

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110679.D
 Acq On : 12 Nov 2018 17:27
 Operator : JU/SJ
 Sample : J5269-10MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-DMSD

Manual Integrations
 APPROVED

Sohil
 11/13/2018 11:16:28 AM

Quant Time: Nov 13 05:47:33 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	88599	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	370850	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	180775	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	332279	20.00	ng	0.00
76) Chrysene-d12	14.13	240	203237	20.00	ng	0.00
87) Perylene-d12	15.66	264	162873	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	539490	98.91	ng	0.02
7) Phenol-d6	6.57	99	641997	92.04	ng	0.00
23) Nitrobenzene-d5	7.52	82	492655	76.50	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	198429	108.94	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	943217	74.52	ng	0.00
79) Terphenyl-d14	13.06	244	879686	81.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	81181	29.871	ng	# 72
3) Pyridine	3.69	79	209163	35.655	ng	# 85
4) n-Nitrosodimethylamine	3.63	42	121329	48.202	ng	92
6) Aniline	6.62	93	70728	7.776	ng	# 59
8) 2-Chlorophenol	6.73	128	273072	42.706	ng	98
9) Benzaldehyde	6.50	77	173318	49.121	ng	95
10) Phenol	6.59	94	281737	34.835	ng	# 63
11) bis(2-Chloroethyl)ether	6.68	93	254704	42.022	ng	94
12) 1,3-Dichlorobenzene	6.89	146	272615	38.965	ng	99
13) 1,4-Dichlorobenzene	6.96	146	278271	39.168	ng	98
14) 1,2-Dichlorobenzene	7.12	146	267459	40.468	ng	100
15) Benzyl Alcohol	7.09	79	240485	44.058	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	398904	41.907	ng	77
17) 2-Methylphenol	7.20	107	219090	43.052	ng	# 84
18) Hexachloroethane	7.45	117	103756	39.559	ng	93
19) n-Nitroso-di-n-propylamine	7.36	70	193853	43.539	ng	95
20) 3+4-Methylphenols	7.35	107	277381	42.461	ng	# 71
22) Acetophenone	7.36	105	389724	45.092	ng	# 94
24) Nitrobenzene	7.53	77	296443	44.931	ng	93
25) Isophorone	7.77	82	539665	51.132	ng	95
26) 2-Nitrophenol	7.85	139	149315	45.365	ng	95
27) 2,4-Dimethylphenol	7.87	122	252920	50.456	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	335126	46.896	ng	99
29) 2,4-Dichlorophenol	8.09	162	240426	46.613	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	248818	42.786	ng	96
31) Naphthalene	8.25	128	813810	46.745	ng	99
32) Benzoic acid	7.99	122	69312m	19.543	ng	
33) 4-Chloroaniline	8.30	127	43653	5.536	ng	97
34) Hexachlorobutadiene	8.35	225	133614	40.225	ng	99
35) Caprolactam	8.68	113	54795m	31.798	ng	
36) 4-Chloro-3-methylphenol	8.79	107	258962	46.553	ng	95
37) 2-Methylnaphthalene	8.94	142	571394	50.066	ng	99
38) 1-Methylnaphthalene	9.04	142	537981m	49.016	ng	
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	239495	41.853	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	172477	77.577	nq	99
43) 2,4,6-Trichlorophenol	9.22	196	164788	45.827	nq	94
44) 2,4,5-Trichlorophenol	9.27	196	172489	44.970	nq	95
46) 1,1'-Biphenyl	9.40	154	705004	41.806	nq	100
47) 2-Chloronaphthalene	9.43	162	531977	43.787	nq	98
48) 2-Nitroaniline	9.53	65	167434	44.722	nq	97
49) Acenaphthylene	9.85	152	833729	47.651	nq	98
50) Dimethylphthalate	9.70	163	625973	46.406	nq	99
51) 2,6-Dinitrotoluene	9.77	165	137622	46.380	nq	97
52) Acenaphthene	10.02	154	505863	45.750	nq	99
53) 3-Nitroaniline	9.95	138	37784	10.991	nq	99
54) 2,4-Dinitrophenol	10.06	184	55262	48.705	nq	93
55) Dibenzofuran	10.20	168	718689	44.425	nq	97
56) 4-Nitrophenol	10.12	139	164475	72.116	nq	96
57) 2,4-Dinitrotoluene	10.19	165	181878	47.141	nq	97
58) Fluorene	10.54	166	596370	47.994	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	140794	46.660	nq	94
60) Diethylphthalate	10.40	149	623690	46.736	nq	99
61) 4-Chlorophenyl-phenylether	10.53	204	283132	44.007	nq	96
62) 4-Nitroaniline	10.57	138	137642	39.760	nq	97
63) Azobenzene	10.69	77	589580	45.283	nq	98
65) 4,6-Dinitro-2-methylphenol	10.60	198	52070	31.093	nq	86
66) n-Nitrosodiphenylamine	10.65	169	511467	45.667	nq	96
67) 4-Bromophenyl-phenylether	11.02	248	165712	45.124	nq	# 89
68) Hexachlorobenzene	11.09	284	178837	46.190	nq	94
69) Atrazine	11.17	200	149949	43.787	nq	99
70) Pentachlorophenol	11.29	266	137319	66.468	nq	97
71) Phenanthrene	11.51	178	855223	48.041	nq	99
72) Anthracene	11.56	178	880686	49.042	nq	99
73) Carbazole	11.72	167	728286	42.229	nq	100
74) Di-n-butylphthalate	12.03	149	949361	46.943	nq	99
75) Fluoranthene	12.70	202	825606	46.259	nq	99
77) Benzidine	12.82	184	217118	38.847	nq	98
78) Pyrene	12.93	202	809159	51.708	nq	98
80) Butylbenzylphthalate	13.53	149	351299	52.157	nq	96
81) Benzo(a)anthracene	14.12	228	609534	50.177	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	19715	4.845	nq	99
83) Chrysene	14.16	228	566463	48.946	nq	98
84) Bis(2-ethylhexyl)phthalate	14.08	149	496238	59.391	nq	97
85) Di-n-octyl phthalate	14.70	149	726612	59.137	nq	98
86) Indeno(1,2,3-cd)pyrene	17.24	276	518631	62.450	nq	97
88) Benzo(b)fluoranthene	15.20	252	488297	50.115	nq	98
89) Benzo(k)fluoranthene	15.23	252	415259m	43.131	nq	
90) Benzo(a)pyrene	15.60	252	438020	49.478	nq	99
91) Dibenzo(a,h)anthracene	17.24	278	432969	57.793	nq	99
92) Benzo(g,h,i)perylene	17.72	276	439983	59.193	nq	98

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

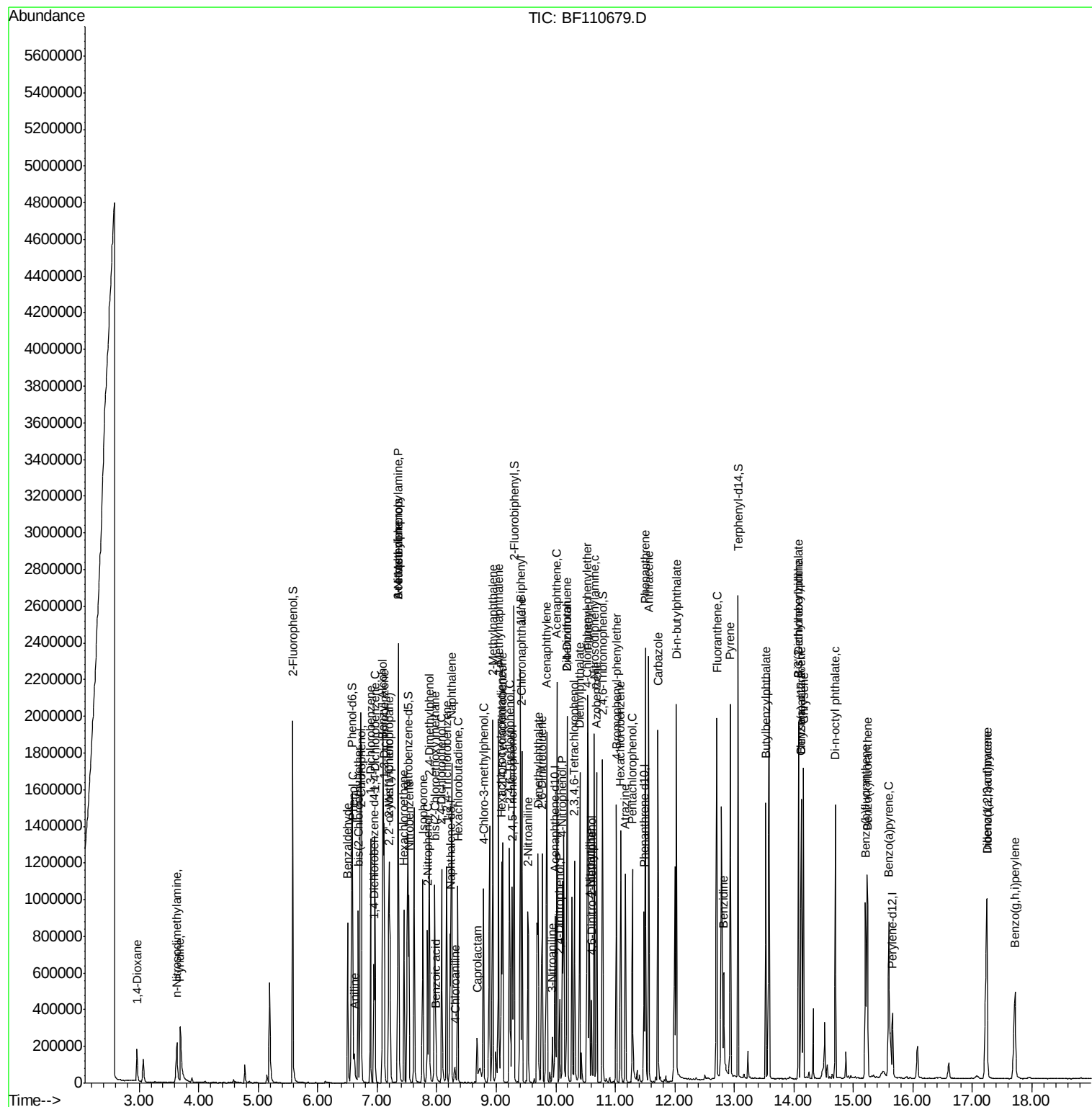
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
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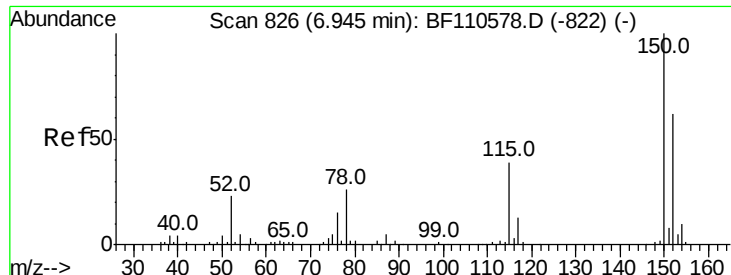
Instrument :
BNA_F
ClientSampled :
SB-12-DMSD

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#1

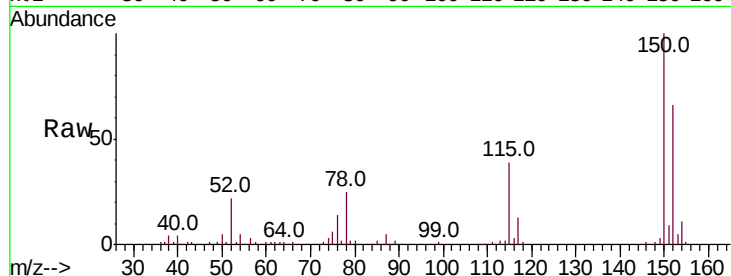
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.7	184.1
115	60.0	49.1	73.7

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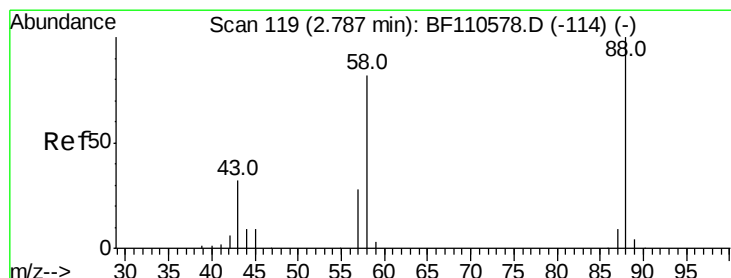
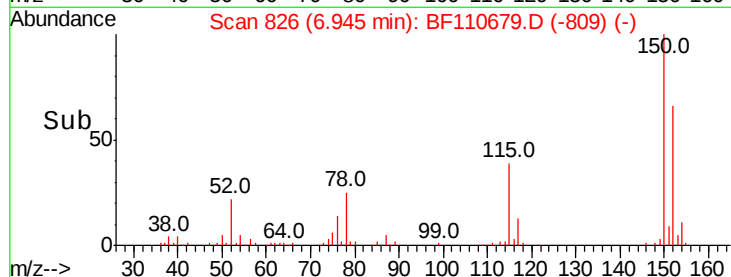
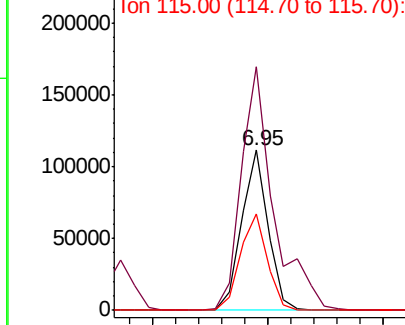


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

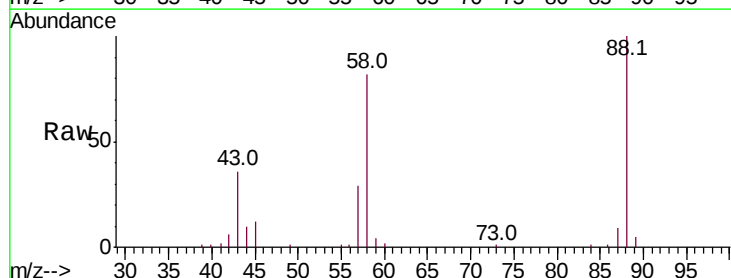
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.871 ng
RT: 2.96 min Scan# 149
Delta R.T. 0.18 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	57.1	85.7
43	0.0	24.1	36.1

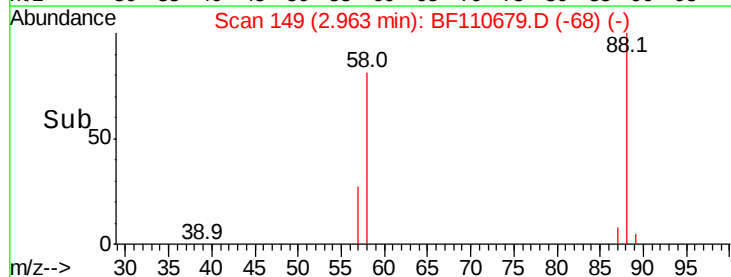
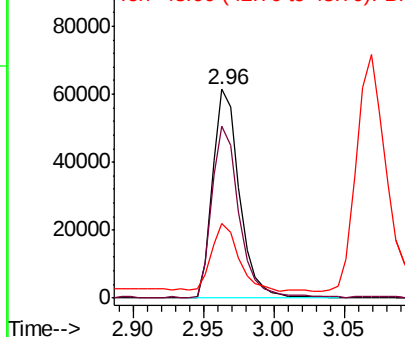


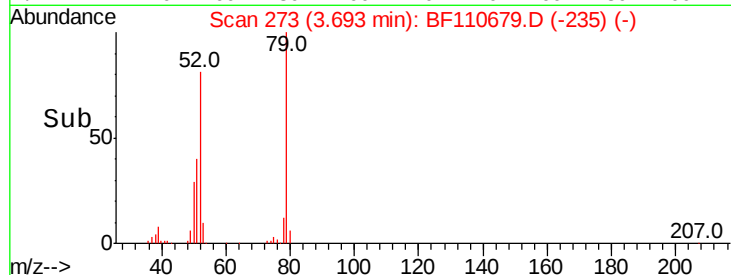
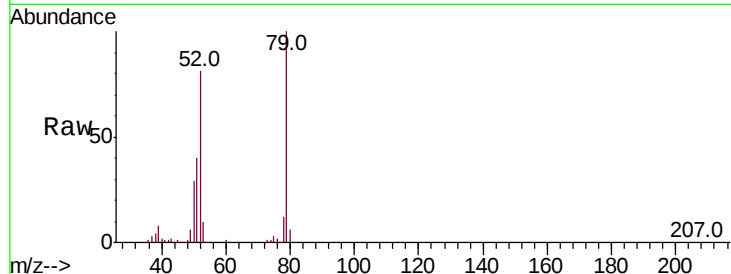
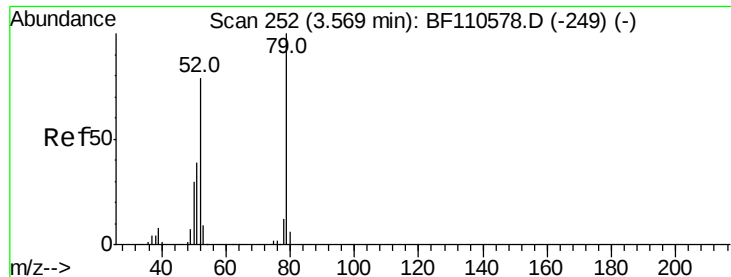
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





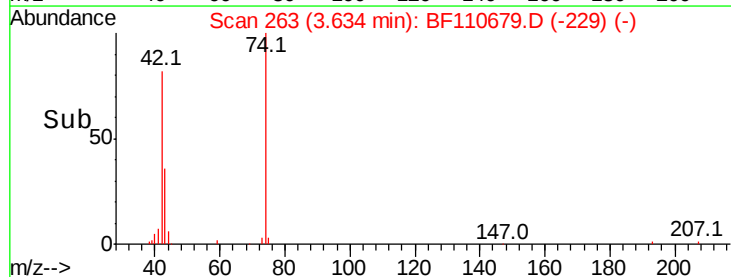
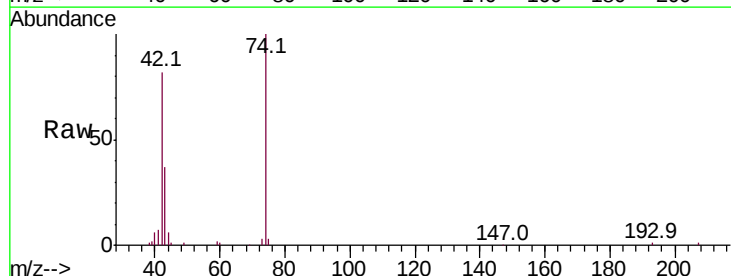
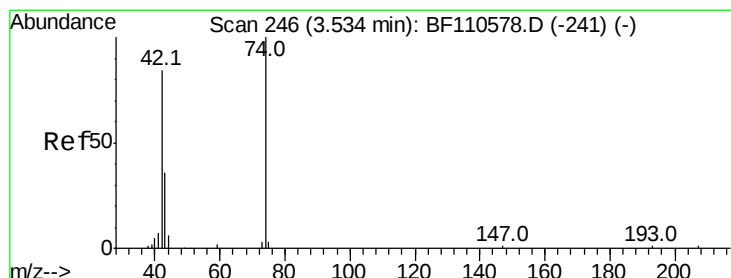
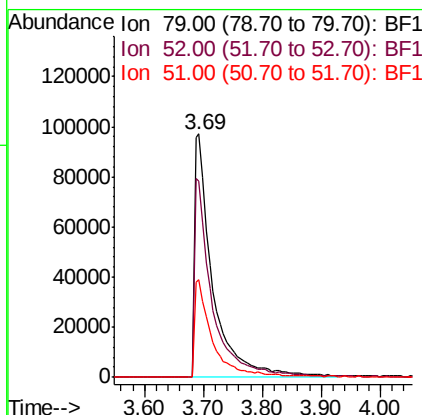
#3
 Pvridine
 Concen: 35.655 ng
 RT: 3.69 min Scan# 273
 Delta R.T. 0.12 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.7	53.1	79.7#
51	40.3	27.4	41.2

Instrument :
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 ClientSampleId :
 SB-12-DMSD

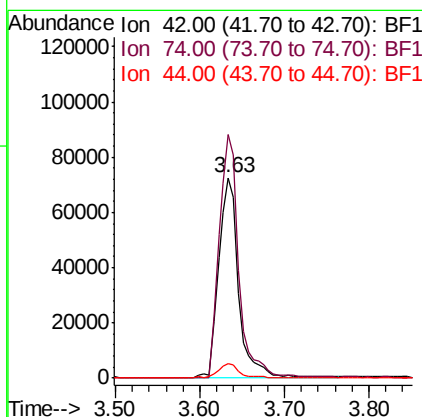
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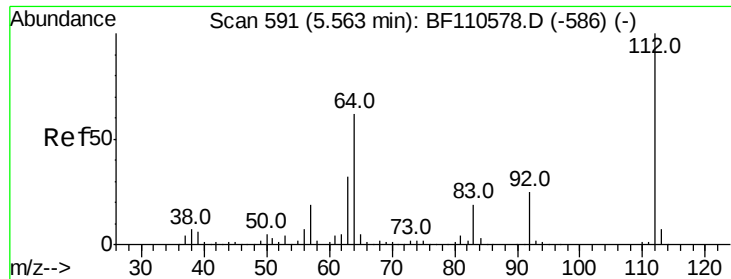
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#4
 n-Nitrosodimethylamine
 Concen: 48.202 ng
 RT: 3.63 min Scan# 263
 Delta R.T. 0.10 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.6	105.5	158.3
44	6.9	4.9	7.3





#5

2-Fluorophenol

Concen: 98.907 ng

RT: 5.58 min Scan# 594

Delta R.T. 0.02 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

BNA_F

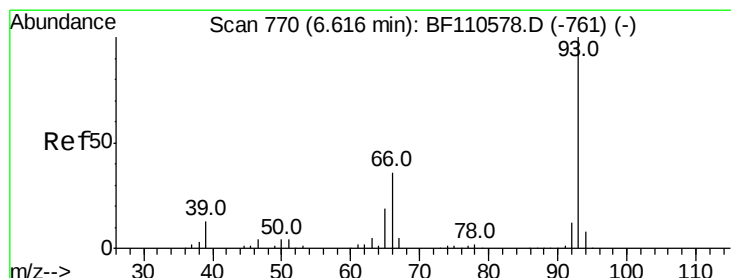
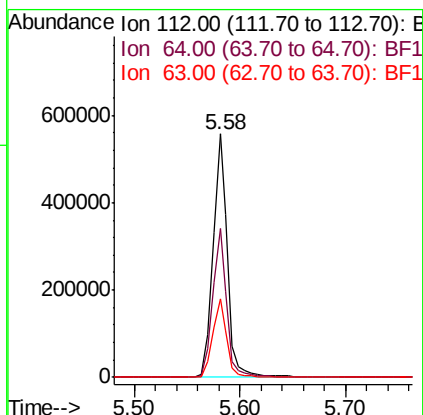
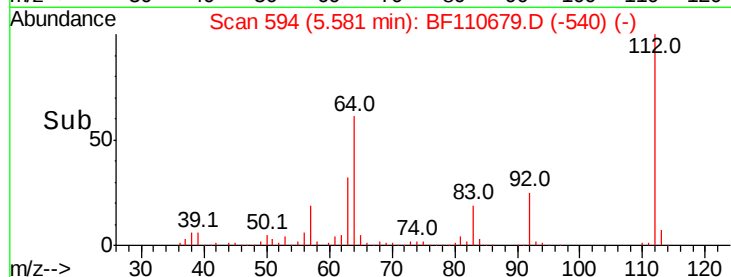
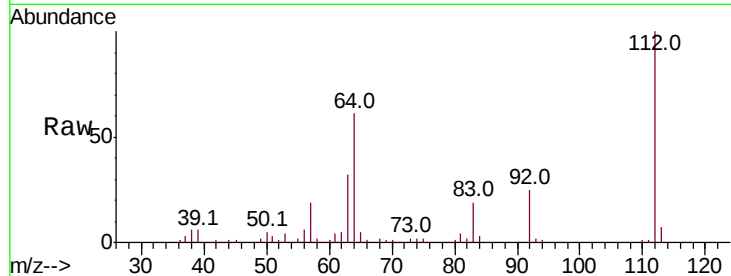
ClientSampleId :

SB-12-DMSD

Tot Ion:	112	Resp:	539490
Ion Ratio	Lower	Upper	
112	100		
64	61.0	44.1	66.1
63	32.3	23.7	35.5

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#6

Aniline

Concen: 7.776 ng

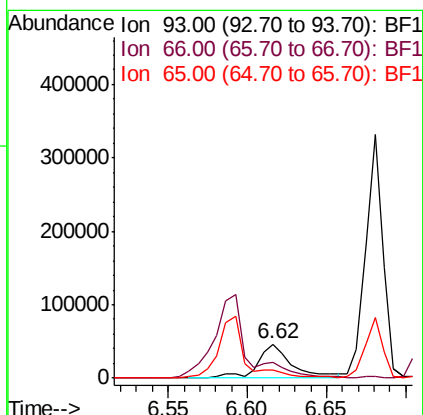
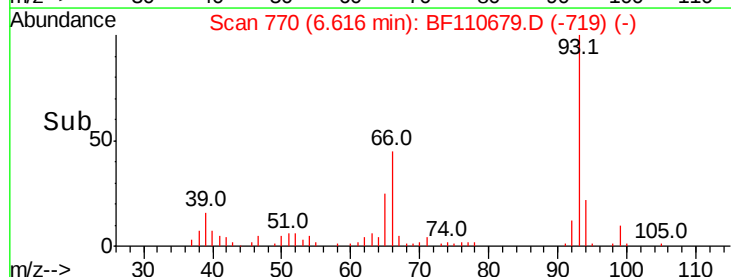
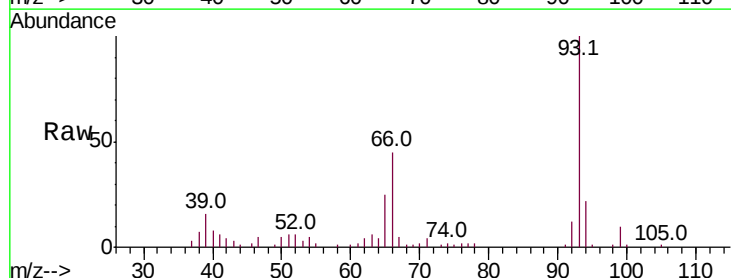
RT: 6.62 min Scan# 770

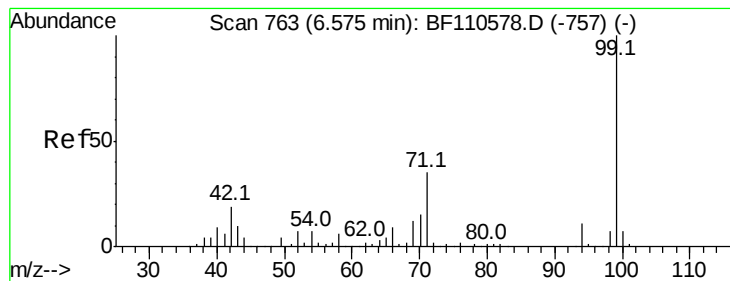
Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Tgt Ion:	93	Resp:	70728
Ion Ratio	Lower	Upper	
93	100		
66	45.0	67.4	101.0#
65	24.8	41.0	61.4#





#7

Phenol-d6

Concen: 92.042 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

BNA_F

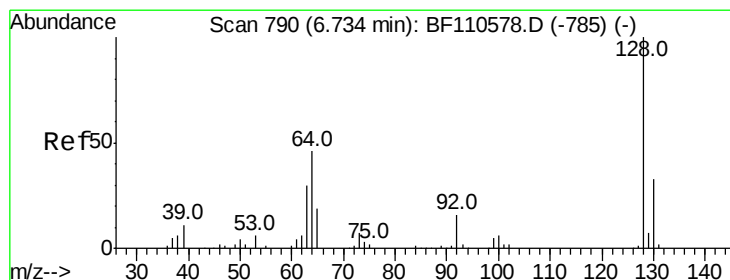
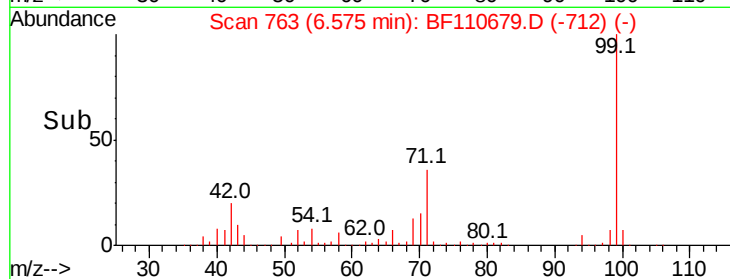
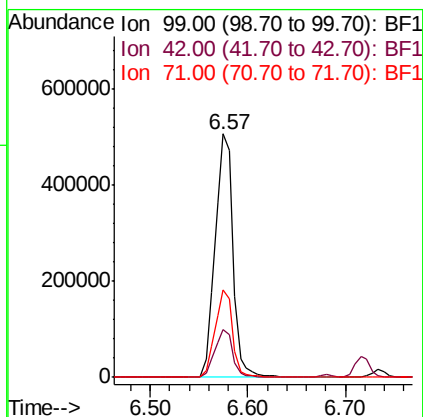
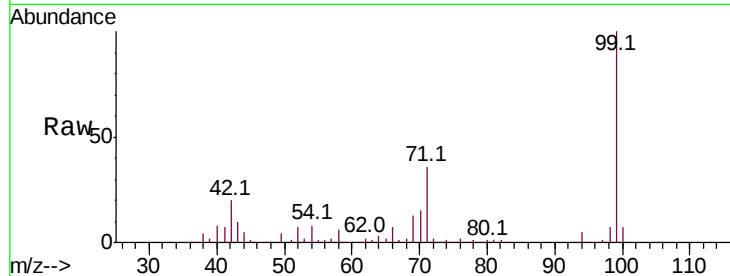
ClientSampleId :

SB-12-DMSD

Tot Ion:	99	Resp:	641997
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.8	23.6
71	35.9	28.0	42.0

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#8

2-Chlorophenol

Concen: 42.706 ng

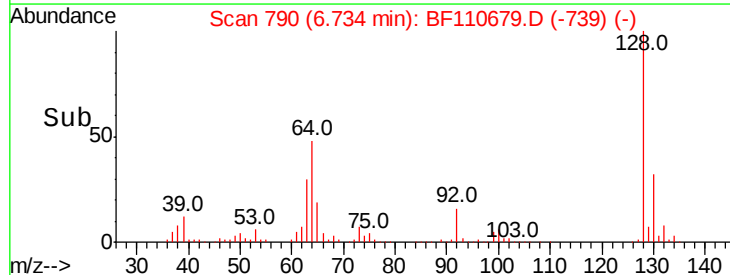
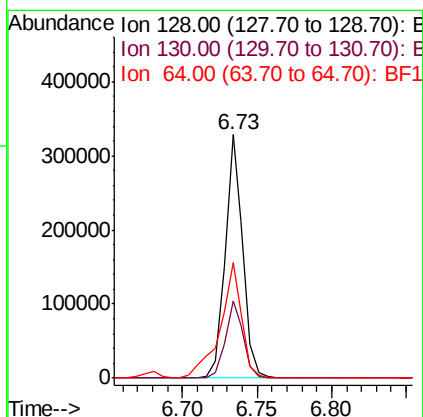
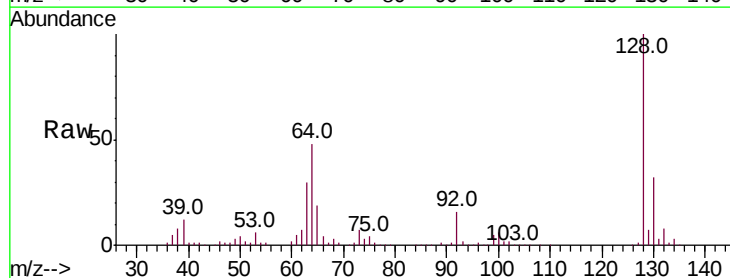
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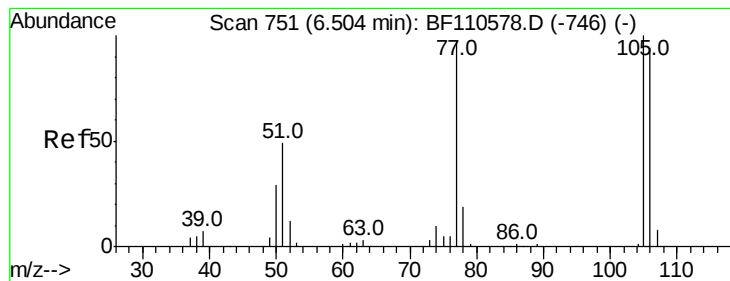
Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Tgt Ion:	128	Resp:	273072
Ion Ratio	Lower	Upper	
128	100		
130	31.8	13.1	53.1
64	47.7	26.0	66.0





#9

Benzaldehyde

Concen: 49.121 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

BNA_F

ClientSampleID :

SB-12-DMSD

Tot Ion: 77 Resp: 173318

Ion Ratio Lower Upper

77 100

105 102.0 78.6 118.6

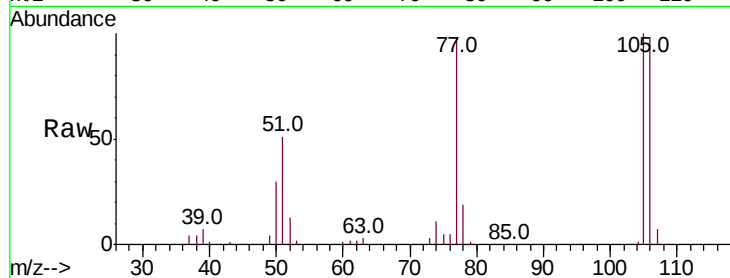
106 100.4 74.8 114.8

Manual Integrations

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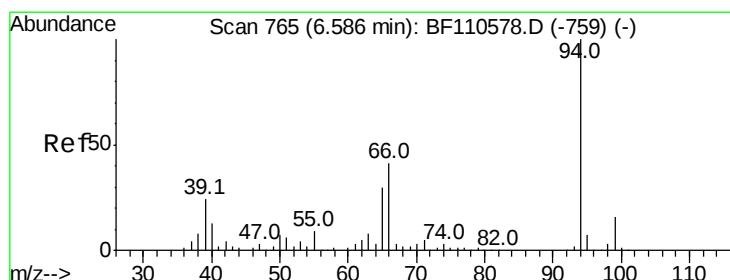
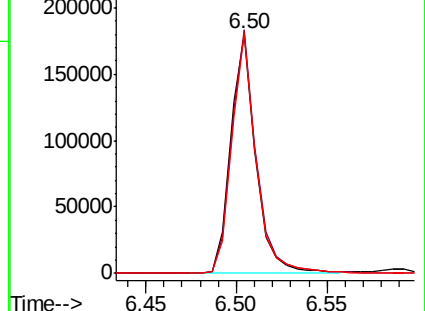
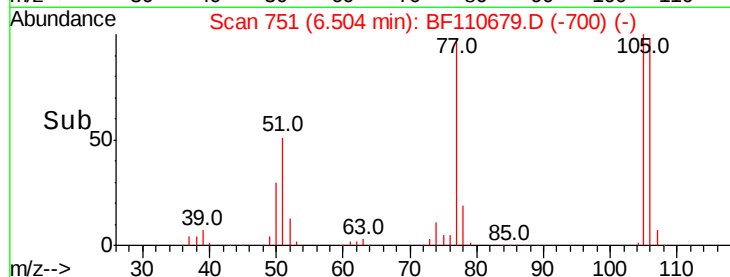
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.835 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

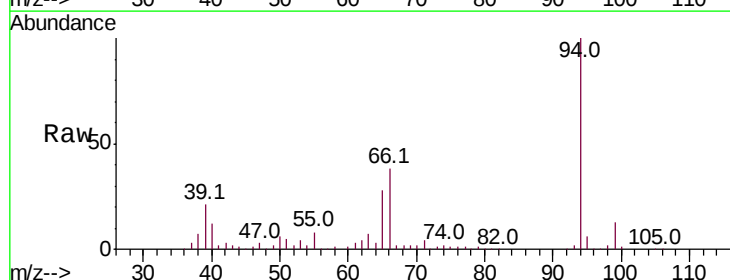
Tgt Ion: 94 Resp: 281737

Ion Ratio Lower Upper

94 100

65 28.0 25.3 65.3

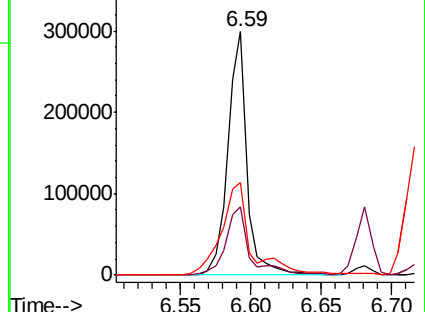
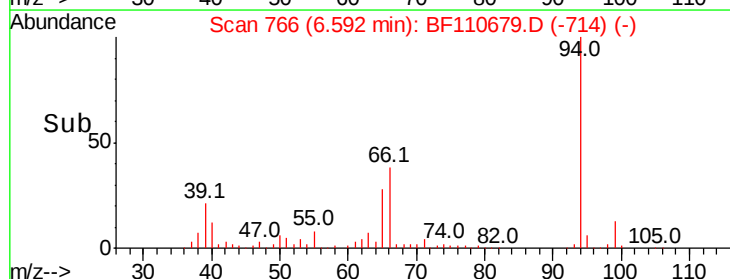
66 38.0 54.5 94.5#

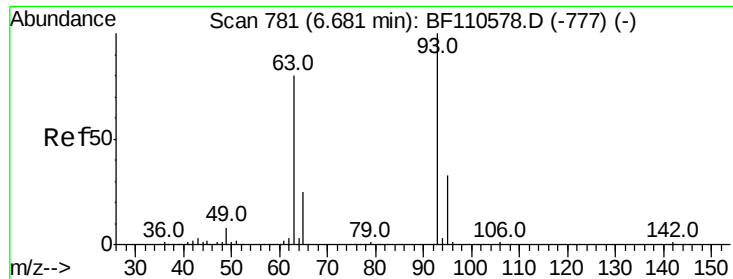


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





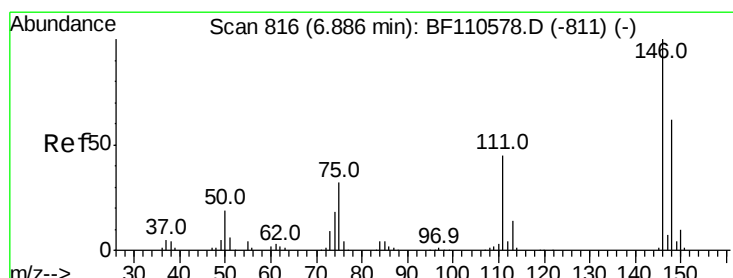
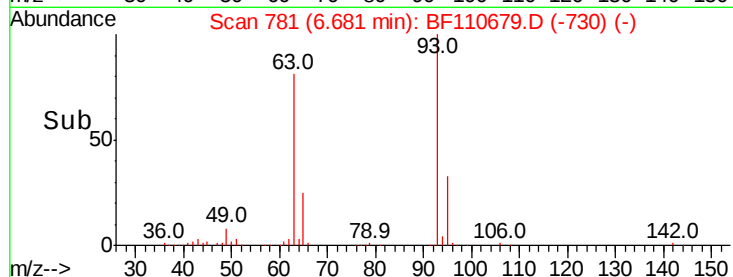
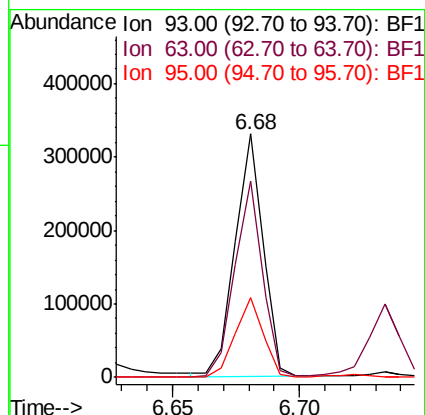
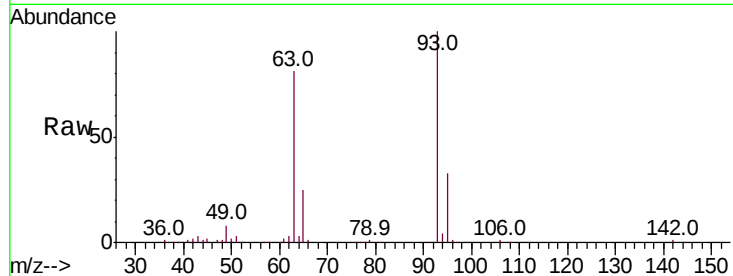
#11
bis(2-Chloroethyl)ether
Concen: 42.022 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	93	Resp	254704
Ion Ratio	100	Lower	Upper
93	100		
63	80.8	53.4	93.4
95	32.6	12.1	52.1

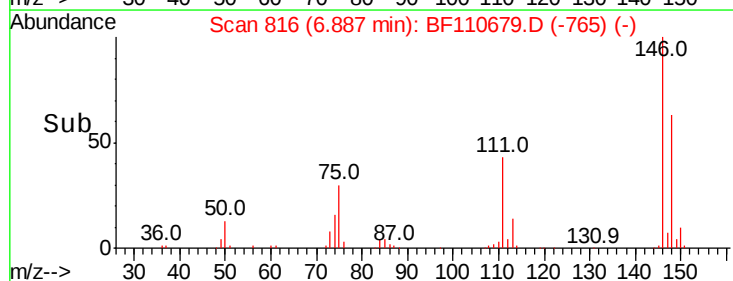
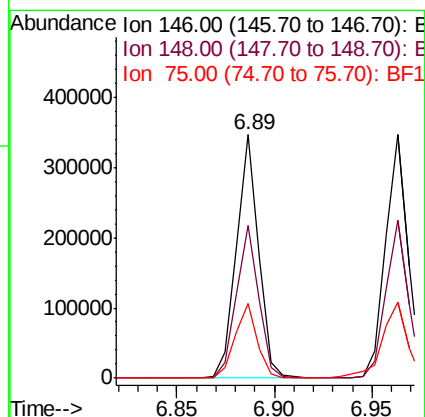
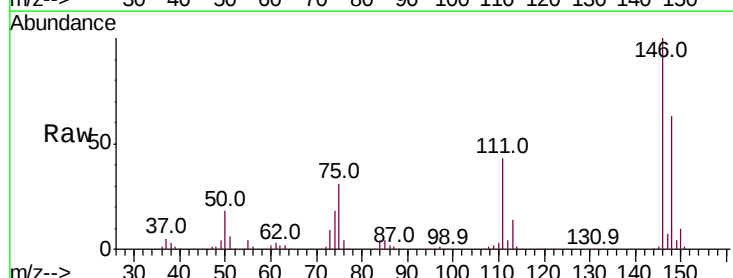
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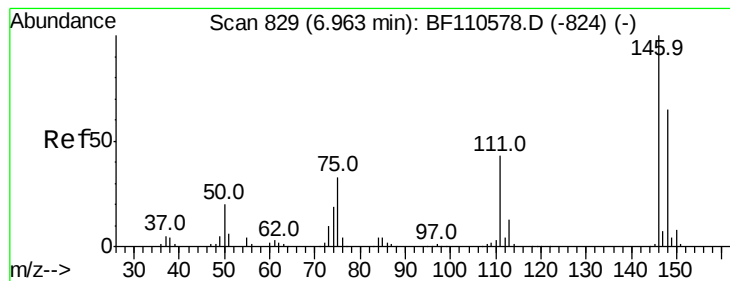
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.965 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	146	Resp	272615
Ion Ratio	100	Lower	Upper
146	100		
148	63.0	50.4	75.6
75	30.6	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 39.168 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

BNA_F

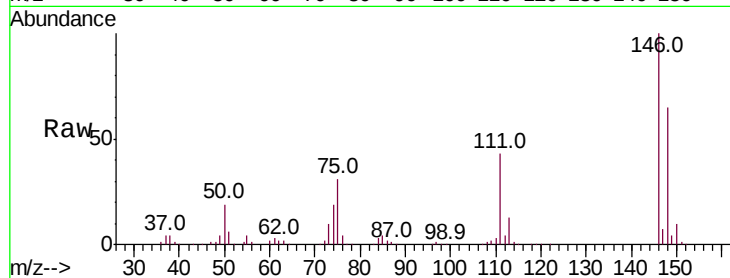
ClientSampleId :

SB-12-DMSD

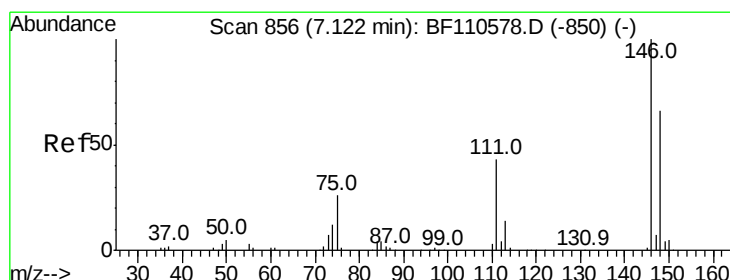
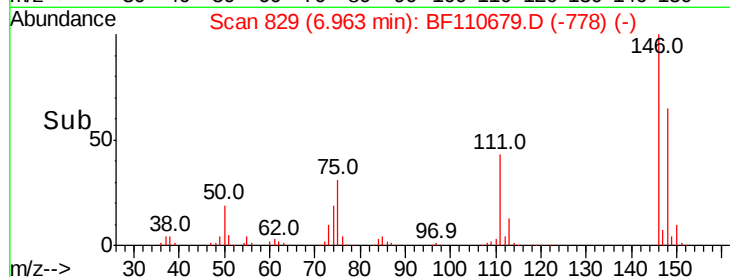
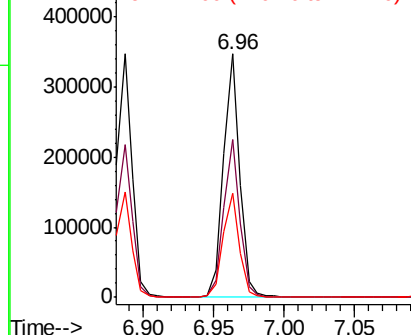
Tot Ion:	146	Resp:	278271
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.3	75.5
111	42.6	32.7	49.1

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.468 ng

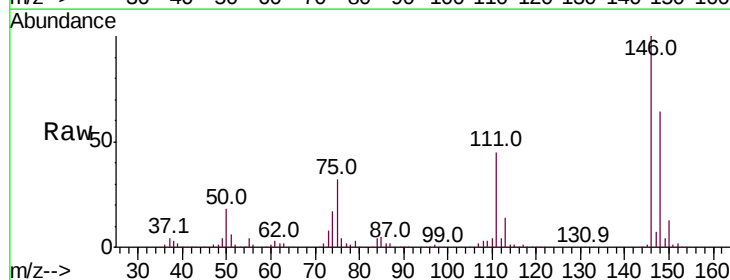
RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

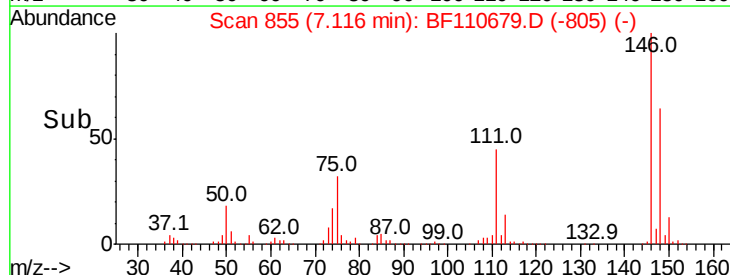
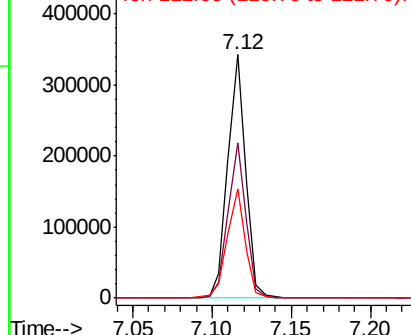
Lab File: BF110679.D

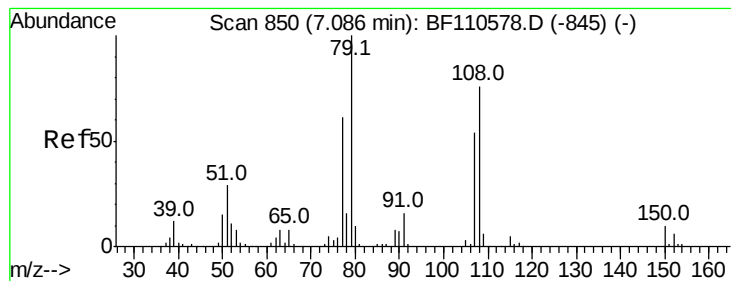
Acq: 12 Nov 2018 17:27

Tgt Ion:	146	Resp:	267459
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.1	76.7
111	44.8	35.8	53.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.058 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

BNA_F

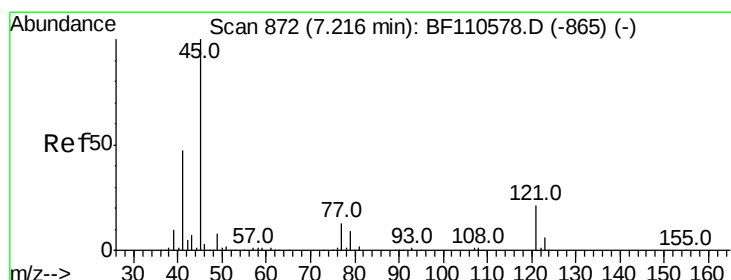
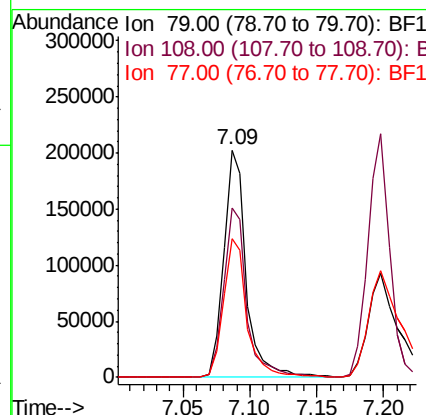
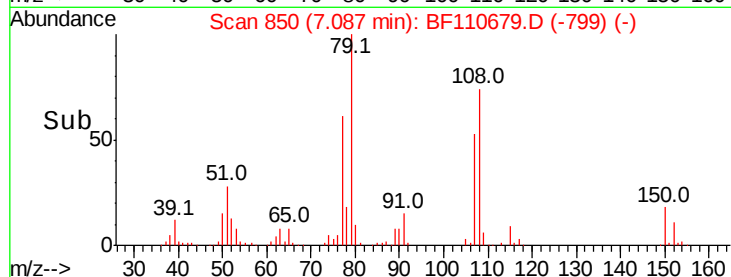
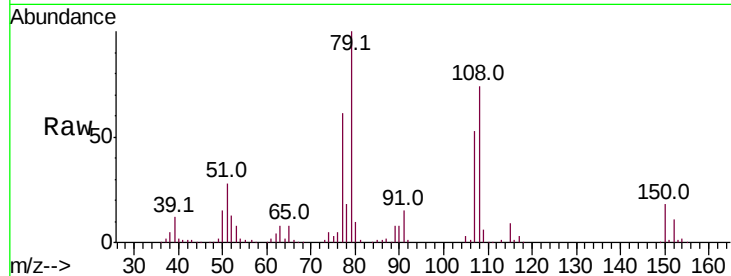
ClientSampled :

SB-12-DMSD

Tot Ion:	79	Resp:	240485
Ion Ratio	Lower	Upper	
79	100		
108	74.3	56.3	84.5
77	60.8	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.907 ng

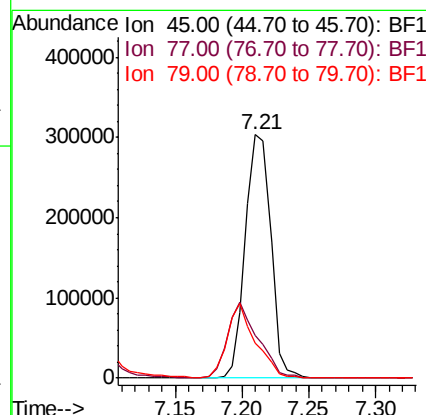
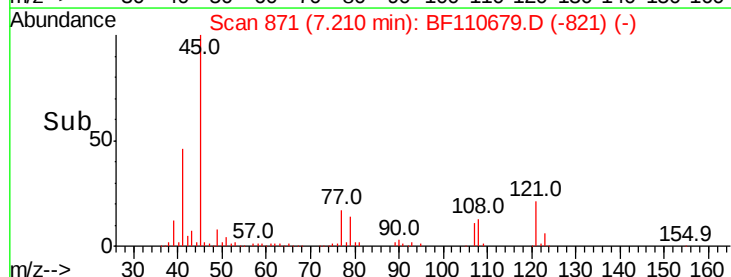
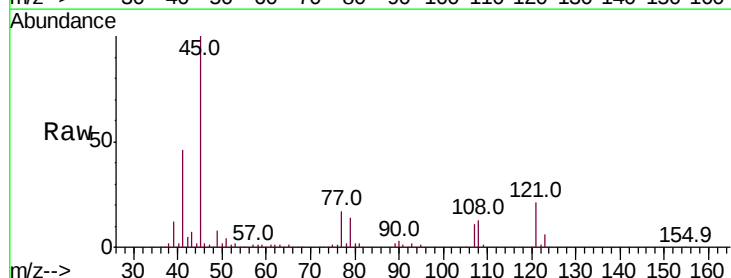
RT: 7.21 min Scan# 871

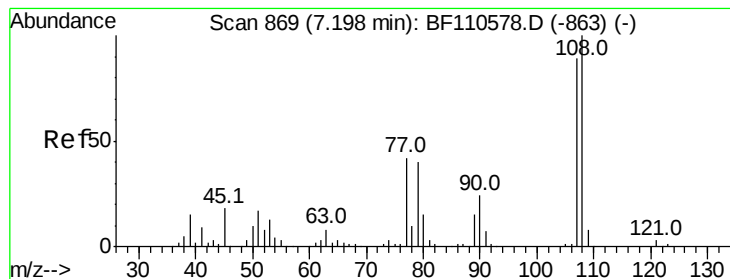
Delta R.T. -0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Tgt Ion:	45	Resp:	398904
Ion Ratio	Lower	Upper	
45	100		
77	17.4	10.0	50.0
79	14.5	6.1	46.1





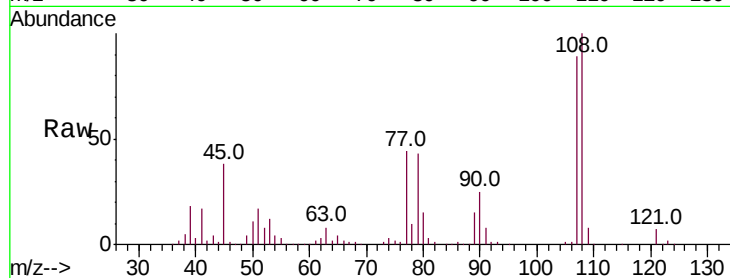
#17
2-Methylphenol
Concen: 43.052 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	92.6	138.8	
77	49.4	59.4	89.2#	
79	48.1	54.0	81.0#	

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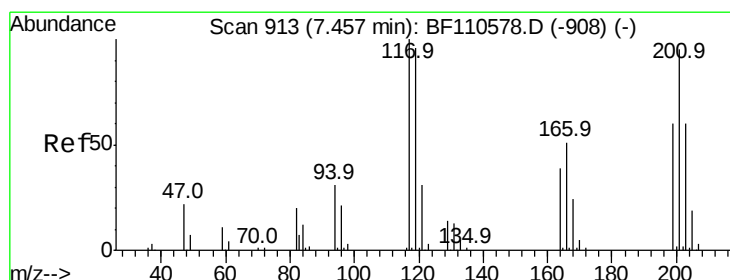
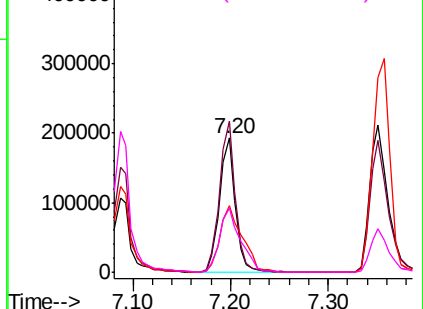
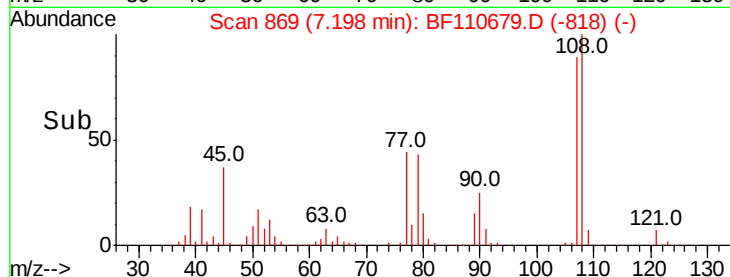
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

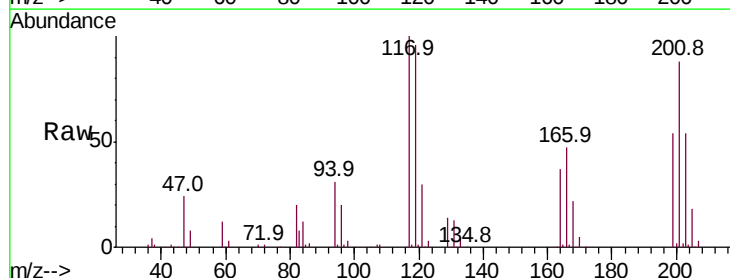
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.559 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	75.0	112.6	
201	87.8	79.2	118.8	

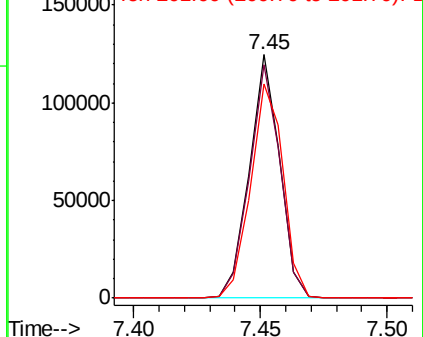
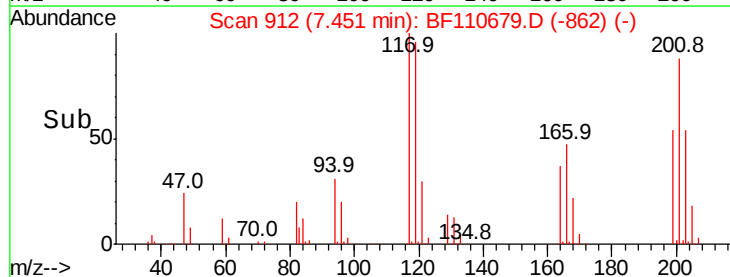


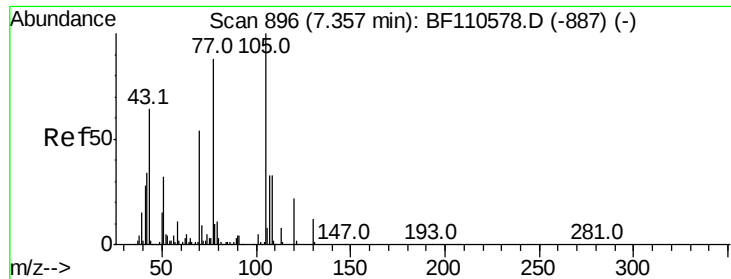
Abundance

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





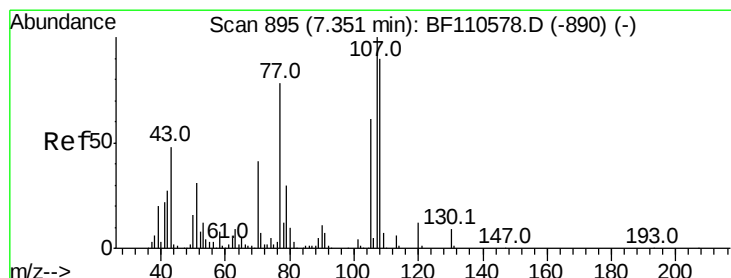
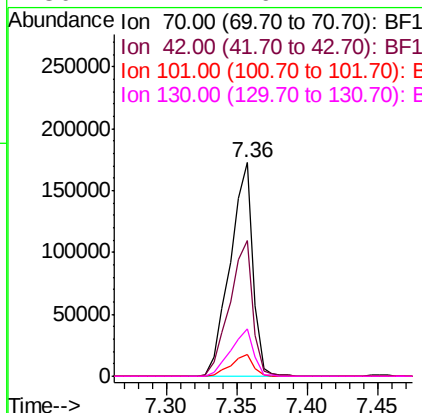
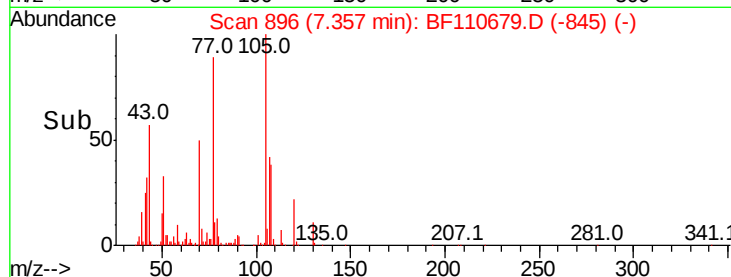
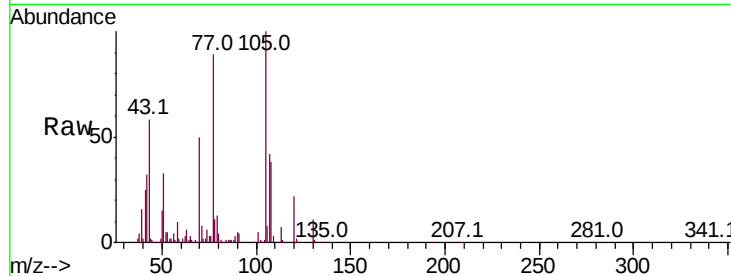
#19
n-Nitroso-di-n-propylamine
Concen: 43.539 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.6	47.4	71.2
101	10.0	7.3	10.9
130	22.4	16.2	24.2

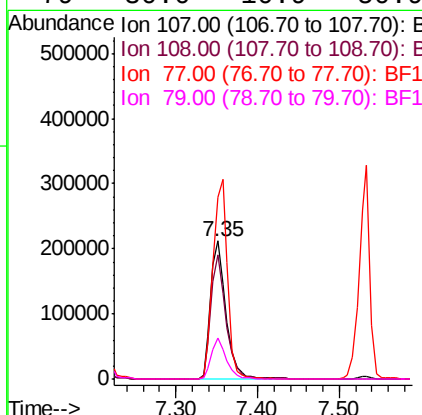
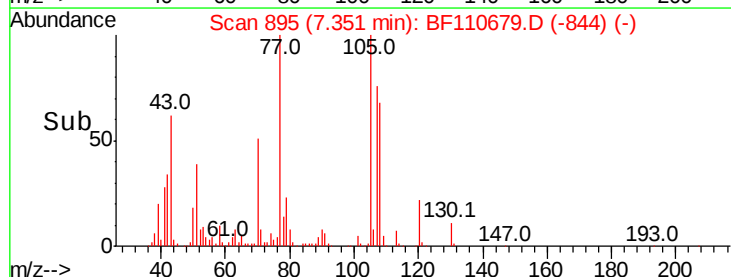
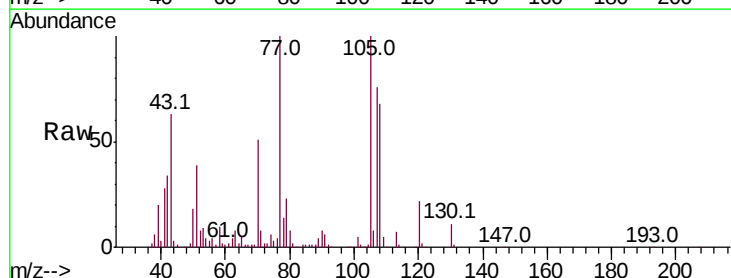
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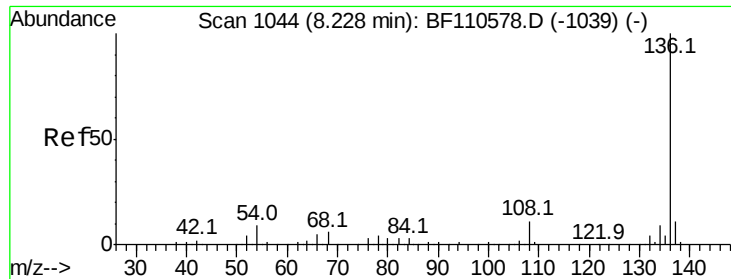
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#20
3+4-Methylphenols
Concen: 42.461 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.4	111.4
77	131.7	47.3	87.3
79	30.0	10.9	50.9





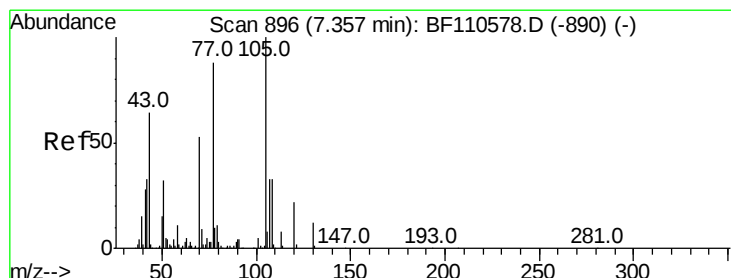
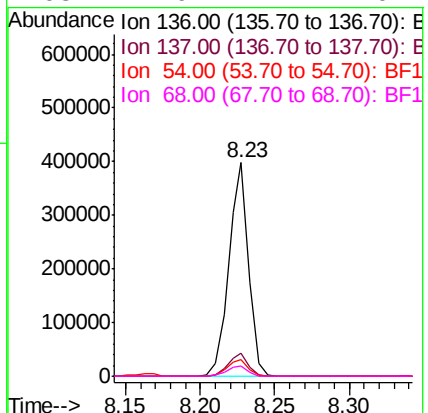
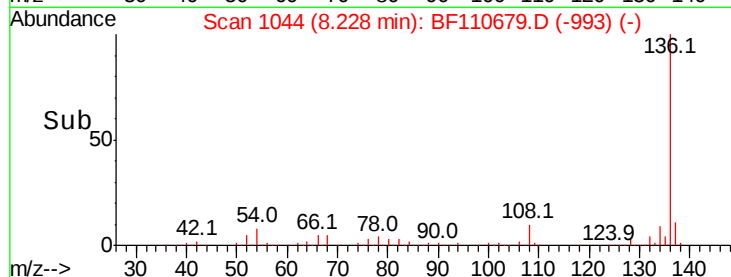
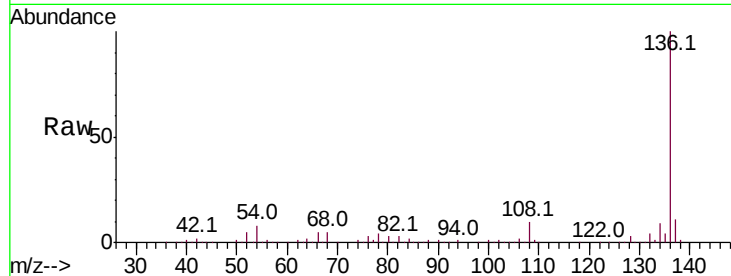
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.8	13.2	
54	7.6	5.4	8.2	
68	4.9	4.2	6.2	

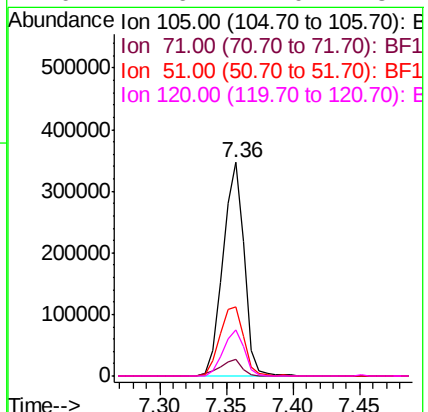
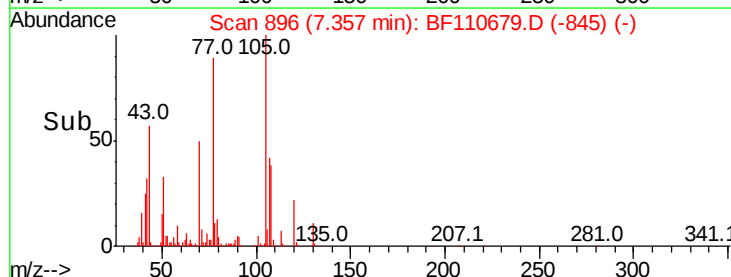
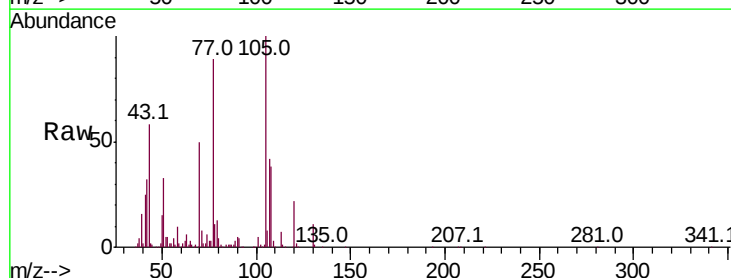
Manual Integrations
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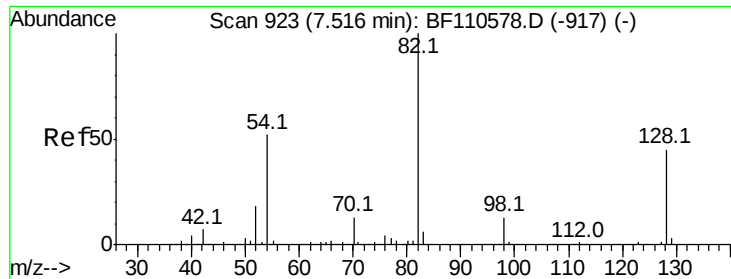
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#22
Acetophenone
Concen: 45.092 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.9	5.2	7.8#	
51	32.6	21.8	32.8	
120	21.6	17.0	25.4	





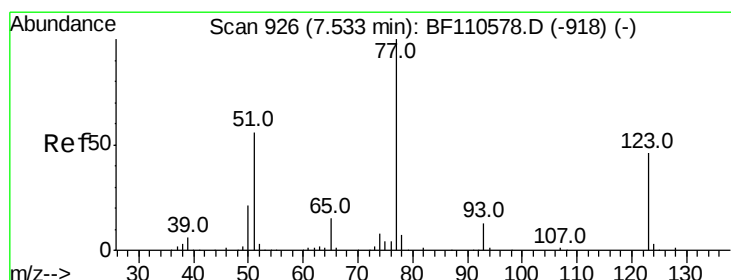
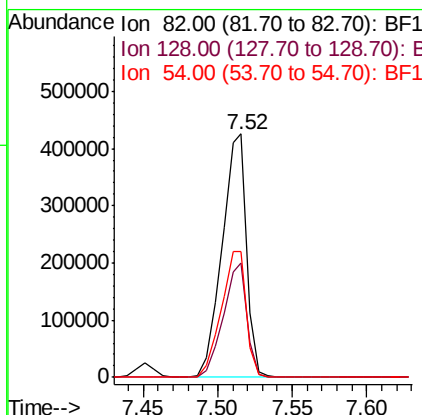
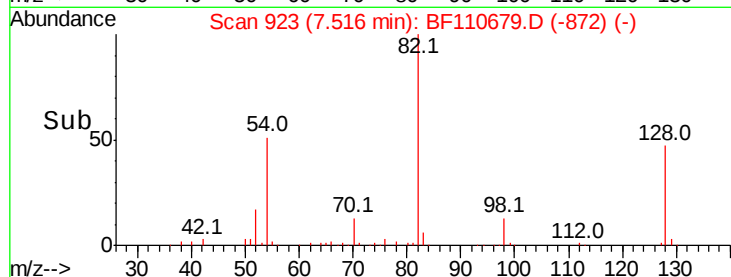
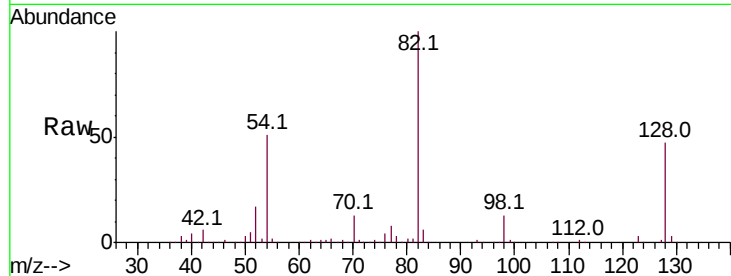
#23
Nitrobenzene-d5
Concen: 76.505 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.2	34.2	51.2
54	51.5	38.6	58.0

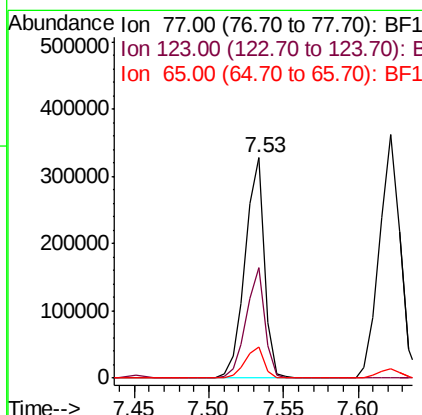
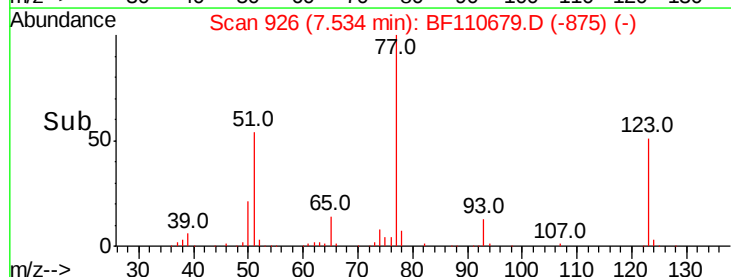
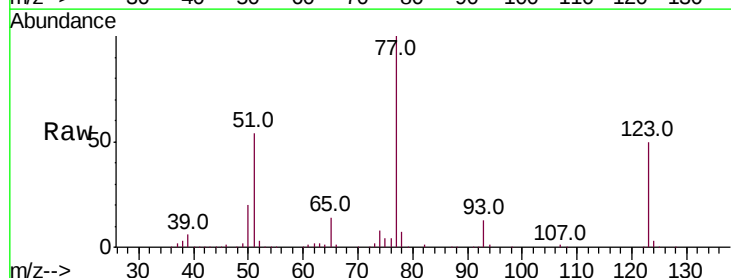
Manual Integrations
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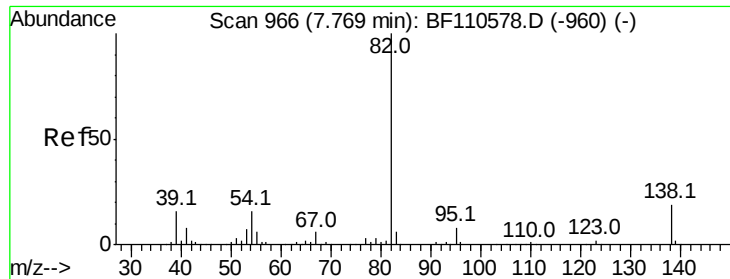
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#24
Nitrobenzene
Concen: 44.931 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	35.7	53.5
65	14.2	10.7	16.1





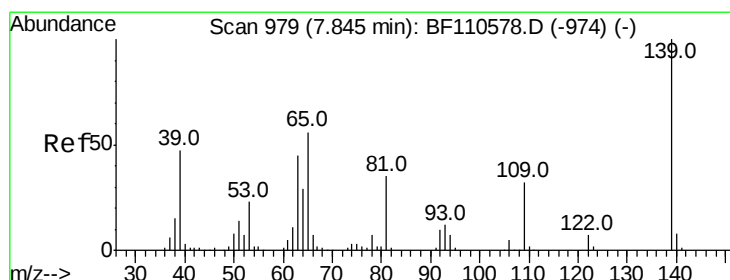
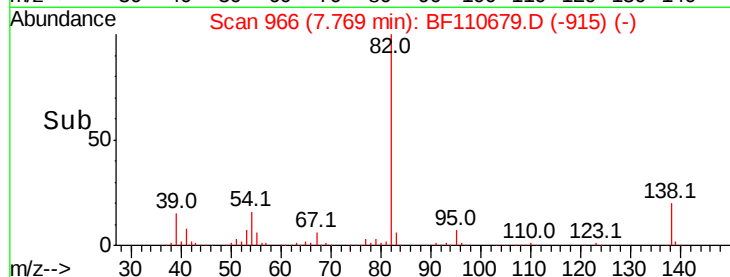
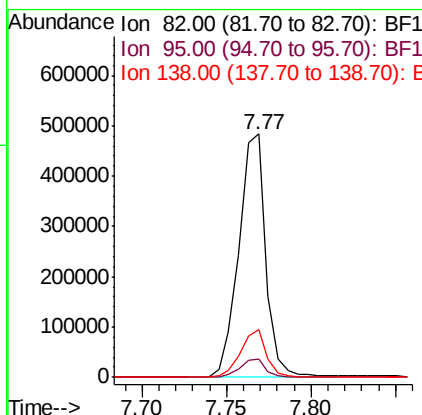
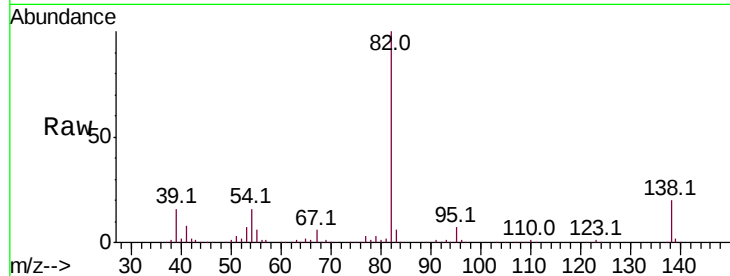
#25
Isophorone
Concen: 51.132 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.7	8.5
138	19.5	13.2	19.8

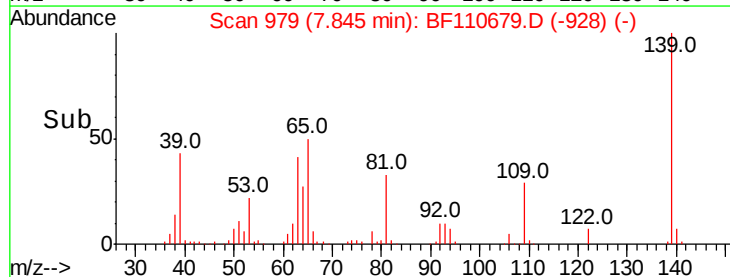
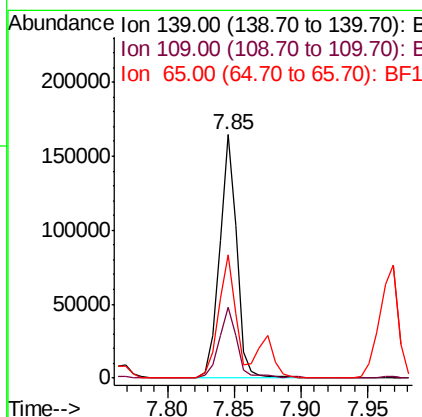
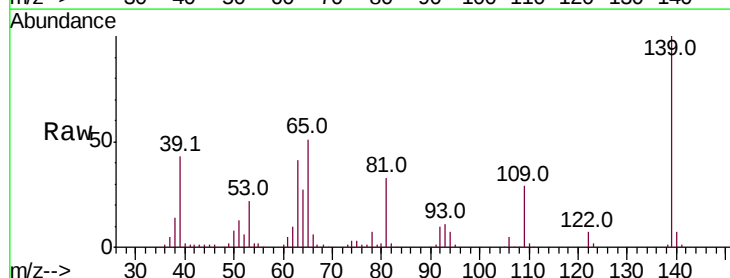
Manual Integrations
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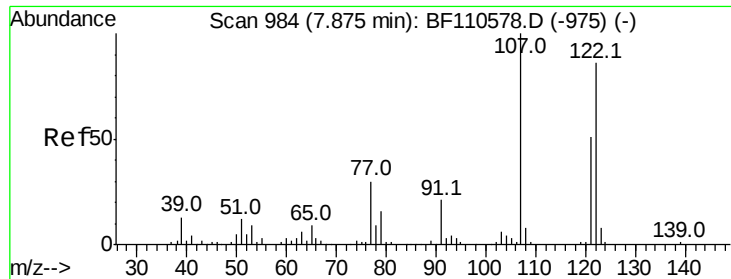
Sohil
11/13/2018 11:16:28 AM



#26
2-Nitrophenol
Concen: 45.365 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.3	25.0	37.6
65	50.7	44.0	66.0





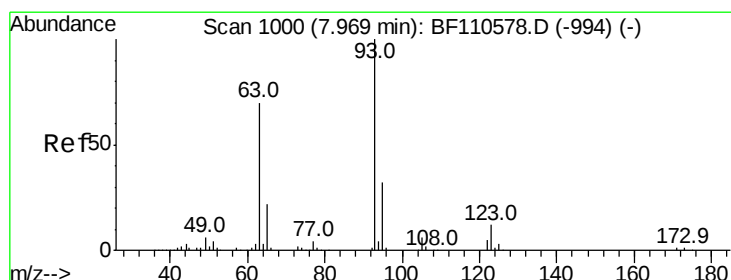
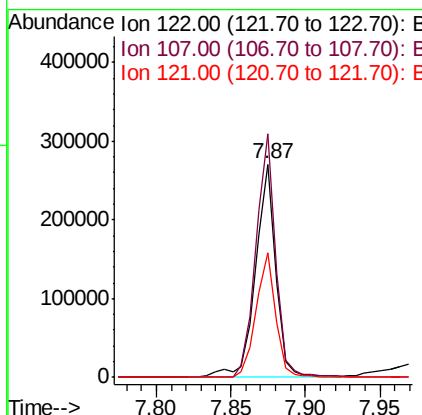
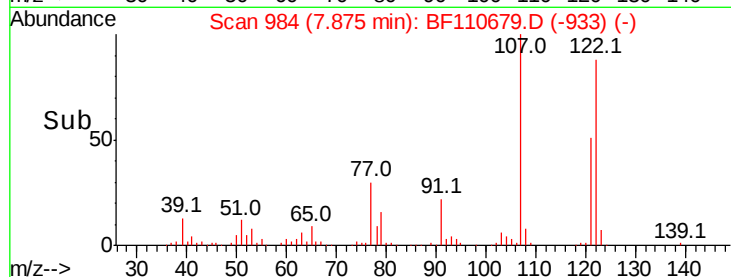
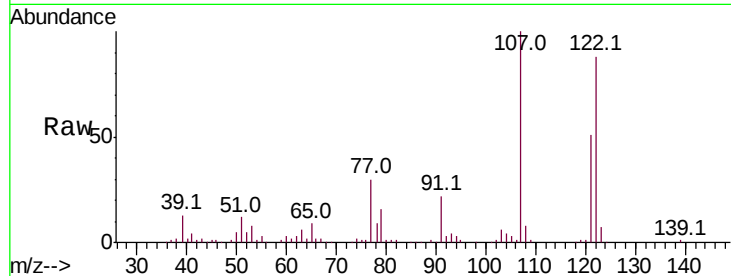
#27
 2,4-Dimethylphenol
 Concen: 50.456 ng
 RT: 7.87 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-DMSD

Tot Ion:	122	Resp:	252920
Ion Ratio	Lower	Upper	
122	100		
107	114.0	92.5	138.7
121	58.2	45.8	68.8

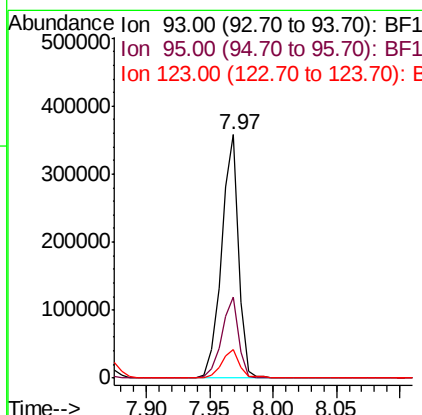
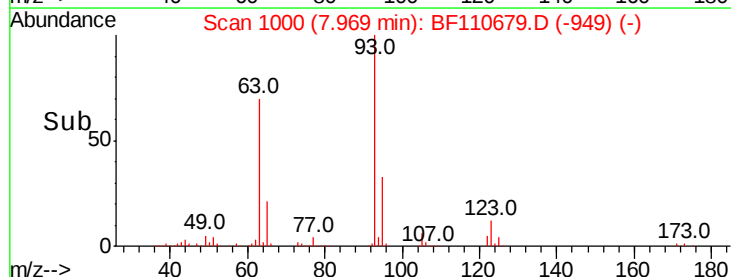
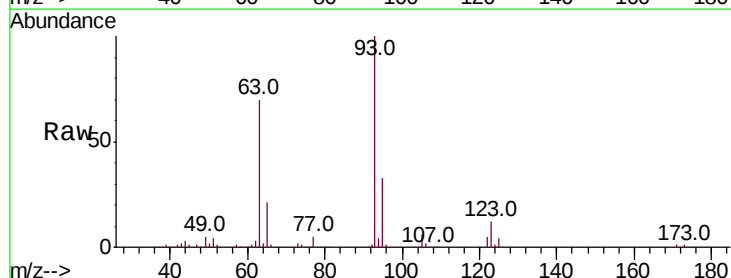
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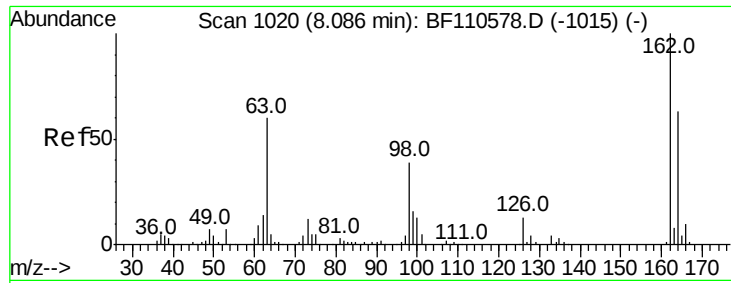
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 11/13/2018 11:16:28 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.896 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion:	93	Resp:	335126
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.4	39.6
123	11.9	9.0	13.6





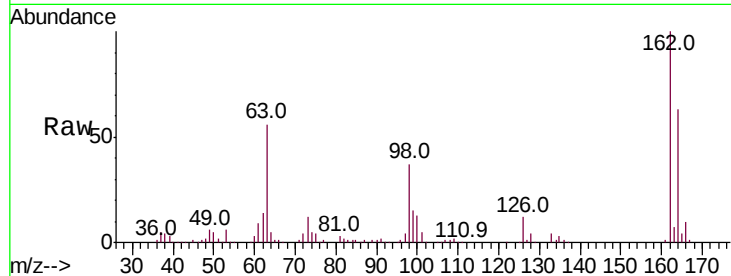
#29
2,4-Dichlorophenol
Concen: 46.613 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	240426		
164	63.4	44.6	84.6	
98	36.7	17.4	57.4	

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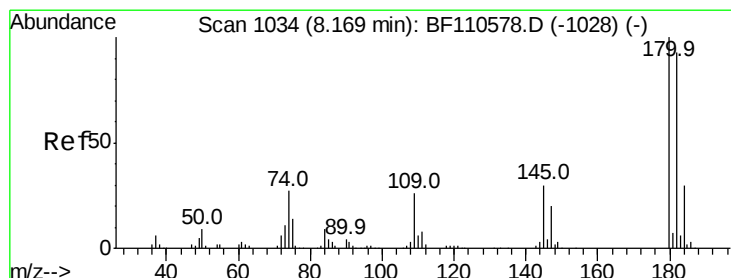
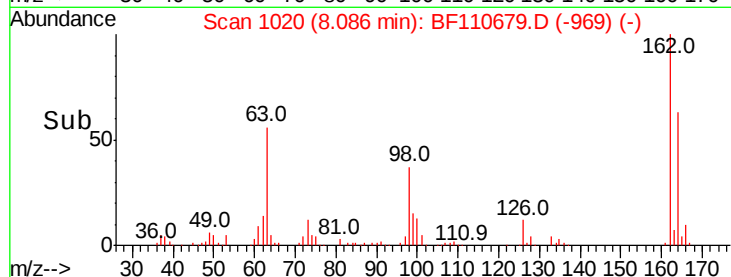
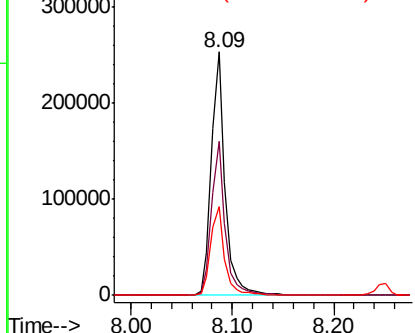


Abundance

Ion 162.00 (161.70 to 162.70): E

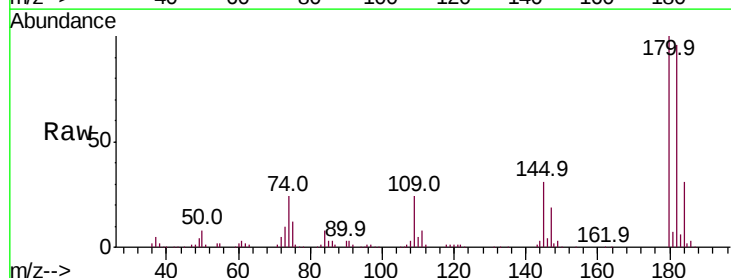
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.786 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	248818		
182	95.7	80.3	120.5	
145	30.5	25.4	38.0	

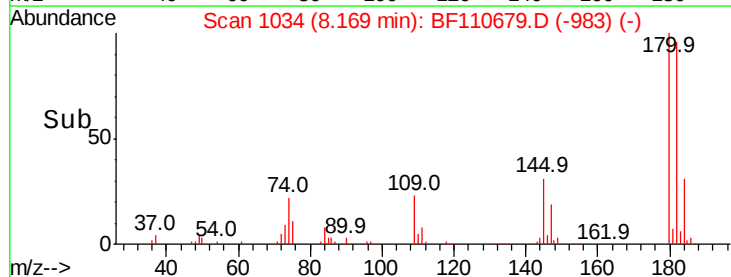
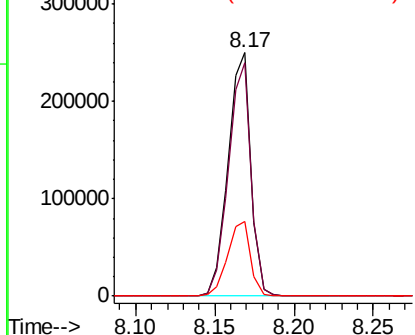


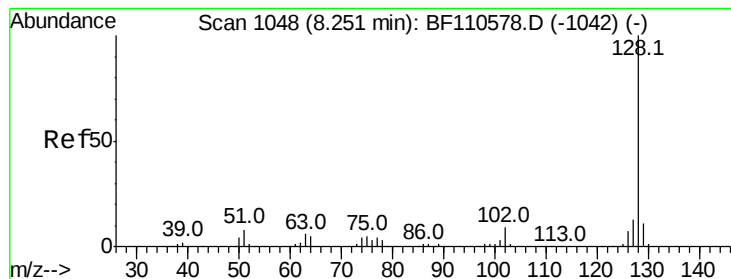
Abundance

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: 46.745 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

BNA_F

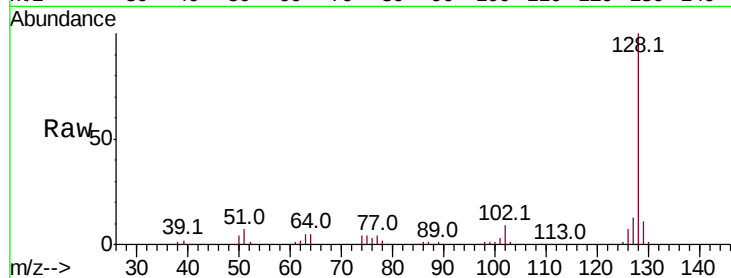
ClientSampleId :

SB-12-DMSD

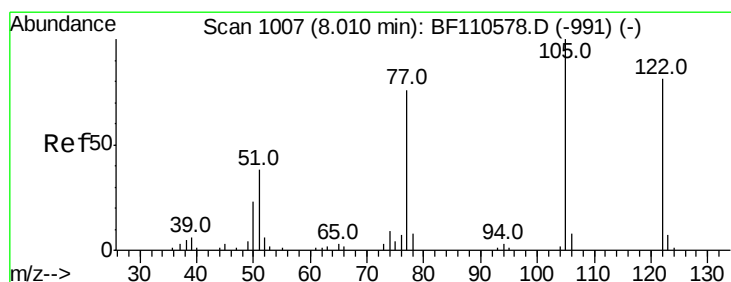
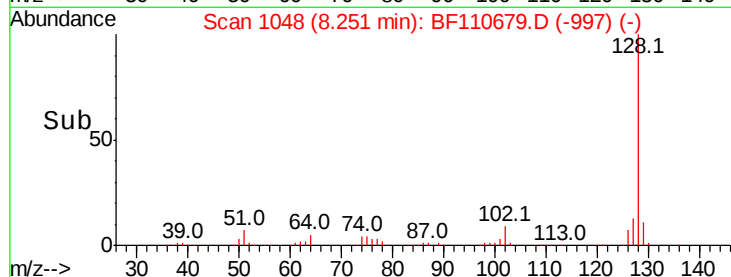
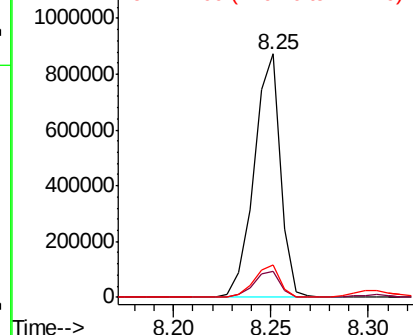
Tot Ion:128	Resp:	813810
Ion Ratio	Lower	Upper
128 100		
129 10.9	8.8	13.2
127 13.2	10.8	16.2

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



#32

Benzoic acid

Concen: 19.543 ng m

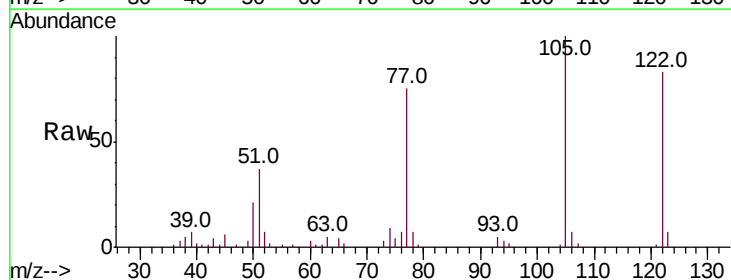
RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

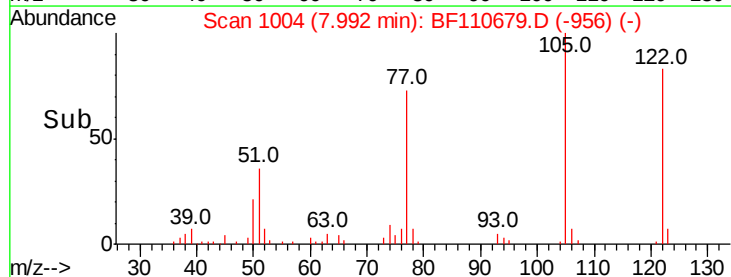
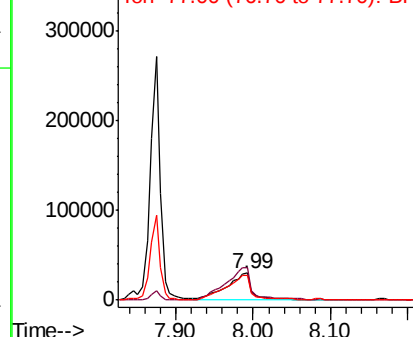
Lab File: BF110679.D

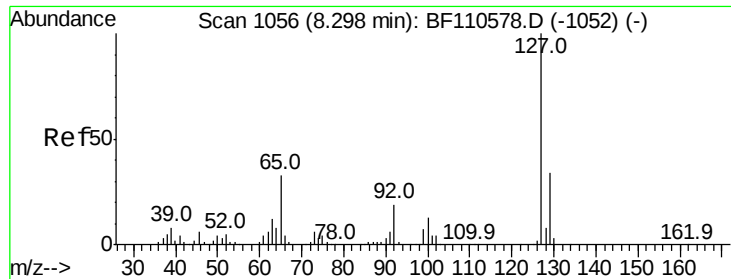
Acq: 12 Nov 2018 17:27

Tgt Ion:122	Resp:	69312
Ion Ratio	Lower	Upper
122 100		
105 120.2	109.0	149.0
77 89.9	79.0	119.0



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





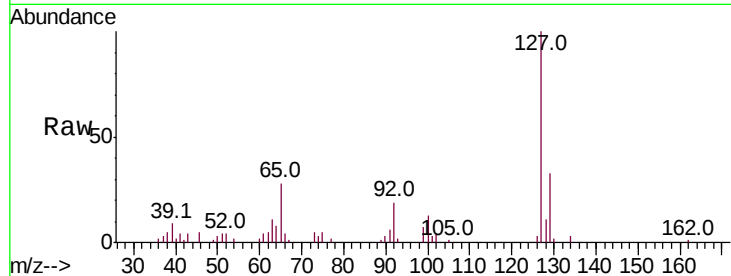
#33
4-Chloroaniline
Concen: 5.536 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.0	39.0
65	27.9	25.1	37.7
92	18.9	15.0	22.6

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Abundance

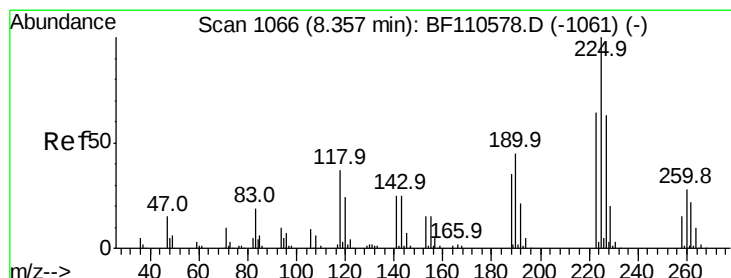
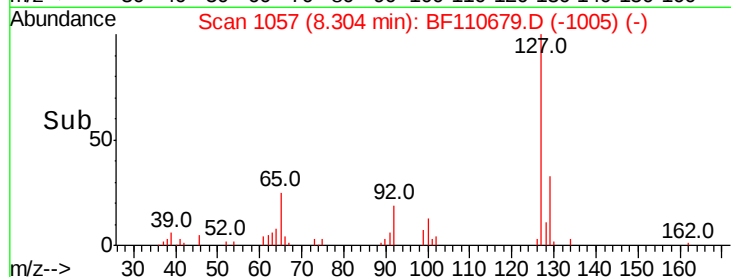
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

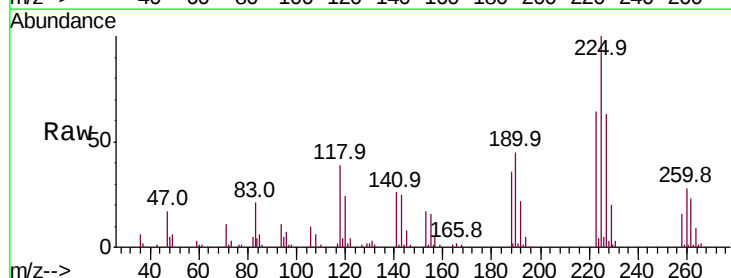
Ion 92.00 (91.70 to 92.70): BF1

Time-->



#34
Hexachlorobutadiene
Concen: 40.225 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.4	77.2
227	63.4	51.0	76.6



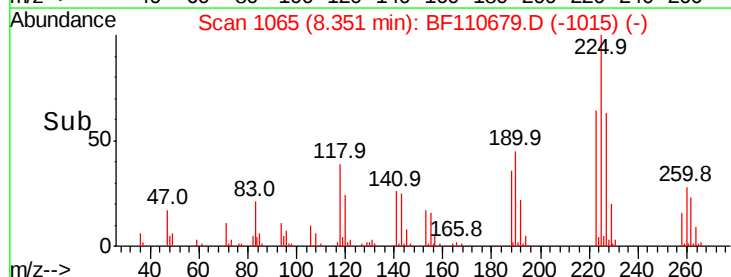
Abundance

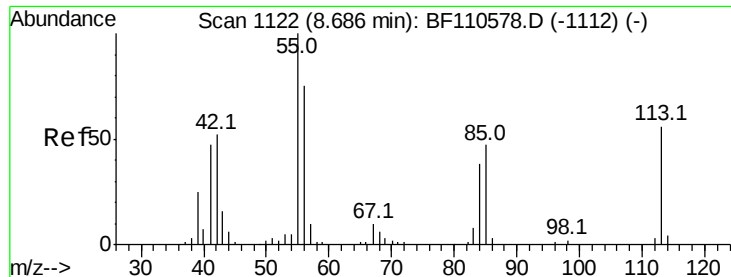
Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

Time-->





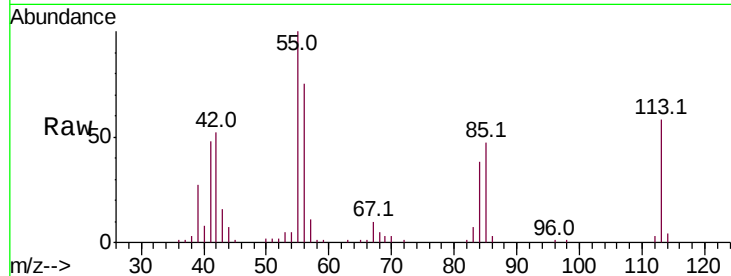
#35
 Caprolactam
 Concen: 31.798 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.9	142.8	182.8
56	128.7	105.0	145.0

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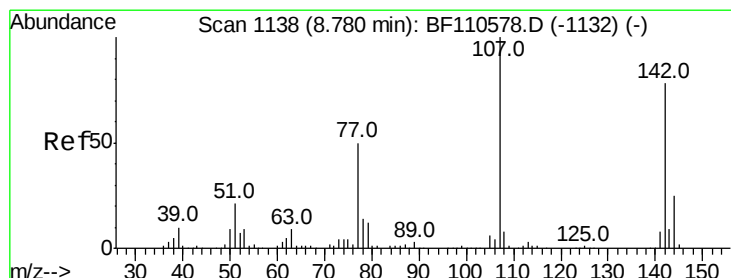
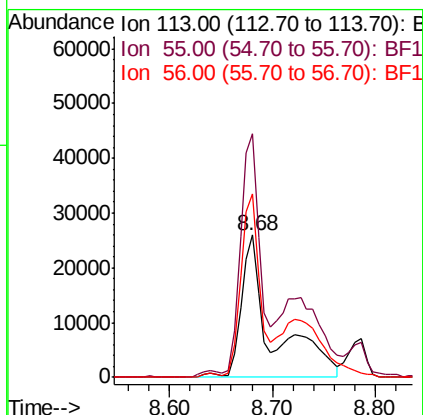
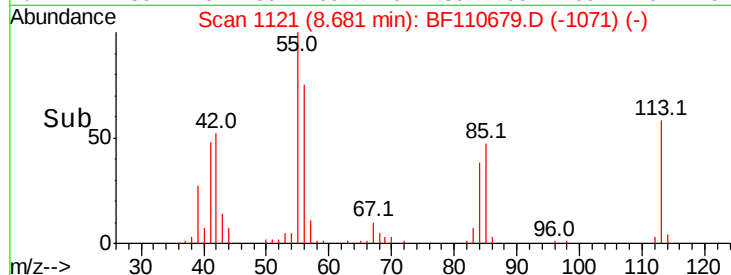


Abundance

Ion 113.00 (112.70 to 113.70): E

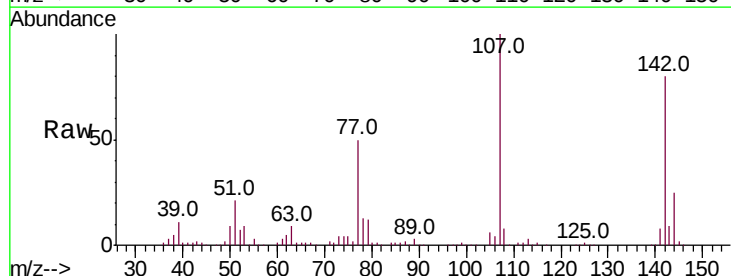
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 46.553 ng/ml
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.0	30.0
142	80.3	59.7	89.5

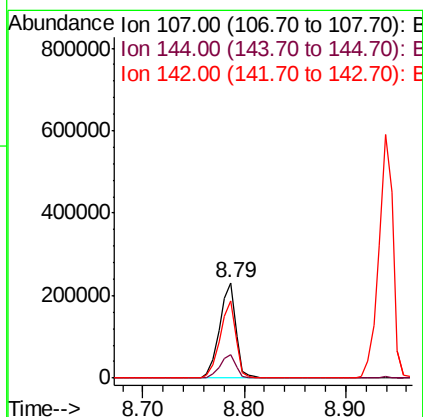
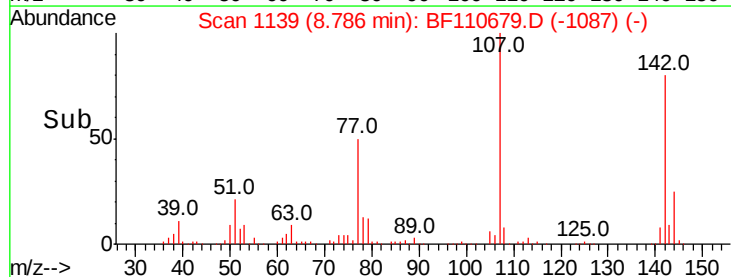


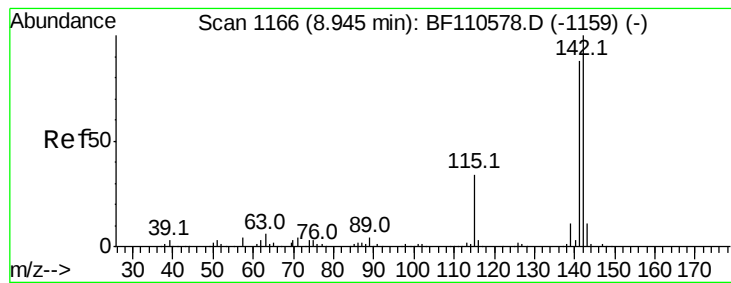
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





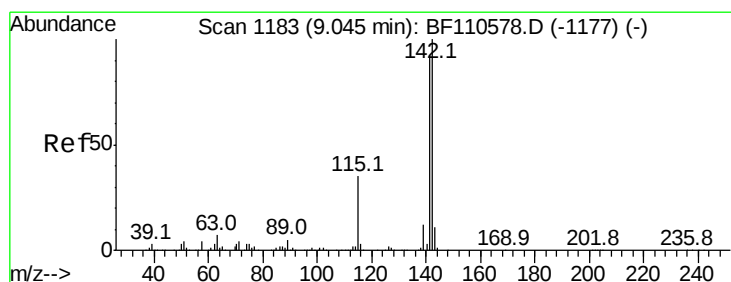
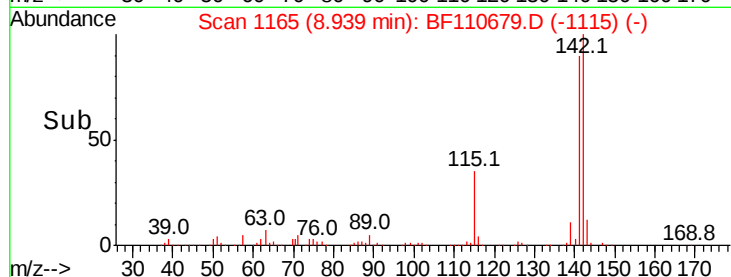
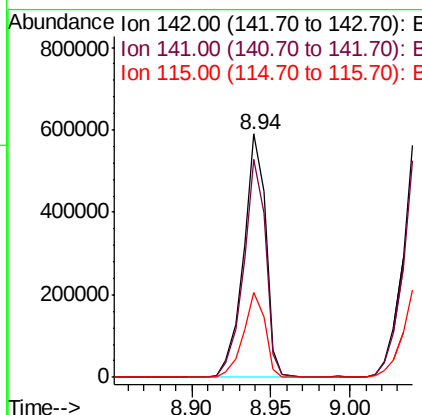
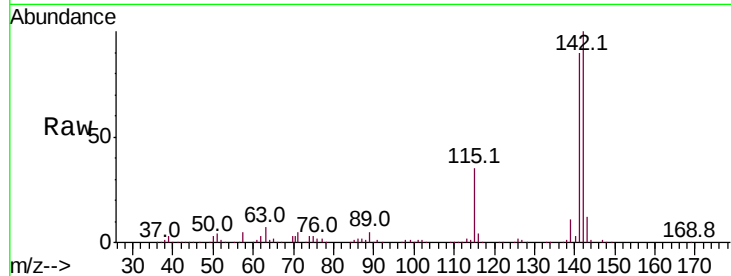
#37
2-Methylnaphthalene
Concen: 50.066 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	34.9	28.7	43.1

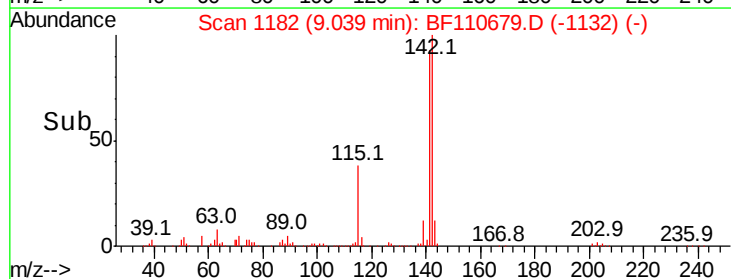
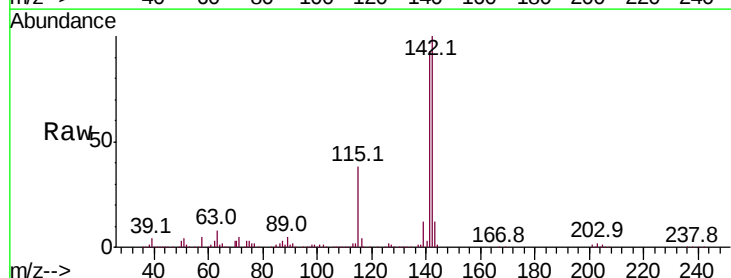
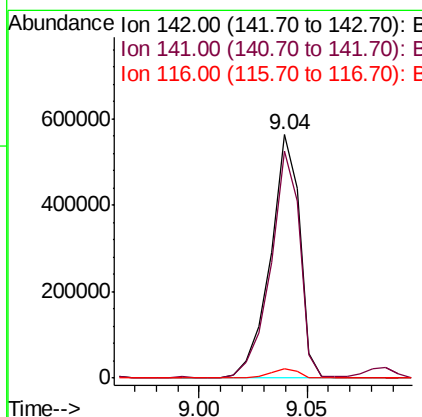
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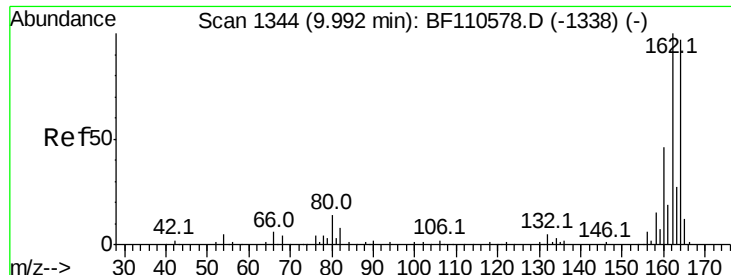
Sohil
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#38
1-Methylnaphthalene
Concen: 49.016 ng m
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.2	111.4
116	4.0	2.6	4.0#





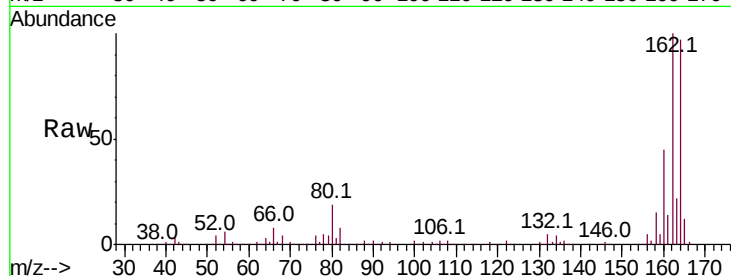
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	180775		
162	103.1	83.0	124.6	
160	46.4	37.0	55.6	

Manual Integrations
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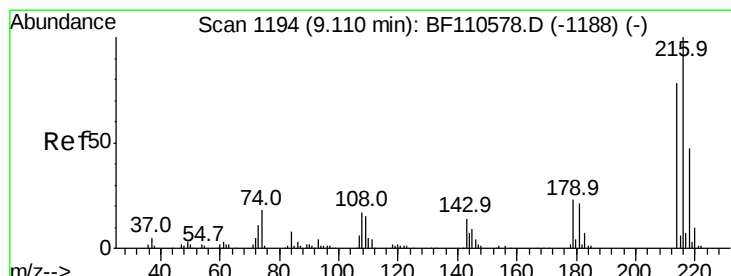
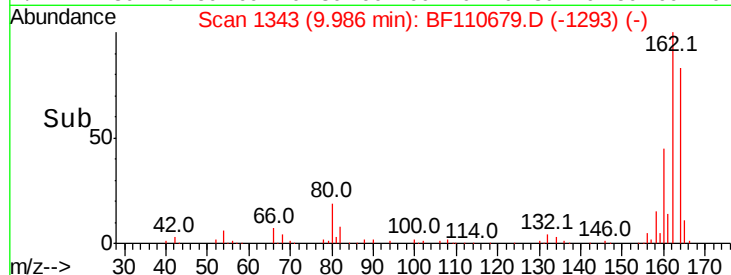
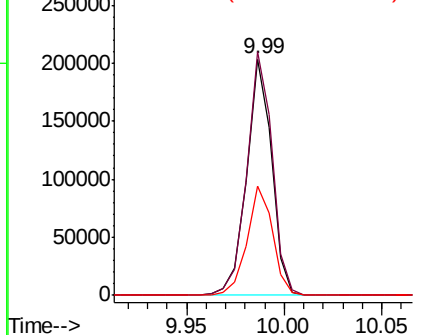


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.853 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	239495		
214	80.2	63.8	95.6	
179	23.3	16.6	25.0	
108	20.5	15.1	22.7	

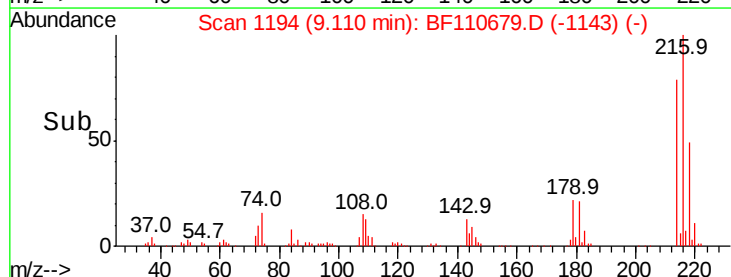
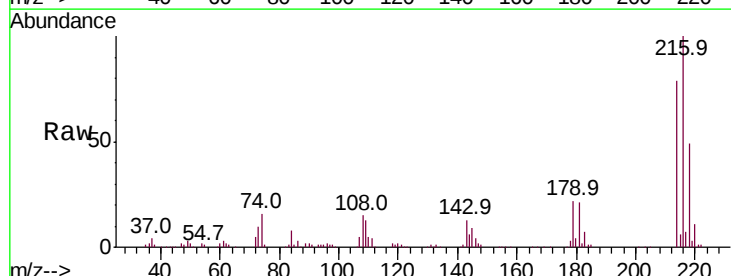
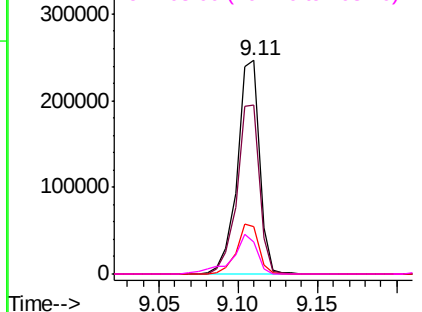
Abundance

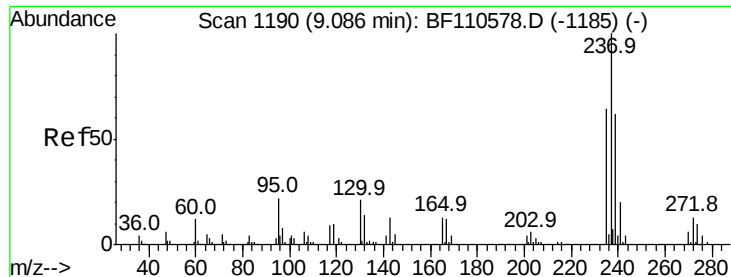
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.577 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

BNA_F

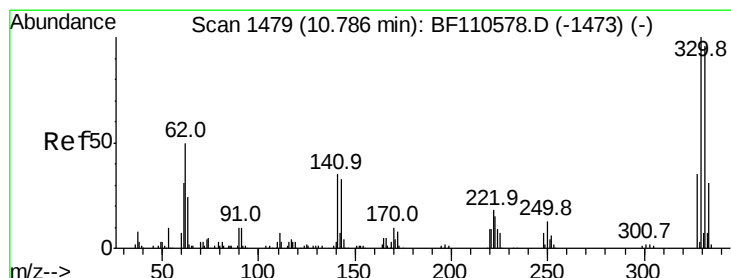
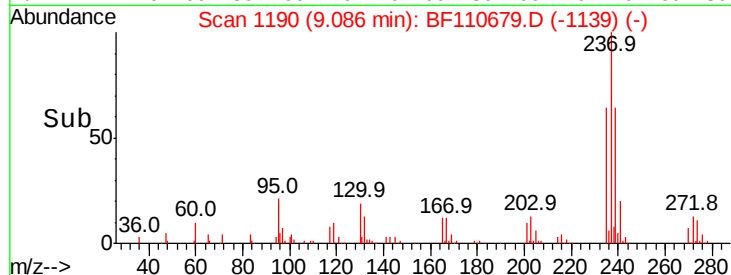
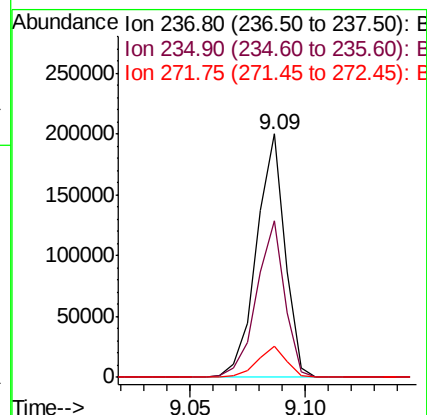
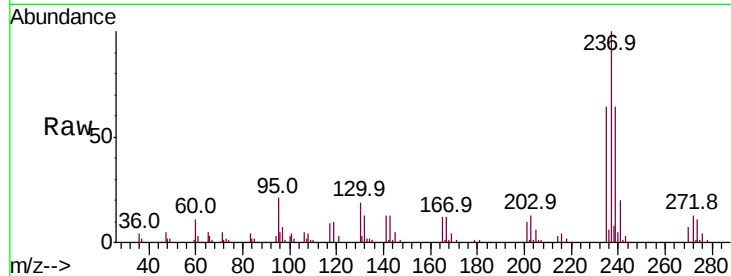
ClientSampleId :

SB-12-DMSD

Tot Ion:	237	Resp:	172477
Ion Ratio	Lower	Upper	
237	100		
235	64.1	43.1	83.1
272	12.9	0.0	32.6

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#42

2,4,6-Tribromophenol

Concen: 108.935 ng

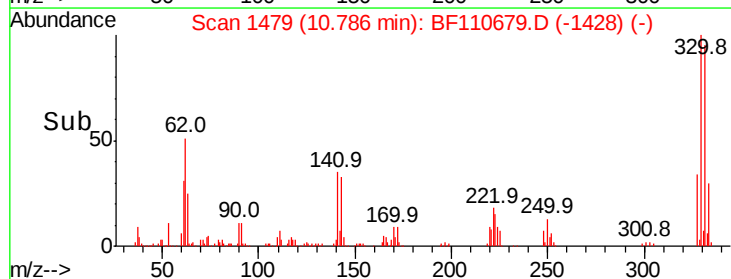
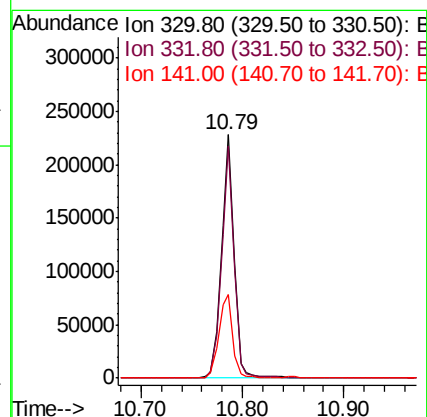
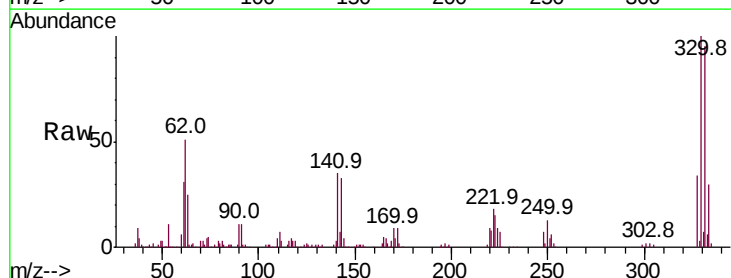
RT: 10.79 min Scan# 1479

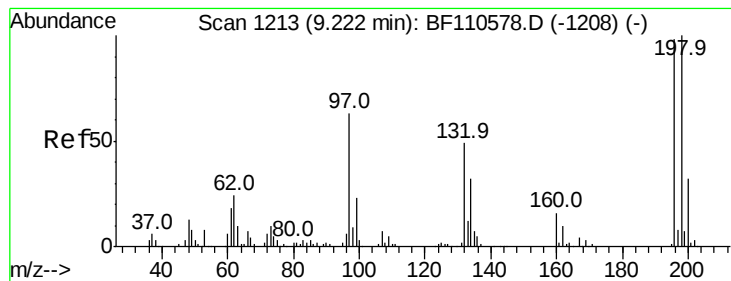
Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Tgt Ion:	330	Resp:	198429
Ion Ratio	Lower	Upper	
330	100		
332	95.0	77.1	115.7
141	37.6	27.0	40.4





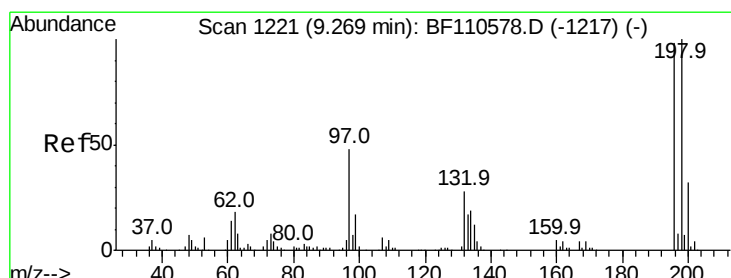
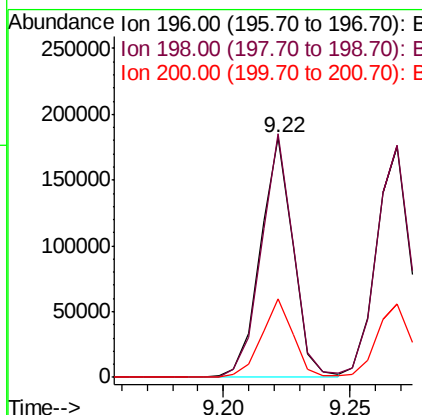
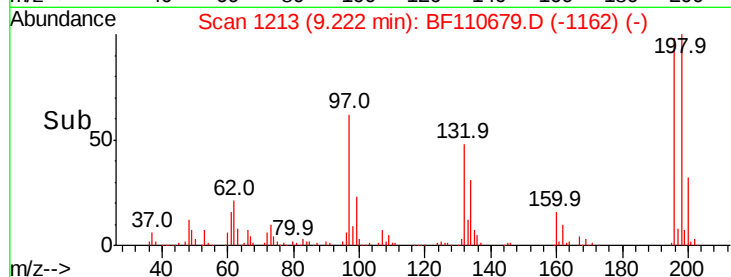
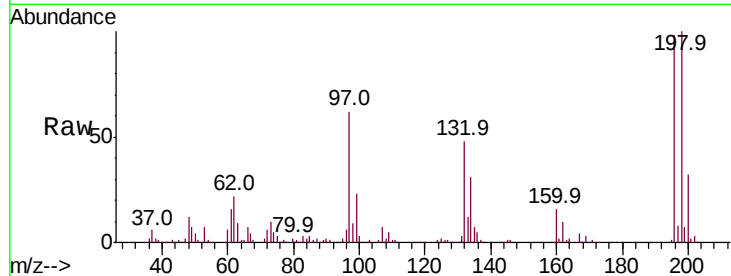
#43
 2,4,6-Trichlorophenol
 Concen: 45.827 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164788		
198	101.6	76.2	114.4	
200	32.5	24.4	36.6	

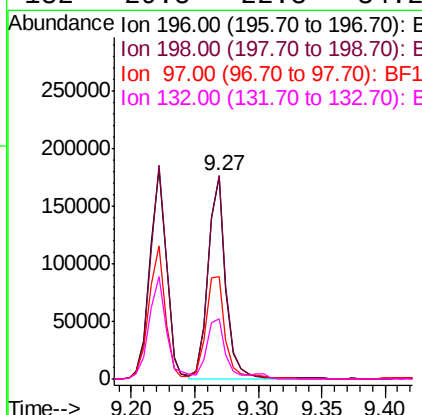
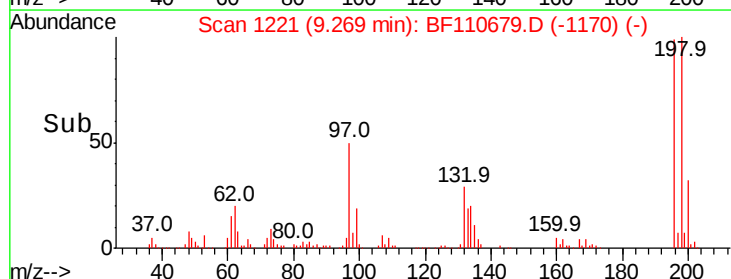
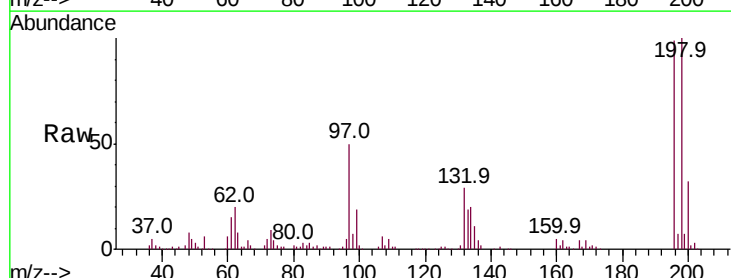
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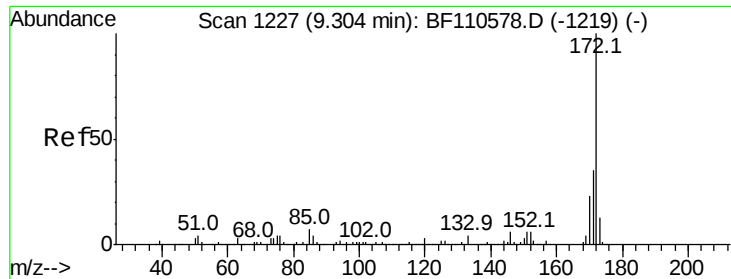
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#44
 2,4,5-Trichlorophenol
 Concen: 44.970 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	172489		
198	100.6	75.8	113.6	
97	50.5	42.4	63.6	
132	29.5	22.8	34.2	





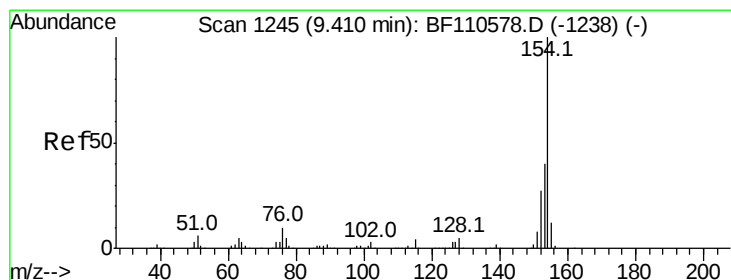
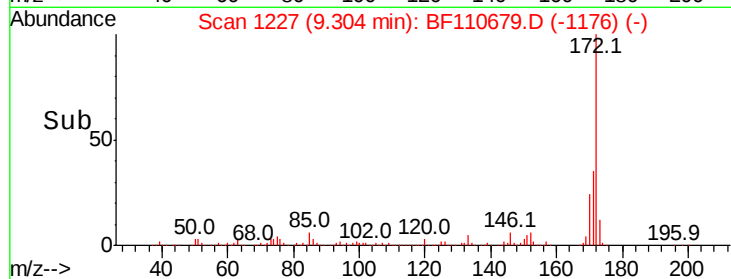
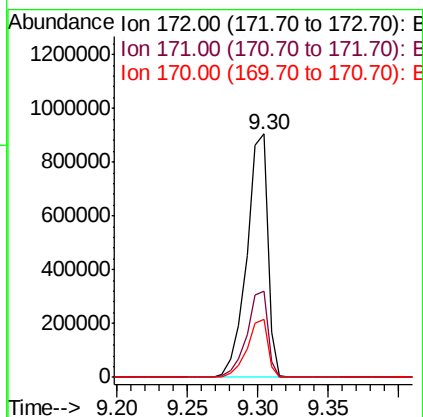
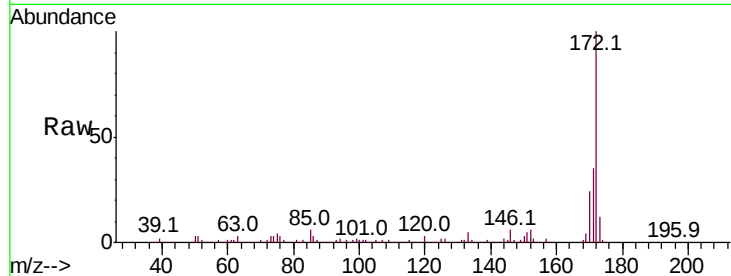
#45
2-Fluorobiphenyl
Concen: 74.517 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.7	19.7	29.5

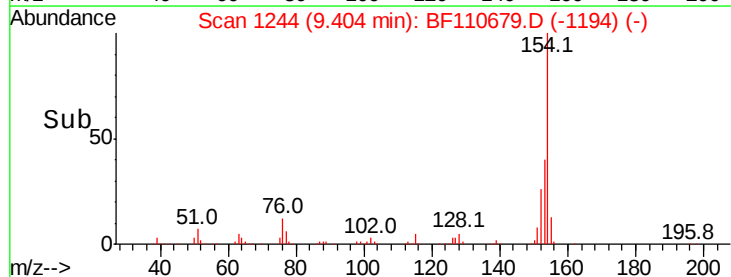
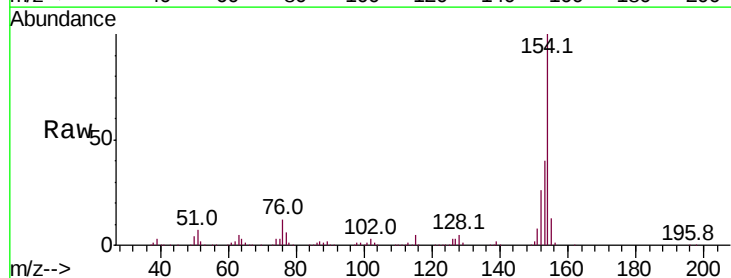
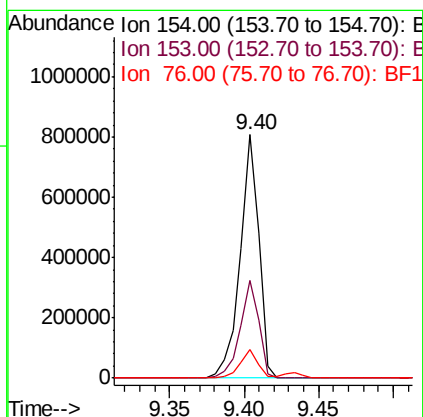
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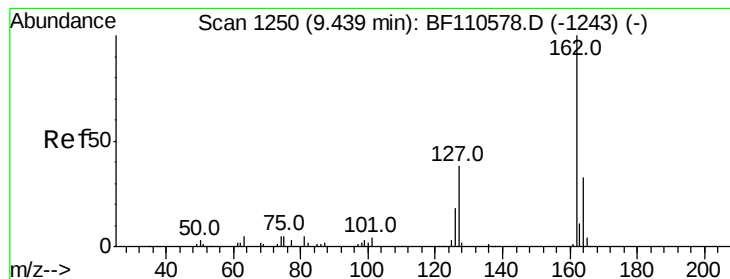
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#46
1,1'-Biphenyl
Concen: 41.806 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.4	60.4
76	11.8	0.0	31.9





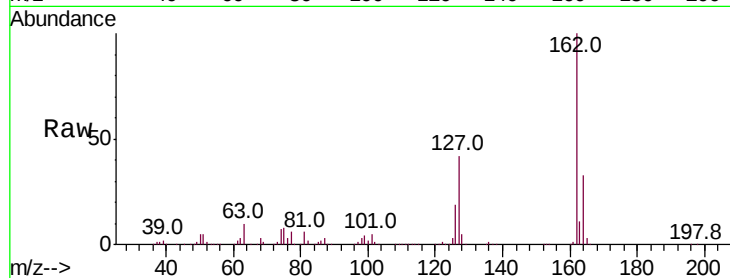
#47
 2-Chloronaphthalene
 Concen: 43.787 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-DMSD

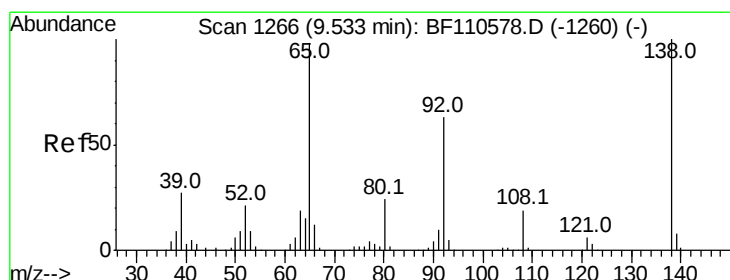
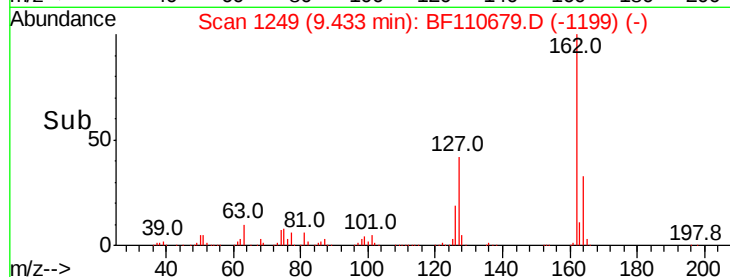
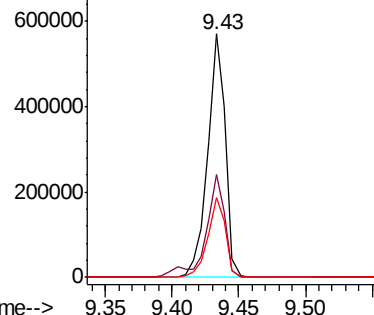
Tot Ion	Ratio	Resp	Lower	Upper
162	100	531977		
127	42.5		32.6	48.8
164	32.5		25.9	38.9

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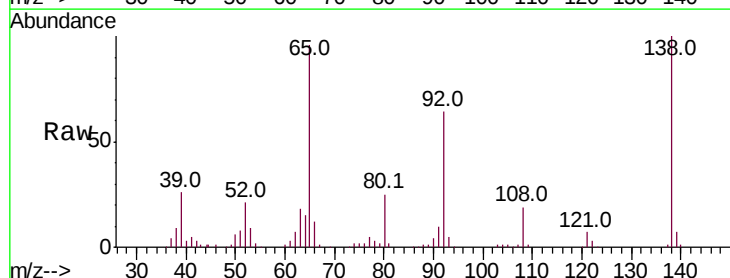


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

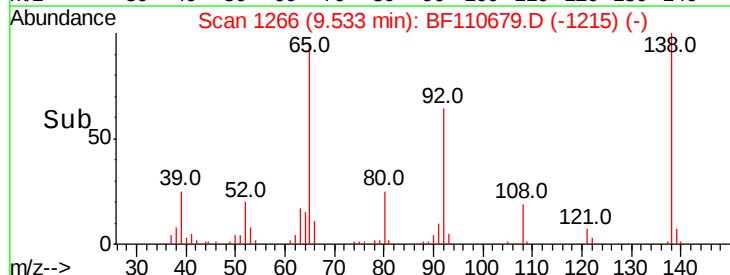
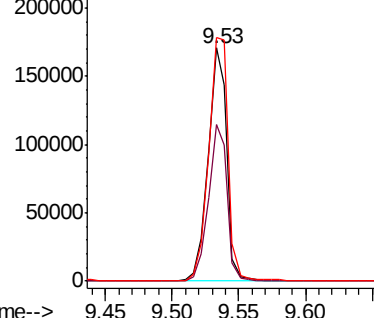


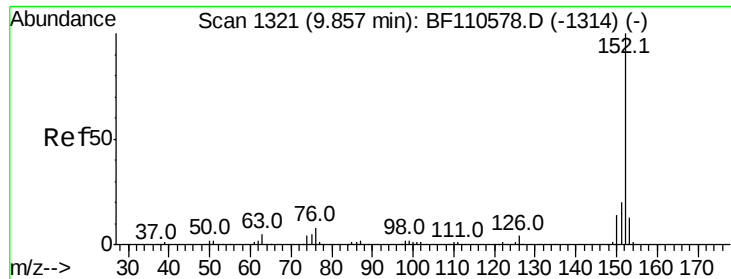
#48
 2-Nitroaniline
 Concen: 44.722 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	167434		
92	67.3		54.6	81.8
138	104.5		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





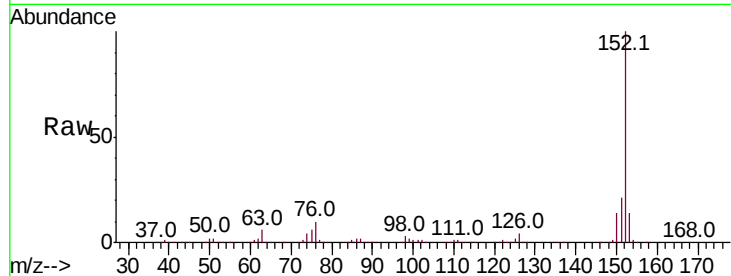
#49
Acenaphthylene
Concen: 47.651 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

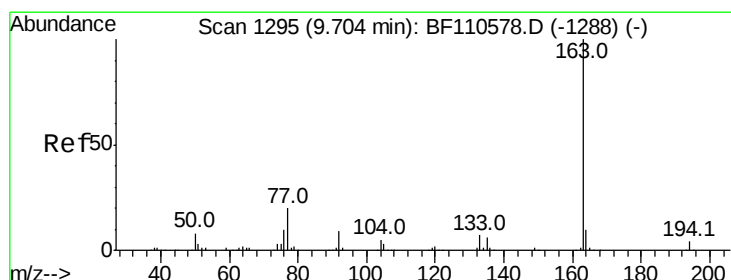
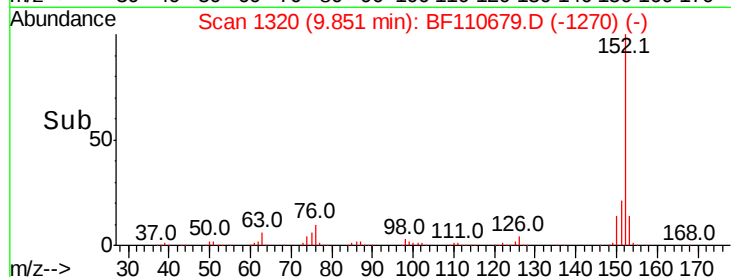
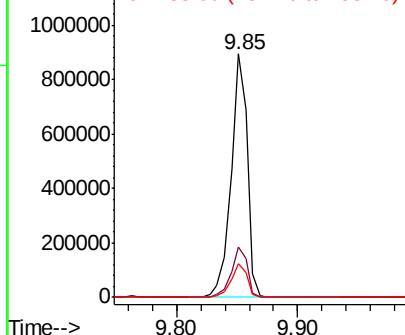
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.8	23.8
153	14.0	10.4	15.6

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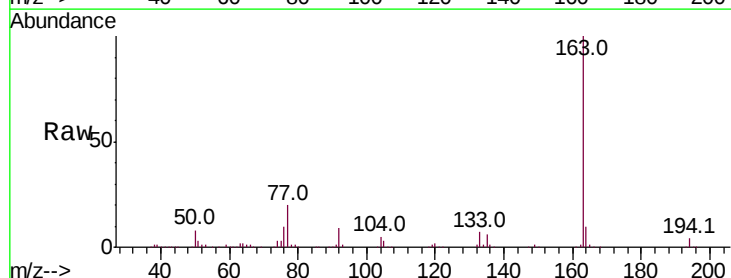


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

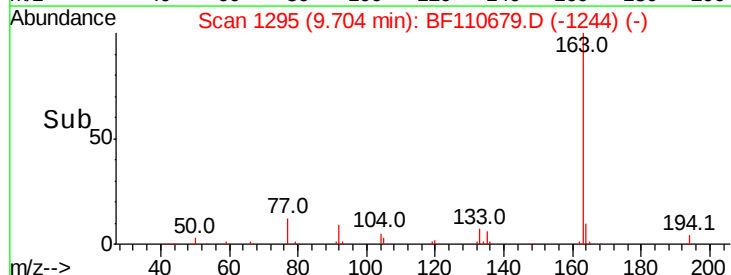
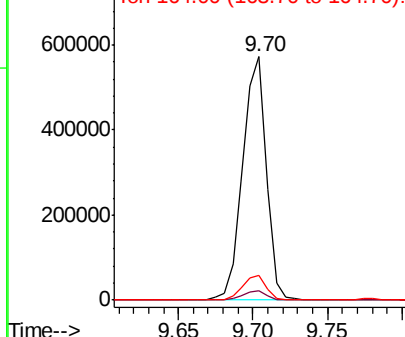


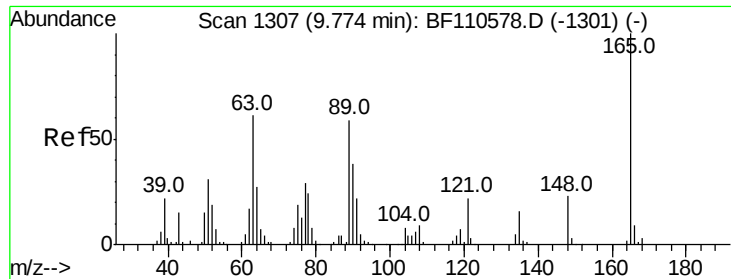
#50
Dimethylphthalate
Concen: 46.406 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.0	8.1	12.1



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





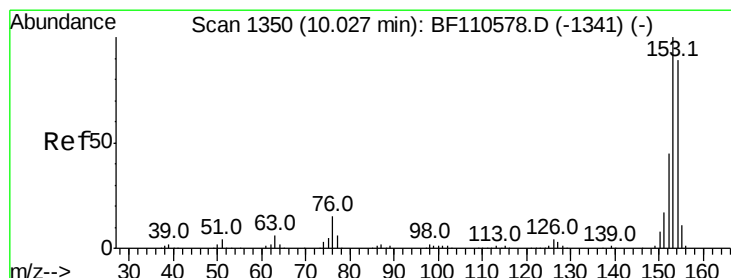
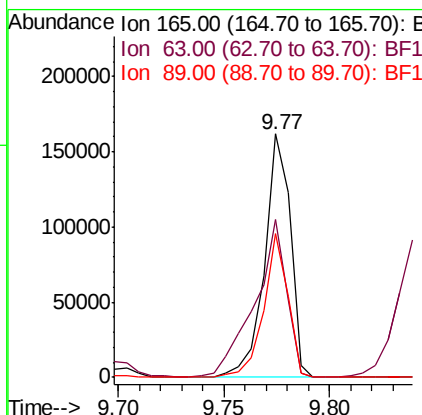
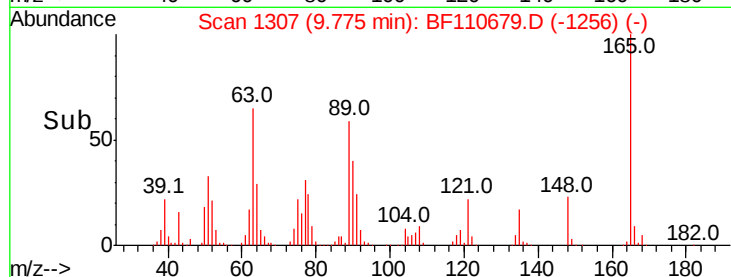
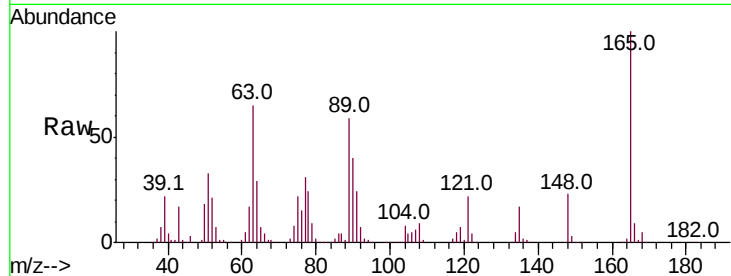
#51
2,6-Dinitrotoluene
Concen: 46.380 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampled :
SB-12-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	137622		
63	64.6	48.9	73.3	
89	59.0	46.6	69.8	

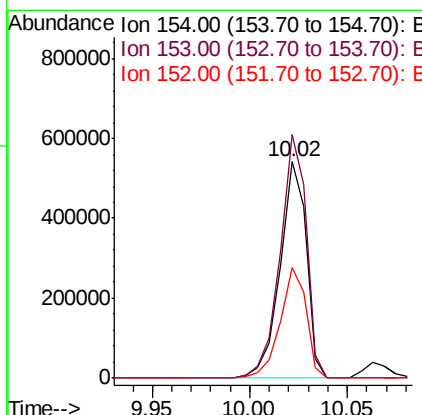
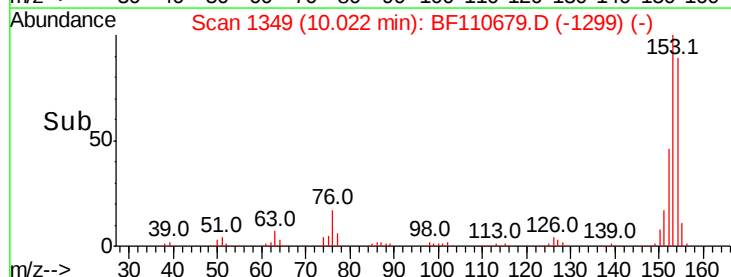
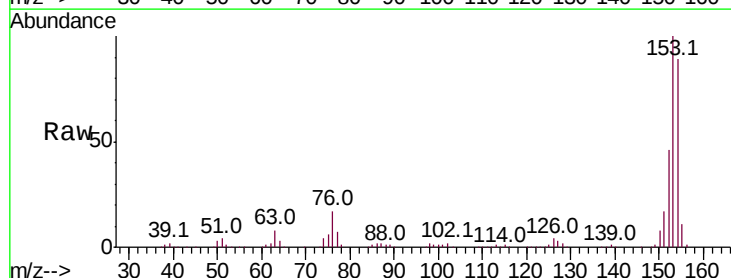
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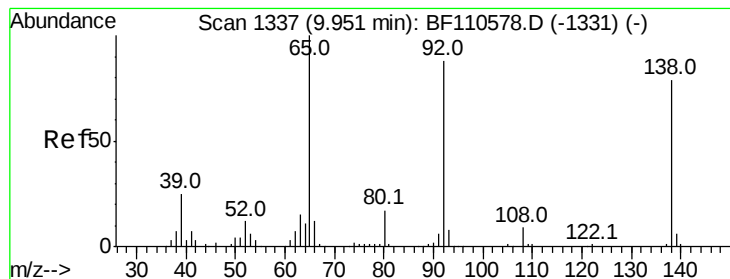
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#52
Acenaphthene
Concen: 45.750 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	505863		
153	112.5	90.1	135.1	
152	51.2	43.4	65.2	





#53

3-Nitroaniline

Concen: 10.991 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

BNA_F

ClientSampleId :

SB-12-DMSD

Tot Ion:138 Resp: 37784

Ion Ratio Lower Upper

138 100

108 11.8 8.7 13.1

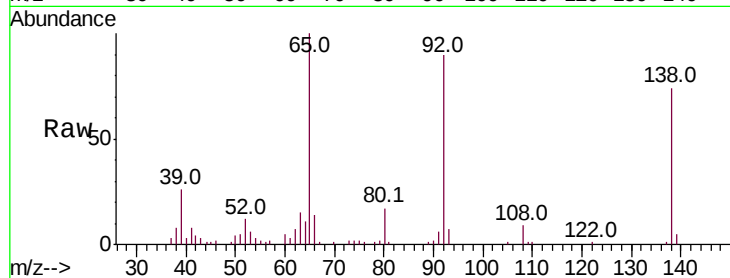
92 120.7 97.0 145.4

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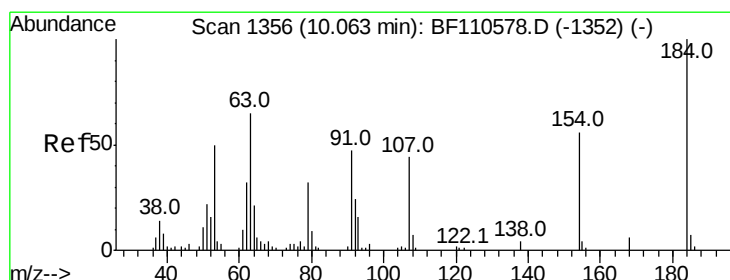
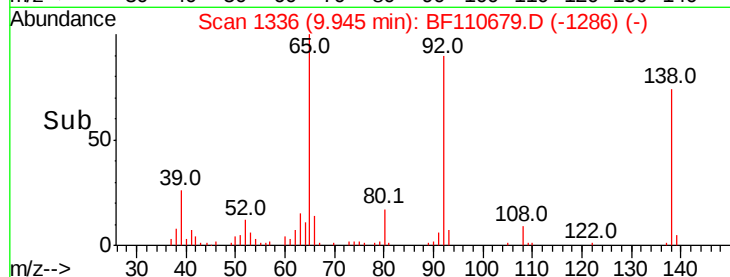
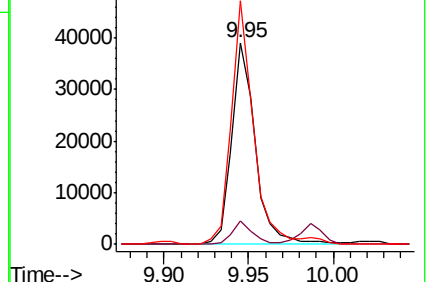
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 48.705 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

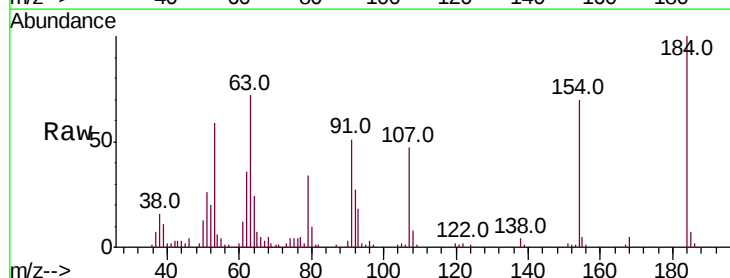
Tgt Ion:184 Resp: 55262

Ion Ratio Lower Upper

184 100

63 72.4 55.8 83.6

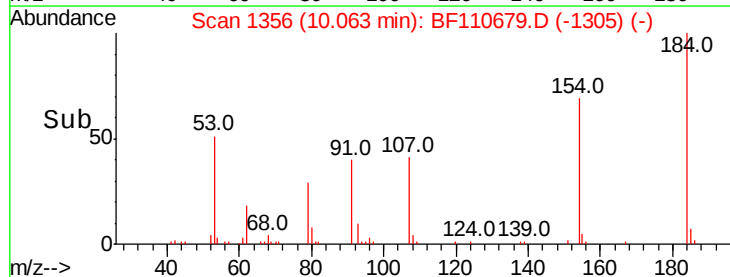
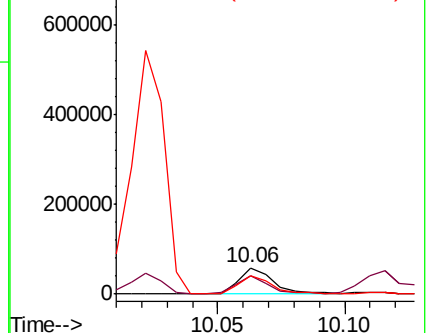
154 70.2 63.2 94.8

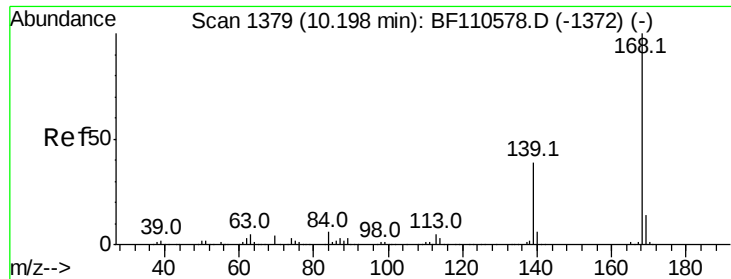


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





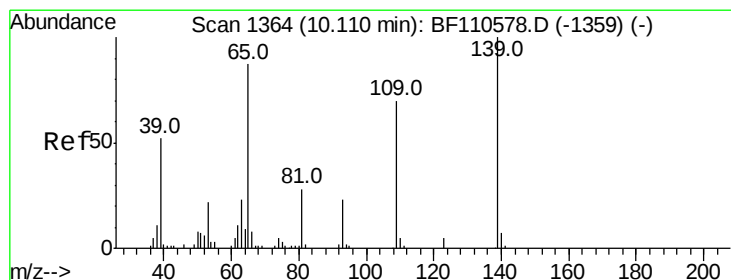
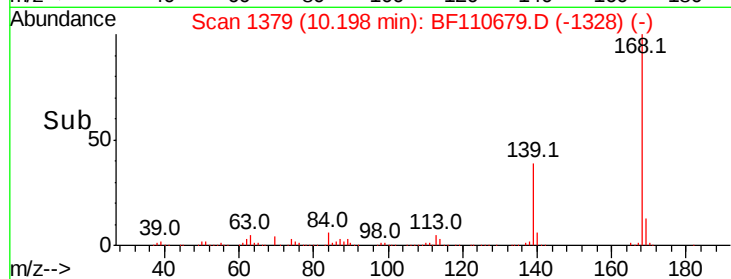
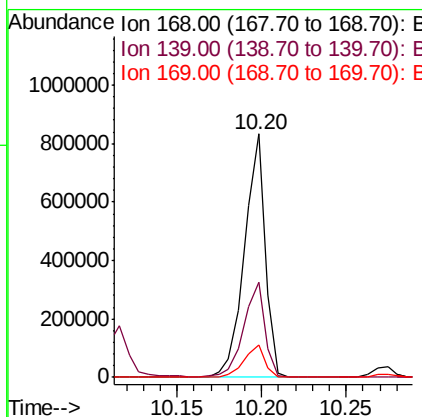
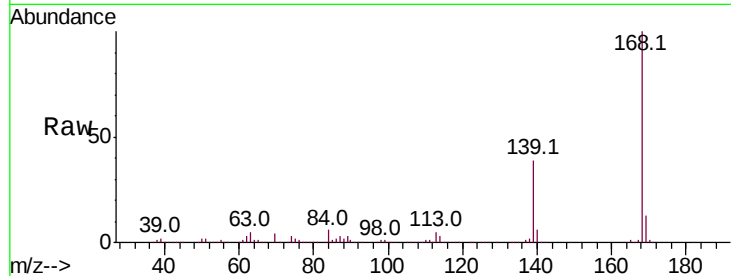
#55
Dibenzenofuran
Concen: 44.425 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	33.0	49.6
169	13.4	11.3	16.9

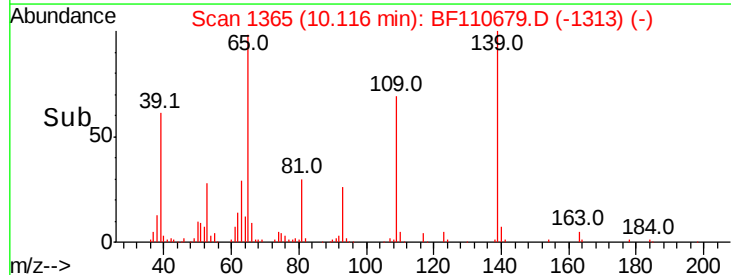
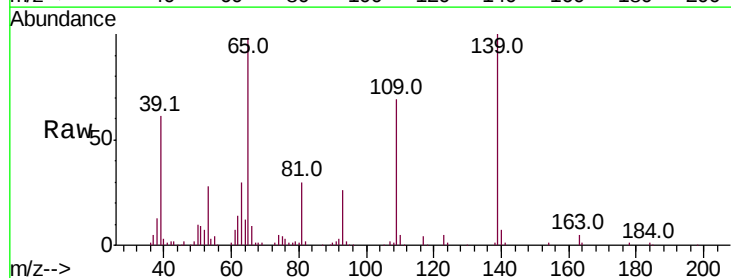
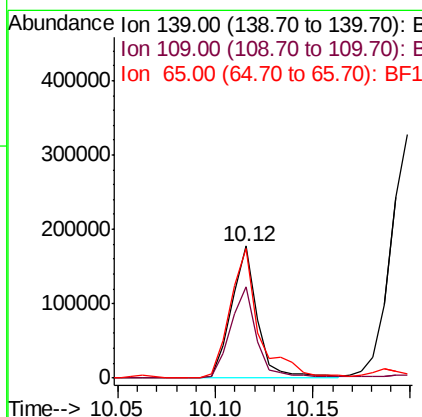
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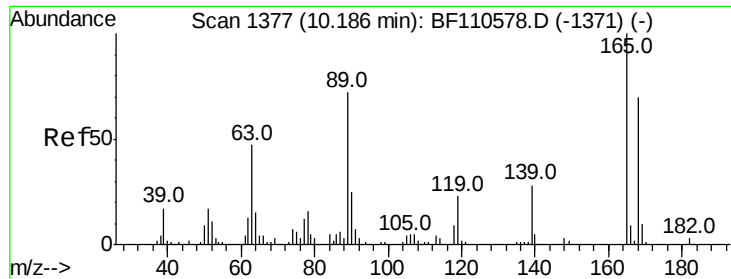
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#56
4-Nitrophenol
Concen: 72.116 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.4	55.8	95.8
65	98.4	77.9	117.9





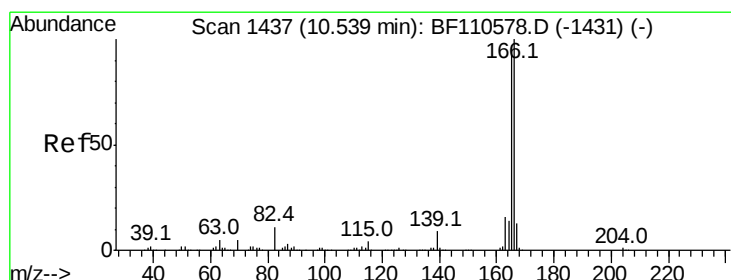
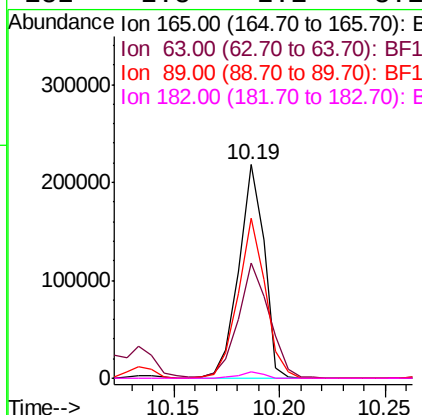
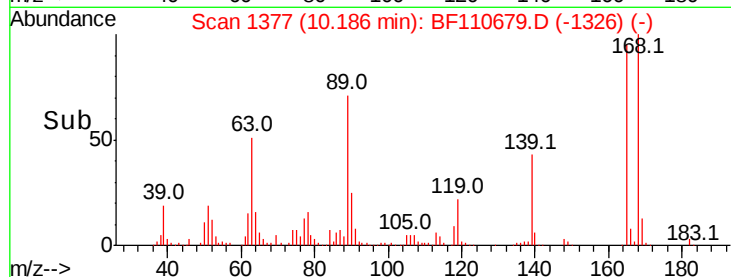
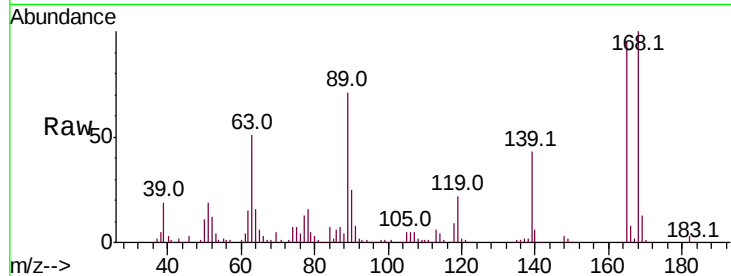
#57
2,4-Dinitrotoluene
Concen: 47.141 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.9	44.8	67.2	
89	75.2	62.2	93.4	
182	2.8	2.1	3.1	

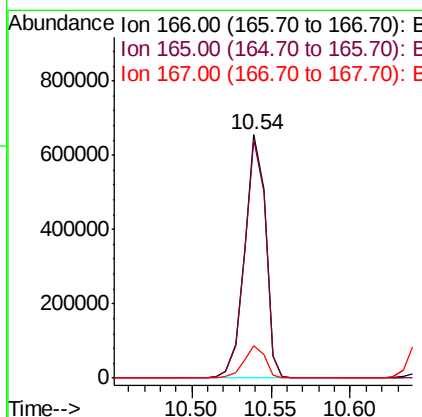
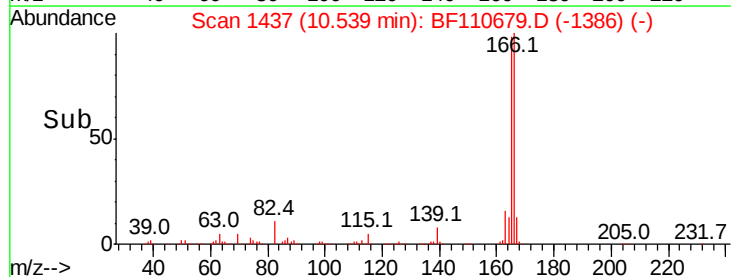
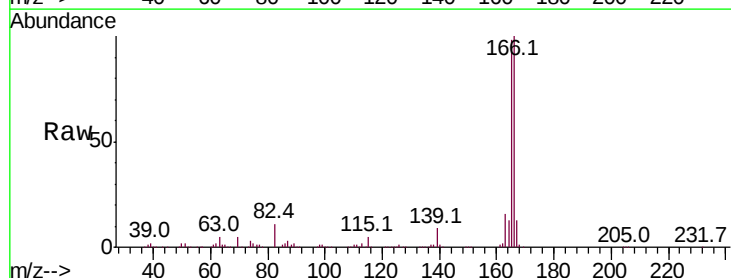
Manual Integrations
APPROVED

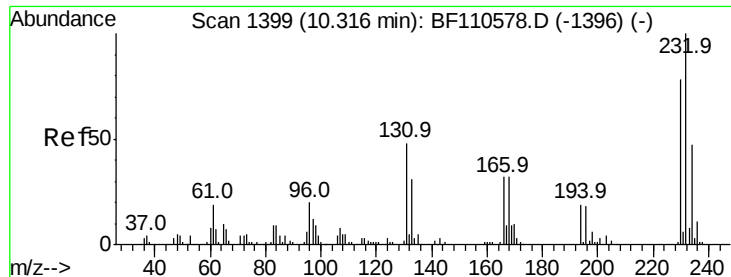
Sohil
11/13/2018 11:16:28 AM



#58
Fluorene
Concen: 47.994 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.7	78.6	117.8	
167	13.2	10.8	16.2	





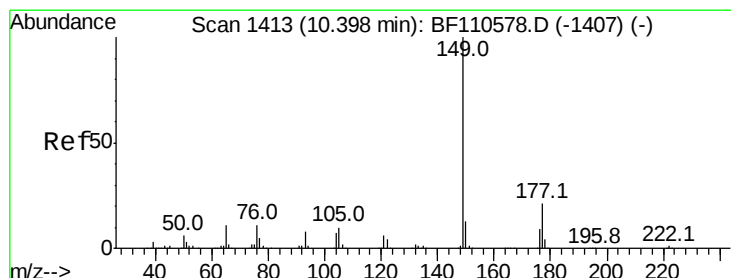
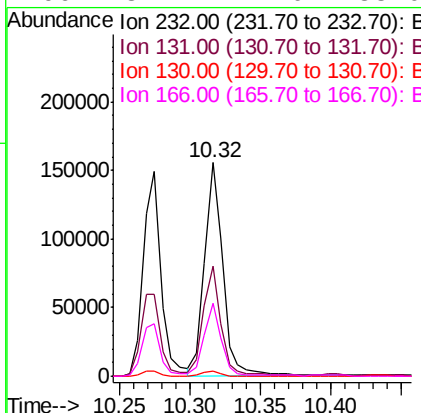
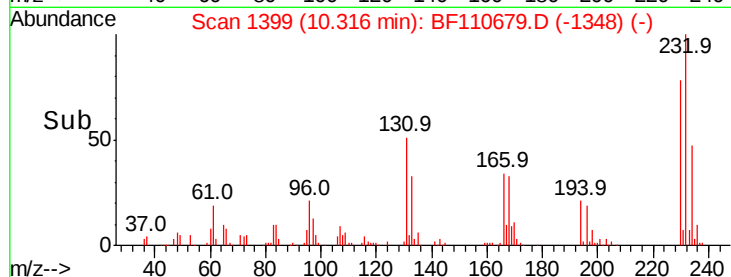
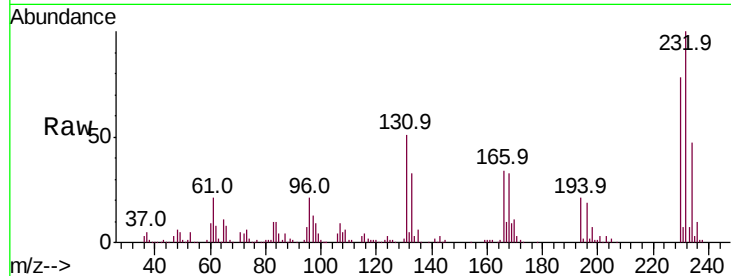
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.660 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-DMSD

Tot Ion:	232	Resp:	140794
Ion Ratio		Lower	Upper
232	100		
131	49.4	37.0	55.4
130	2.3	1.8	2.6
166	32.2	22.0	33.0

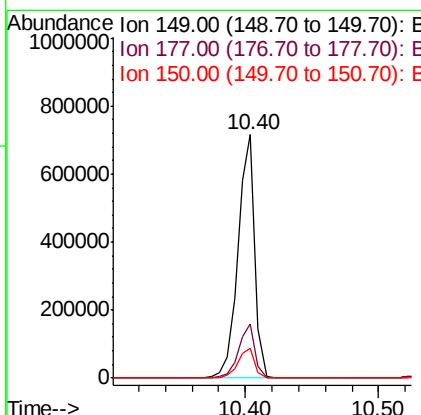
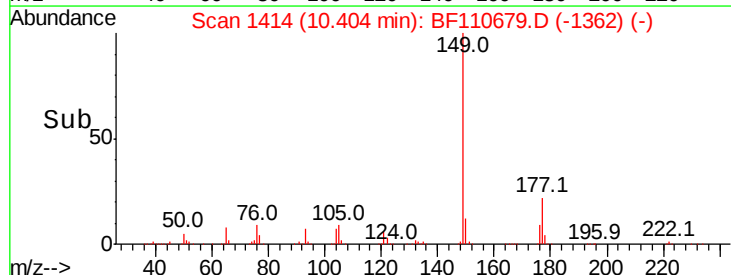
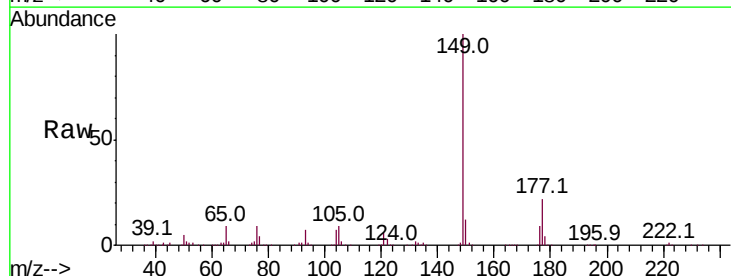
Manual Integrations
 APPROVED

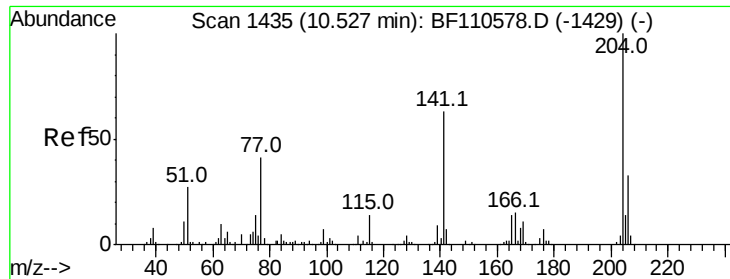
Sohil
 11/13/2018 11:16:28 AM



#60
 Diethylphthalate
 Concen: 46.736 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion:	149	Resp:	623690
Ion Ratio		Lower	Upper
149	100		
177	22.3	17.4	26.2
150	12.2	9.8	14.8





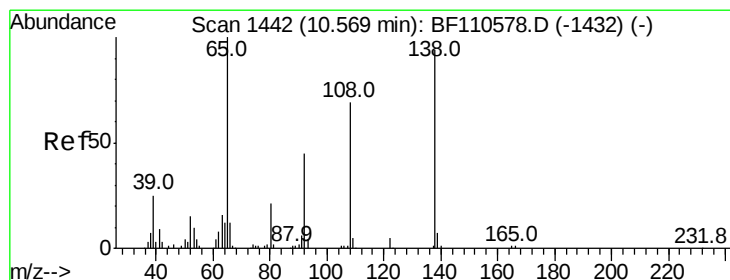
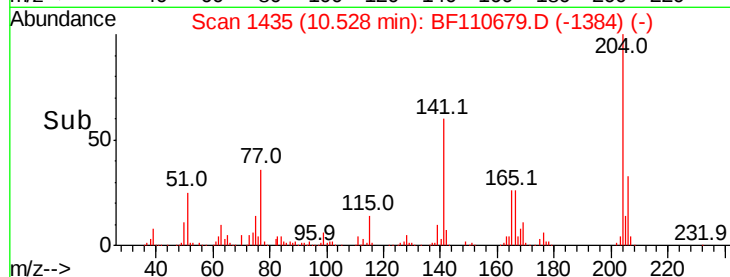
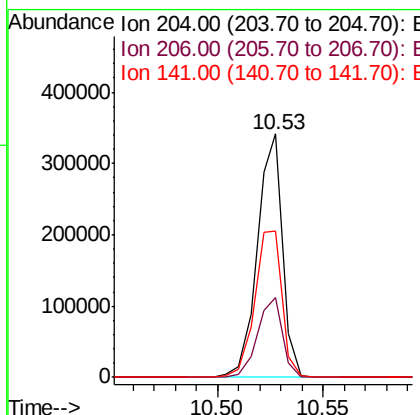
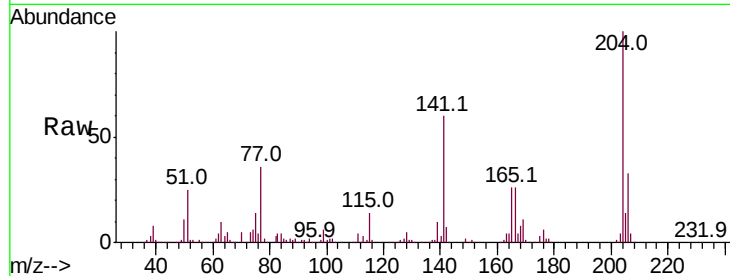
#61
4-Chlorophenyl-phenylether
Concen: 44.007 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	60.1	51.8	77.8

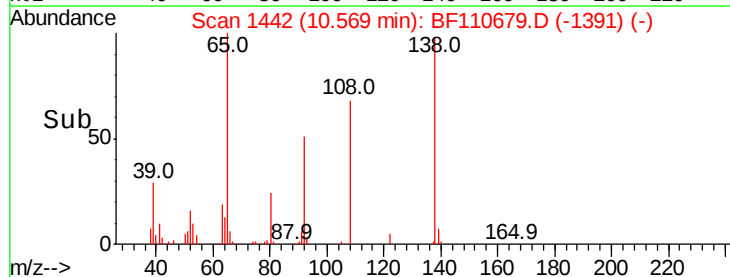
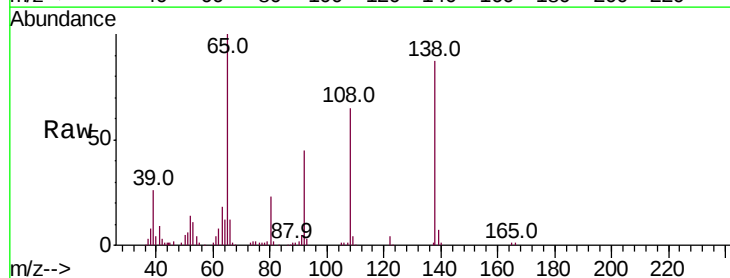
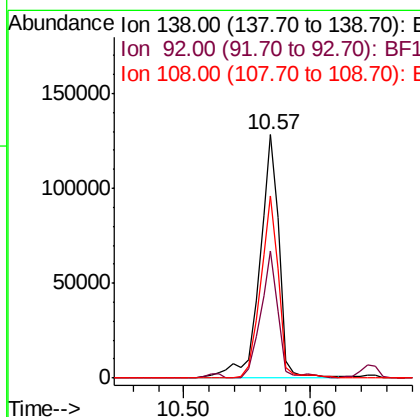
Manual Integrations
APPROVED

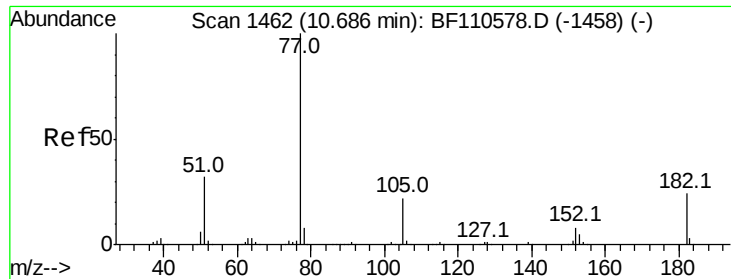
Sohil
11/13/2018 11:16:28 AM



#62
4-Nitroaniline
Concen: 39.760 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.7	71.7
108	74.7	59.3	99.3





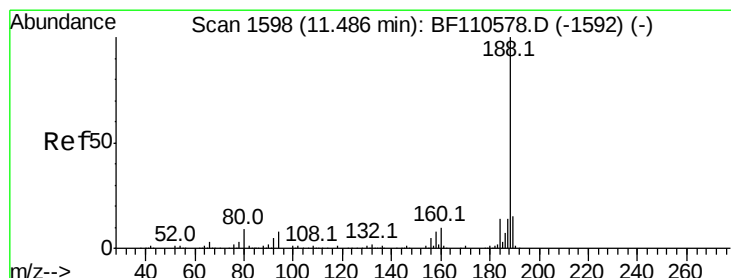
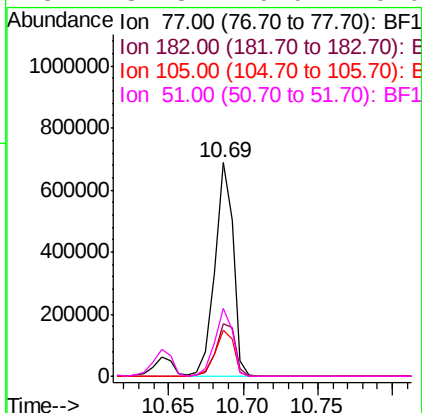
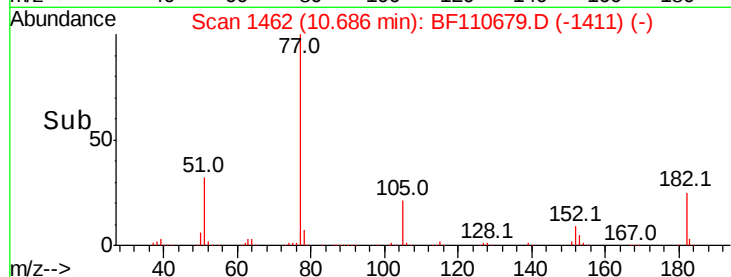
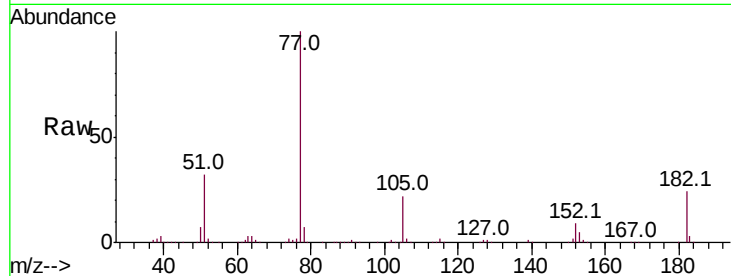
#63
Azobenzene
Concen: 45.283 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.5	4.3	44.3	
105	21.7	1.3	41.3	
51	31.8	9.0	49.0	

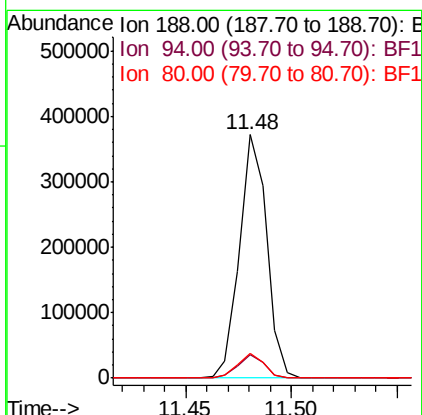
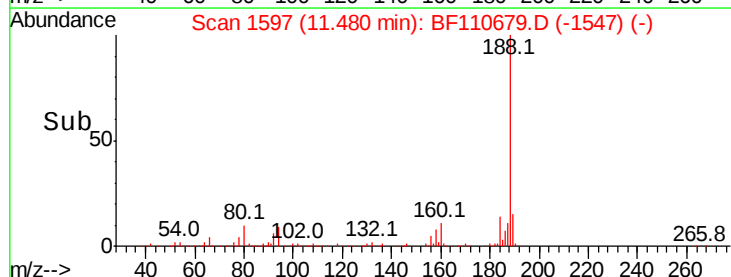
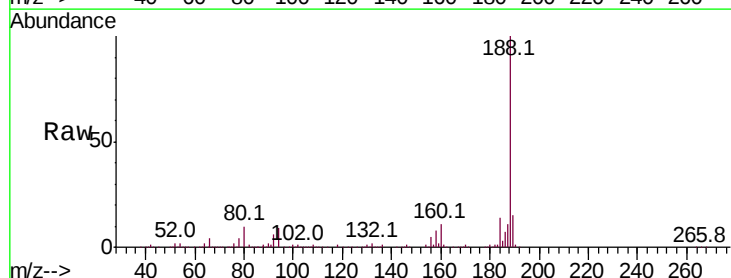
Manual Integrations
APPROVED

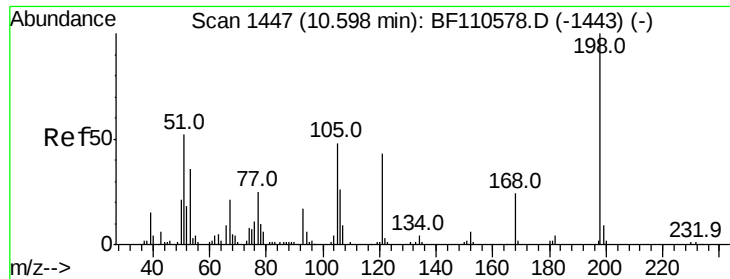
Sohil
11/13/2018 11:16:28 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.4	7.2	10.8	
80	9.9	7.9	11.9	





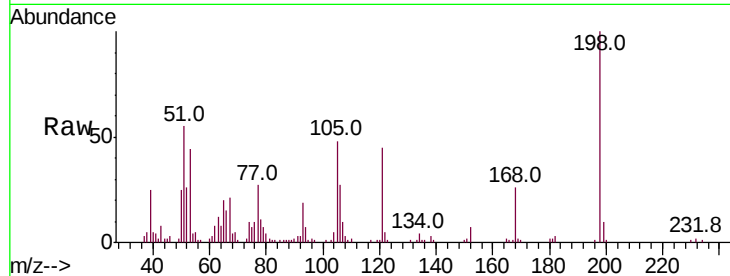
#65
4,6-Dinitro-2-methylphenol
Concen: 31.093 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.4	22.8	62.8
105	48.5	23.6	63.6

Manual Integrations
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Sohil
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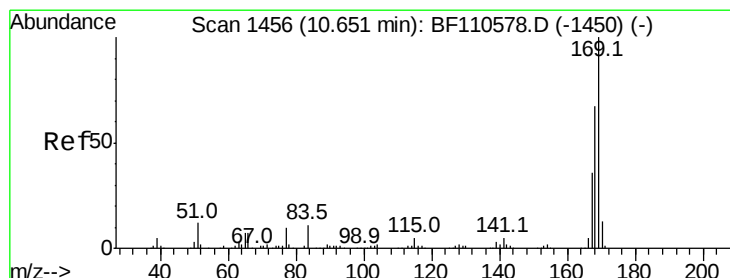
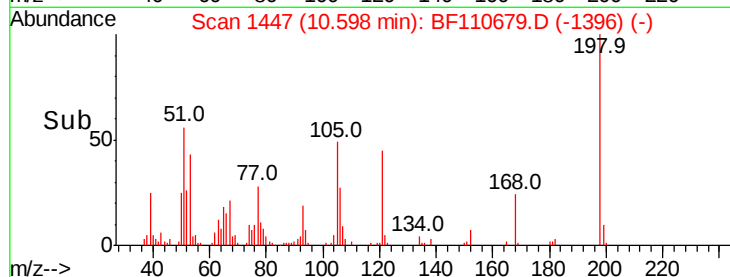
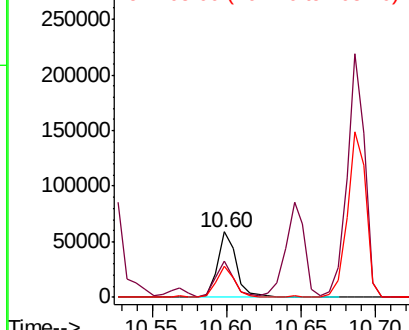


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 45.667 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

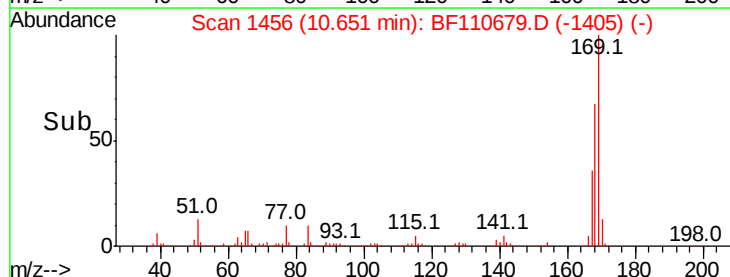
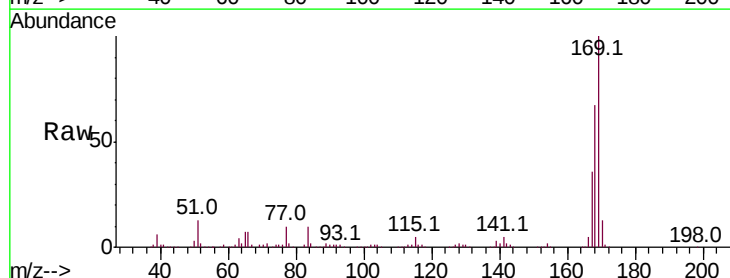
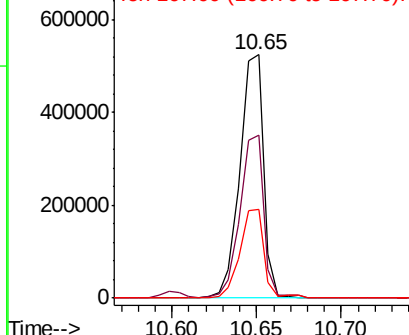
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	51.2	76.8
167	36.5	27.8	41.6

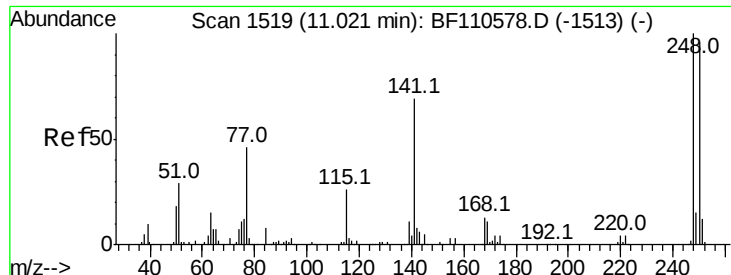
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





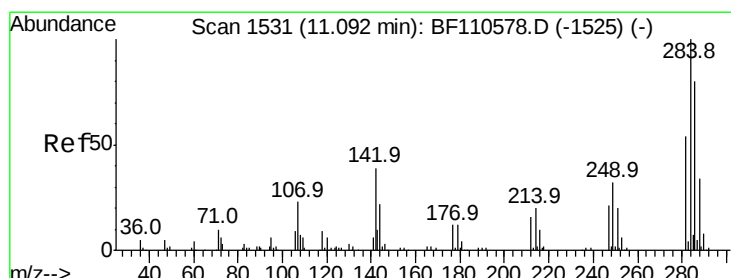
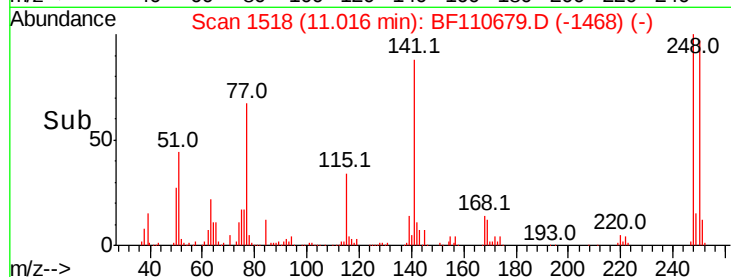
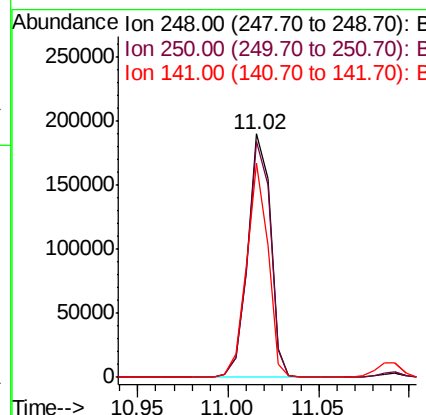
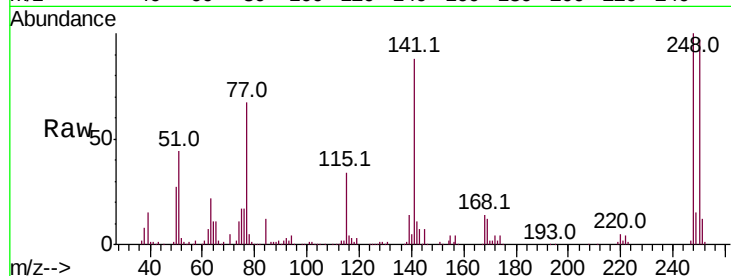
#67
4-Bromophenyl-phenylether
Concen: 45.124 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	79.4	119.2
141	88.0	55.9	83.9#

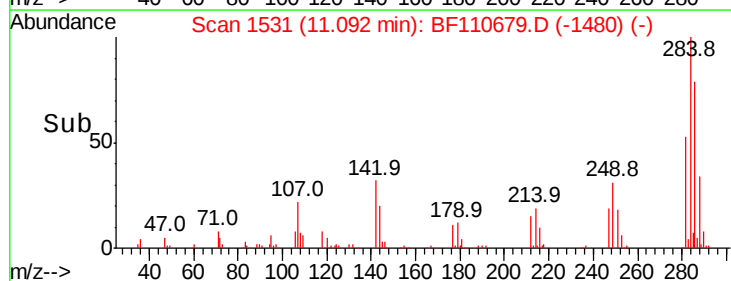
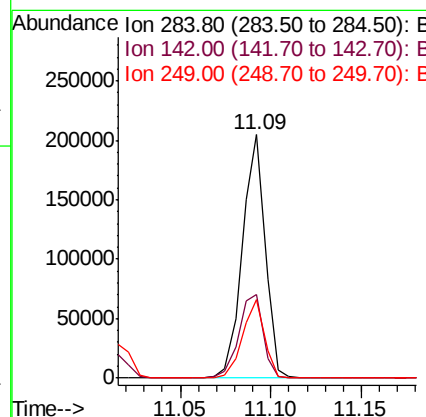
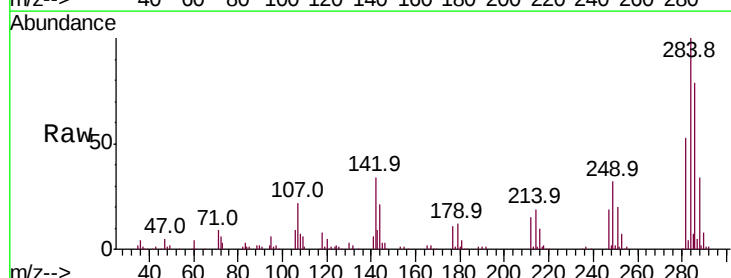
Manual Integrations
APPROVED

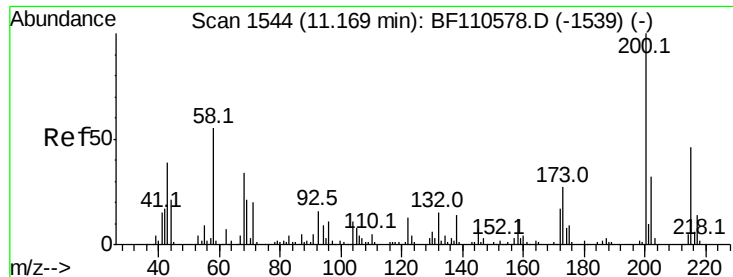
Sohil
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#68
Hexachlorobenzene
Concen: 46.190 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	23.9	35.9
249	32.1	24.2	36.2





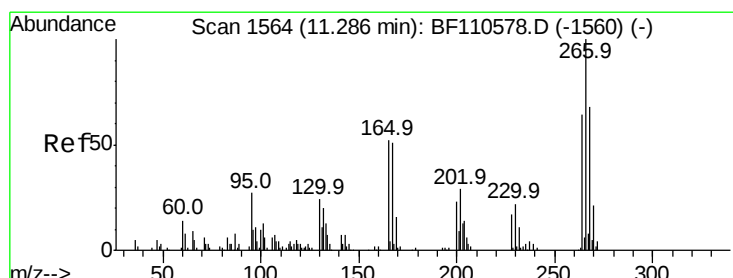
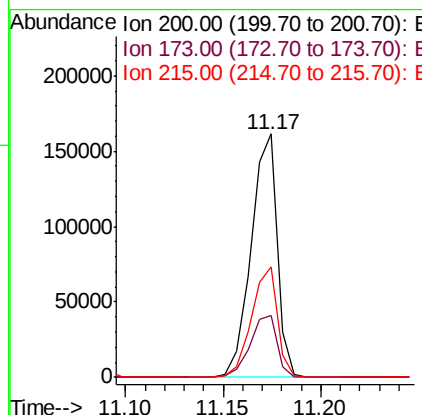
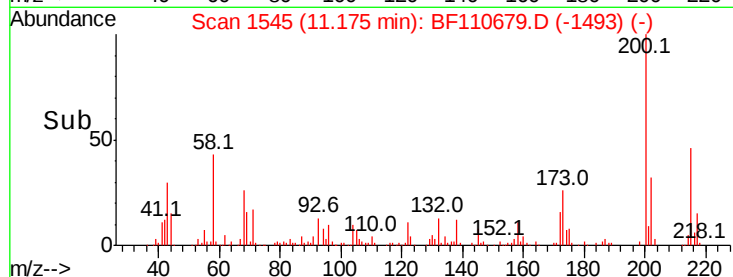
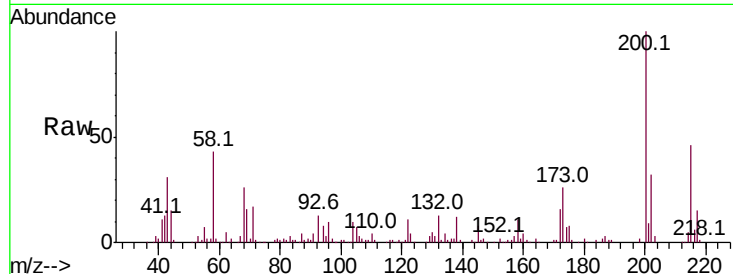
#69
Atrazine
Concen: 43.787 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.6	46.6
215	45.6	26.3	66.3

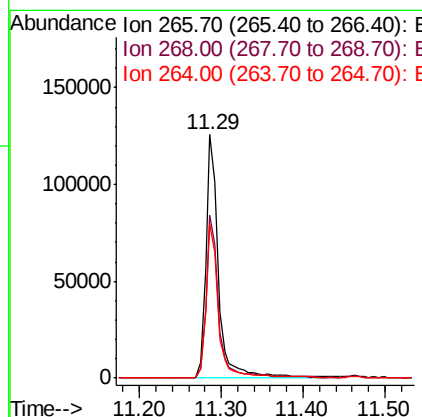
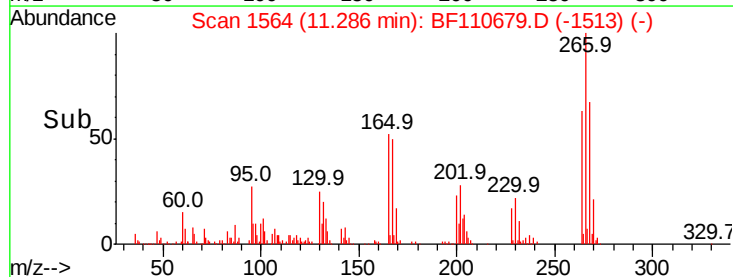
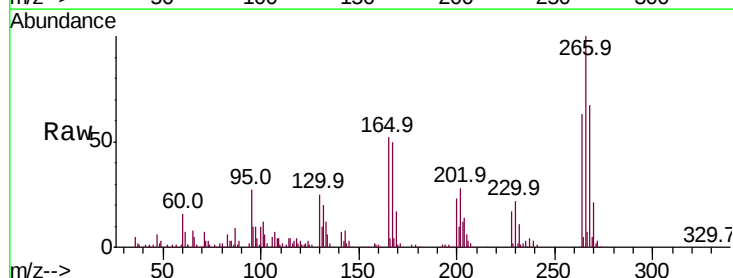
Manual Integrations
APPROVED

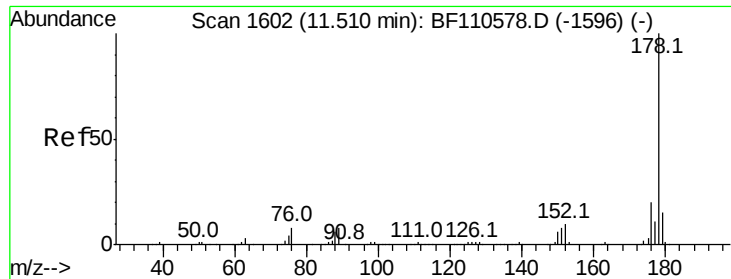
Sohil
11/13/2018 11:16:28 AM



#70
Pentachlorophenol
Concen: 66.468 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	50.6	75.8
264	63.0	50.6	75.8





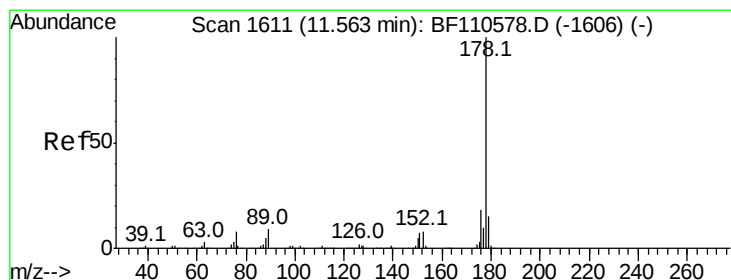
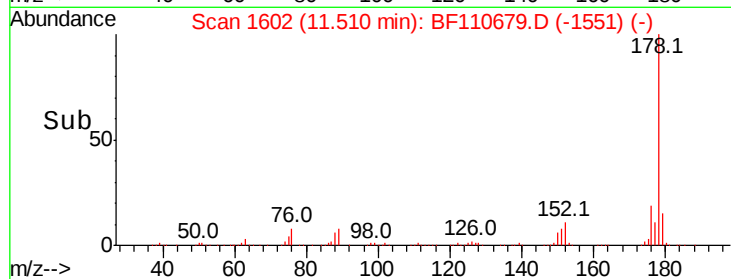
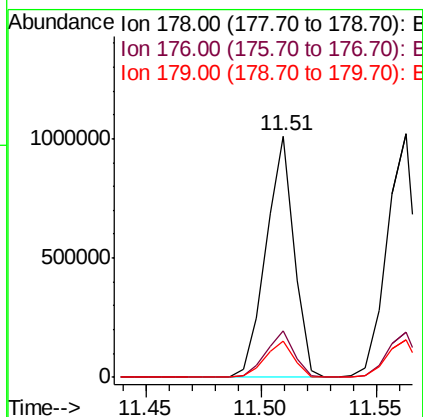
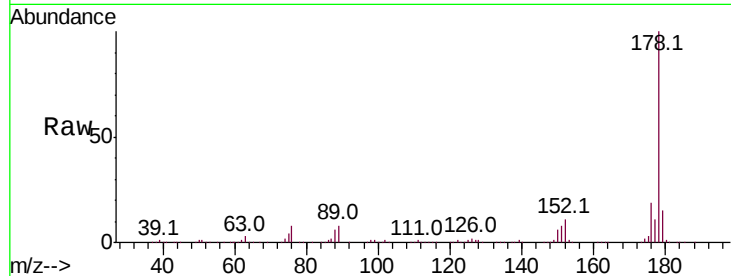
#71
Phenanthrene
Concen: 48.041 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampled :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.0	12.5	18.7

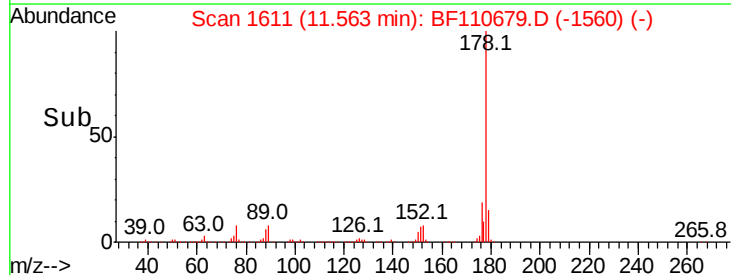
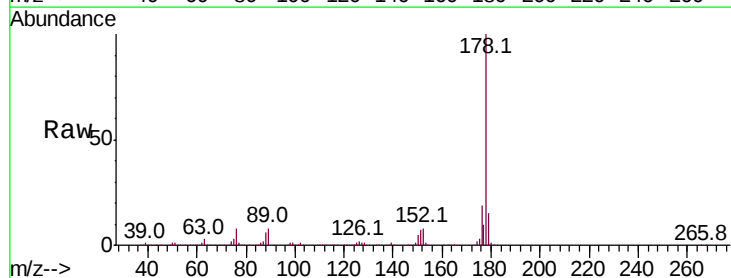
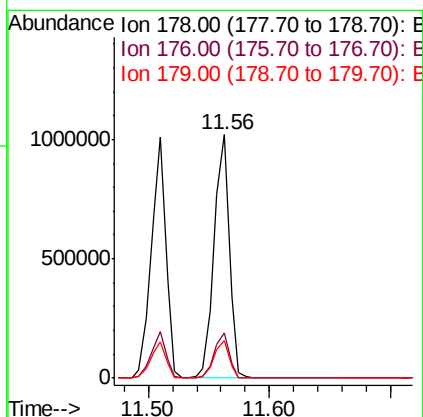
Manual Integrations
APPROVED

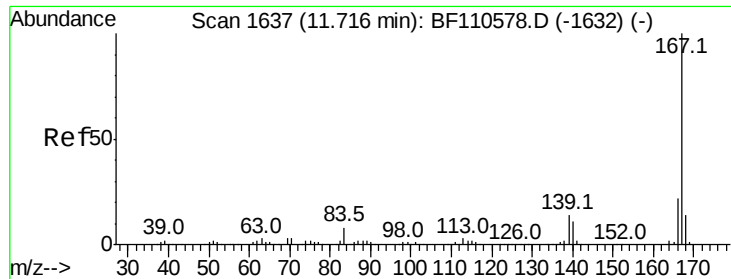
Sohil
11/13/2018 11:16:28 AM



#72
Anthracene
Concen: 49.042 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.5	12.6	18.8





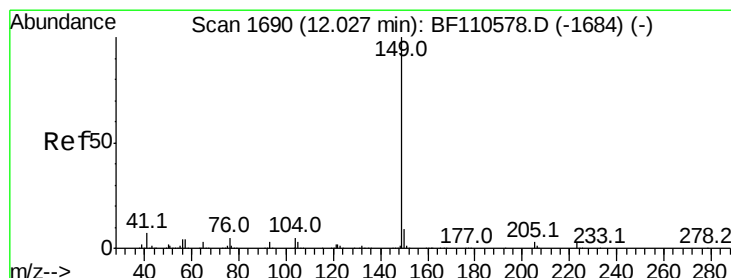
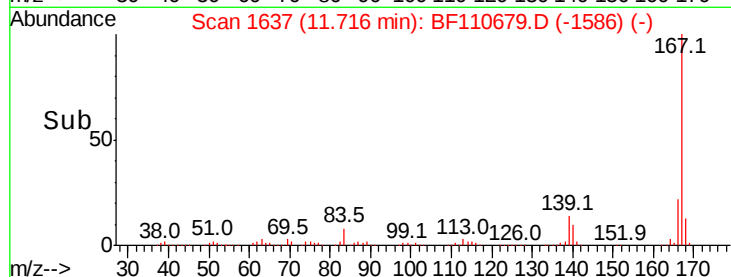
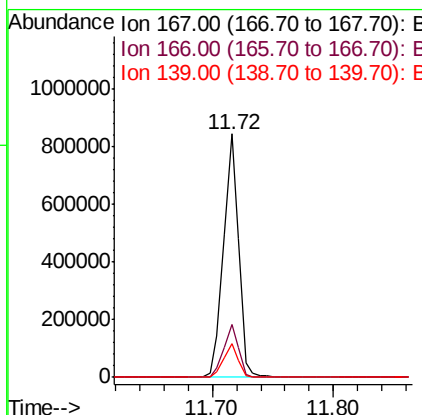
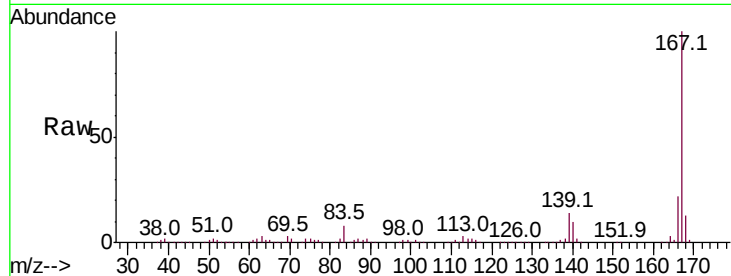
#73
 Carbazole
 Concen: 42.229 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.7	10.9	16.3

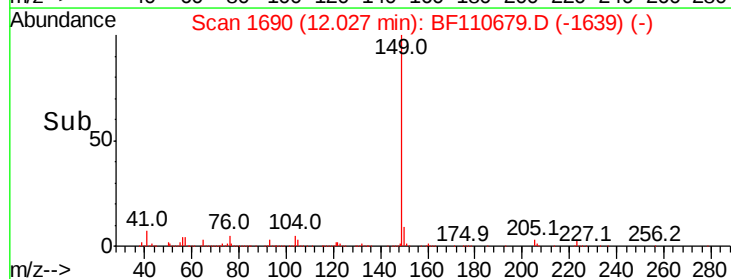
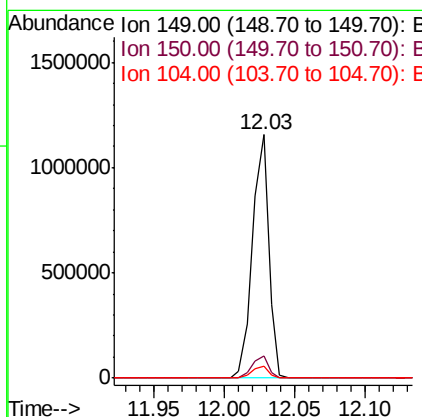
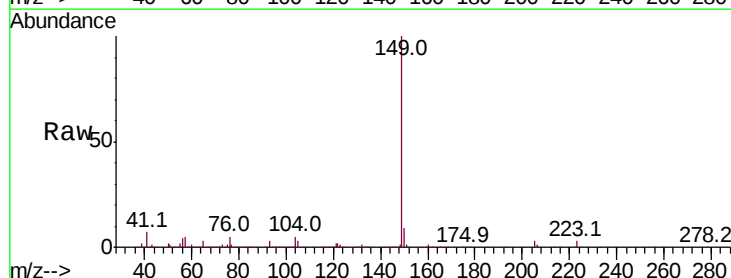
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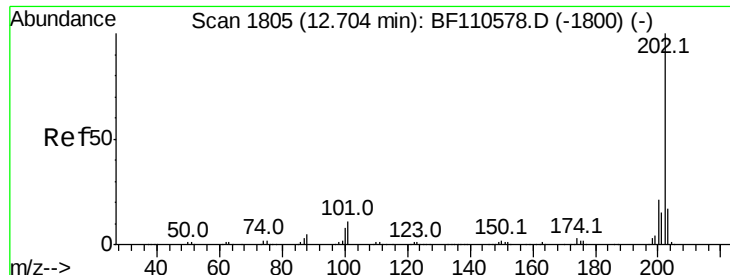
Sohil
 11/13/2018 11:16:28 AM



#74
 Di-n-butylphthalate
 Concen: 46.943 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.00 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 46.259 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

BNA_F

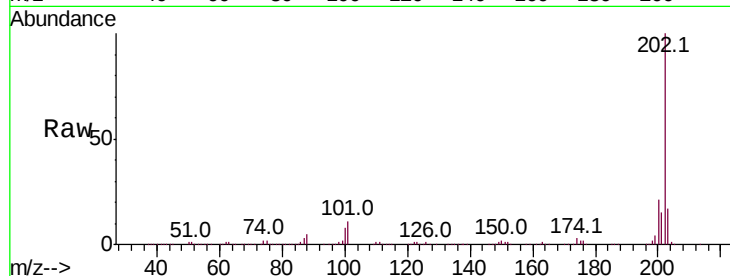
ClientSampleId :

SB-12-DMSD

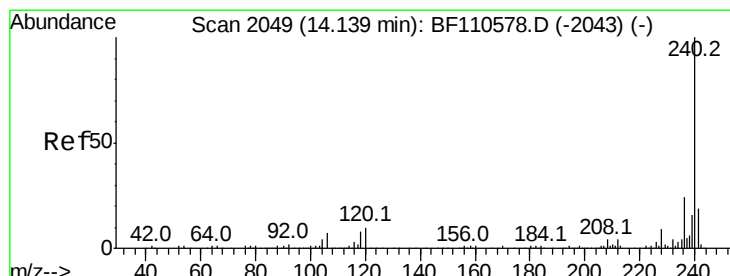
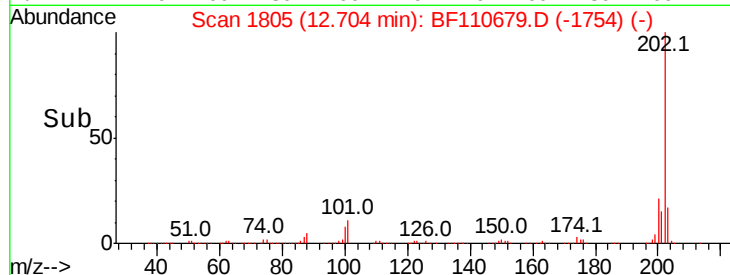
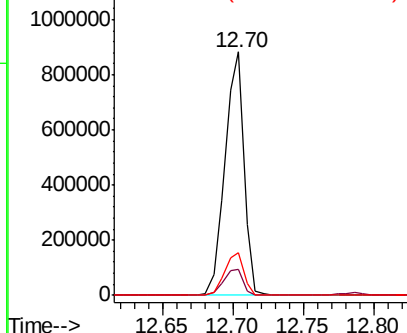
Tot Ion	Ratio	Resp	Lower	Upper
202	100	825606		
101	10.5	0.0	31.4	
203	17.5	0.0	37.7	

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

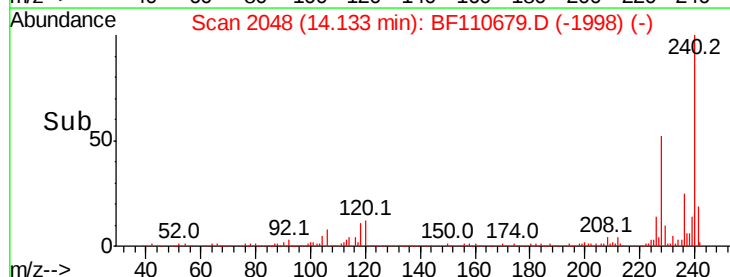
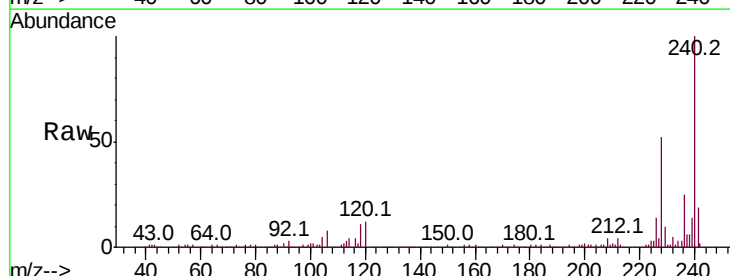
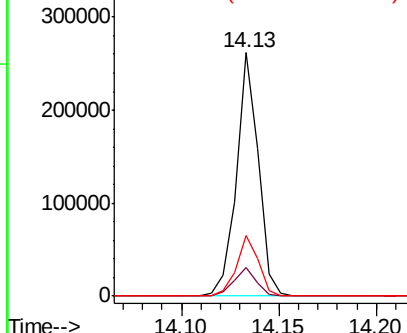
Delta R.T. -0.01 min

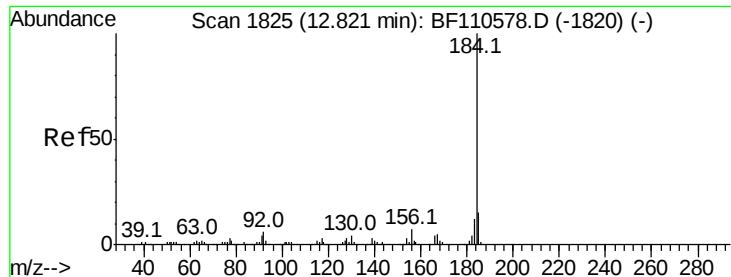
Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	203237		
120	11.8	8.3	12.5	
236	24.9	21.2	31.8	

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





#77

Benzidine

Concen: 38.847 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

BNA_F

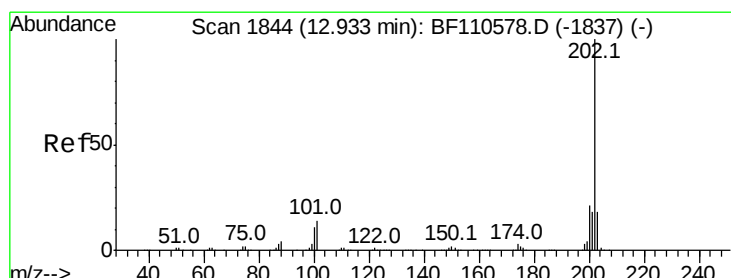
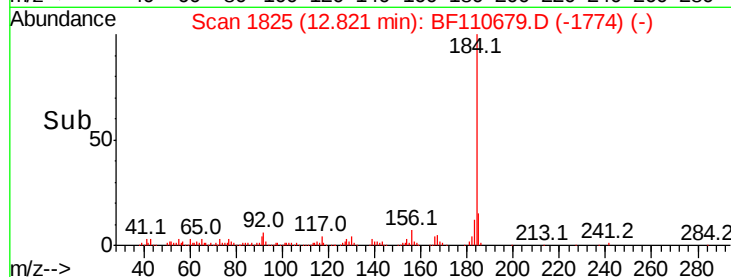
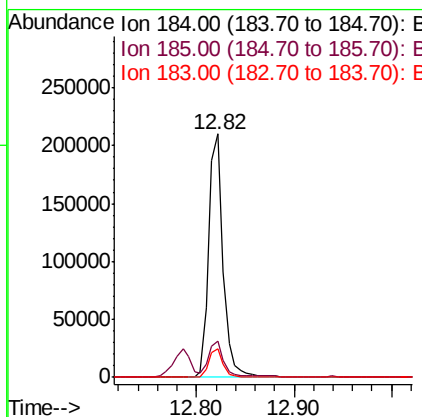
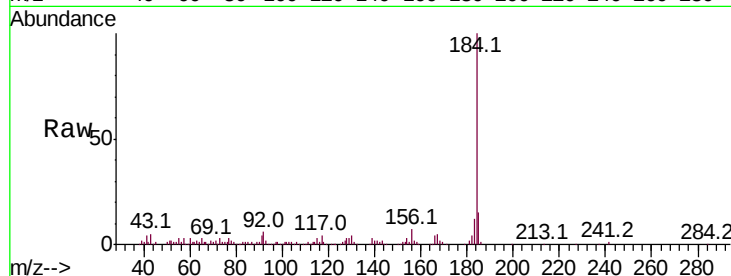
ClientSampleId :

SB-12-DMSD

Tot Ion:	184	Resp:	217118
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.4	20.2
183	11.7	9.4	14.2

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#78

Pyrene

Concen: 51.708 ng

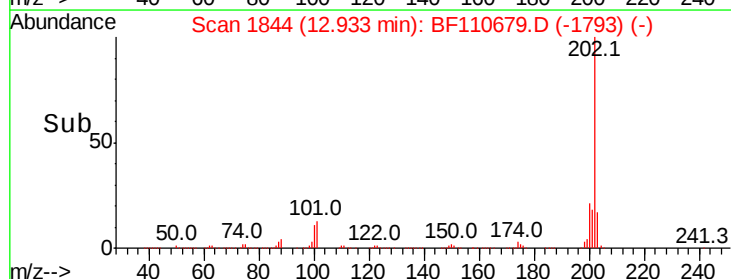
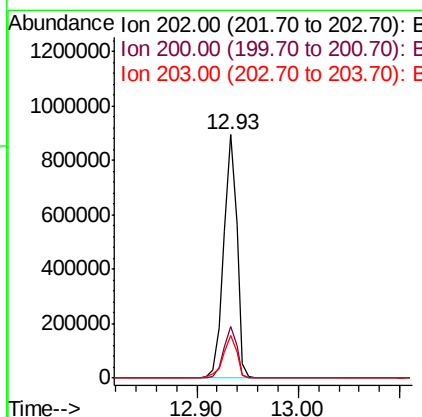
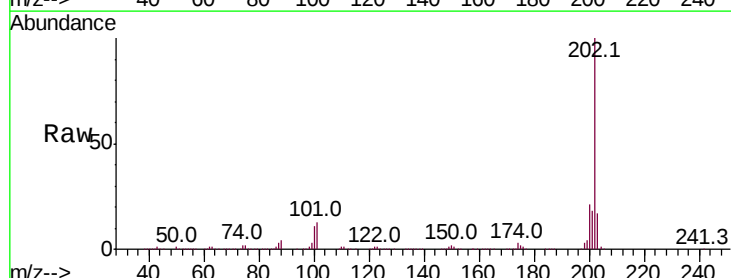
RT: 12.93 min Scan# 1844

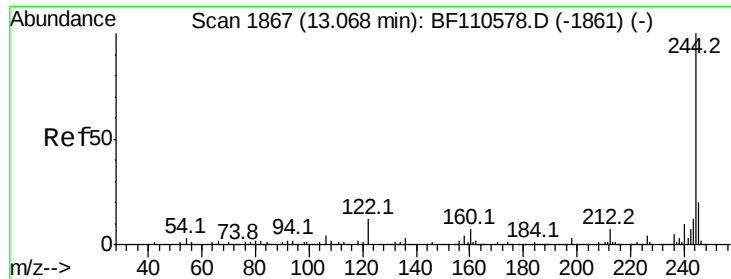
Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Tgt Ion:	202	Resp:	809159
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.8	26.6
203	17.4	14.2	21.4





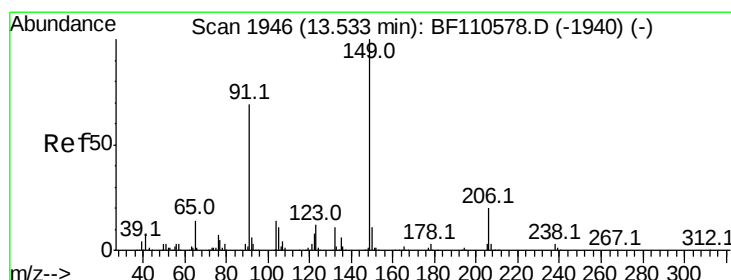
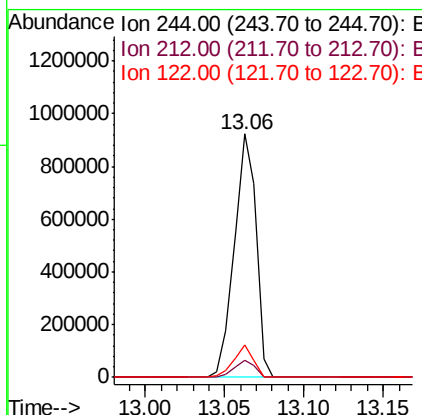
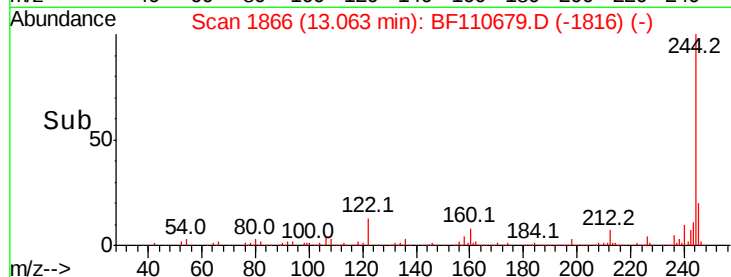
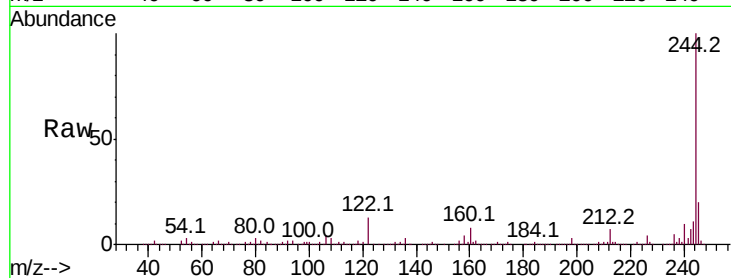
#79
 Terphenyl-d14
 Concen: 81.060 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-12-DMSD

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

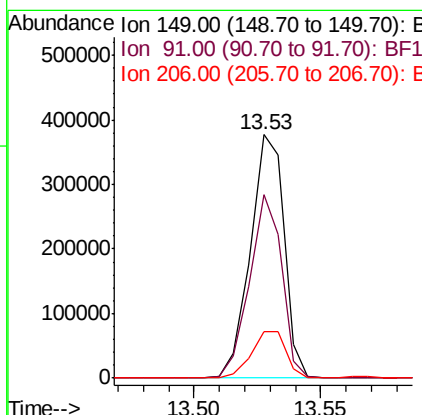
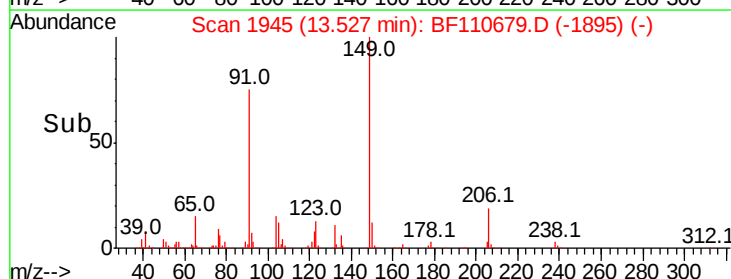
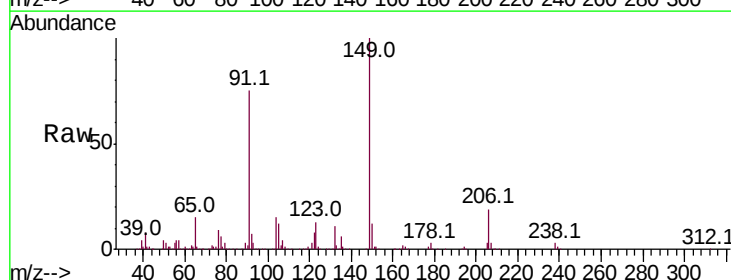
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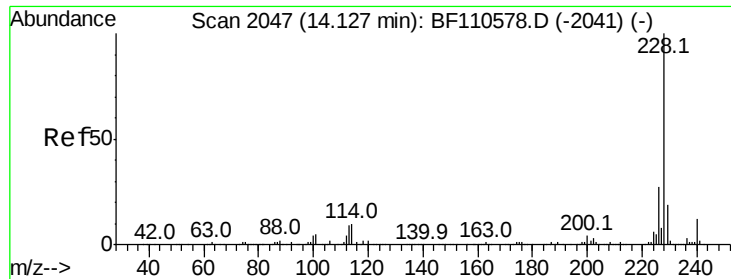
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#80
 Butylbenzylphthalate
 Concen: 52.157 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110679.D
 Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.2	57.2	85.8
206	19.2	15.7	23.5





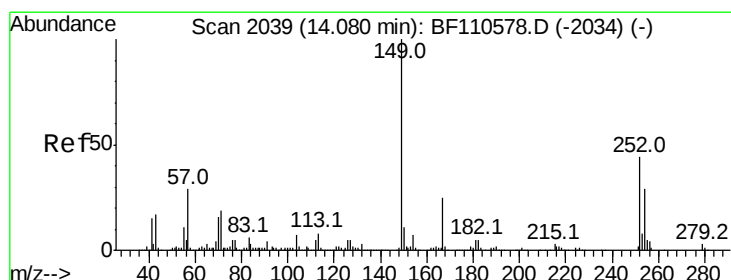
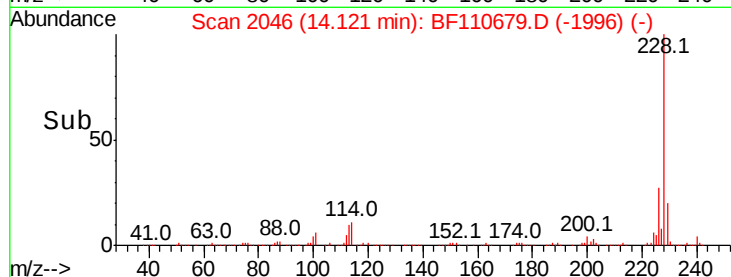
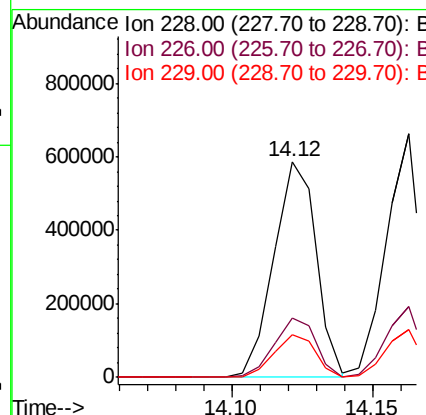
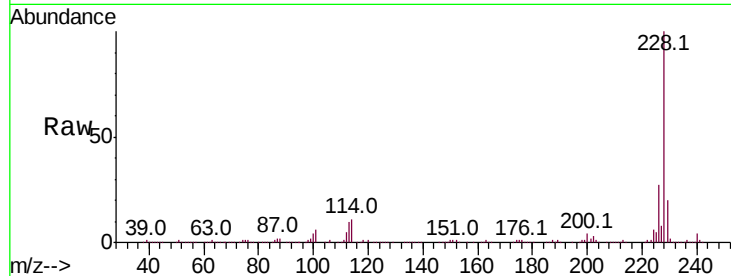
#81
Benzo(a)anthracene
Concen: 50.177 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.1	33.1
229	19.9	15.6	23.4

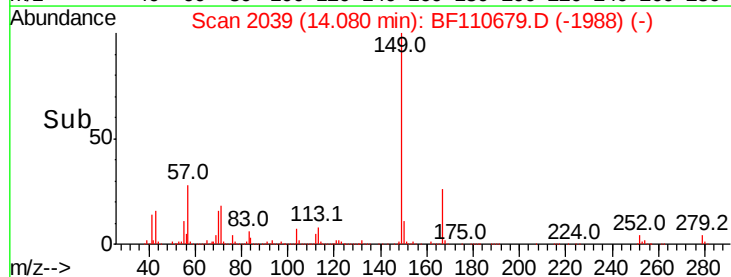
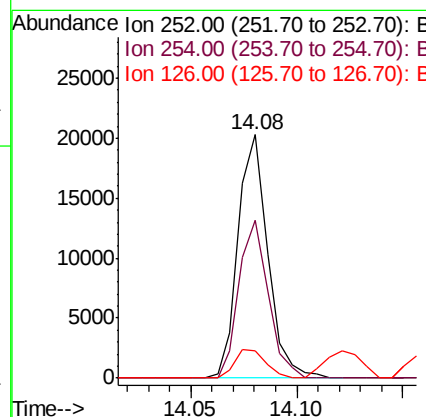
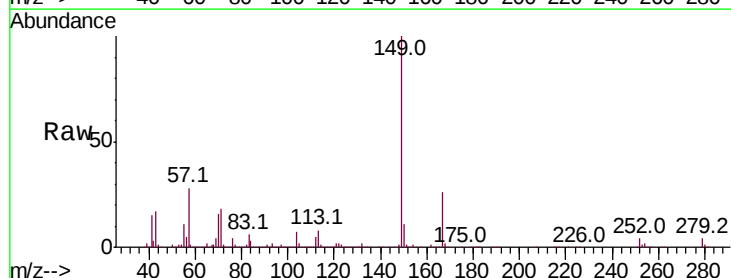
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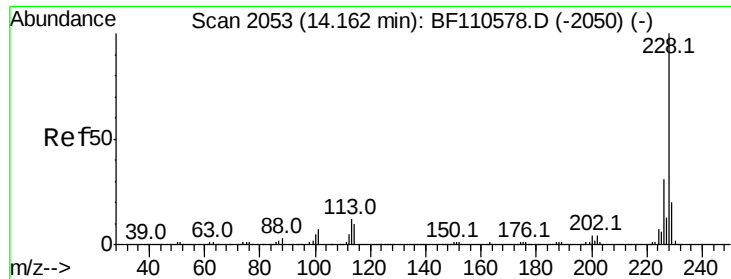
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 4.845 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	11.2	9.4	14.2





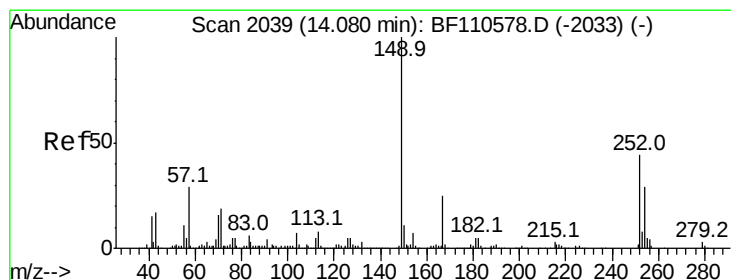
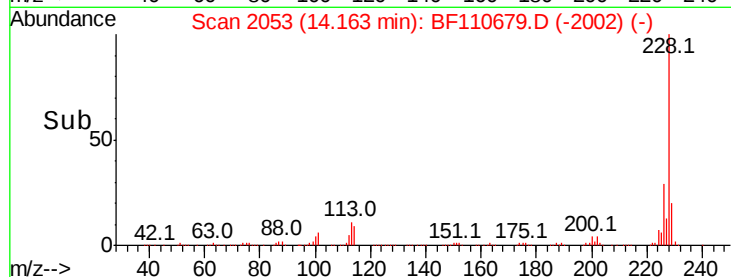
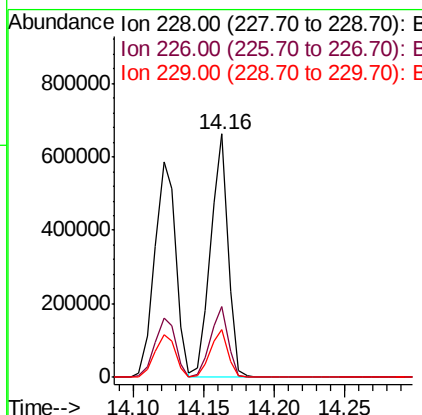
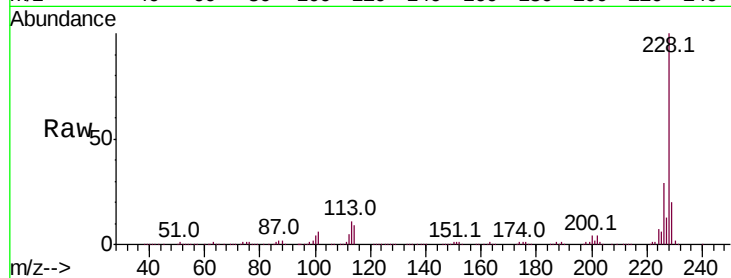
#83
Chrysene
Concen: 48.946 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.7	37.1
229	19.9	15.9	23.9

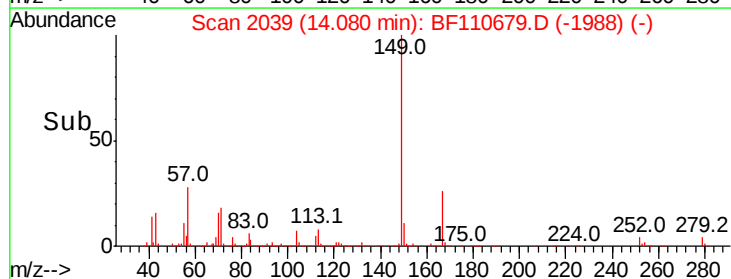
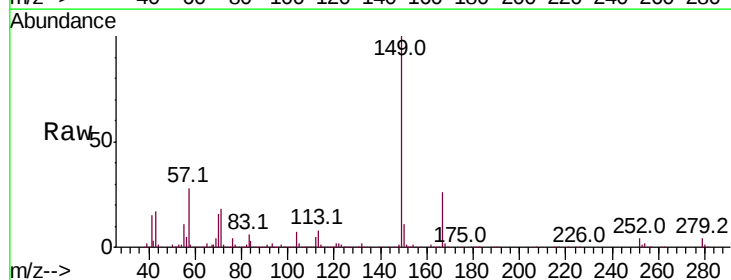
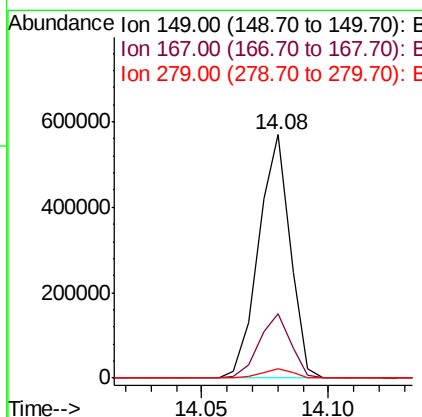
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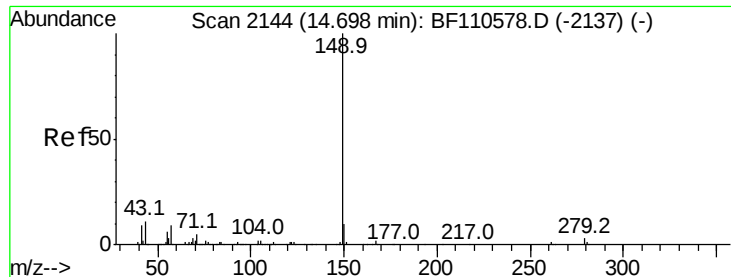
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 59.391 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	19.8	29.8
279	3.7	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 59.137 ng

RT: 14.70 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BF110679.D

Acq: 12 Nov 2018 17:27

Instrument :

BNA_F

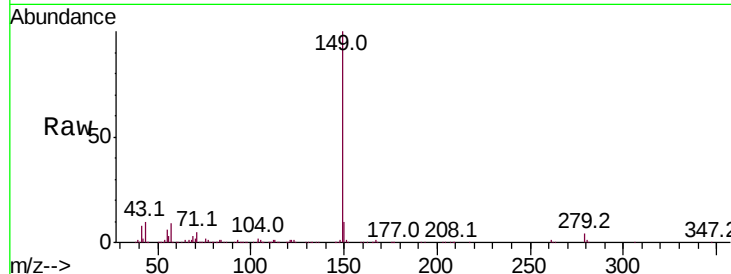
ClientSampleId :

SB-12-DMSD

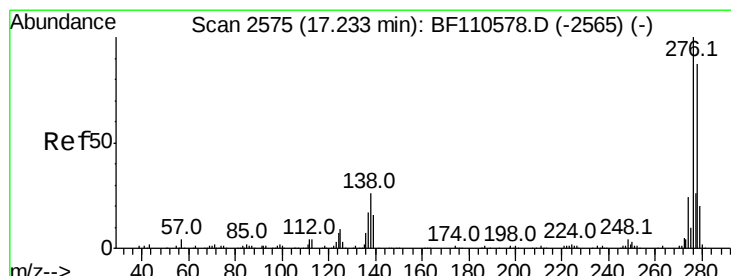
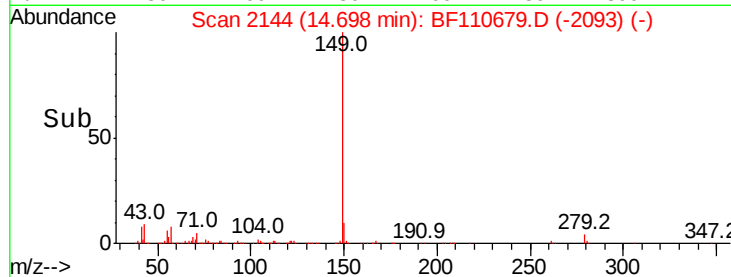
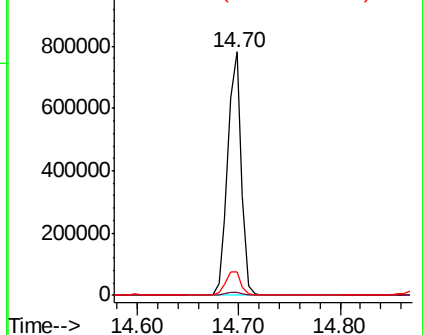
Tot Ion:	149	Resp:	726612
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.5	7.8	11.8

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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: 62.450 ng

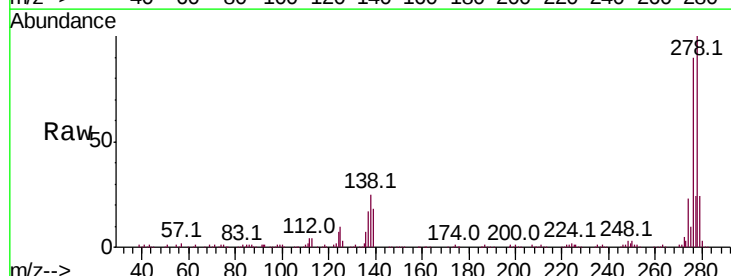
RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

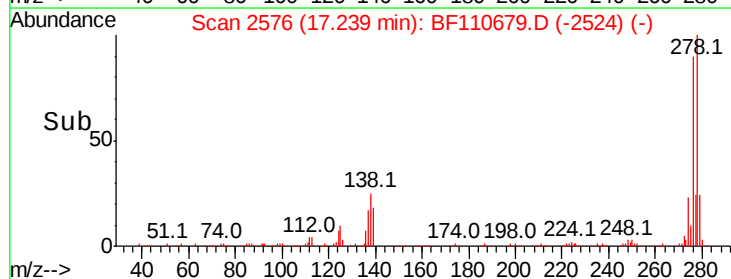
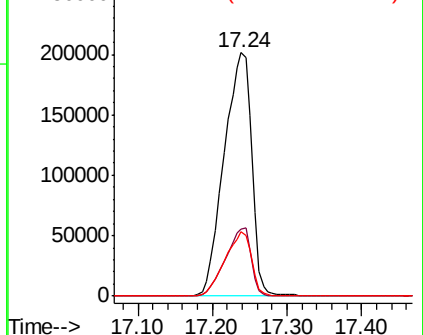
Lab File: BF110679.D

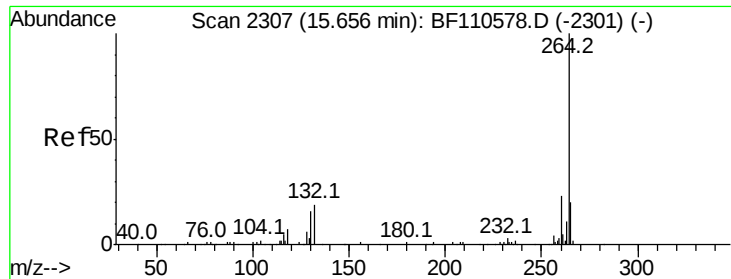
Acq: 12 Nov 2018 17:27

Tgt Ion:	276	Resp:	518631
Ion Ratio	Lower	Upper	
276	100		
138	26.0	18.5	27.7
277	25.2	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





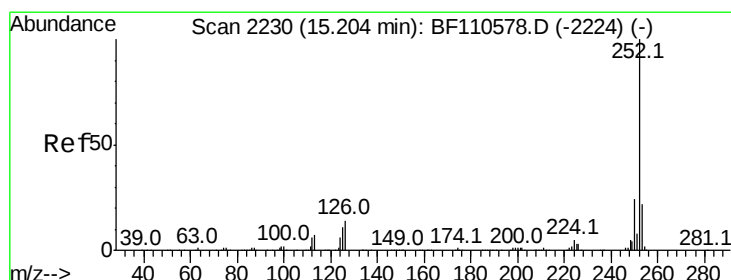
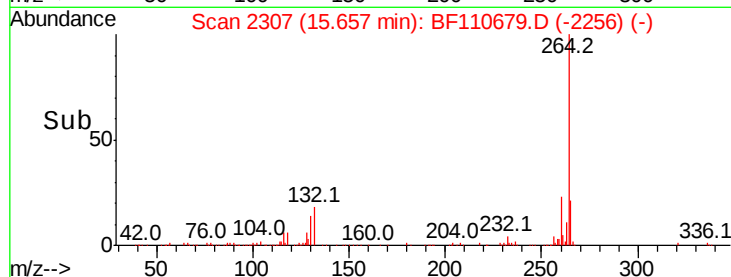
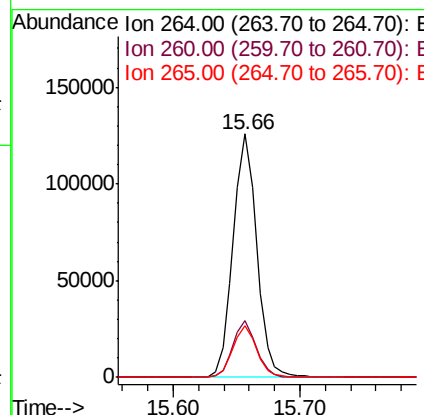
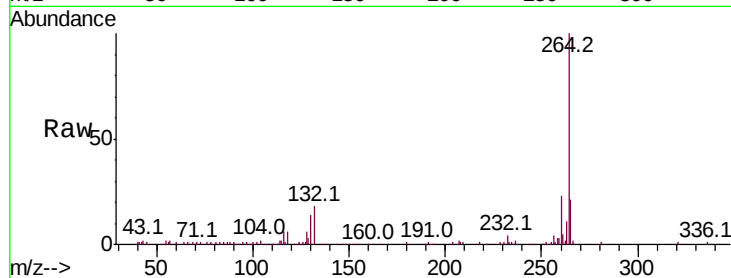
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.3	16.7	25.1

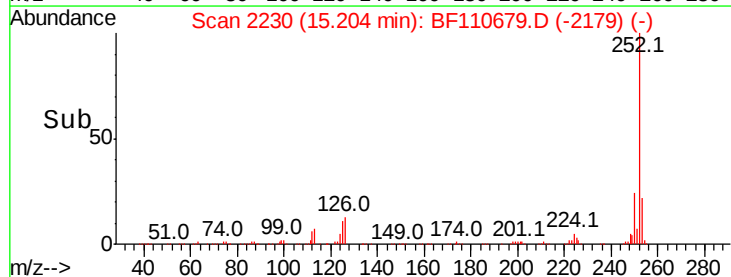
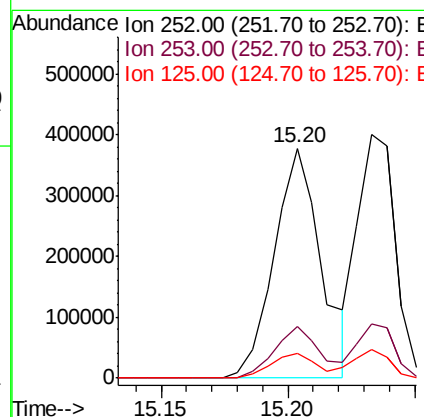
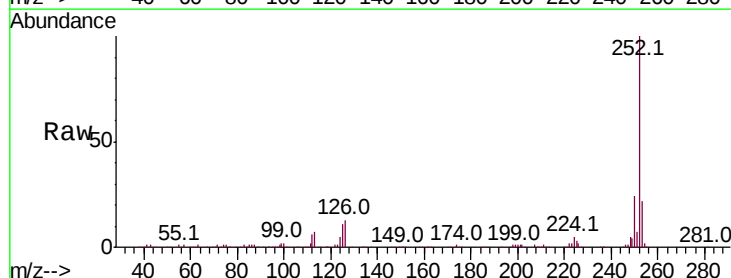
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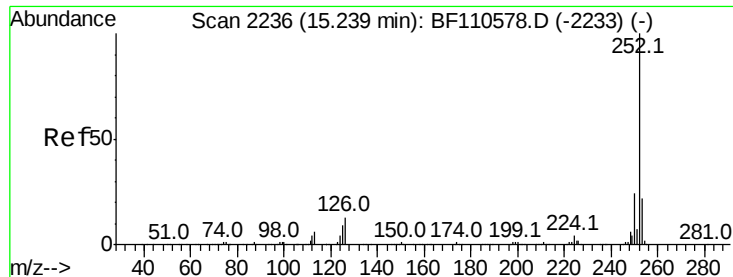
Sohil
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#88
Benzo(b)fluoranthene
Concen: 50.115 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.0	8.2	12.4





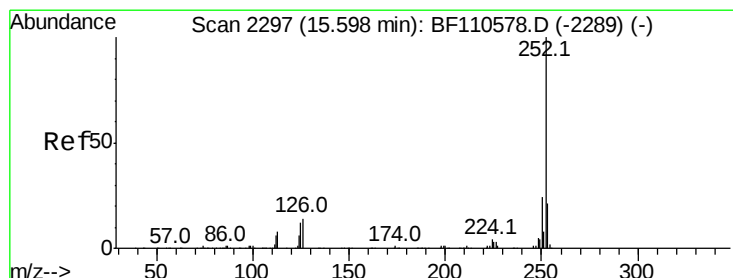
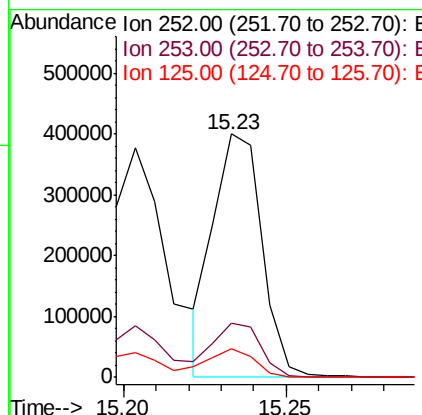
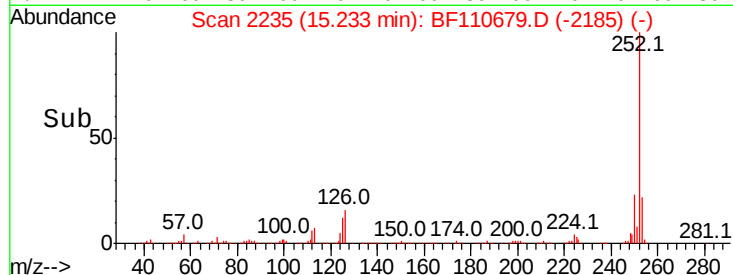
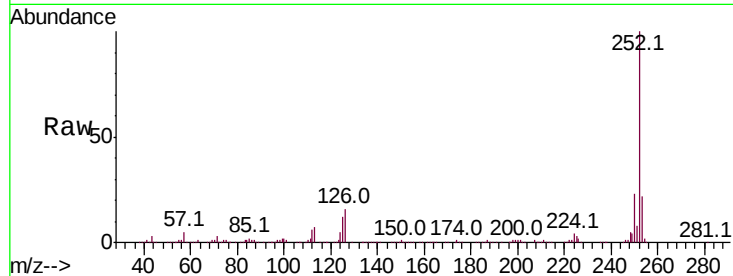
#89
Benzo(k)fluoranthene
Concen: 43.131 ng m
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.6	7.4	11.0

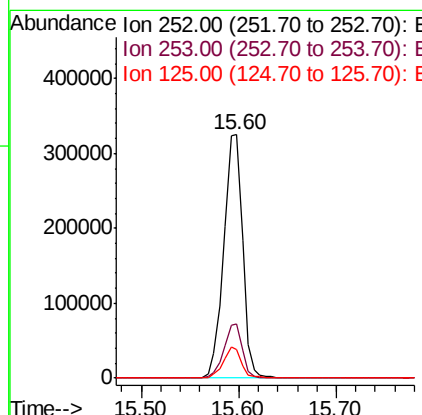
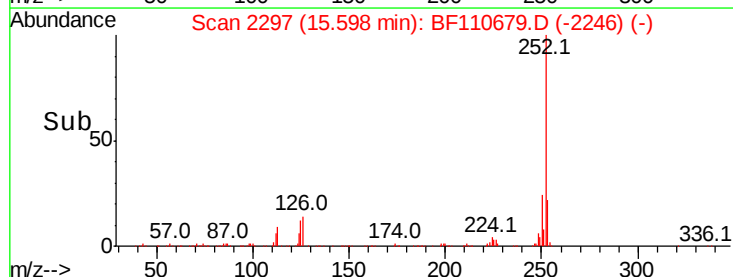
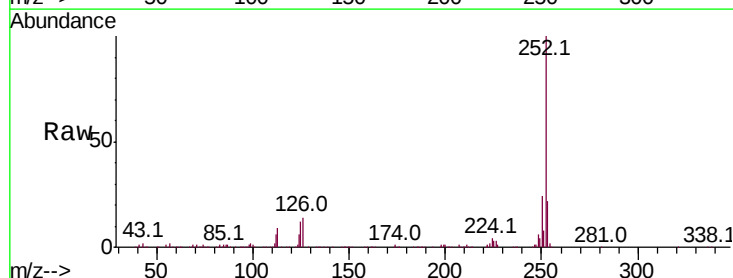
Manual Integrations
APPROVED

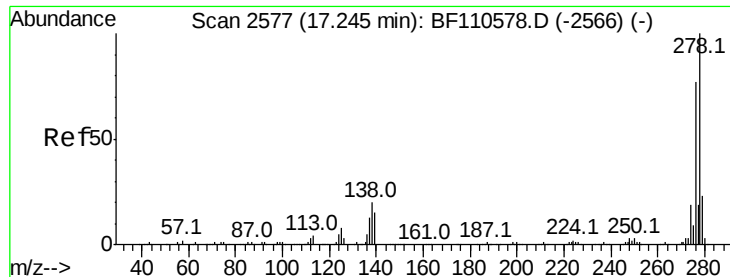
Sohil
11/13/2018 11:16:28 AM



#90
Benzo(a)pyrene
Concen: 49.478 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	11.7	9.0	13.6





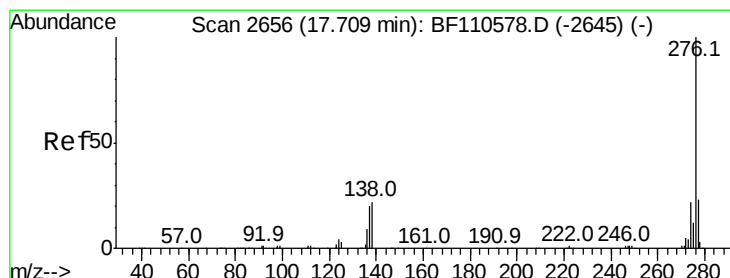
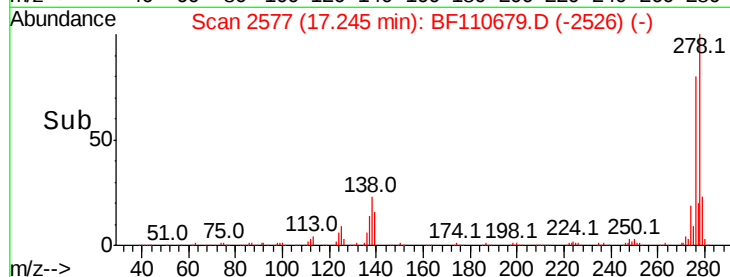
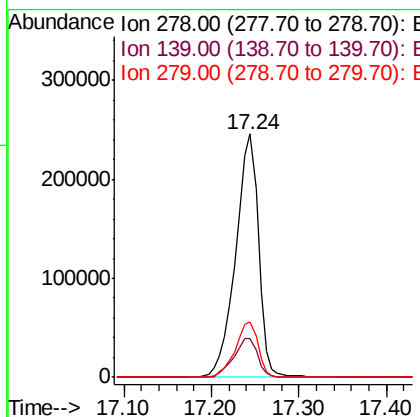
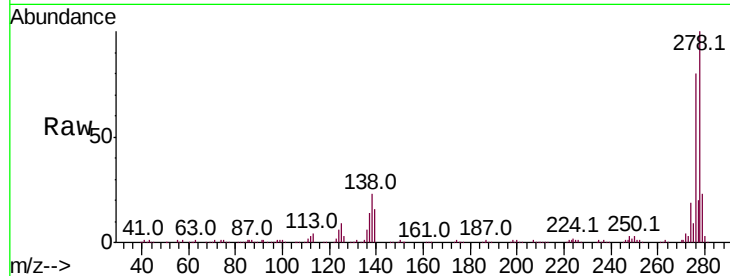
#91
Dibenzo(a,h)anthracene
Concen: 57.793 ng
RT: 17.24 min Scan# 2577
Delta R.T. 0.00 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Instrument :
BNA_F
ClientSampleId :
SB-12-DMSD

Tot Ion:	278	Resp:	432969
Ion Ratio	Lower	Upper	
278	100		
139	16.0	12.7	19.1
279	22.7	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/13/2018 11:16:28 AM



#92
Benzo(g,h,i)perylene
Concen: 59.193 ng
RT: 17.72 min Scan# 2657
Delta R.T. 0.01 min
Lab File: BF110679.D
Acq: 12 Nov 2018 17:27

Tgt Ion:	276	Resp:	439983
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.8	28.2
138	21.6	16.0	24.0

