

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110938.D
 Acq On : 21 Nov 2018 19:48
 Operator : JU/SJ
 Sample : J5981-03MS 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Manual Integrations
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 11/23/2018 11:49:18 AM

Quant Time: Nov 23 02:46:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	54553	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	203713	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	81621	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	140156	20.00	ng	0.00
76) Chrysene-d12	14.16	240	98514	20.00	ng	0.02
87) Perylene-d12	15.69	264	80585	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	109033	32.46	ng	0.00
7) Phenol-d6	6.57	99	136975	31.89	ng	0.00
23) Nitrobenzene-d5	7.51	82	79803	22.56	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	23915	29.08	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	127747	22.35	ng	0.00
79) Terphenyl-d14	13.07	244	121487	23.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	10621	6.347	ng	# 85
3) Pyridine	3.60	79	25462	7.049	ng	# 83
4) n-Nitrosodimethylamine	3.55	42	13904	8.971	ng	# 91
6) Aniline	6.61	93	20412	3.645	ng	# 74
8) 2-Chlorophenol	6.73	128	36769	9.339	ng	98
9) Benzaldehyde	6.51	77	15886	4.736	ng	91
10) Phenol	6.59	94	66479	13.349	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	34655	9.286	ng	98
12) 1,3-Dichlorobenzene	6.88	146	36969	8.582	ng	97
13) 1,4-Dichlorobenzene	6.96	146	39402	9.007	ng	98
14) 1,2-Dichlorobenzene	7.11	146	36304	8.921	ng	97
15) Benzyl Alcohol	7.09	79	28982	8.623	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	51608	8.805	ng	83
17) 2-Methylphenol	7.20	107	29395	9.381	ng	# 86
18) Hexachloroethane	7.45	117	9854	6.102	ng	95
19) n-Nitroso-di-n-propylamine	7.34	70	23968	8.743	ng	92
20) 3+4-Methylphenols	7.36	107	50153	12.469	ng	# 70
22) Acetophenone	7.35	105	49803	10.490	ng	# 88
24) Nitrobenzene	7.53	77	36678	10.120	ng	96
25) Isophorone	7.76	82	61394	10.589	ng	98
26) 2-Nitrophenol	7.85	139	13088	7.239	ng	95
27) 2,4-Dimethylphenol	7.87	122	33464	12.153	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	40298	10.266	ng	99
29) 2,4-Dichlorophenol	8.10	162	26786	9.454	ng	97
30) 1,2,4-Trichlorobenzene	8.17	180	29800	9.329	ng	96
31) Naphthalene	8.25	128	1047711	109.556	ng	100
32) Benzoic acid	8.02	122	5716	2.934	ng	# 30
33) 4-Chloroaniline	8.31	127	20011	4.620	ng	97
34) Hexachlorobutadiene	8.35	225	16576	9.085	ng	98
35) Caprolactam	8.65	113	7439	7.859	ng	# 80
36) 4-Chloro-3-methylphenol	8.79	107	27057	8.855	ng	96
37) 2-Methylnaphthalene	8.94	142	229189	36.558	ng	98
38) 1-Methylnaphthalene	9.04	142	209533	34.754	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	24982	9.669	ng	99

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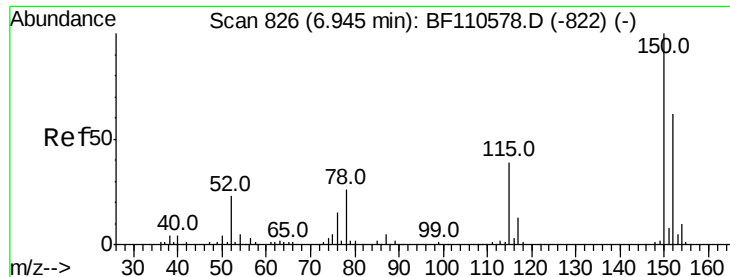
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.23	196	15409	9.491	nq	94
44) 2,4,5-Trichlorophenol	9.28	196	16196	9.352	nq	97
46) 1,1'-Biphenyl	9.40	154	173992	22.851	nq	99
47) 2-Chloronaphthalene	9.43	162	53176	9.694	nq	99
48) 2-Nitroaniline	9.54	65	20487	12.120	nq	92
49) Acenaphthylene	9.85	152	895141	113.312	nq	97
50) Dimethylphthalate	9.69	163	83729	13.748	nq #	99
51) 2,6-Dinitrotoluene	9.77	165	10095	7.535	nq #	86
52) Acenaphthene	10.02	154	239479	47.969	nq	99
53) 3-Nitroaniline	9.95	138	11732	7.558	nq #	95
55) Dibenzofuran	10.20	168	753307	103.133	nq	98
56) 4-Nitrophenol	10.14	139	13773	13.375	nq	96
57) 2,4-Dinitrotoluene	10.20	165	13962	8.015	nq #	1
58) Fluorene	10.55	166	1041992	185.726	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	12383	9.089	nq #	76
60) Diethylphthalate	10.39	149	66364	11.014	nq	98
61) 4-Chlorophenyl-phenylether	10.52	204	26082	8.979	nq	96
62) 4-Nitroaniline	10.57	138	15613	9.989	nq	95
63) Azobenzene	10.68	77	54997	9.356	nq #	82
66) n-Nitrosodiphenylamine	10.64	169	51282	10.855	nq	96
67) 4-Bromophenyl-phenylether	11.02	248	14590	9.419	nq	92
68) Hexachlorobenzene	11.10	284	15146	9.274	nq #	90
69) Atrazine	11.17	200	15175	10.506	nq	94
70) Pentachlorophenol	11.31	266	9371	10.754	nq #	87
71) Phenanthrene	11.54	178	4371623	582.197	nq	97
72) Anthracene	11.59	178	1989532	262.659	nq	99
73) Carbazole	11.72	167	481897	66.246	nq	99
74) Di-n-butylphthalate	12.03	149	89183	10.455	nq #	95
75) Fluoranthene	12.74	202	4654009	618.217	nq	97
77) Benzidine	12.84	184	26796	9.891	nq	98
78) Pyrene	12.97	202	3731227	491.899	nq	98
80) Butylbenzylphthalate	13.53	149	42148	12.910	nq	95
81) Benzo(a)anthracene	14.15	228	1986368	337.343	nq #	89
82) 3,3'-Dichlorobenzidine	14.10	252	16041	8.132	nq #	98
83) Chrysene	14.19	228	1394680m	248.616	nq	
84) Bis(2-ethylhexyl)phthalate	14.09	149	60028	14.821	nq #	94
85) Di-n-octyl phthalate	14.70	149	96065	16.130	nq	97
86) Indeno(1,2,3-cd)pyrene	17.30	276	609652	151.446	nq	96
88) Benzo(b)fluoranthene	15.24	252	1606316m	333.200	nq	
89) Benzo(k)fluoranthene	15.27	252	400135m	83.999	nq	
90) Benzo(a)pyrene	15.64	252	1040359	237.519	nq	97
91) Dibenzo(a,h)anthracene	17.29	278	182843	49.328	nq	94
92) Benzo(g,h,i)perylene	17.79	276	503632	136.943	nq	98

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



#1

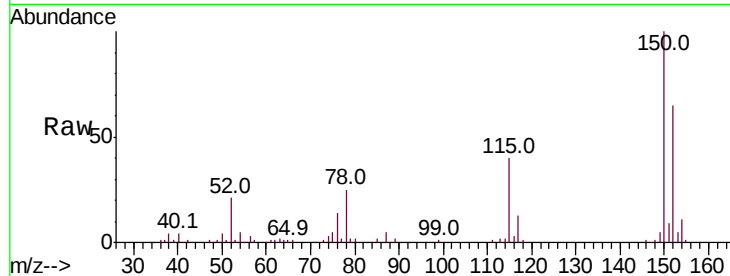
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.7	184.1
115	62.0	49.1	73.7

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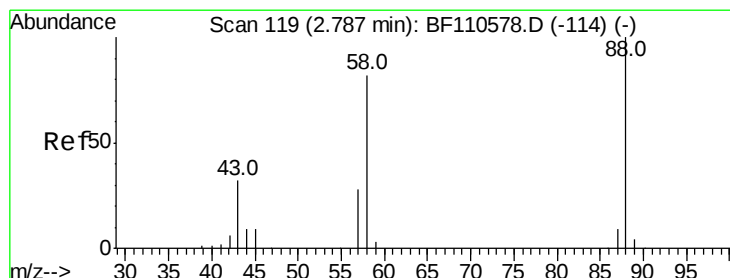
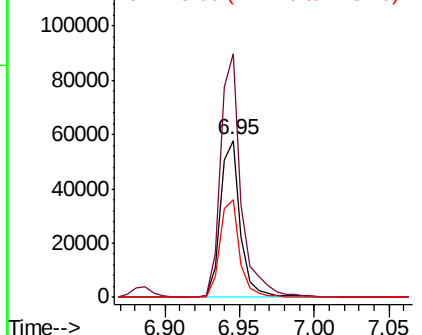
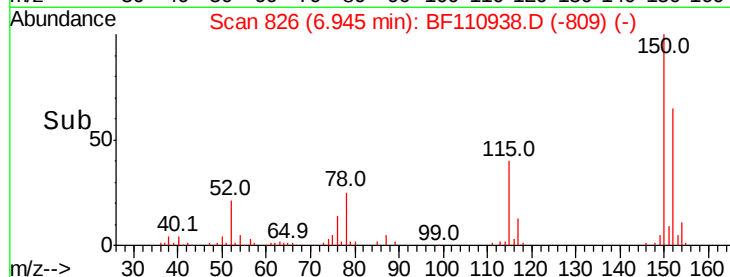


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

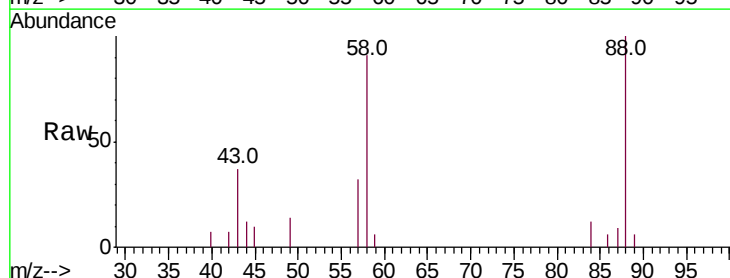
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 6.347 ng
RT: 2.76 min Scan# 114
Delta R.T. -0.03 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	57.1	85.7
43	40.0	24.1	36.1

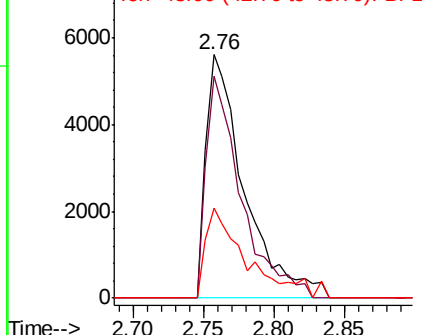
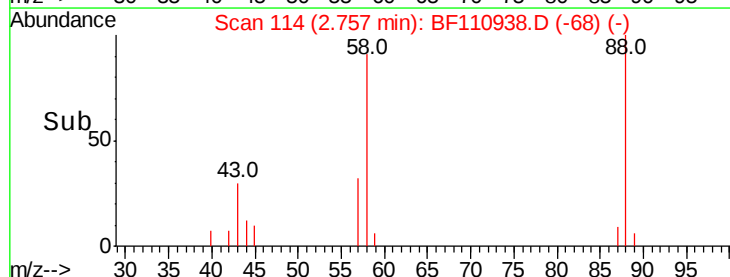


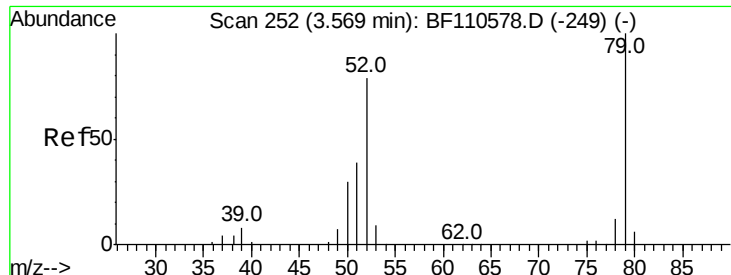
Abundance

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





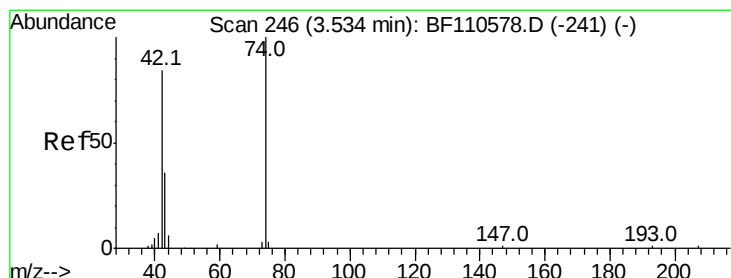
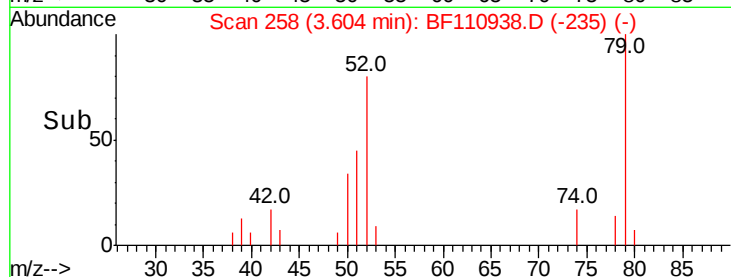
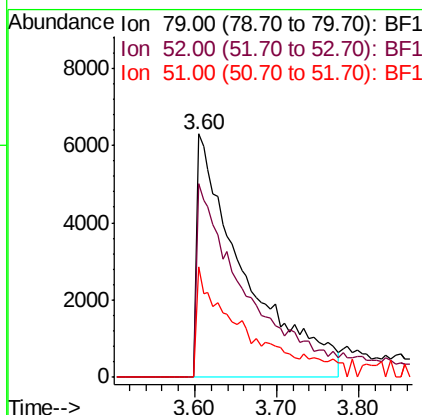
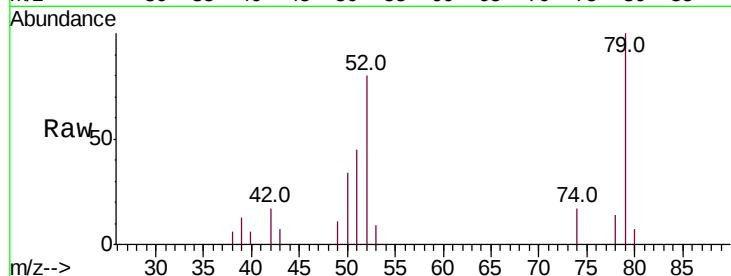
#3
 Pvridine
 Concen: 7.049 ng
 RT: 3.60 min Scan# 258
 Delta R.T. 0.04 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.8	53.1	79.7#
51	45.2	27.4	41.2#

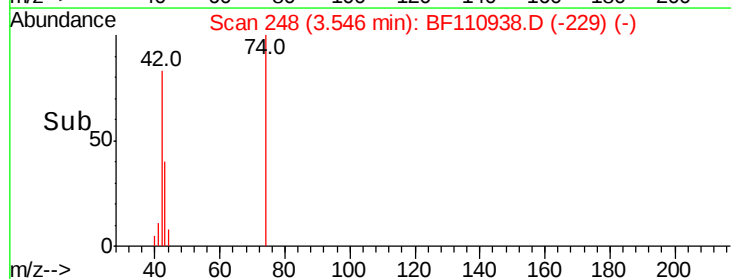
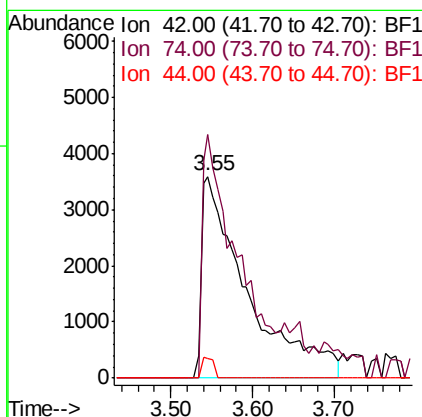
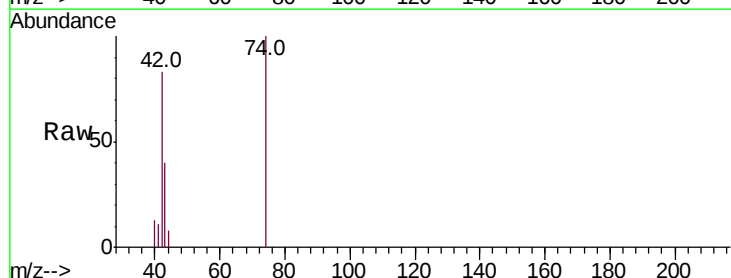
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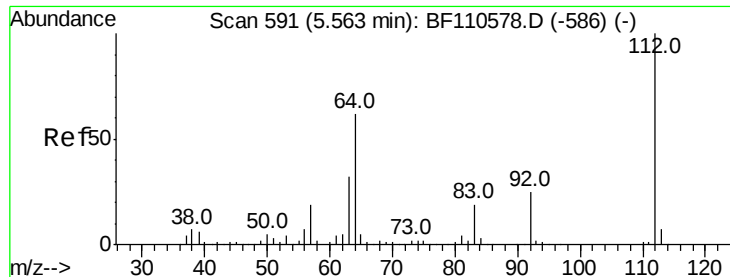
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#4
 n-Nitrosodimethylamine
 Concen: 8.971 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.9	105.5	158.3
44	9.8	4.9	7.3#





#5

2-Fluorophenol

Concen: 32.465 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

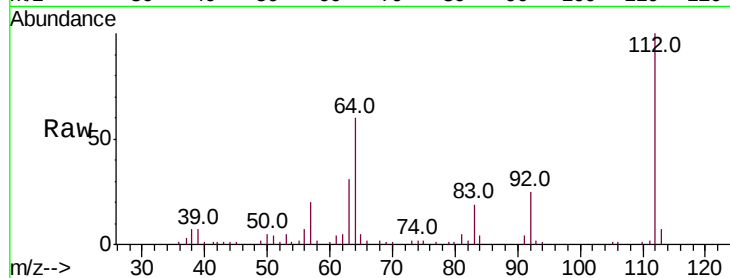
ClientSampleId :

DTW-02(11-13)MS

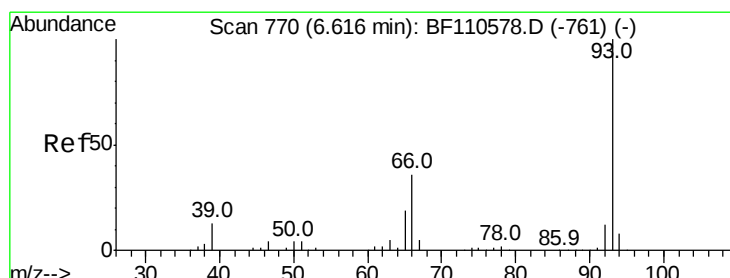
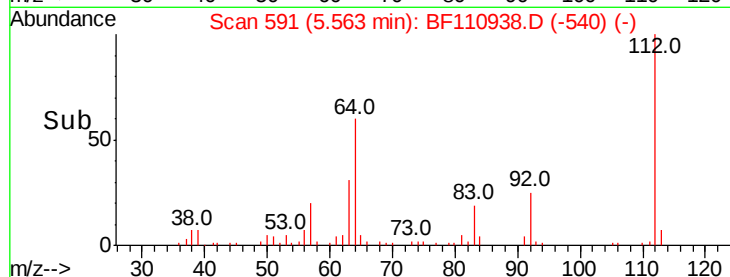
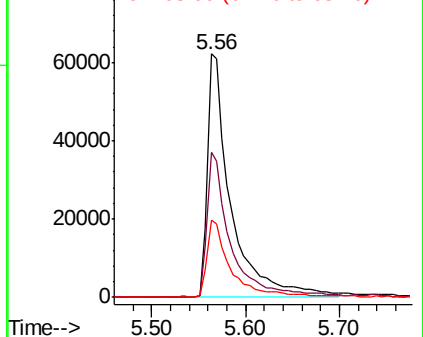
Tot Ion:	112	Resp:	109033
Ion Ratio	Lower	Upper	
112	100		
64	59.6	44.1	66.1
63	31.5	23.7	35.5

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



#6

Aniline

Concen: 3.645 ng

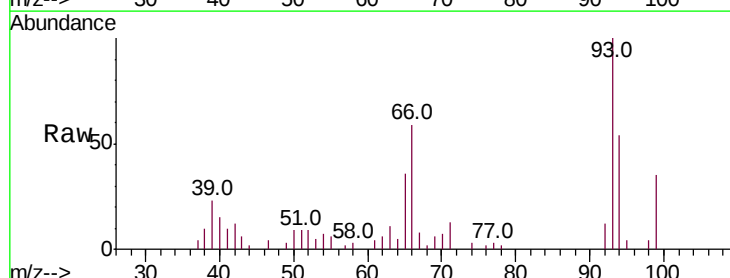
RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

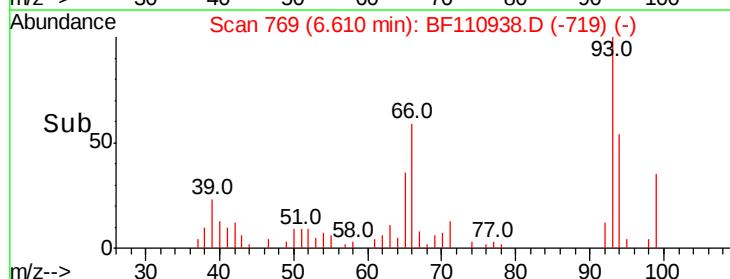
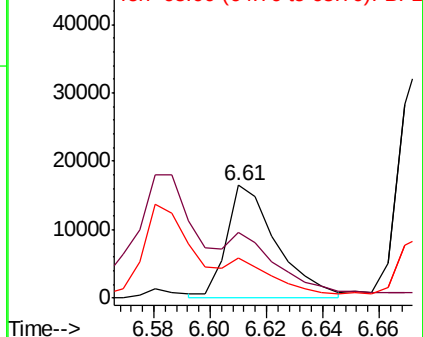
Lab File: BF110938.D

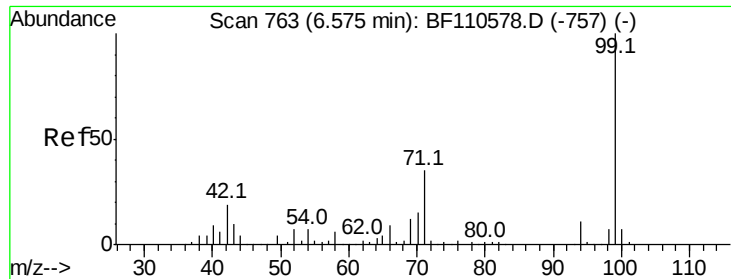
Acq: 21 Nov 2018 19:48

Tgt Ion:	93	Resp:	20412
Ion Ratio	Lower	Upper	
93	100		
66	58.9	67.4	101.0#
65	36.2	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 31.894 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

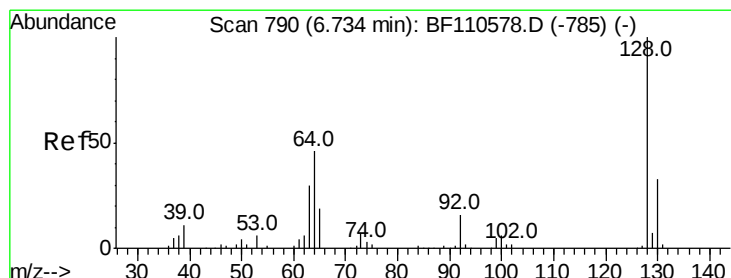
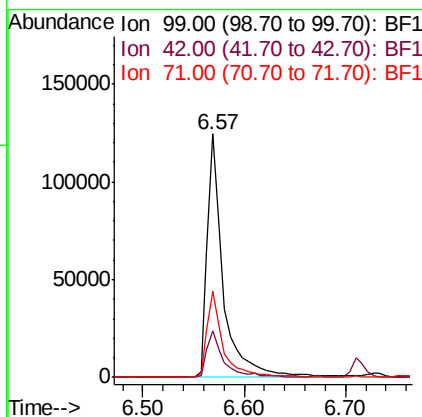
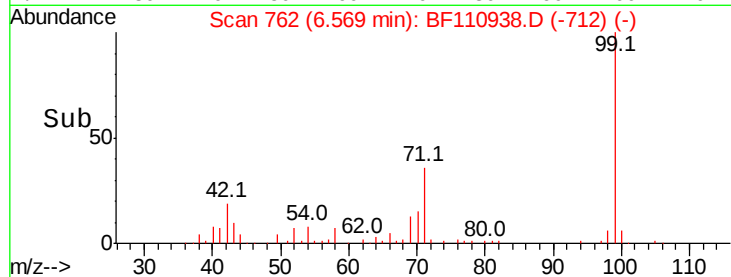
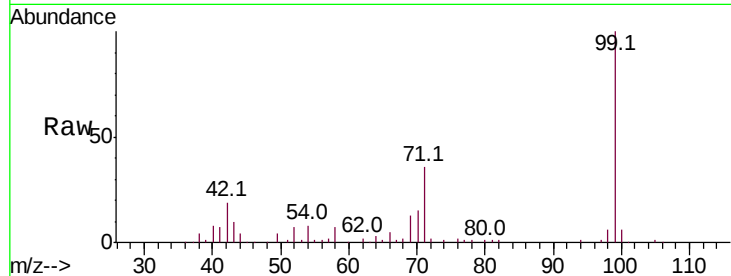
ClientSampleId :

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Tot Ion:	99	Resp:	136975
Ion Ratio	Lower	Upper	
99	100		
42	19.0	15.8	23.6
71	35.6	28.0	42.0

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#8

2-Chlorophenol

Concen: 9.339 ng

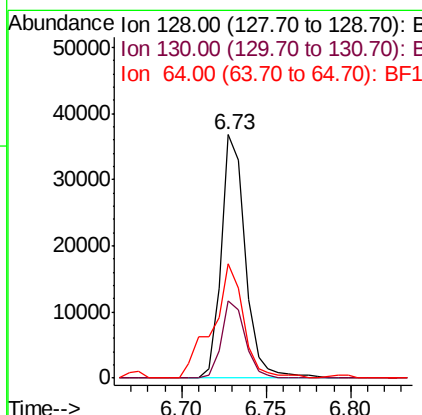
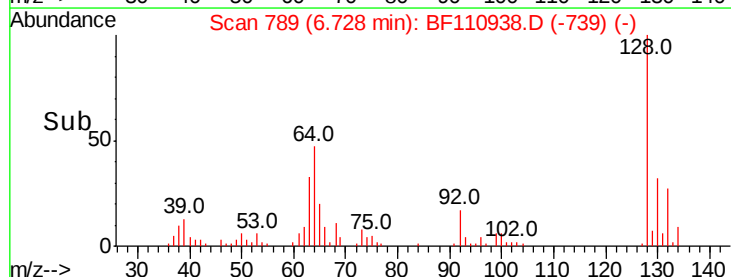
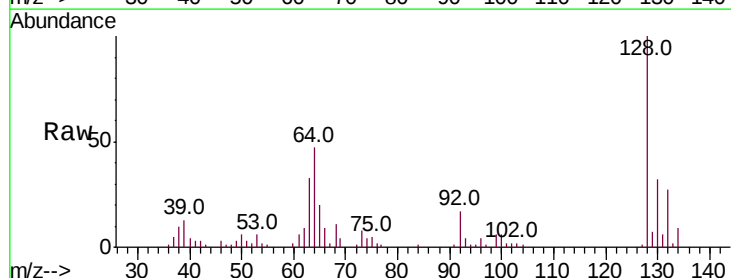
RT: 6.73 min Scan# 789

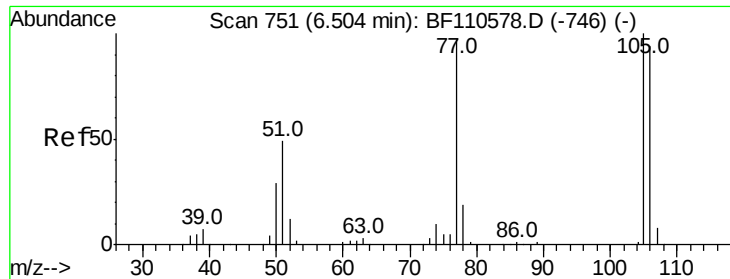
Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Tgt Ion:	128	Resp:	36769
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.1	53.1
64	47.2	26.0	66.0





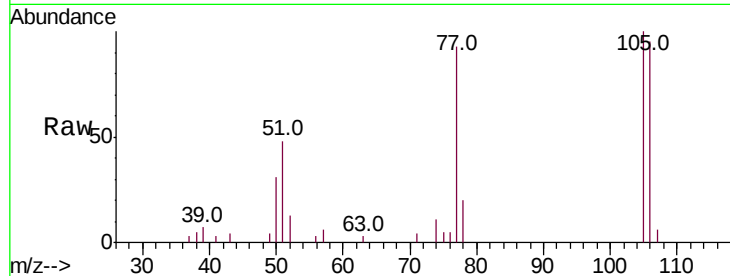
#9
Benzaldehyde
Concen: 4.736 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

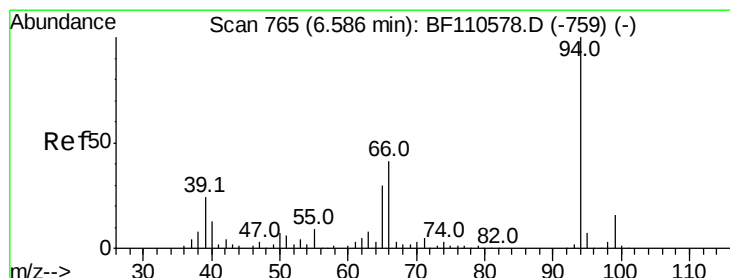
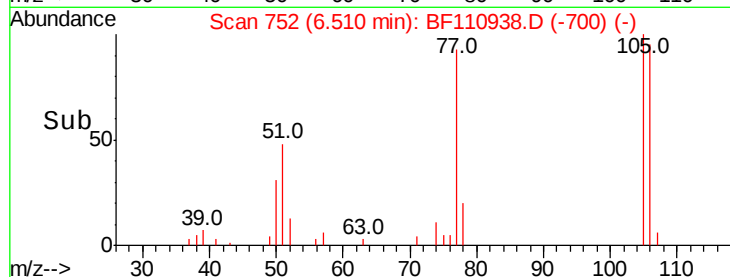
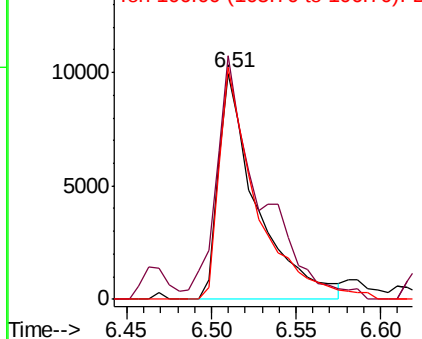
Tot Ion: 77 Resp: 15886
Ion Ratio Lower Upper
77 100
105 107.6 78.6 118.6
106 102.6 74.8 114.8

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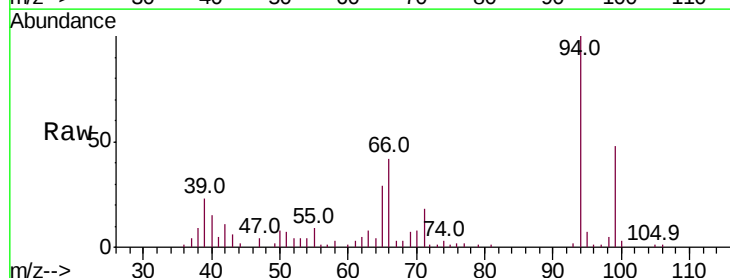


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

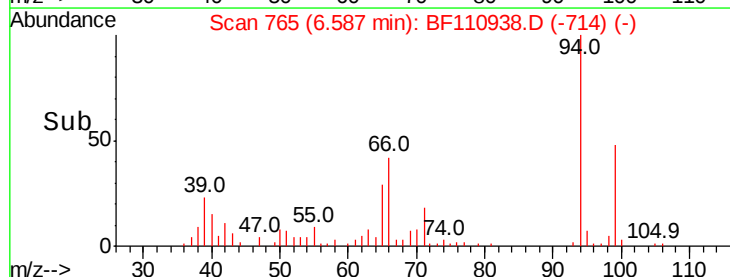
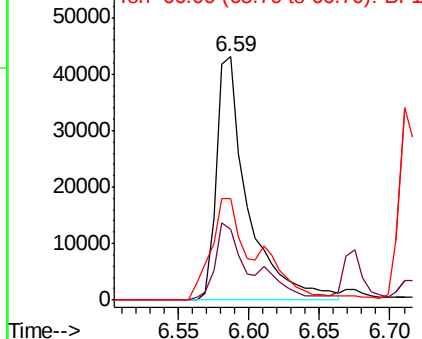


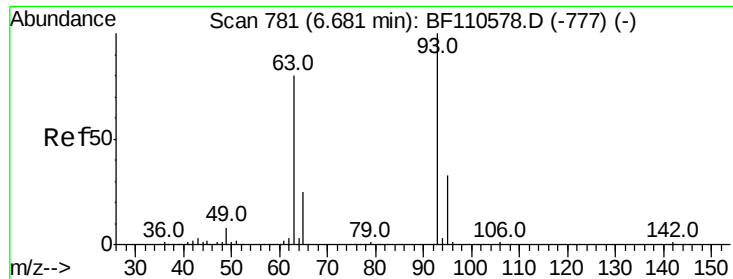
#10
Phenol
Concen: 13.349 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion: 94 Resp: 66479
Ion Ratio Lower Upper
94 100
65 28.9 25.3 65.3
66 41.7 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





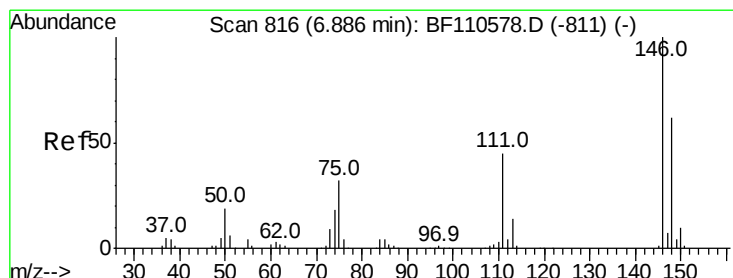
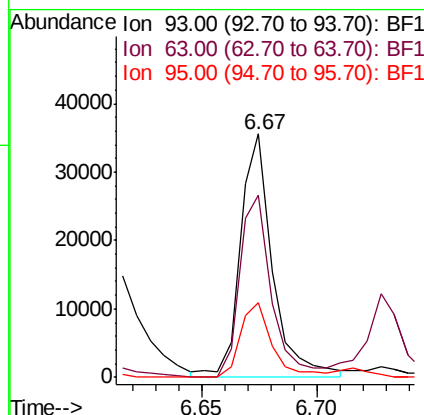
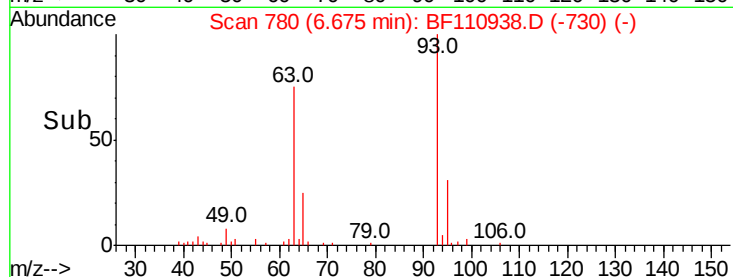
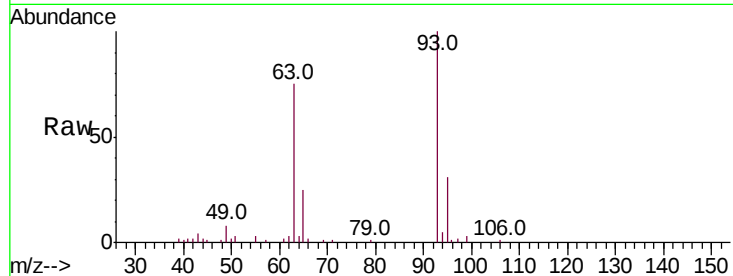
#11
bis(2-Chloroethyl)ether
Concen: 9.286 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion:	93	Resp:	34655
Ion Ratio	Lower	Upper	
93	100		
63	74.8	53.4	93.4
95	30.8	12.1	52.1

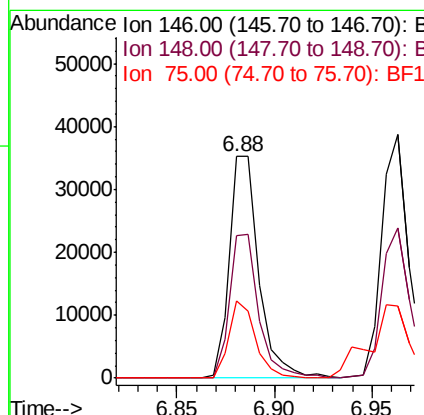
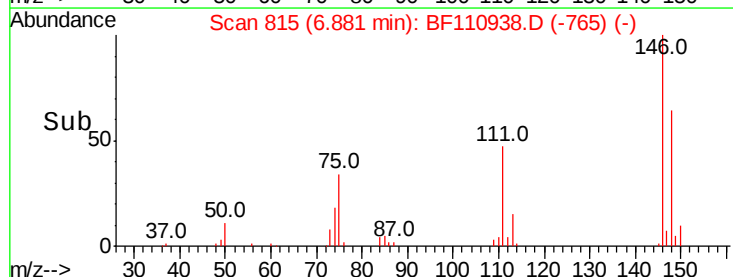
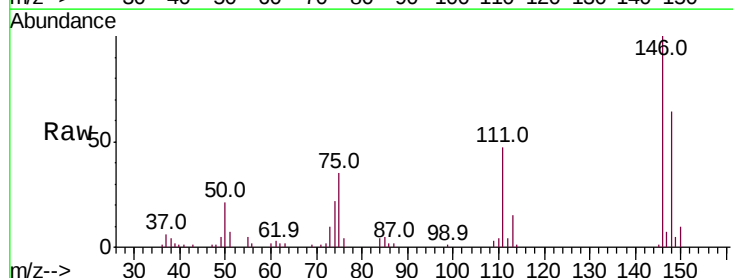
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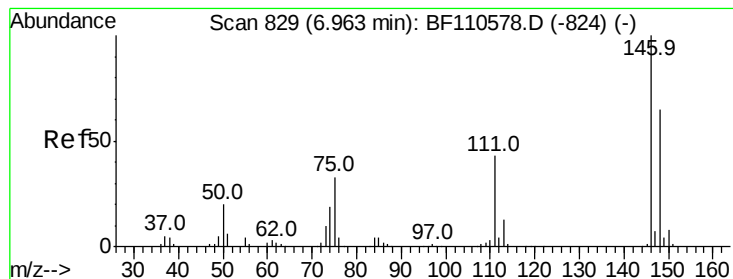
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#12
1,3-Dichlorobenzene
Concen: 8.582 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion:	146	Resp:	36969
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.4	75.6
75	35.0	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 9.007 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

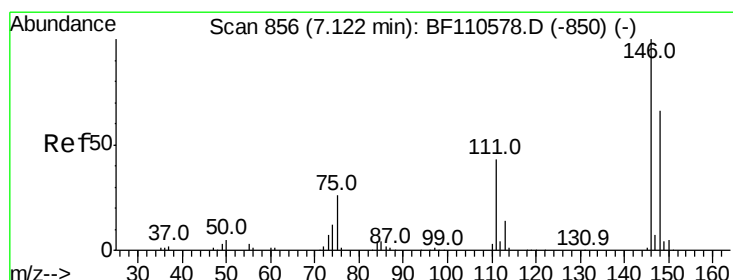
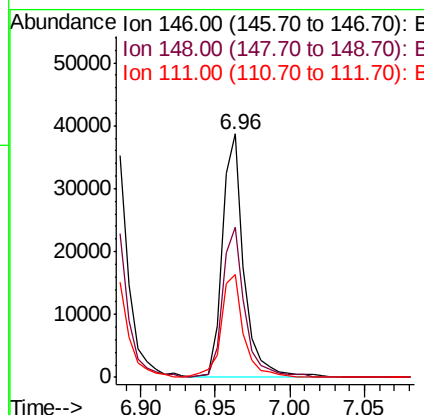
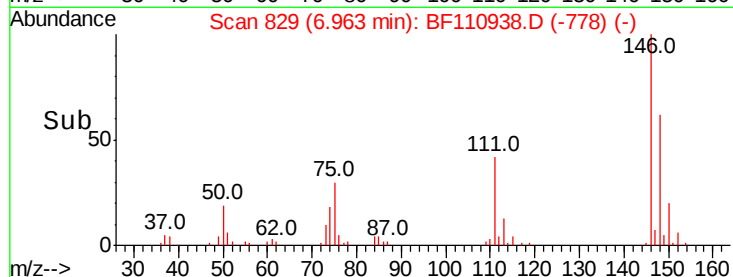
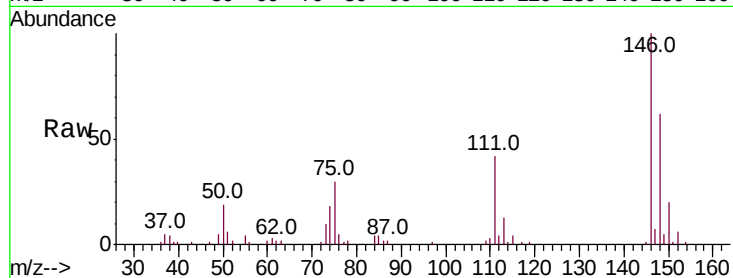
ClientSampleId :

DTW-02(11-13)MS

Tot Ion:	146	Resp:	39402
Ion Ratio	Lower	Upper	
146	100		
148	61.9	50.3	75.5
111	42.3	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 8.921 ng

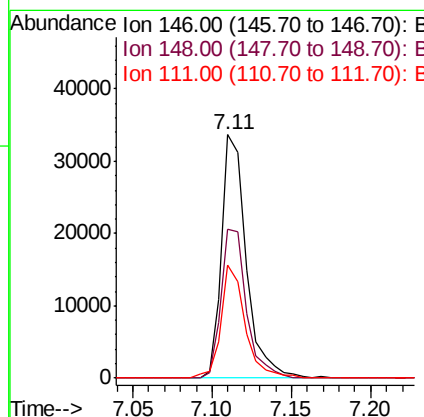
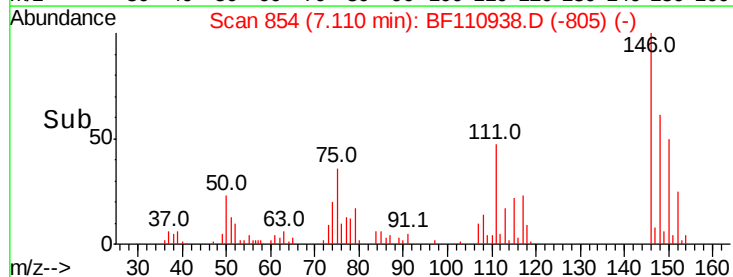
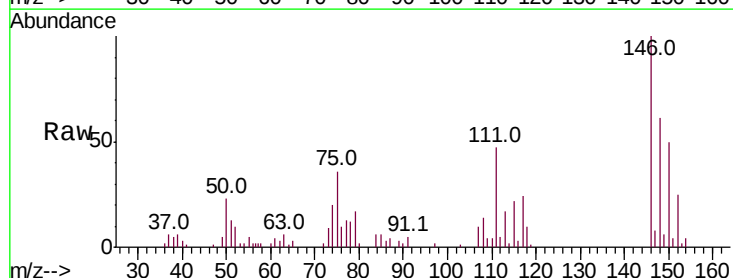
RT: 7.11 min Scan# 854

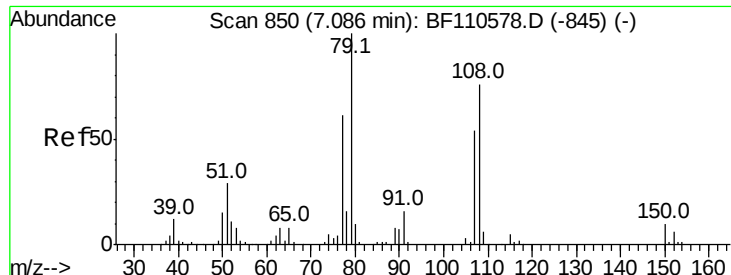
Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Tgt Ion:	146	Resp:	36304
Ion Ratio	Lower	Upper	
146	100		
148	61.1	51.1	76.7
111	46.6	35.8	53.6





#15

Benzyl Alcohol

Concen: 8.623 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

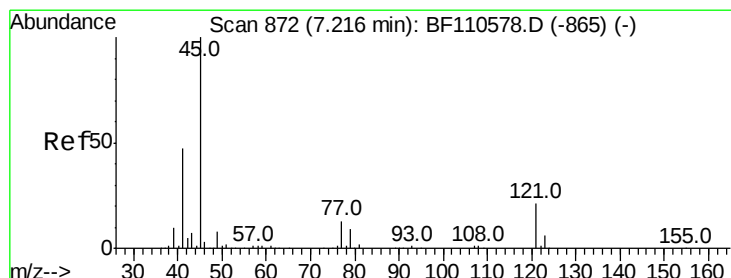
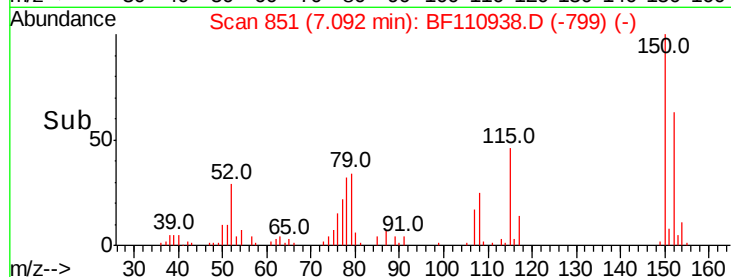
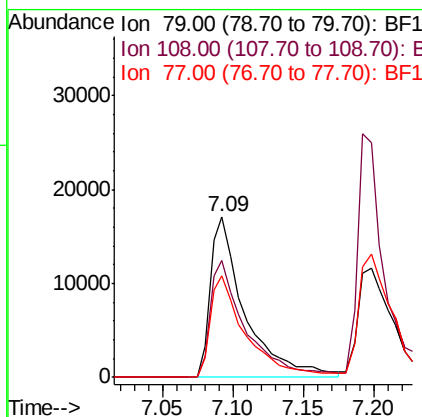
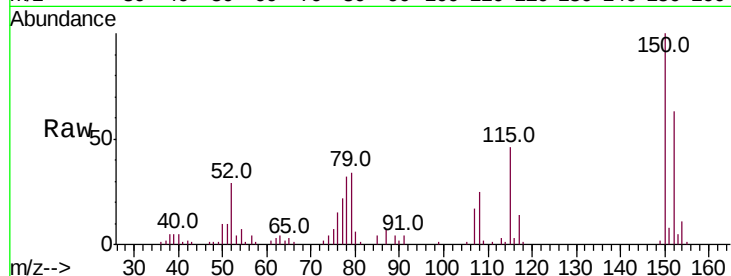
ClientSampleId :

DTW-02(11-13)MS

Tot Ion:	79	Resp:	28982
Ion Ratio	Lower	Upper	
79	100		
108	72.8	56.3	84.5
77	63.2	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 8.805 ng

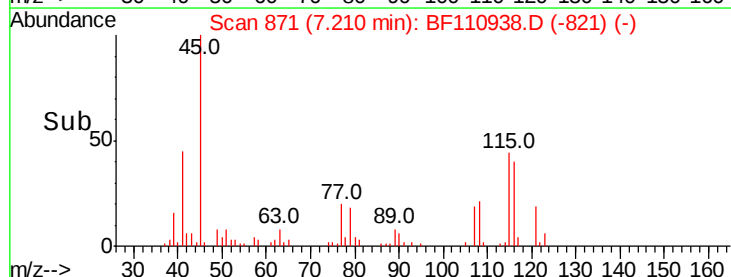
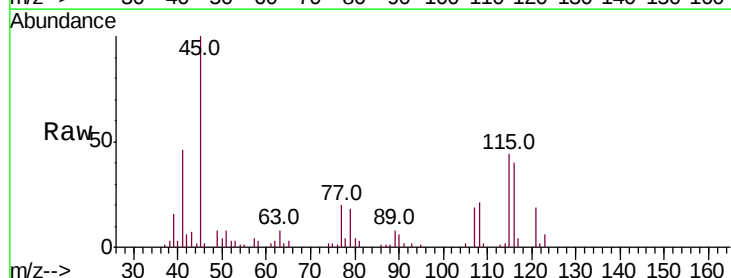
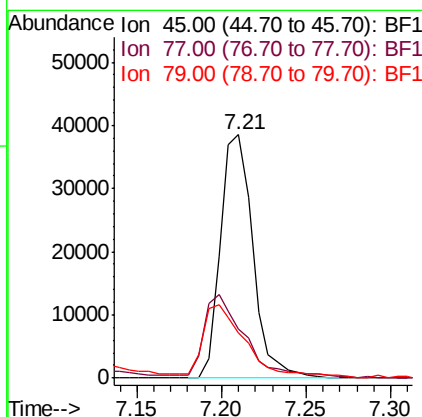
RT: 7.21 min Scan# 871

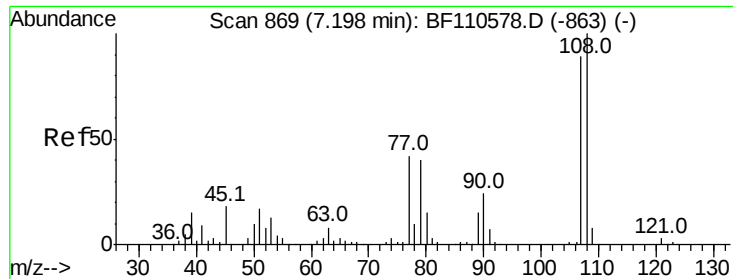
Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Tgt Ion:	45	Resp:	51608
Ion Ratio	Lower	Upper	
45	100		
77	20.3	10.0	50.0
79	18.5	6.1	46.1





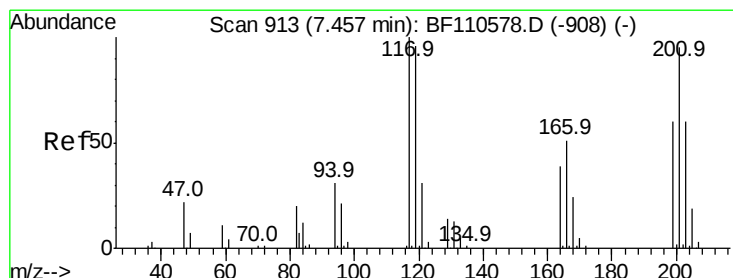
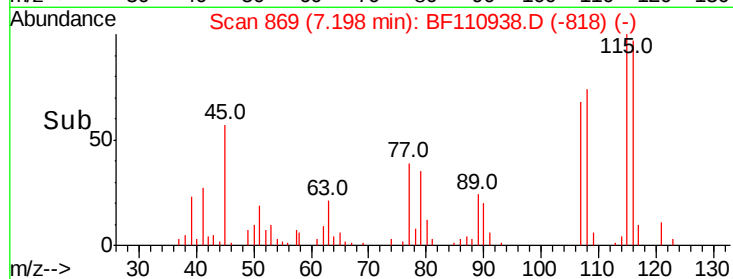
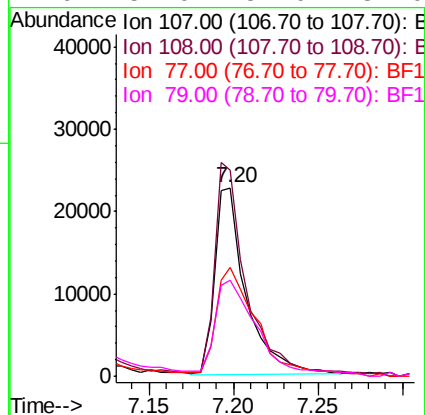
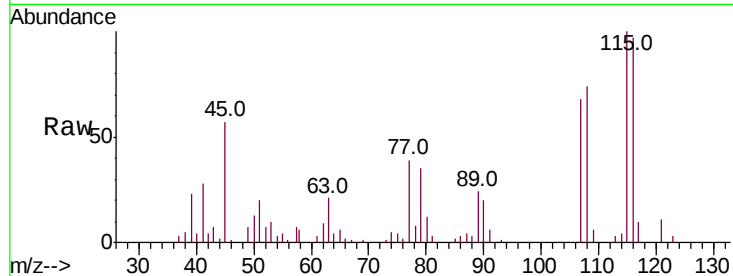
#17
2-Methylphenol
Concen: 9.381 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.1	92.6	138.8
77	57.6	59.4	89.2#
79	51.0	54.0	81.0#

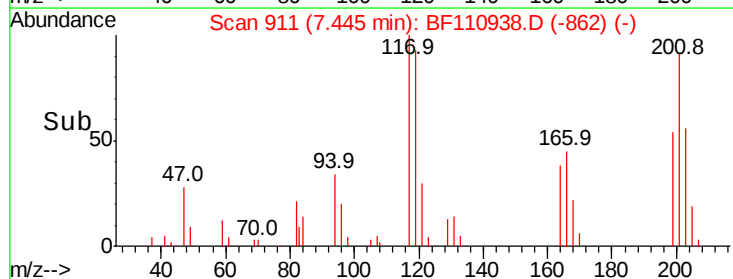
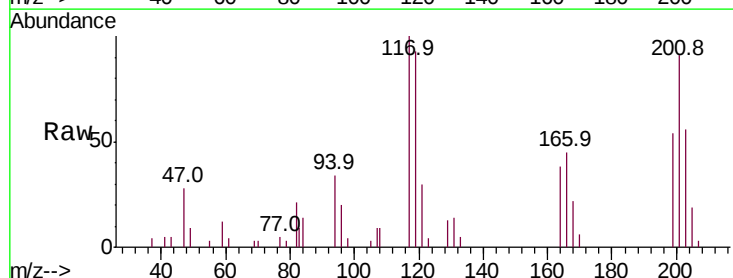
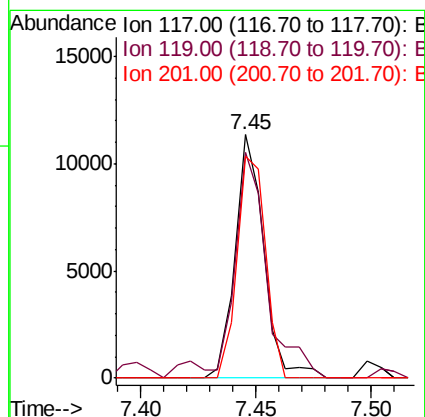
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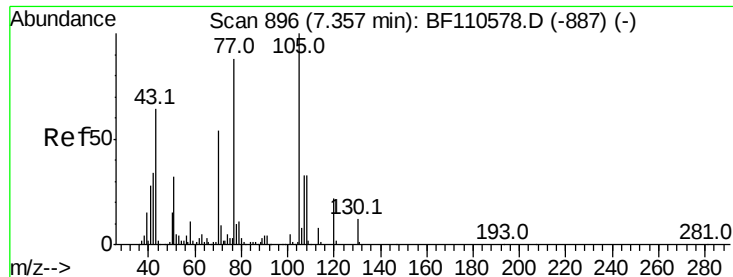
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#18
Hexachloroethane
Concen: 6.102 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	75.0	112.6
201	91.0	79.2	118.8





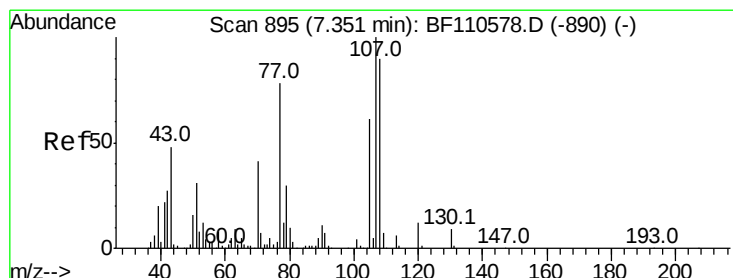
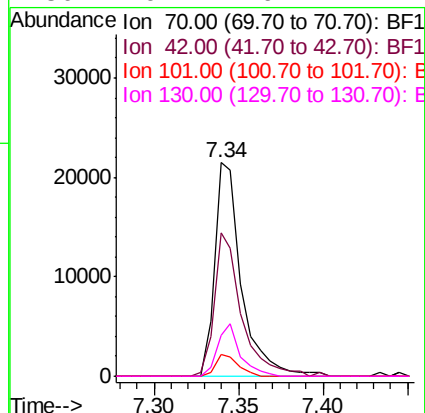
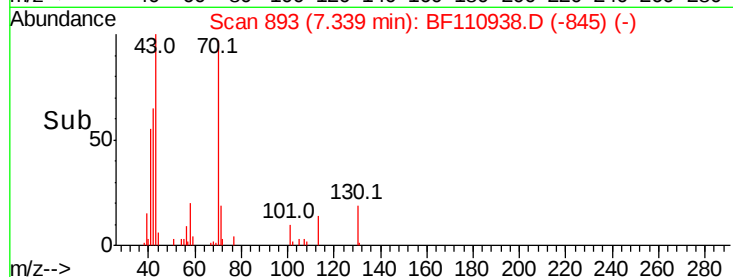
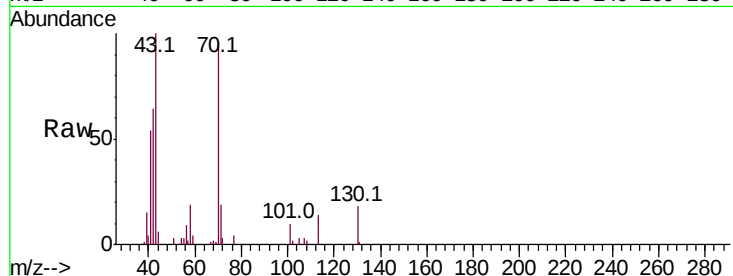
#19
n-Nitroso-di-n-propylamine
Concen: 8.743 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.3	47.4	71.2
101	10.3	7.3	10.9
130	19.1	16.2	24.2

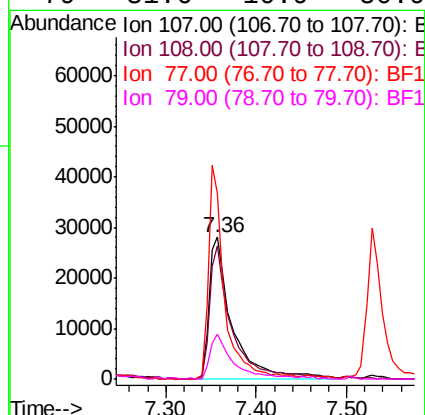
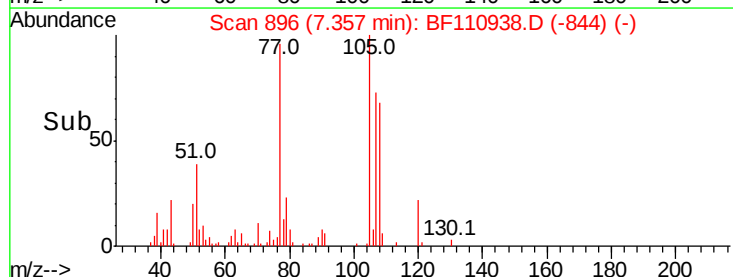
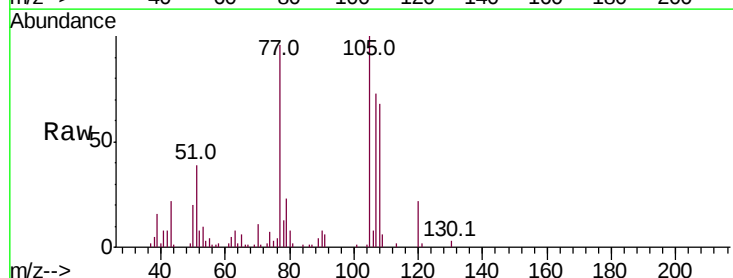
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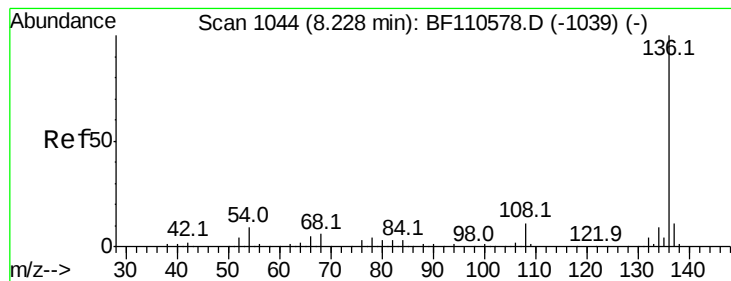
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#20
3+4-Methylphenols
Concen: 12.469 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	71.4	111.4
77	131.2	47.3	87.3#
79	31.6	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: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

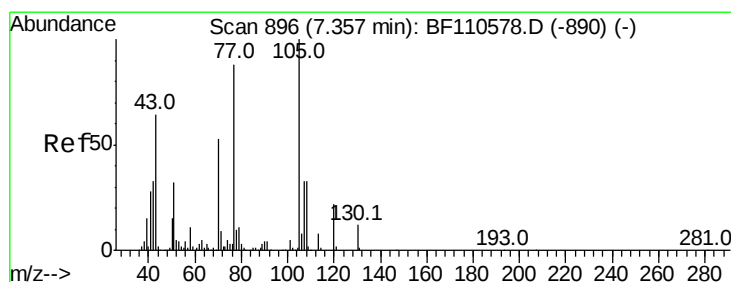
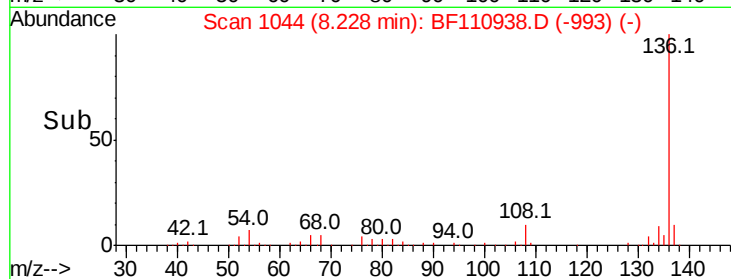
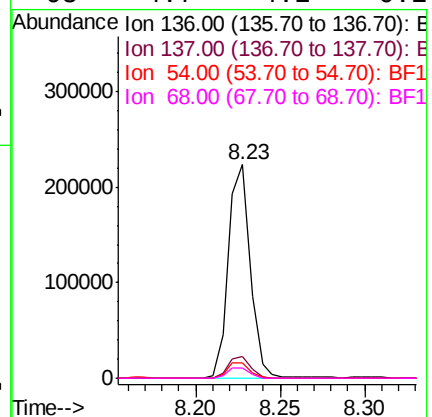
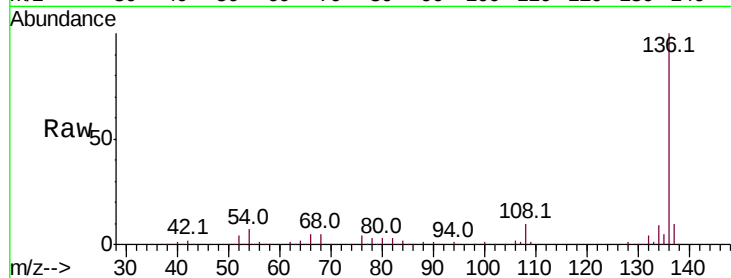
ClientSampleId :

DTW-02(11-13)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	203713		
137	10.1		8.8	13.2
54	7.4		5.4	8.2
68	4.7		4.2	6.2

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#22

Acetophenone

Concen: 10.490 ng

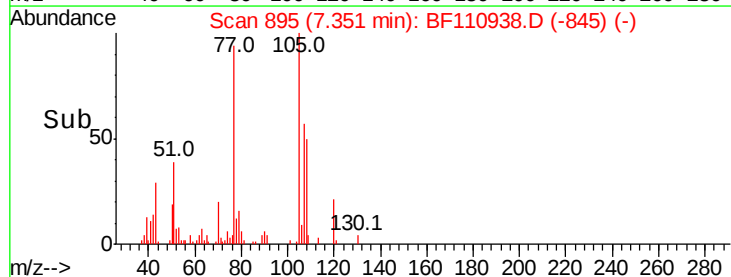
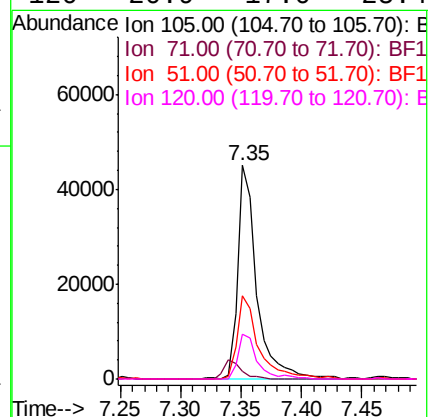
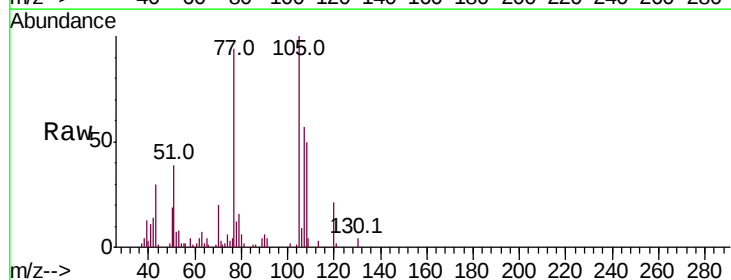
RT: 7.35 min Scan# 895

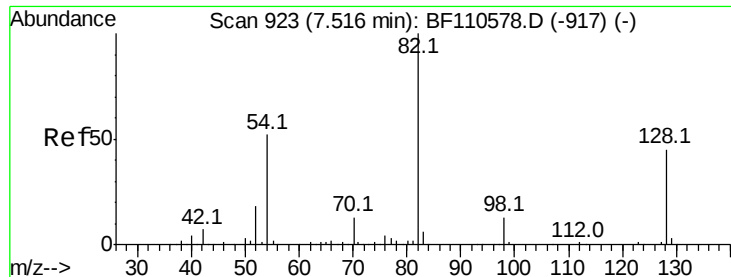
Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	49803		
71	3.4		5.2	7.8#
51	38.8		21.8	32.8#
120	20.9		17.0	25.4





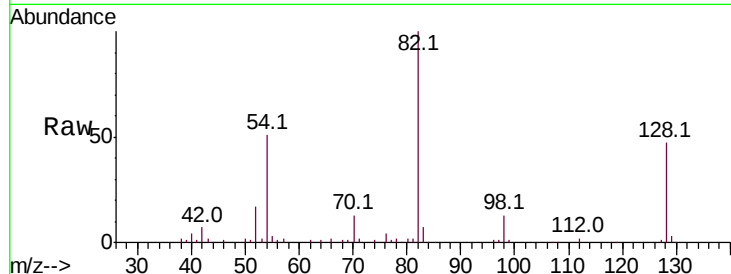
#23
 Nitrobenzene-d5
 Concen: 22.560 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

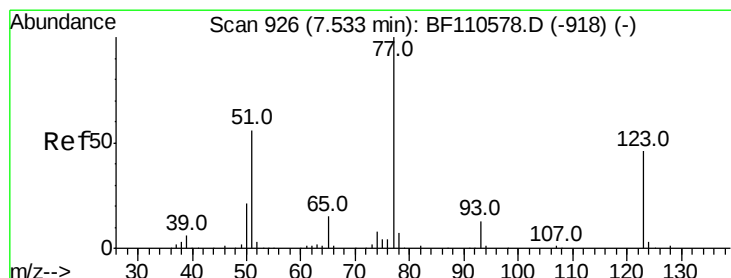
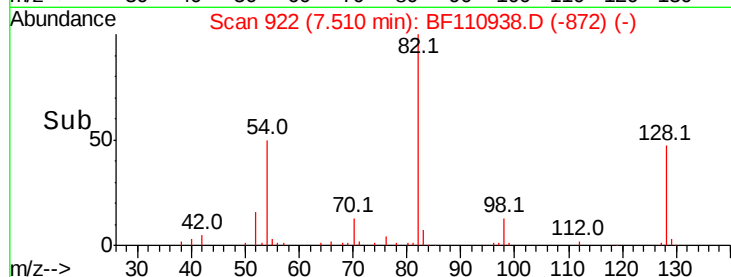
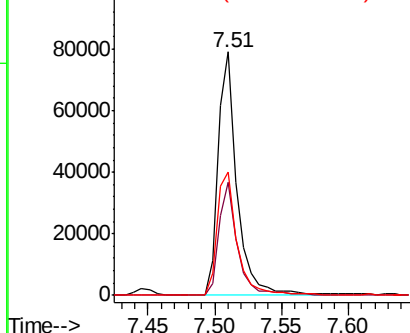
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	34.2	51.2
54	50.5	38.6	58.0

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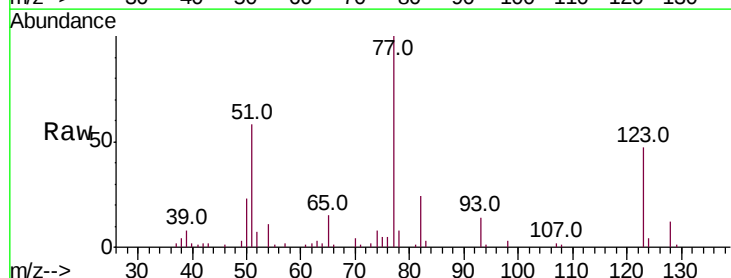


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

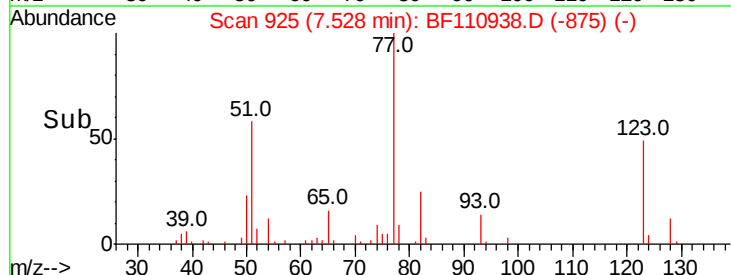
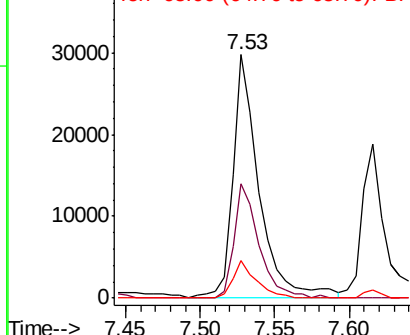


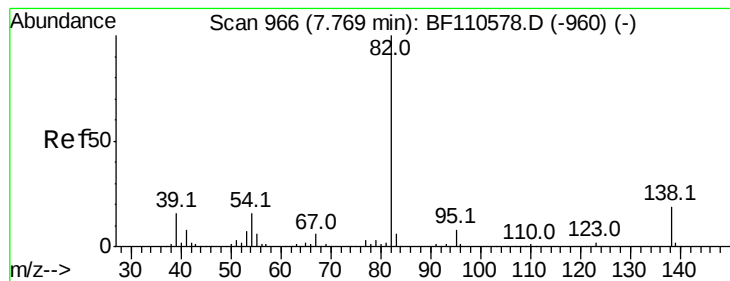
#24
 Nitrobenzene
 Concen: 10.120 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.1	35.7	53.5
65	15.2	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 10.589 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

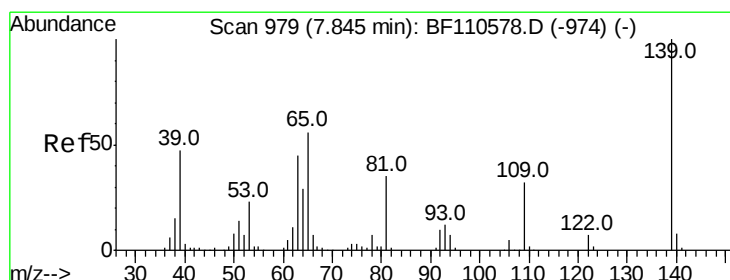
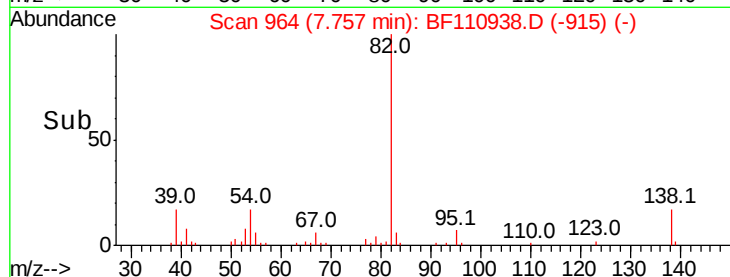
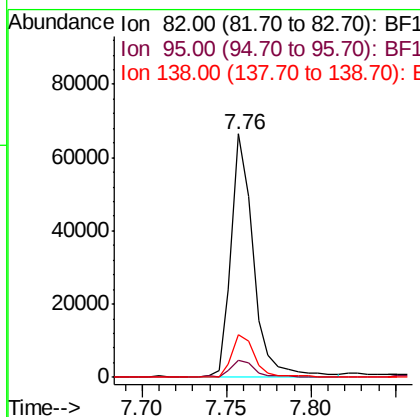
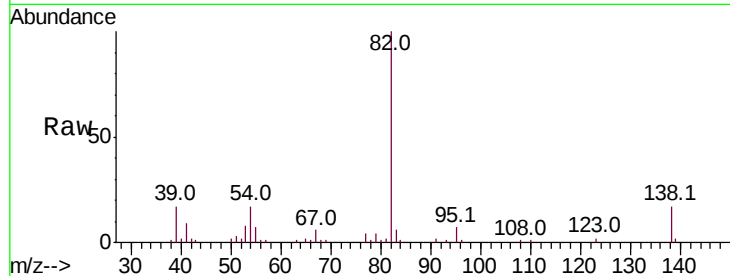
ClientSampleId :

DTW-02(11-13)MS

Tot Ion:	82	Resp:	61394
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.7	8.5
138	17.4	13.2	19.8

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#26

2-Nitrophenol

Concen: 7.239 ng

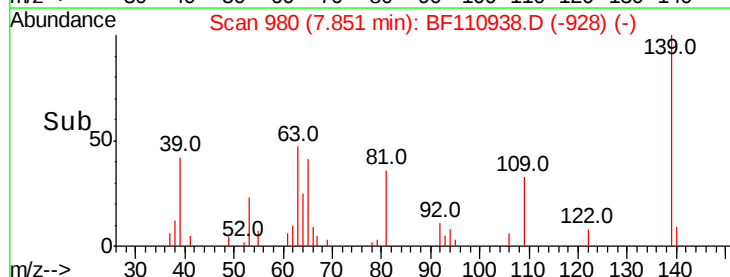
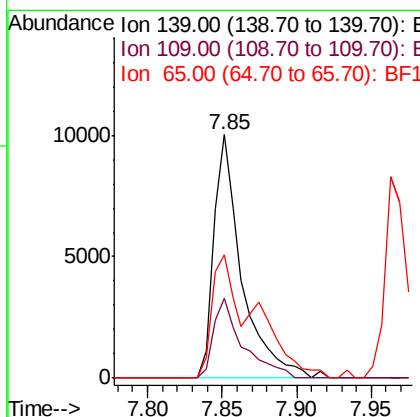
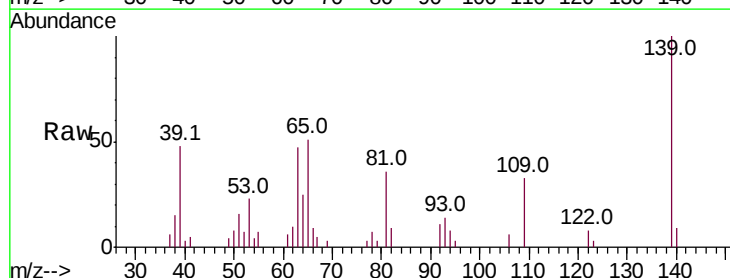
RT: 7.85 min Scan# 980

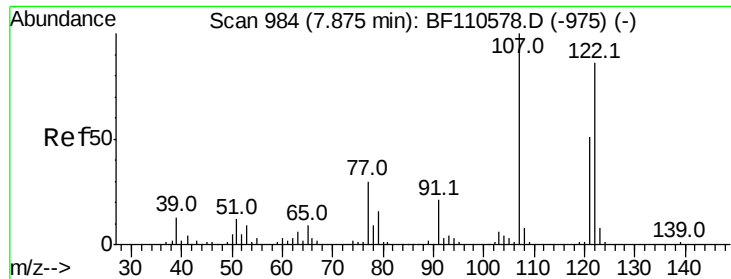
Delta R.T. 0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Tgt Ion:	139	Resp:	13088
Ion Ratio	Lower	Upper	
139	100		
109	32.8	25.0	37.6
65	50.6	44.0	66.0





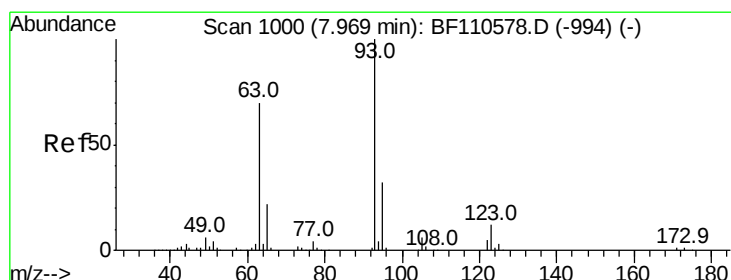
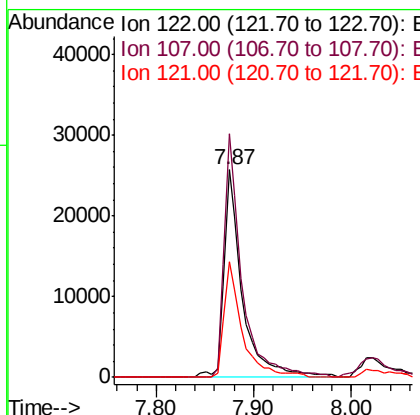
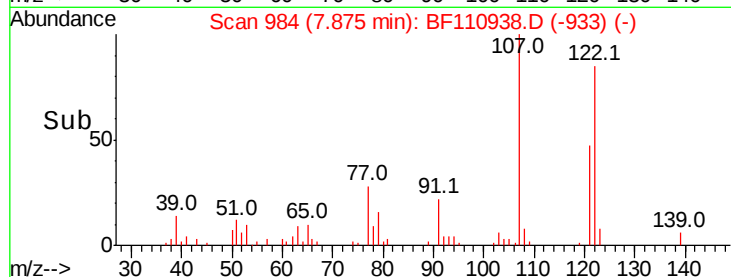
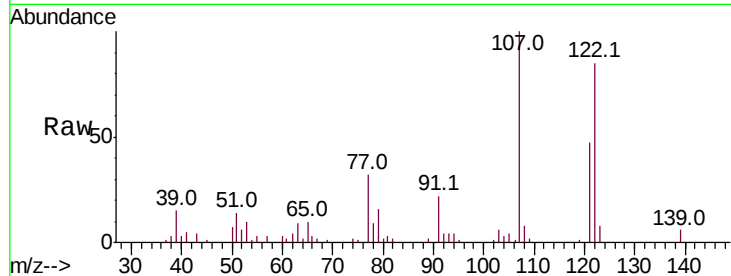
#27
2,4-Dimethylphenol
Concen: 12.153 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.4	92.5	138.7
121	55.7	45.8	68.8

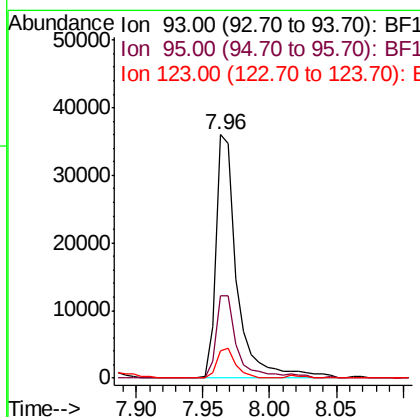
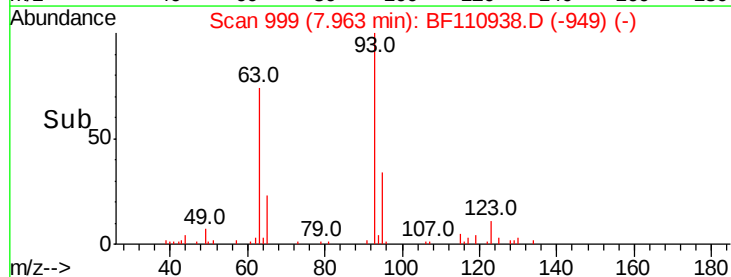
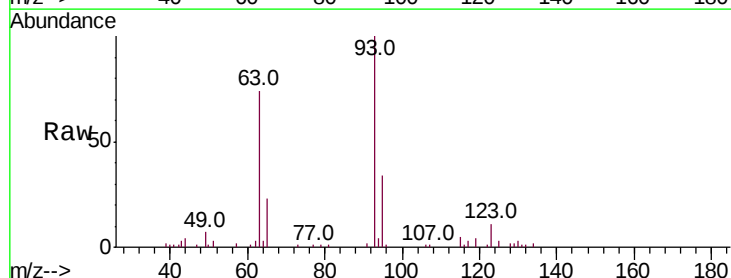
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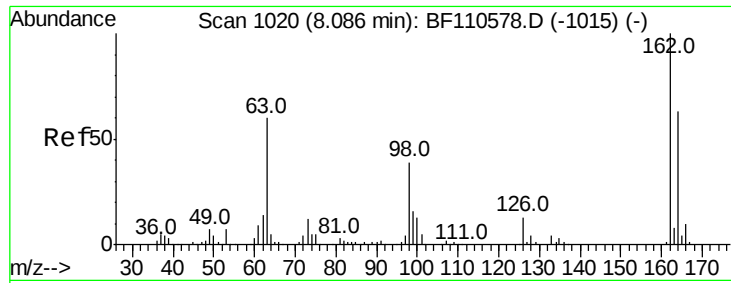
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 10.266 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.4	39.6
123	11.3	9.0	13.6





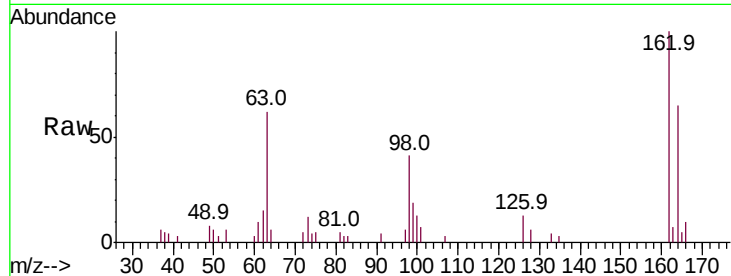
#29
 2,4-Dichlorophenol
 Concen: 9.454 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.02 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.6	84.6
98	40.9	17.4	57.4

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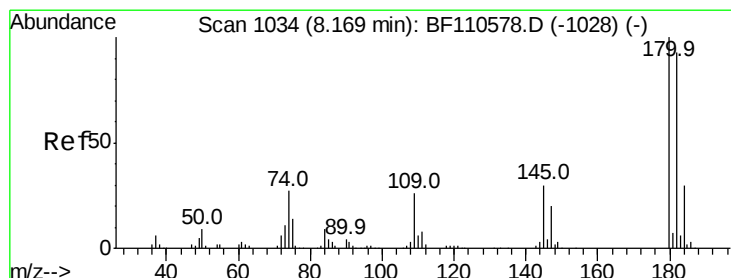
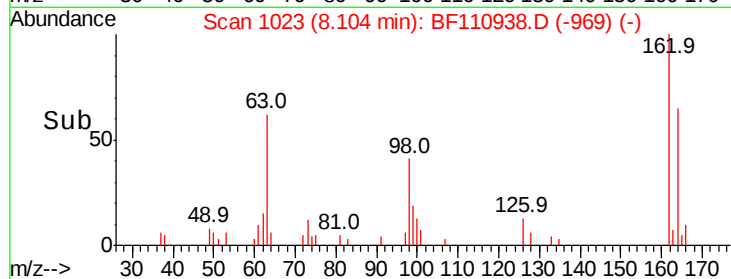
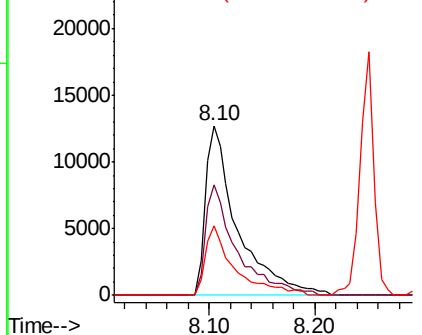


Abundance

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: 9.329 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

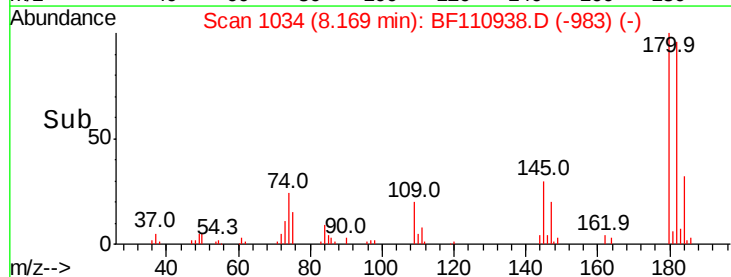
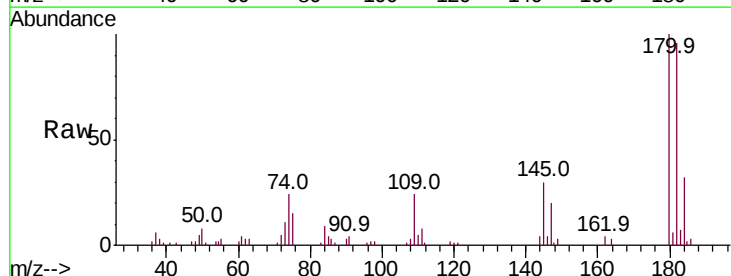
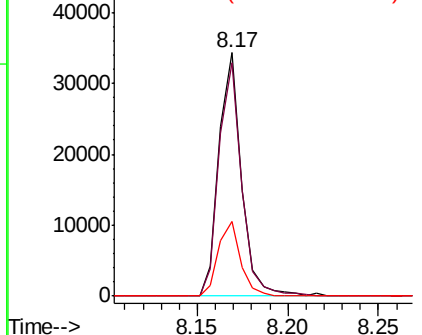
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	80.3	120.5
145	30.5	25.4	38.0

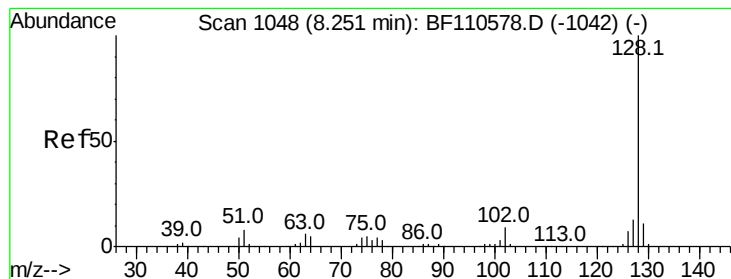
Abundance

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: 109.556 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

Tot Ion:128 Resp: 1047711

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

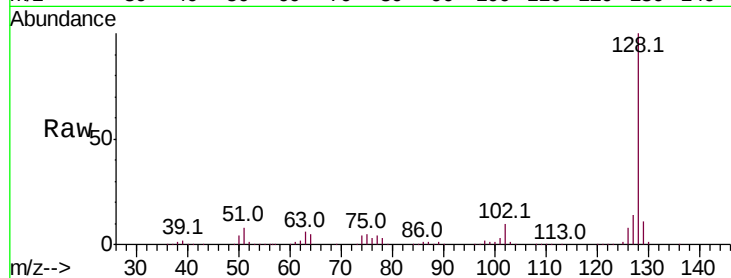
127 13.6 10.8 16.2

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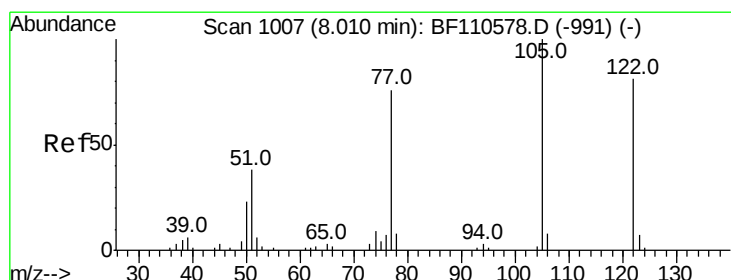
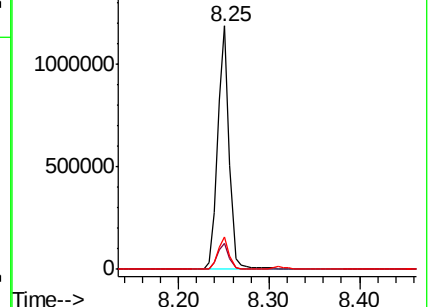
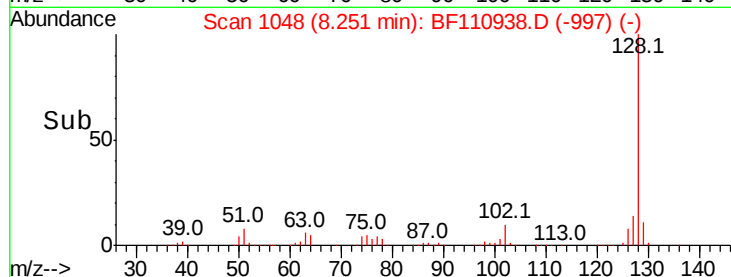
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.934 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

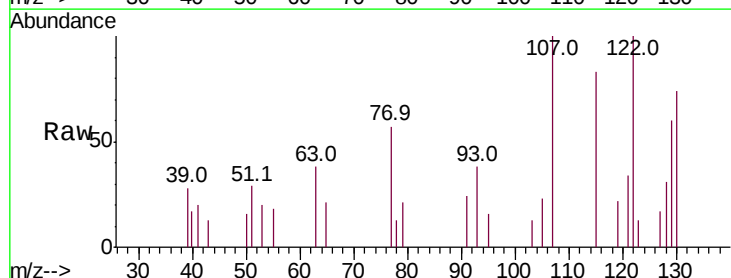
Tgt Ion:122 Resp: 5716

Ion Ratio Lower Upper

122 100

105 23.5 109.0 149.0#

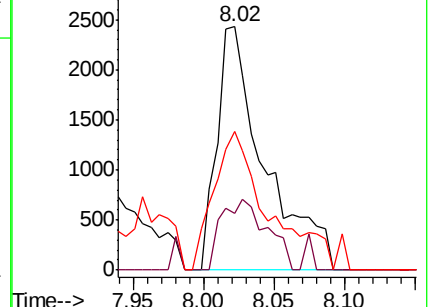
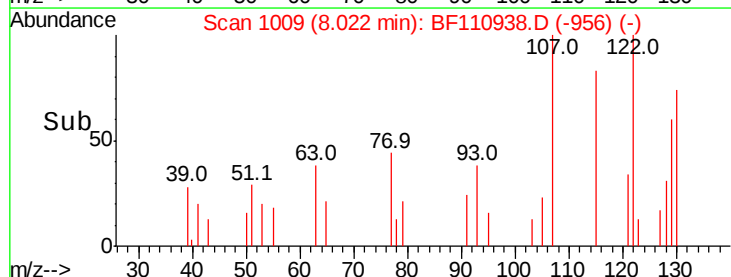
77 56.9 79.0 119.0#

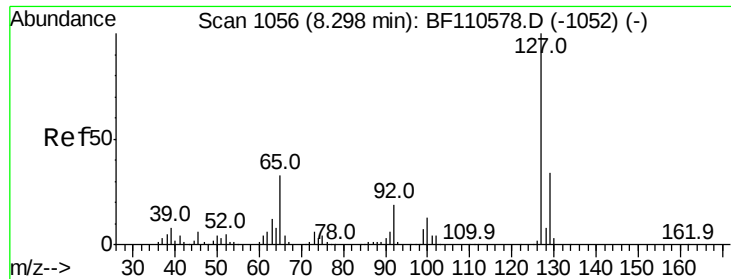


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





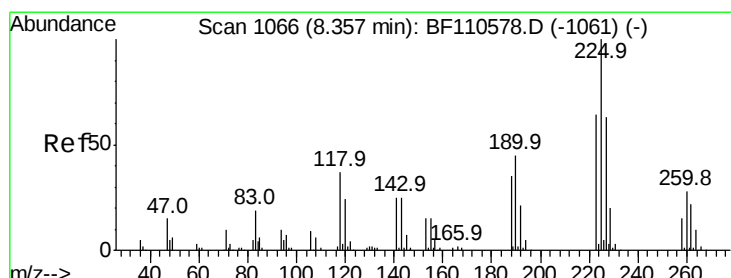
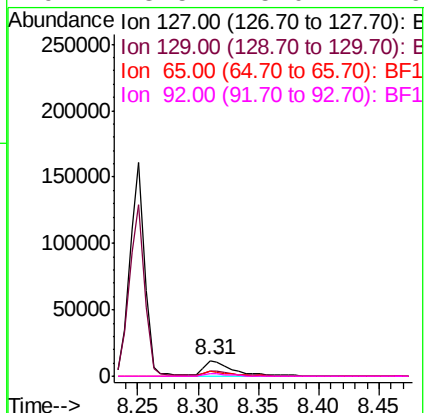
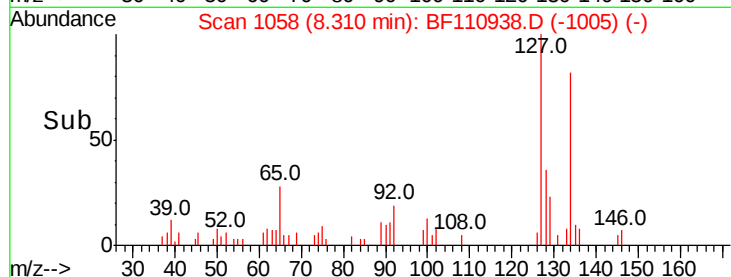
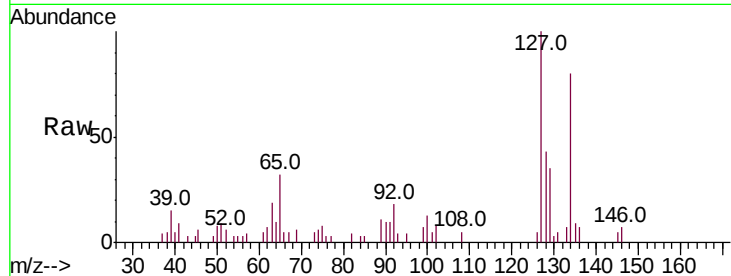
#33
4-Chloroaniline
Concen: 4.620 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.2	26.0	39.0
65	32.3	25.1	37.7
92	18.5	15.0	22.6

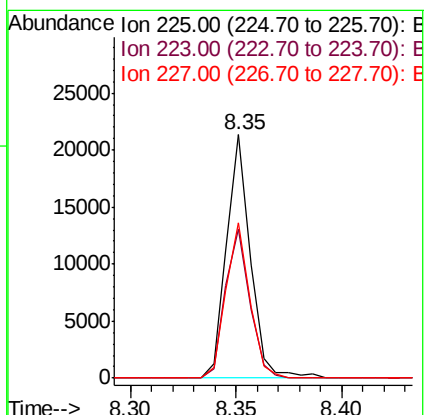
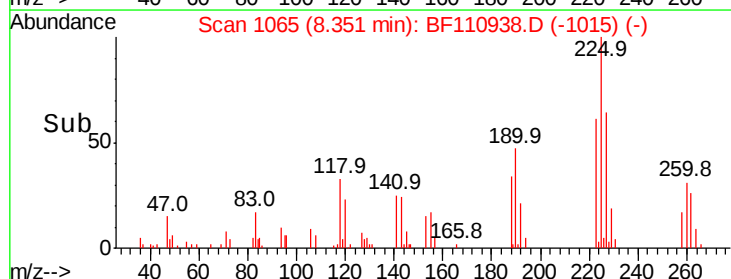
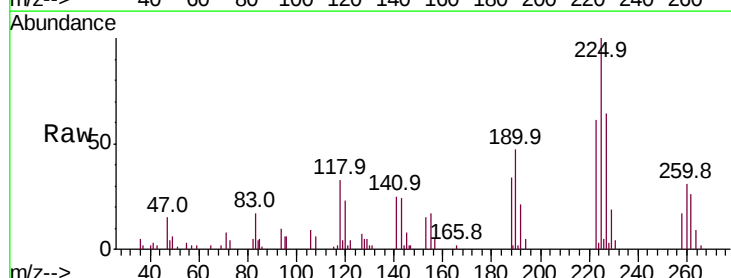
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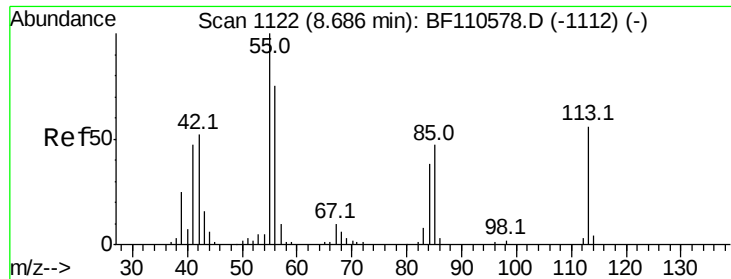
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#34
Hexachlorobutadiene
Concen: 9.085 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.4	77.2
227	63.9	51.0	76.6





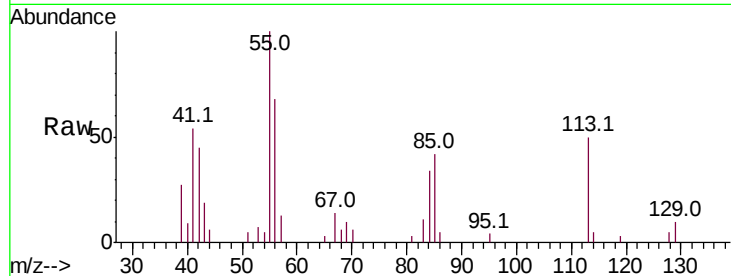
#35
Caprolactam
Concen: 7.859 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

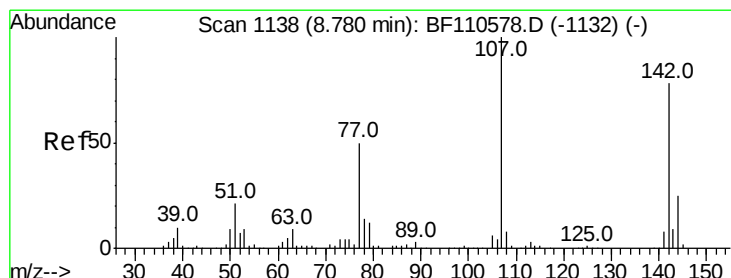
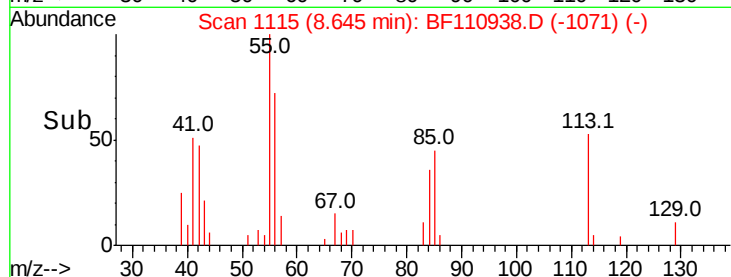
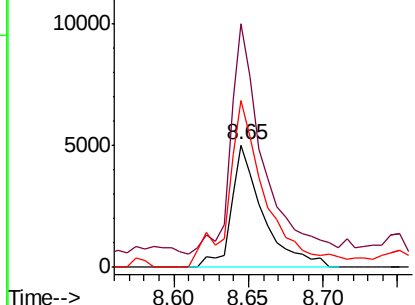
Tot Ion	Ratio	Lower	Upper
113	100		
55	199.4	142.8	182.8#
56	136.1	105.0	145.0

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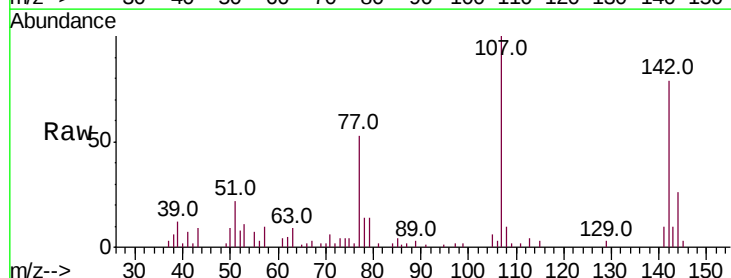


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

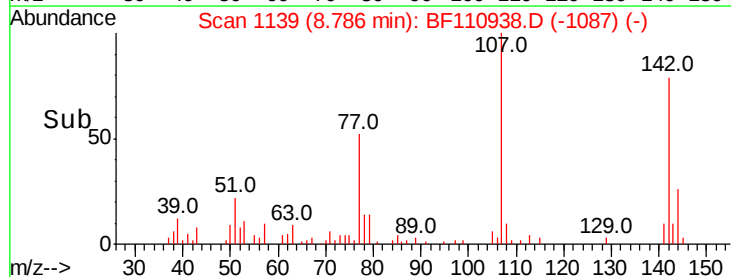
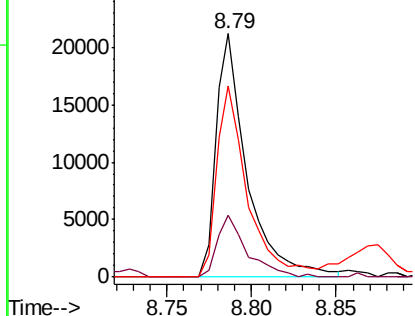


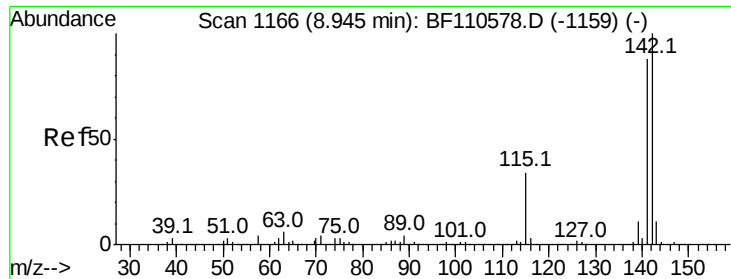
#36
4-Chloro-3-methylphenol
Concen: 8.855 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.0	30.0
142	78.6	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





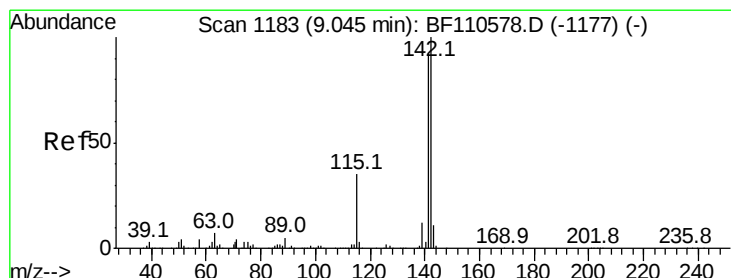
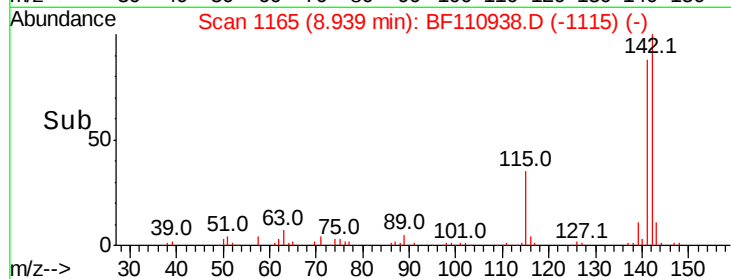
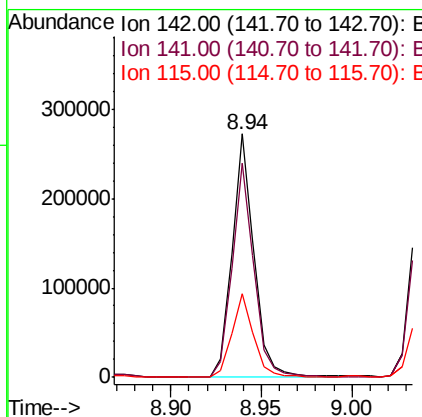
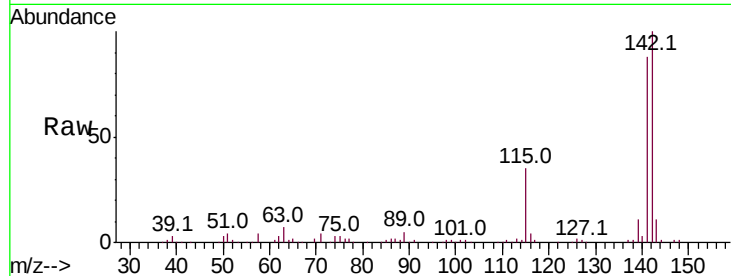
#37
2-Methylnaphthalene
Concen: 36.558 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	229189		
141	88.1	71.4	107.2	
115	34.5	28.7	43.1	

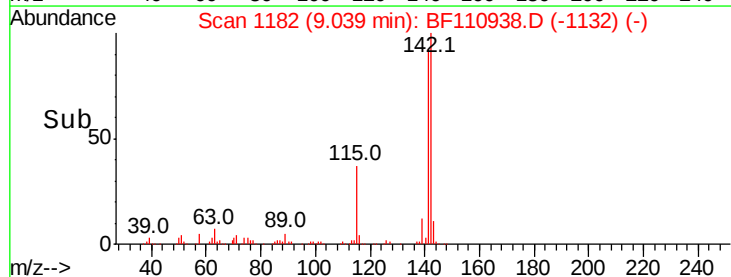
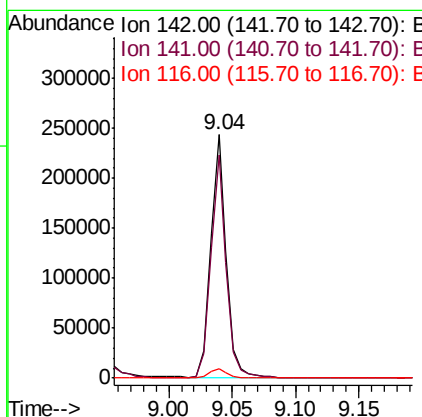
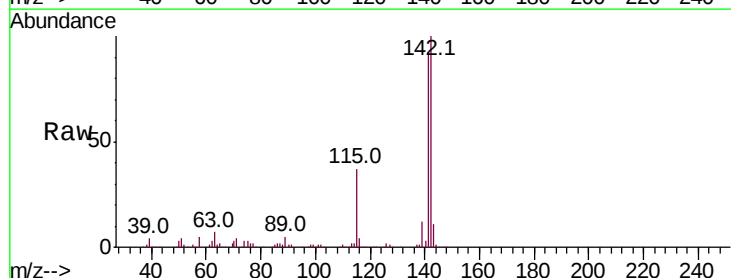
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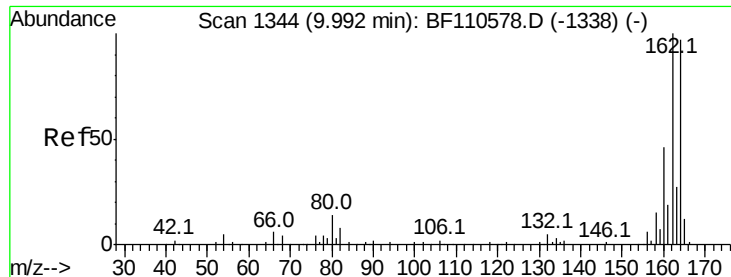
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#38
1-Methylnaphthalene
Concen: 34.754 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	209533		
141	91.8	74.2	111.4	
116	3.8	2.6	4.0	





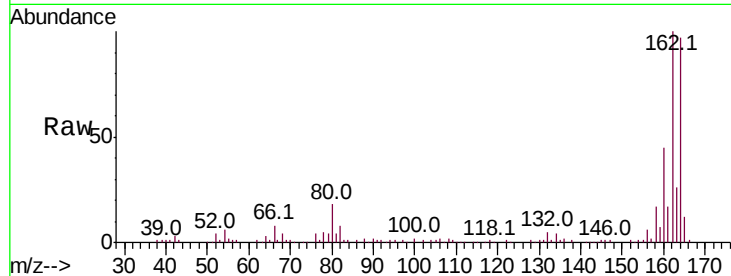
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	46.6	37.0	55.6

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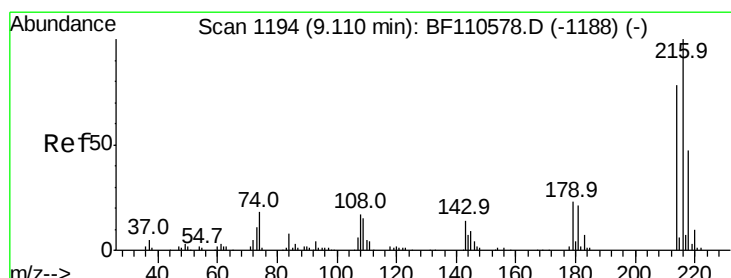
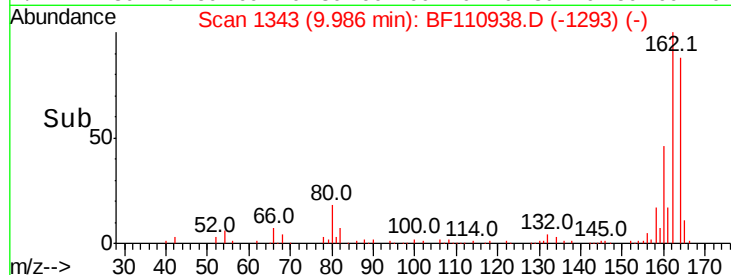
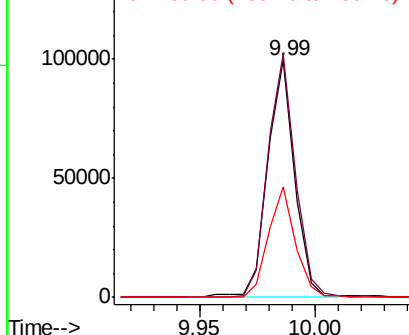


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.669 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.6
179	22.4	16.6	25.0
108	19.9	15.1	22.7

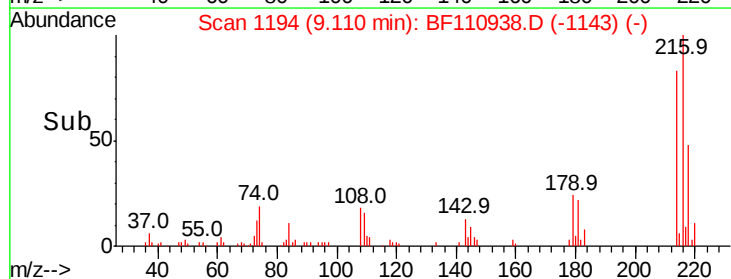
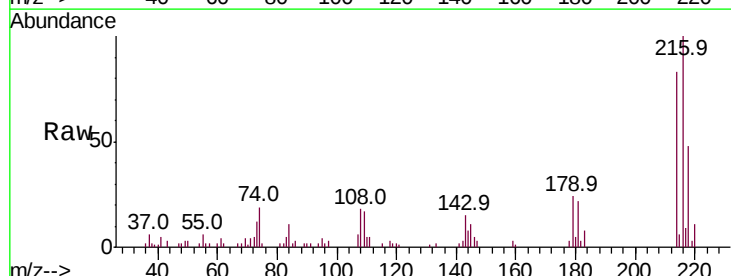
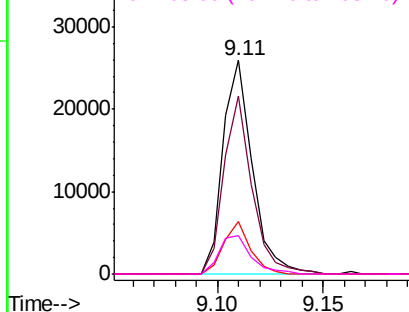
Abundance

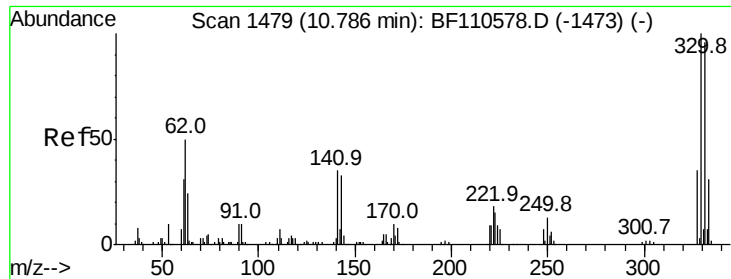
Ion 216.00 (215.70 to 216.70): E

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





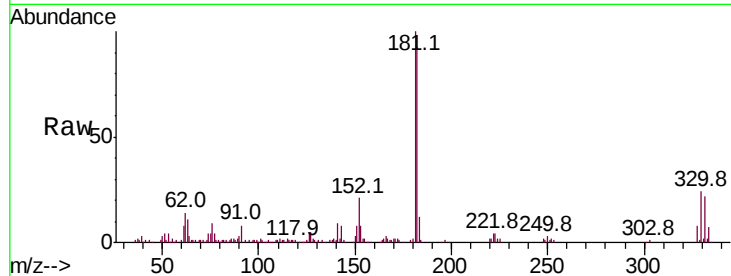
#42
 2,4,6-Tribromophenol
 Concen: 29.078 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

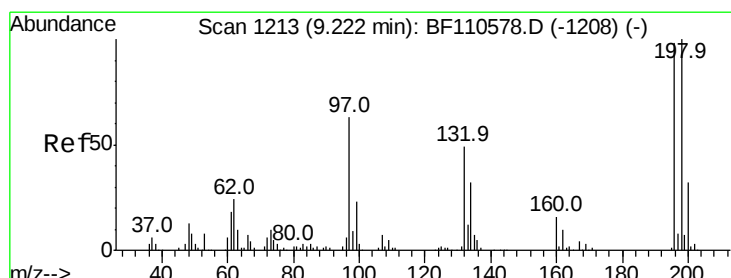
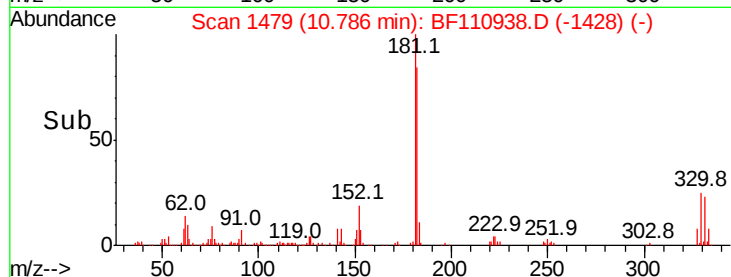
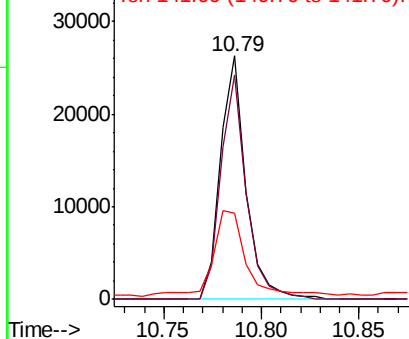
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.0	77.1	115.7
141	46.9	27.0	40.4

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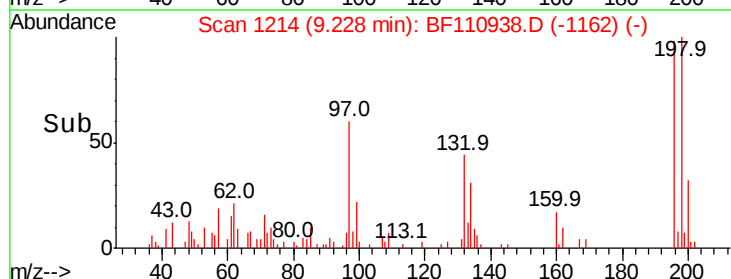
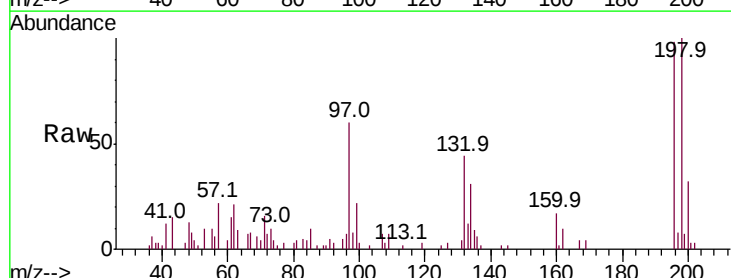
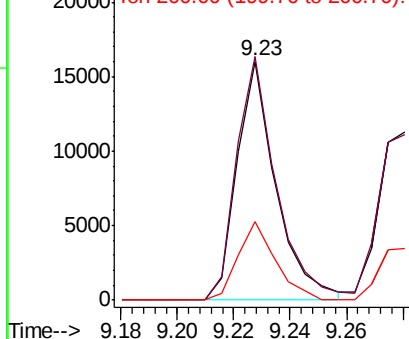
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

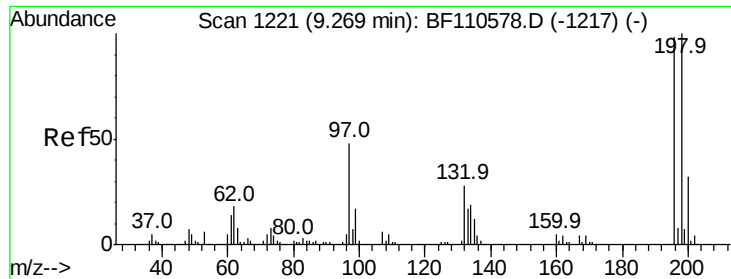


#43
 2,4,6-Trichlorophenol
 Concen: 9.491 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.0	76.2	114.4
200	33.0	24.4	36.6

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#44

2,4,5-Trichlorophenol

Concen: 9.352 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

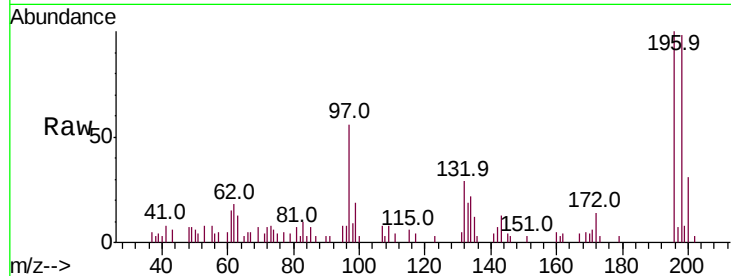
ClientSampleId :

DTW-02(11-13)MS

Tot Ion	196	Resp	16196
Ion Ratio	Lower	Upper	
196	100		
198	98.1	75.8	113.6
97	55.6	42.4	63.6
132	29.2	22.8	34.2

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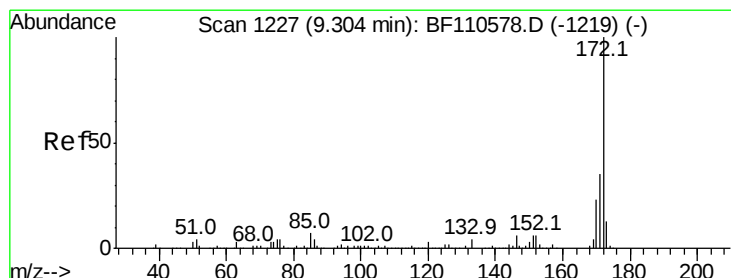
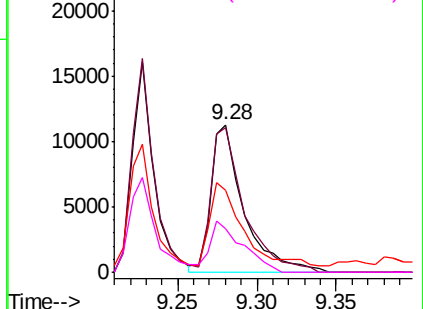
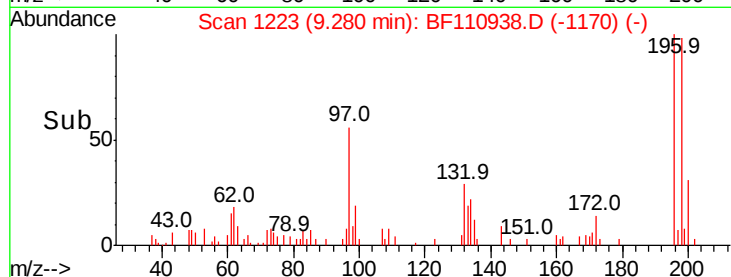
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 22.353 ng

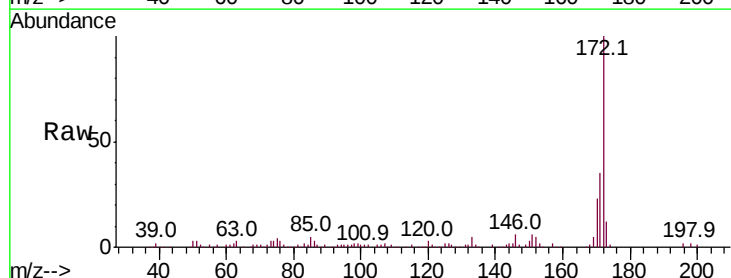
RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Tgt Ion	172	Resp	127747
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.6	43.0
170	23.3	19.7	29.5

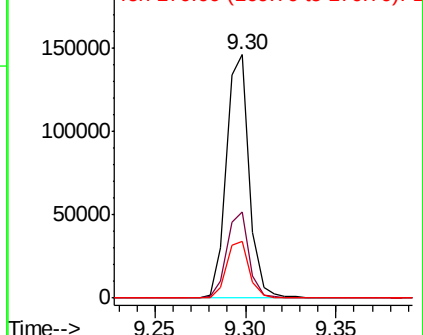
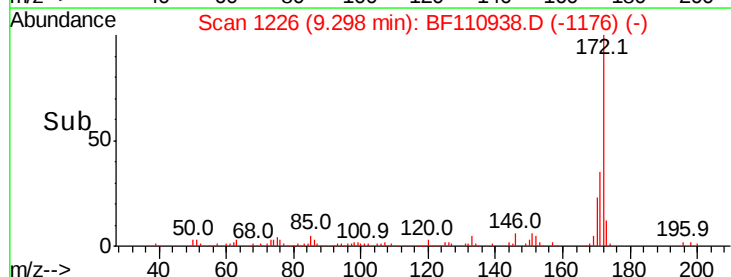


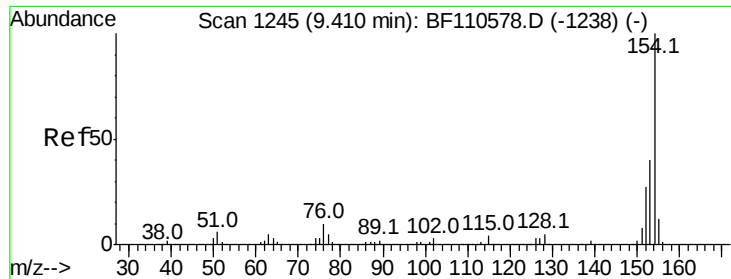
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 22.851 ng

RT: 9.40 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

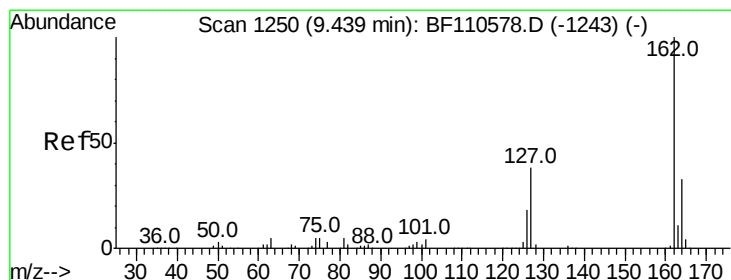
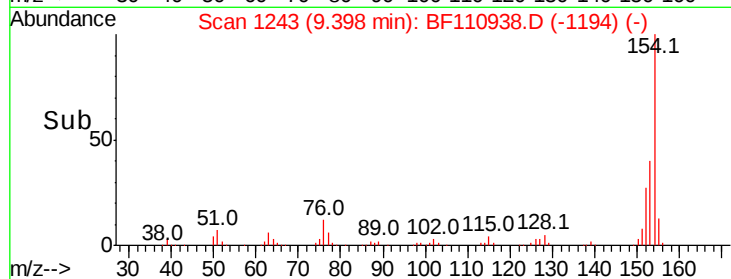
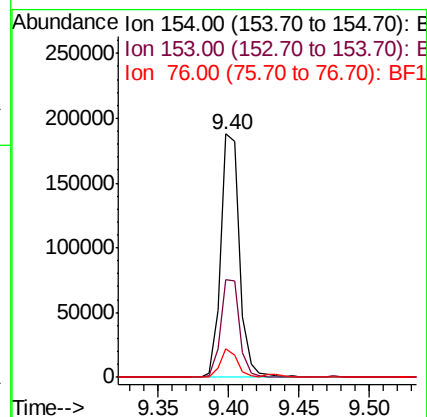
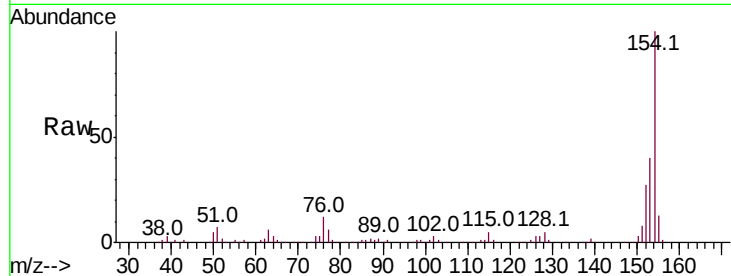
ClientSampleId :

DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.4	60.4
76	11.6	0.0	31.9

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#47

2-Chloronaphthalene

Concen: 9.694 ng

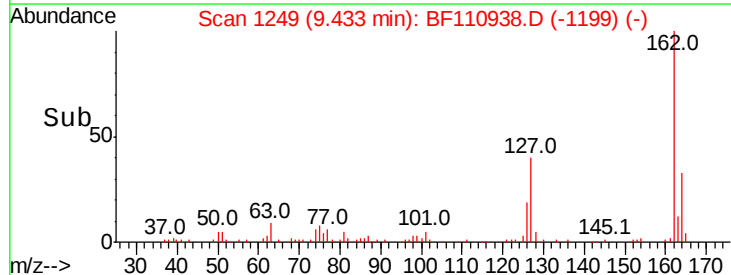
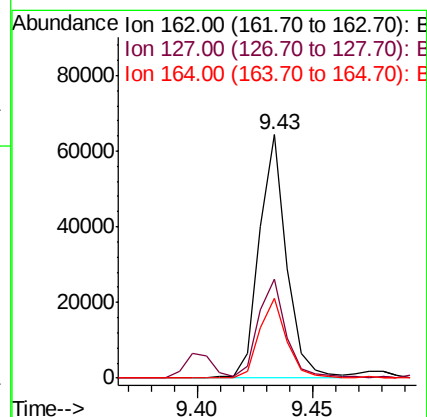
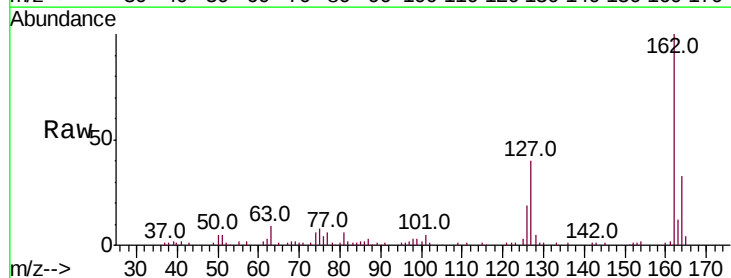
RT: 9.43 min Scan# 1249

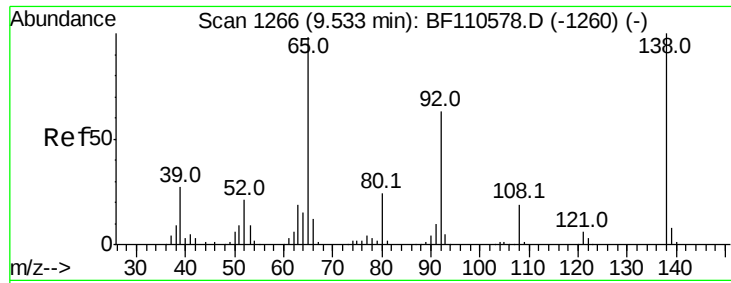
Delta R.T. -0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.6	48.8
164	32.9	25.9	38.9





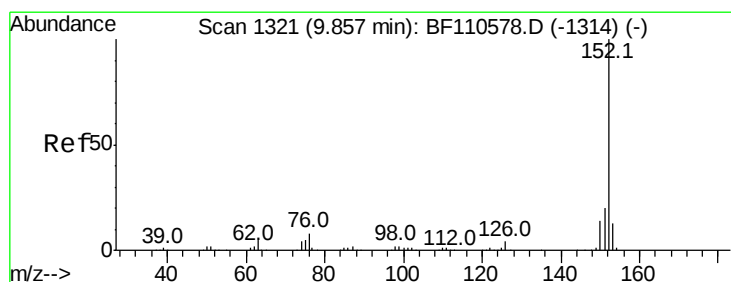
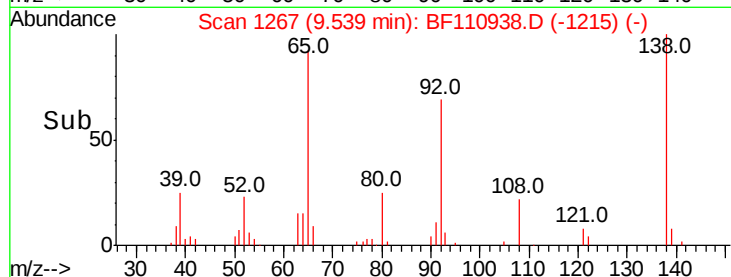
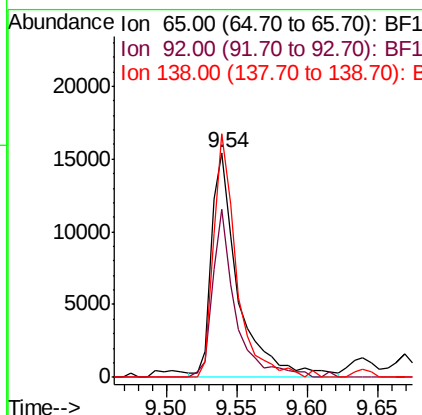
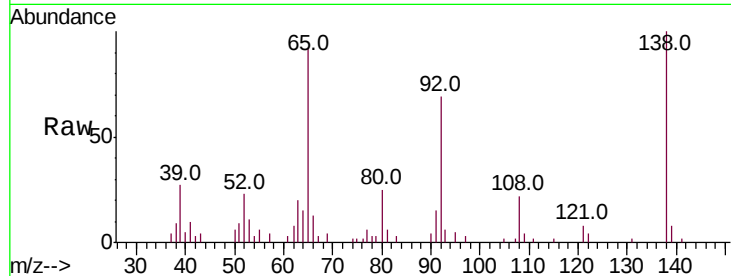
#48
2-Nitroaniline
Concen: 12.120 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.0	54.6	81.8
138	108.5	80.3	120.5

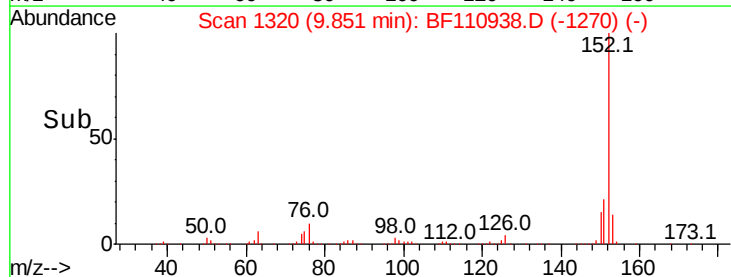
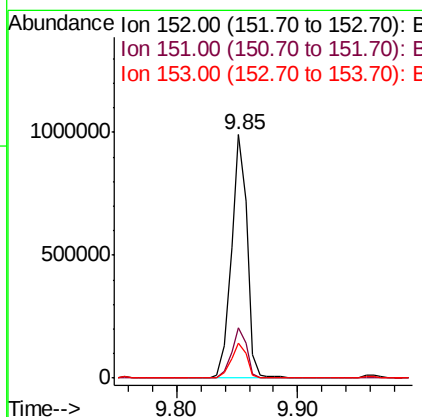
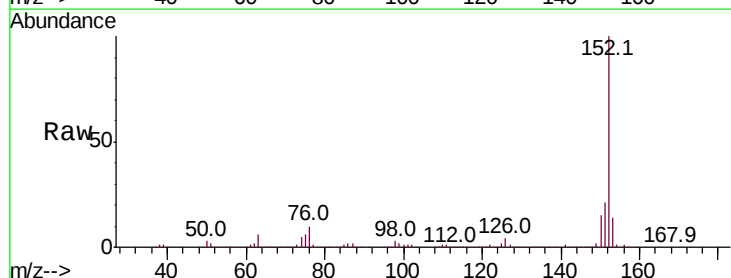
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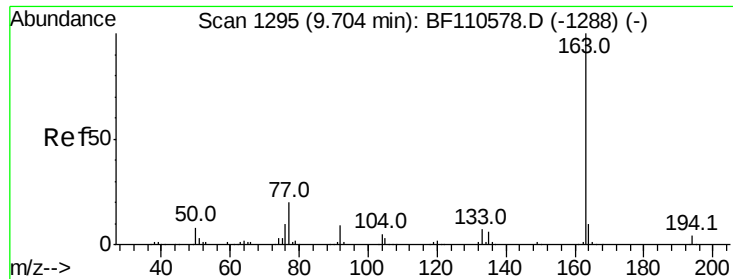
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#49
Acenaphthylene
Concen: 113.312 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.8	23.8
153	14.3	10.4	15.6





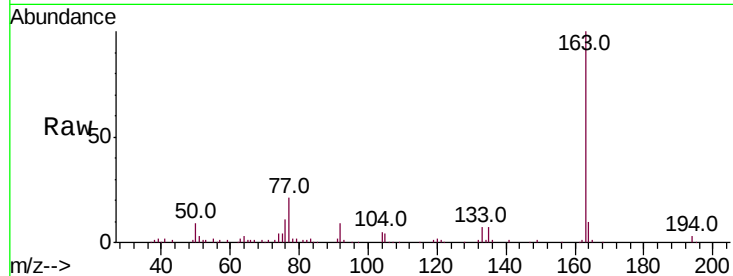
#50
Dimethylphthalate
Concen: 13.748 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

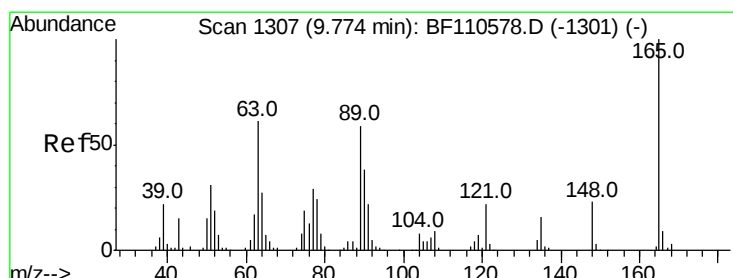
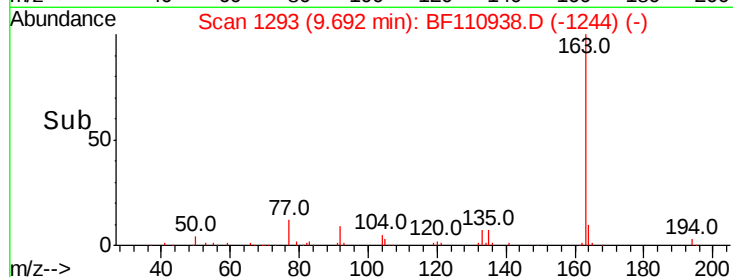
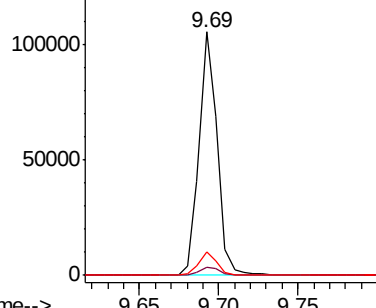
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.2	4.8#
164	9.8	8.1	12.1

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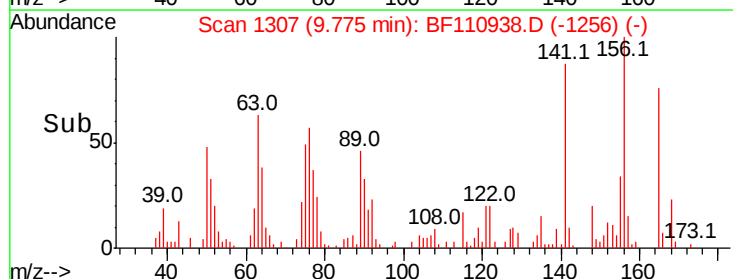
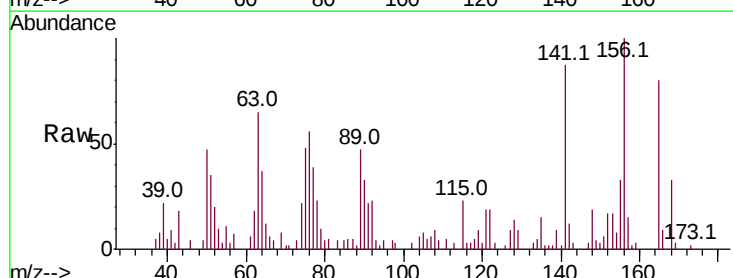
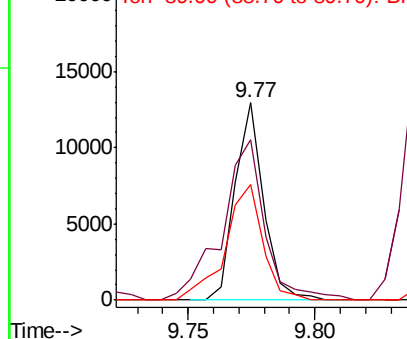
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

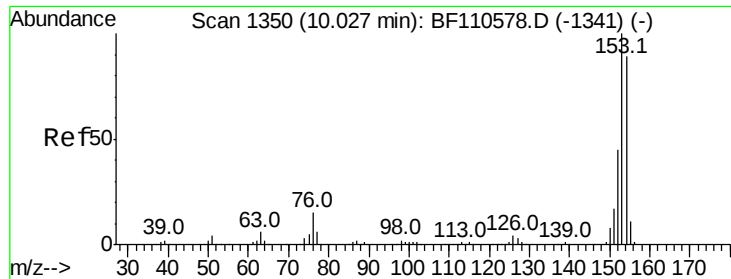


#51
2,6-Dinitrotoluene
Concen: 7.535 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	81.4	48.9	73.3#
89	58.8	46.6	69.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





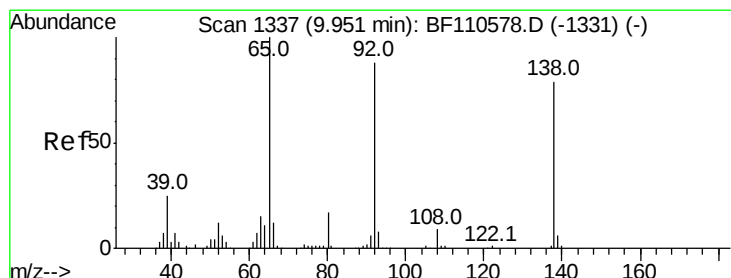
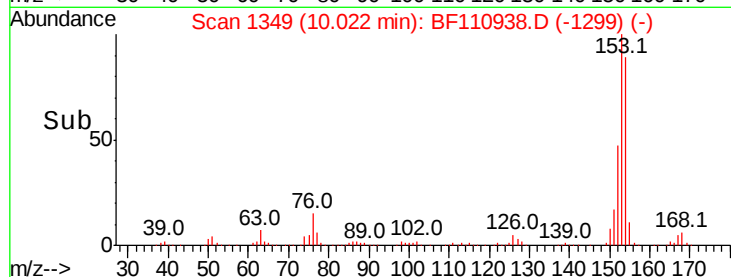
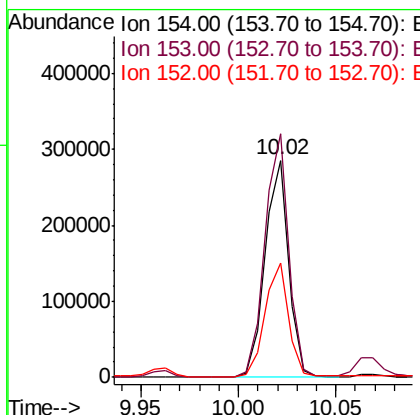
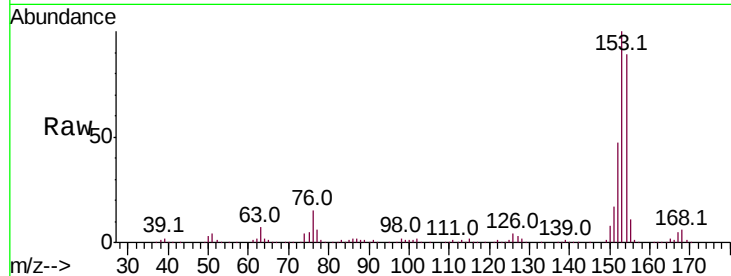
#52
Acenaphthene
Concen: 47.969 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.1	135.1
152	52.8	43.4	65.2

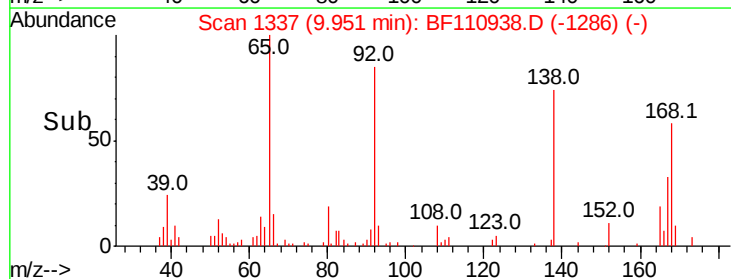
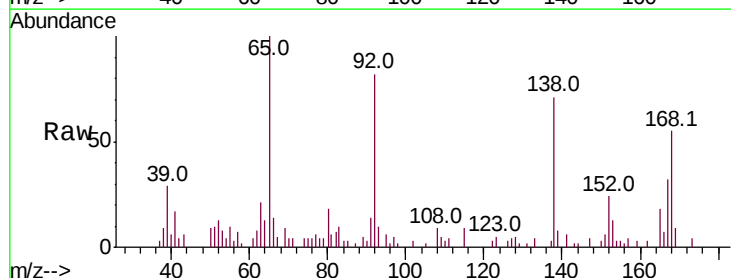
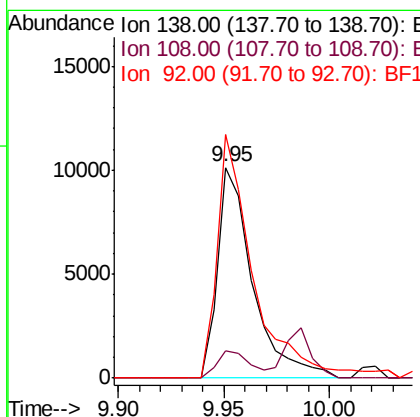
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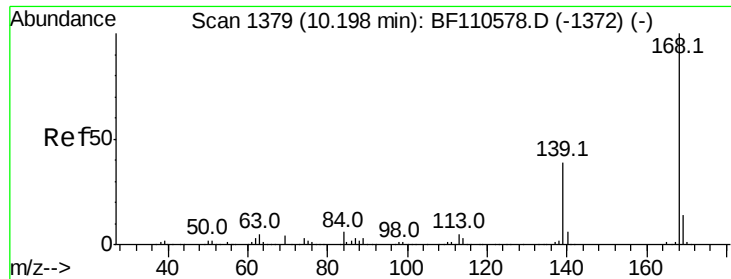
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#53
3-Nitroaniline
Concen: 7.558 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.1	8.7	13.1#
92	115.5	97.0	145.4





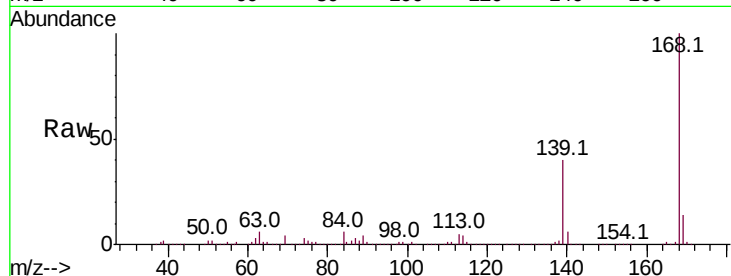
#55
Dibenzofuran
Concen: 103.133 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.3	33.0	49.6	
169	13.6	11.3	16.9	

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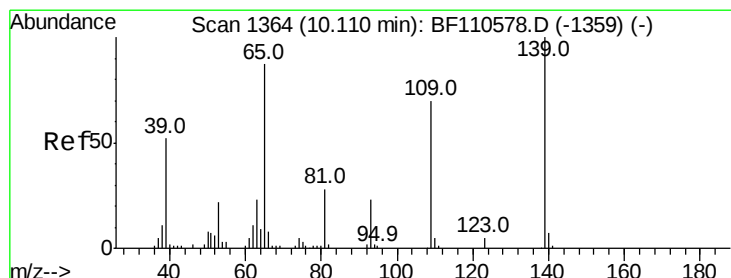
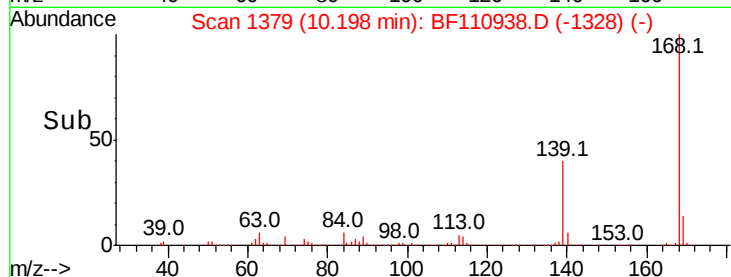
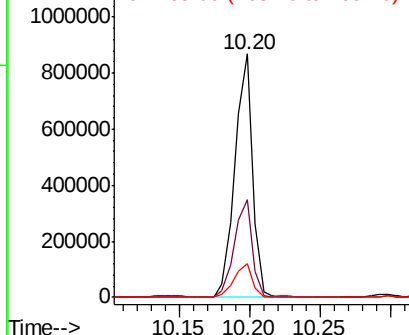


Abundance

Ion 168.00 (167.70 to 168.70): E

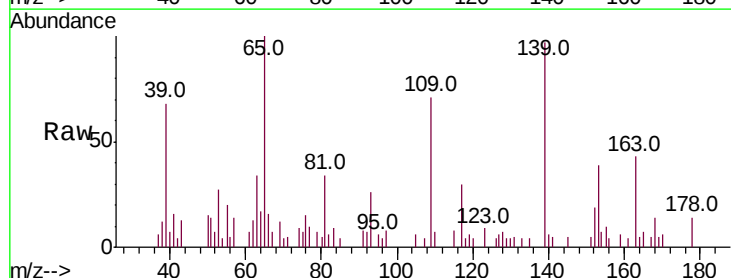
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 13.375 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.03 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	73.2	55.8	95.8	
65	103.4	77.9	117.9	

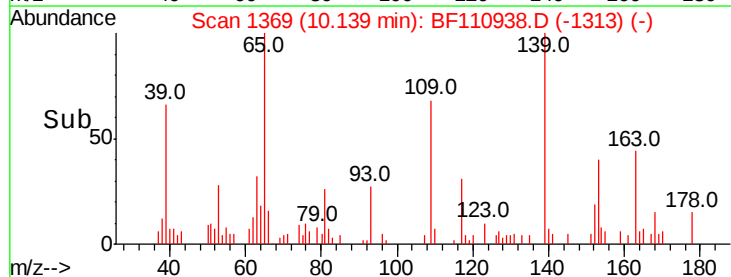
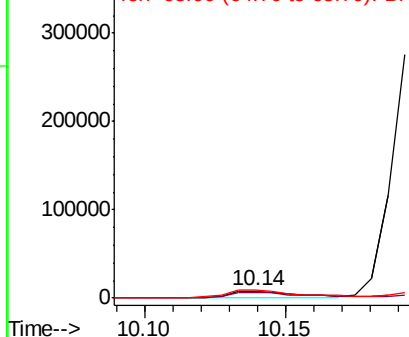


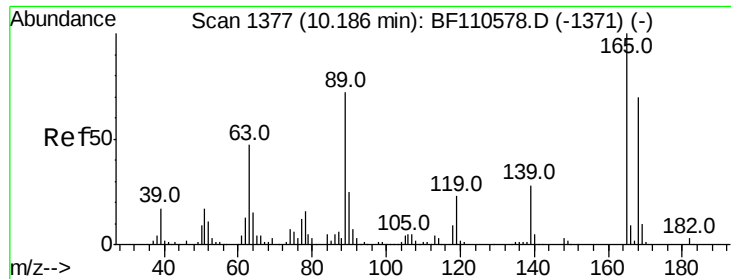
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





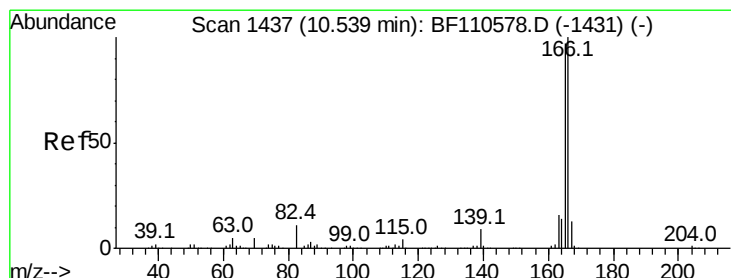
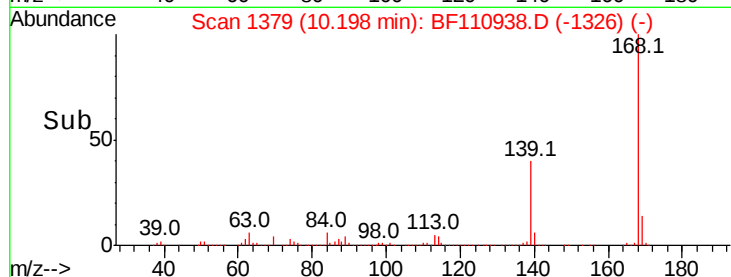
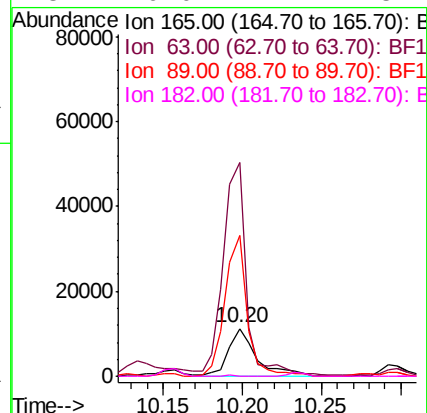
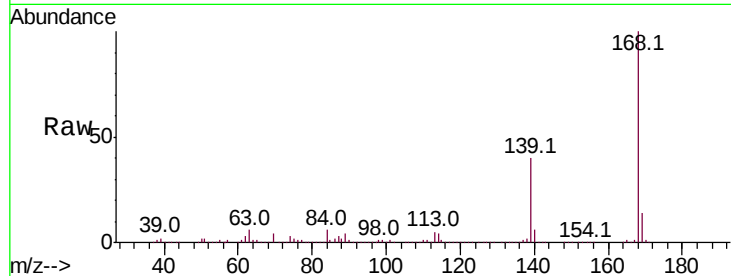
#57
2,4-Dinitrotoluene
Concen: 8.015 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	13962		
63	447.3		44.8	67.2#
89	295.5		62.2	93.4#
182	0.0		2.1	3.1#

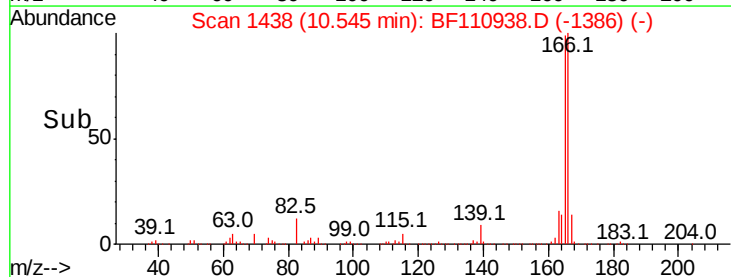
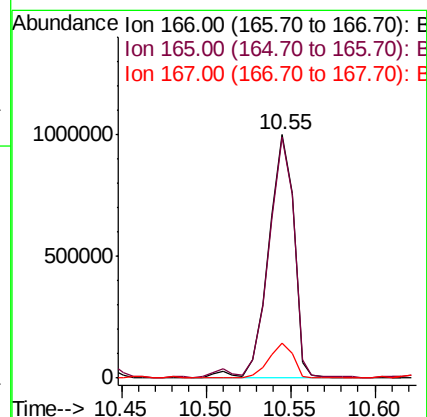
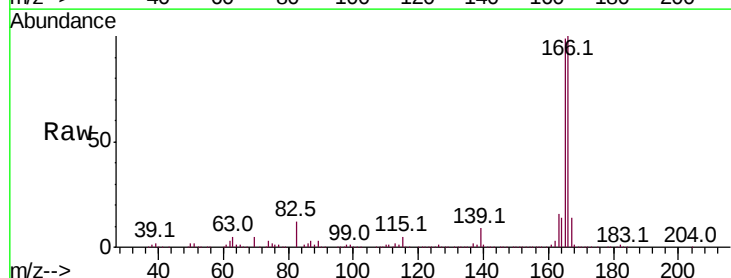
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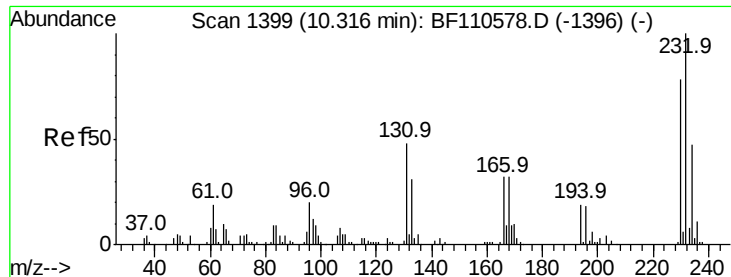
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#58
Fluorene
Concen: 185.726 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1041992		
165	99.2		78.6	117.8
167	14.4		10.8	16.2





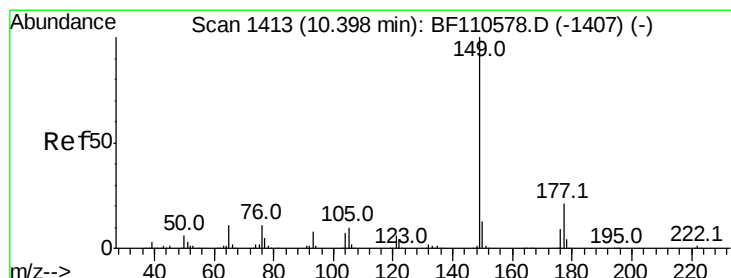
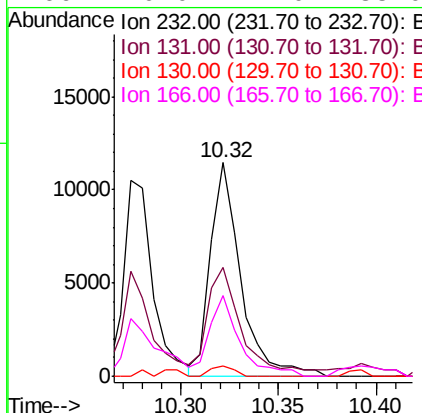
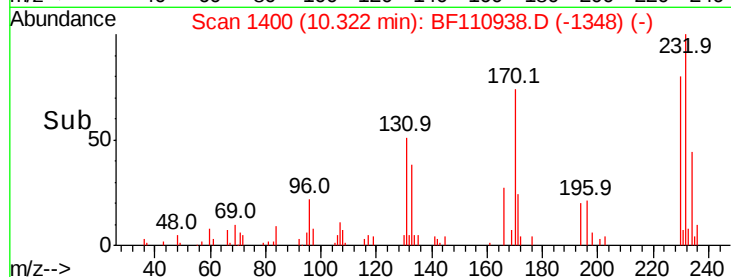
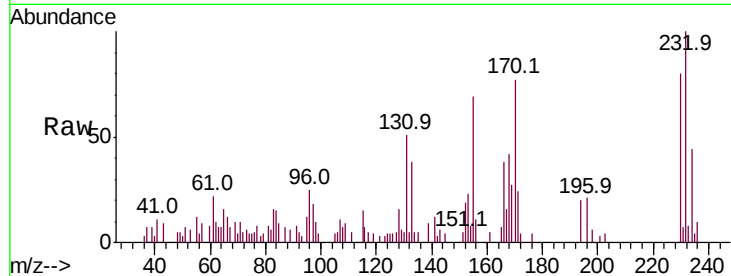
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.089 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.8	37.0	55.4
130	3.9	1.8	2.6
166	0.0	22.0	33.0

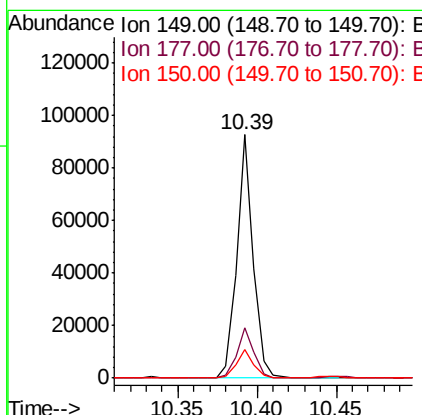
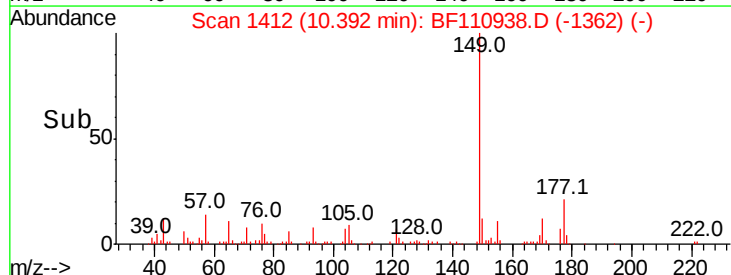
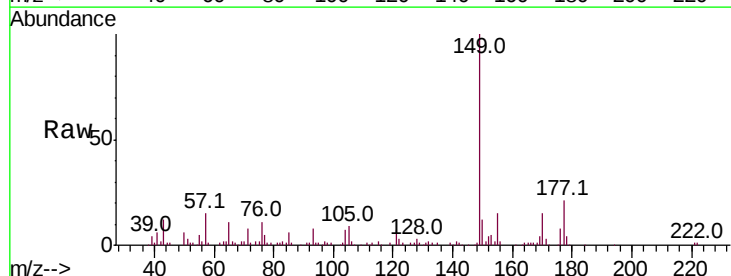
Manual Integrations
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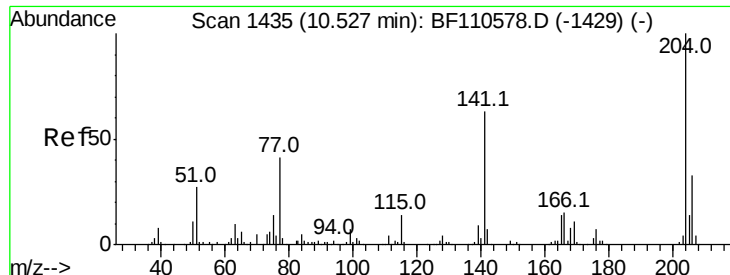
mohammad
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#60
 Diethylphthalate
 Concen: 11.014 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.4	26.2
150	12.0	9.8	14.8





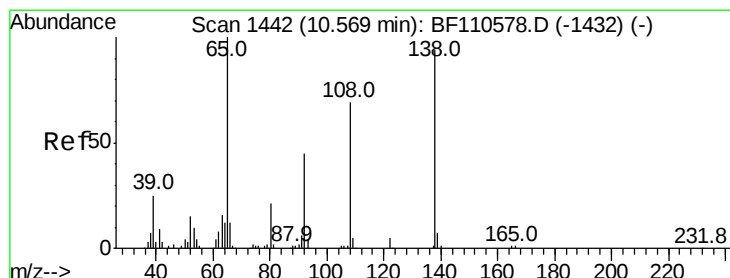
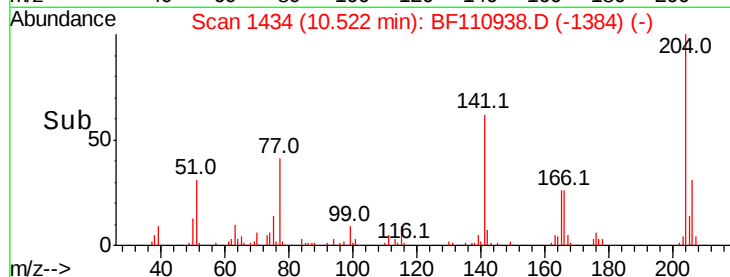
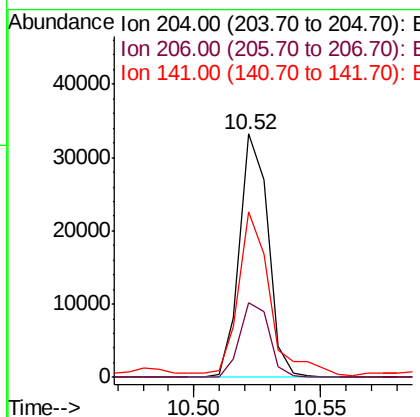
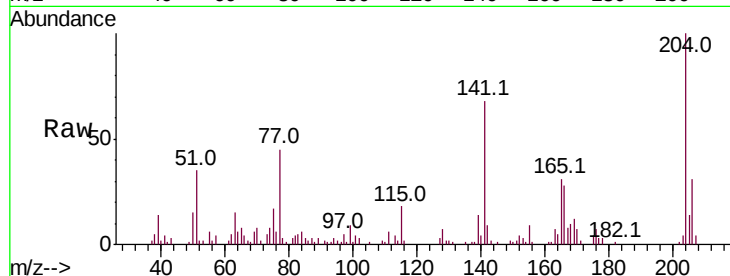
#61
4-Chlorophenyl-phenylether
Concen: 8.979 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	30.8	26.5	39.7
141	67.8	51.8	77.8

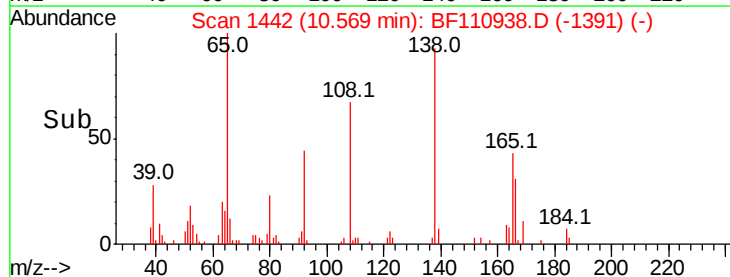
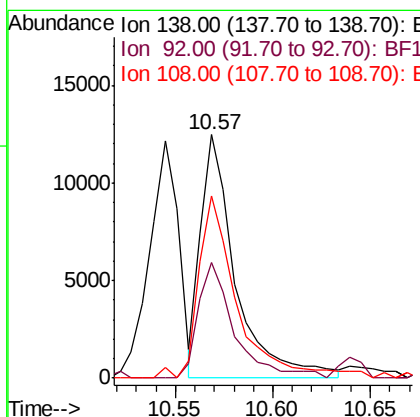
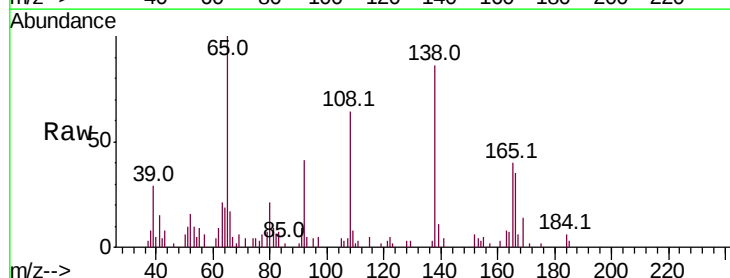
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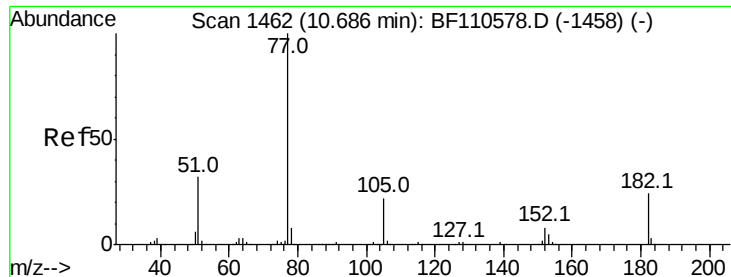
mohammad
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#62
4-Nitroaniline
Concen: 9.989 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	31.7	71.7
108	74.8	59.3	99.3





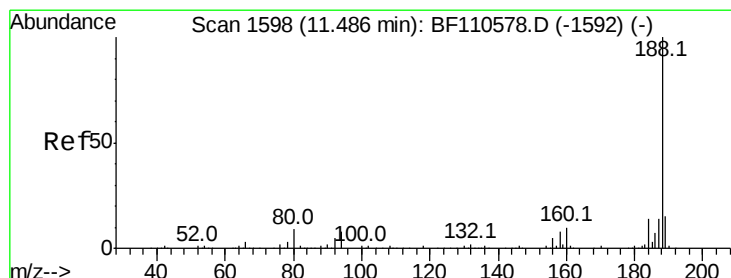
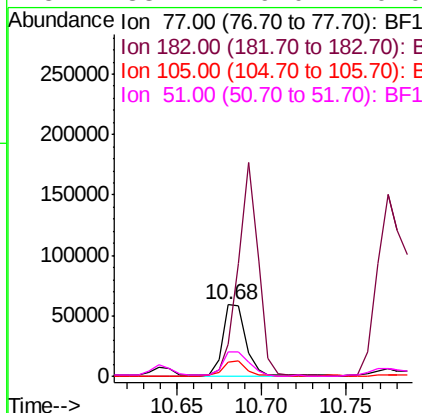
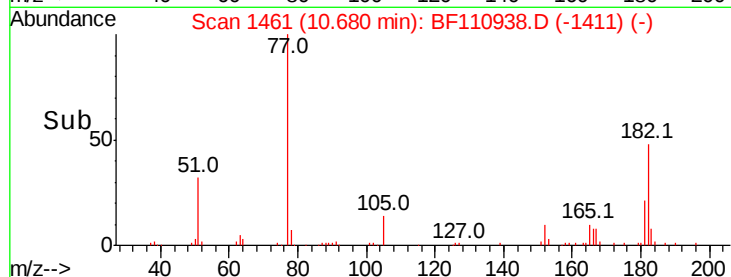
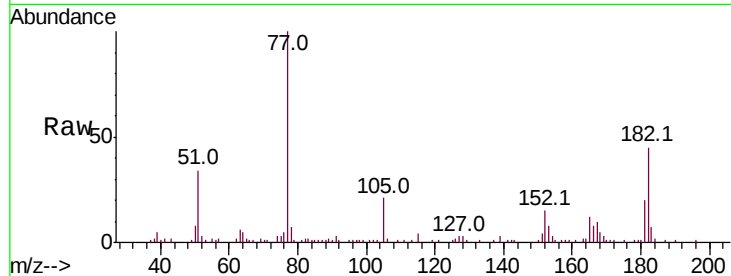
#63
Azobenzene
Concen: 9.356 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	45.3	4.3	44.3#	
105	20.6	1.3	41.3	
51	33.7	9.0	49.0	

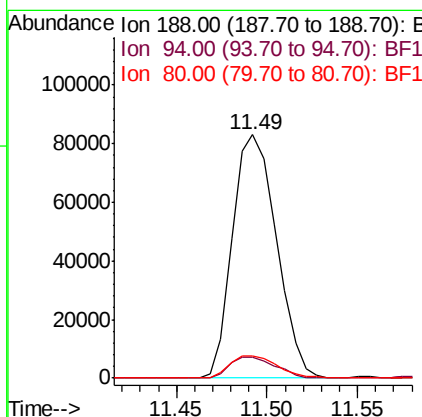
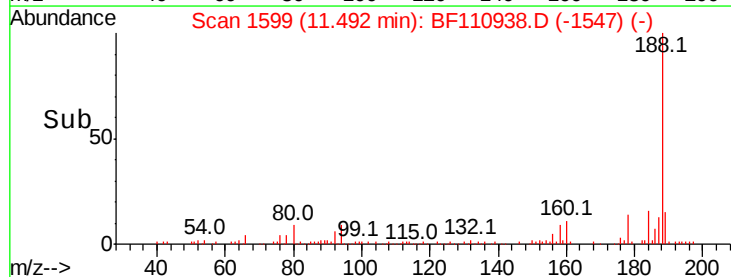
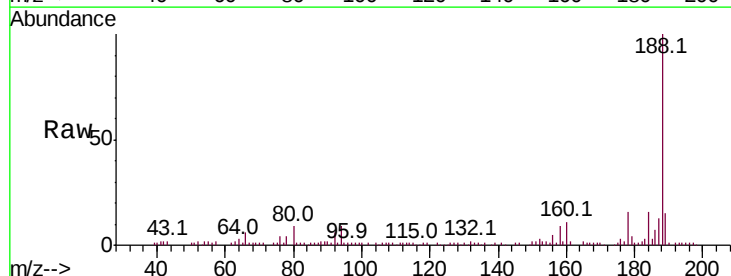
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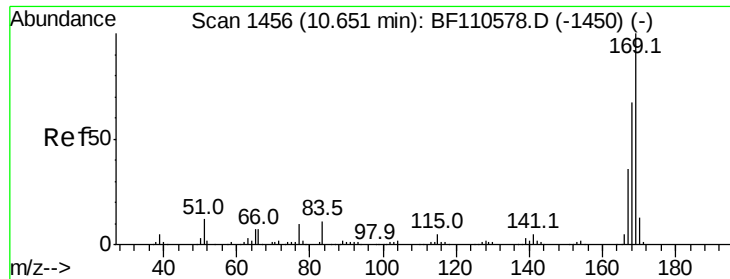
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	7.2	10.8	
80	9.0	7.9	11.9	





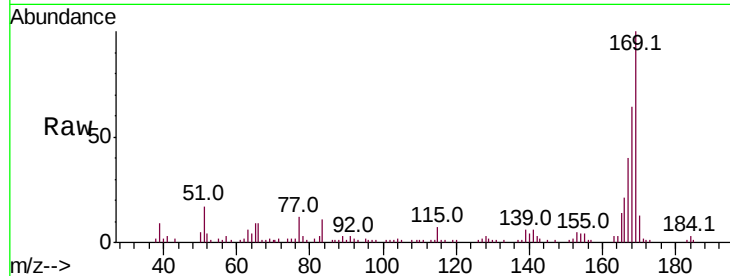
#66
 n-Nitrosodiphenylamine
 Concen: 10.855 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.4	51.2	76.8
167	40.1	27.8	41.6

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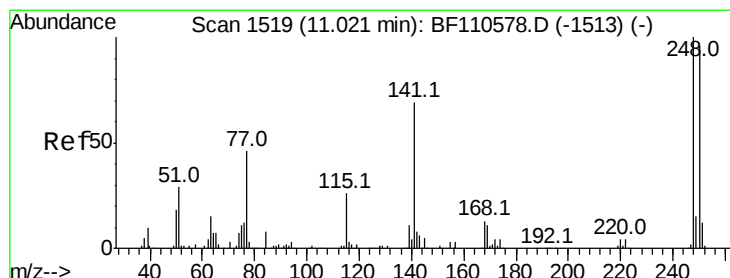
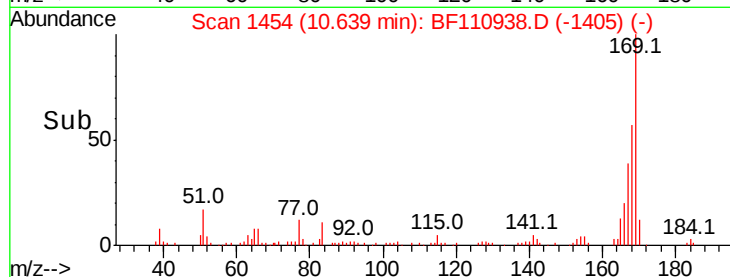
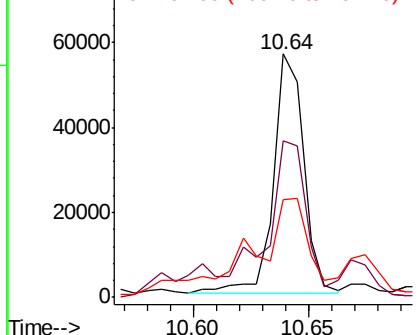


Abundance

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: 9.419 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

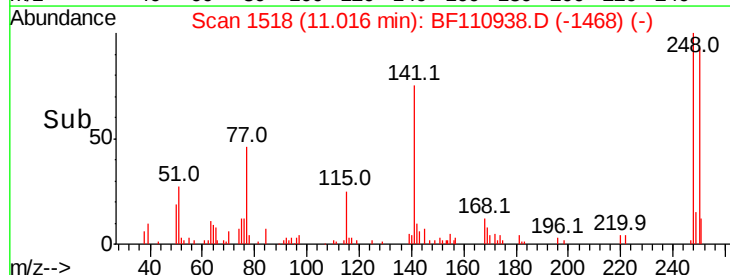
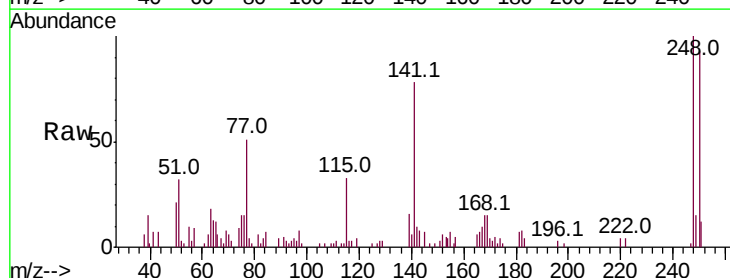
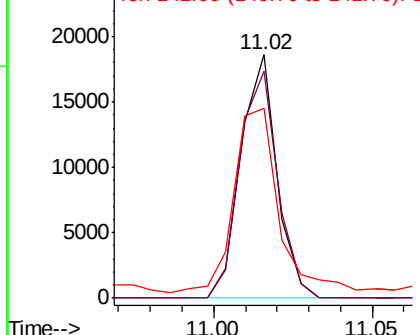
Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.0	79.4	119.2
141	77.9	55.9	83.9

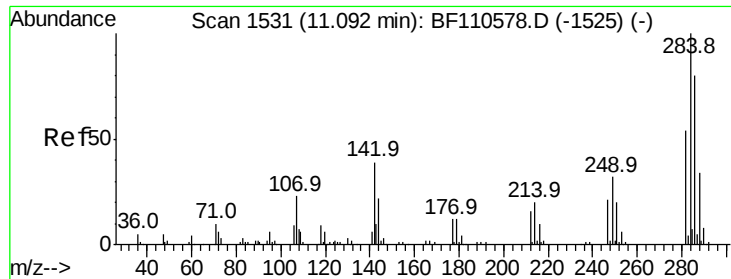
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





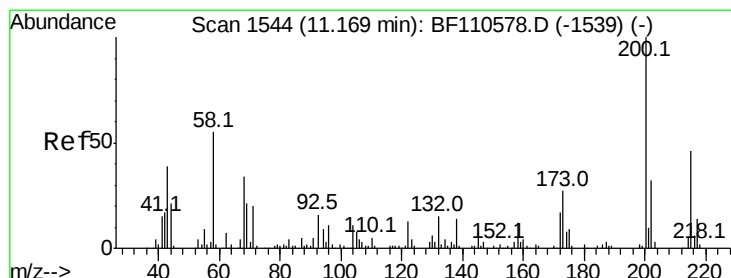
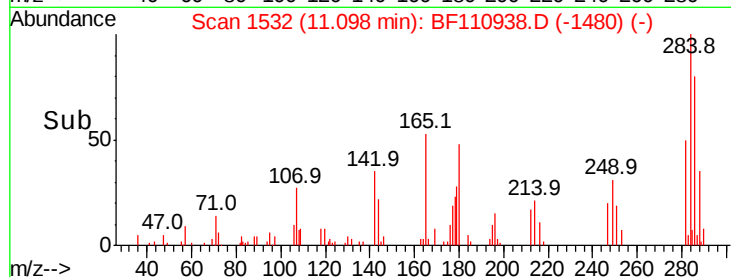
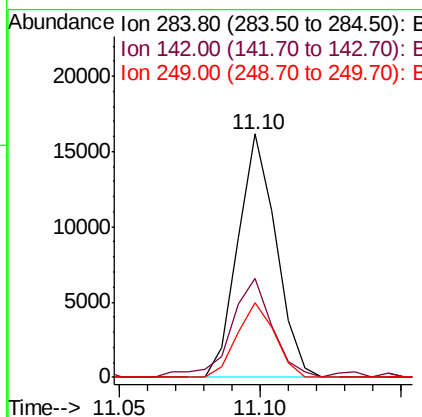
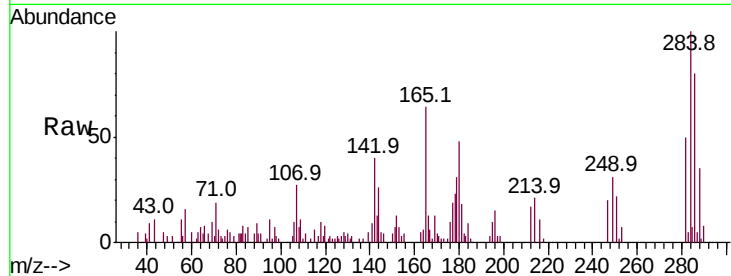
#68
Hexachlorobenzene
Concen: 9.274 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	40.5	23.9	35.9	
249	30.8	24.2	36.2	

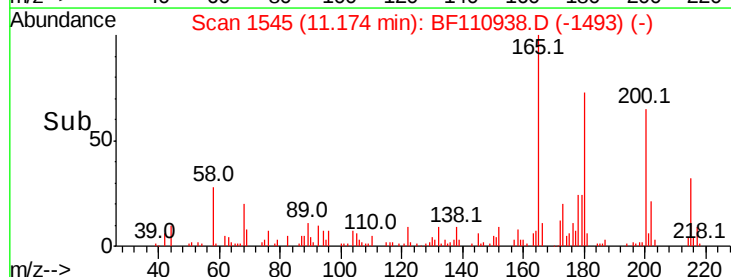
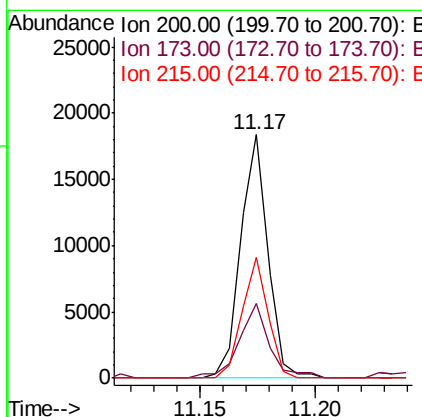
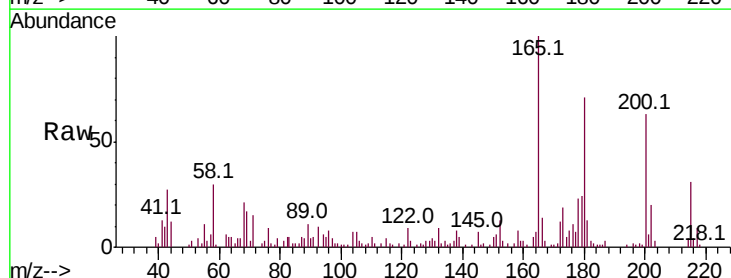
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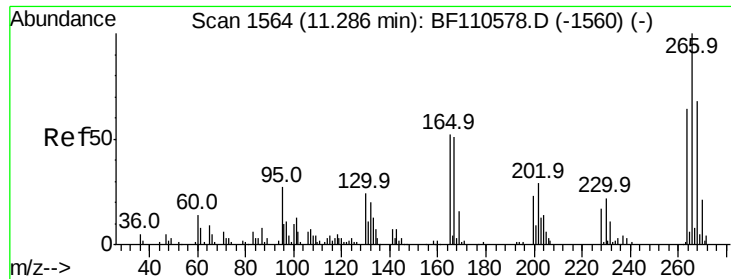
mohammad
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#69
Atrazine
Concen: 10.506 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.6	6.6	46.6	
215	49.6	26.3	66.3	





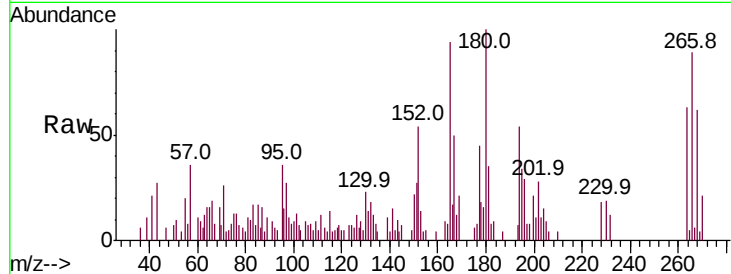
#70
 Pentachlorophenol
 Concen: 10.754 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.02 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

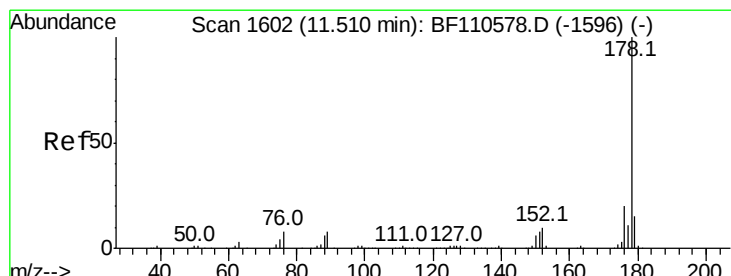
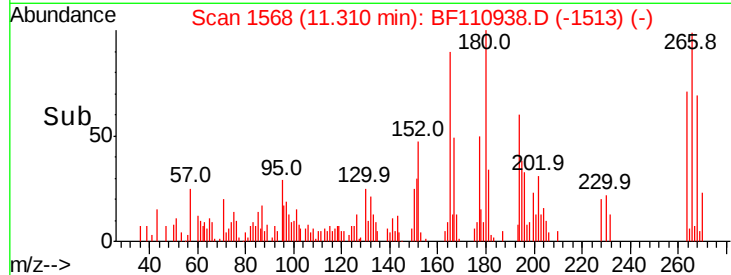
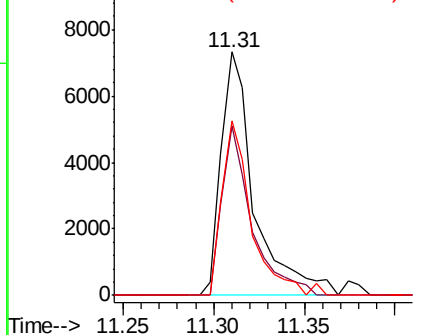
Tot Ion	Ratio	Lower	Upper
266	100		
268	69.6	50.6	75.8
264	77.5	50.6	75.8

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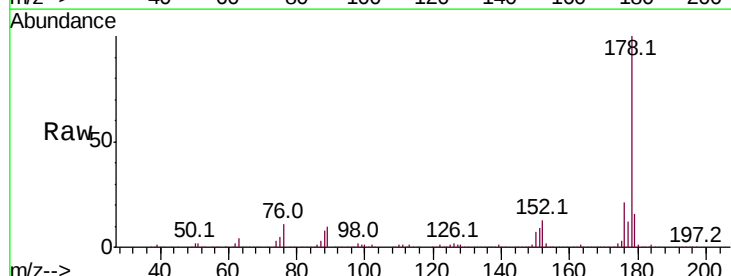


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

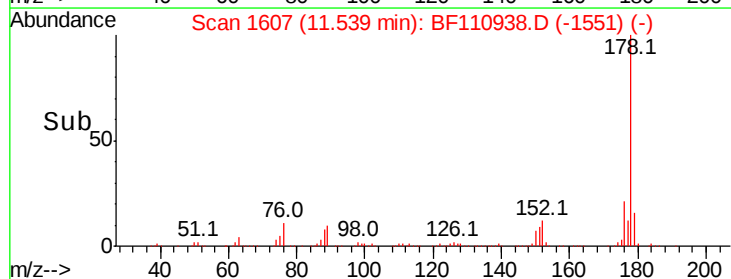
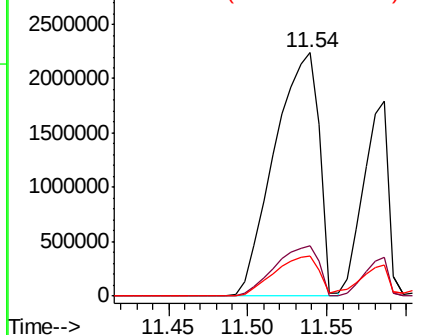


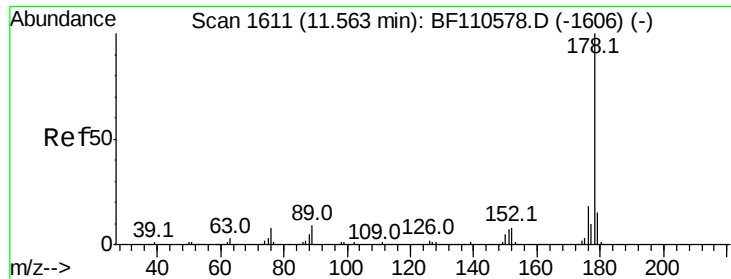
#71
 Phenanthrene
 Concen: 582.197 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.03 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.5	23.3
179	16.5	12.5	18.7



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





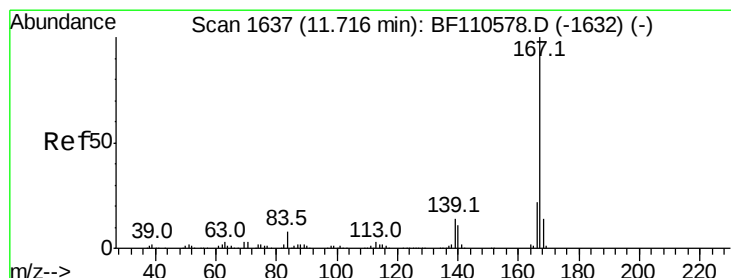
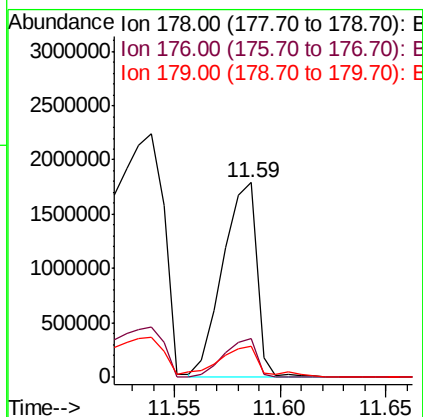
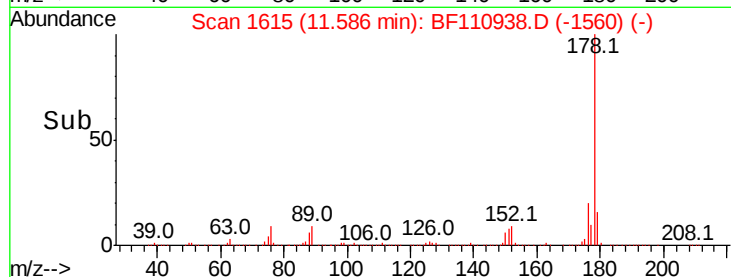
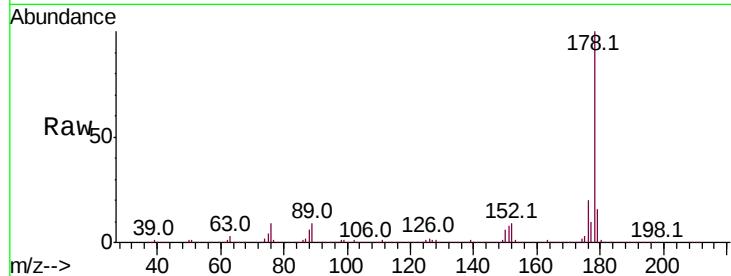
#72
 Anthracene
 Concen: 262.659 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.02 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tot Ion:178 Resp: 1989532
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 16.2 12.6 18.8

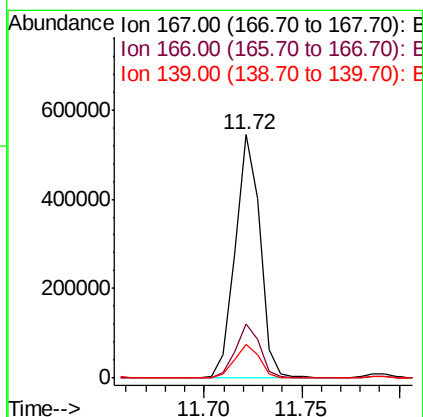
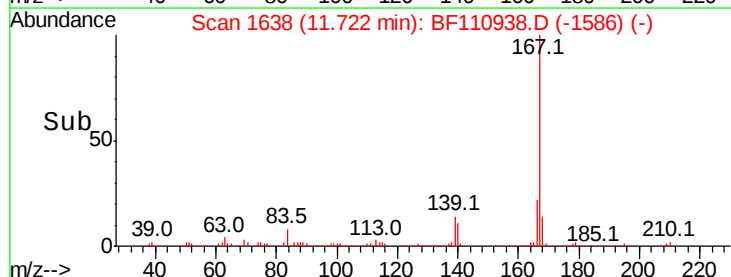
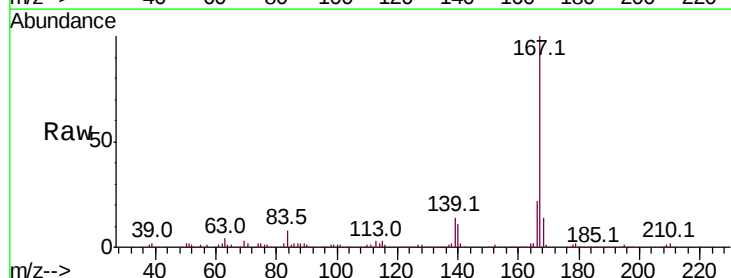
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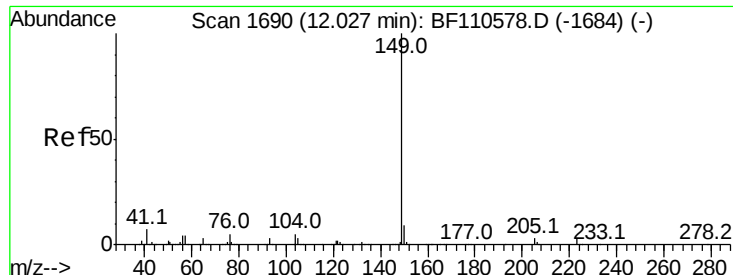
mohammad
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#73
 Carbazole
 Concen: 66.246 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion:167 Resp: 481897
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.0
 139 14.1 10.9 16.3





#74

Di-n-butylphthalate

Concen: 10.455 ng

RT: 12.03 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

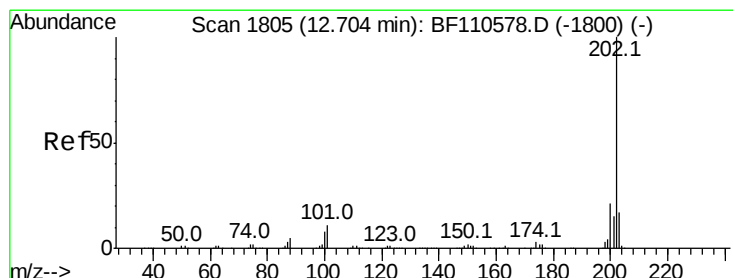
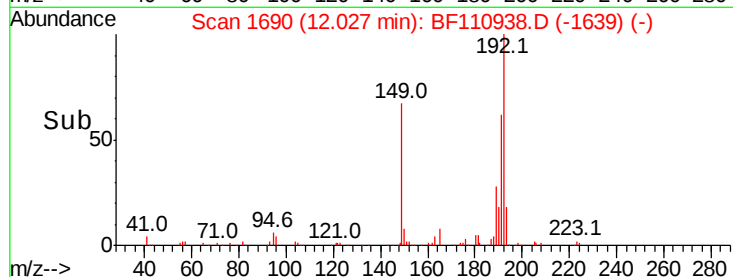
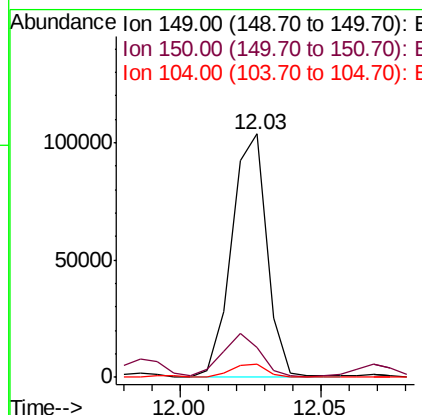
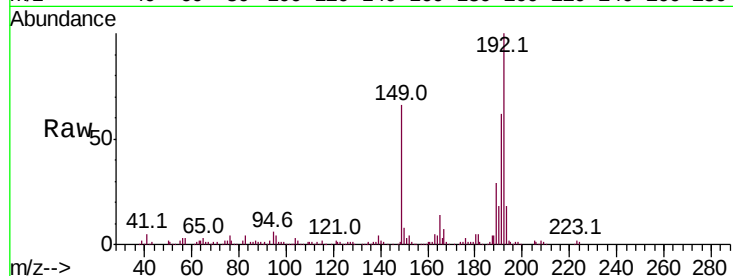
ClientSampleId :

DTW-02(11-13)MS

Tot Ion:	149	Resp:	89183
Ion Ratio	Lower	Upper	
149	100		
150	12.3	7.7	11.5#
104	5.2	4.2	6.4

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#75

Fluoranthene

Concen: 618.217 ng

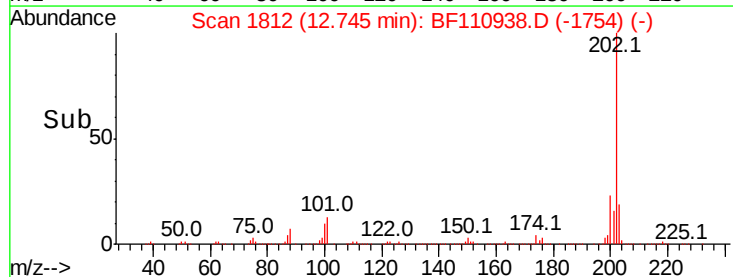
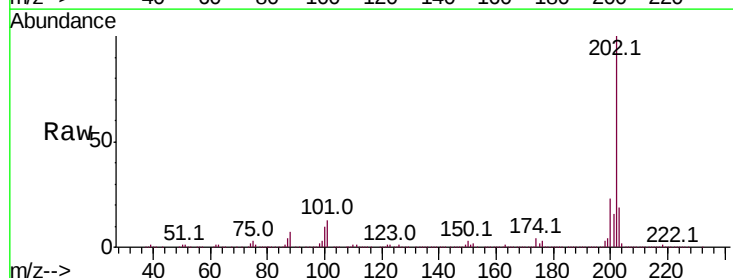
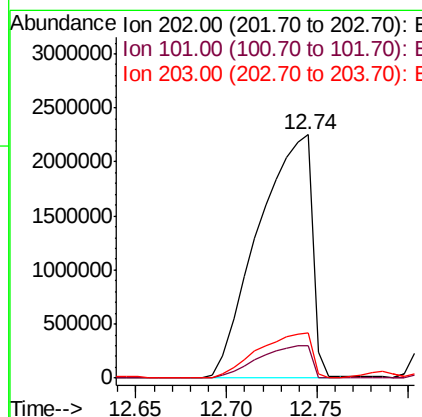
RT: 12.74 min Scan# 1812

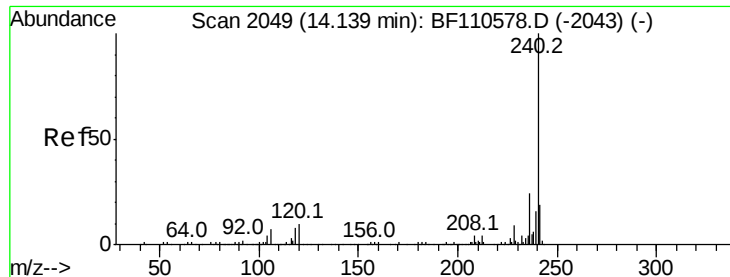
Delta R.T. 0.04 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Tgt Ion:	202	Resp:	4654009
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	31.4
203	18.6	0.0	37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.02 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

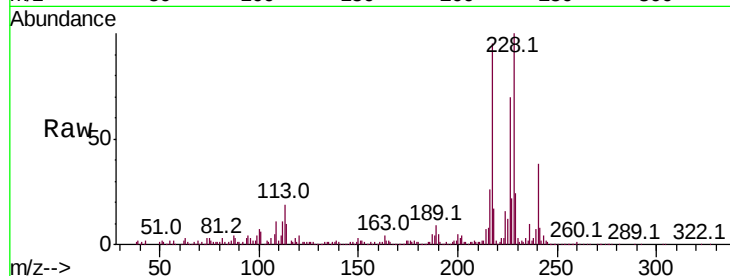
ClientSampleId :

DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	24.8	21.2	31.8

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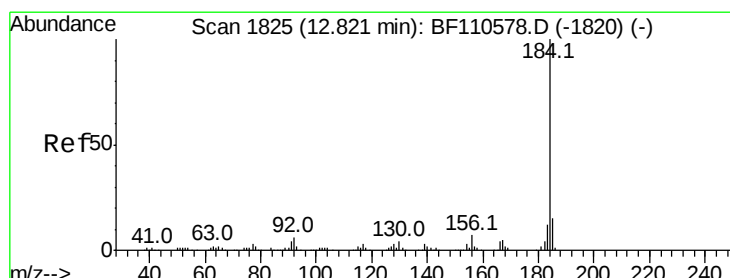
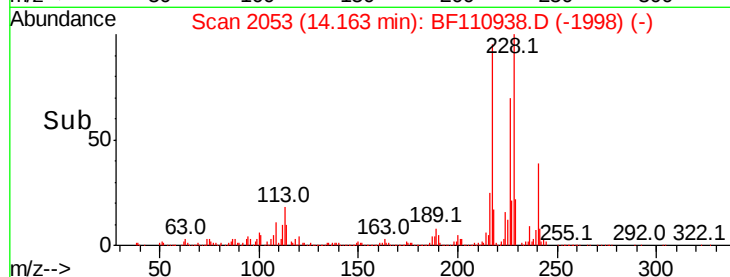
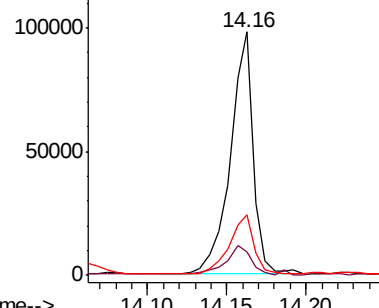


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 9.891 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.02 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

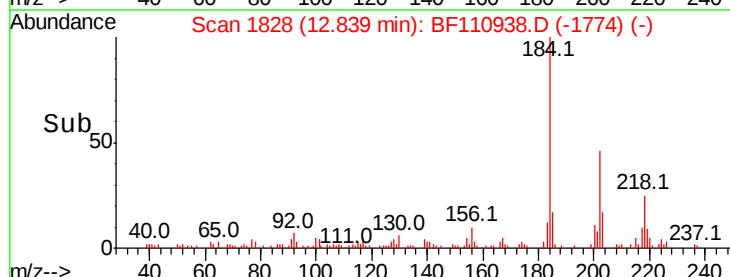
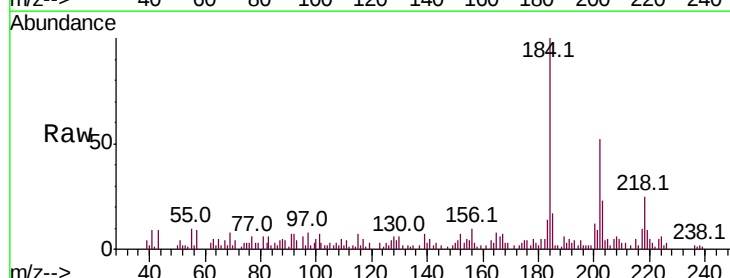
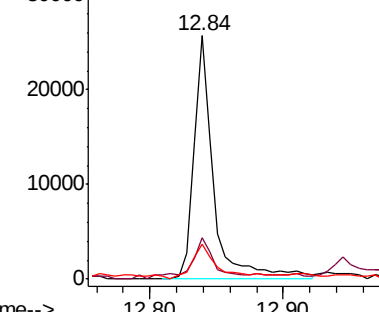
Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.8	13.4	20.2
183	14.1	9.4	14.2

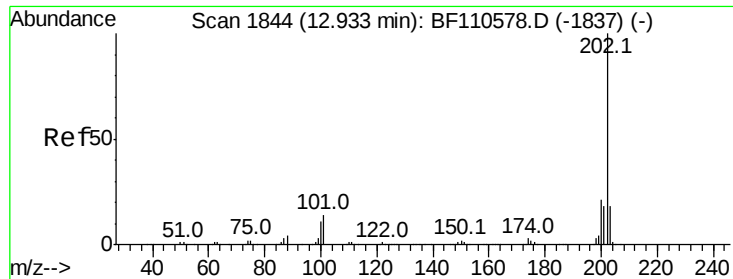
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





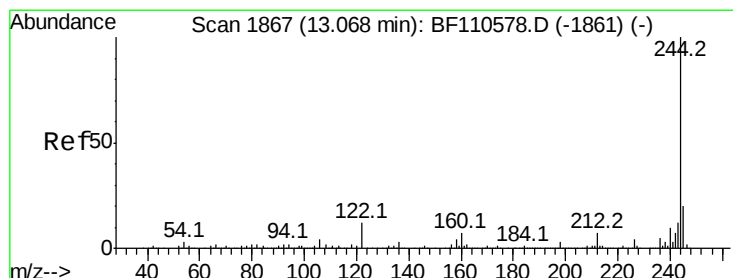
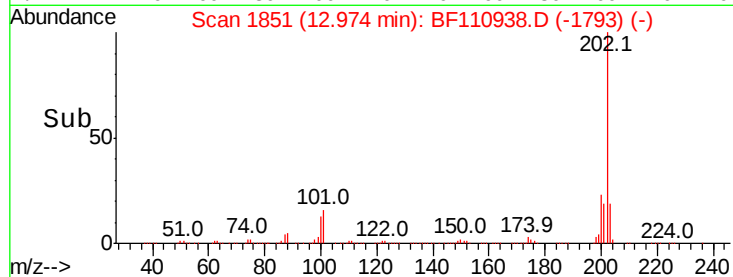
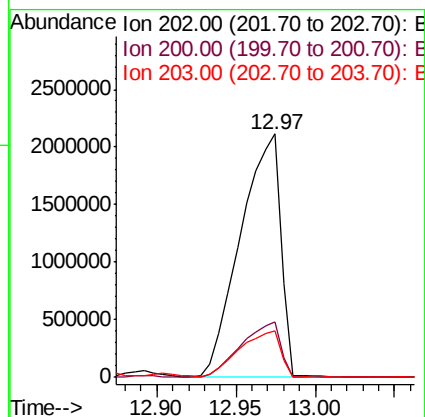
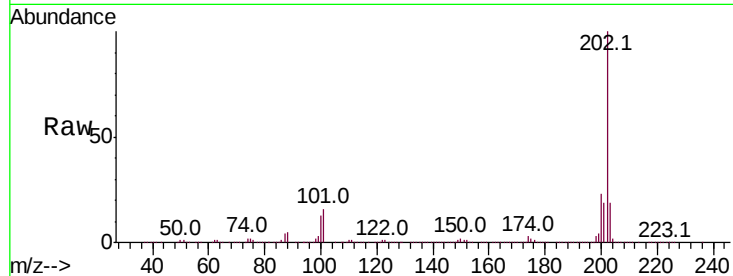
#78
Pvrene
Concen: 491.899 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.04 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion:202 Resp: 3731227
Ion Ratio Lower Upper
202 100
200 22.8 17.8 26.6
203 19.0 14.2 21.4

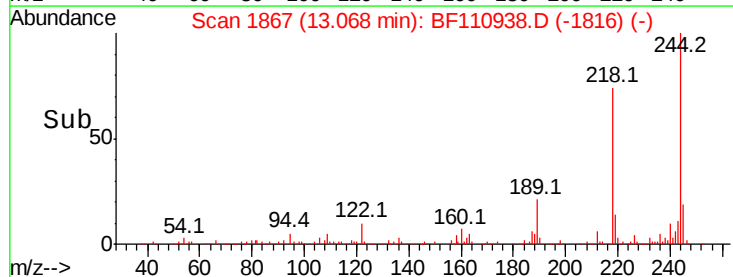
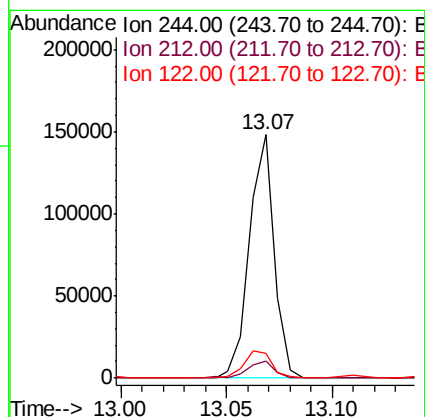
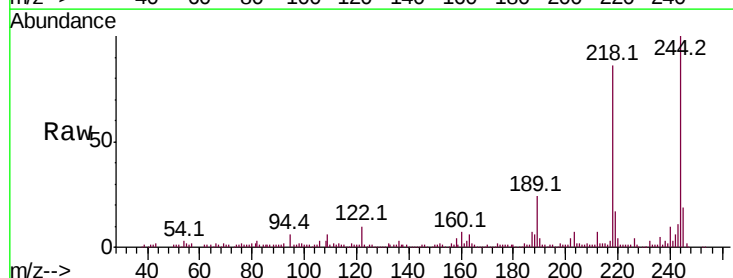
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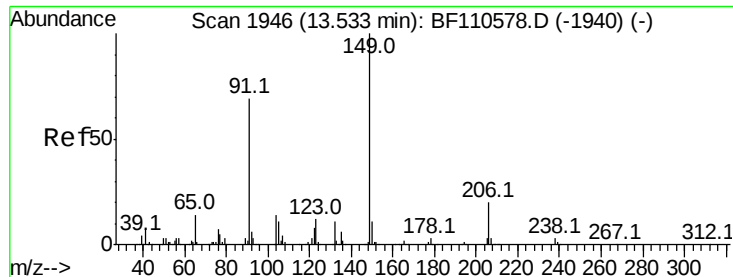
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#79
Terphenyl-d14
Concen: 23.095 ng
RT: 13.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion:244 Resp: 121487
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 10.0 8.7 13.1





#80

Butylbenzylphthalate

Concen: 12.910 ng

RT: 13.53 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

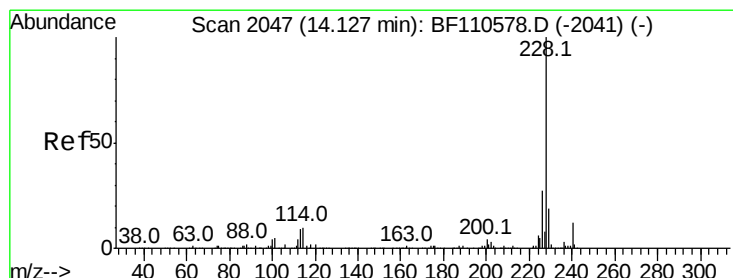
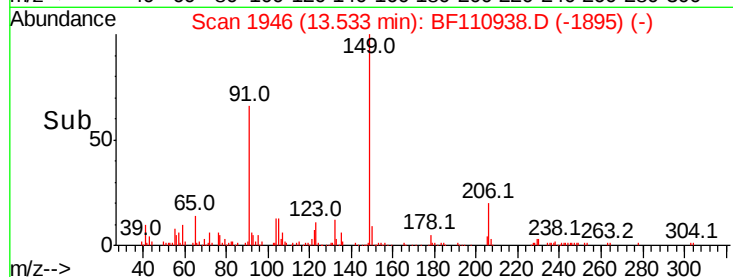
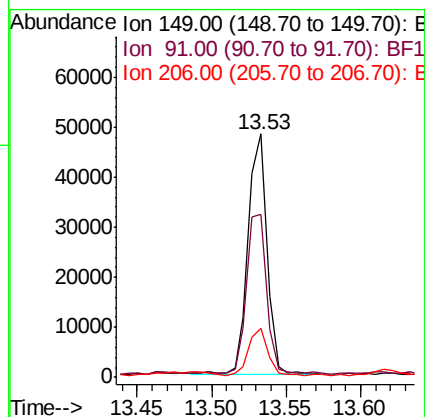
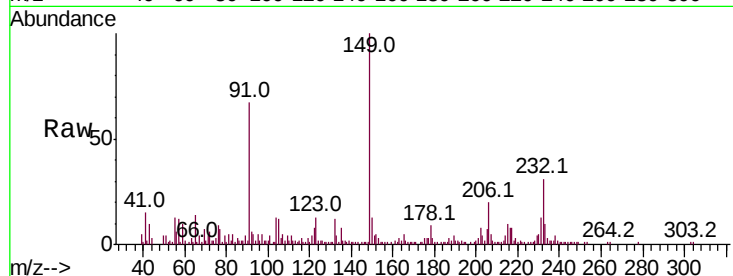
ClientSampleId :

DTW-02(11-13)MS

Tot Ion:	149	Resp:	42148
Ion Ratio	Lower	Upper	
149	100		
91	66.7	57.2	85.8
206	20.1	15.7	23.5

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#81

Benzo(a)anthracene

Concen: 337.343 ng

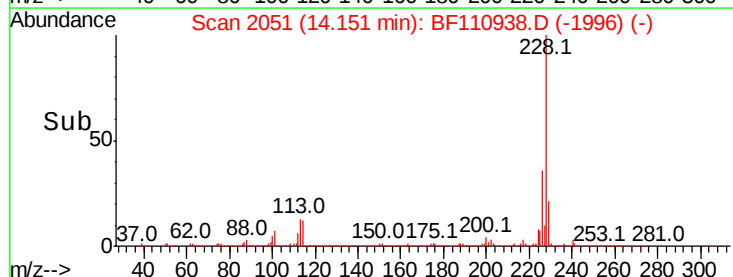
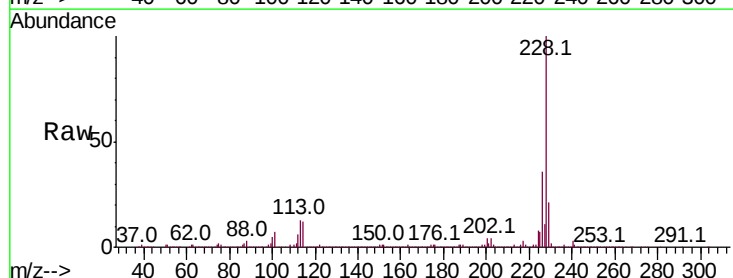
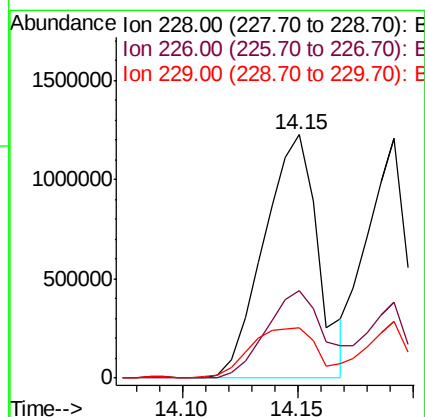
RT: 14.15 min Scan# 2051

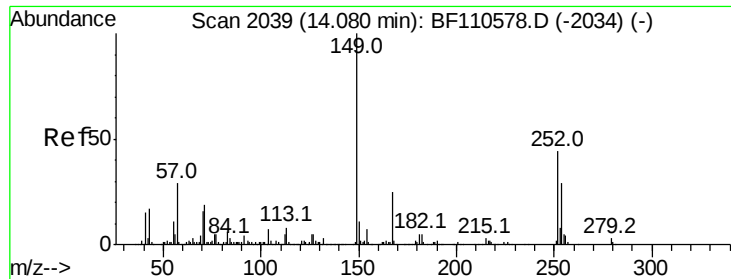
Delta R.T. 0.02 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Tgt Ion:	228	Resp:	1986368
Ion Ratio	Lower	Upper	
228	100		
226	35.9	22.1	33.1#
229	20.9	15.6	23.4





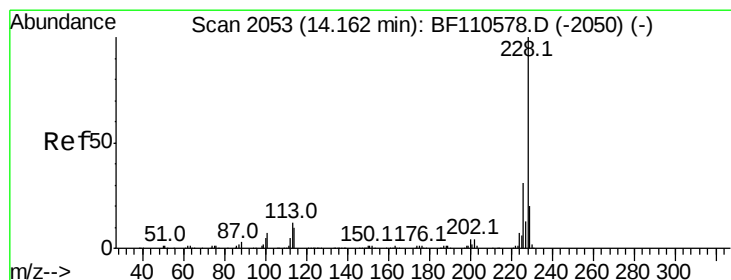
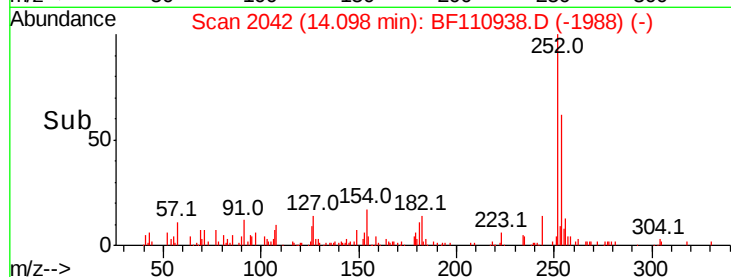
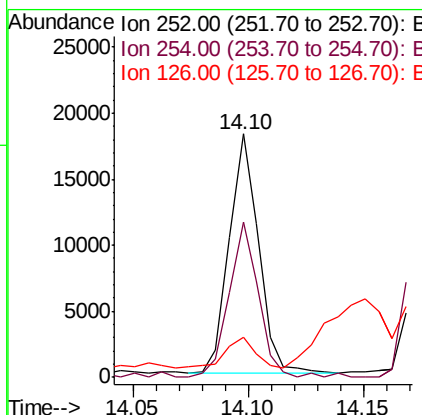
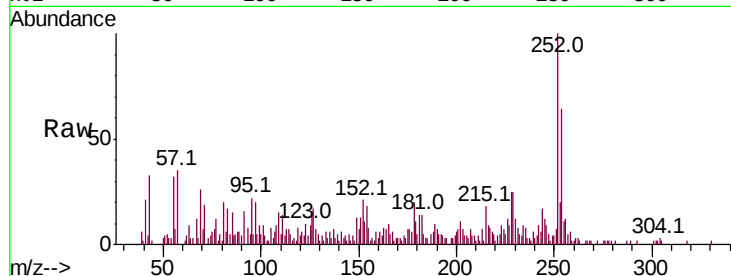
#82
 3,3'-Dichlorobenzidine
 Concen: 8.132 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.02 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.3	76.9
126	16.4	9.4	14.2

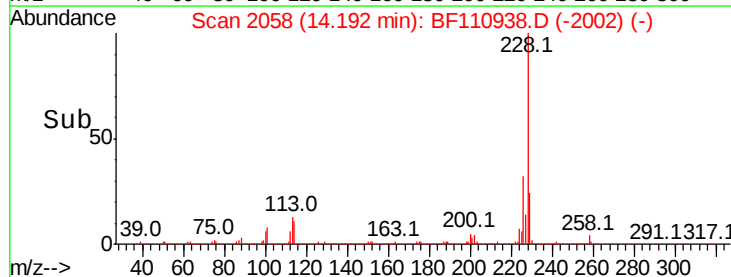
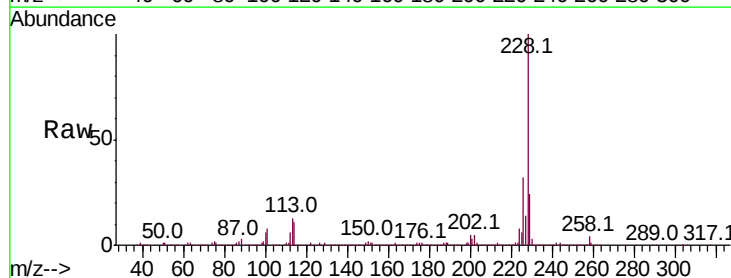
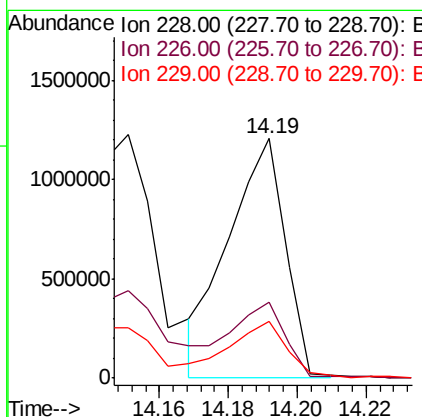
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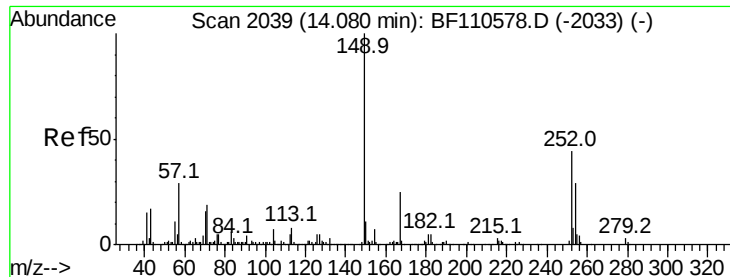
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#83
 Chrysene
 Concen: 248.616 ng m
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.03 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.7	37.1
229	23.9	15.9	23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 14.821 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

DTW-02(11-13)MS

Tot Ion:149 Resp: 60028

Ion Ratio Lower Upper

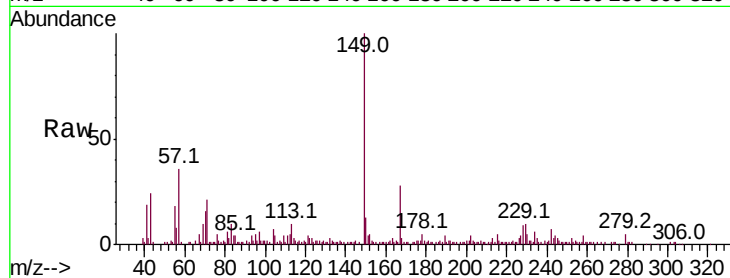
149 100

167 27.7 19.8 29.8

279 4.6 2.7 4.1#

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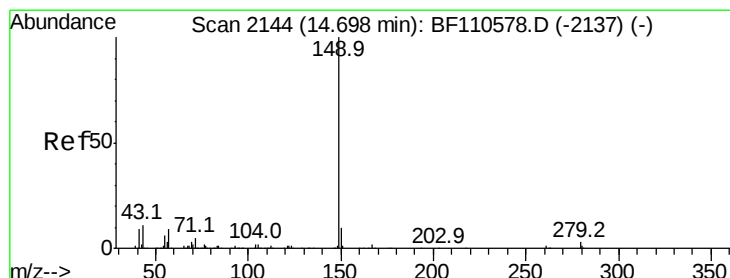
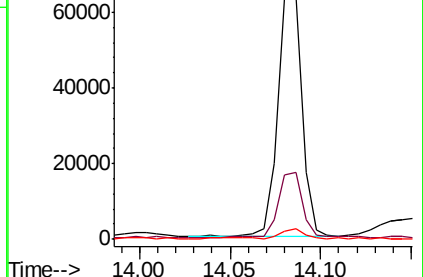
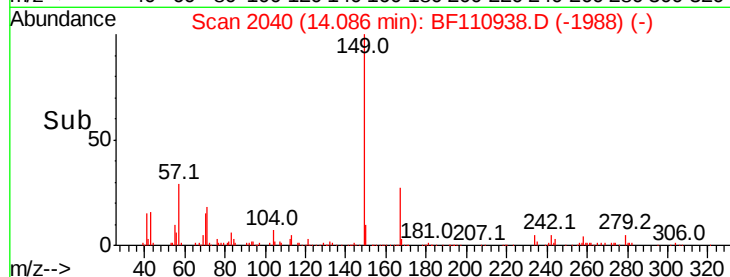
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 16.130 ng

RT: 14.70 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BF110938.D

Acq: 21 Nov 2018 19:48

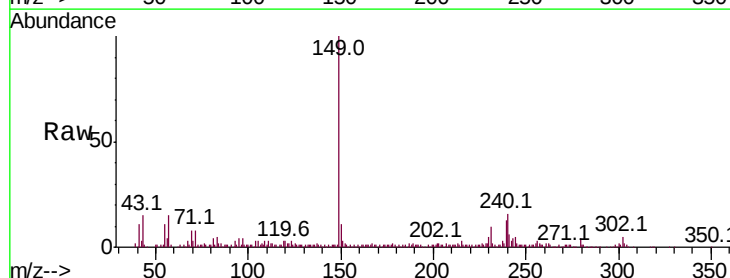
Tgt Ion:149 Resp: 96065

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

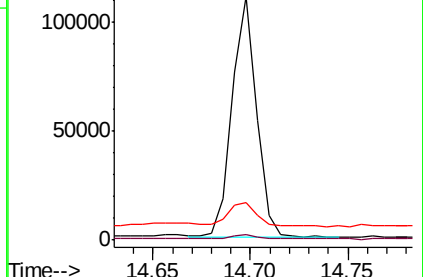
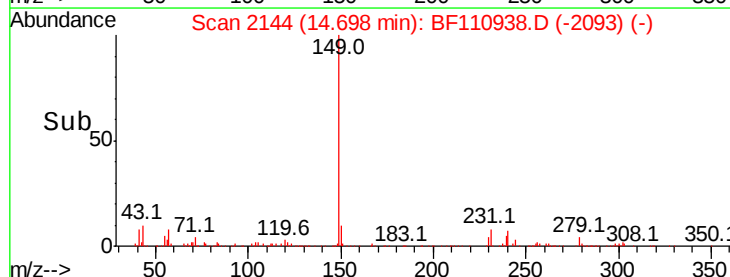
43 11.1 7.8 11.8

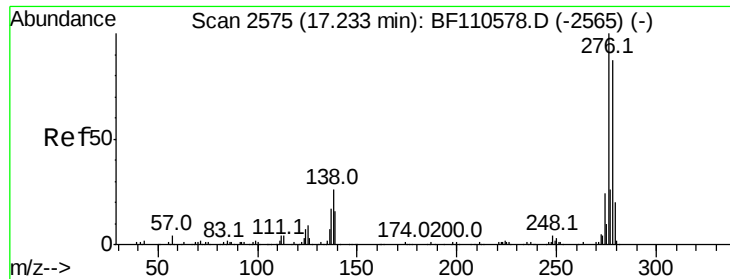


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





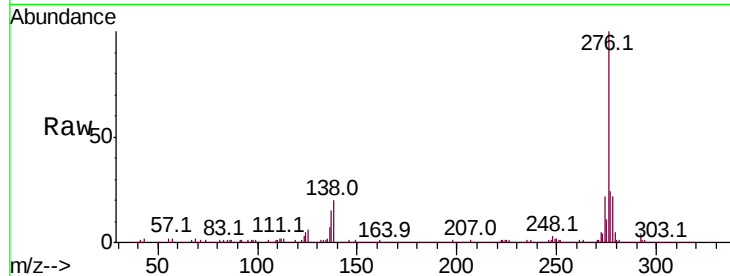
#86
Indeno(1,2,3-cd)pyrene
Concen: 151.446 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.07 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.6	18.5	27.7
277	23.8	20.0	30.0

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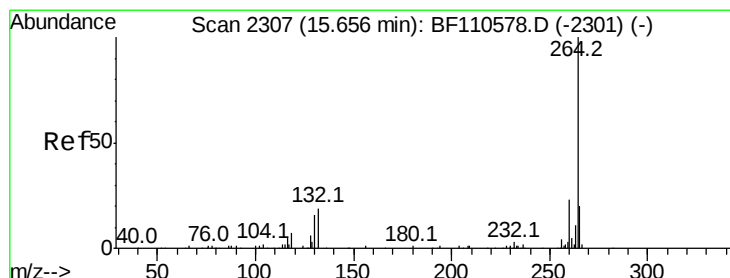
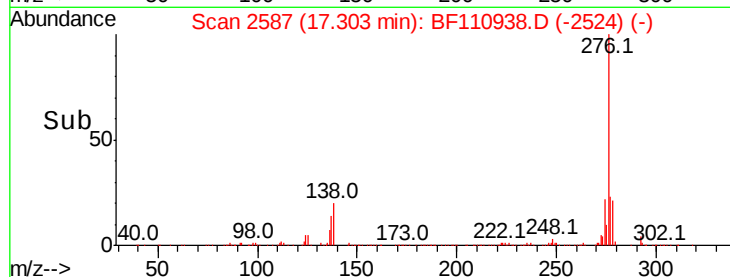
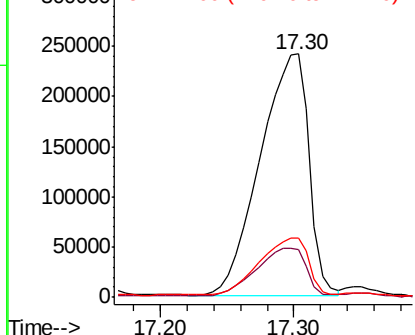


Abundance

Ion 276.00 (275.70 to 276.70): E

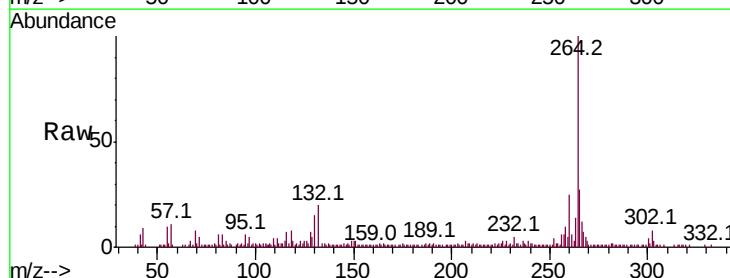
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.03 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	26.7	16.7	25.1#

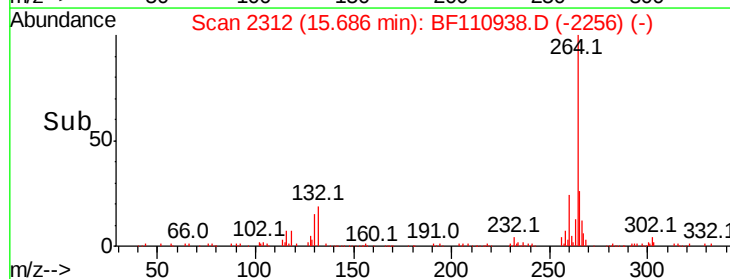
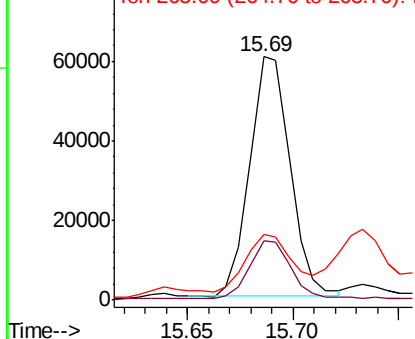


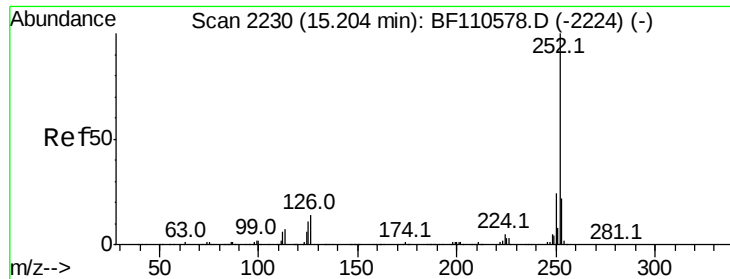
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





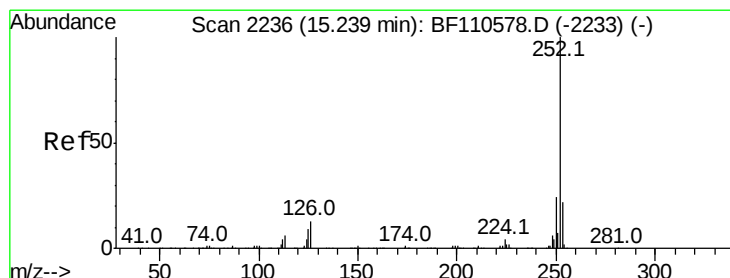
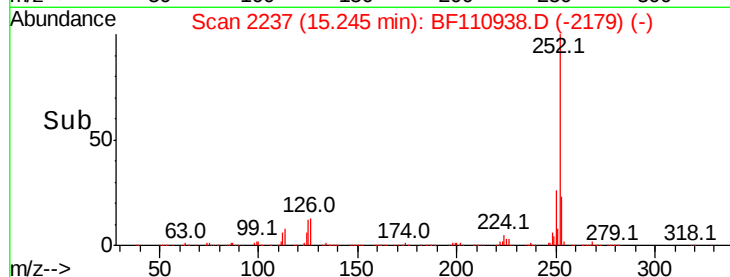
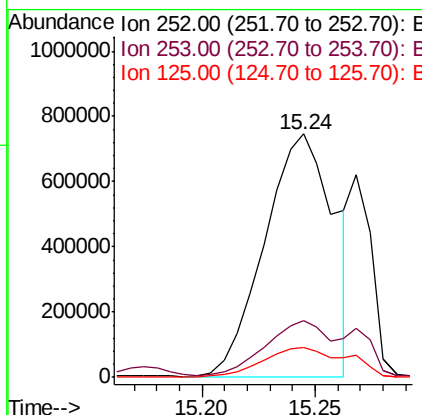
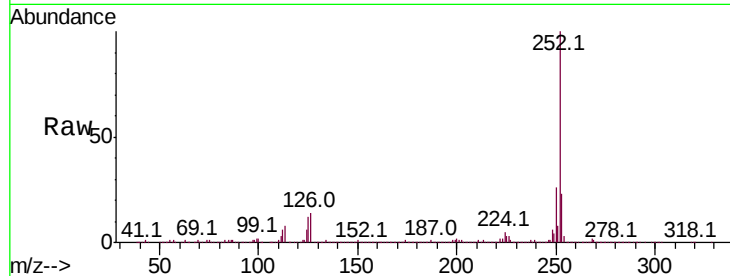
#88
Benzo(b)fluoranthene
Concen: 333.200 ng m
RT: 15.24 min Scan# 2237
Delta R.T. 0.04 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	12.3	8.2	12.4

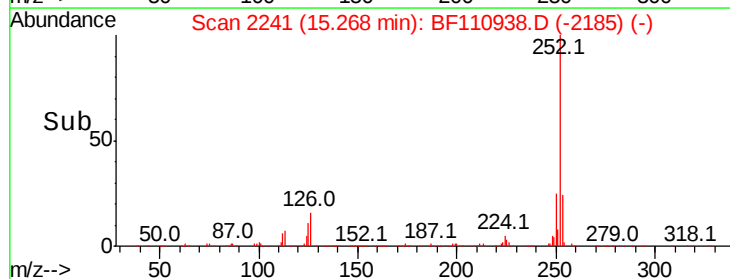
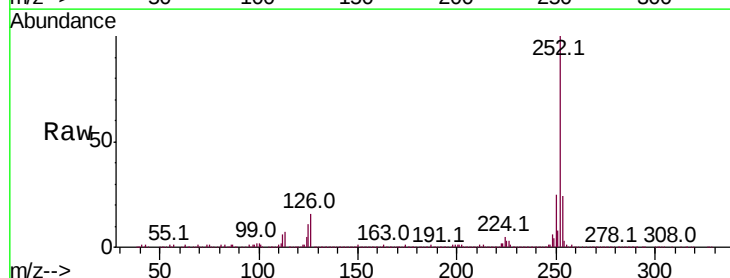
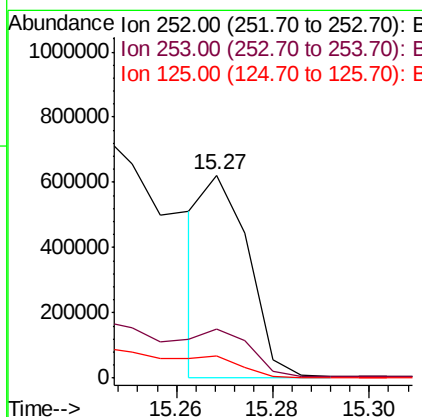
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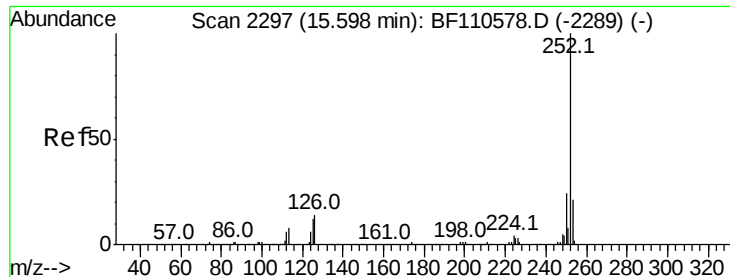
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#89
Benzo(k)fluoranthene
Concen: 83.999 ng m
RT: 15.27 min Scan# 2241
Delta R.T. 0.03 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	11.0	7.4	11.0





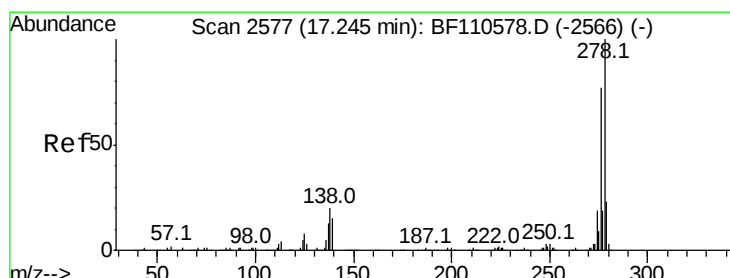
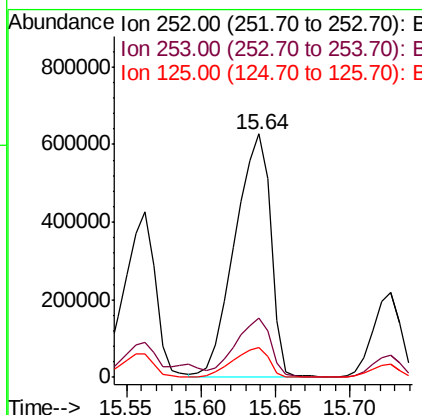
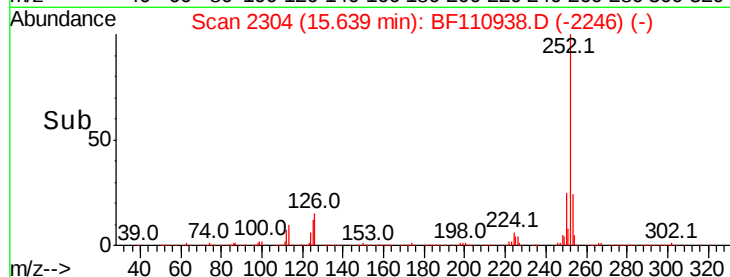
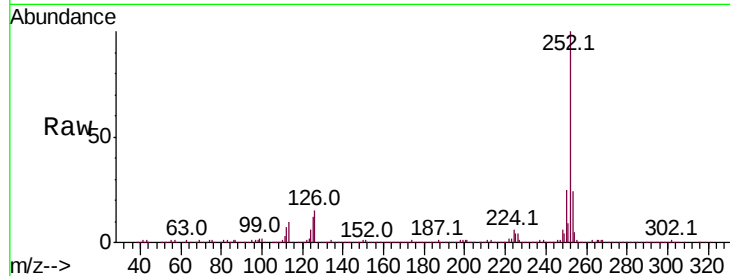
#90
Benzo(a)pyrene
Concen: 237.519 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.04 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.4
125	12.3	9.0	13.6

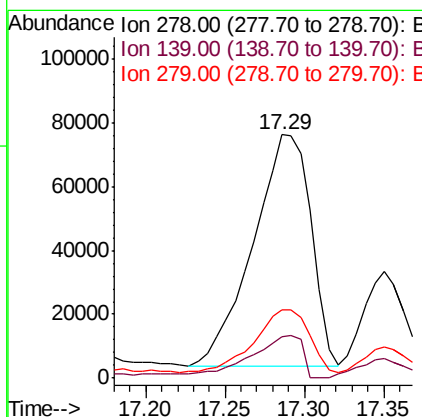
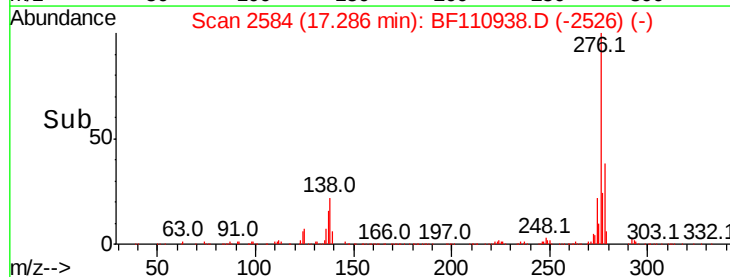
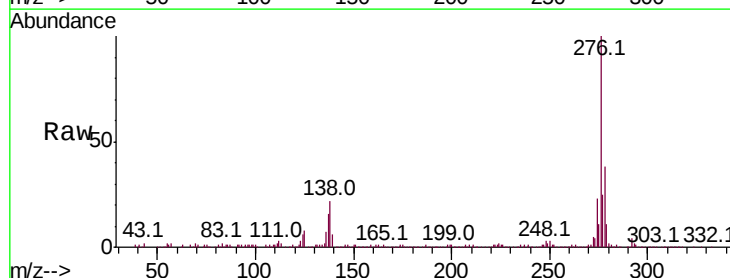
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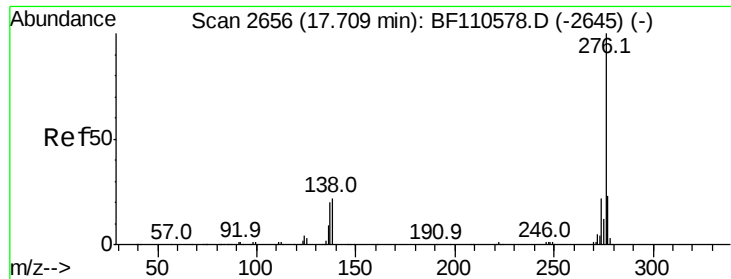
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 49.328 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.04 min
Lab File: BF110938.D
Acq: 21 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.7	19.1
279	27.8	19.0	28.4





#92
 Benzo(a,h,i)perylene
 Concen: 136.943 ng
 RT: 17.79 min Scan# 2669
 Delta R.T. 0.08 min
 Lab File: BF110938.D
 Acq: 21 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 DTW-02(11-13)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.8	28.2
138	20.5	16.0	24.0

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