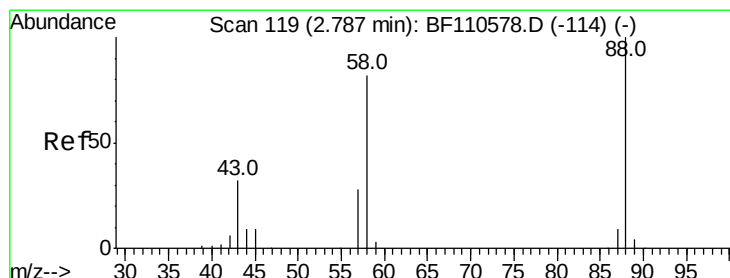
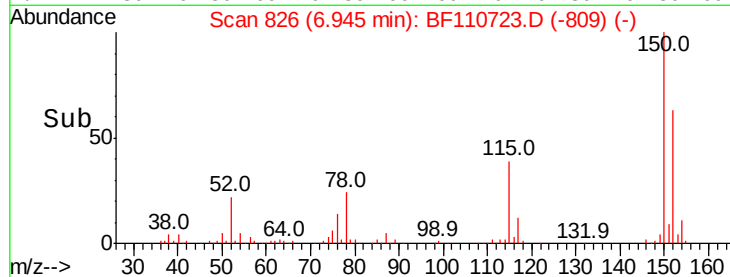
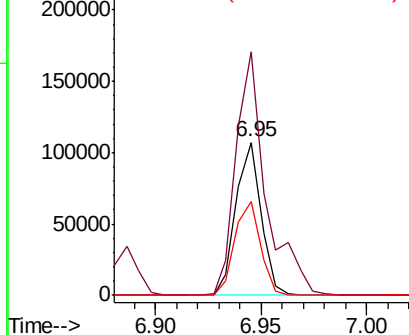


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

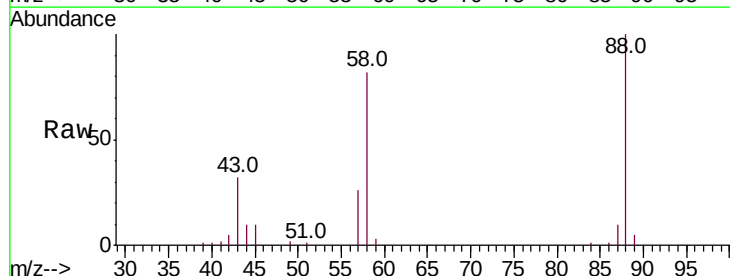
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.903 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.05 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	57.1	85.7
43	32.3	24.1	36.1

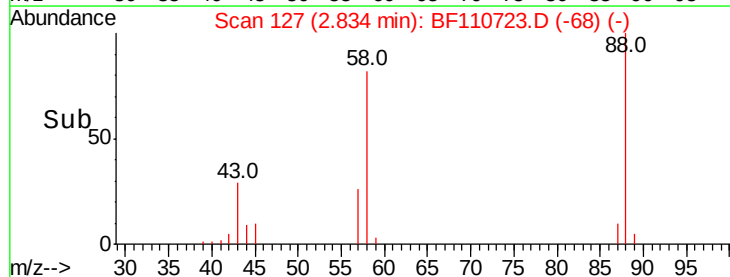
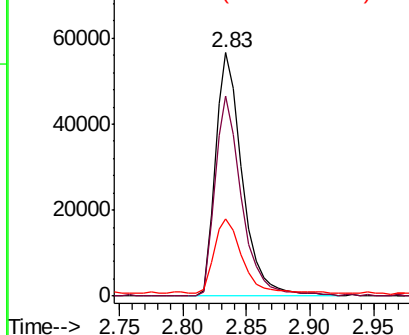


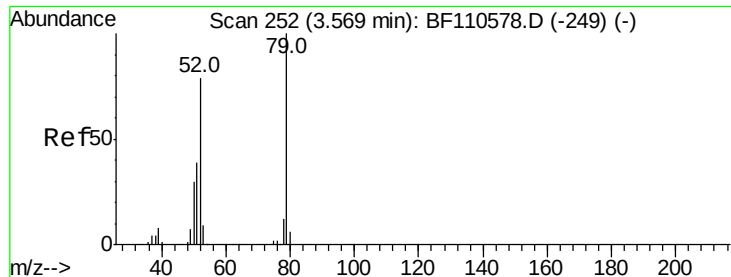
Abundance

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





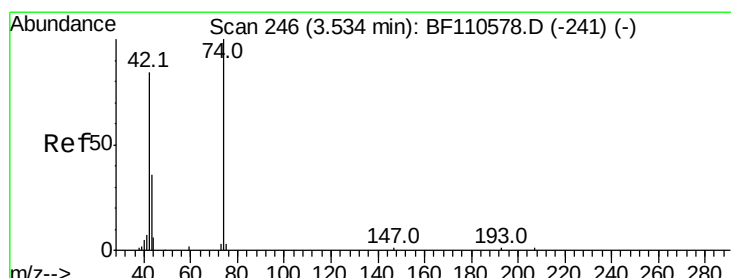
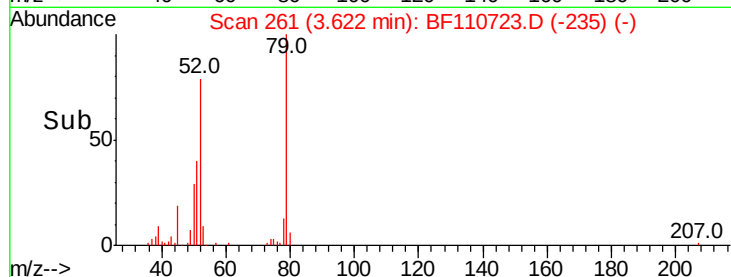
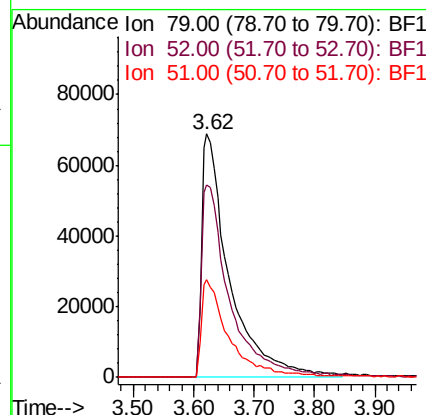
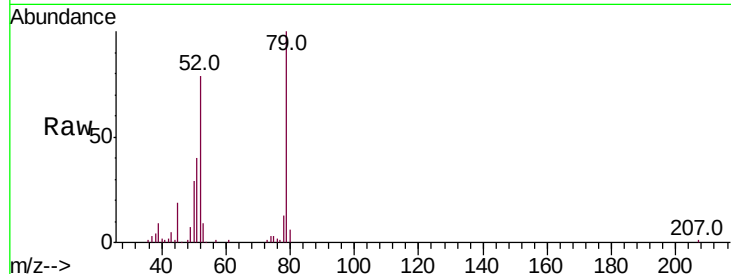
#3
 Pvridine
 Concen: 37.707 ng
 RT: 3.62 min Scan# 261
 Delta R.T. 0.05 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :
 W-4-DMSD

Tot Ion: 79 Resp: 220534
 Ion Ratio Lower Upper
 79 100
 52 78.9 53.1 79.7
 51 39.9 27.4 41.2

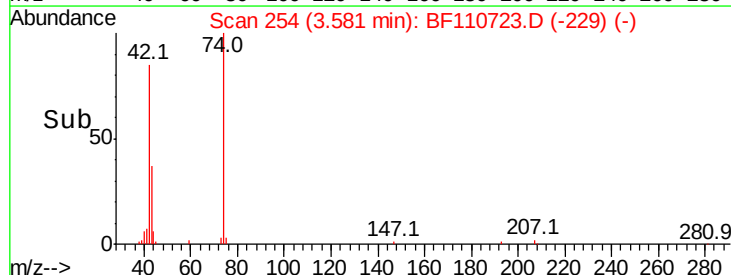
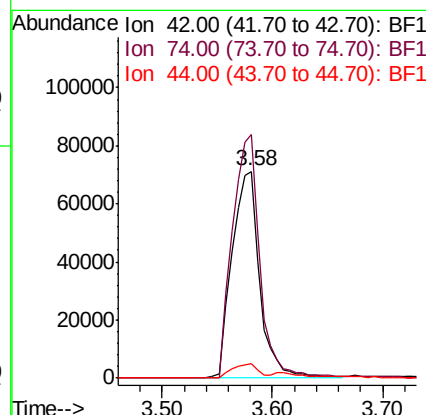
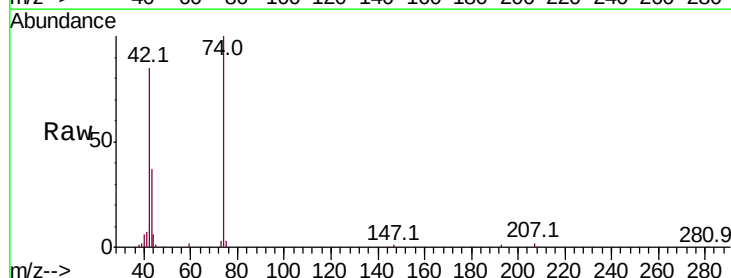
Manual Integrations
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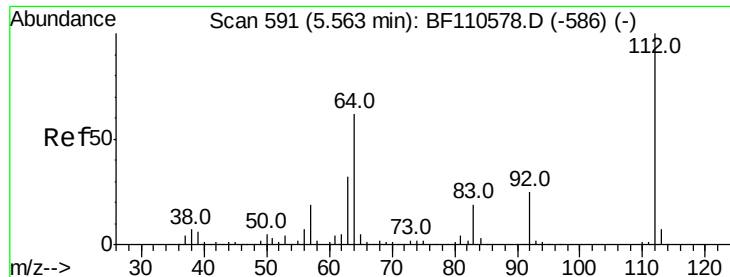
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#4
 n-Nitrosodimethylamine
 Concen: 50.242 ng
 RT: 3.58 min Scan# 254
 Delta R.T. 0.05 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion: 42 Resp: 126082
 Ion Ratio Lower Upper
 42 100
 74 117.6 105.5 158.3
 44 6.7 4.9 7.3





#5

2-Fluorophenol

Concen: 124.355 ng

RT: 5.57 min Scan# 593

Delta R.T. 0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

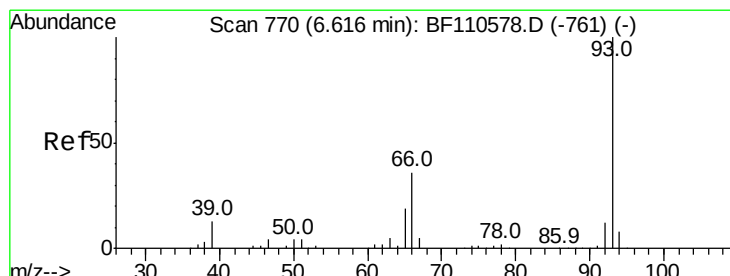
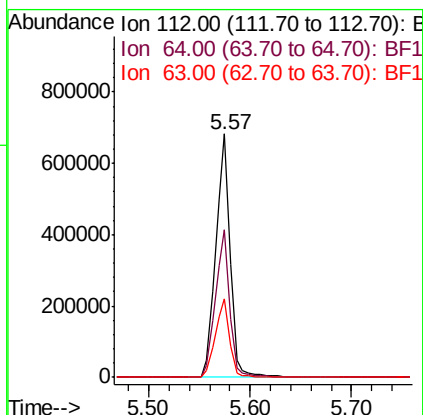
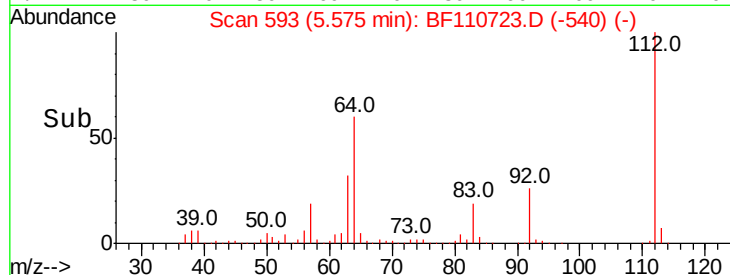
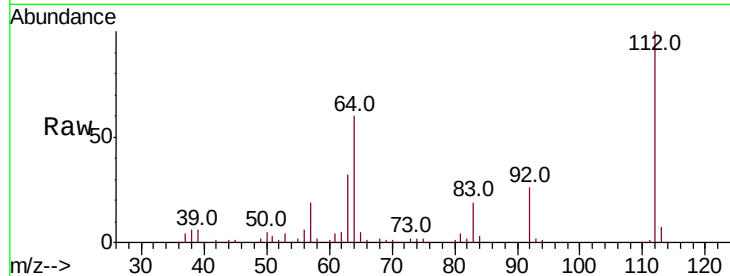
ClientSampleId :

W-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	676254		
64	60.4	44.1	66.1	
63	32.2	23.7	35.5	

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#6

Aniline

Concen: 30.839 ng

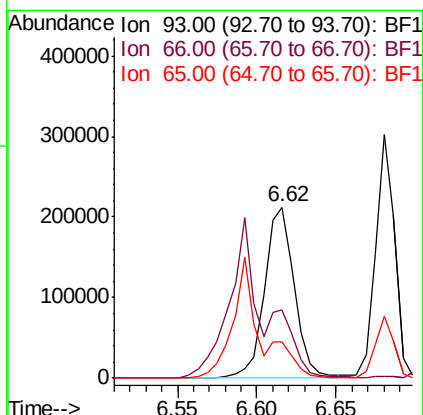
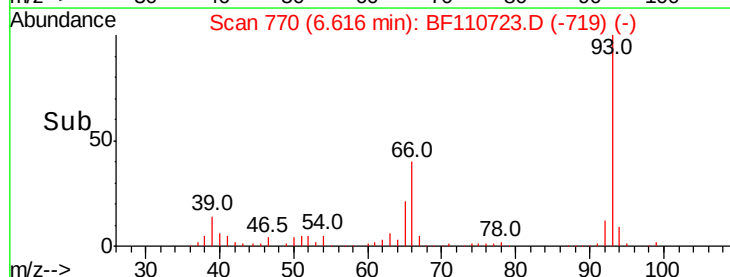
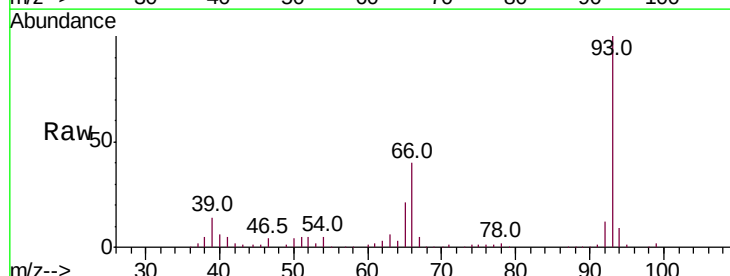
RT: 6.62 min Scan# 770

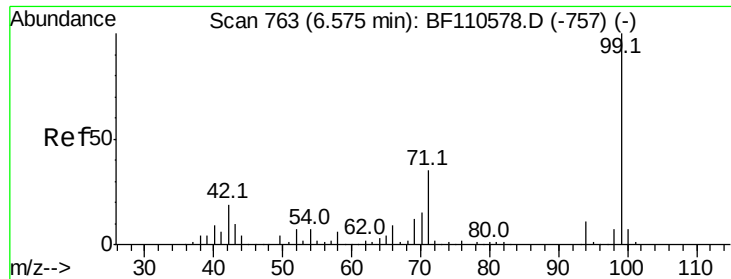
Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	279672		
66	40.0	67.4	101.0#	
65	21.4	41.0	61.4#	





#7

Phenol-d6

Concen: 125.591 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

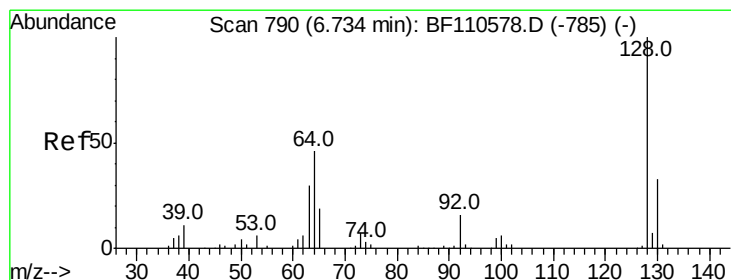
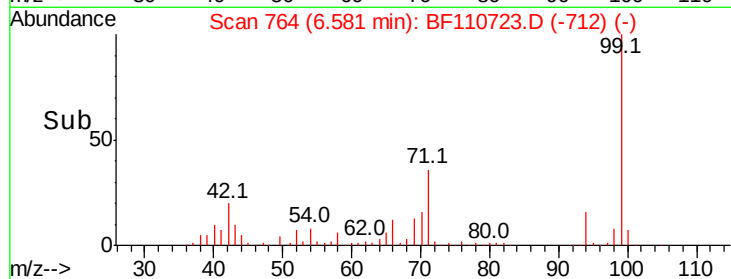
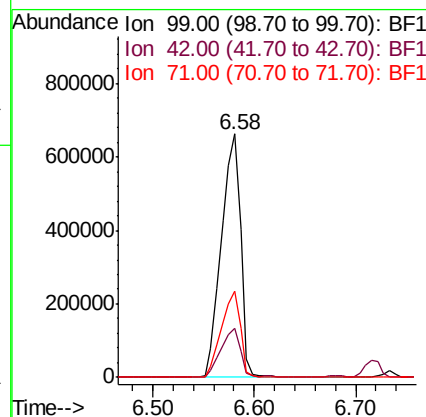
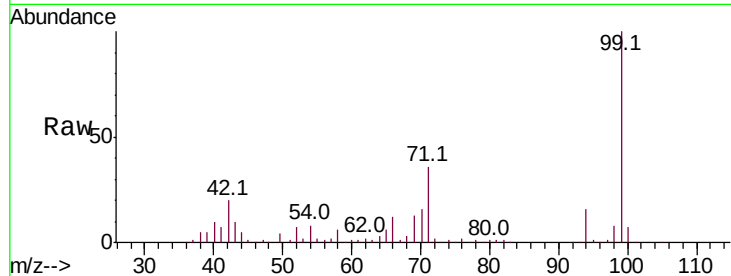
ClientSampleId :

W-4-DMSD

Tot Ion:	99	Resp:	873364
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.8	23.6
71	35.6	28.0	42.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 43.190 ng

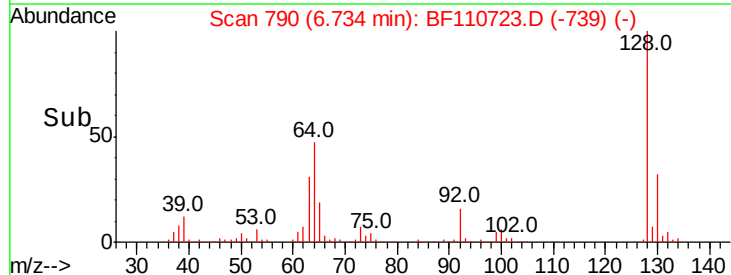
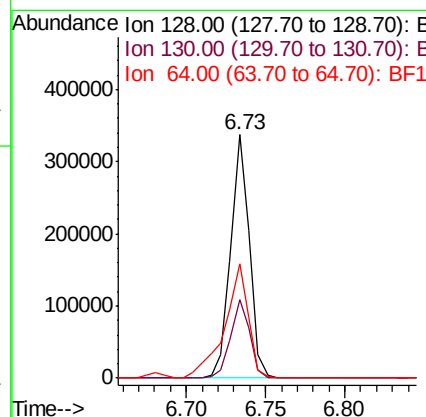
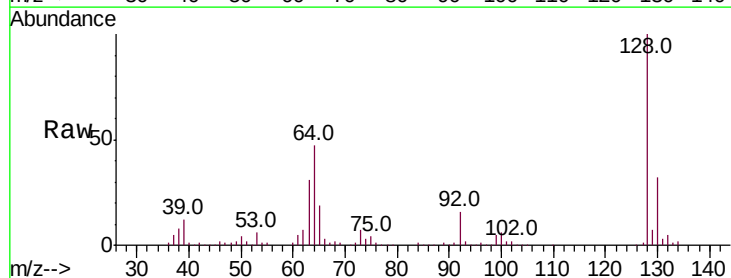
RT: 6.73 min Scan# 790

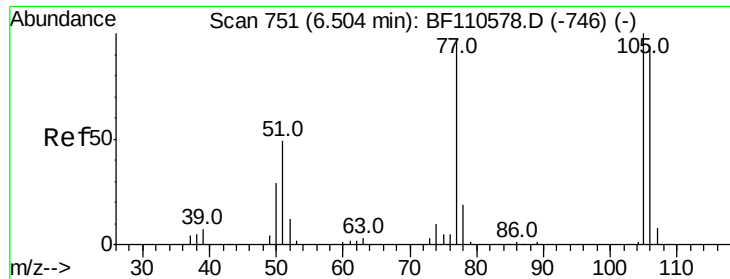
Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Tgt Ion:	128	Resp:	275339
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.1	53.1
64	46.9	26.0	66.0





#9

Benzaldehyde

Concen: 42.868 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

W-4-DMSD

Tot Ion: 77 Resp: 157146

Ion Ratio Lower Upper

77 100

105 104.9 78.6 118.6

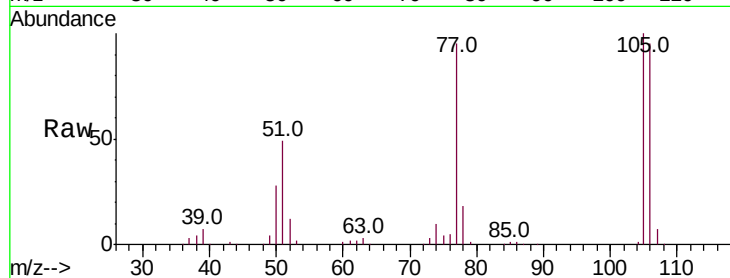
106 99.3 74.8 114.8

Manual Integrations

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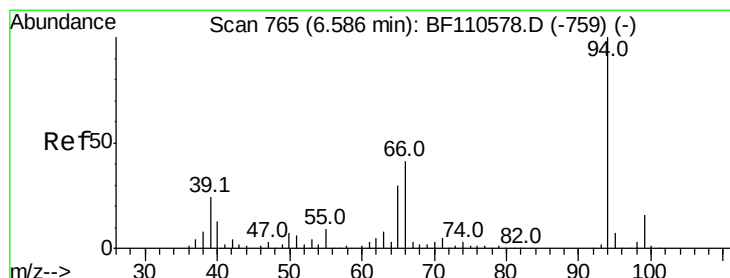
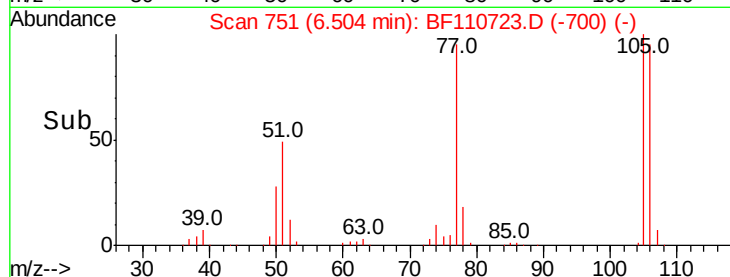
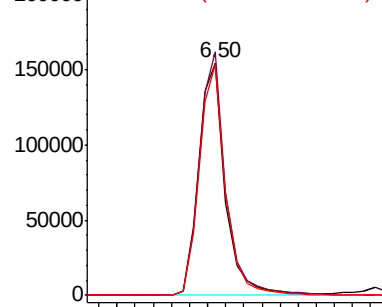
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 53.998 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

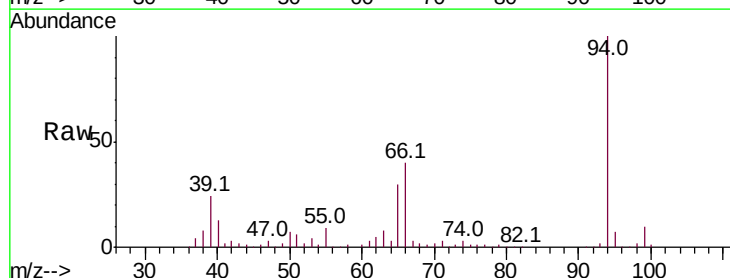
Tgt Ion: 94 Resp: 435409

Ion Ratio Lower Upper

94 100

65 30.1 25.3 65.3

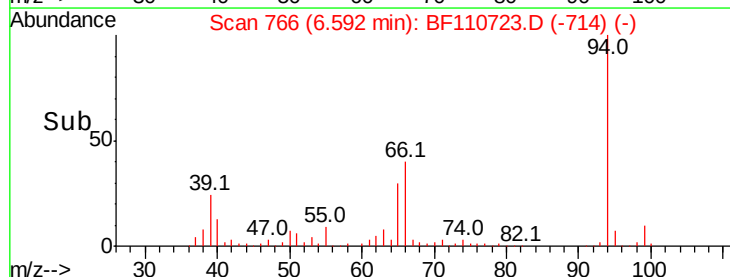
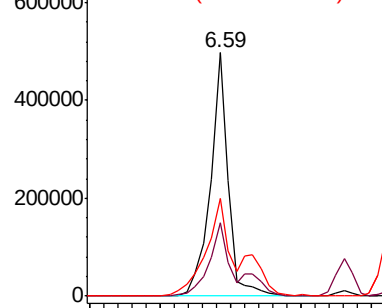
66 40.1 54.5 94.5#

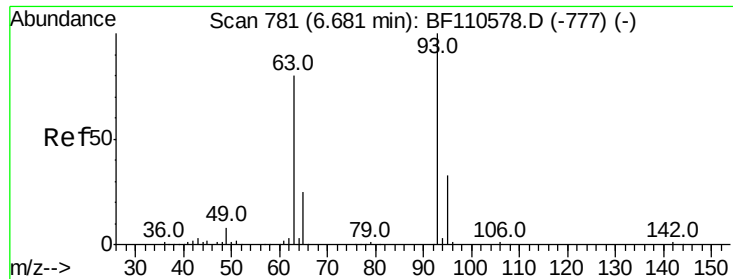


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





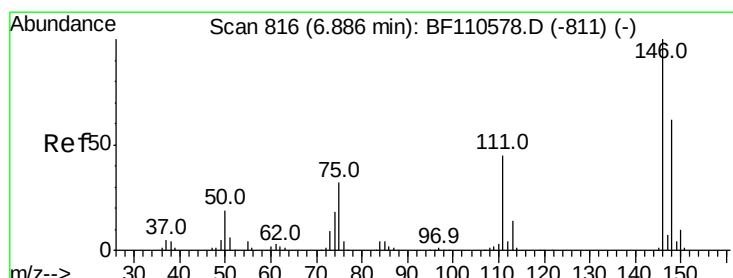
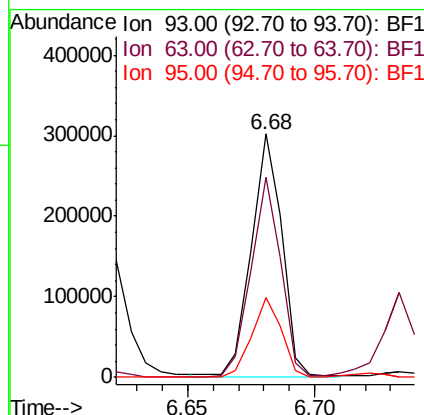
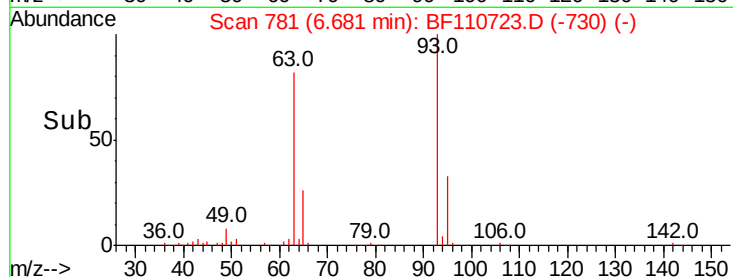
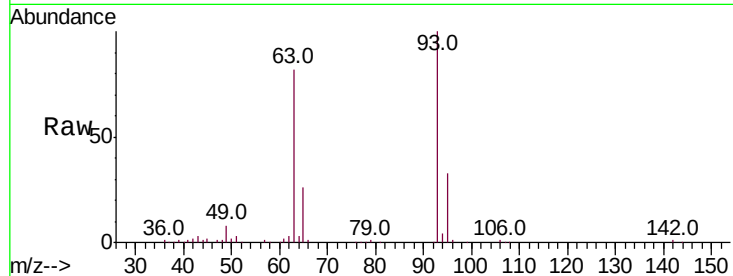
#11
bis(2-Chloroethyl)ether
Concen: 42.505 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	93	Resp	256855
Ion Ratio	100	Lower	Upper
93	100		
63	82.3	53.4	93.4
95	32.6	12.1	52.1

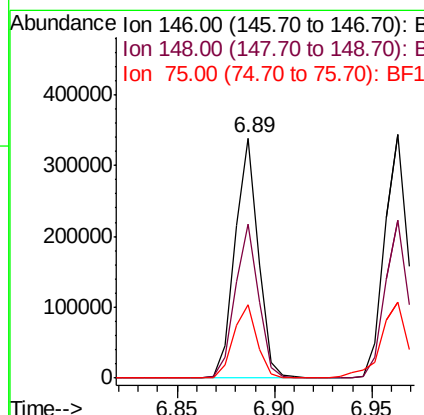
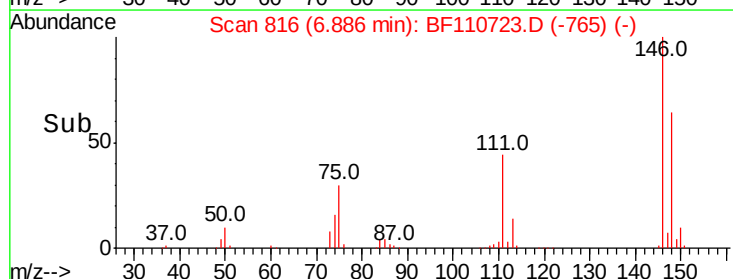
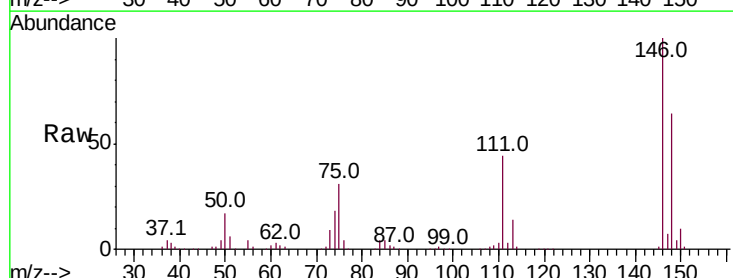
Manual Integrations
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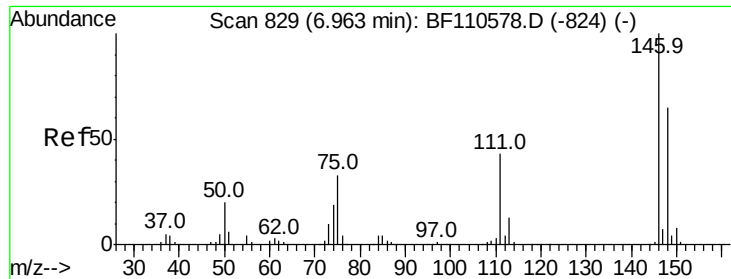
Sohil
11/14/2018 1:48:39 PM



#12
1,3-Dichlorobenzene
Concen: 40.188 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	146	Resp	280318
Ion Ratio	100	Lower	Upper
146	100		
148	64.3	50.4	75.6
75	30.7	25.8	38.6





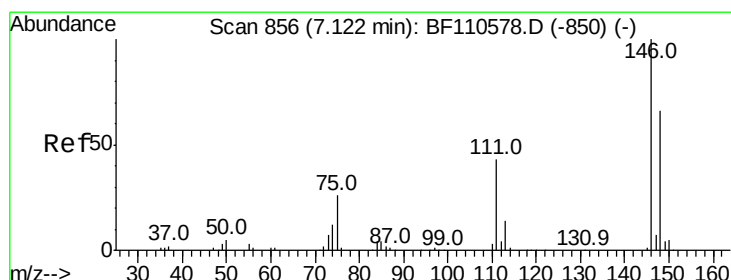
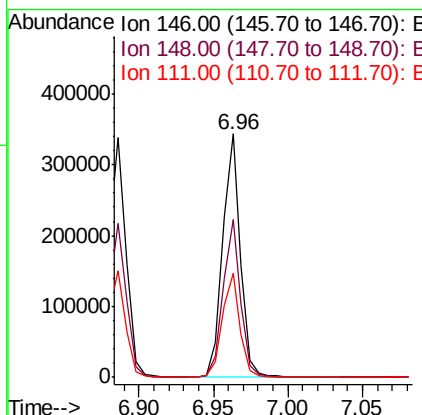
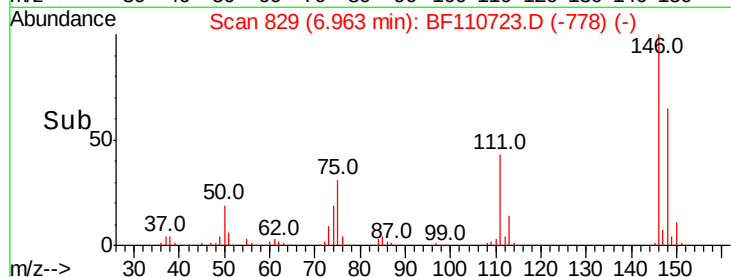
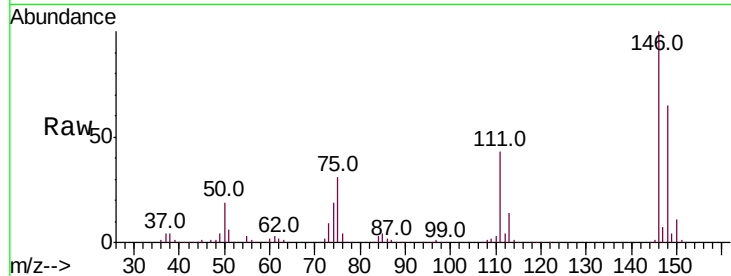
#13
 1,4-Dichlorobenzene
 Concen: 40.756 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :
 W-4-DMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.3	75.5
111	42.8	32.7	49.1

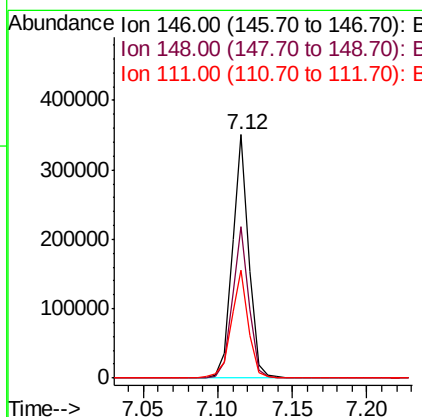
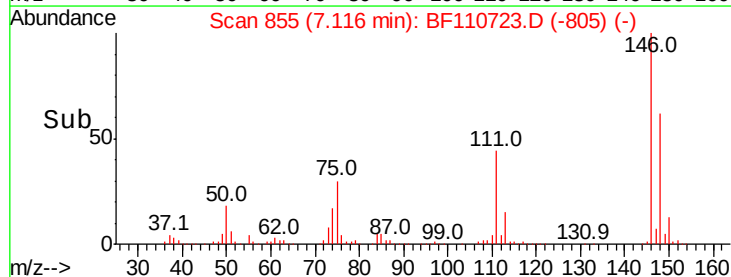
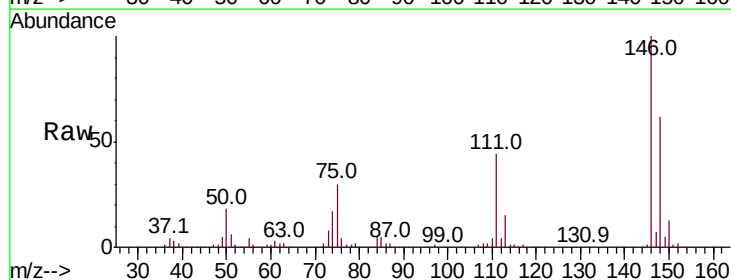
Manual Integrations
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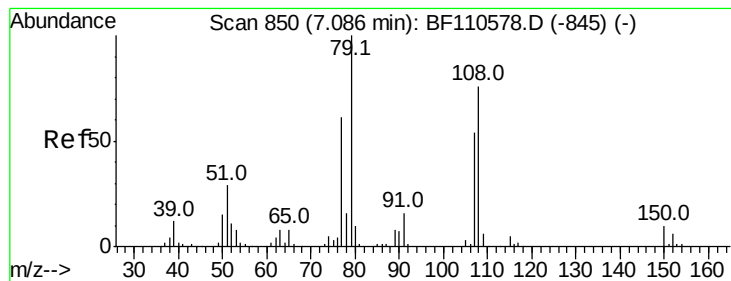
Sohil
 11/14/2018 1:48:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.243 ng
 RT: 7.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.1	76.7
111	44.3	35.8	53.6





#15

Benzyl Alcohol

Concen: 44.444 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

W-4-DMSD

Tot Ion: 79 Resp: 241861

Ion Ratio Lower Upper

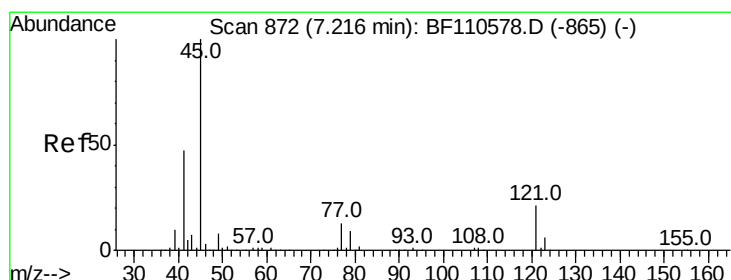
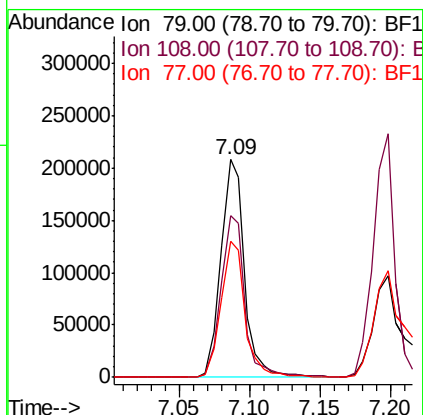
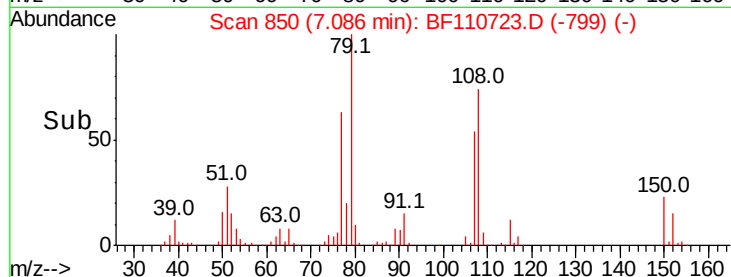
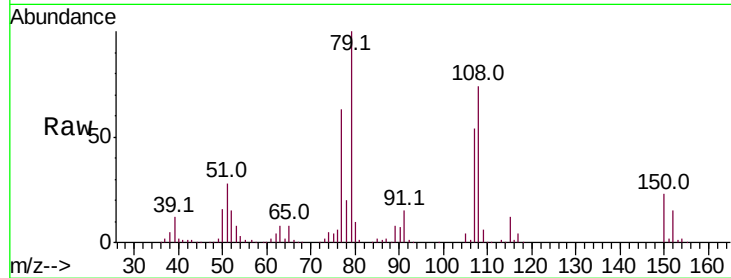
79 100

108 74.1 56.3 84.5

77 62.6 52.9 79.3

Manual Integrations
APPROVED

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11/14/2018 1:48:39 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.507 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

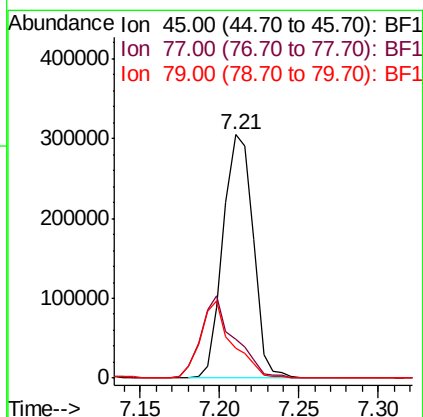
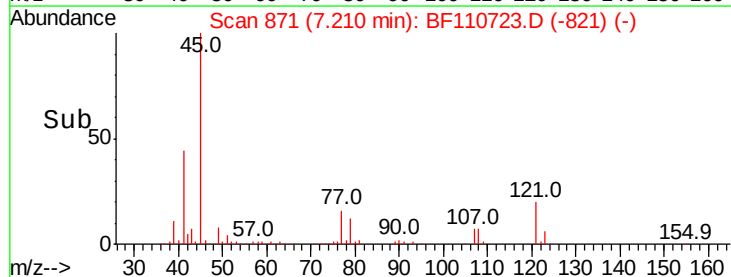
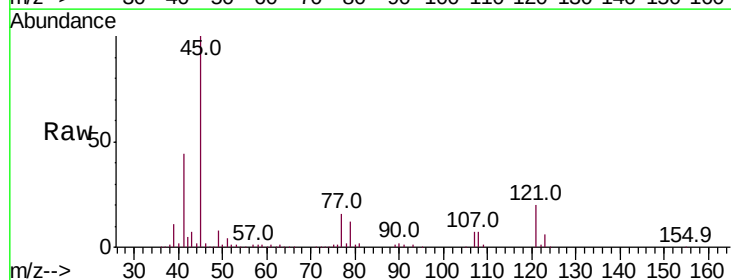
Tgt Ion: 45 Resp: 403396

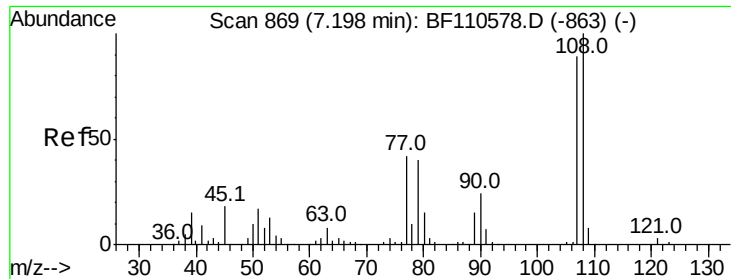
Ion Ratio Lower Upper

45 100

77 15.7 10.0 50.0

79 12.1 6.1 46.1





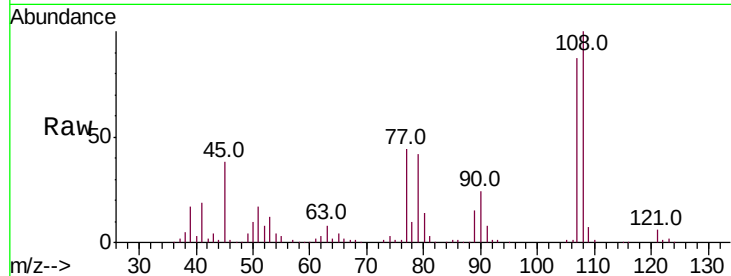
#17
2-Methylphenol
Concen: 43.461 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.4	92.6	138.8
77	50.9	59.4	89.2#
79	48.2	54.0	81.0#

Manual Integrations
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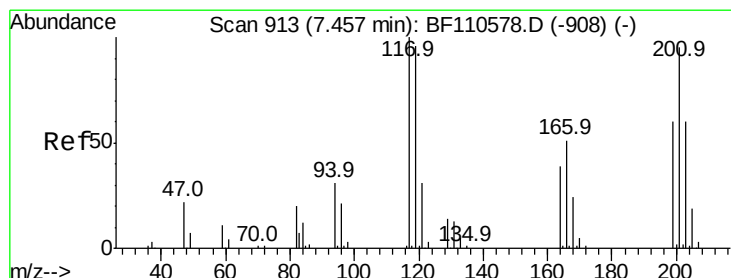
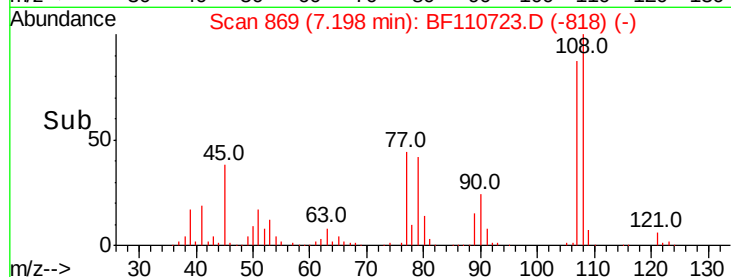
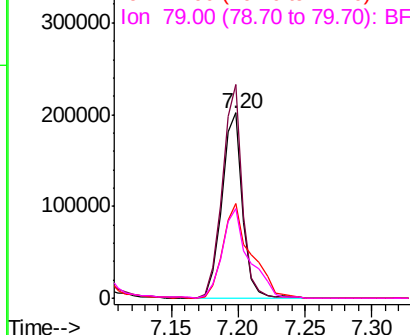
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.592 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

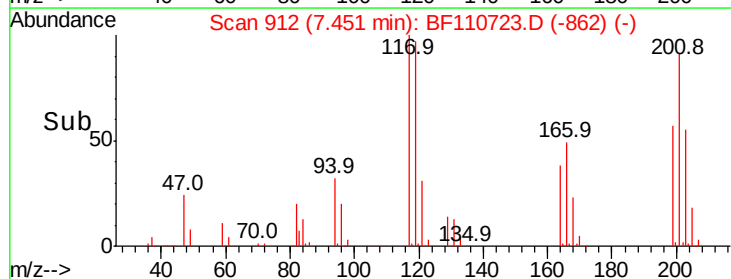
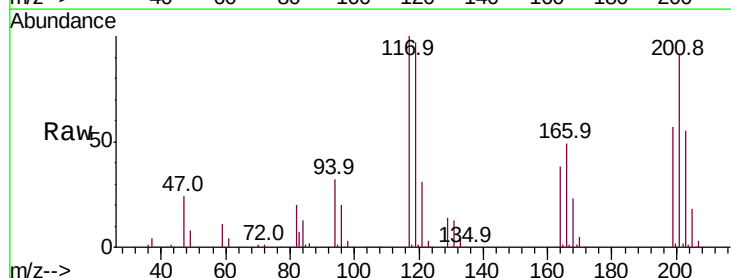
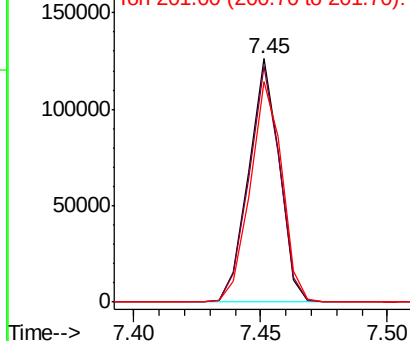
Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.0	112.6
201	90.7	79.2	118.8

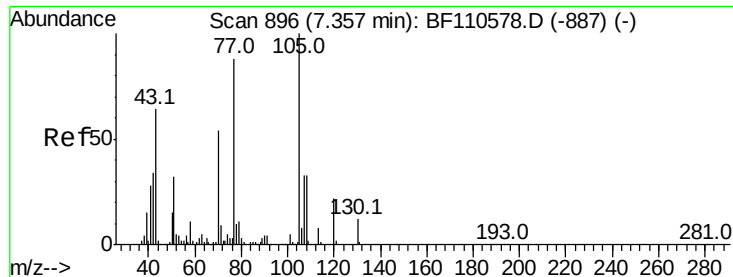
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





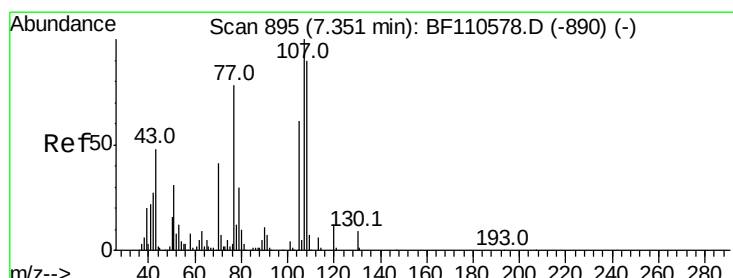
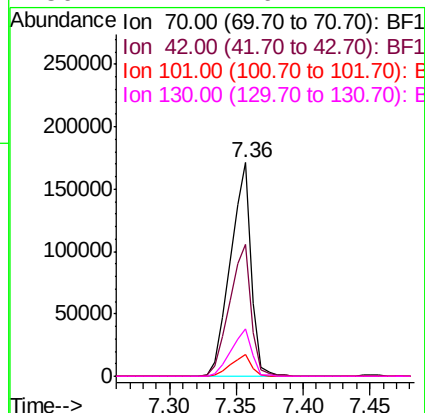
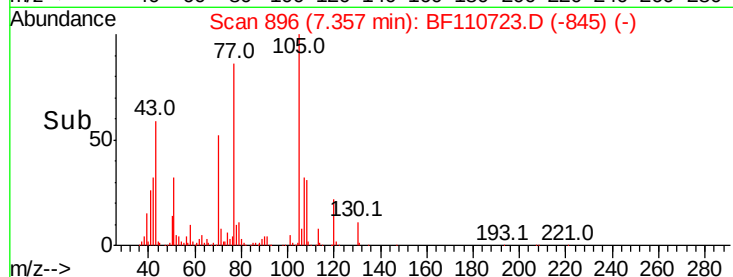
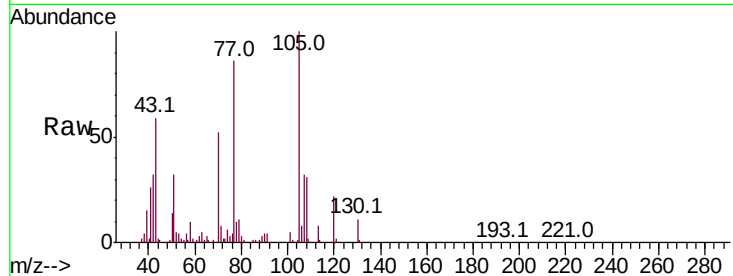
#19
n-Nitroso-di-n-propylamine
Concen: 42.483 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	47.4	71.2
101	9.9	7.3	10.9
130	22.2	16.2	24.2

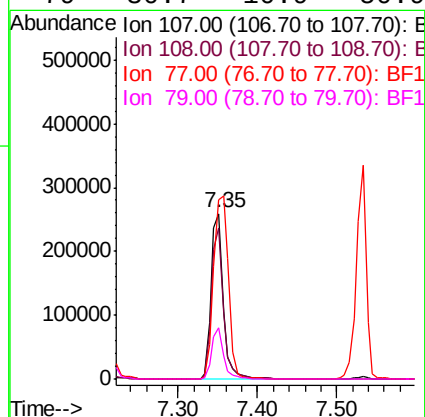
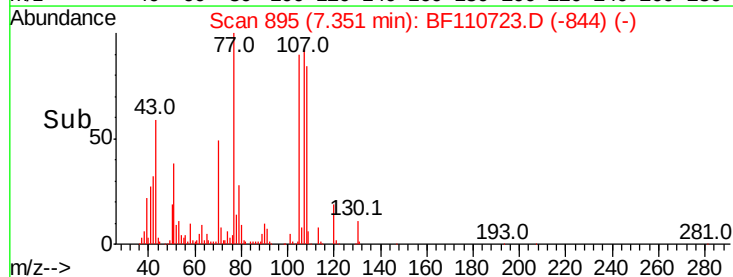
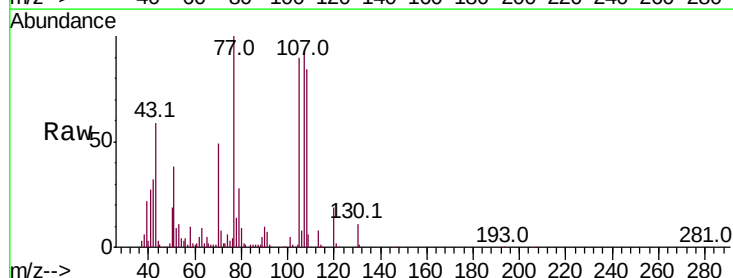
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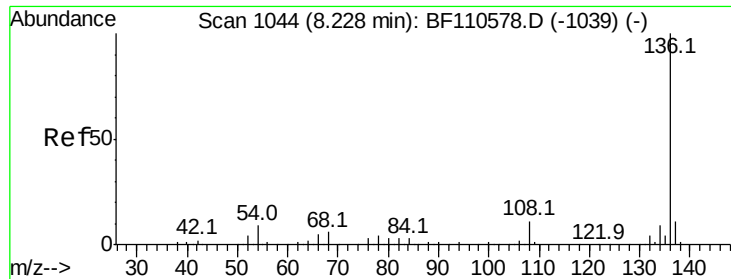
Sohil
11/14/2018 1:48:39 PM



#20
3+4-Methylphenols
Concen: 42.741 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.4	111.4
77	108.3	47.3	87.3#
79	30.7	10.9	50.9





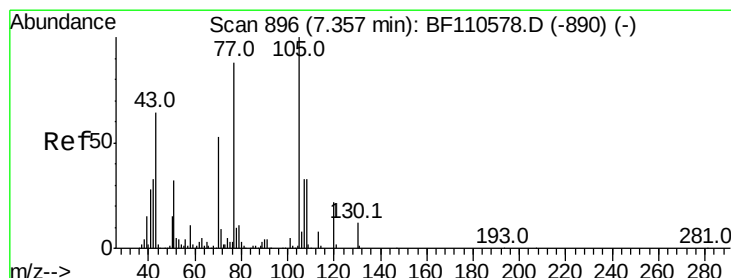
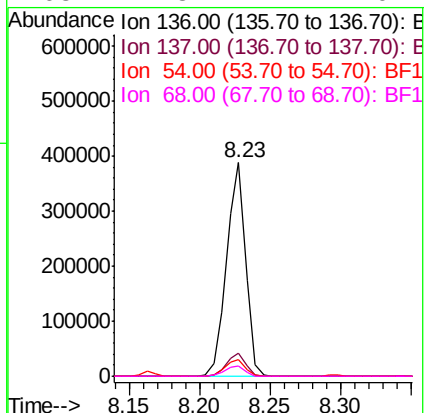
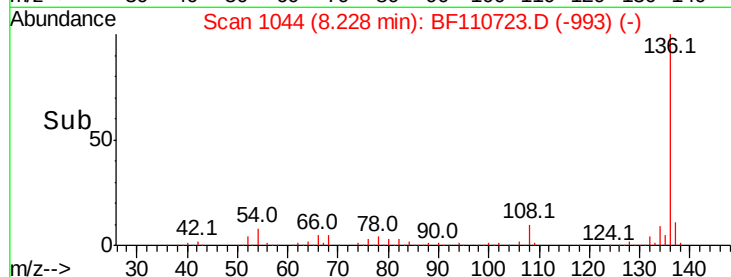
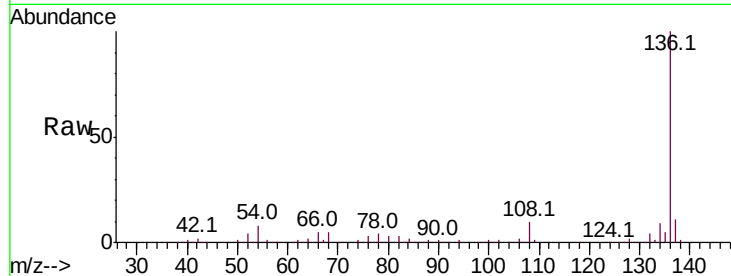
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.8	13.2	
54	8.0	5.4	8.2	
68	4.8	4.2	6.2	

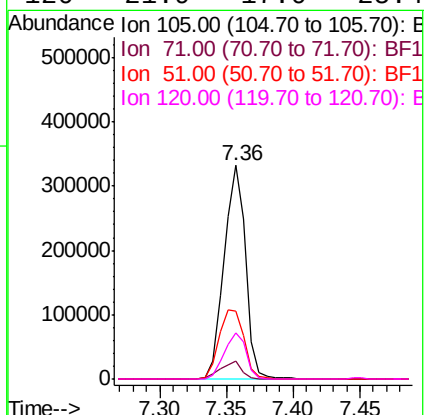
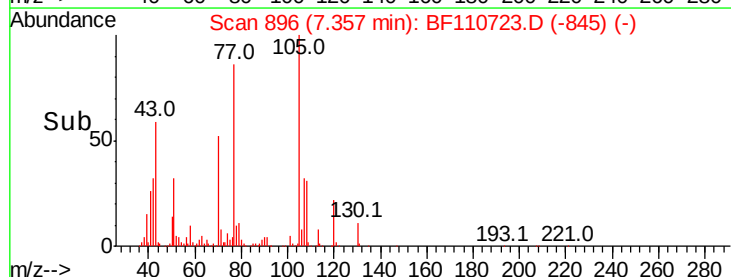
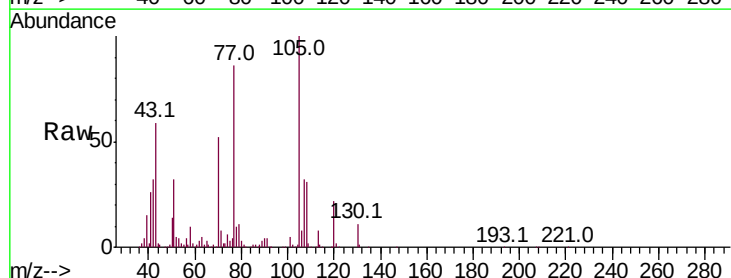
Manual Integrations
APPROVED

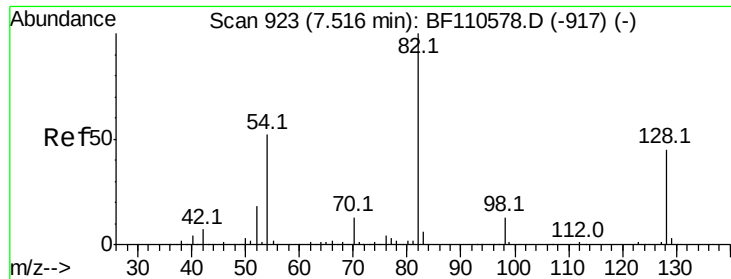
Sohil
11/14/2018 1:48:39 PM



#22
Acetophenone
Concen: 44.711 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.2	5.2	7.8#	
51	31.9	21.8	32.8	
120	21.9	17.0	25.4	





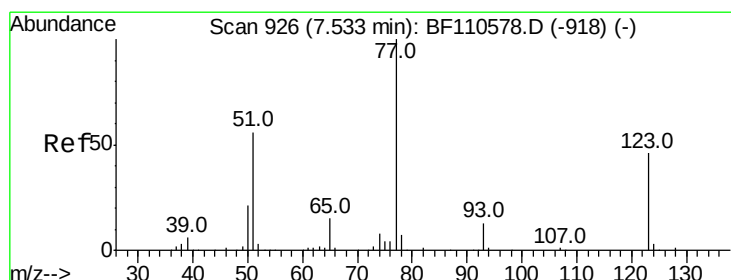
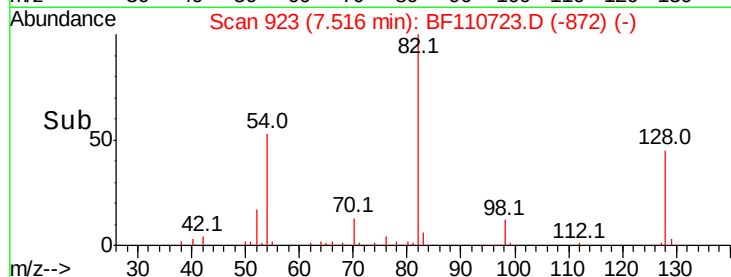
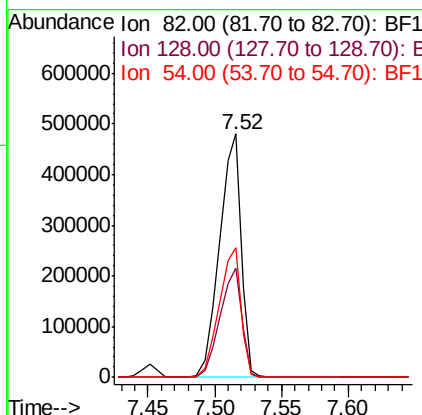
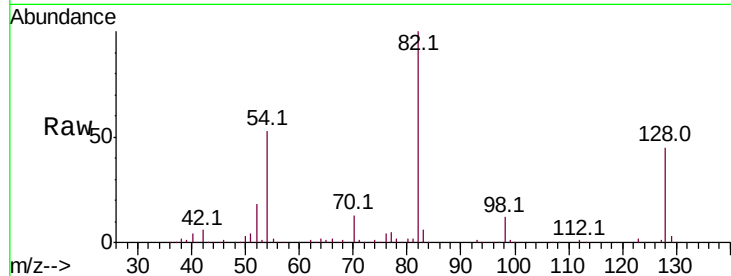
#23
 Nitrobenzene-d5
 Concen: 87.535 ng
 RT: 7.52 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :
 W-4-DMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.2
54	53.1	38.6	58.0

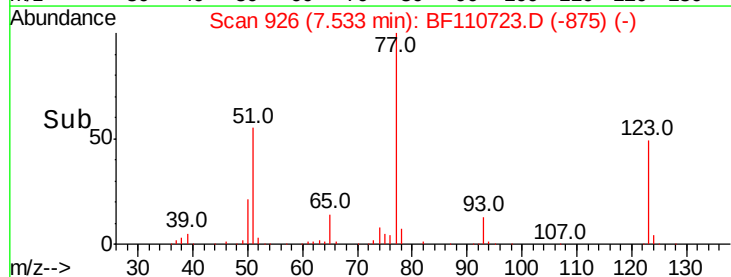
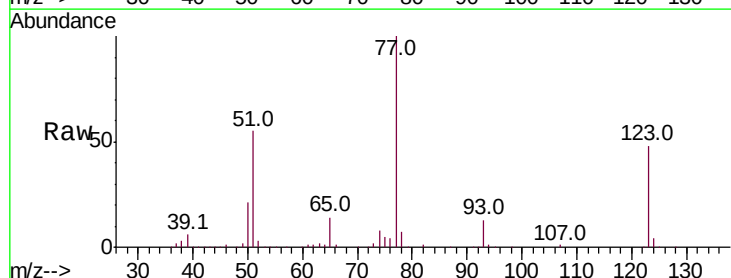
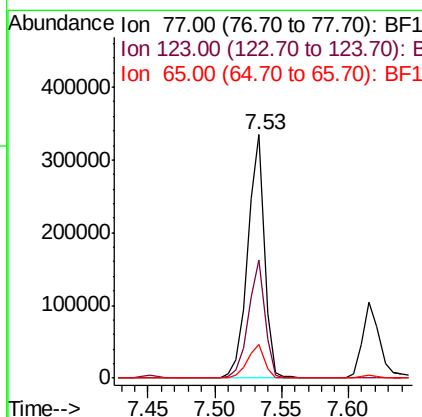
Manual Integrations
 APPROVED

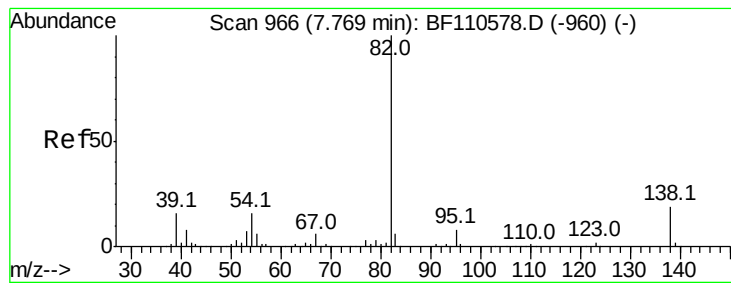
Sohil
 11/14/2018 1:48:39 PM



#24
 Nitrobenzene
 Concen: 44.573 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	35.7	53.5
65	14.1	10.7	16.1





#25

Isophorone

Concen: 50.512 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

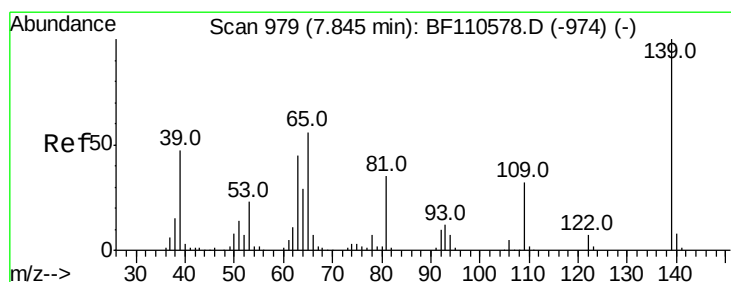
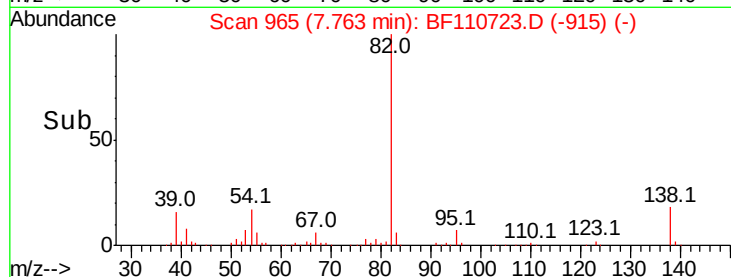
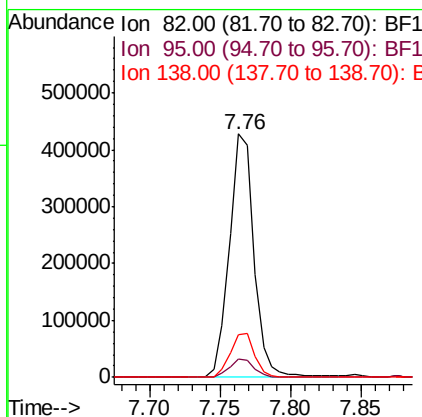
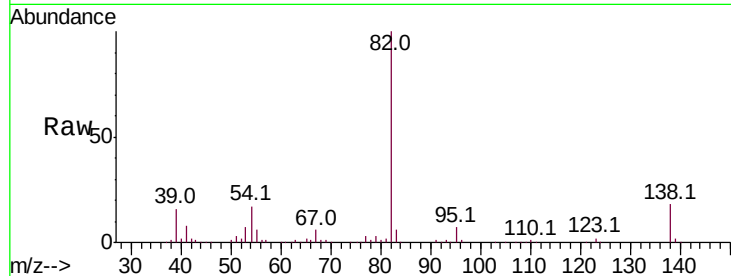
ClientSampleId :

W-4-DMSD

Tot Ion:	82	Resp:	521931
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.7	8.5
138	17.7	13.2	19.8

Manual Integrations
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Sohil
11/14/2018 1:48:39 PM



#26

2-Nitrophenol

Concen: 45.350 ng

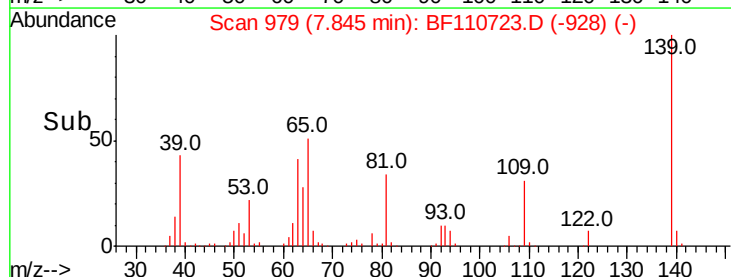
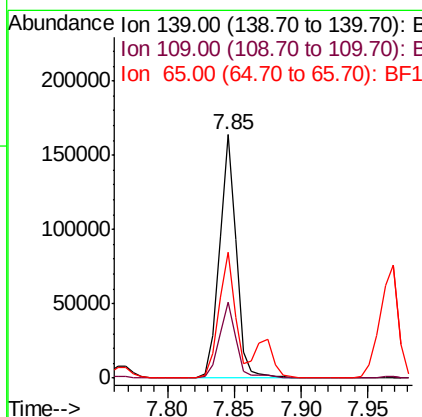
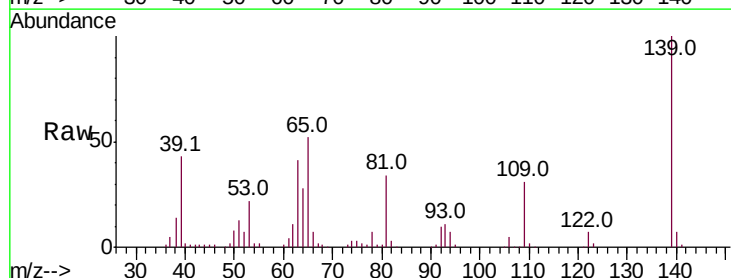
RT: 7.85 min Scan# 979

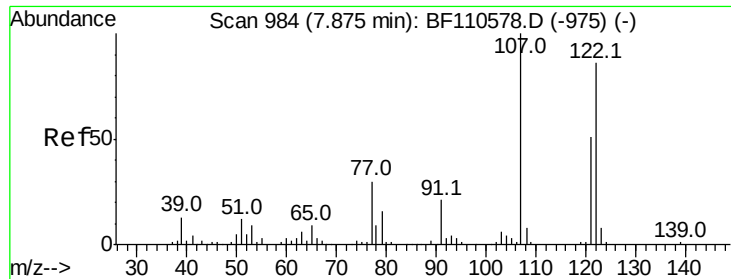
Delta R.T. -0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Tgt Ion:	139	Resp:	146131
Ion Ratio	Lower	Upper	
139	100		
109	31.0	25.0	37.6
65	51.9	44.0	66.0





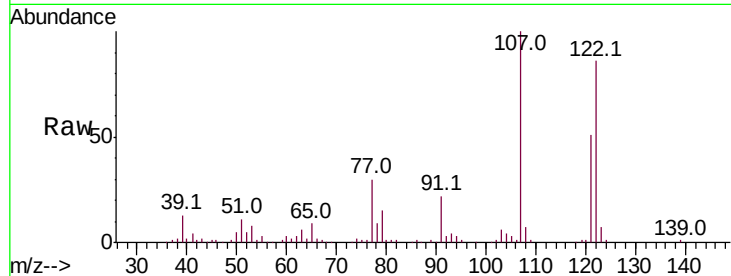
#27
2,4-Dimethylphenol
Concen: 50.892 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	92.5	138.7
121	59.0	45.8	68.8

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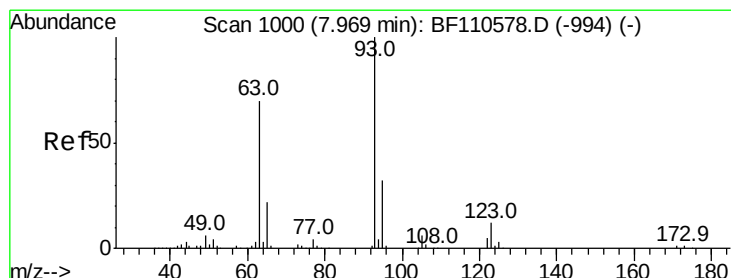
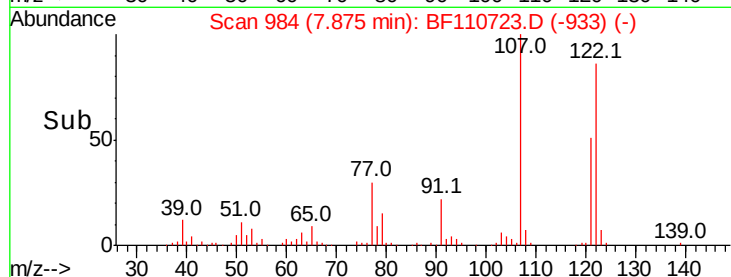
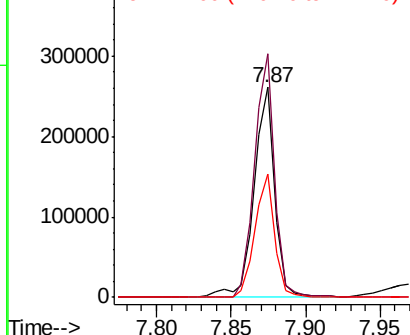


Abundance

Ion 122.00 (121.70 to 122.70): E

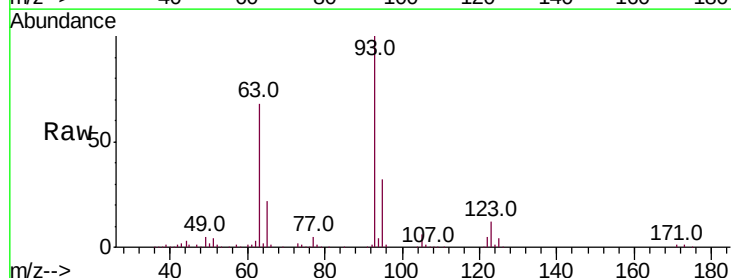
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 46.700 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.4	39.6
123	11.7	9.0	13.6

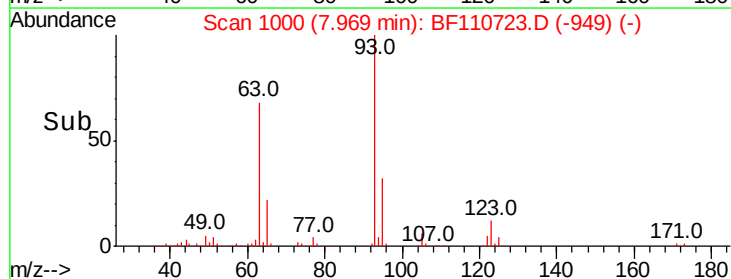
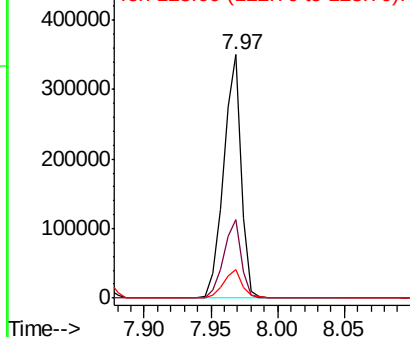


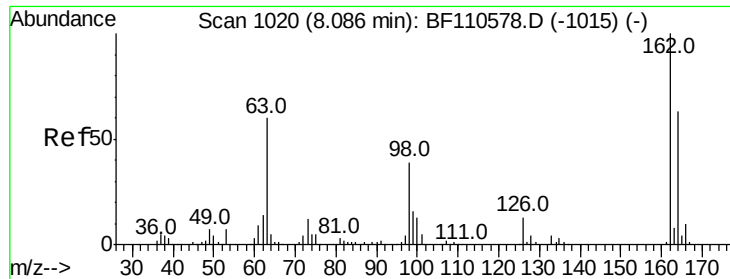
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





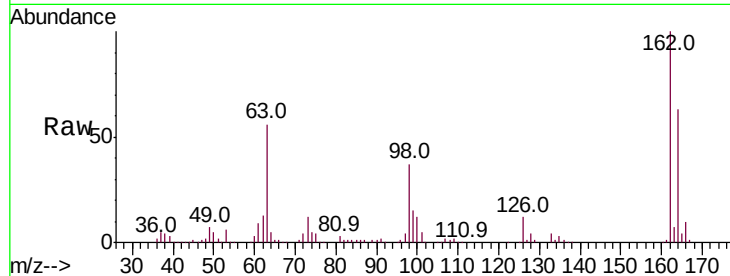
#29
 2,4-Dichlorophenol
 Concen: 45.645 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :
 W-4-DMSD

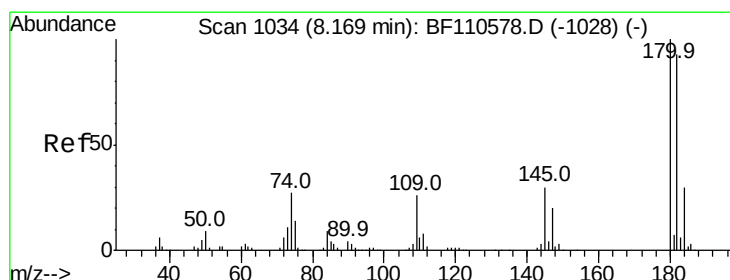
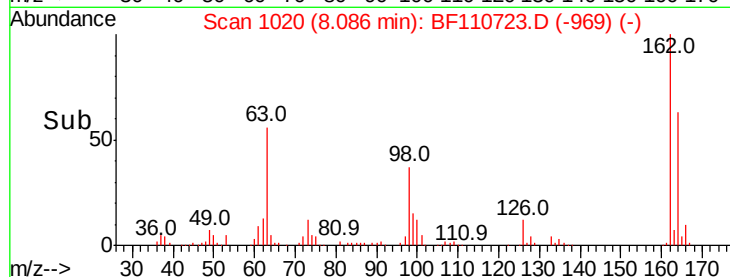
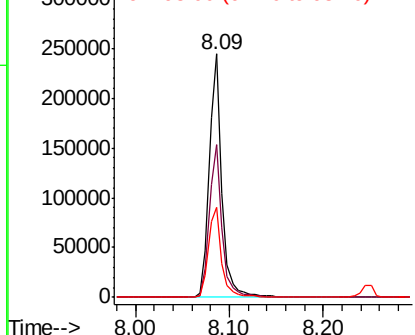
Tot Ion:	162	Resp:	230488
Ion Ratio	Lower	Upper	
162	100		
164	62.8	44.6	84.6
98	37.2	17.4	57.4

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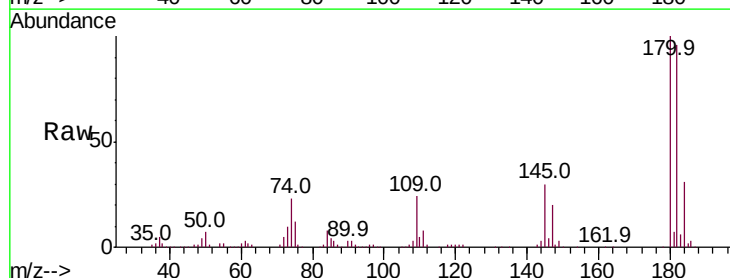


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

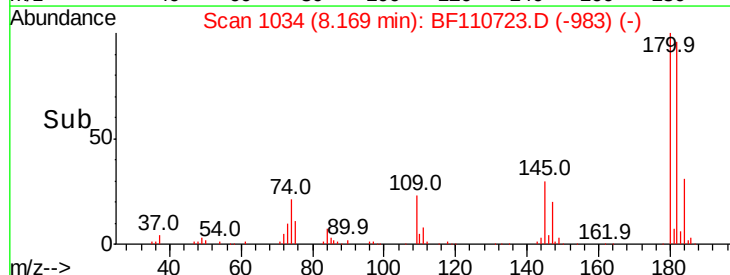
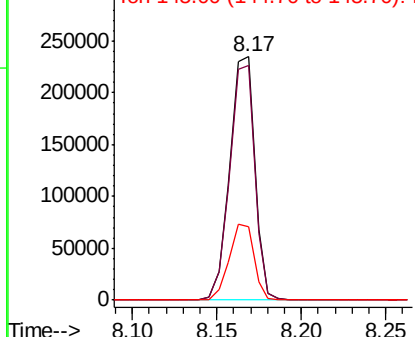


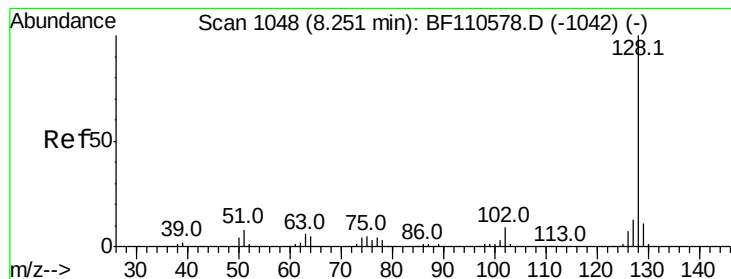
#30
 1,2,4-Trichlorobenzene
 Concen: 42.434 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion:	180	Resp:	241589
Ion Ratio	Lower	Upper	
180	100		
182	96.4	80.3	120.5
145	29.9	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: 46.412 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

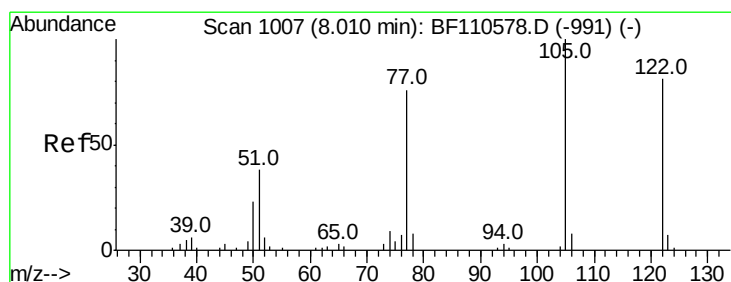
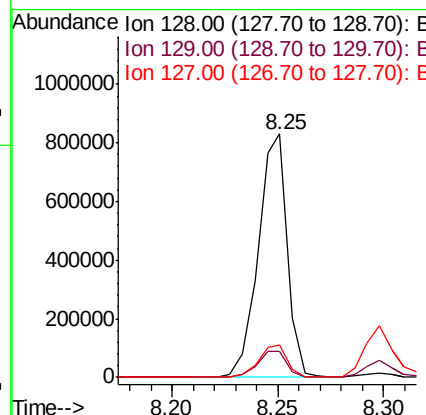
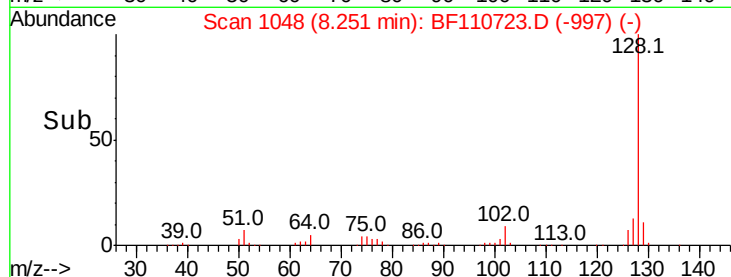
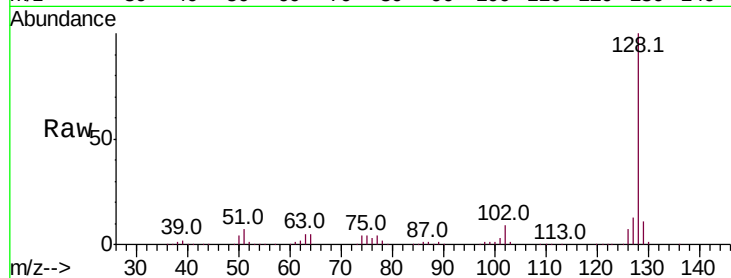
ClientSampled :

W-4-DMSD

Tot Ion:	128	Resp:	791038
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	13.4	10.8	16.2

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11/14/2018 1:48:39 PM



#32

Benzoic acid

Concen: 15.809 ng

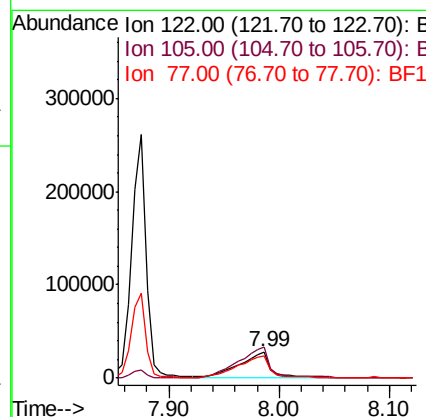
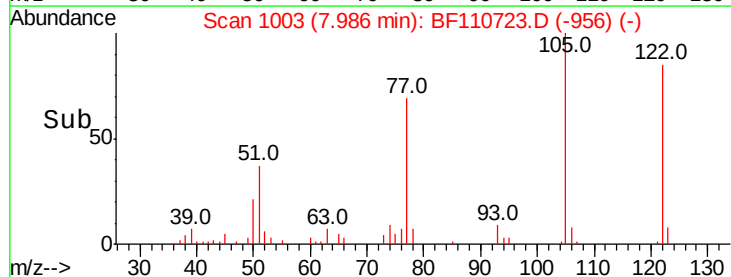
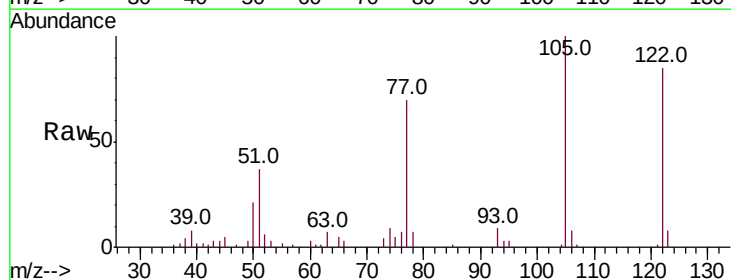
RT: 7.99 min Scan# 1003

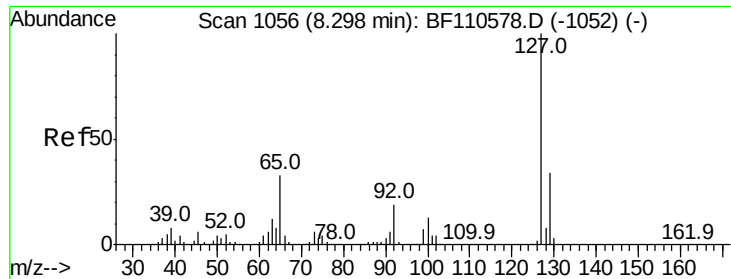
Delta R.T. -0.02 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Tgt Ion:	122	Resp:	54893
Ion Ratio	Lower	Upper	
122	100		
105	117.2	109.0	149.0
77	82.3	79.0	119.0





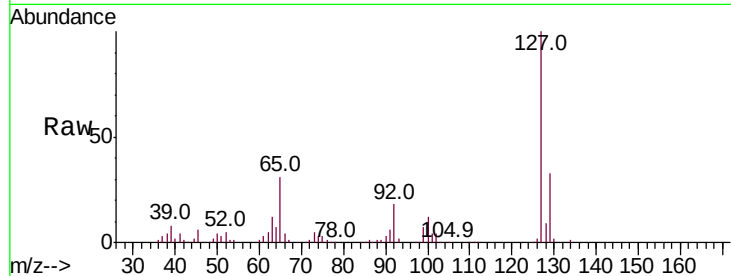
#33
4-Chloroaniline
Concen: 23.491 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.0	39.0	
65	30.7	25.1	37.7	
92	17.9	15.0	22.6	

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11/14/2018 1:48:39 PM



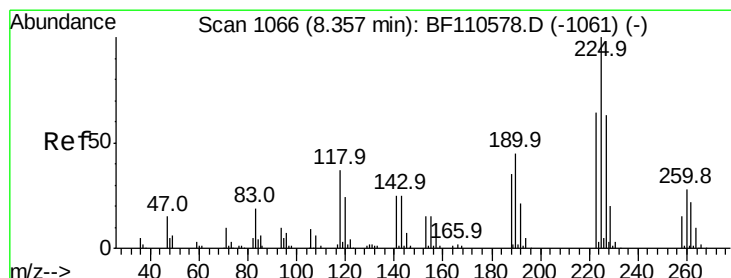
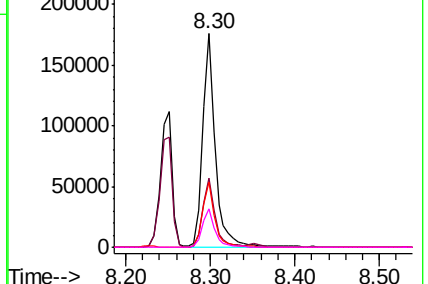
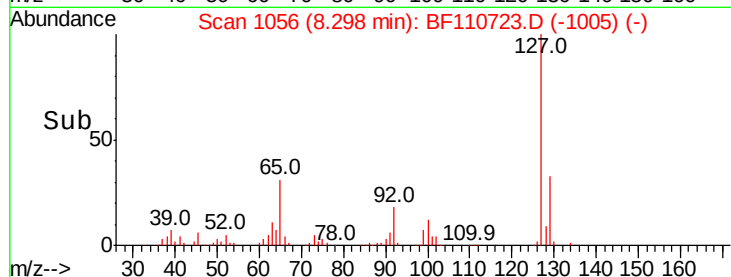
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

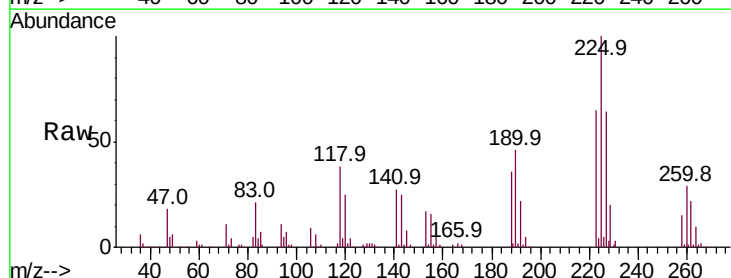
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.466 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.3	51.4	77.2	
227	63.8	51.0	76.6	

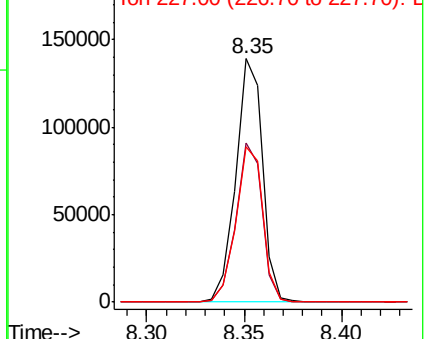
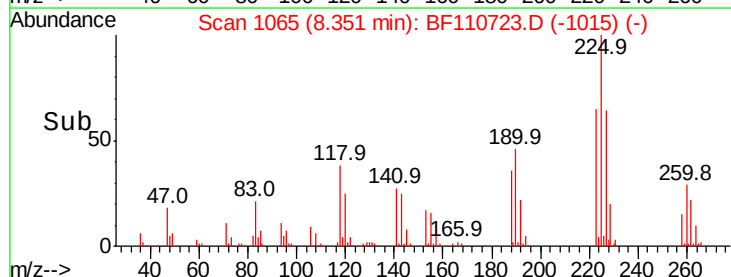


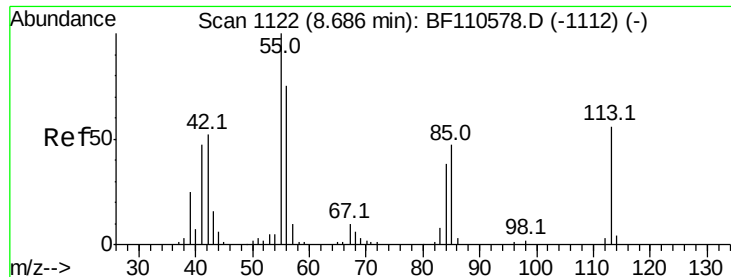
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.634 ng/ml

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

W-4-DMSD

Tot Ion:113 Resp: 78673

Ion Ratio Lower Upper

113 100

55 182.4 142.8 182.8

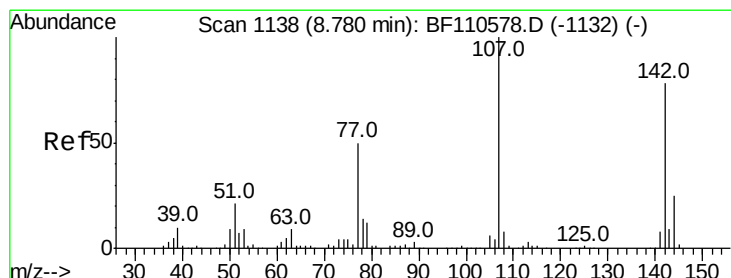
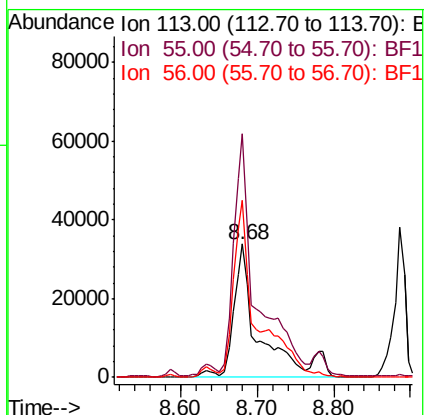
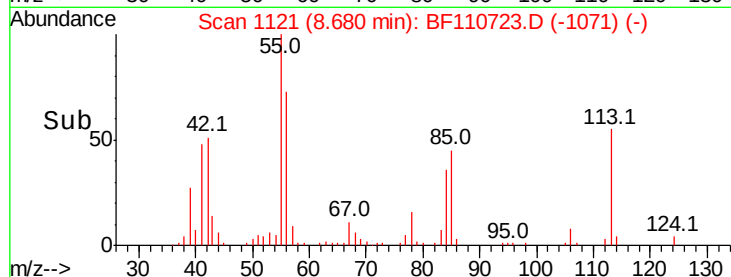
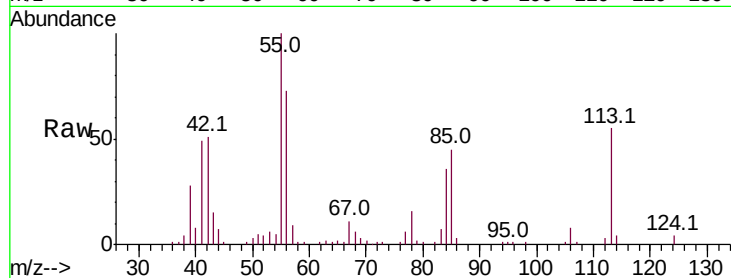
56 132.4 105.0 145.0

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11/14/2018 1:48:39 PM



#36

4-Chloro-3-methylphenol

Concen: 46.059 ng/ml

RT: 8.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

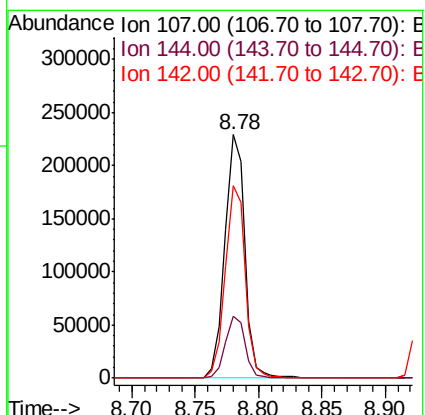
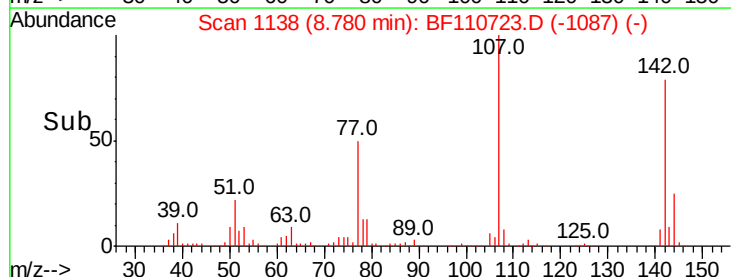
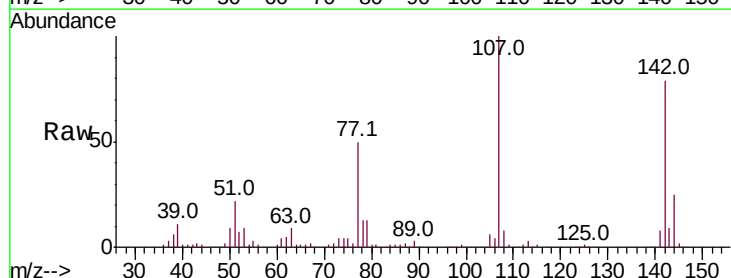
Tgt Ion:107 Resp: 250835

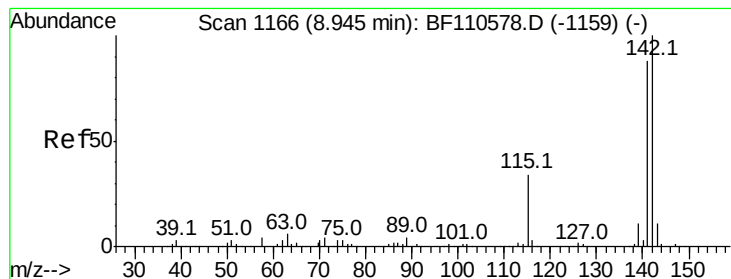
Ion Ratio Lower Upper

107 100

144 25.2 20.0 30.0

142 79.2 59.7 89.5





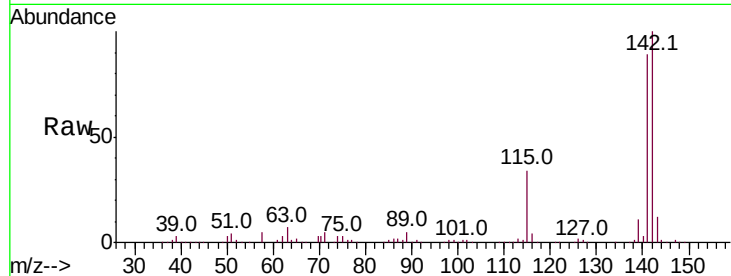
#37
2-Methylnaphthalene
Concen: 48.744 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	544615		
141	88.7		71.4	107.2
115	34.4		28.7	43.1

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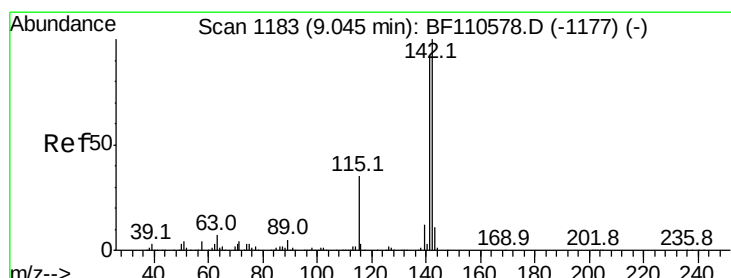
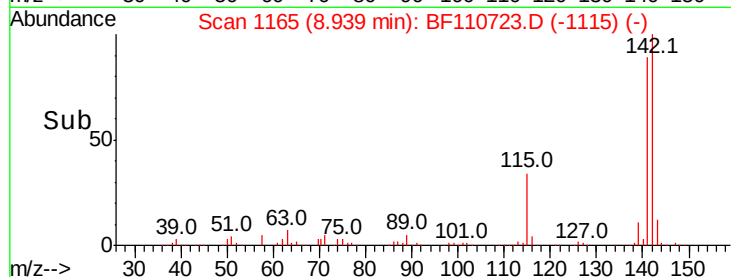
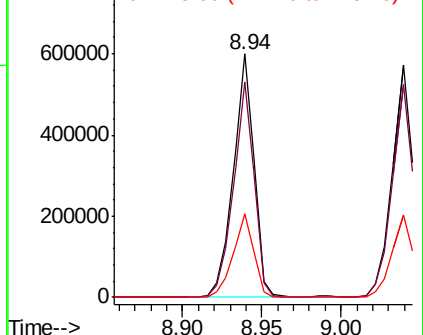


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.164 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

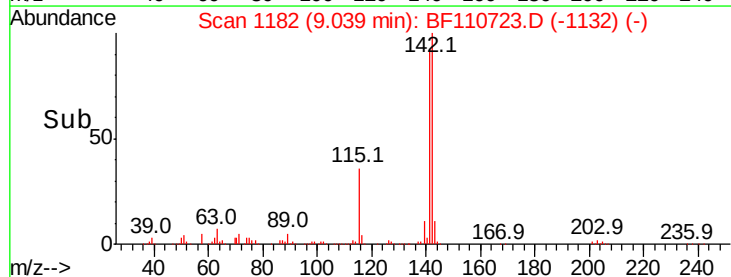
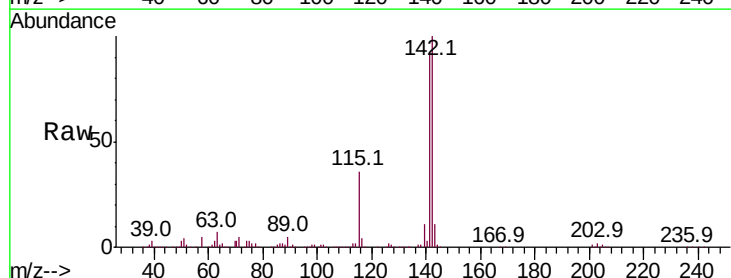
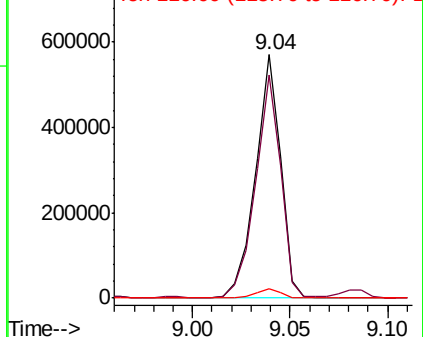
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	506783		
141	91.9		74.2	111.4
116	3.7		2.6	4.0

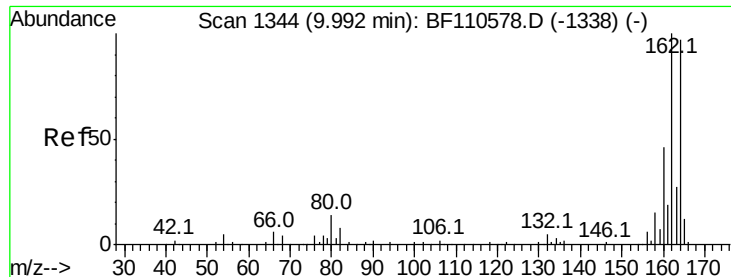
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





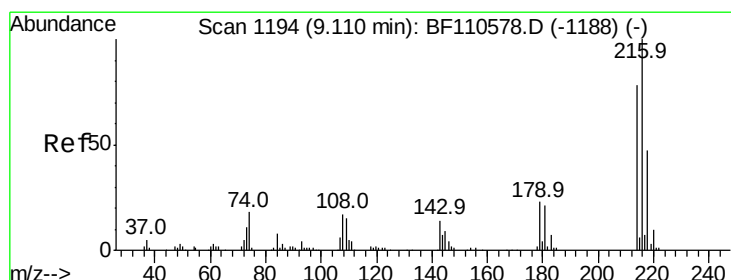
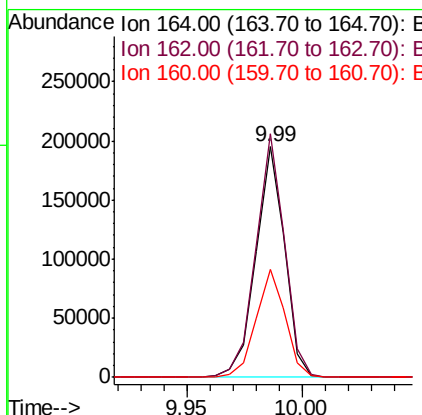
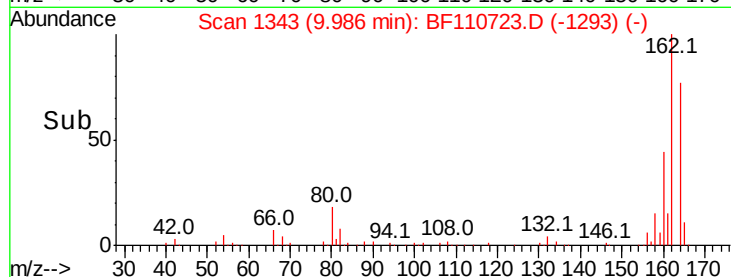
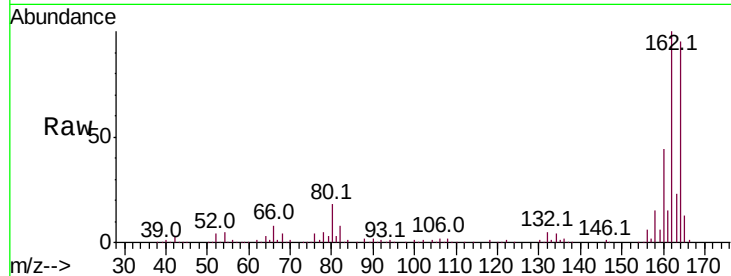
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.6
160	46.7	37.0	55.6

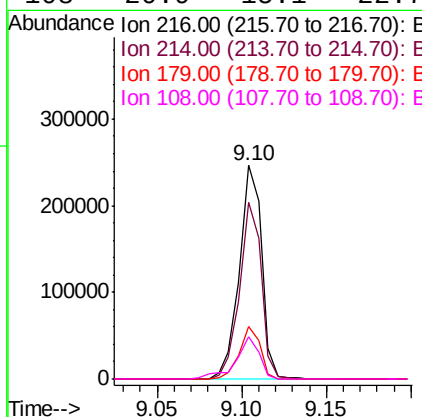
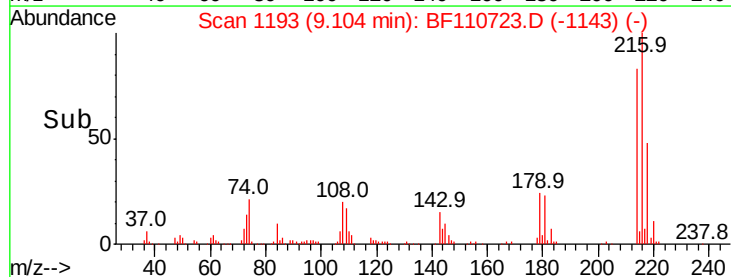
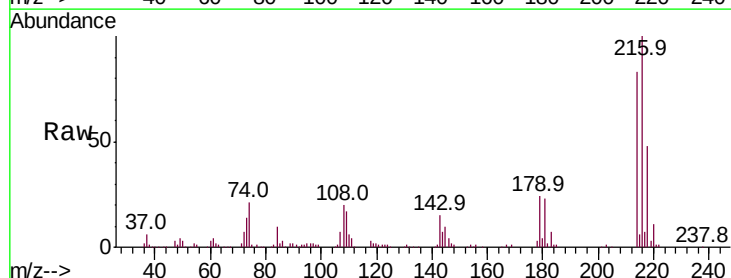
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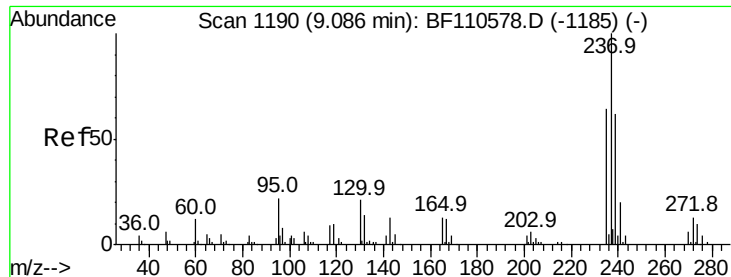
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.367 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.8	95.6
179	23.1	16.6	25.0
108	20.9	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 67.478 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

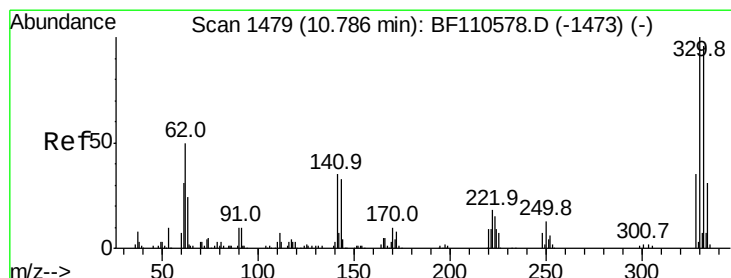
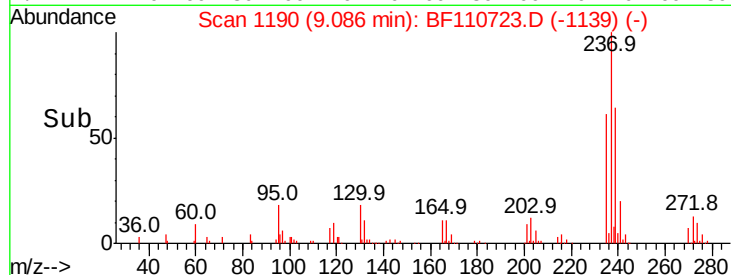
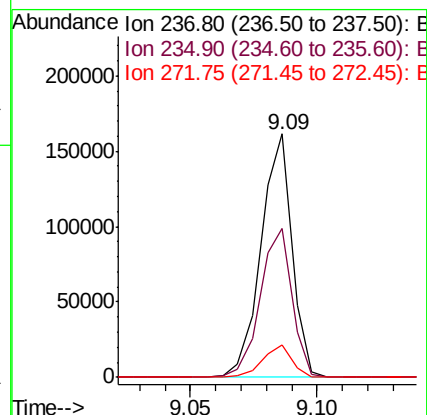
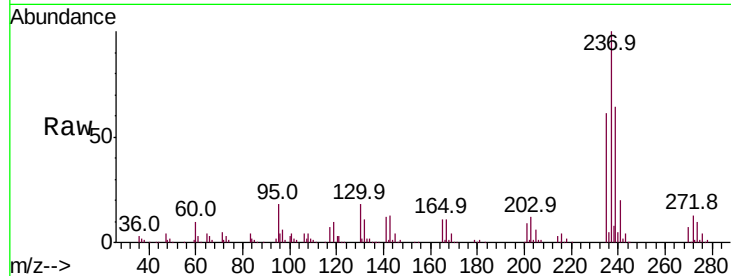
ClientSampleId :

W-4-DMSD

Tot Ion:	237	Resp:	138146
Ion Ratio	Lower	Upper	
237	100		
235	61.3	43.1	83.1
272	13.3	0.0	32.6

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#42

2,4,6-Tribromophenol

Concen: 121.007 ng

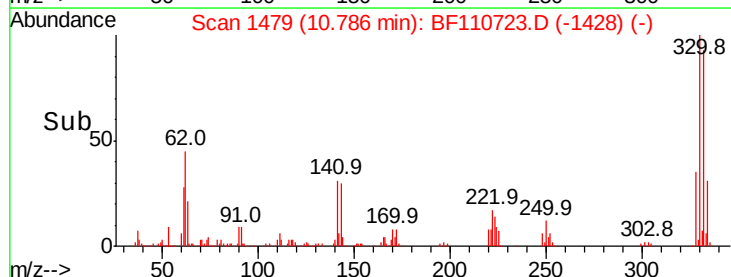
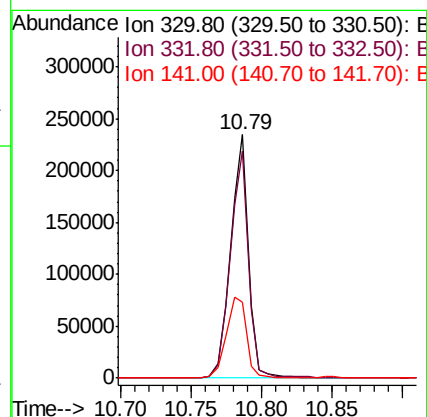
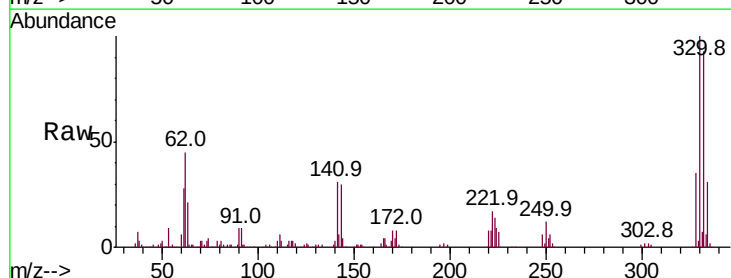
RT: 10.79 min Scan# 1479

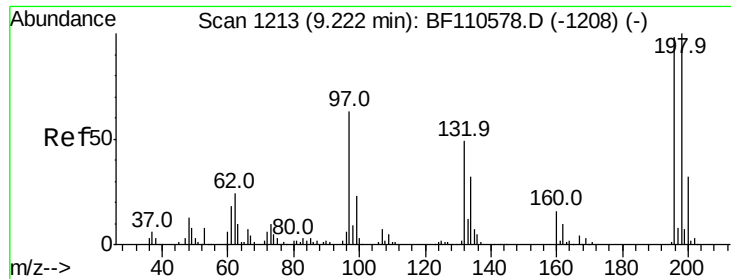
Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Tgt Ion:	330	Resp:	206331
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.1	115.7
141	37.9	27.0	40.4





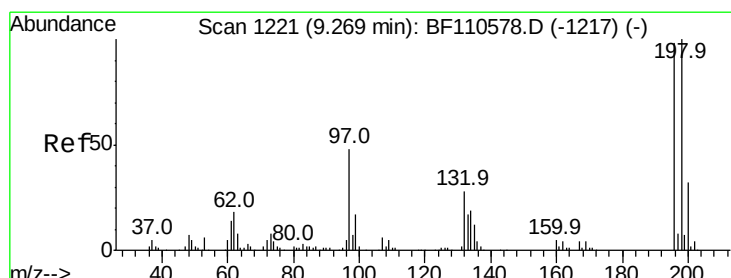
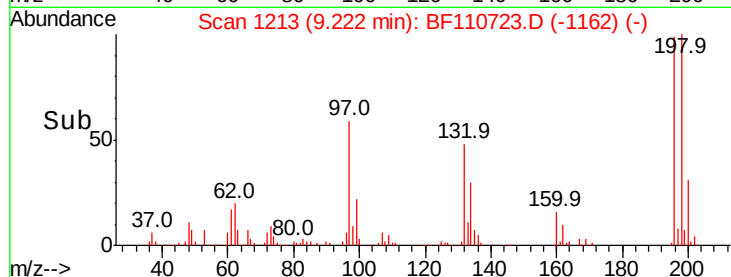
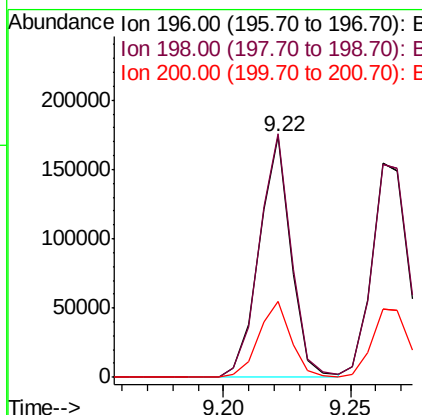
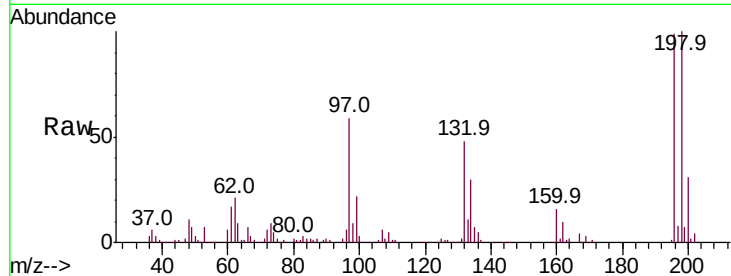
#43
2,4,6-Trichlorophenol
Concen: 45.312 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	152523		
198	101.3	76.2	114.4	
200	31.7	24.4	36.6	

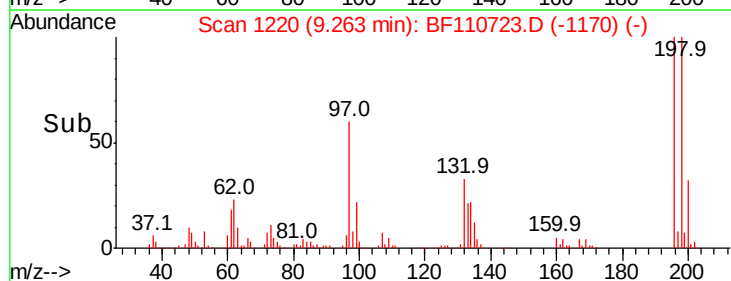
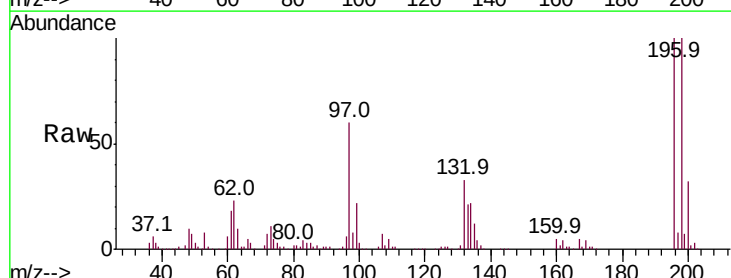
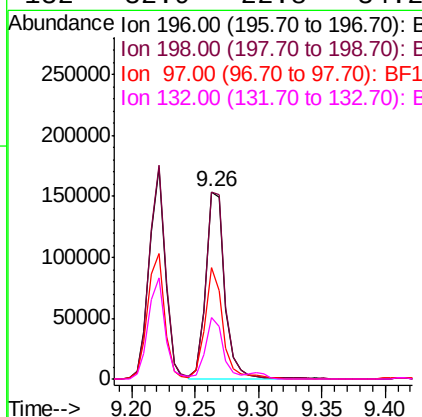
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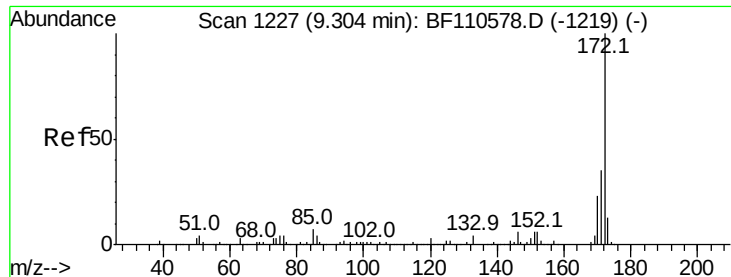
Sohil
11/14/2018 1:48:39 PM



#44
2,4,5-Trichlorophenol
Concen: 45.332 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162766		
198	99.8	75.8	113.6	
97	59.7	42.4	63.6	
132	32.9	22.8	34.2	





#45

2-Fluorobiphenyl

Concen: 84.263 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

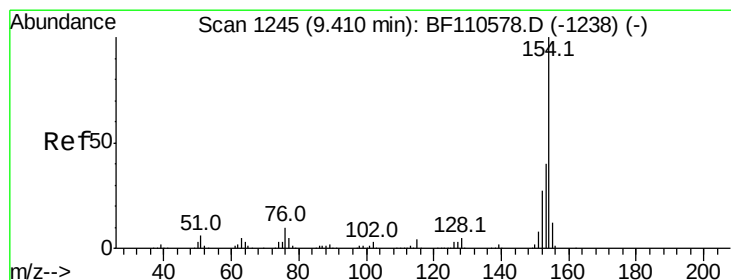
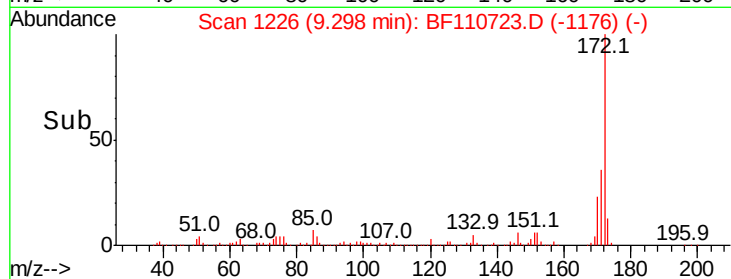
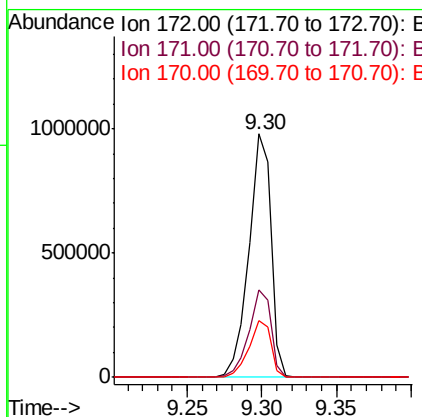
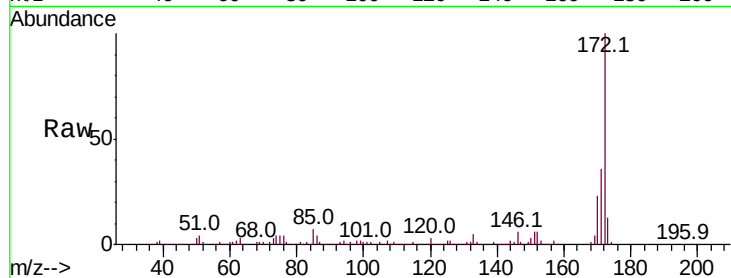
ClientSampled :

W-4-DMSD

Tot Ion:	172	Resp:	998417
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.6	43.0
170	23.5	19.7	29.5

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11/14/2018 1:48:39 PM



#46

1,1'-Biphenyl

Concen: 41.767 ng

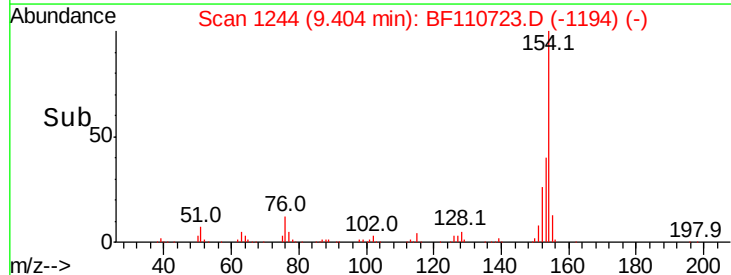
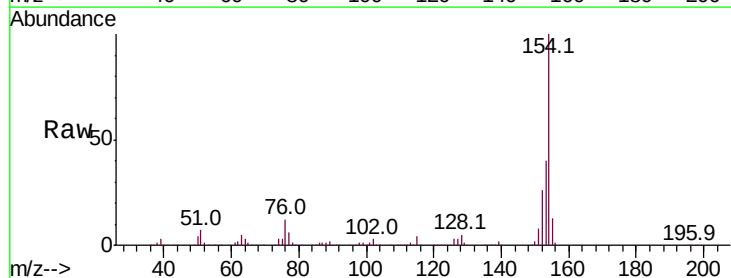
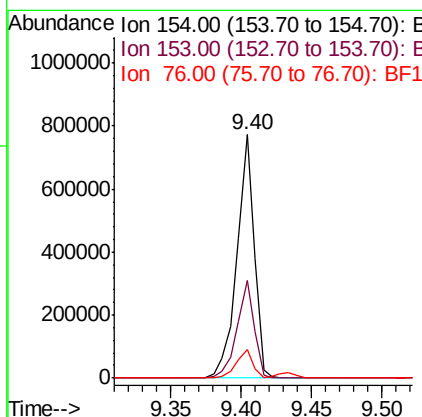
RT: 9.40 min Scan# 1244

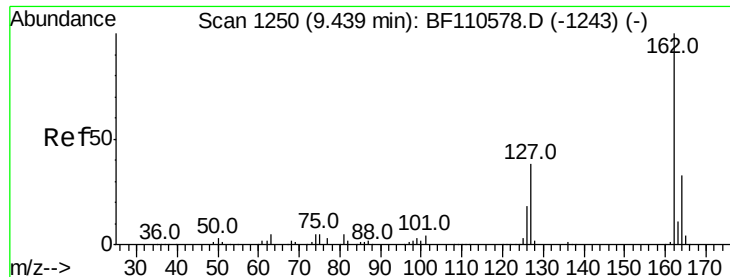
Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Tgt Ion:	154	Resp:	659327
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.4	60.4
76	11.8	0.0	31.9





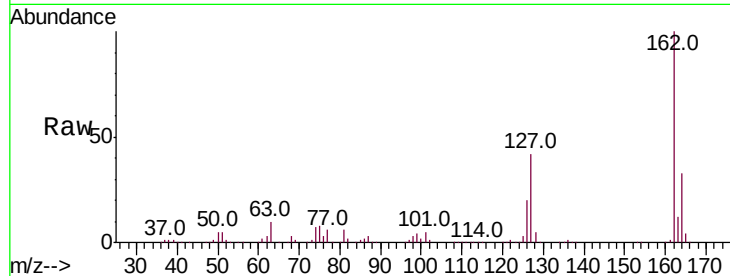
#47
2-Chloronaphthalene
Concen: 43.432 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	493948		
127	42.0		32.6	48.8
164	32.6		25.9	38.9

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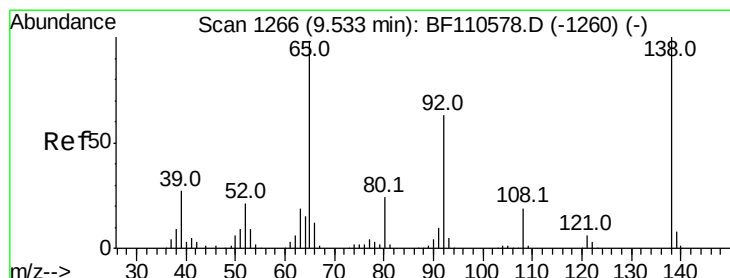
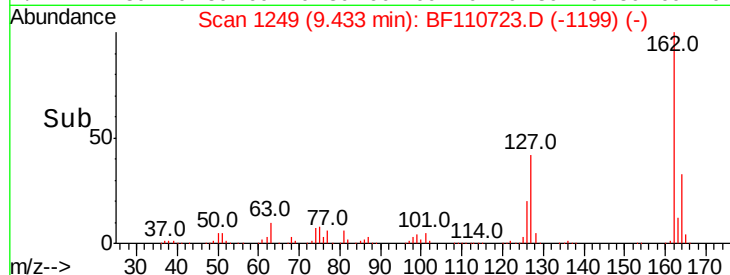
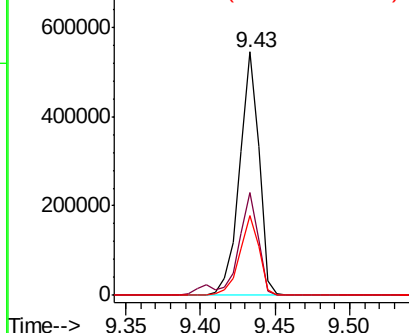


Abundance

Ion 162.00 (161.70 to 162.70): E

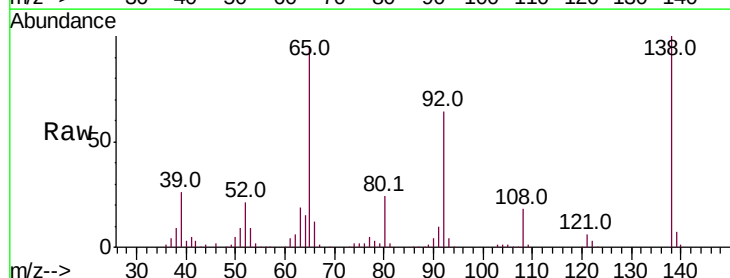
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 45.402 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	159119		
92	67.3		54.6	81.8
138	105.2		80.3	120.5

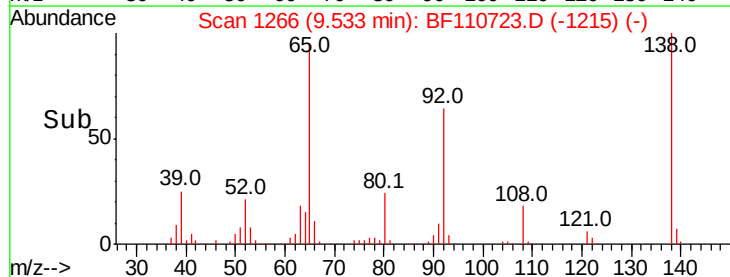
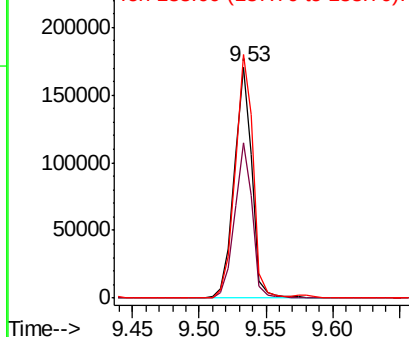


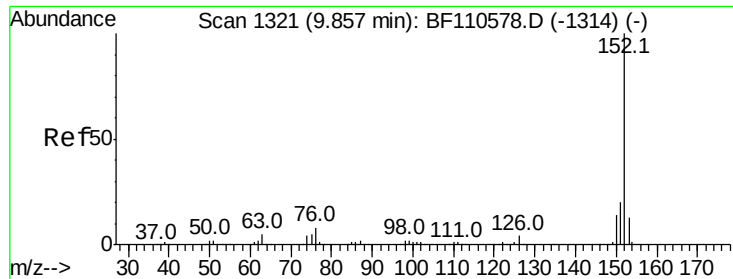
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.790 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

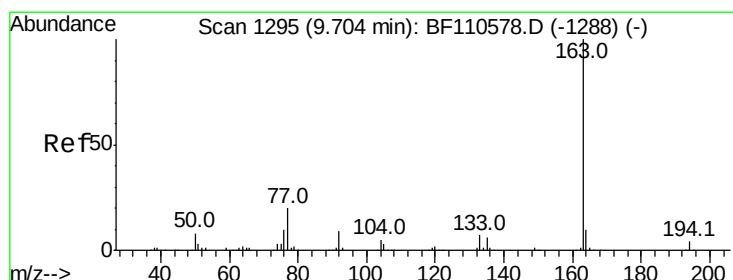
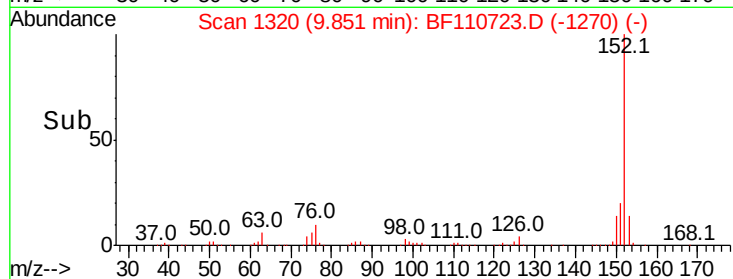
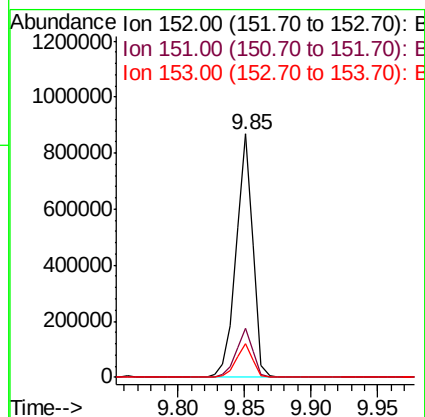
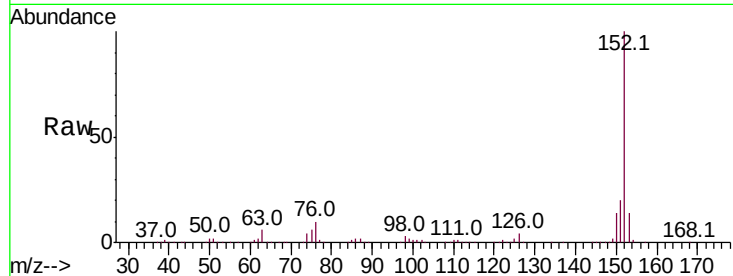
ClientSampleId :

W-4-DMSD

Tot Ion:	152	Resp:	766341
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.8
153	13.7	10.4	15.6

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11/14/2018 1:48:39 PM



#50

Dimethylphthalate

Concen: 56.503 ng

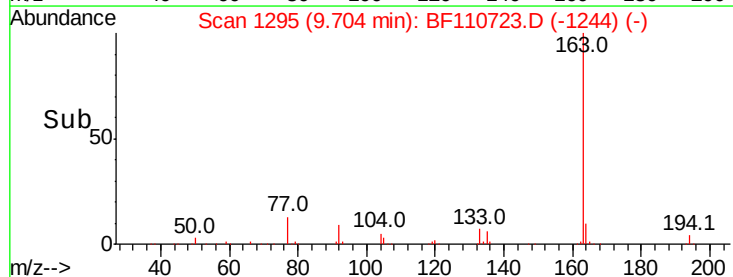
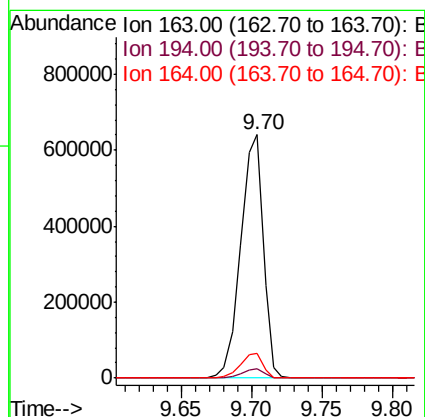
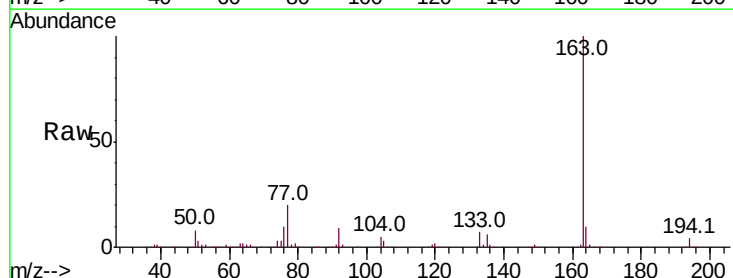
RT: 9.70 min Scan# 1295

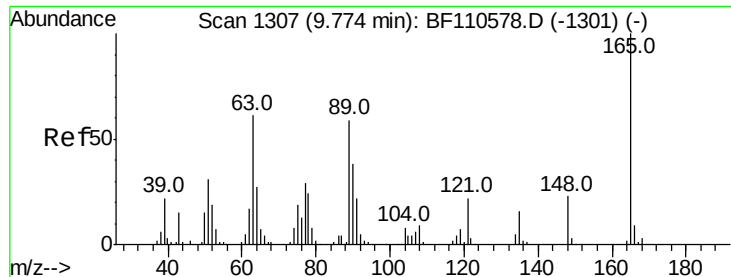
Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Tgt Ion:	163	Resp:	713455
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.2	4.8
164	9.9	8.1	12.1





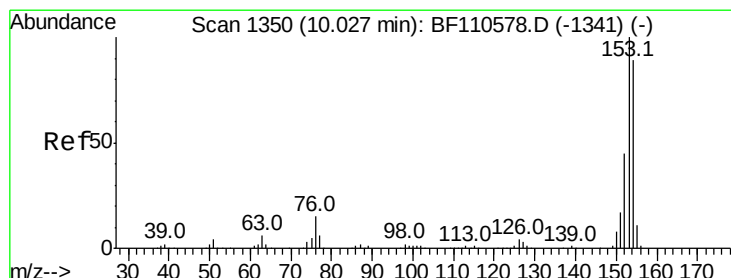
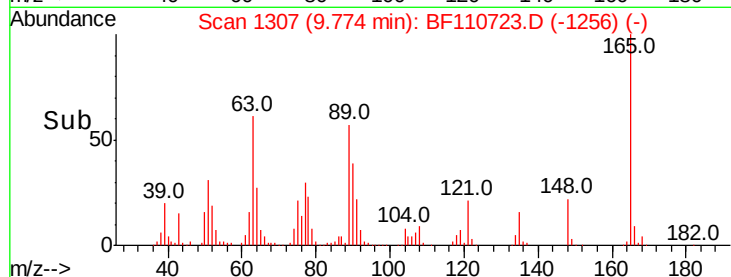
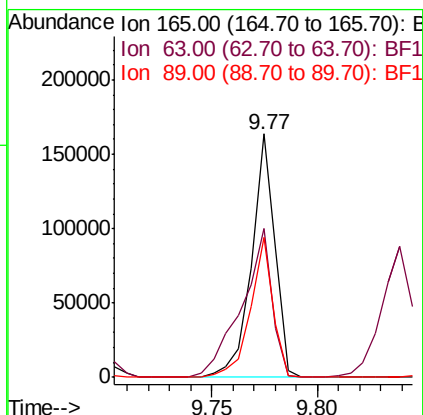
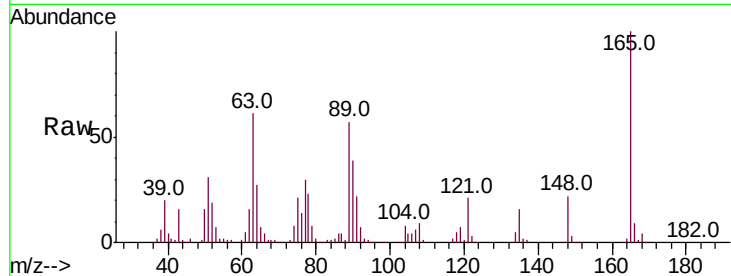
#51
2,6-Dinitrotoluene
Concen: 45.594 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	126646		
63	61.2	48.9	73.3	
89	57.3	46.6	69.8	

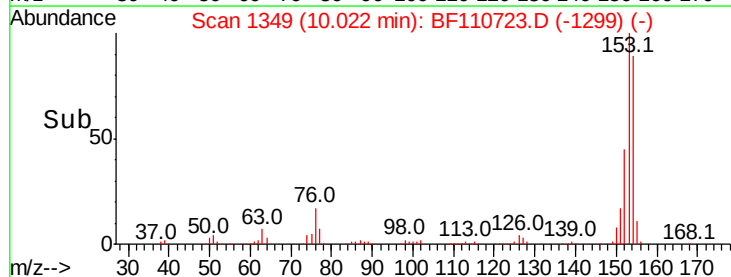
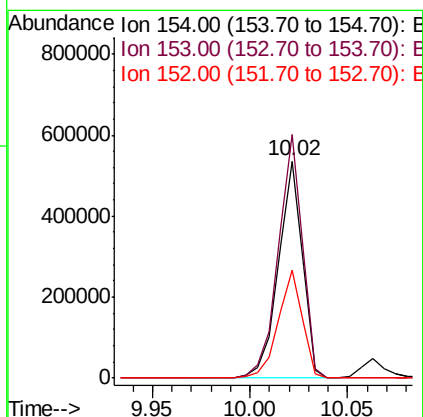
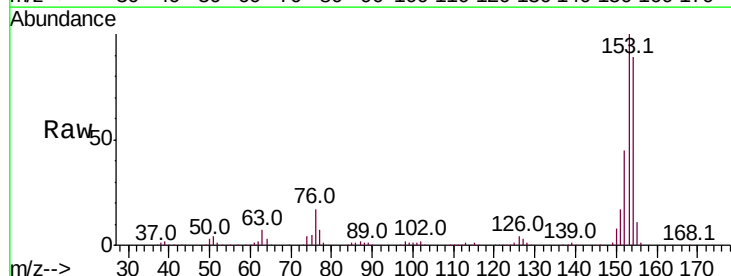
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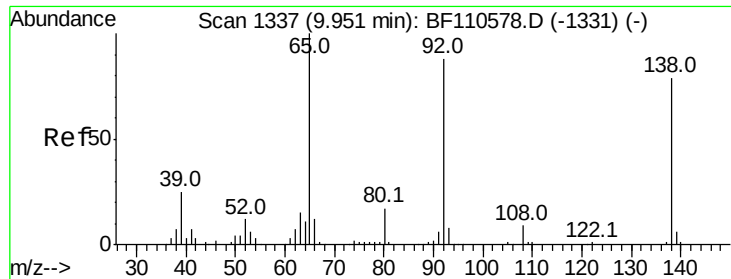
Sohil
11/14/2018 1:48:39 PM



#52
Acenaphthene
Concen: 44.297 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	458499		
153	112.3	90.1	135.1	
152	50.1	43.4	65.2	





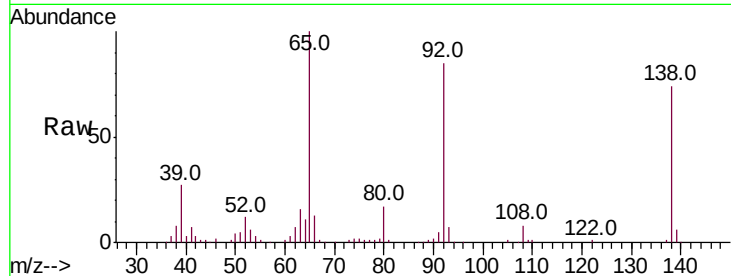
#53
3-Nitroaniline
Concen: 30.641 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.7	13.1
92	114.6	97.0	145.4

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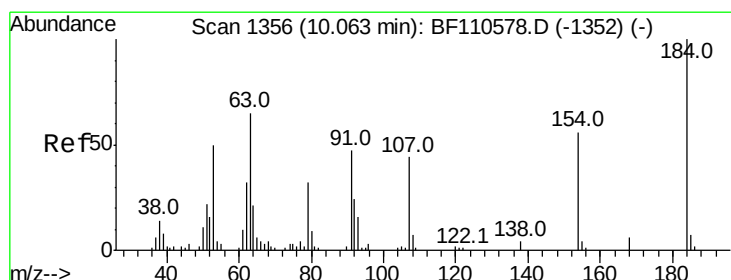
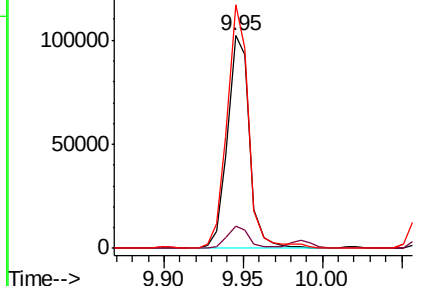
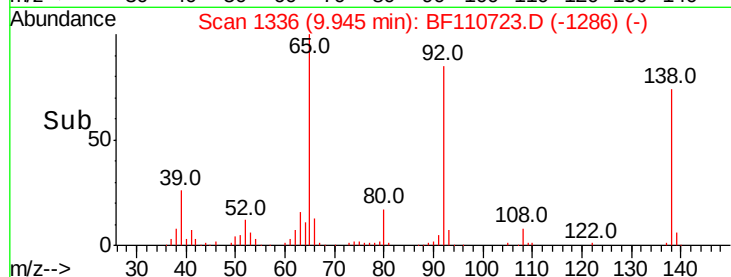


Abundance

Ion 138.00 (137.70 to 138.70): E

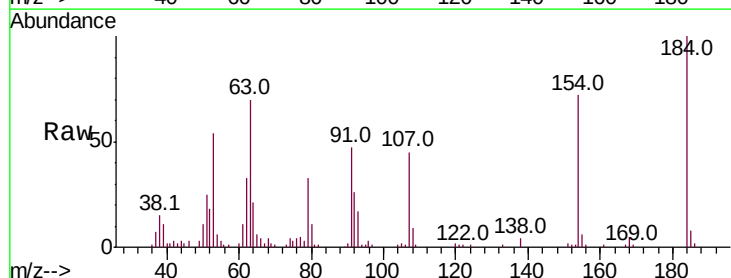
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 55.801 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.5	55.8	83.6
154	71.7	63.2	94.8

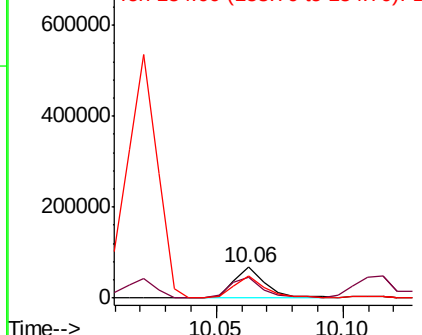
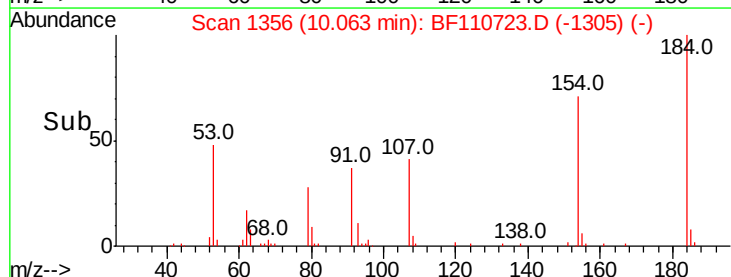


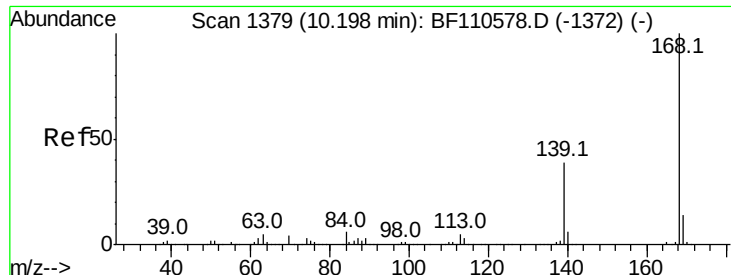
Abundance

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: 43.669 ng

RT: 10.20 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

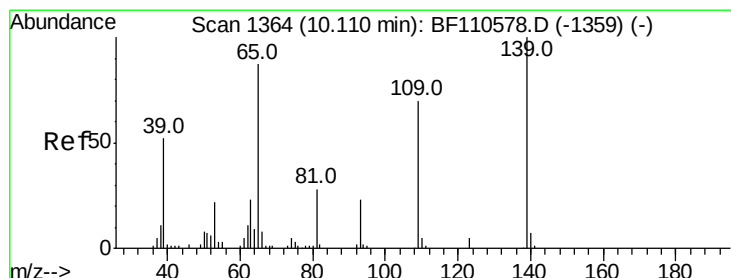
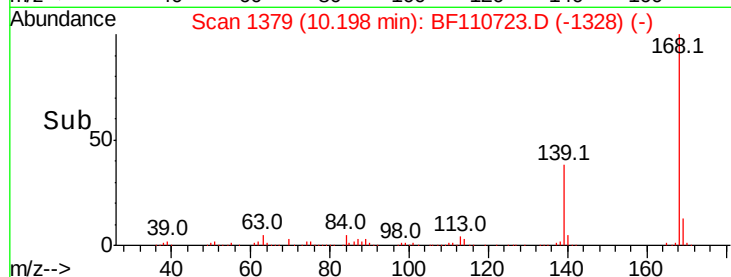
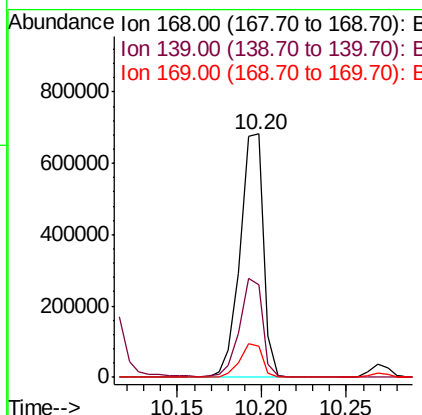
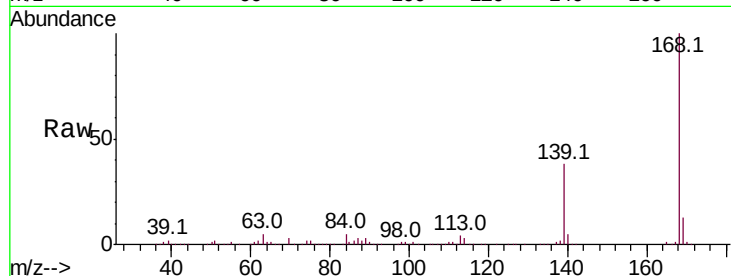
ClientSampleId :

W-4-DMSD

Tot Ion:168	Resp: 661304
Ion Ratio	Lower Upper
168 100	
139 37.8	33.0 49.6
169 13.0	11.3 16.9

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#56

4-Nitrophenol

Concen: 80.377 ng

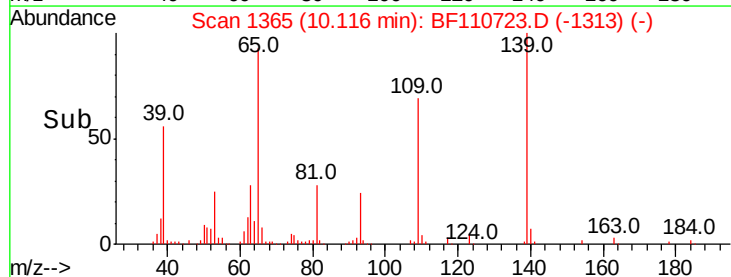
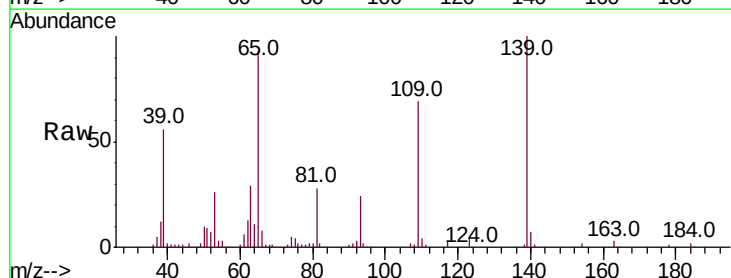
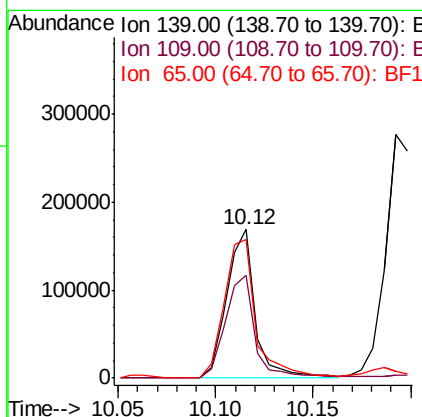
RT: 10.12 min Scan# 1365

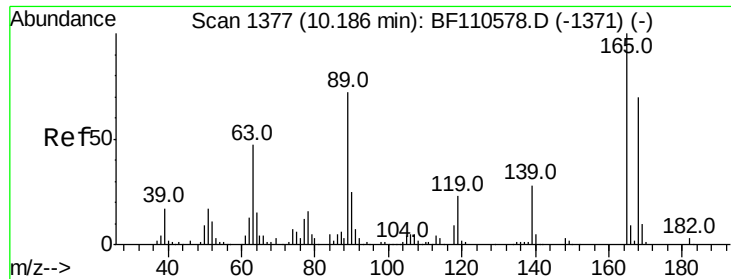
Delta R.T. 0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Tgt Ion:139	Resp: 171600
Ion Ratio	Lower Upper
139 100	
109 68.9	55.8 95.8
65 93.0	77.9 117.9





#57

2,4-Dinitrotoluene

Concen: 45.195 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

ClientSampleId :

W-4-DMSD

Tot Ion:165 Resp: 163227

Ion Ratio Lower Upper

165 100

63 53.9 44.8 67.2

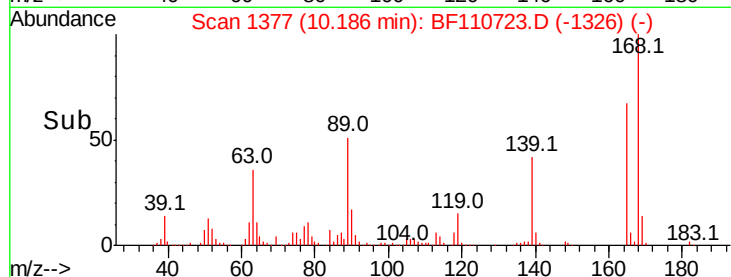
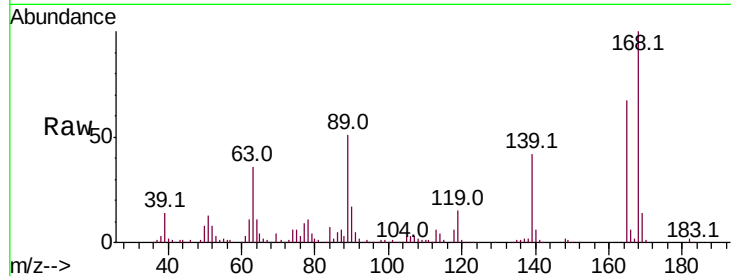
89 75.7 62.2 93.4

182 2.8 2.1 3.1

Manual Integrations
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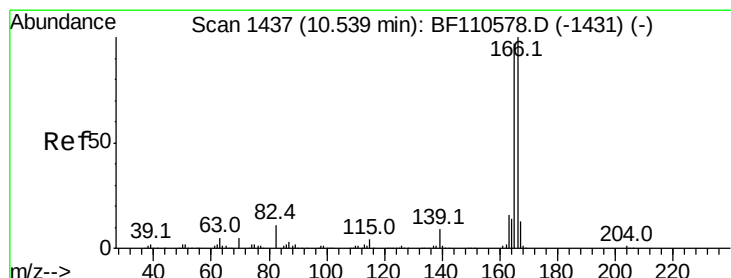
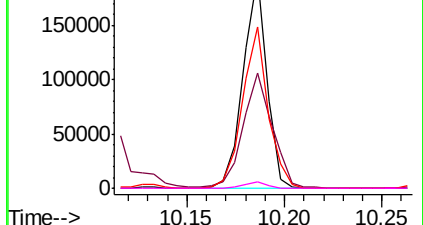


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.083 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

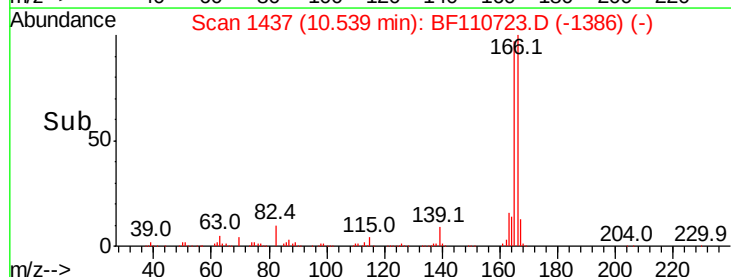
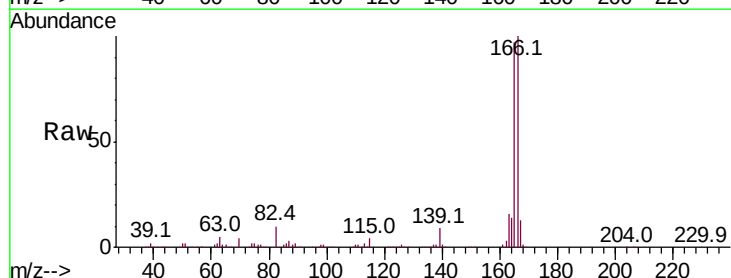
Tgt Ion:166 Resp: 536028

Ion Ratio Lower Upper

166 100

165 97.0 78.6 117.8

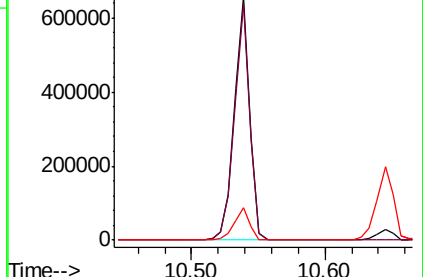
167 13.1 10.8 16.2

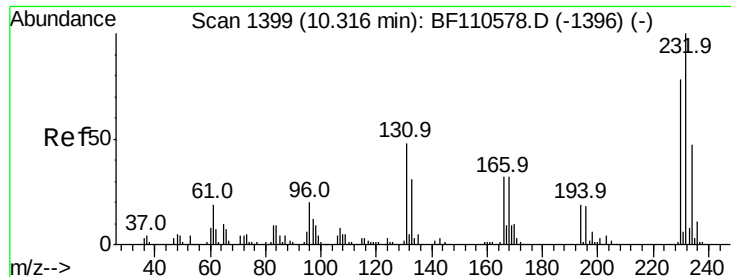


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





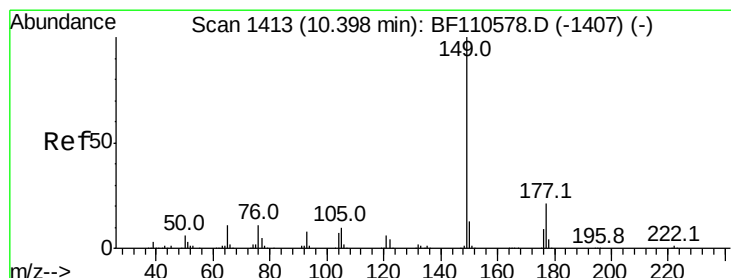
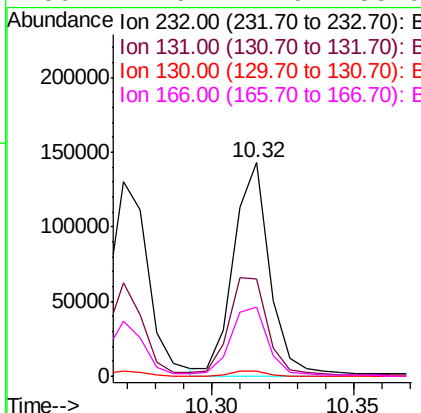
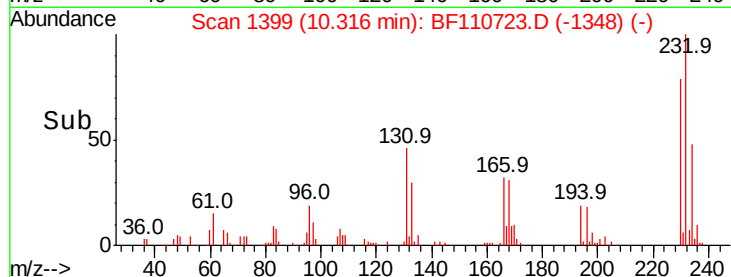
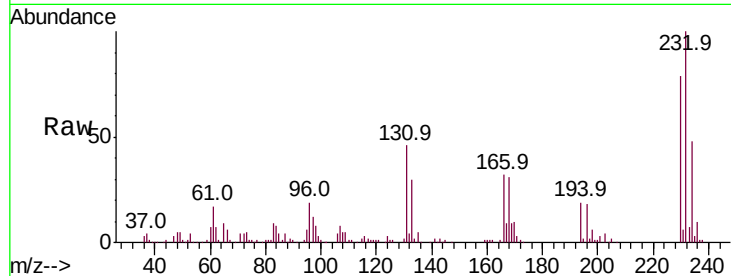
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.765 ng m
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :
 W-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	129268		
131	41.3		37.0	55.4
130	2.3		1.8	2.6
166	24.9		22.0	33.0

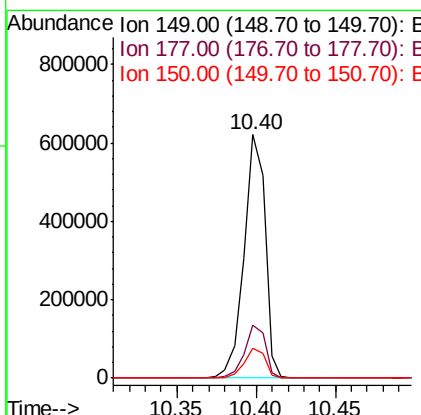
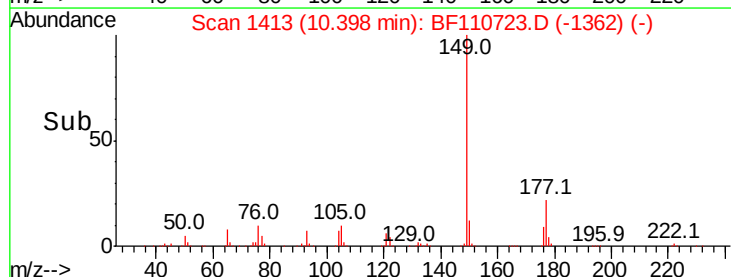
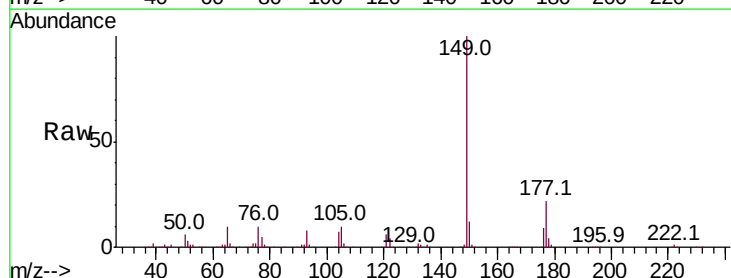
Manual Integrations
 APPROVED

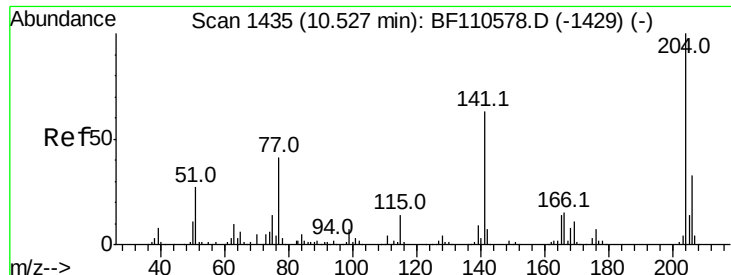
Sohil
 11/14/2018 1:48:39 PM



#60
 Diethylphthalate
 Concen: 45.597 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	569593		
177	21.6		17.4	26.2
150	12.2		9.8	14.8





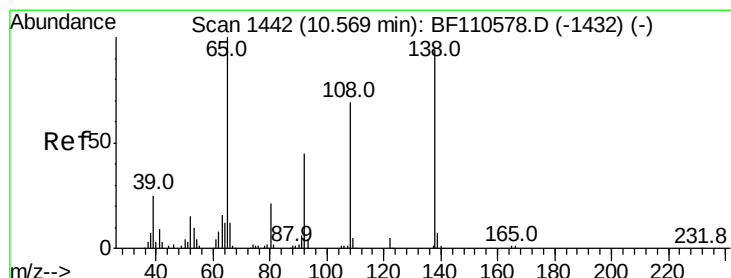
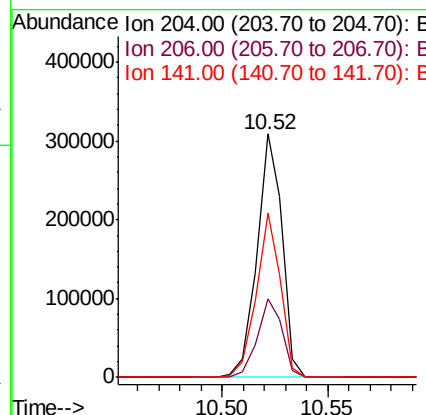
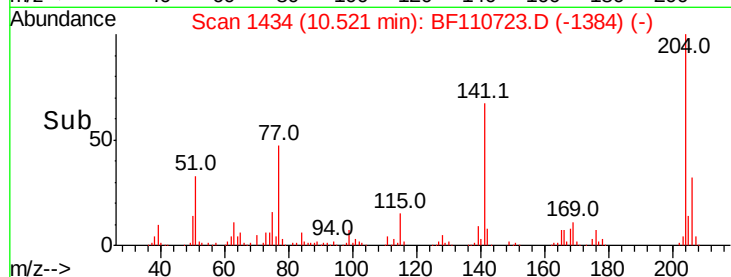
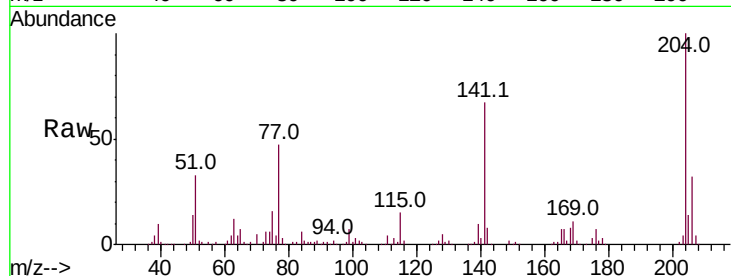
#61
4-Chlorophenyl-phenylether
Concen: 42.388 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion:	204	Resp:	255286
Ion Ratio	Lower	Upper	
204	100		
206	32.1	26.5	39.7
141	67.5	51.8	77.8

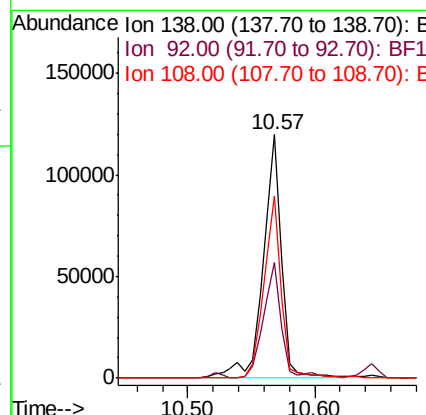
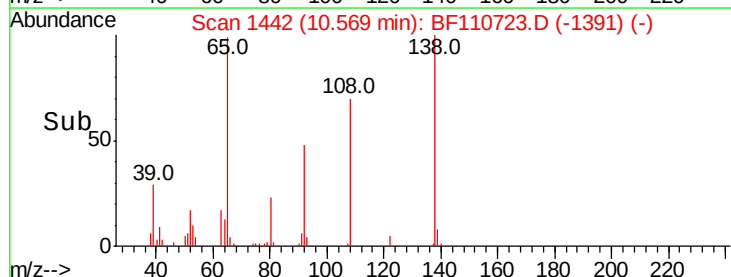
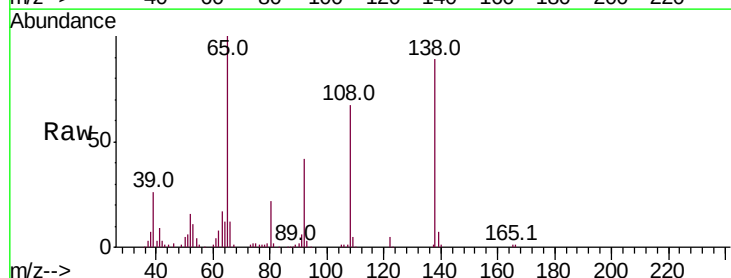
Manual Integrations
APPROVED

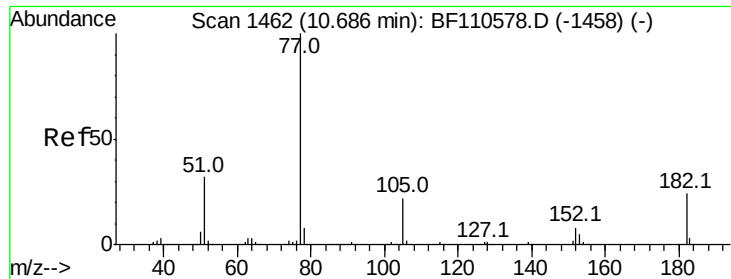
Sohil
11/14/2018 1:48:39 PM



#62
4-Nitroaniline
Concen: 37.940 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion:	138	Resp:	122945
Ion Ratio	Lower	Upper	
138	100		
92	47.5	31.7	71.7
108	74.8	59.3	99.3





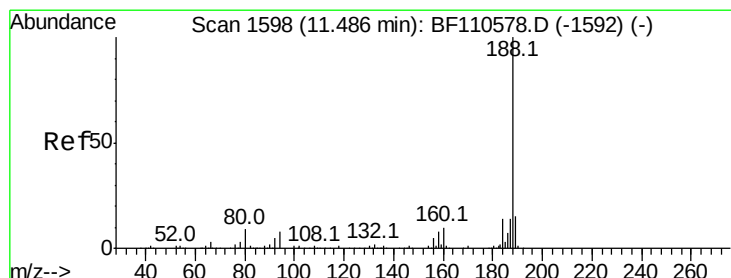
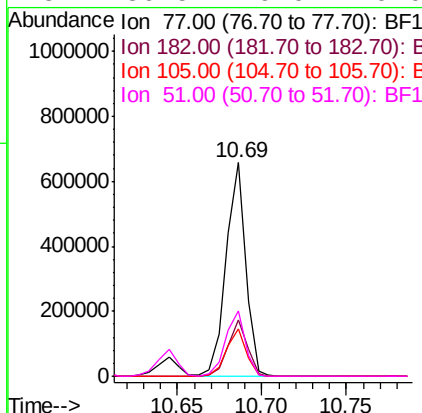
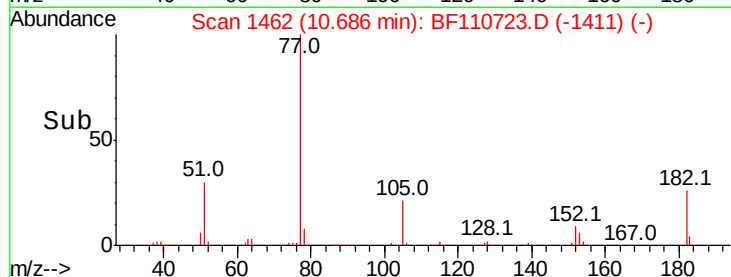
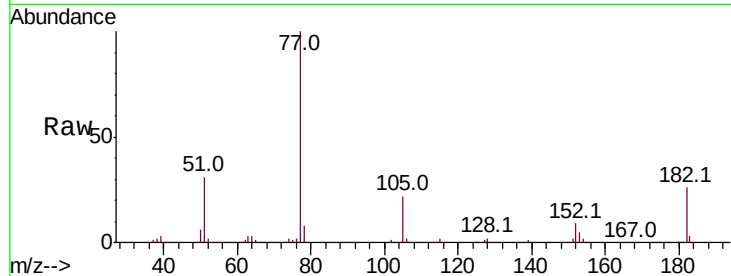
#63
Azobenzene
Concen: 43.570 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampled :
W-4-DMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.3	44.3
105	22.4	1.3	41.3
51	30.5	9.0	49.0

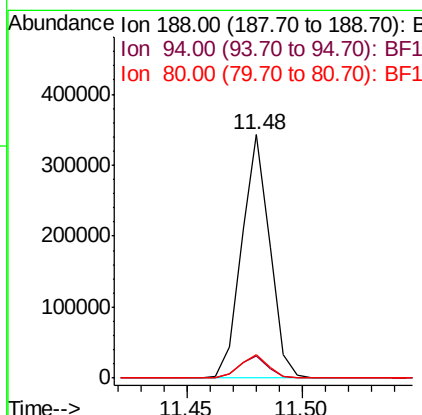
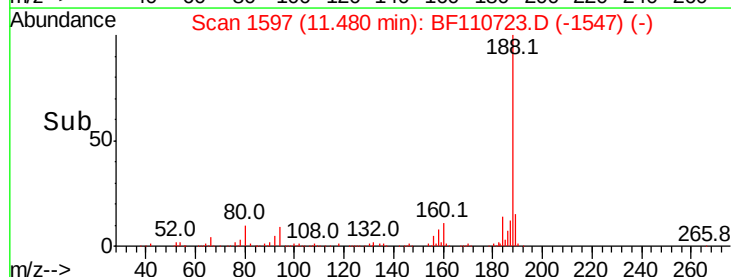
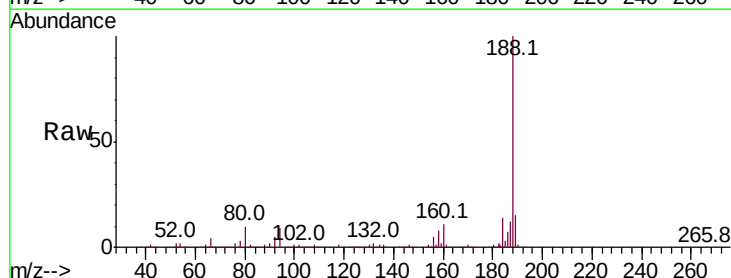
Manual Integrations
APPROVED

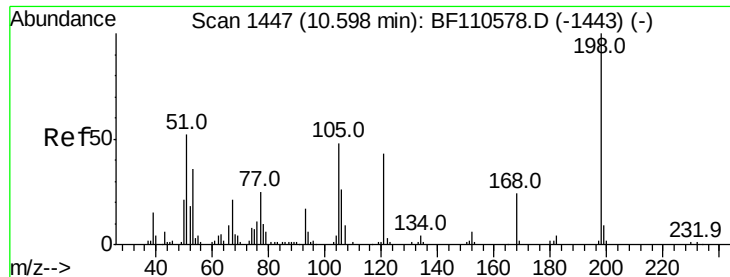
Sohil
11/14/2018 1:48:39 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.6	7.9	11.9





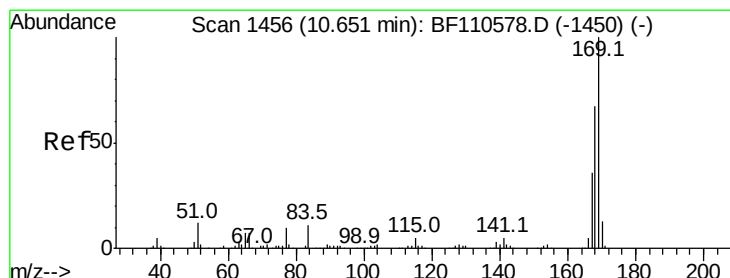
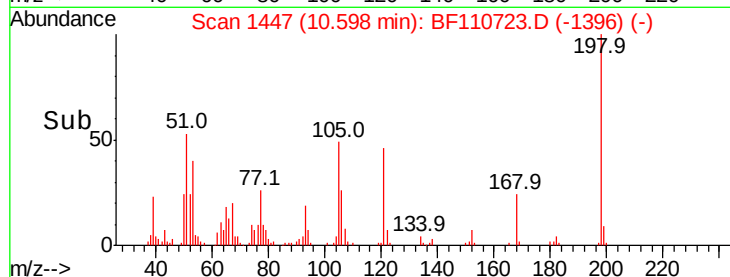
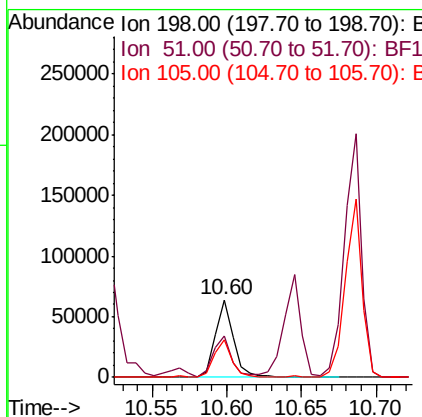
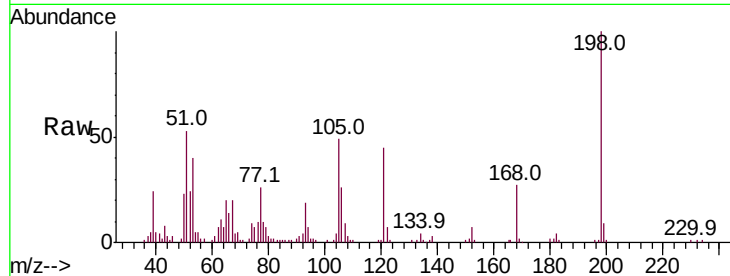
#65
4,6-Dinitro-2-methylphenol
Concen: 37.099 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	53.3	22.8	62.8
105	48.7	23.6	63.6

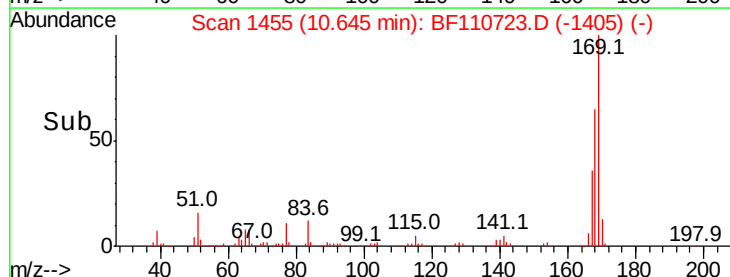
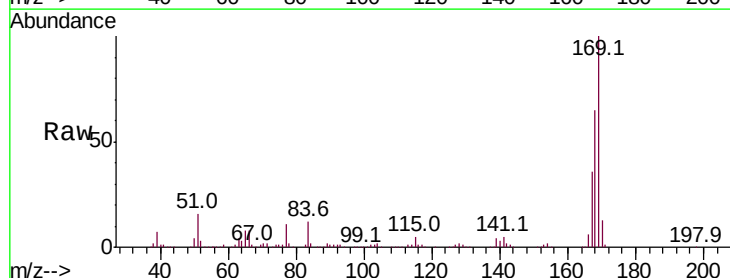
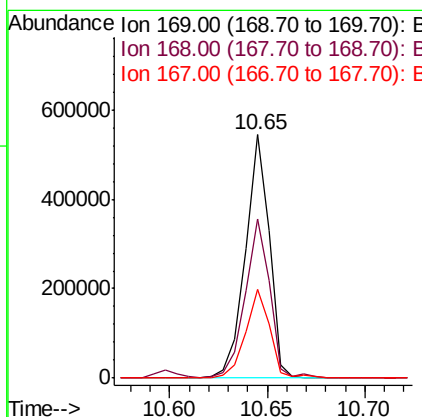
Manual Integrations
APPROVED

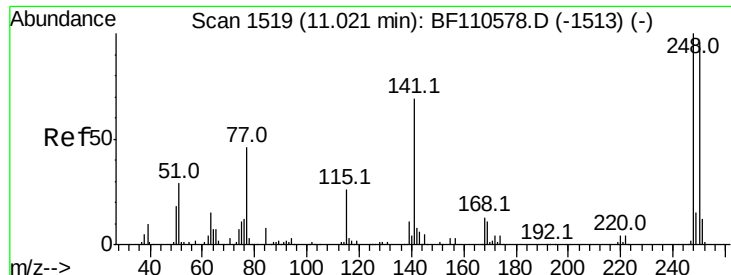
Sohil
11/14/2018 1:48:39 PM



#66
n-Nitrosodiphenylamine
Concen: 47.221 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.5	51.2	76.8
167	36.2	27.8	41.6





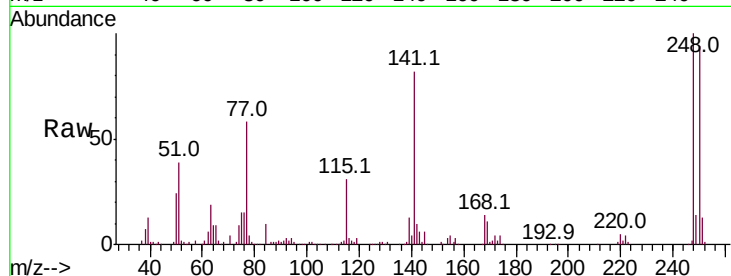
#67
4-Bromophenyl-phenylether
Concen: 45.337 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampled :
W-4-DMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.7	79.4	119.2
141	81.8	55.9	83.9

Manual Integrations
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Sohil
11/14/2018 1:48:39 PM

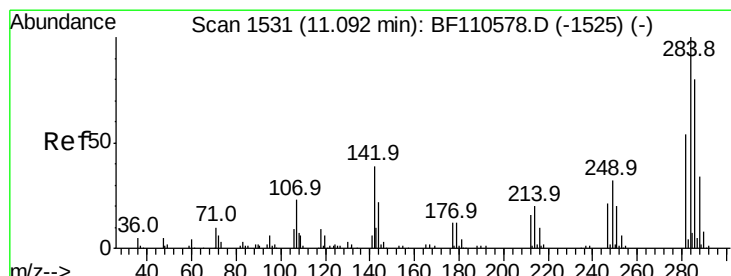
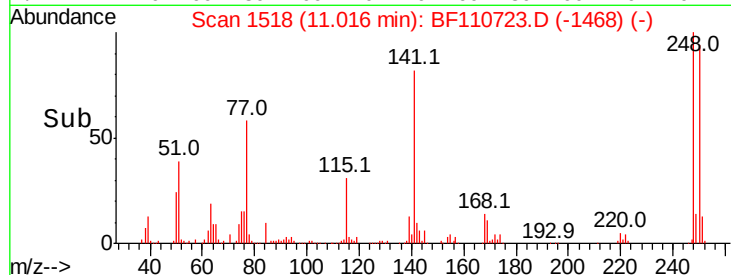
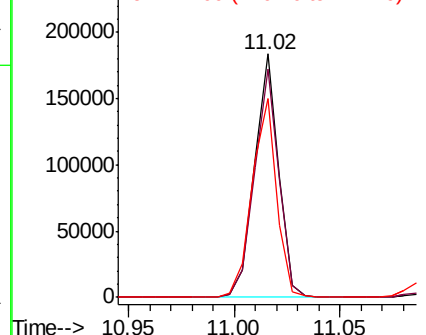


Abundance

Ion 248.00 (247.70 to 248.70): E

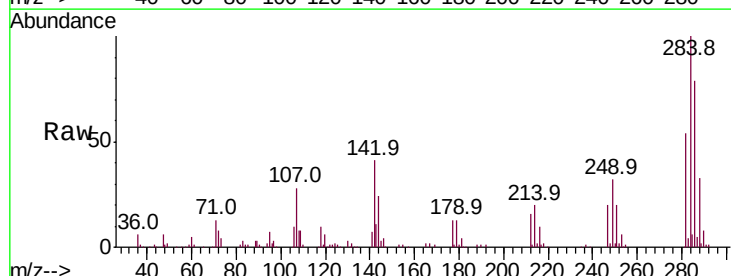
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.571 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.1	23.9	35.9#
249	32.1	24.2	36.2

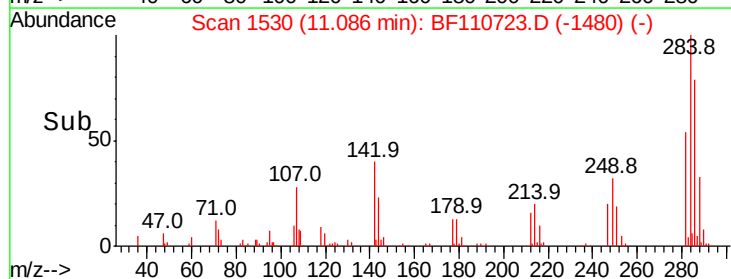
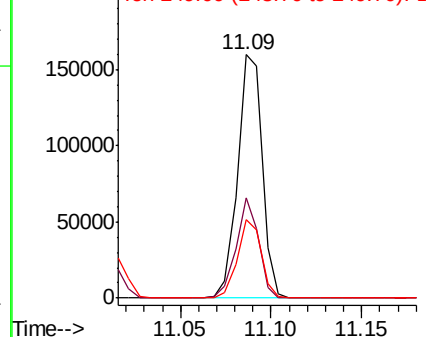


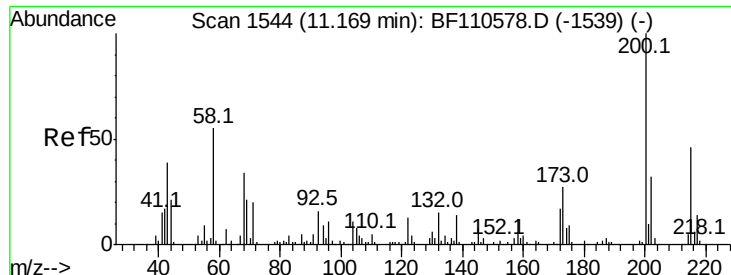
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





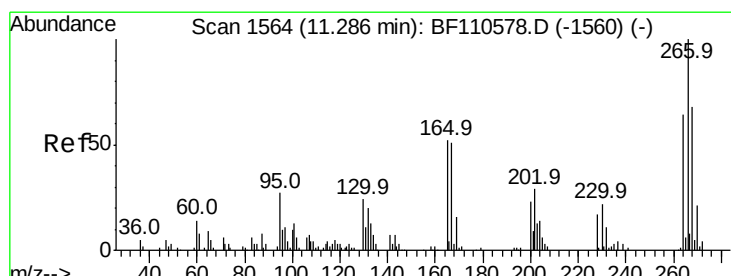
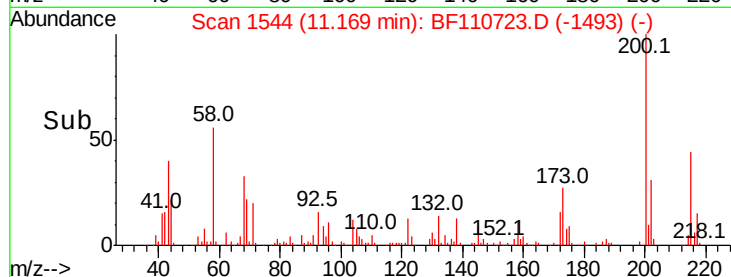
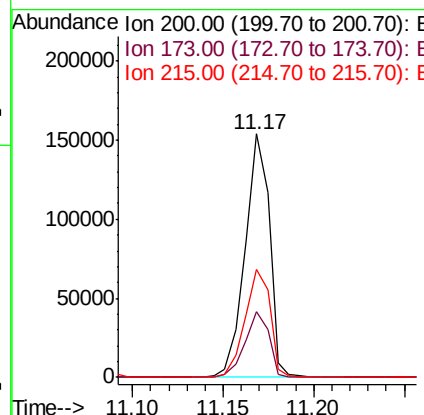
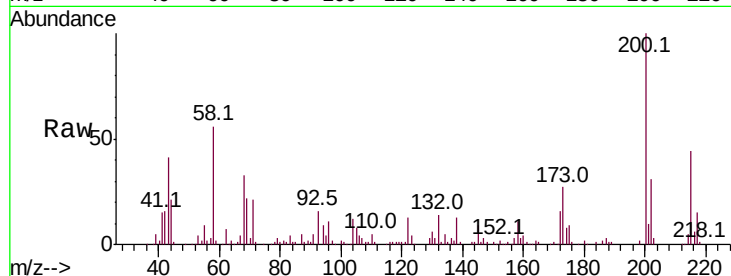
#69
Atrazine
Concen: 47.899 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	6.6	46.6
215	44.4	26.3	66.3

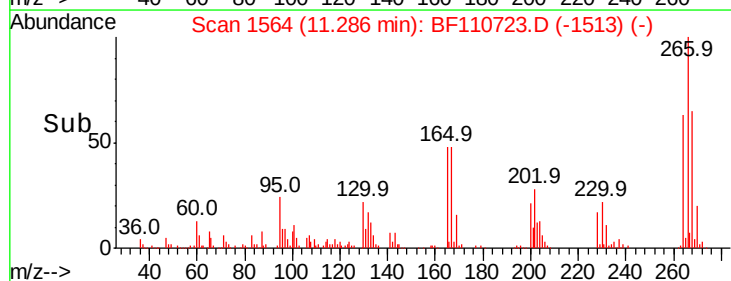
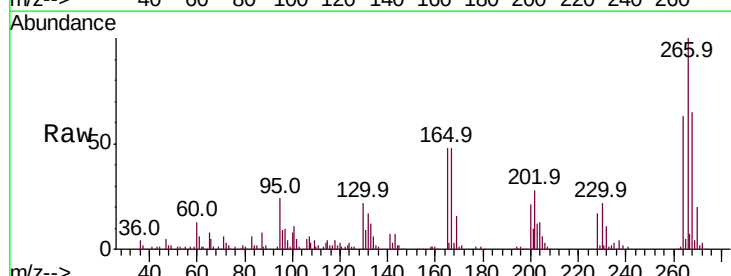
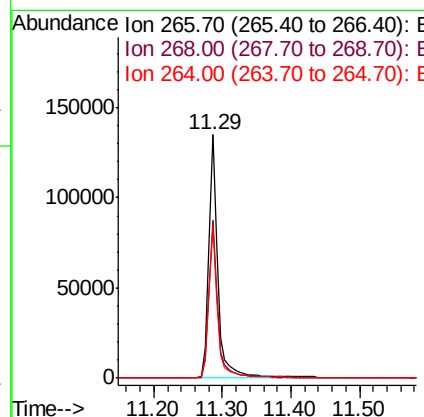
Manual Integrations
APPROVED

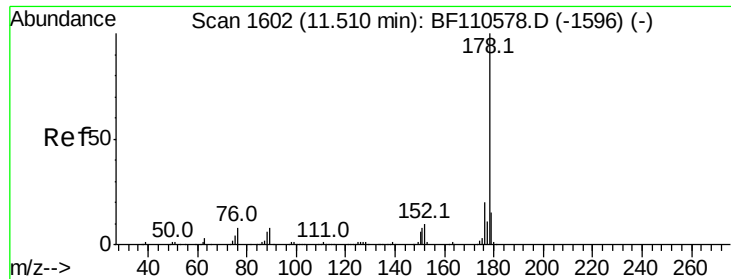
Sohil
11/14/2018 1:48:39 PM



#70
Pentachlorophenol
Concen: 73.342 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.7	50.6	75.8
264	62.8	50.6	75.8





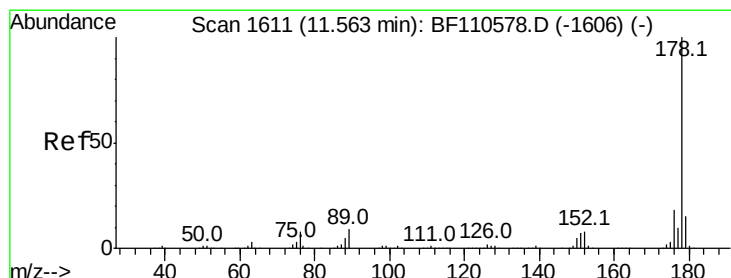
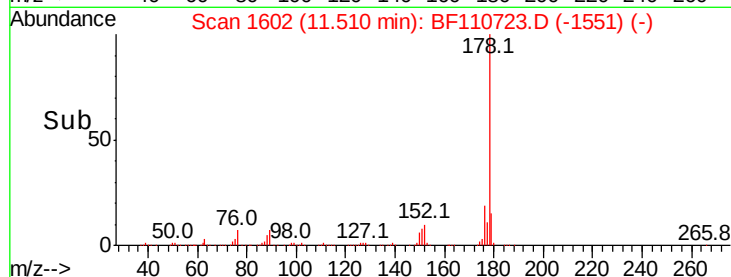
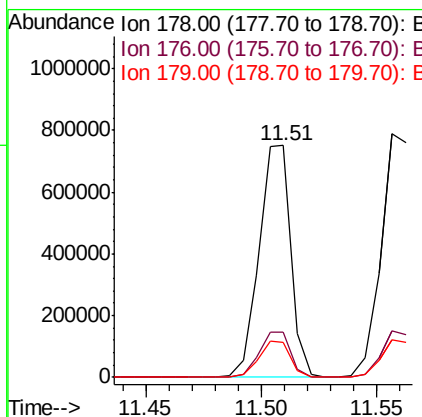
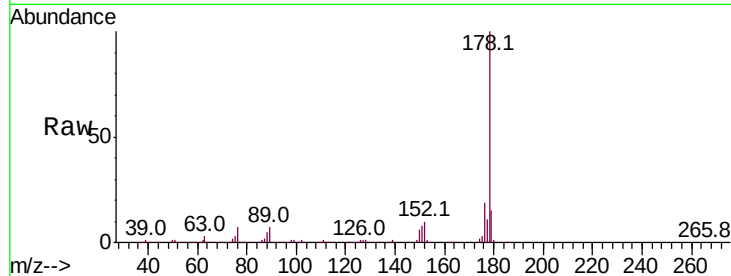
#71
Phenanthrene
Concen: 46.339 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.1	12.5	18.7

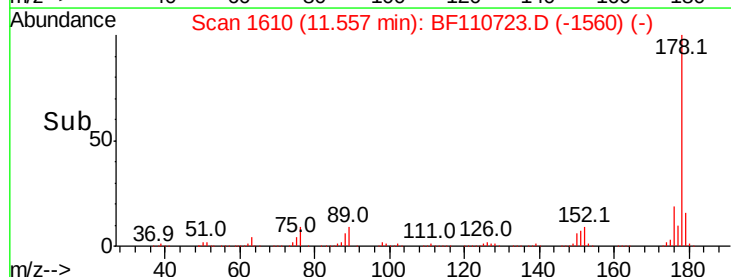
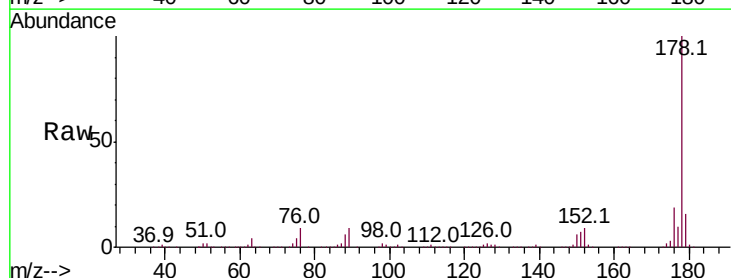
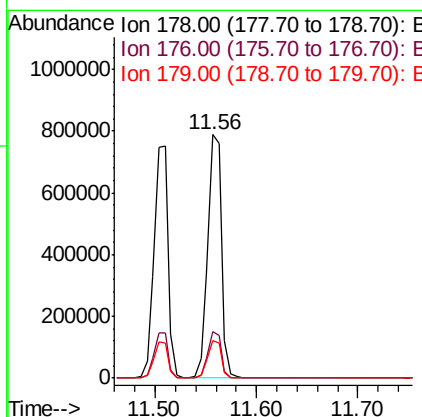
Manual Integrations
APPROVED

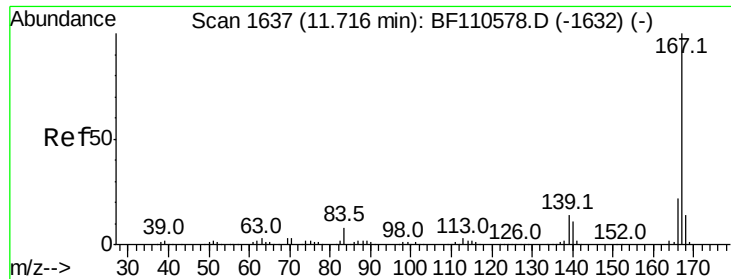
Sohil
11/14/2018 1:48:39 PM



#72
Anthracene
Concen: 47.330 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.6	12.6	18.8





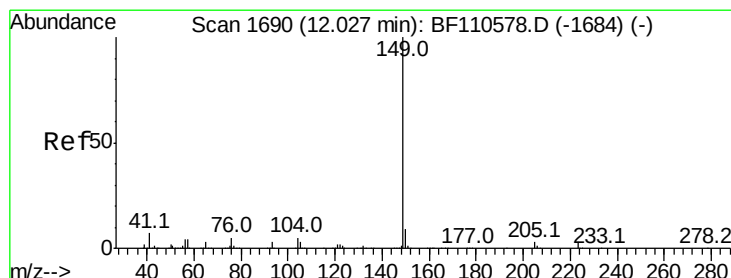
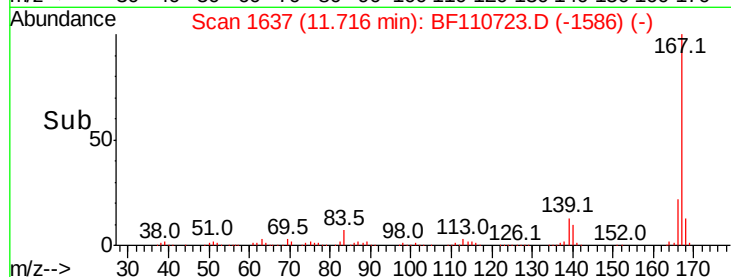
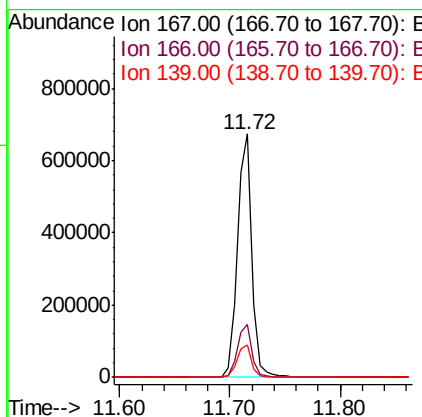
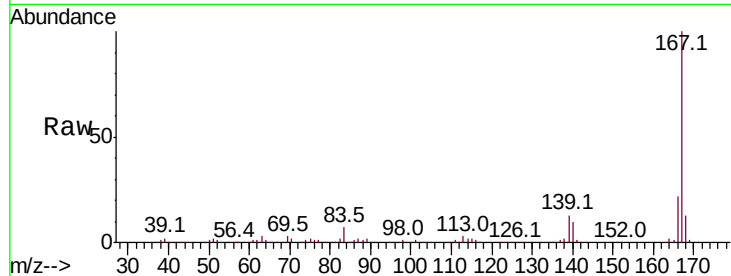
#73
 Carbazole
 Concen: 40.803 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :
 W-4-DMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	13.1	10.9	16.3

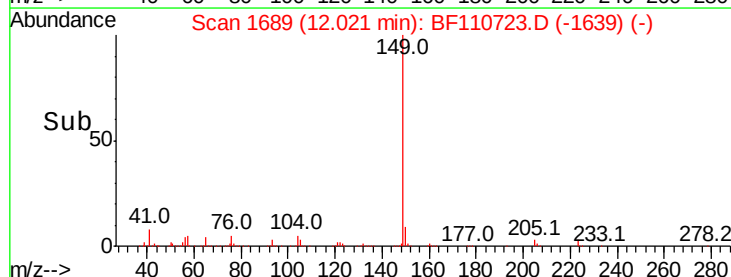
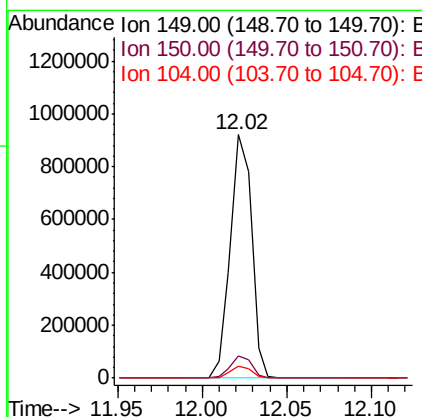
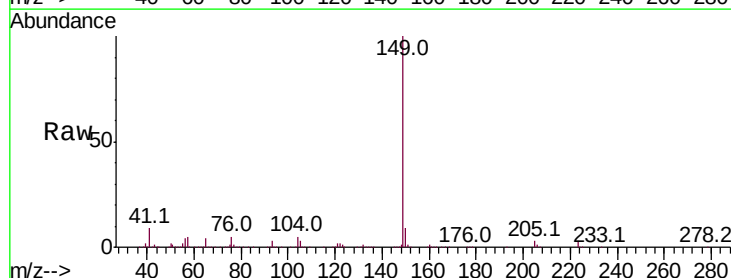
Manual Integrations
 APPROVED

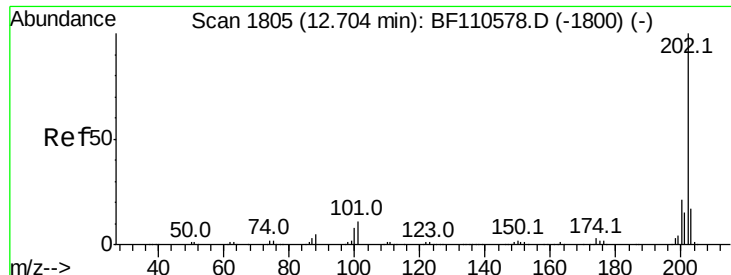
Sohil
 11/14/2018 1:48:39 PM



#74
 Di-n-butylphthalate
 Concen: 45.902 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.2	4.2	6.4





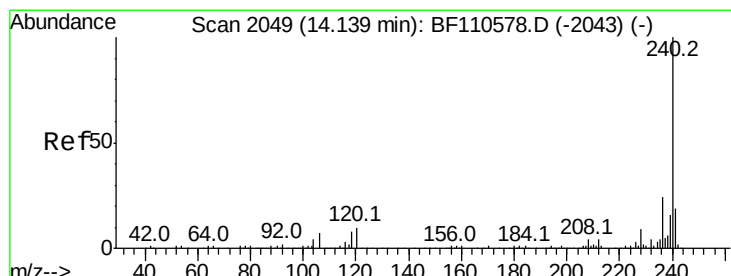
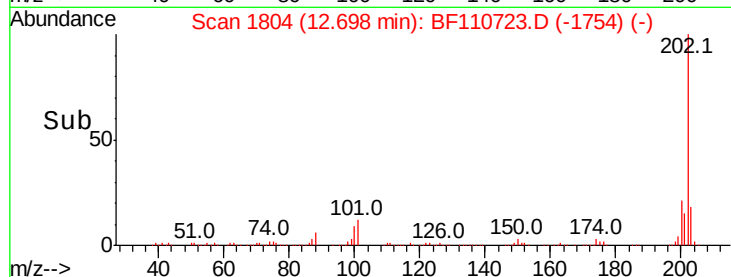
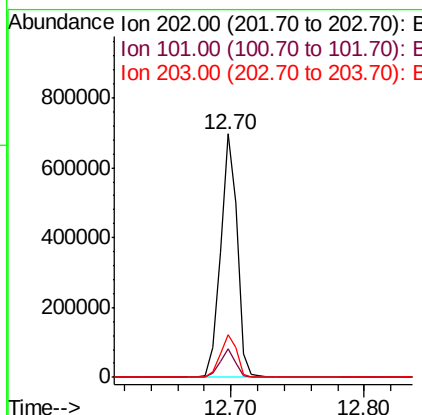
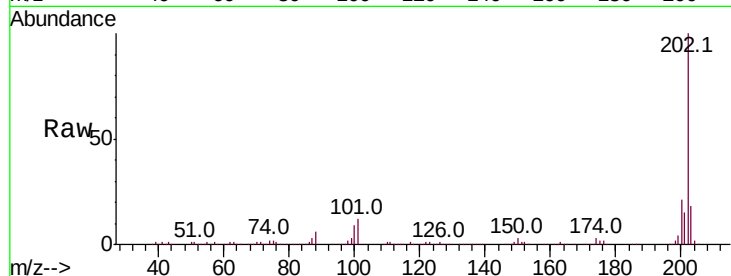
#75
 Fluoranthene
 Concen: 39.268 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :
 W-4-DMSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	31.4
203	17.7	0.0	37.7

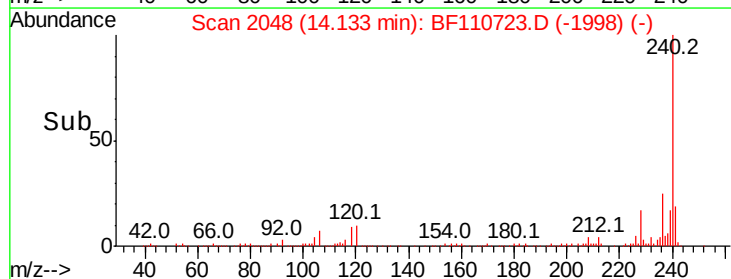
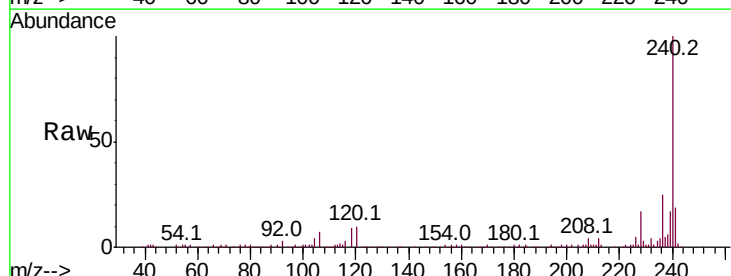
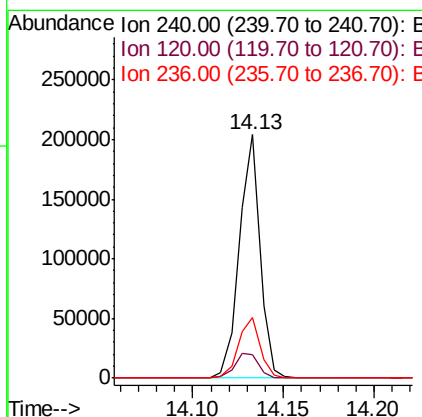
Manual Integrations
 APPROVED

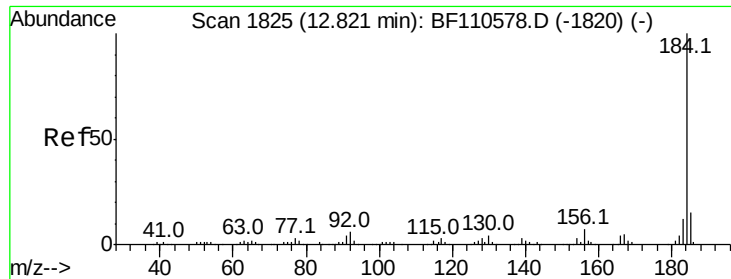
Sohil
 11/14/2018 1:48:39 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.5	8.3	12.5
236	24.6	21.2	31.8





#77

Benzidine

Concen: 17.293 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

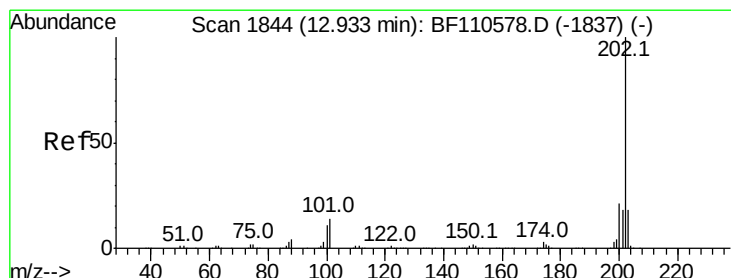
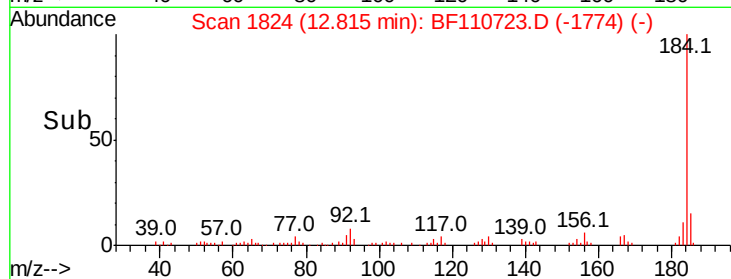
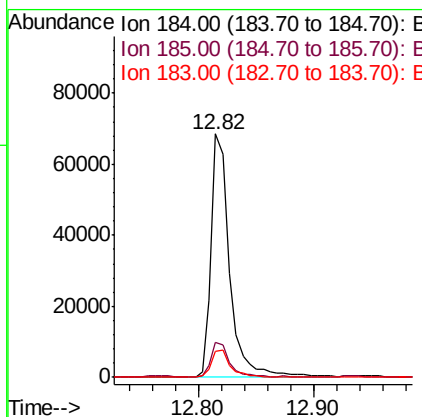
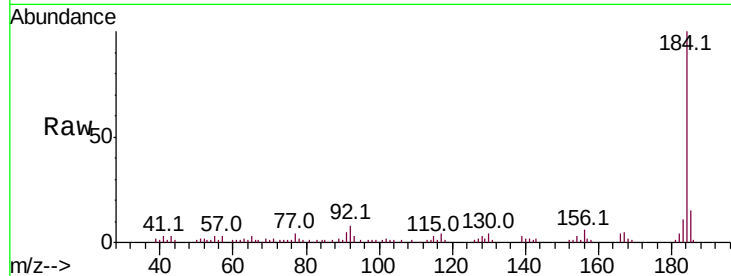
ClientSampleId :

W-4-DMSD

Tot Ion:	184	Resp:	77145
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.4	20.2
183	10.9	9.4	14.2

Manual Integrations
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#78

Pyrene

Concen: 47.214 ng

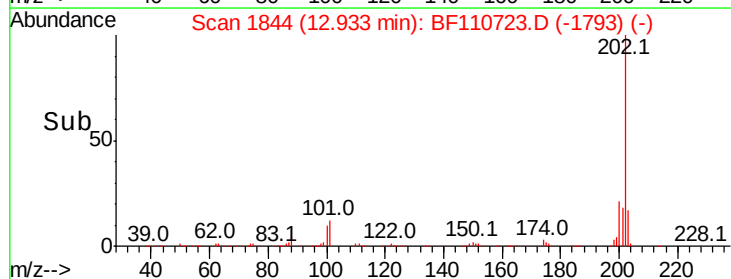
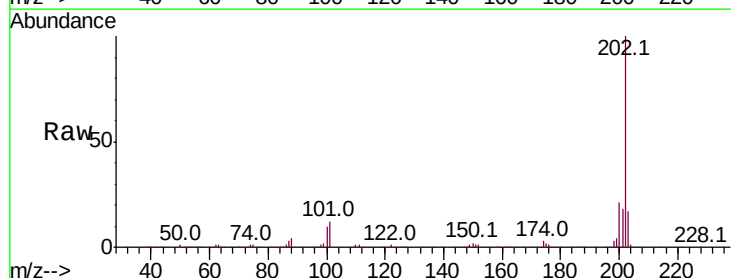
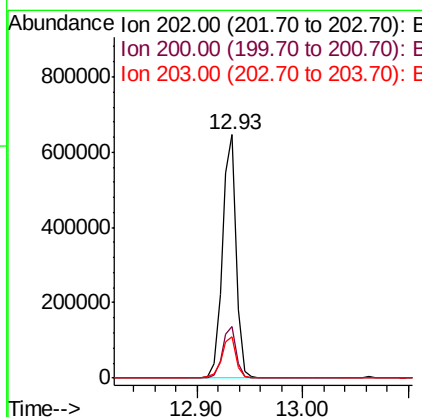
RT: 12.93 min Scan# 1844

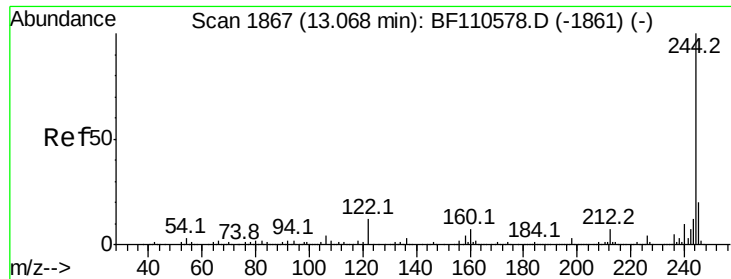
Delta R.T. 0.00 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Tgt Ion:	202	Resp:	589717
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.8	26.6
203	17.1	14.2	21.4





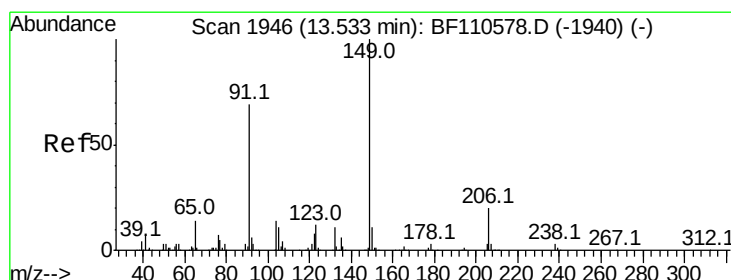
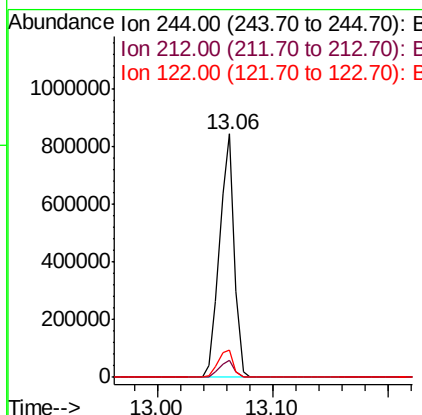
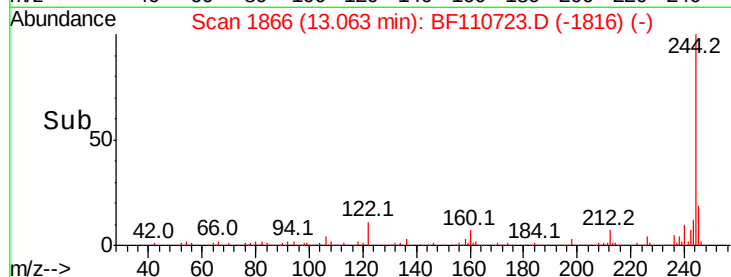
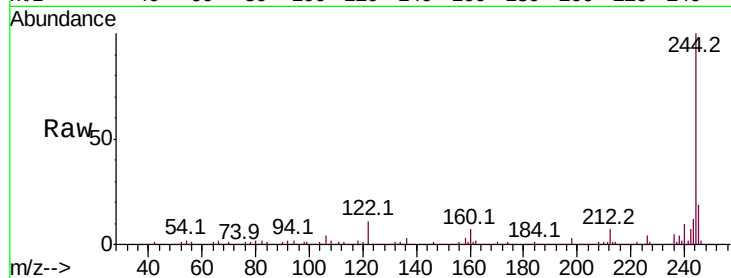
#79
 Terphenyl-d14
 Concen: 85.894 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :
 W-4-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	5.8	8.8	
122	11.3	8.7	13.1	

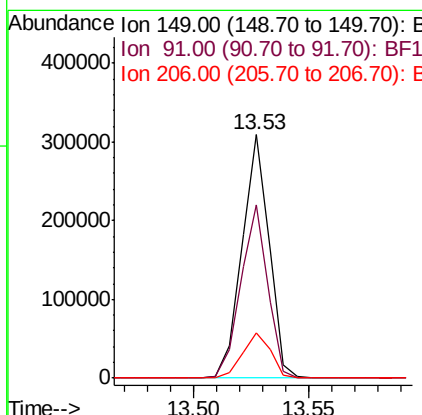
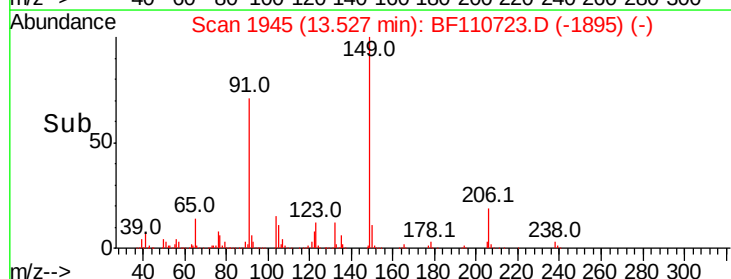
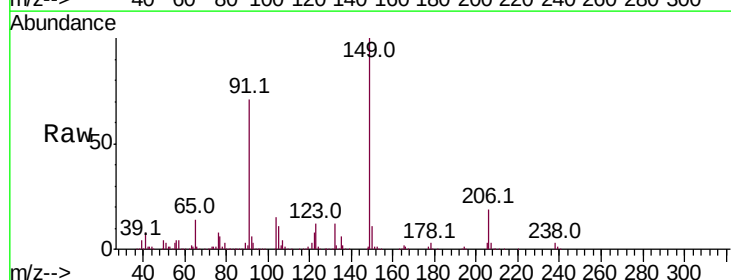
Manual Integrations
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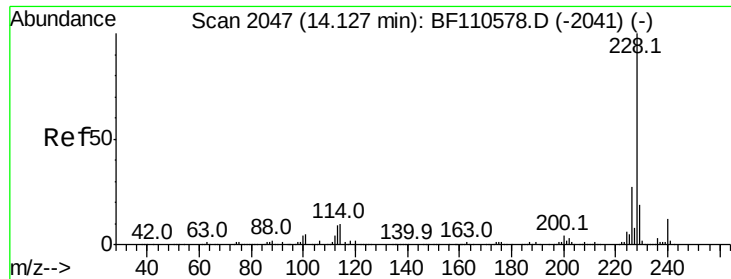
Sohil
 11/14/2018 1:48:39 PM



#80
 Butylbenzylphthalate
 Concen: 47.147 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	71.2	57.2	85.8	
206	18.7	15.7	23.5	





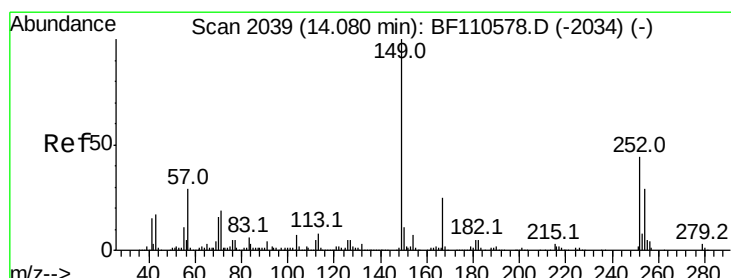
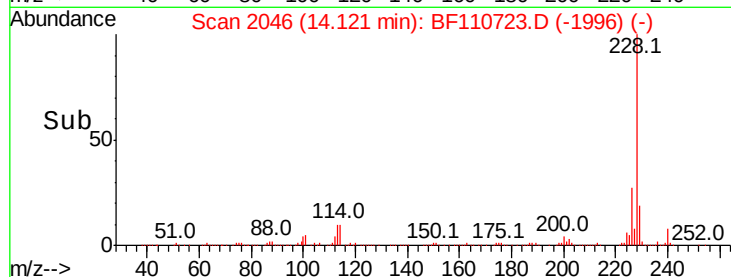
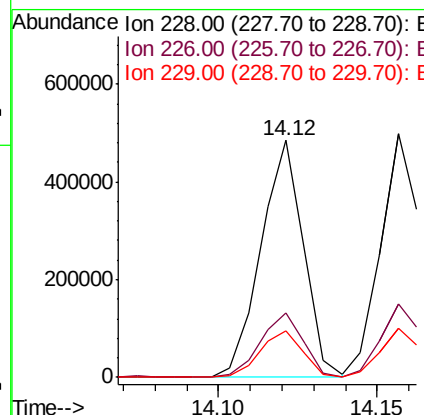
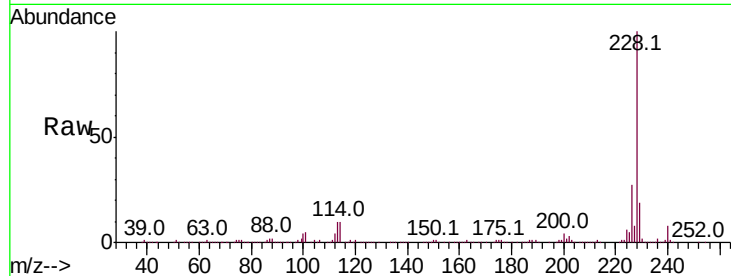
#81
Benzo(a)anthracene
Concen: 46.585 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	19.4	15.6	23.4

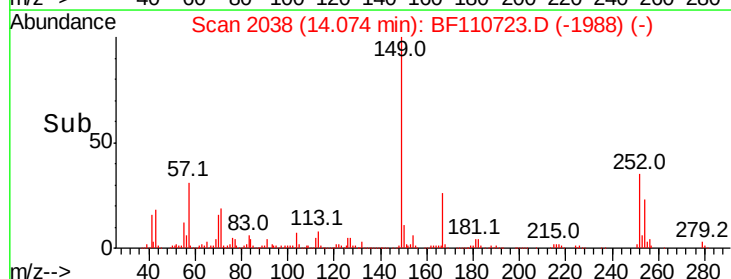
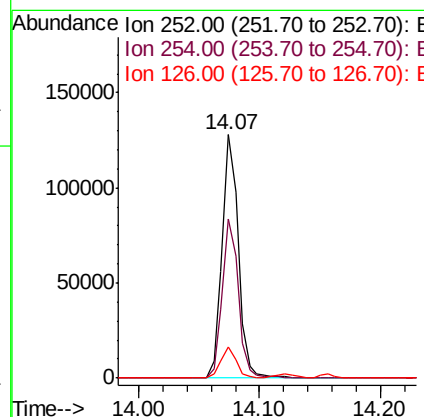
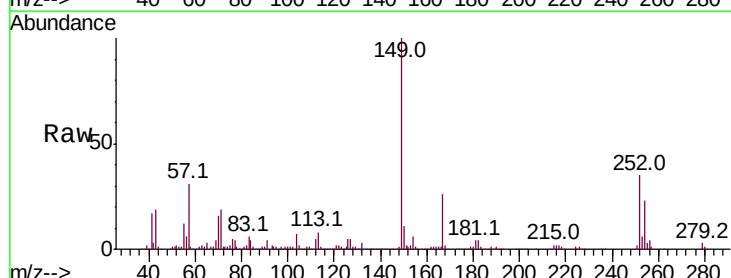
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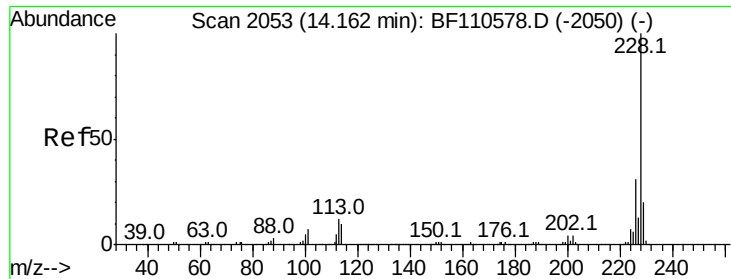
Sohil
11/14/2018 1:48:39 PM



#82
3,3'-Dichlorobenzidine
Concen: 36.301 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.3	76.9
126	13.0	9.4	14.2





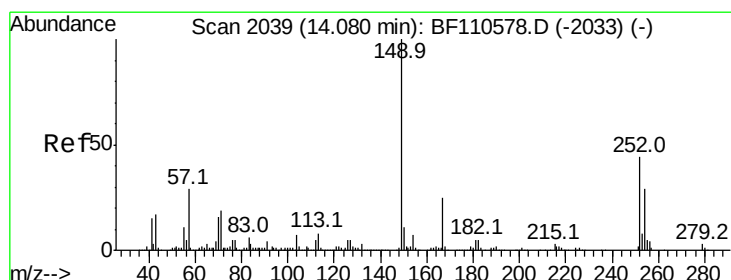
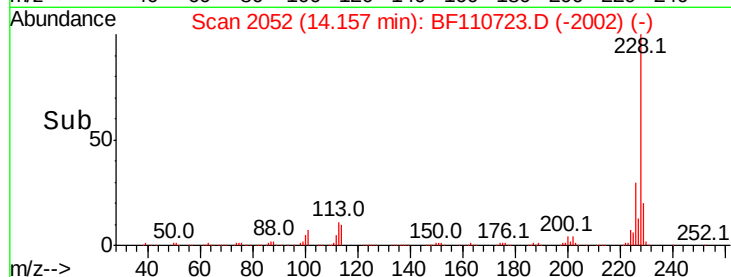
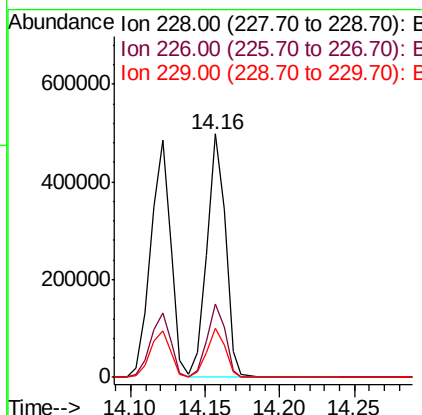
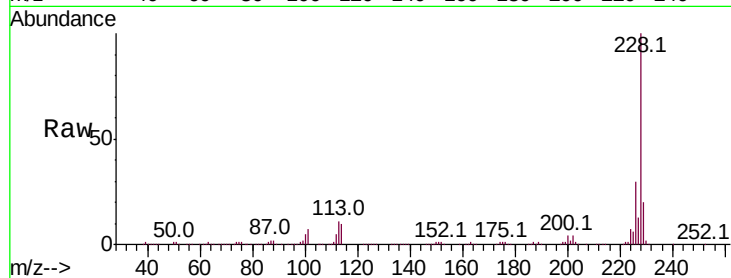
#83
 Chrysene
 Concen: 46.065 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Instrument :
 BNA_F
 ClientSampleId :
 W-4-DMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	20.3	15.9	23.9

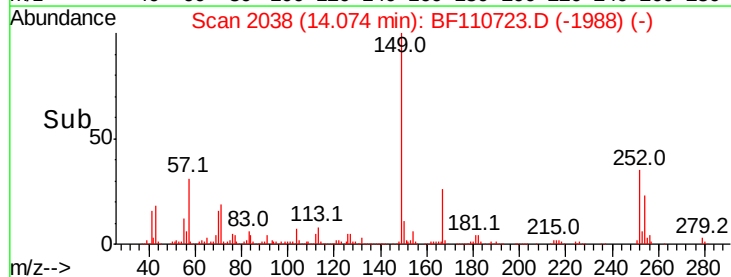
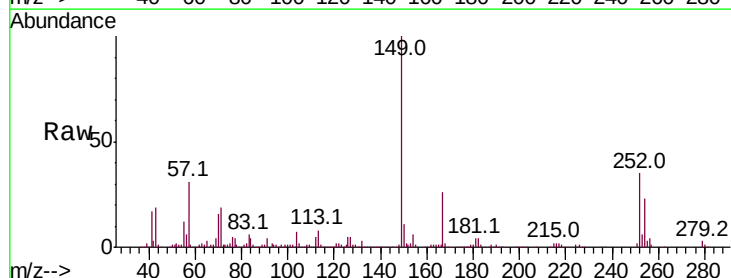
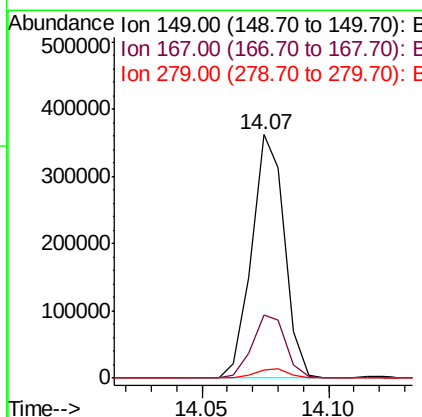
Manual Integrations
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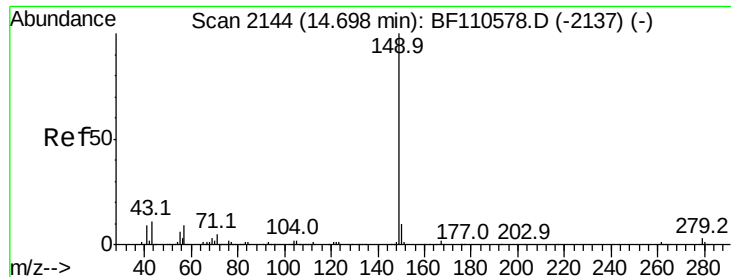
Sohil
 11/14/2018 1:48:39 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.759 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF110723.D
 Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	19.8	29.8
279	3.3	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 56.183 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

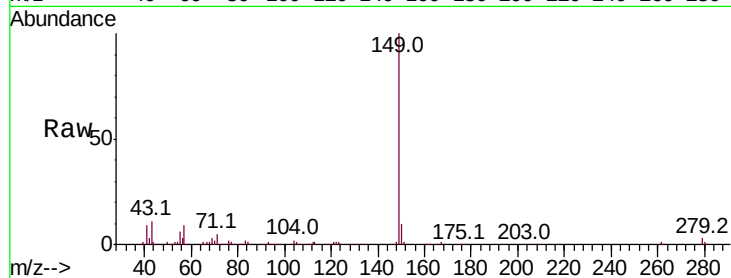
ClientSampleId :

W-4-DMSD

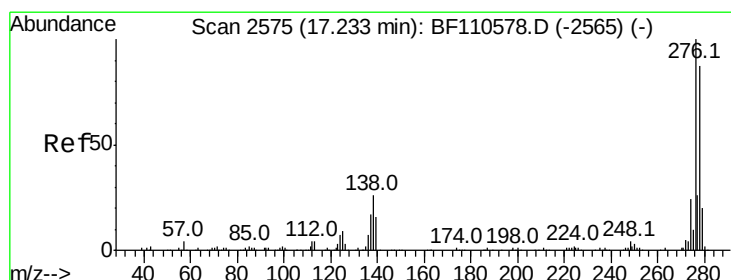
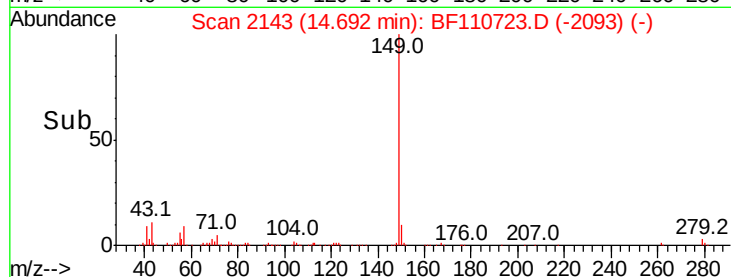
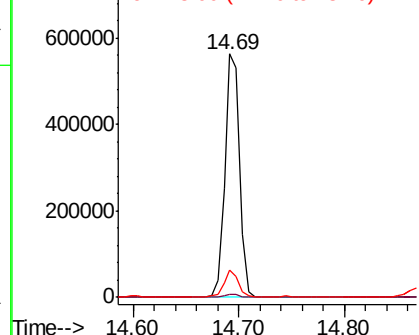
Tot Ion:	149	Resp:	550989
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.2	7.8	11.8

Manual Integrations
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11/14/2018 1:48:39 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 76.975 ng

RT: 17.24 min Scan# 2576

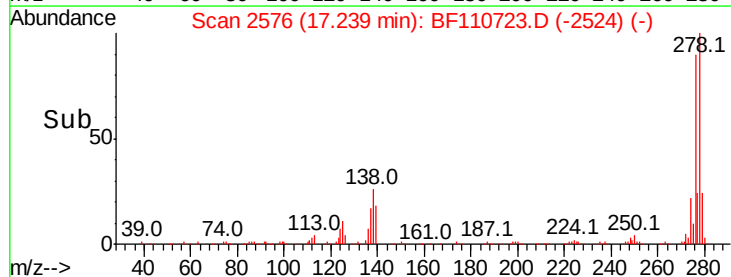
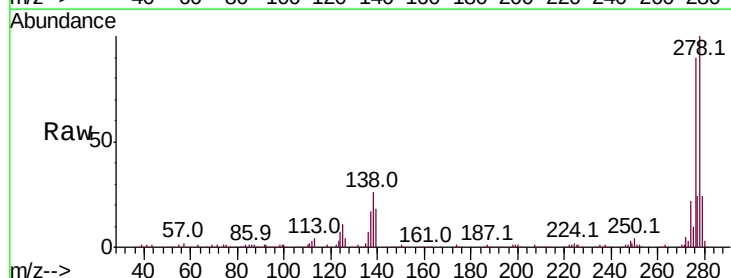
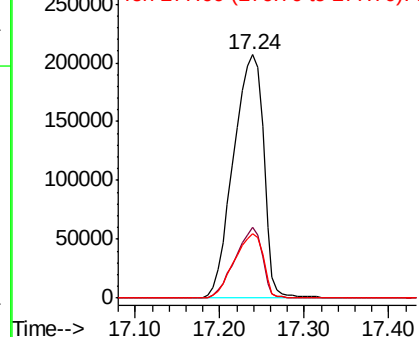
Delta R.T. 0.01 min

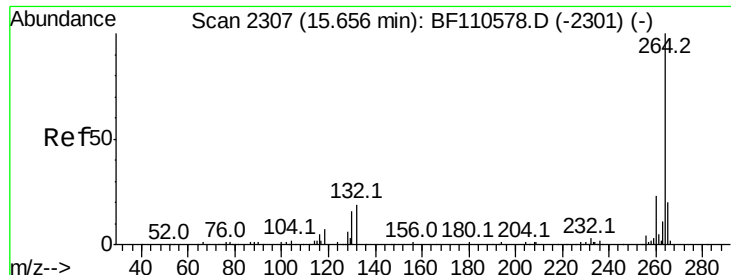
Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Tgt Ion:	276	Resp:	510242
Ion Ratio	Lower	Upper	
276	100		
138	26.2	18.5	27.7
277	25.5	20.0	30.0

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





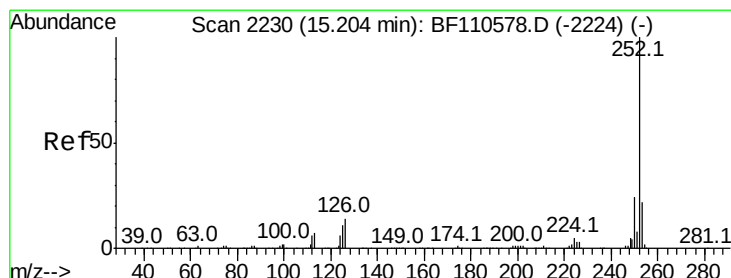
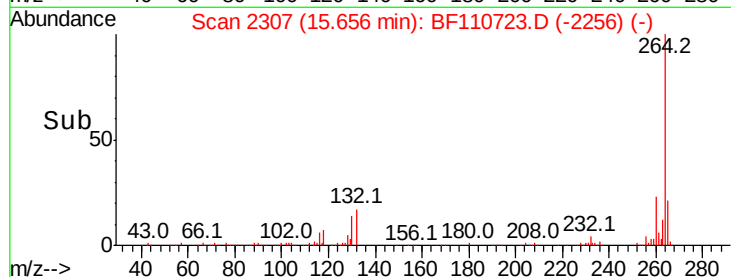
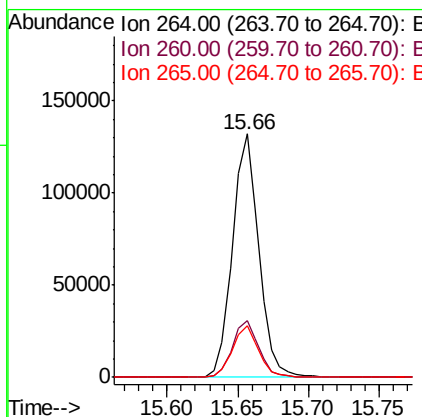
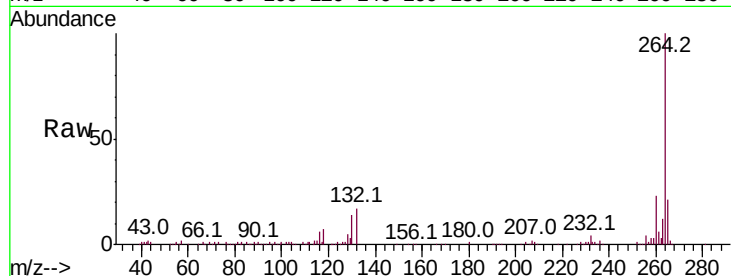
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.4	16.7	25.1

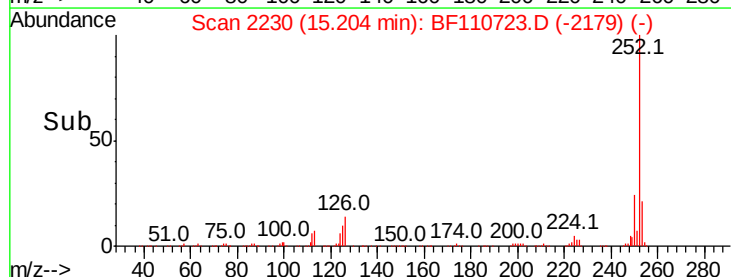
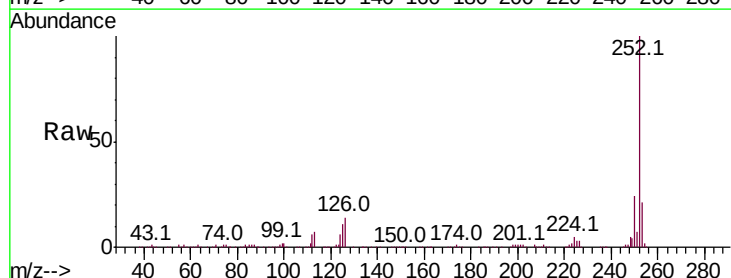
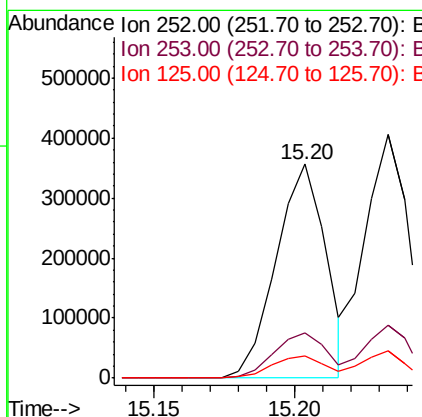
Manual Integrations
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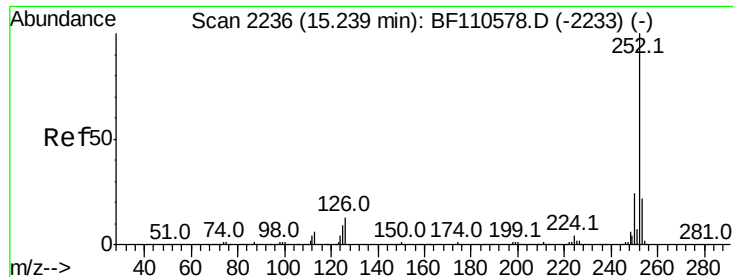
Sohil
11/14/2018 1:48:39 PM



#88
Benzo(b)fluoranthene
Concen: 42.522 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	10.6	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 43.650 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Instrument :

BNA_F

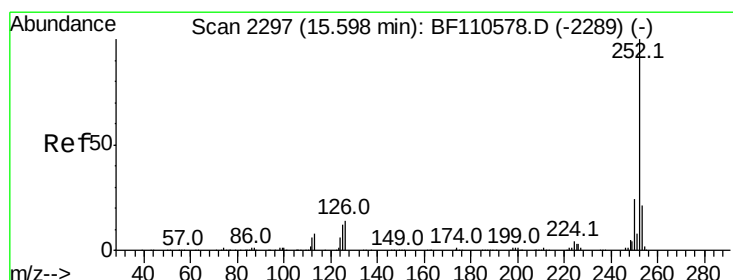
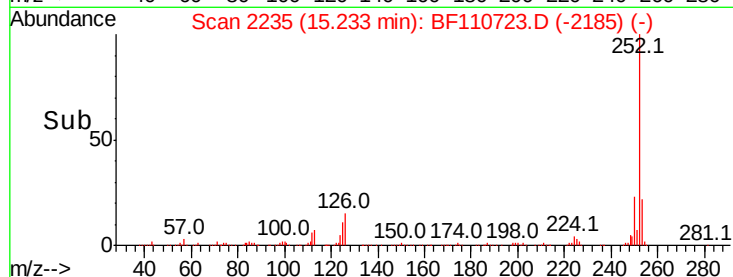
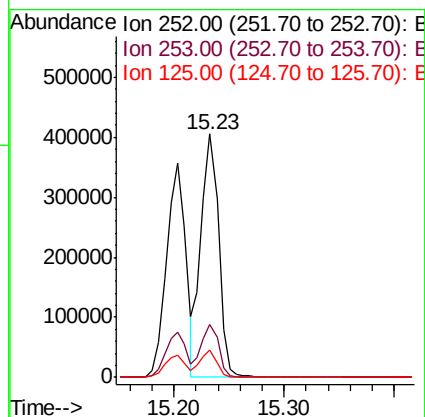
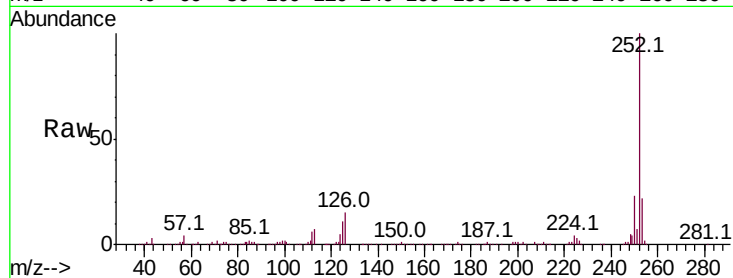
ClientSampled :

W-4-DMSD

Tot Ion:	252	Resp:	442186
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.2	25.8
125	11.0	7.4	11.0

Manual Integrations
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11/14/2018 1:48:39 PM



#90

Benzo(a)pyrene

Concen: 47.314 ng

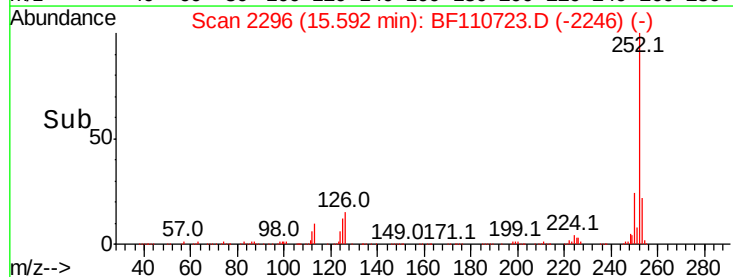
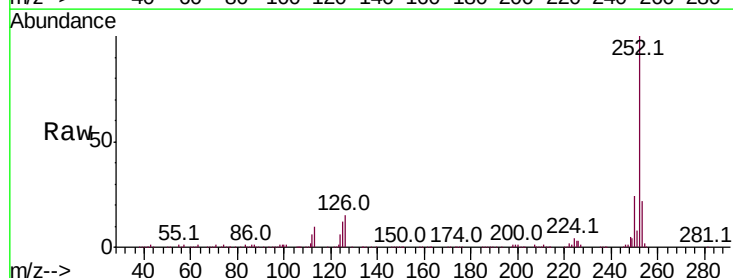
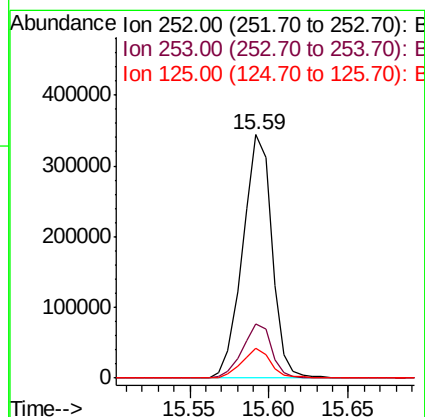
RT: 15.59 min Scan# 2296

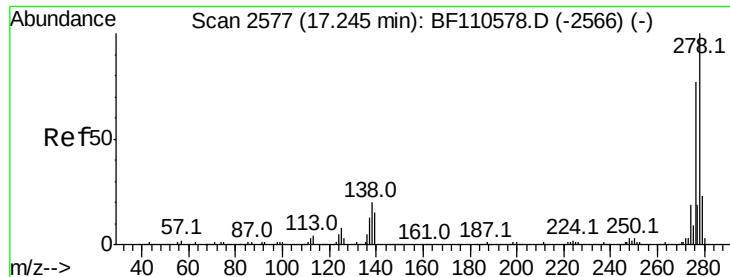
Delta R.T. -0.01 min

Lab File: BF110723.D

Acq: 13 Nov 2018 17:09

Tgt Ion:	252	Resp:	440716
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.4
125	12.2	9.0	13.6





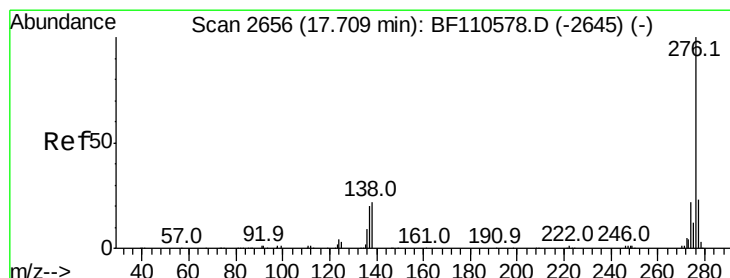
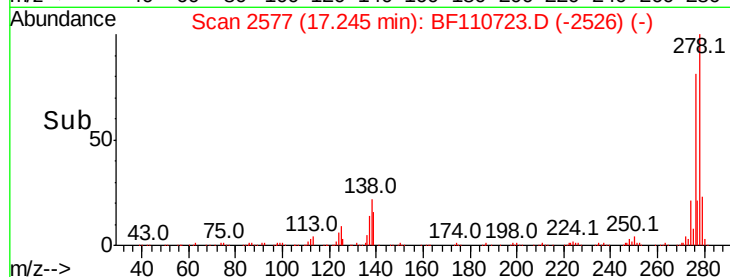
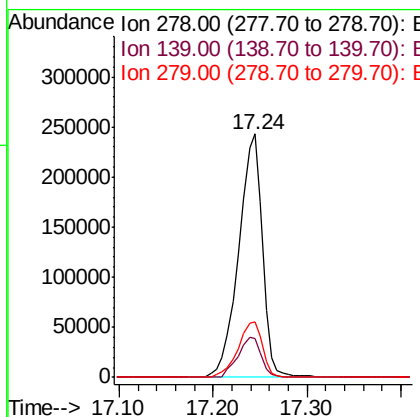
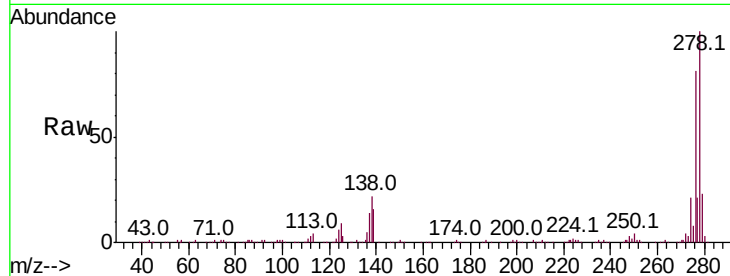
#91
Dibenzo(a,h)anthracene
Concen: 54.148 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Instrument :
BNA_F
ClientSampleId :
W-4-DMSD

Tot Ion:278	Resp:	426822
Ion Ratio	Lower	Upper
278 100		
139 15.8	12.7	19.1
279 23.0	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/14/2018 1:48:39 PM



#92
Benzo(g,h,i)perylene
Concen: 52.852 ng
RT: 17.71 min Scan# 2656
Delta R.T. -0.00 min
Lab File: BF110723.D
Acq: 13 Nov 2018 17:09

Tgt Ion:276	Resp:	413354
Ion Ratio	Lower	Upper
276 100		
277 23.2	18.8	28.2
138 22.6	16.0	24.0

