

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110970.D
 Acq On : 26 Nov 2018 18:15
 Operator : JU/SJ
 Sample : J6030-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 DTW-03MSD

Manual Integrations
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mohammad
 11/27/2018 11:47:45 AM

Quant Time: Nov 27 10:48:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61595	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	248950	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	123921	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	195092	20.00	ng	0.00
76) Chrysene-d12	14.13	240	127018	20.00	ng	0.00
87) Perylene-d12	15.67	264	128837	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	302542	81.45	ng	0.02
7) Phenol-d6	6.59	99	262339	54.20	ng	0.02
23) Nitrobenzene-d5	7.51	82	341814	78.58	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	126042	102.41	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	626884	73.29	ng	0.00
79) Terphenyl-d14	13.06	244	489197	74.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	27944	15.703	ng	89
3) Pyridine	3.76	79	8127m	2.086	ng	
4) n-Nitrosodimethylamine	3.55	42	32698	18.338	ng	# 74
6) Aniline	6.62	93	22842	3.817	ng	# 43
8) 2-Chlorophenol	6.75	128	176417	40.077	ng	97
9) Benzaldehyde	6.50	77	68572	23.584	ng	97
10) Phenol	6.61	94	163860	30.060	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	172754	42.065	ng	96
12) 1,3-Dichlorobenzene	6.88	146	183082	37.859	ng	97
13) 1,4-Dichlorobenzene	6.96	146	186281	37.459	ng	98
14) 1,2-Dichlorobenzene	7.11	146	161792	34.568	ng	94
15) Benzyl Alcohol	7.10	79	141246	37.971	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.20	45	249120	38.117	ng	# 55
17) 2-Methylphenol	7.20	107	148727	42.494	ng	92
18) Hexachloroethane	7.44	117	70641	38.617	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	130890	41.513	ng	93
20) 3+4-Methylphenols	7.36	107	258259	55.510	ng	# 79
22) Acetophenone	7.36	105	479848	82.231	ng	# 94
24) Nitrobenzene	7.53	77	187631	41.478	ng	96
25) Isophorone	7.77	82	356692	49.989	ng	98
26) 2-Nitrophenol	7.85	139	99236	45.154	ng	96
27) 2,4-Dimethylphenol	7.88	122	189261	57.025	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	237494	49.682	ng	# 90
29) 2,4-Dichlorophenol	8.10	162	147811	42.560	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	159577	41.000	ng	96
31) Naphthalene	8.26	128	3629853	311.051	ng	97
32) Benzoic acid	8.06	122	200724m	81.345	ng	
33) 4-Chloroaniline	8.33	127	20110	4.049	ng	# 1
34) Hexachlorobutadiene	8.35	225	87721	39.570	ng	98
35) Caprolactam	8.70	113	2937	2.477	ng	# 25
36) 4-Chloro-3-methylphenol	8.78	107	165232	42.819	ng	96
37) 2-Methylnaphthalene	8.93	142	456670	59.247	ng	99
38) 1-Methylnaphthalene	9.04	142	422900	56.406	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	153765	39.445	ng	98

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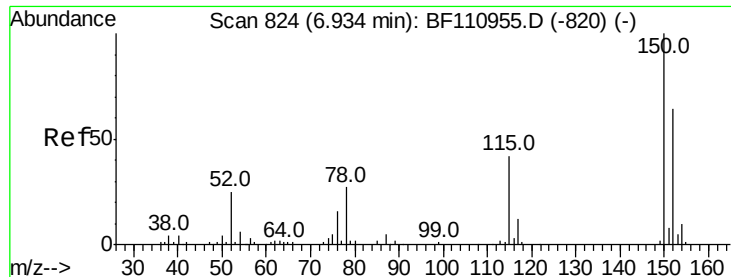
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	1073	13.447	nq	81
43) 2,4,6-Trichlorophenol	9.22	196	104951	45.078	nq	96
44) 2,4,5-Trichlorophenol	9.27	196	111292	45.398	nq	94
46) 1,1'-Biphenyl	9.40	154	473005	41.402	nq	99
47) 2-Chloronaphthalene	9.43	162	337181	40.704	nq	98
48) 2-Nitroaniline	9.54	65	105401	40.680	nq	98
49) Acenaphthylene	9.85	152	478060	40.585	nq	99
50) Dimethylphthalate	9.70	163	388412	42.737	nq	98
51) 2,6-Dinitrotoluene	9.77	165	85129	42.075	nq #	90
52) Acenaphthene	10.02	154	315656	41.802	nq	99
53) 3-Nitroaniline	9.96	138	22299	9.456	nq #	92
54) 2,4-Dinitrophenol	10.07	184	56277	78.785	nq	94
55) Dibenzofuran	10.19	168	512254	46.500	nq	98
56) 4-Nitrophenol	10.14	139	53095	42.595	nq	87
57) 2,4-Dinitrotoluene	10.19	165	104835	39.937	nq #	88
58) Fluorene	10.53	166	419213	48.910	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	91356	45.408	nq #	91
60) Diethylphthalate	10.40	149	380089	40.555	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	176476	39.365	nq	95
62) 4-Nitroaniline	10.57	138	48428	22.057	nq	98
63) Azobenzene	10.68	77	318773	34.896	nq	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	38035	41.215	nq	84
66) n-Nitrosodiphenylamine	10.64	169	302949	46.647	nq	96
67) 4-Bromophenyl-phenylether	11.01	248	98667	46.438	nq #	89
68) Hexachlorobenzene	11.09	284	104747	46.284	nq	94
69) Atrazine	11.18	200	16055	7.762	nq	96
70) Pentachlorophenol	11.29	266	99494	110.502	nq	97
71) Phenanthrene	11.50	178	648678	62.780	nq	100
72) Anthracene	11.56	178	499516	47.470	nq	100
73) Carbazole	11.72	167	380522	37.257	nq	99
74) Di-n-butylphthalate	12.02	149	530359	44.413	nq	99
75) Fluoranthene	12.71	202	431555	40.637	nq	100
77) Benzidine	12.85	184	588	0.181	nq #	1
78) Pyrene	12.94	202	418323	45.092	nq	98
80) Butylbenzylphthalate	13.52	149	181969	43.446	nq	98
81) Benzo(a)anthracene	14.12	228	343098	45.753	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	1971	0.767	nq #	78
83) Chrysene	14.16	228	329922	44.692	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	259278	46.457	nq	99
85) Di-n-octyl phthalate	14.69	149	429575	48.762	nq	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	349381	65.935	nq	98
88) Benzo(b)fluoranthene	15.21	252	355442	46.962	nq	100
89) Benzo(k)fluoranthene	15.24	252	317599	40.768	nq	98
90) Benzo(a)pyrene	15.60	252	329832	46.817	nq	99
91) Dibenzo(a,h)anthracene	17.26	278	298231	51.306	nq	99
92) Benzo(g,h,i)perylene	17.74	276	270121	48.196	nq	100

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



#1

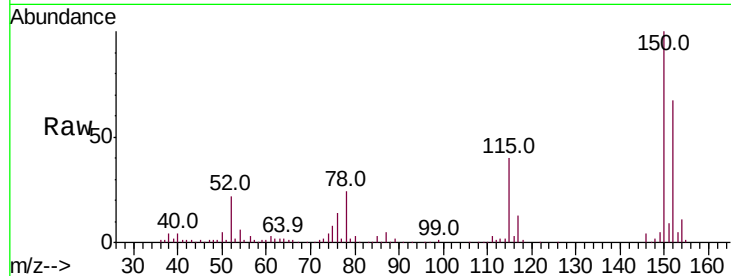
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	122.7	184.1
115	59.5	49.1	73.7

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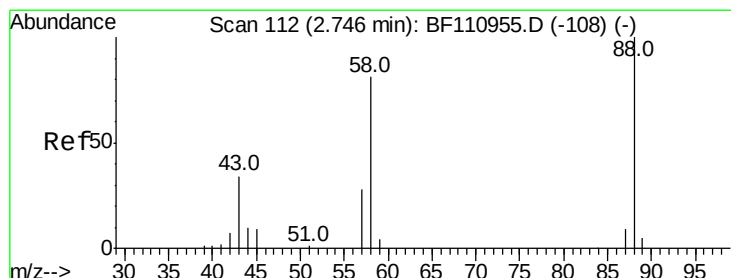
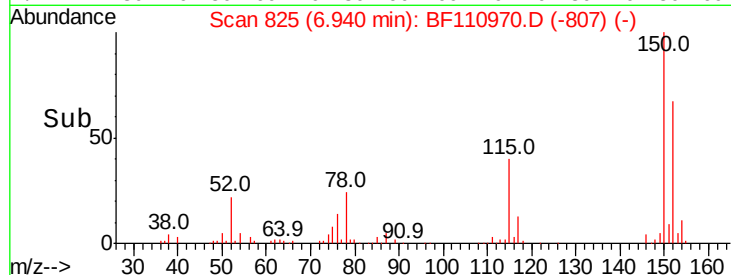
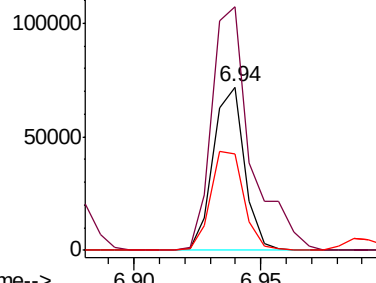


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

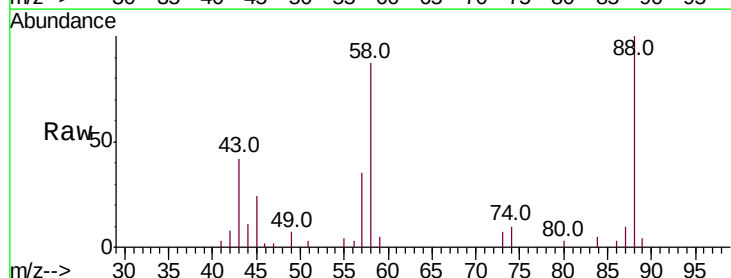
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 15.703 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.04 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	57.1	85.7
43	34.9	24.1	36.1

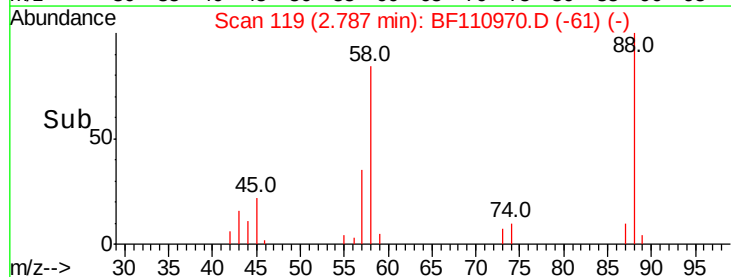
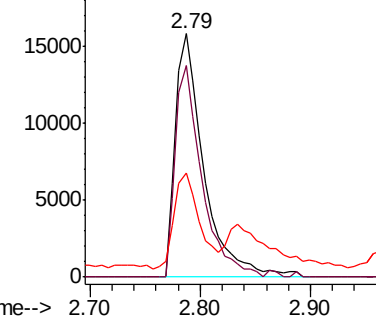


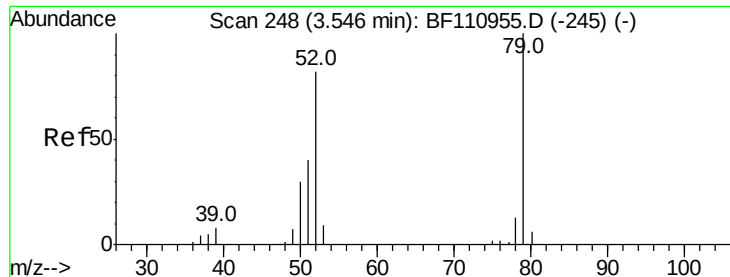
Abundance

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: 2.086 ng/ml

RT: 3.76 min Scan# 284

Delta R.T. 0.21 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

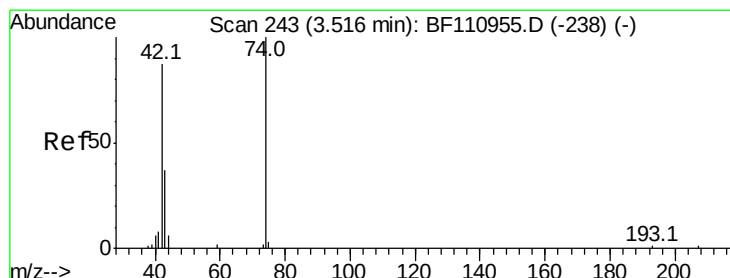
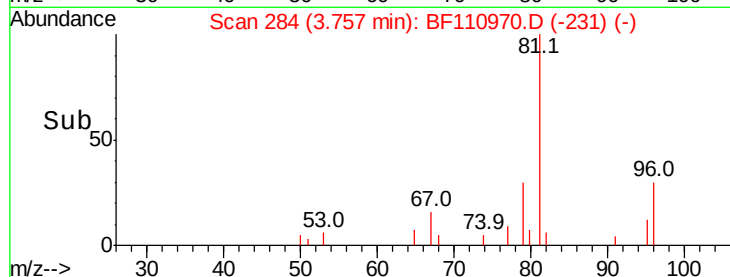
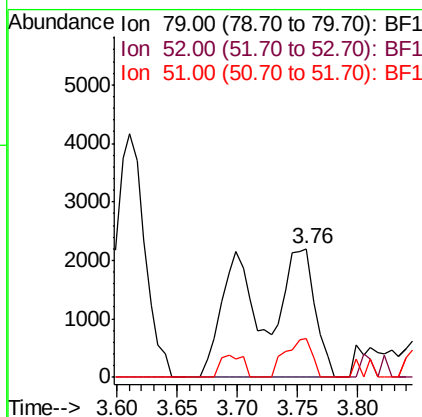
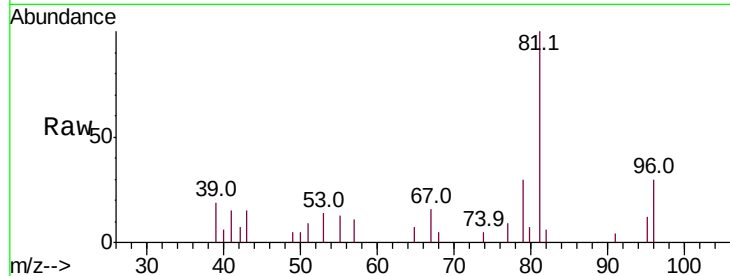
ClientSampleId :

DTW-03MSD

Tot Ion:	79	Resp:	8127
Ion Ratio	Lower	Upper	
79	100		
52	0.0	53.1	79.7#
51	29.9	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 18.338 ng/ml

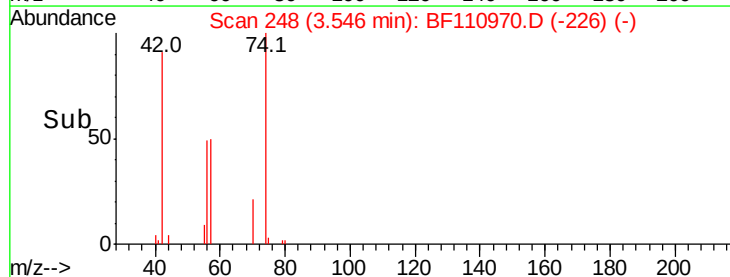
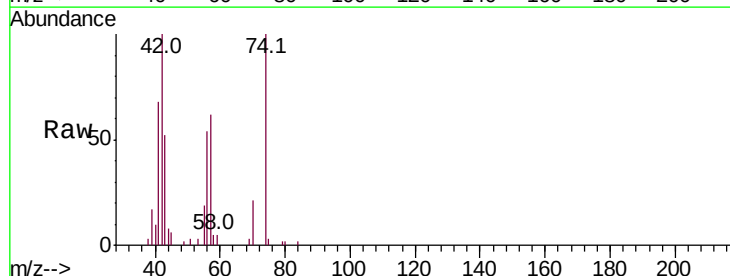
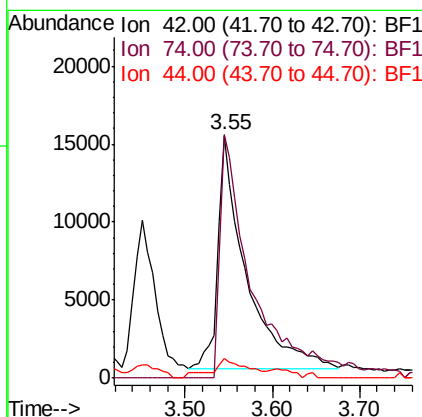
RT: 3.55 min Scan# 248

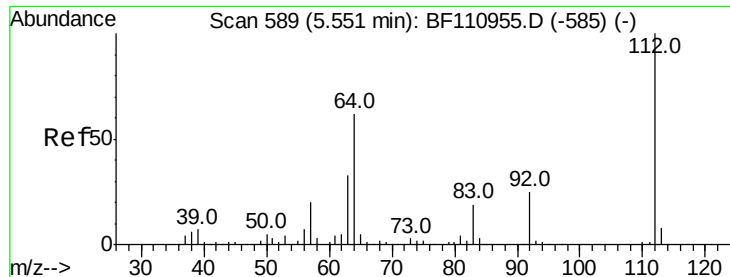
Delta R.T. 0.03 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Tgt Ion:	42	Resp:	32698
Ion Ratio	Lower	Upper	
42	100		
74	100.5	105.5	158.3#
44	8.1	4.9	7.3#





#5

2-Fluorophenol

Concen: 81.453 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.02 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

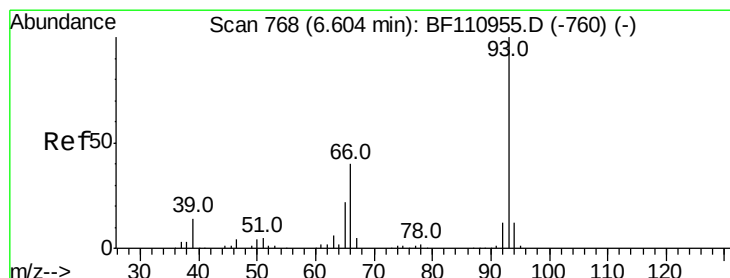
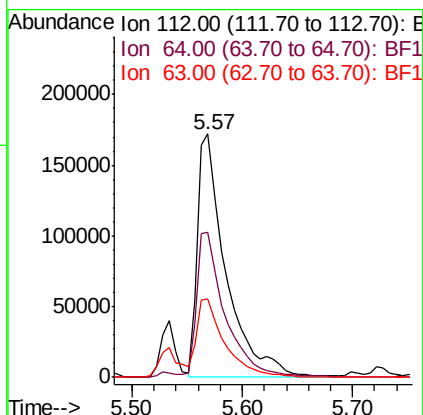
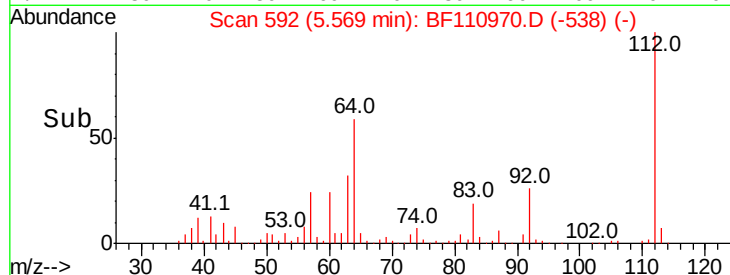
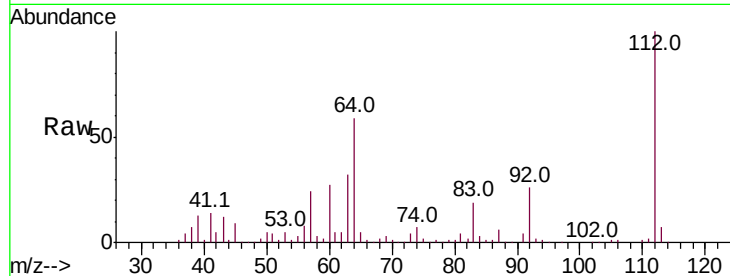
ClientSampleId :

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Tot Ion:	112	Resp:	302542
Ion Ratio	Lower	Upper	
112	100		
64	59.3	44.1	66.1
63	32.2	23.7	35.5

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#6

Aniline

Concen: 3.817 ng

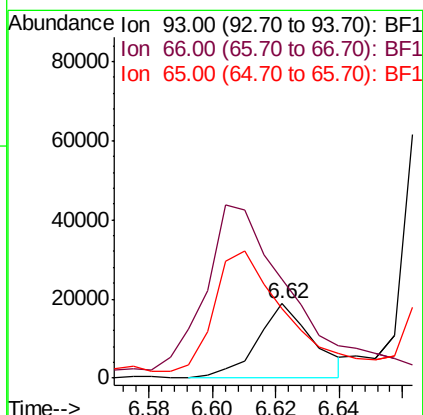
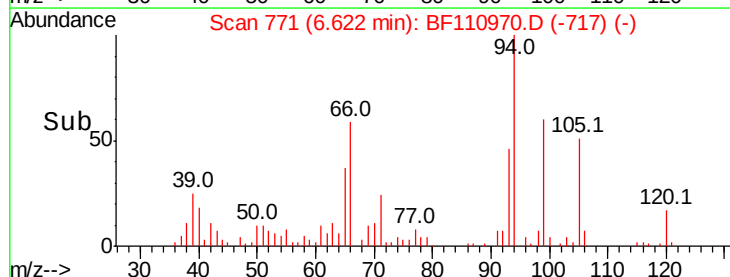
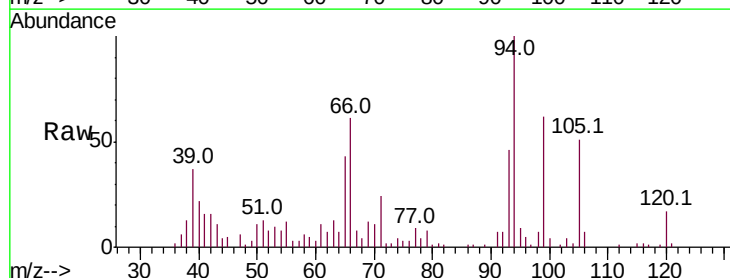
RT: 6.62 min Scan# 771

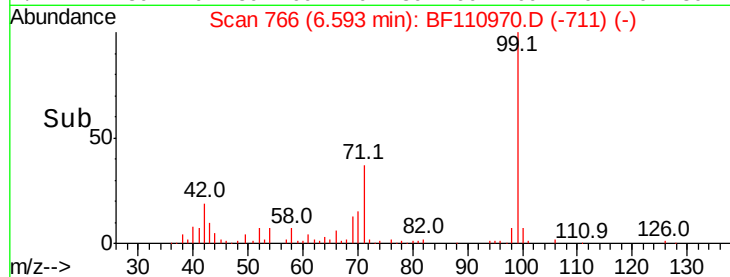
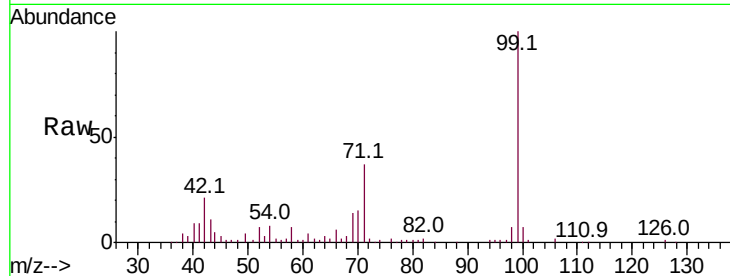
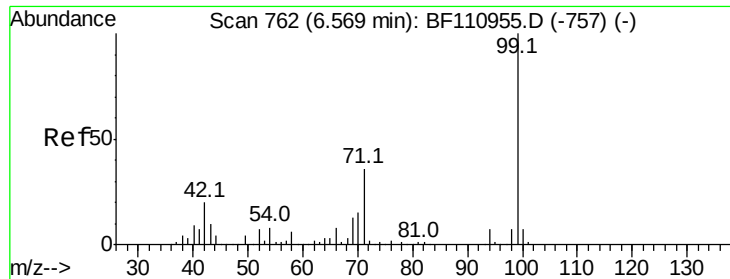
Delta R.T. 0.02 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Tgt Ion:	93	Resp:	22842
Ion Ratio	Lower	Upper	
93	100		
66	133.5	67.4	101.0#
65	93.1	41.0	61.4#





#7

Phenol-d6

Concen: 54.198 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.02 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Tot Ion:	99	Resp:	262339
Ion Ratio	Lower	Upper	
99	100		
42	20.5	15.8	23.6
71	37.3	28.0	42.0

Instrument :

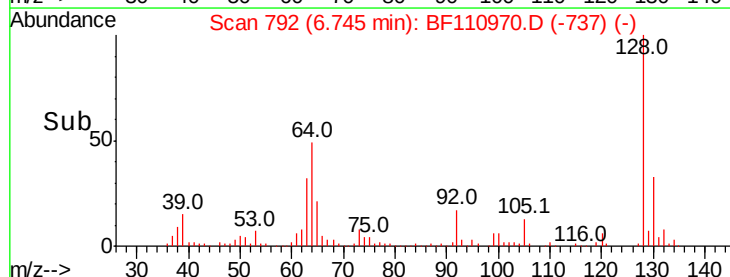
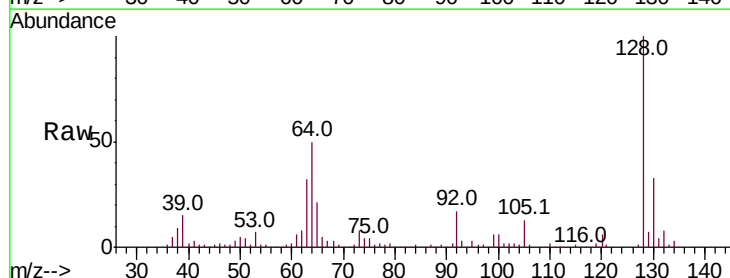
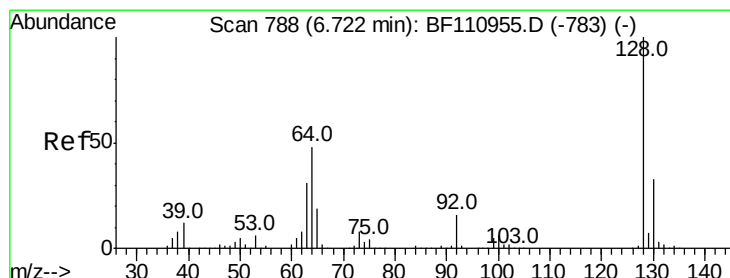
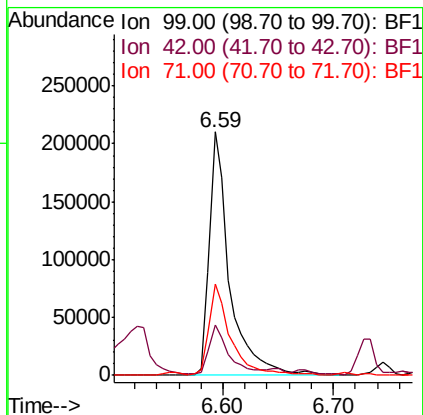
BNA_F

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DTW-03MSD

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#8

2-Chlorophenol

Concen: 40.077 ng

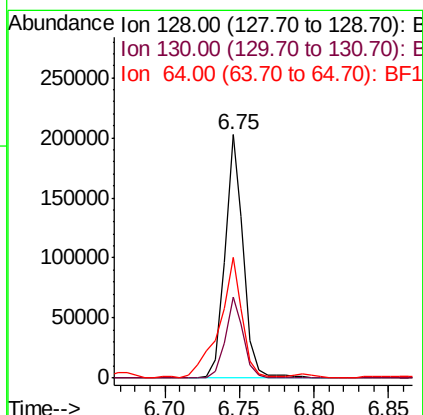
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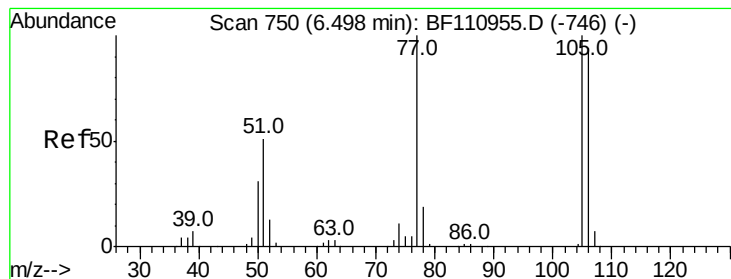
Delta R.T. 0.02 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Tgt Ion:	128	Resp:	176417
Ion Ratio	Lower	Upper	
128	100		
130	33.5	13.1	53.1
64	49.5	26.0	66.0





#9

Benzaldehyde

Concen: 23.584 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

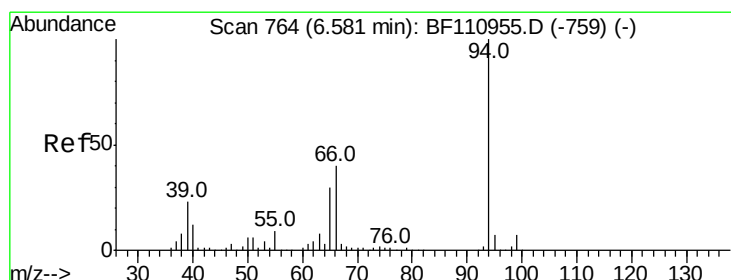
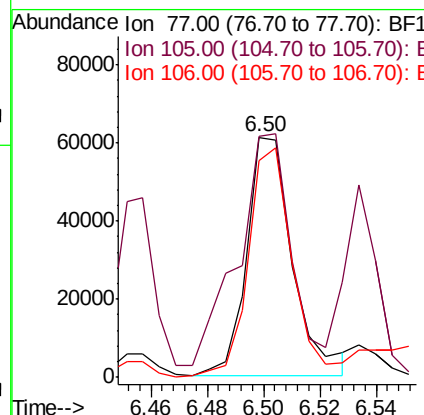
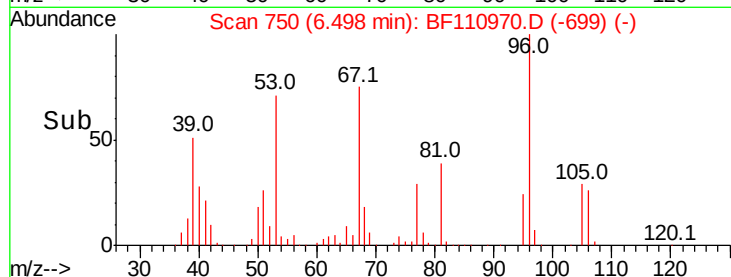
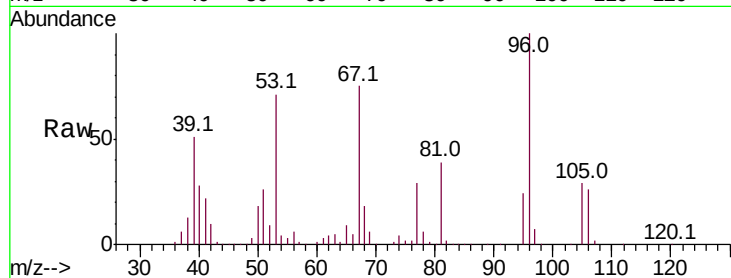
ClientSampleID :

DTW-03MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	78.6	118.6
106	90.6	74.8	114.8

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#10

Phenol

Concen: 30.060 ng

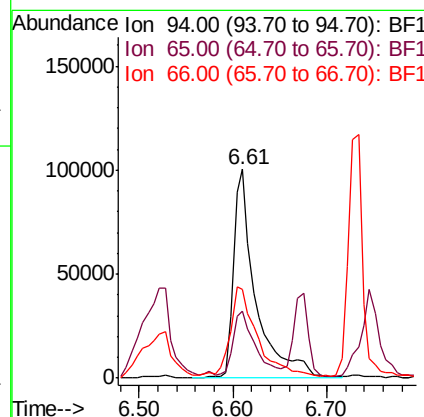
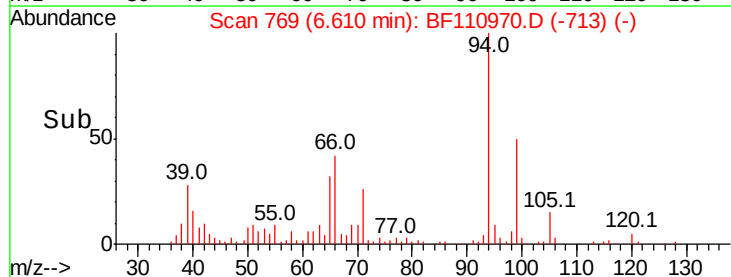
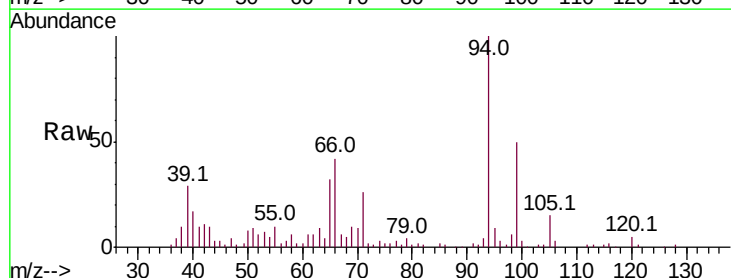
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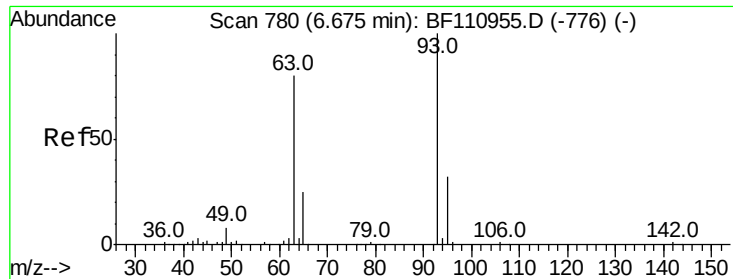
Delta R.T. 0.03 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.0	25.3	65.3
66	42.3	54.5	94.5#





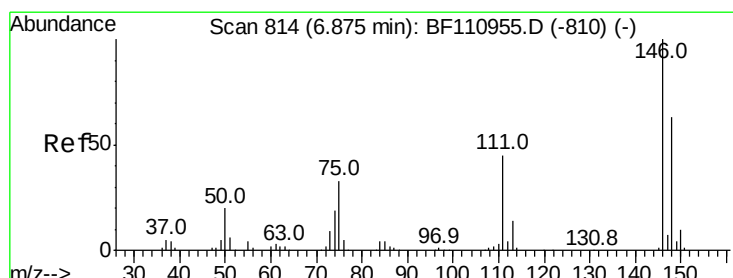
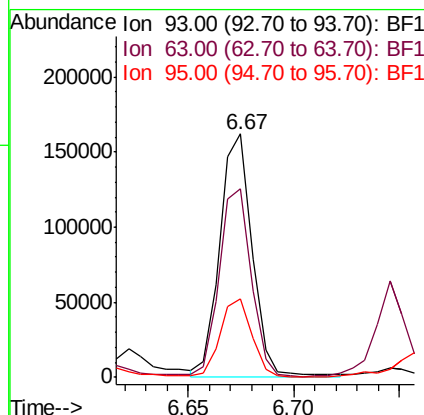
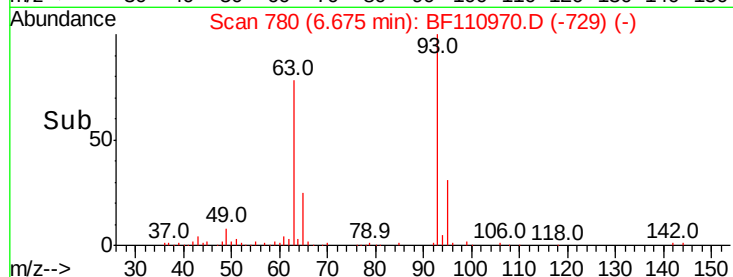
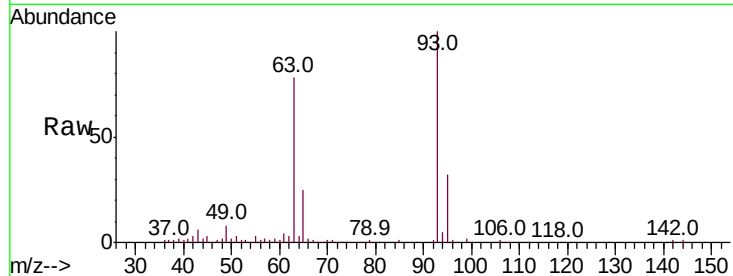
#11
bis(2-Chloroethyl)ether
Concen: 42.065 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion:	93	Resp:	172754
Ion Ratio	Lower	Upper	
93	100		
63	77.7	53.4	93.4
95	32.2	12.1	52.1

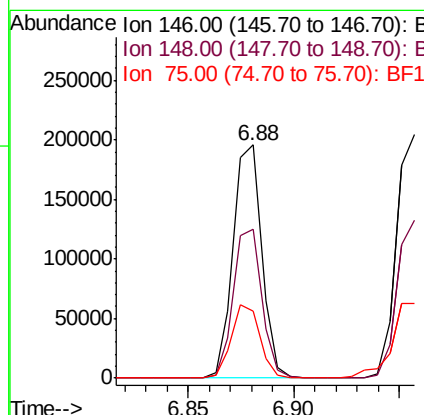
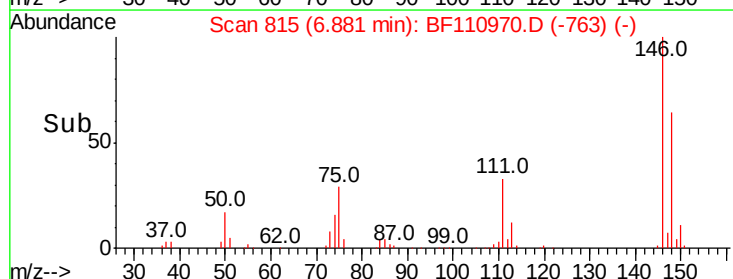
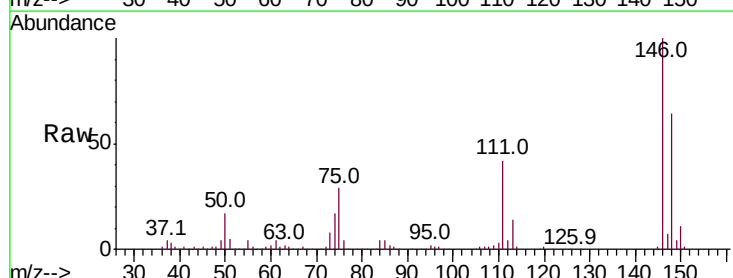
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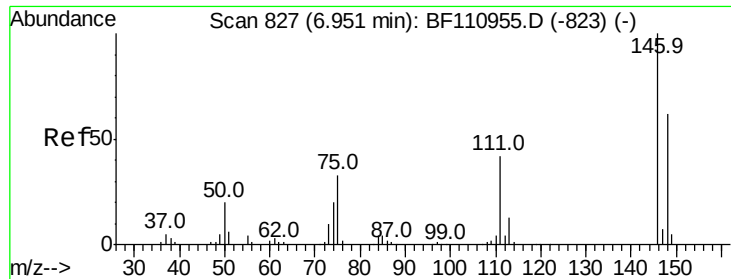
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.859 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion:	146	Resp:	183082
Ion Ratio	Lower	Upper	
146	100		
148	63.8	50.4	75.6
75	28.7	25.8	38.6





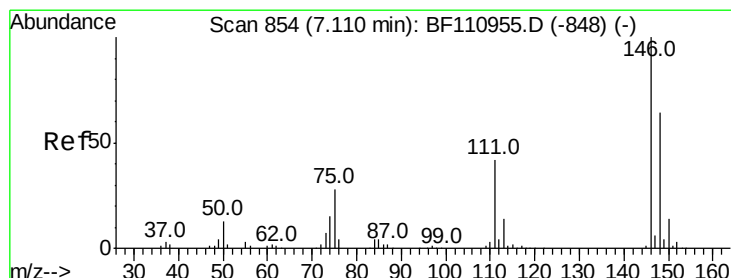
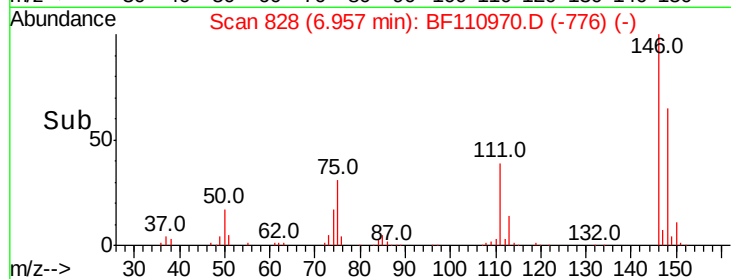
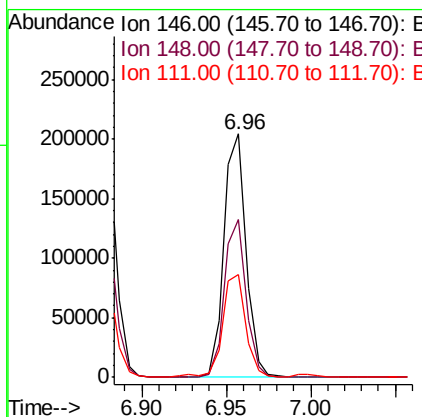
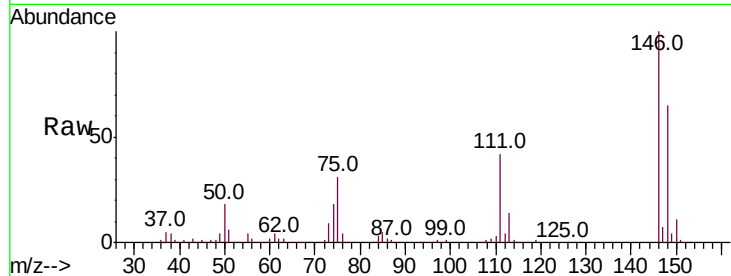
#13
 1,4-Dichlorobenzene
 Concen: 37.459 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.3	75.5
111	42.2	32.7	49.1

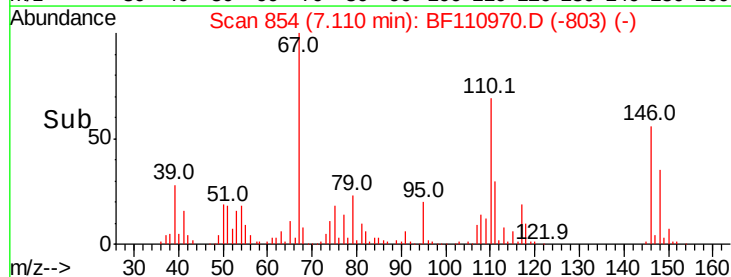
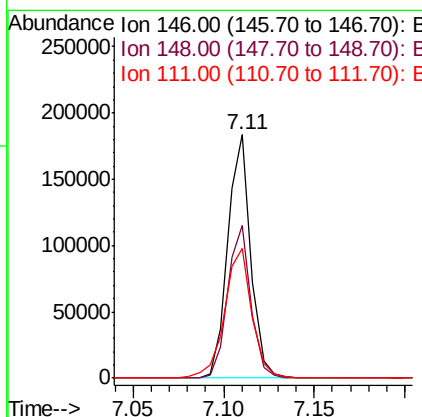
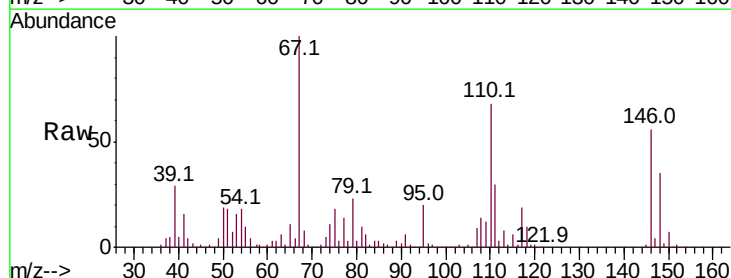
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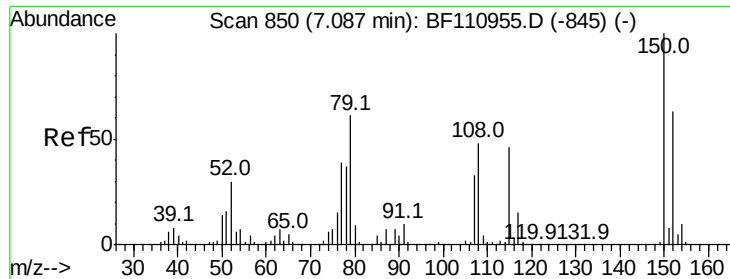
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#14
 1,2-Dichlorobenzene
 Concen: 34.568 ng
 RT: 7.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.1	76.7
111	53.2	35.8	53.6





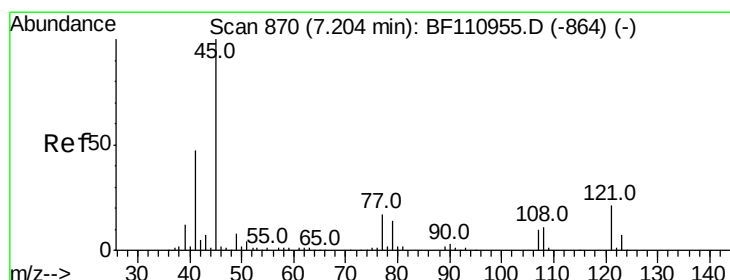
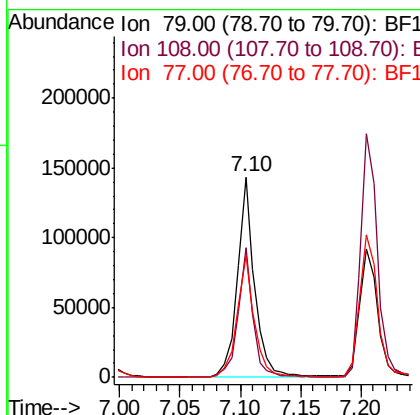
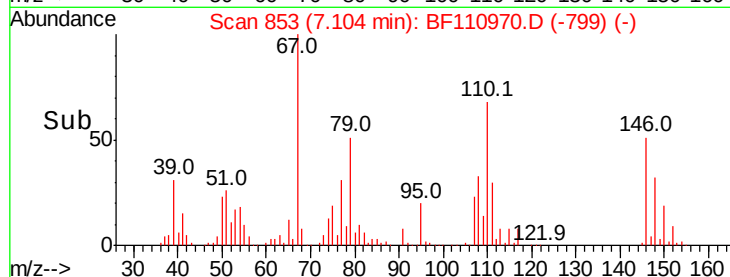
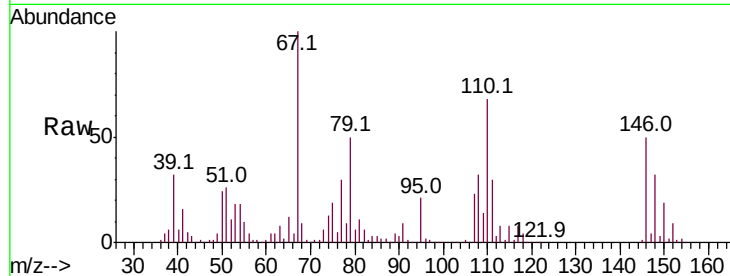
#15
Benzyl Alcohol
Concen: 37.971 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.02 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.7	56.3	84.5
77	60.7	52.9	79.3

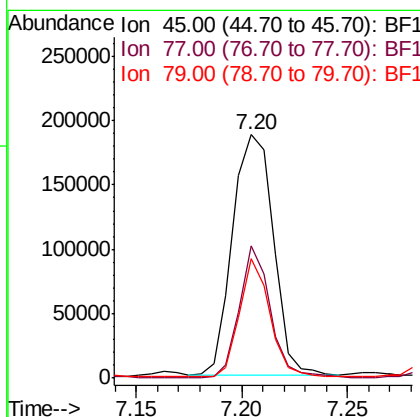
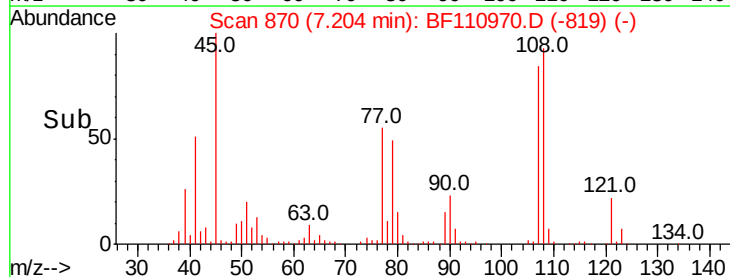
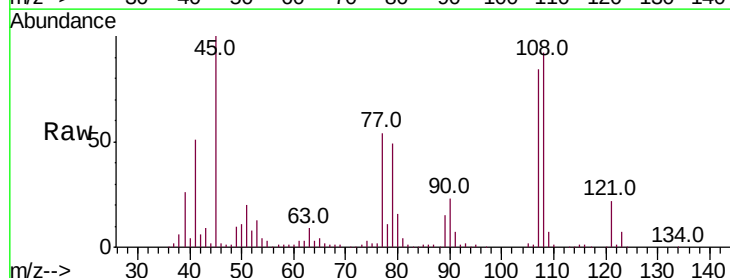
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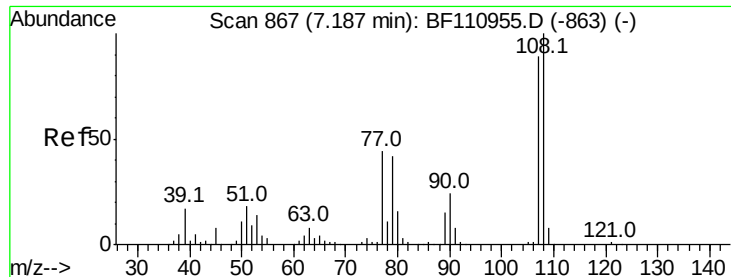
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.117 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	54.2	10.0	50.0#
79	48.9	6.1	46.1#





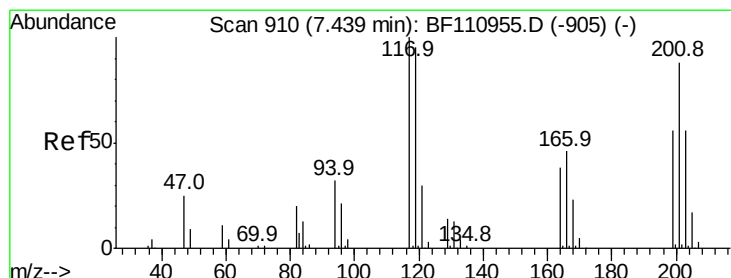
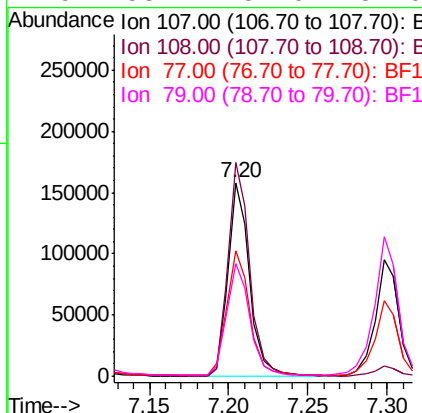
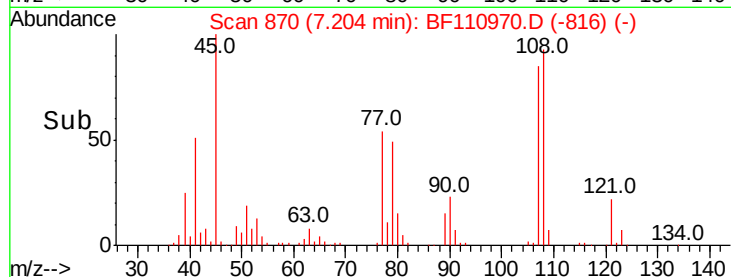
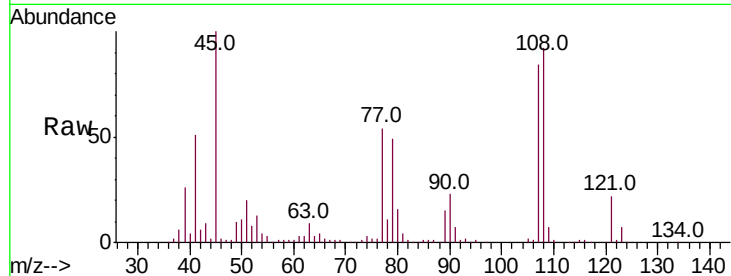
#17
2-Methylphenol
Concen: 42.494 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.02 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.3	92.6	138.8	
77	64.7	59.4	89.2	
79	58.4	54.0	81.0	

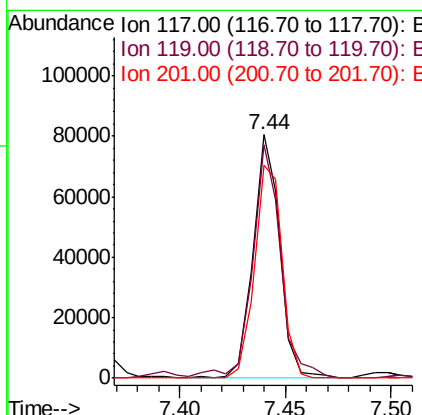
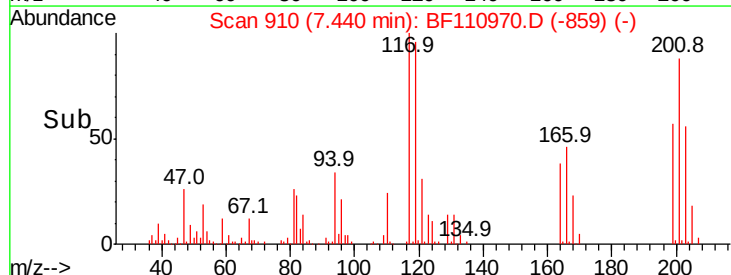
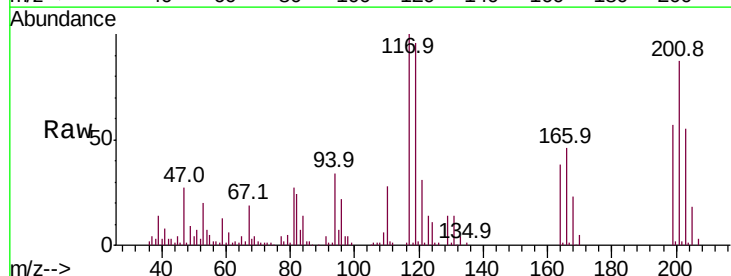
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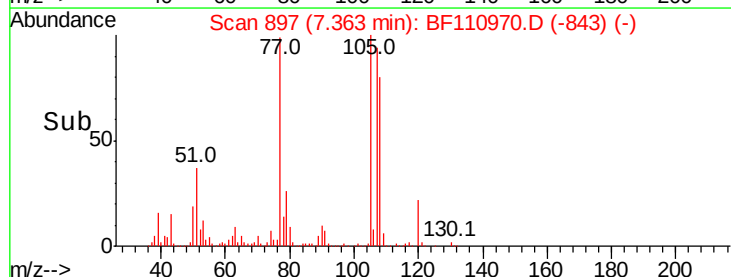
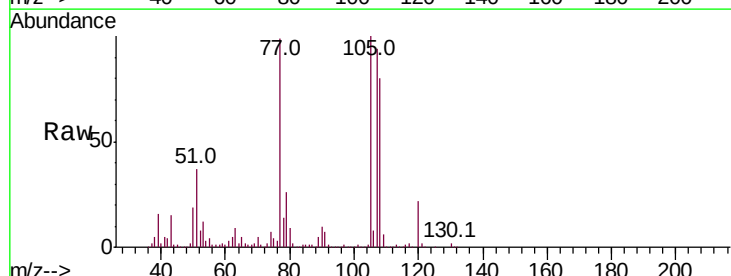
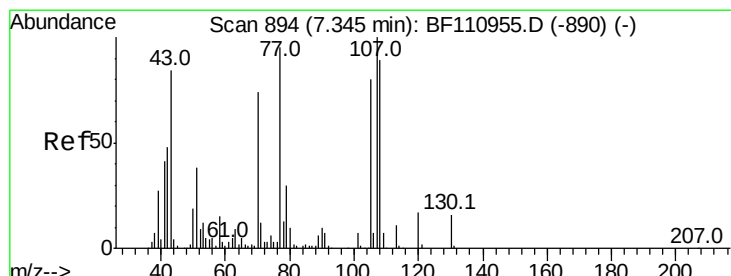
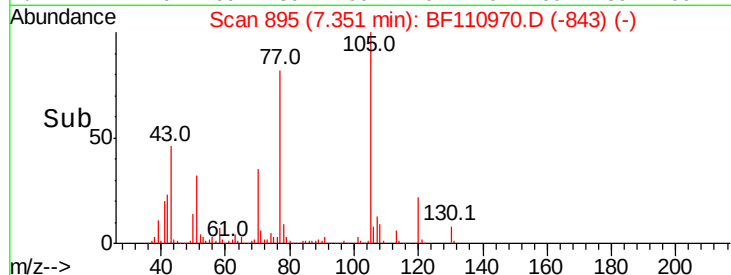
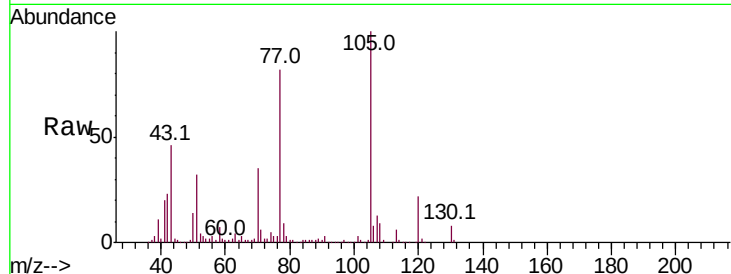
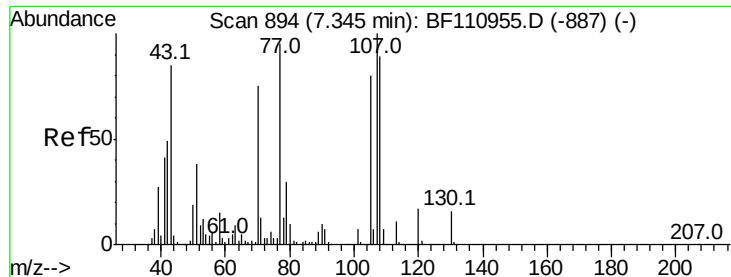
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#18
Hexachloroethane
Concen: 38.617 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	75.0	112.6	
201	87.2	79.2	118.8	





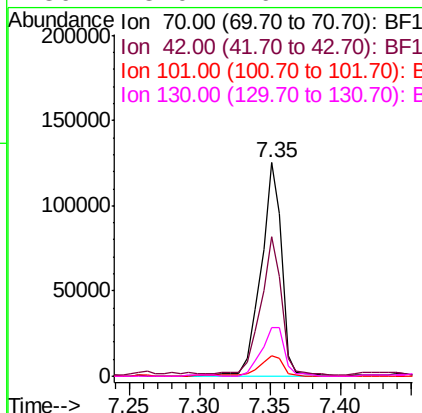
#19
n-Nitroso-di-n-propylamine
Concen: 41.513 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.2	47.4	71.2
101	9.8	7.3	10.9
130	23.0	16.2	24.2

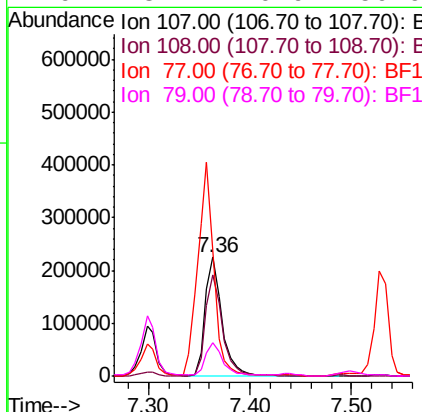
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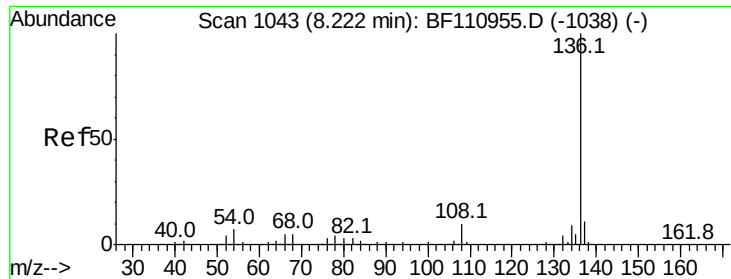
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#20
3+4-Methylphenols
Concen: 55.510 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.02 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.0	71.4	111.4
77	105.8	47.3	87.3#
79	28.2	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

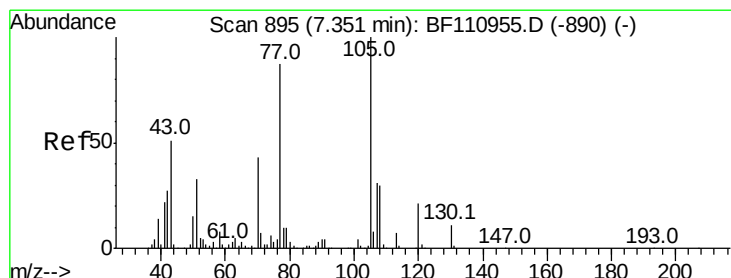
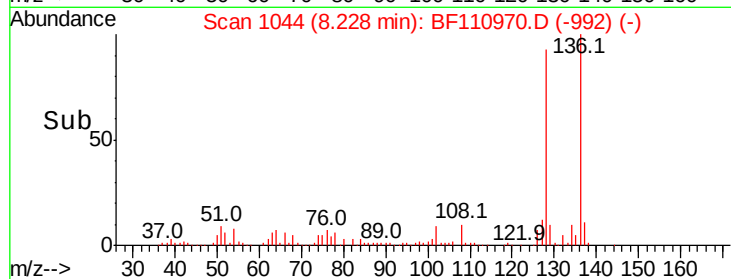
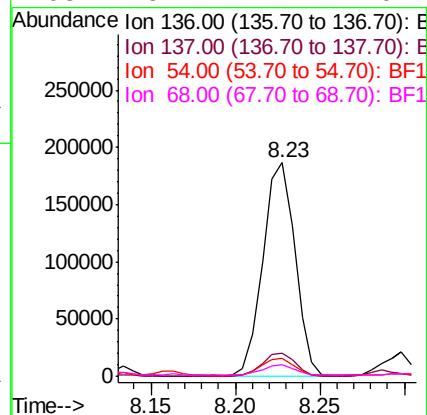
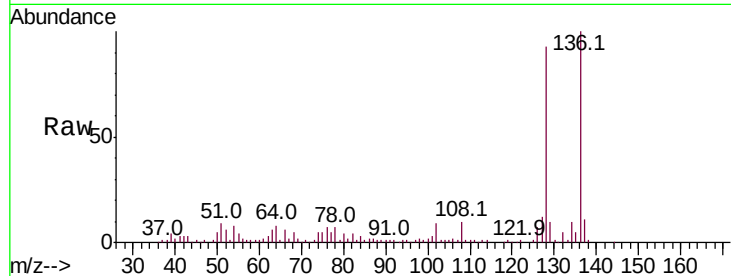
ClientSampleId :

DTW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	8.4	5.4	8.2#	
68	5.1	4.2	6.2	

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#22

Acetophenone

Concen: 82.231 ng

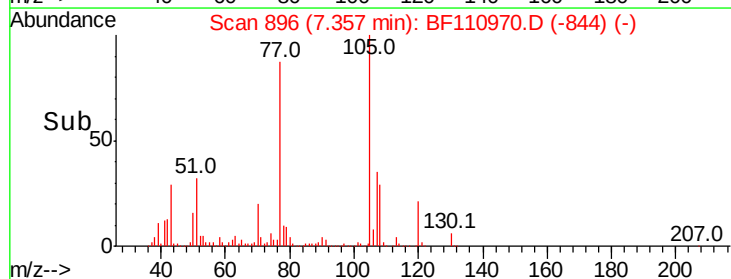
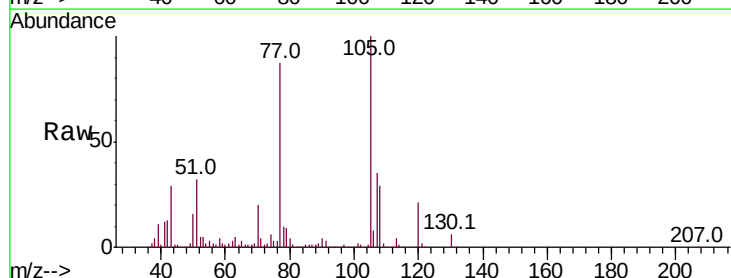
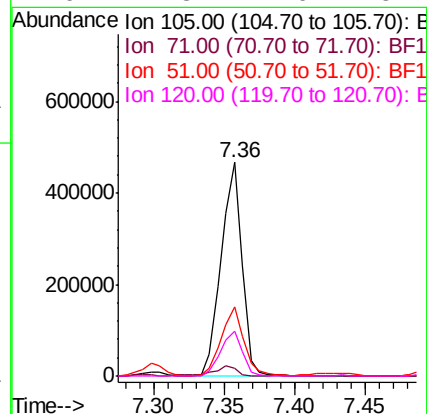
RT: 7.36 min Scan# 896

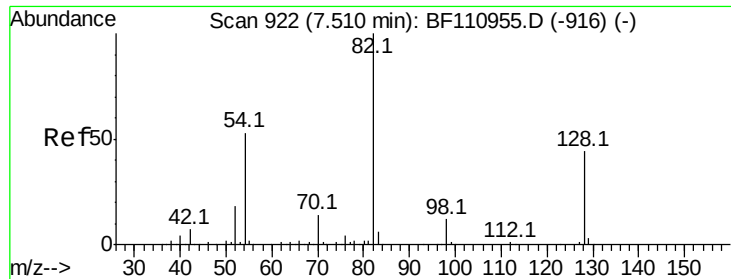
Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.5	5.2	7.8#	
51	32.4	21.8	32.8	
120	21.3	17.0	25.4	





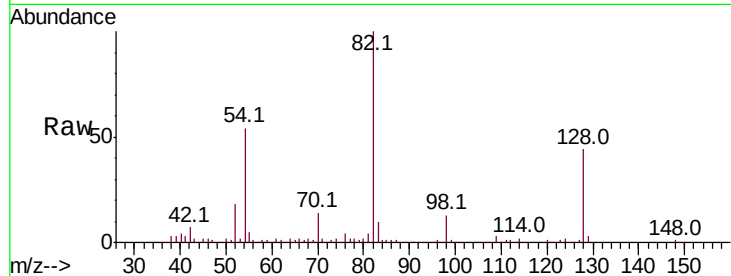
#23
Nitrobenzene-d5
Concen: 78.579 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.2	51.2
54	54.3	38.6	58.0

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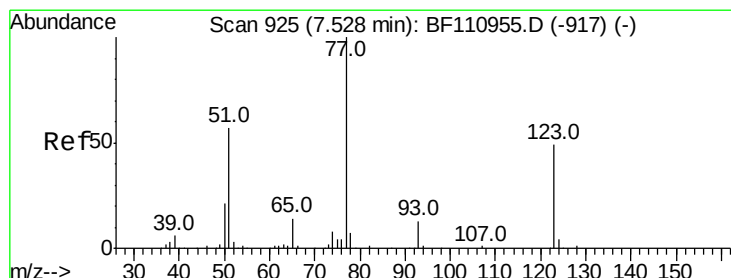
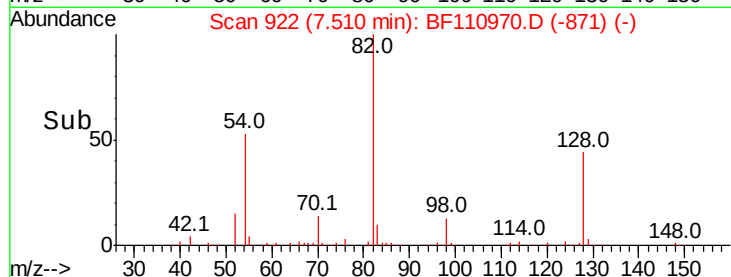
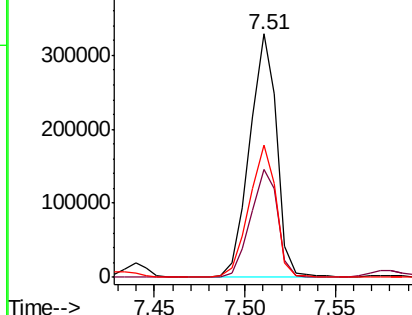


Abundance

Ion 82.00 (81.70 to 82.70): BF1

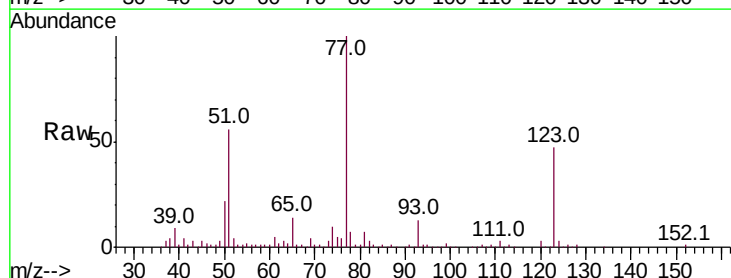
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 41.478 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	35.7	53.5
65	14.4	10.7	16.1

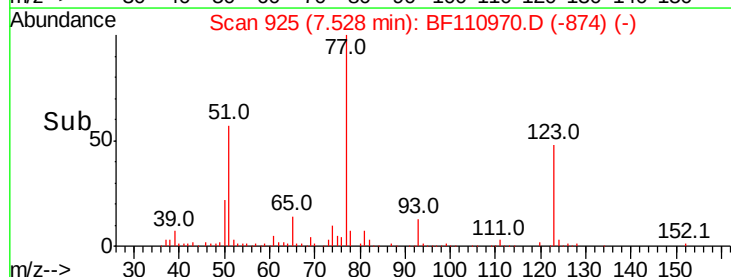
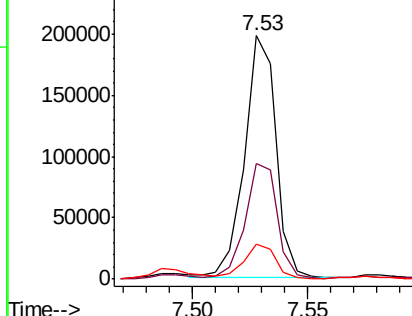


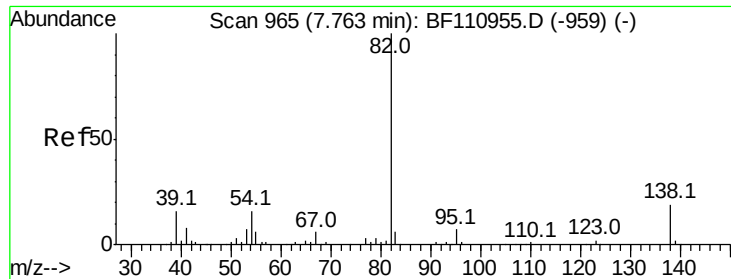
Abundance

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: 49.989 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

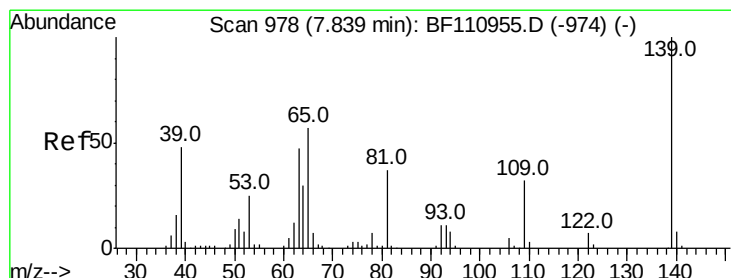
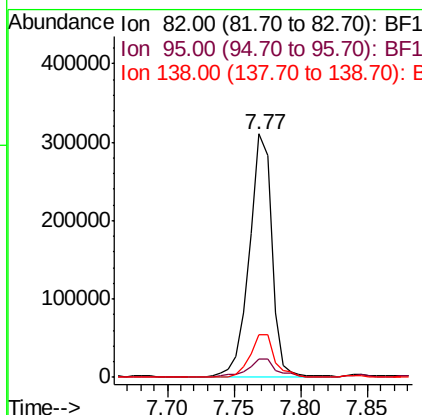
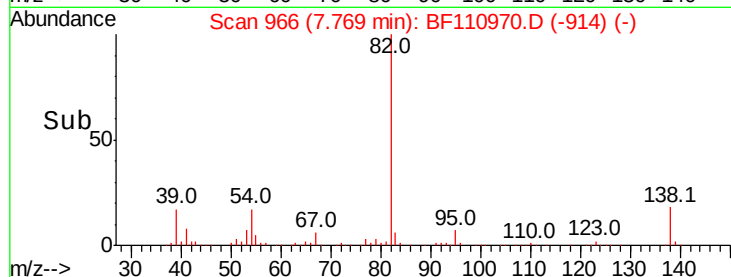
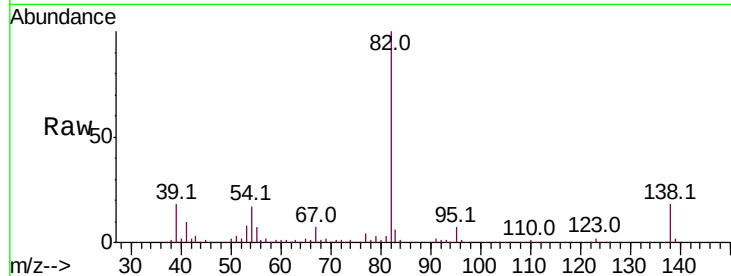
ClientSampleId :

DTW-03MSD

Tot Ion:	82	Resp:	356692
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.7	8.5
138	17.8	13.2	19.8

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#26

2-Nitrophenol

Concen: 45.154 ng

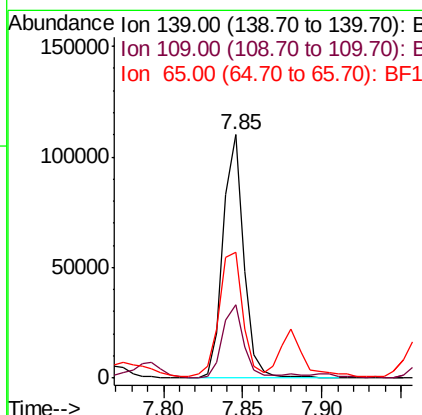
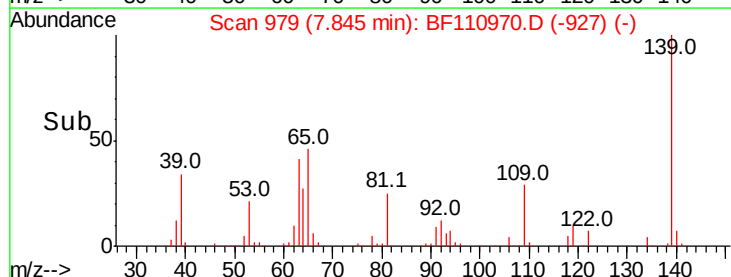
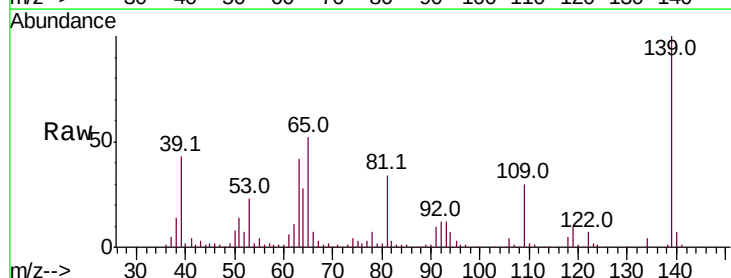
RT: 7.85 min Scan# 979

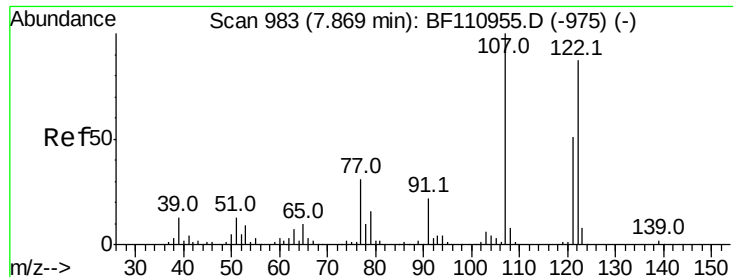
Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Tgt Ion:	139	Resp:	99236
Ion Ratio	Lower	Upper	
139	100		
109	30.0	25.0	37.6
65	51.6	44.0	66.0





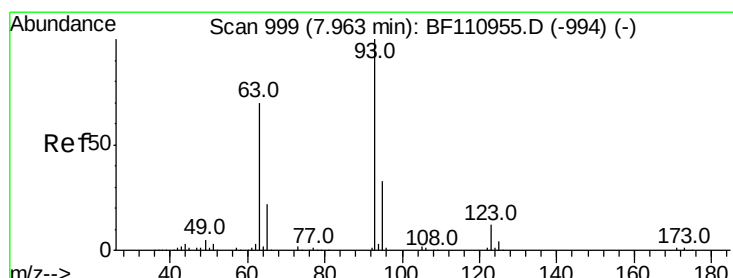
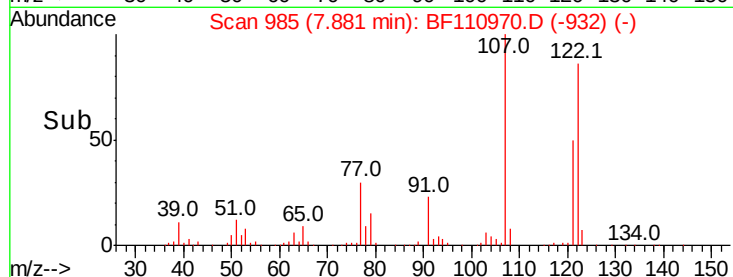
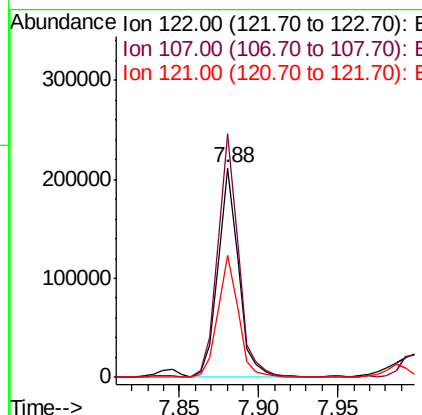
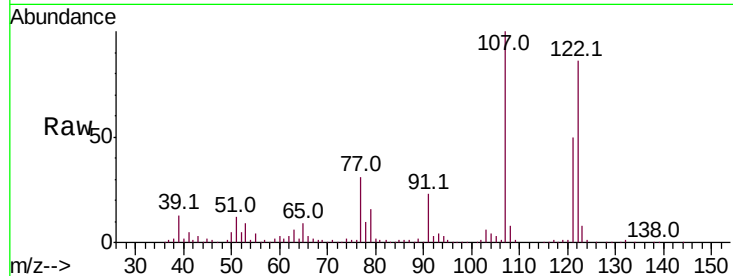
#27
2,4-Dimethylphenol
Concen: 57.025 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	92.5	138.7
121	58.1	45.8	68.8

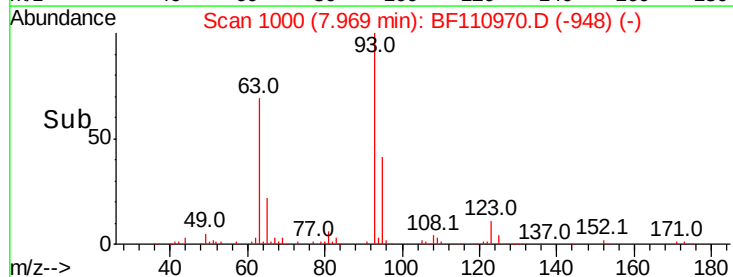
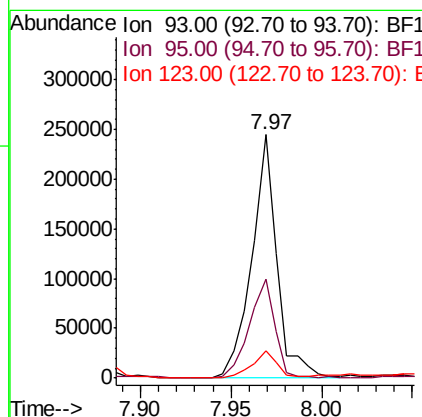
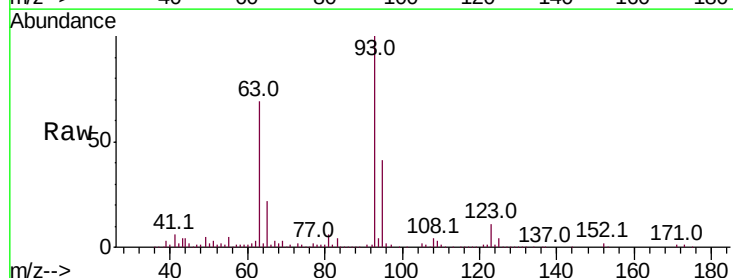
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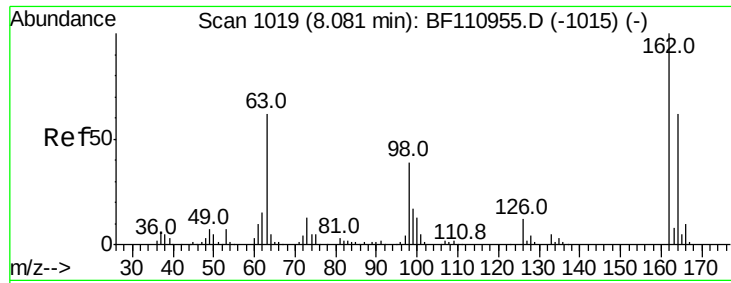
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#28
bis(2-Chloroethoxy)methane
Concen: 49.682 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	40.8	26.4	39.6#
123	11.2	9.0	13.6





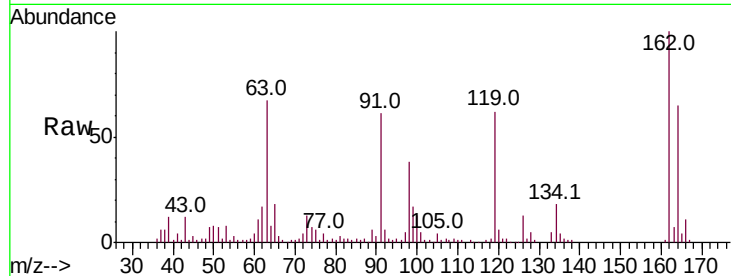
#29
2,4-Dichlorophenol
Concen: 42.560 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.02 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

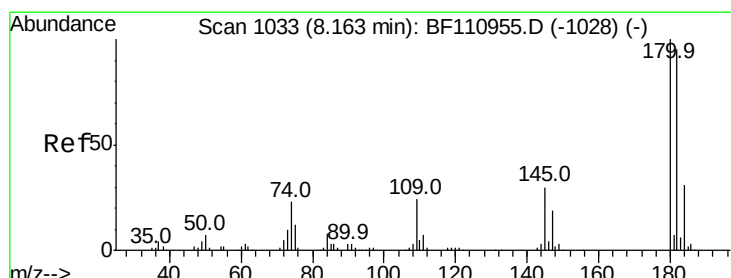
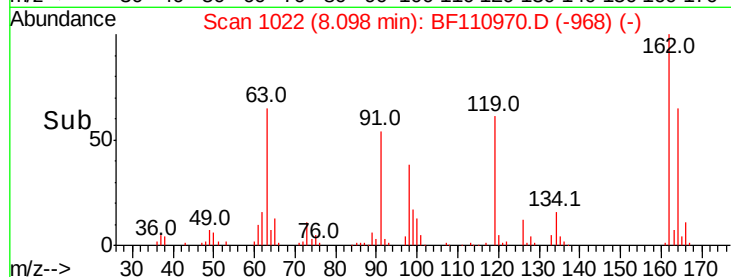
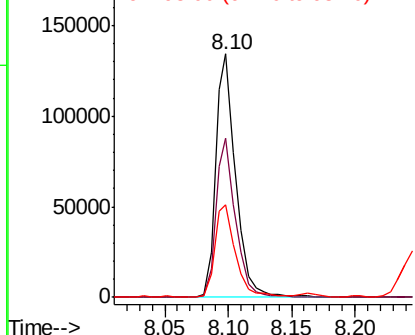
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.4	44.6	84.6
98	38.0	17.4	57.4

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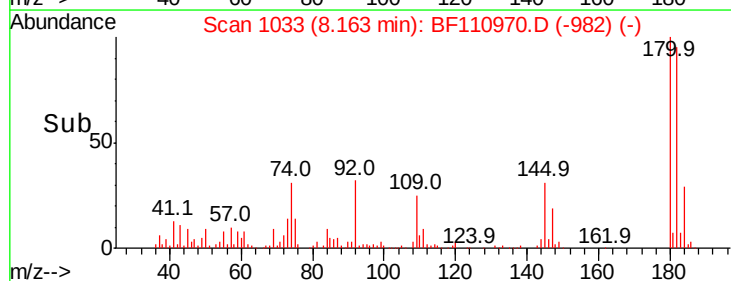
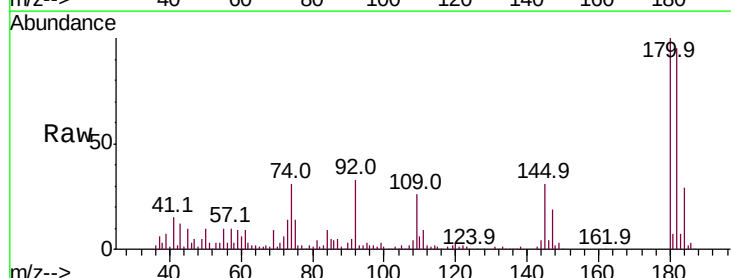
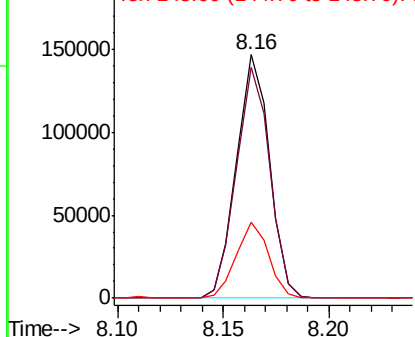
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

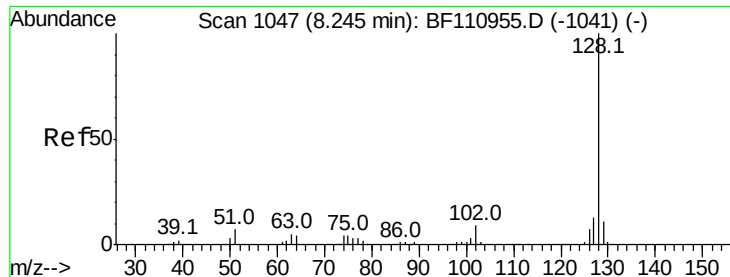


#30
1,2,4-Trichlorobenzene
Concen: 41.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.0	80.3	120.5
145	31.3	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





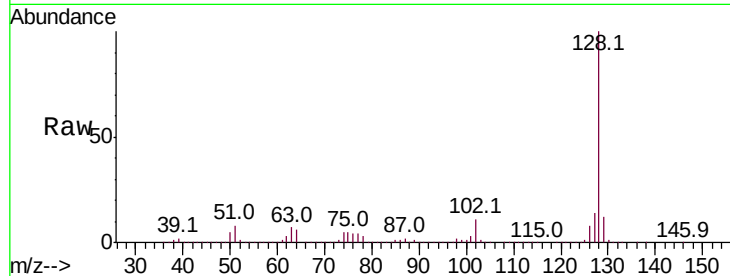
#31
Naphthalene
Concen: 311.051 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

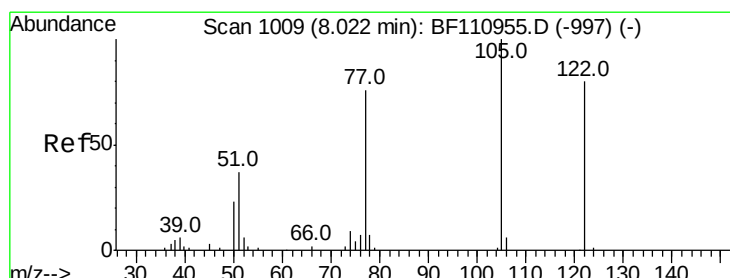
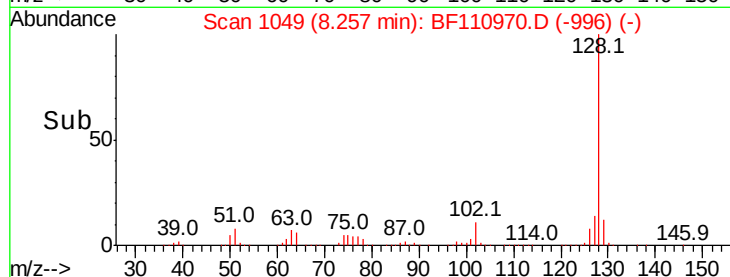
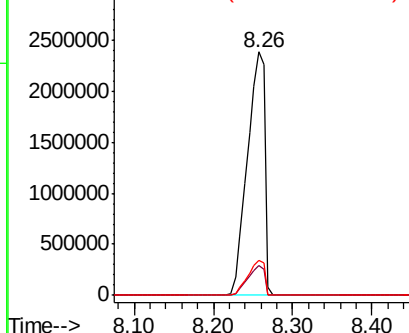
Tot Ion:128 Resp: 3629853
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.4 10.8 16.2

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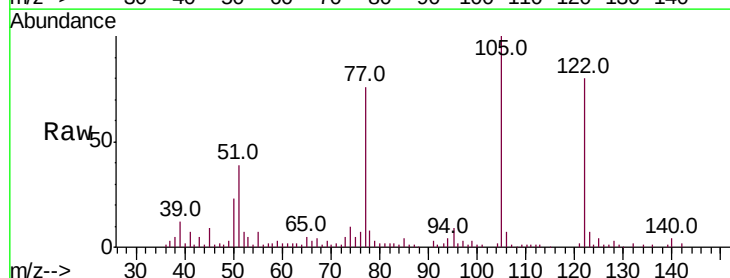


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

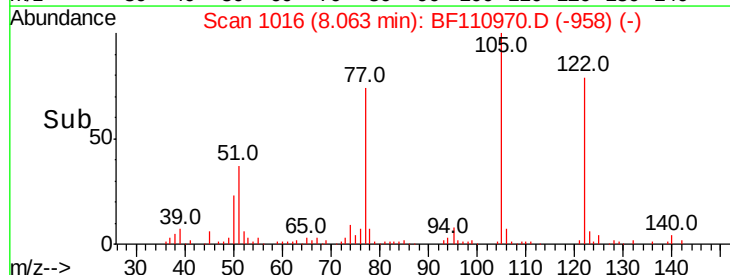
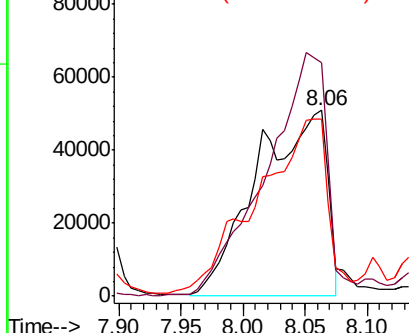


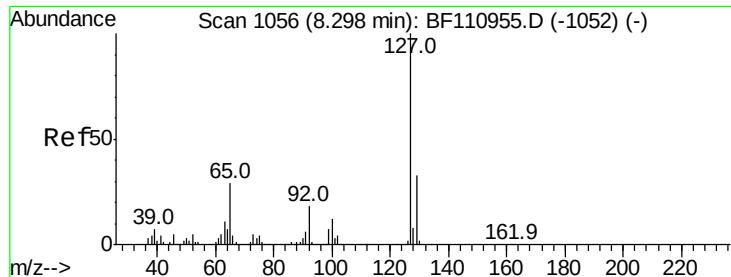
#32
Benzoic acid
Concen: 81.345 ng m
RT: 8.06 min Scan# 1016
Delta R.T. 0.04 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion:122 Resp: 200724
Ion Ratio Lower Upper
122 100
105 125.6 109.0 149.0
77 95.6 79.0 119.0



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





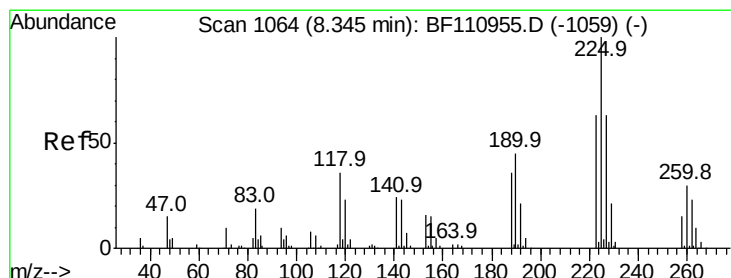
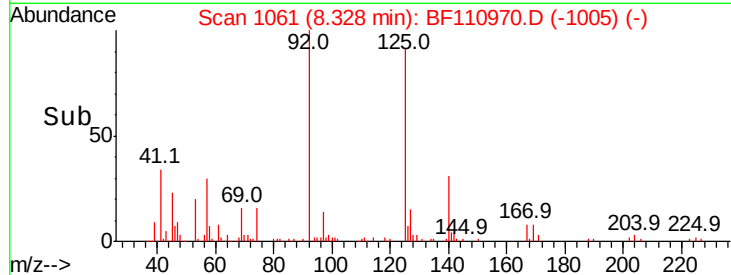
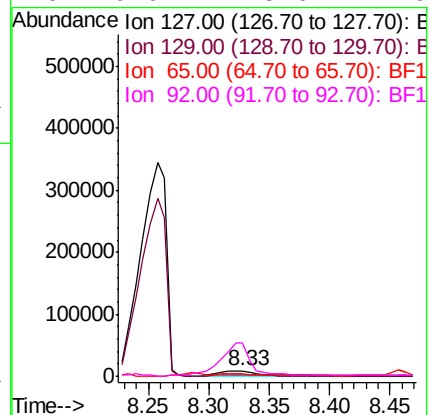
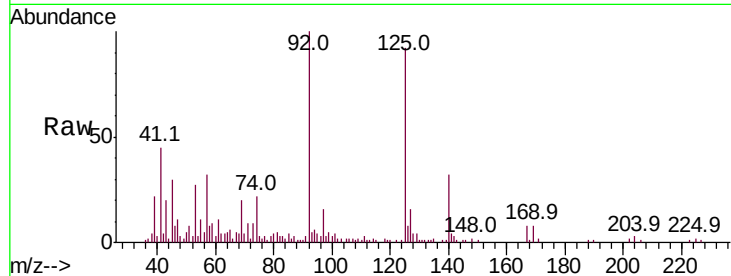
#33
4-Chloroaniline
Concen: 4.049 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.03 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	27.1	26.0	39.0	
65	38.0	25.1	37.7#	
92	640.2	15.0	22.6#	

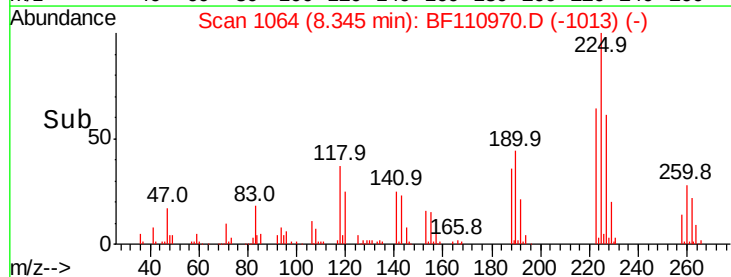
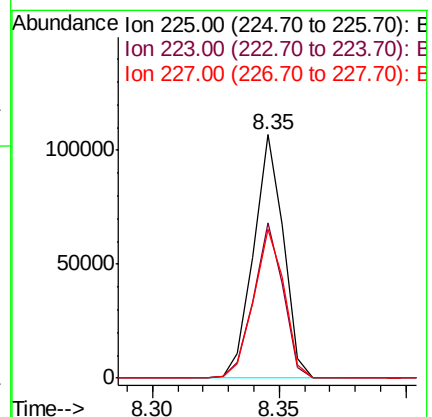
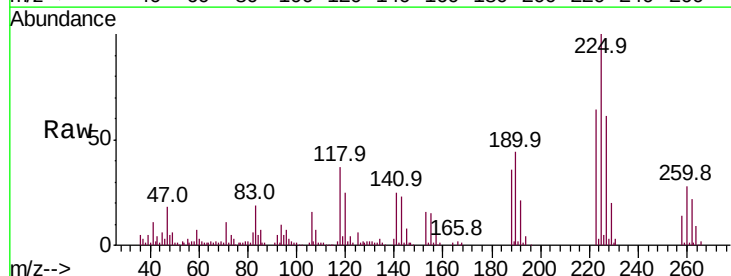
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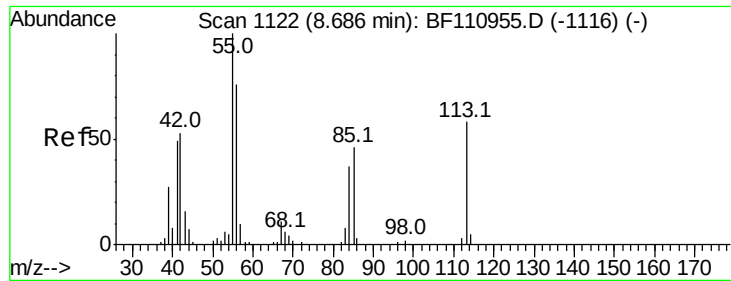
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#34
Hexachlorobutadiene
Concen: 39.570 ng
RT: 8.35 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	51.4	77.2	
227	61.0	51.0	76.6	





#35

Caprolactam

Concen: 2.477 ng

RT: 8.70 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

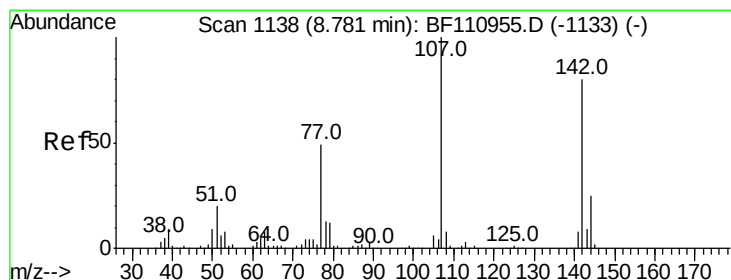
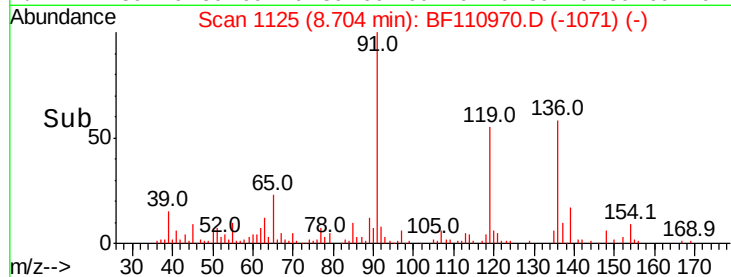
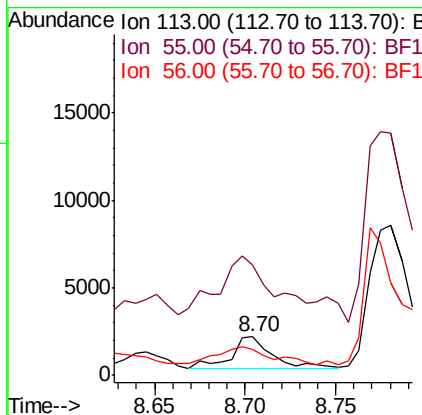
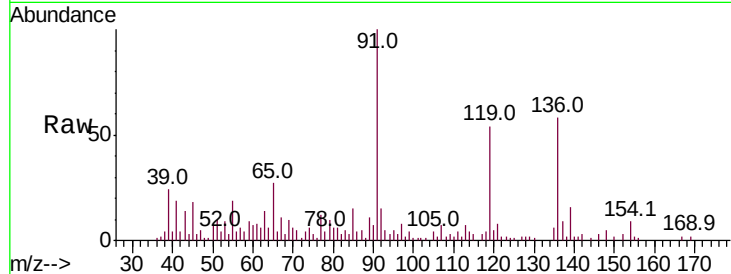
ClientSampleId :

DTW-03MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	287.5	142.8	182.8#
56	66.0	105.0	145.0#

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#36

4-Chloro-3-methylphenol

Concen: 42.819 ng

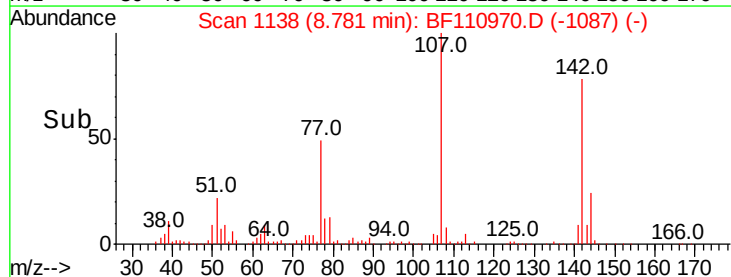
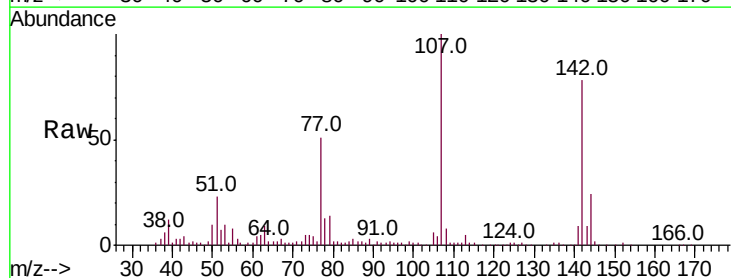
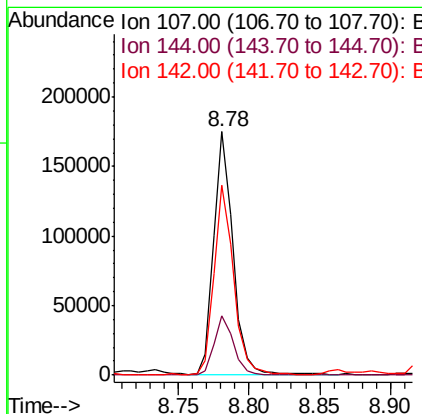
RT: 8.78 min Scan# 1138

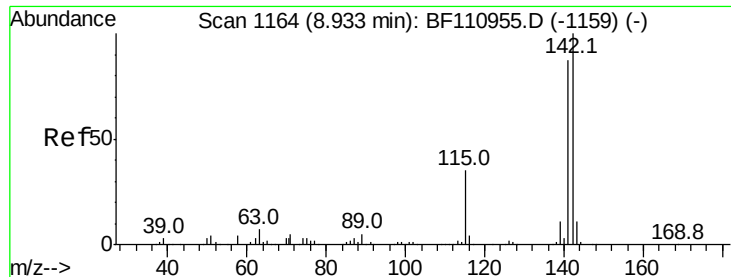
Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.2	20.0	30.0
142	78.1	59.7	89.5





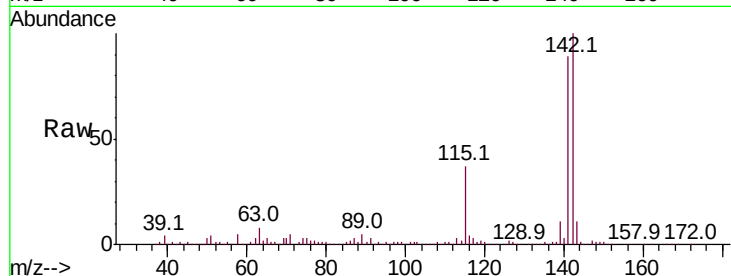
#37
2-Methylnaphthalene
Concen: 59.247 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	37.4	28.7	43.1

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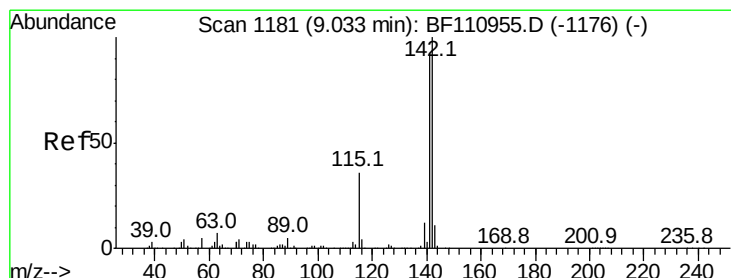
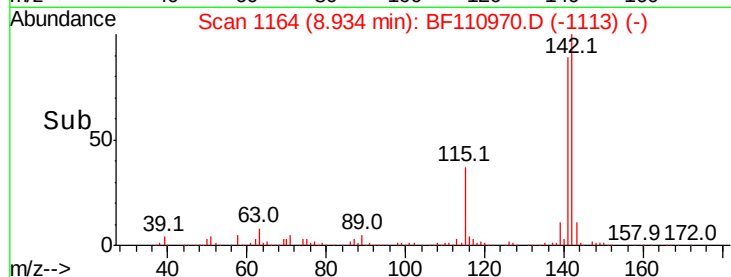
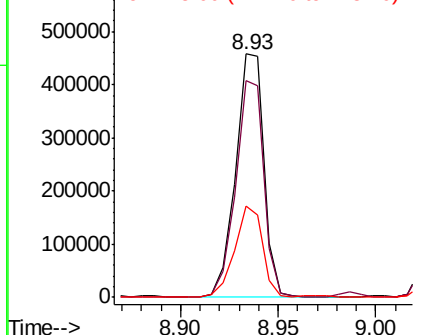


Abundance

Ion 142.00 (141.70 to 142.70): E

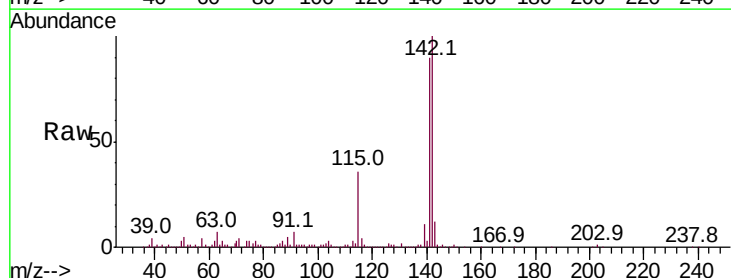
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 56.406 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	74.2	111.4
116	3.9	2.6	4.0

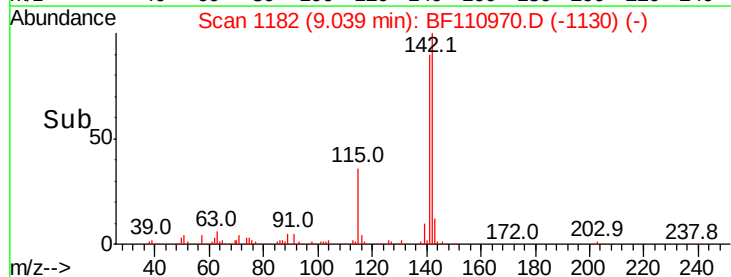
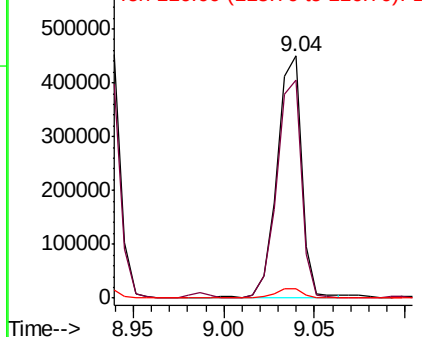


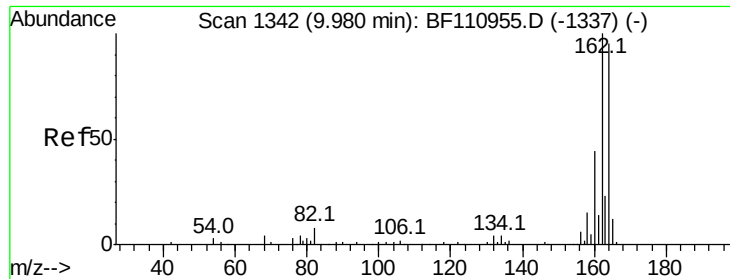
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





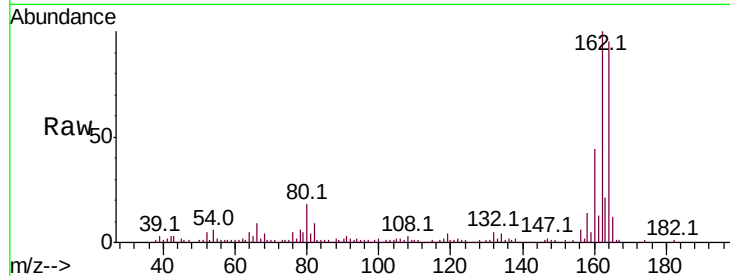
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

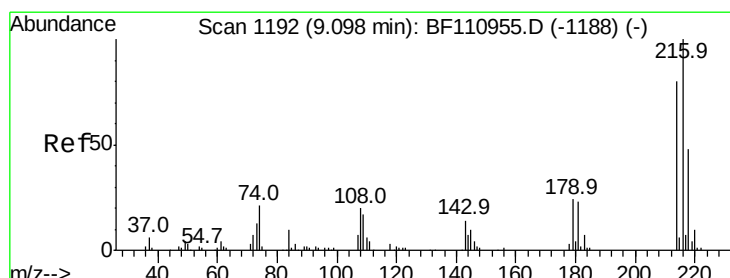
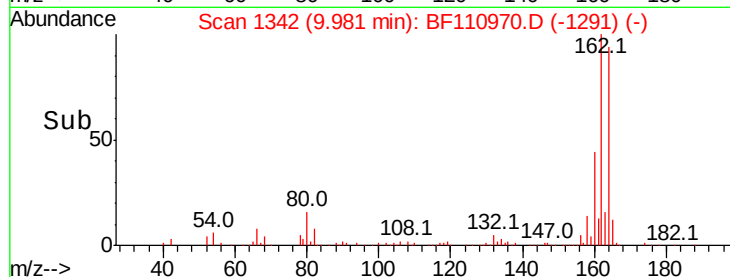
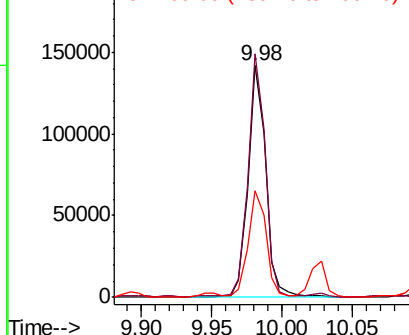
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.1	83.0	124.6	
160	46.3	37.0	55.6	

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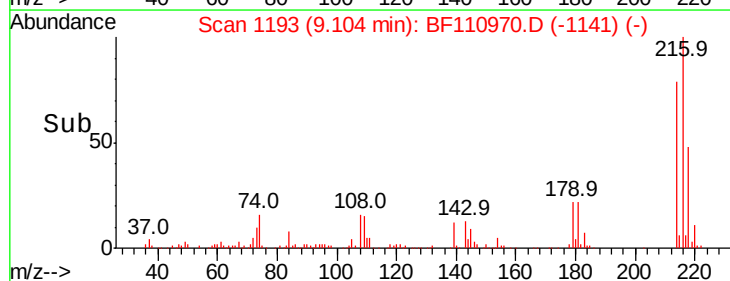
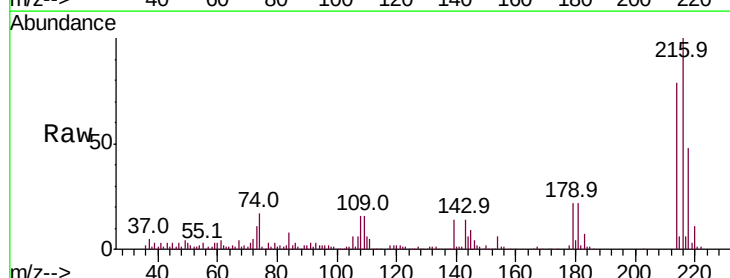
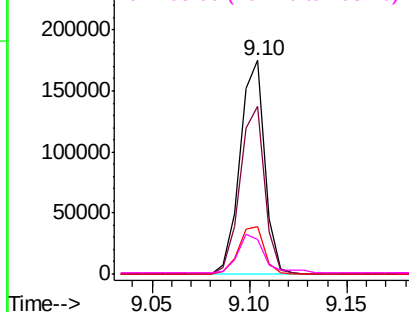
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

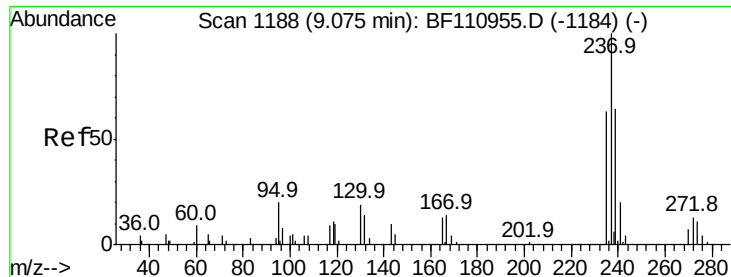


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.445 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.8	95.6	
179	23.0	16.6	25.0	
108	20.5	15.1	22.7	

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 13.447 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

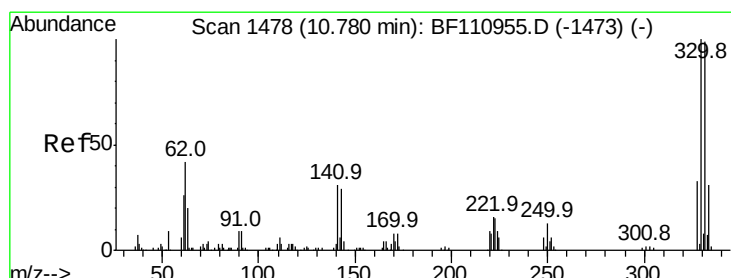
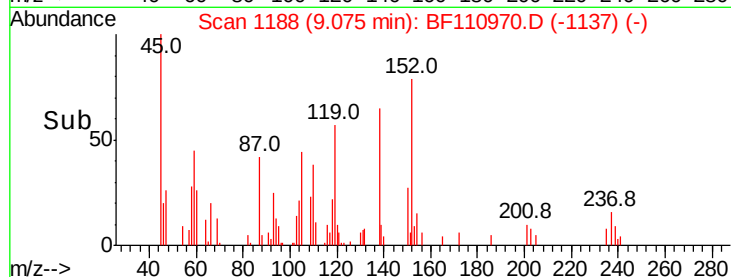
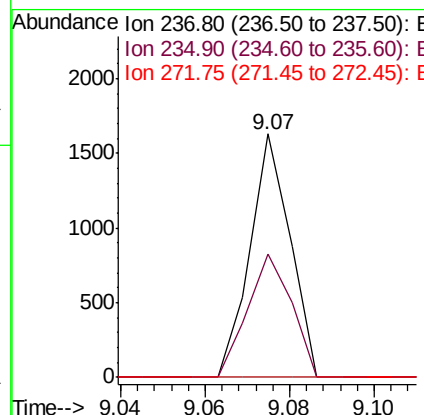
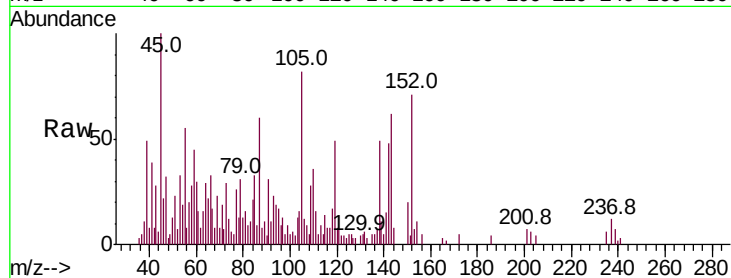
ClientSampleId :

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Tot Ion:	237	Resp:	1073
Ion Ratio	Lower	Upper	
237	100		
235	50.6	43.1	83.1
272	0.0	0.0	32.6

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#42

2,4,6-Tribromophenol

Concen: 102.415 ng

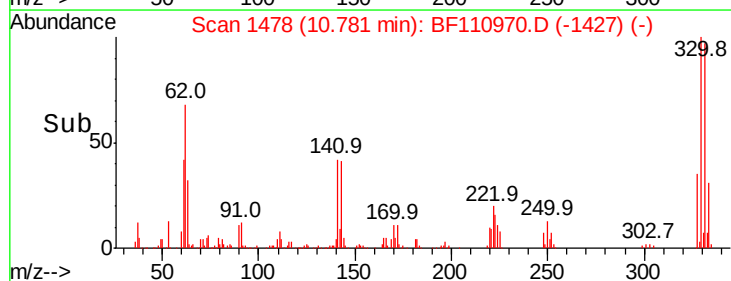
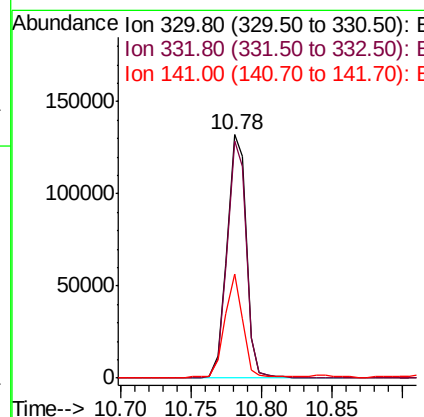
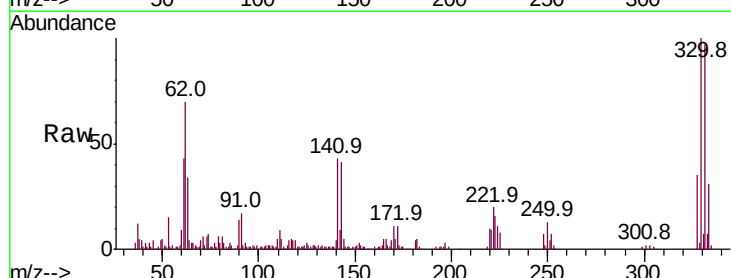
RT: 10.78 min Scan# 1478

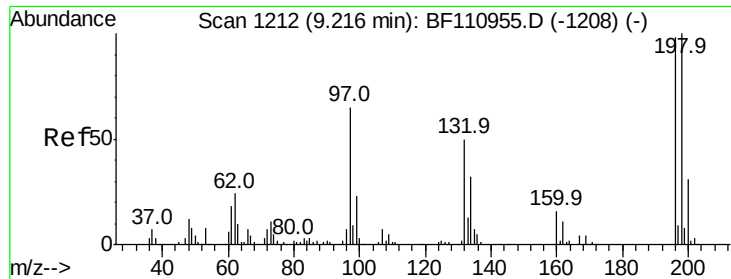
Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Tgt Ion:	330	Resp:	126042
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.1	115.7
141	39.0	27.0	40.4





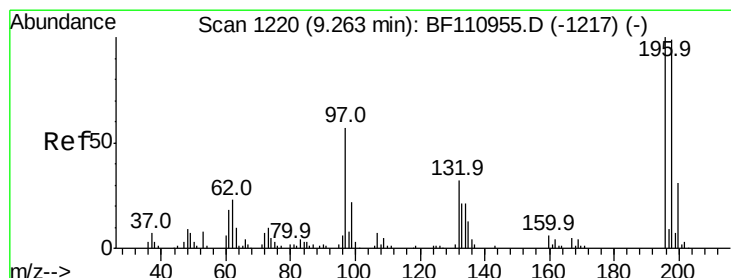
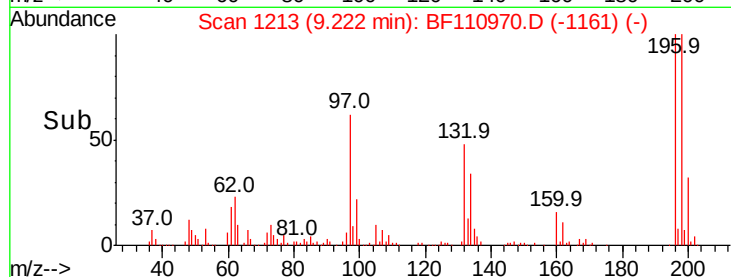
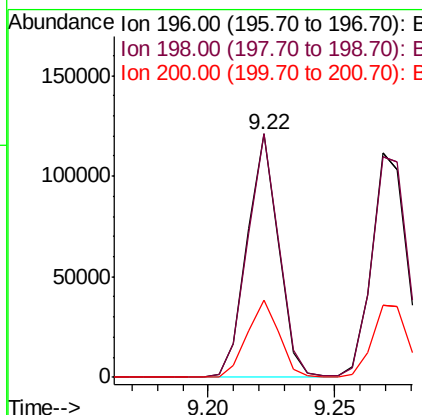
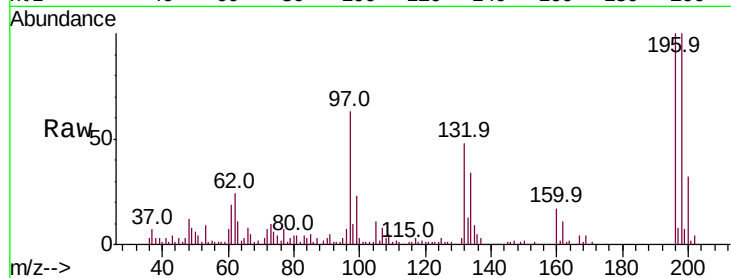
#43
 2,4,6-Trichlorophenol
 Concen: 45.078 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.2	76.2	114.4	
200	31.7	24.4	36.6	

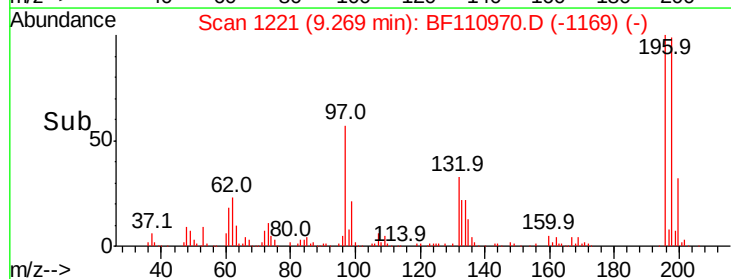
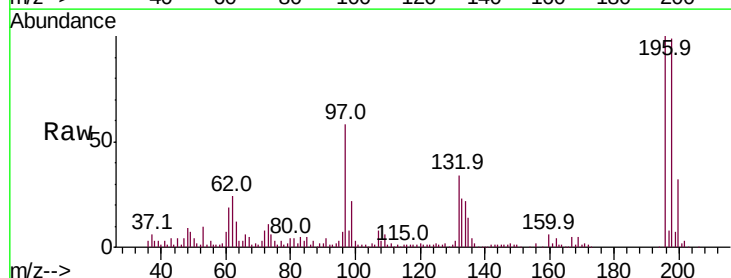
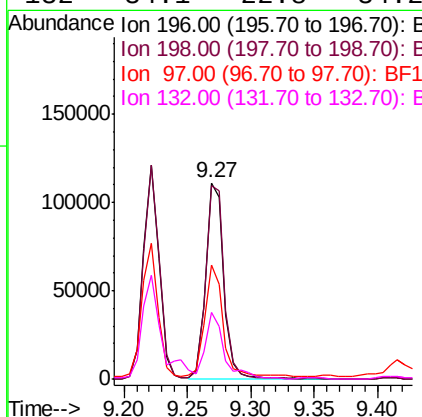
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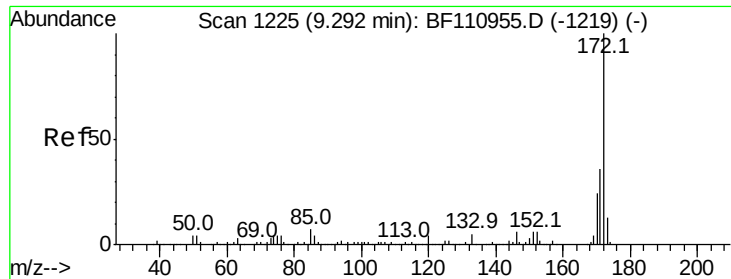
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.398 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.6	75.8	113.6	
97	58.3	42.4	63.6	
132	34.1	22.8	34.2	





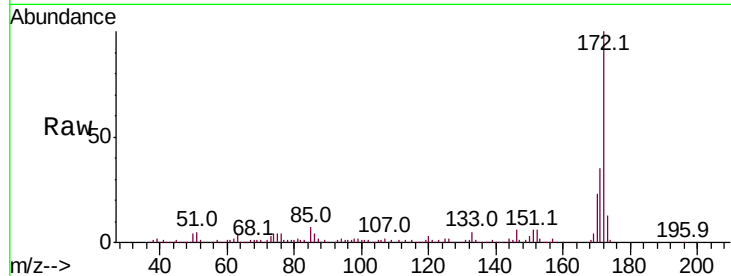
#45
2-Fluorobiphenyl
Concen: 73.290 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

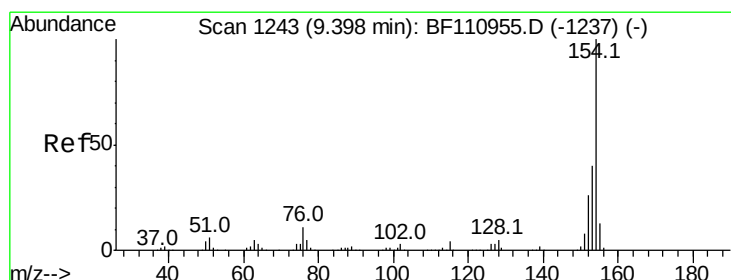
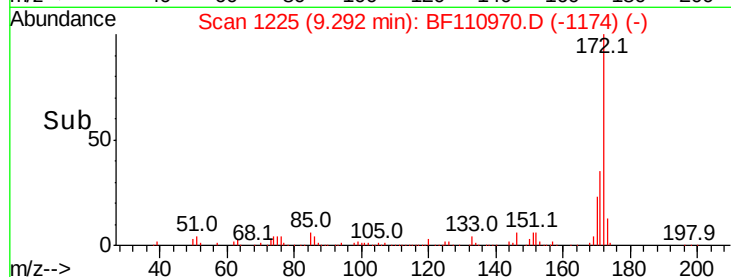
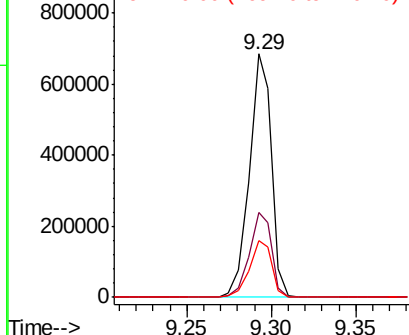
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	23.3	19.7	29.5

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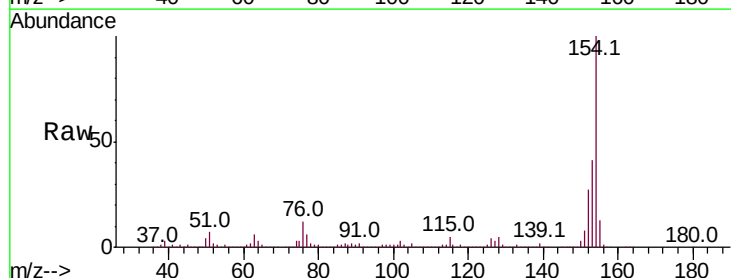


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

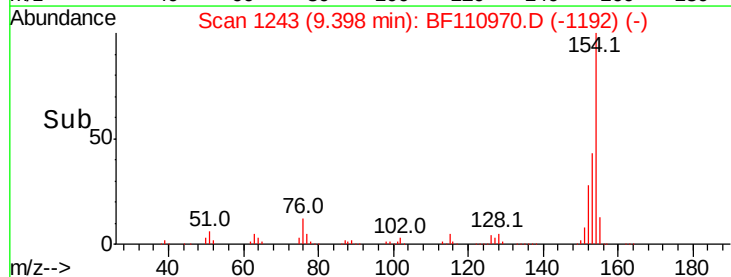
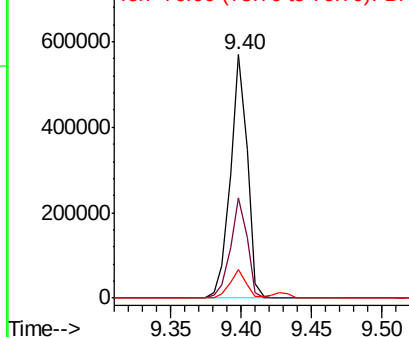


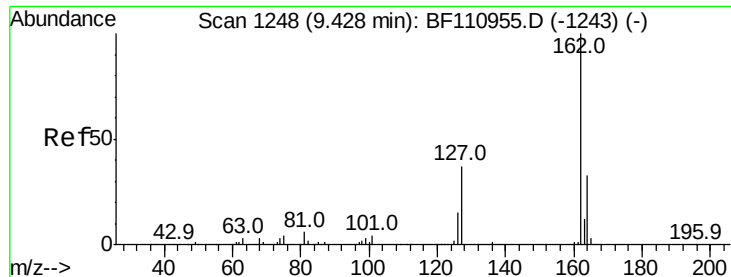
#46
1,1'-Biphenyl
Concen: 41.402 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	11.8	0.0	31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





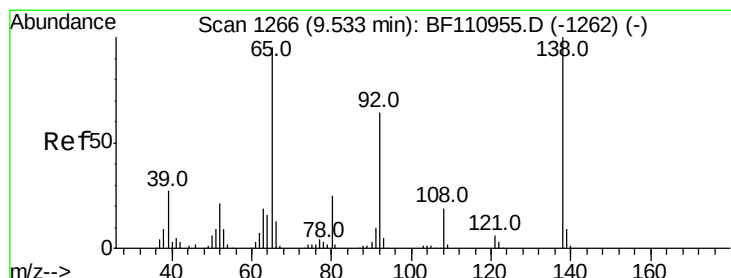
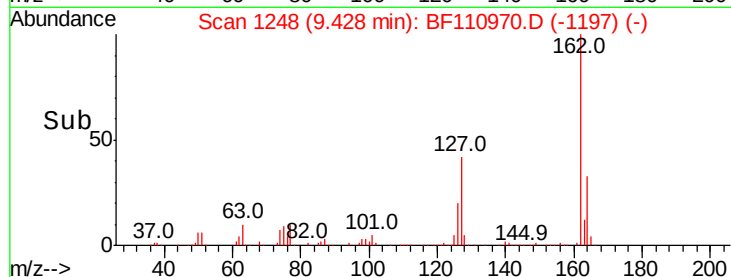
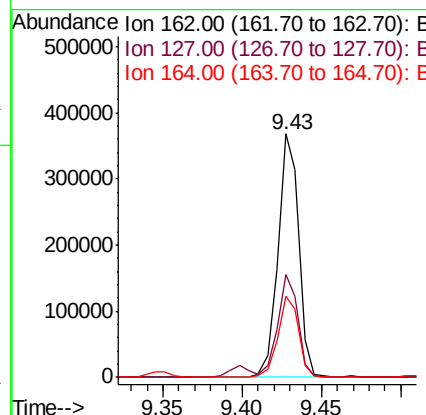
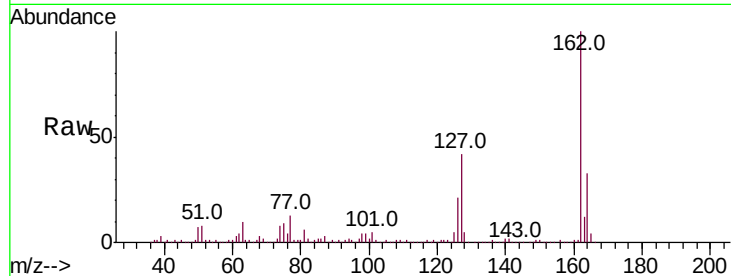
#47
2-Chloronaphthalene
Concen: 40.704 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	337181		
127	42.4	32.6	48.8	
164	33.2	25.9	38.9	

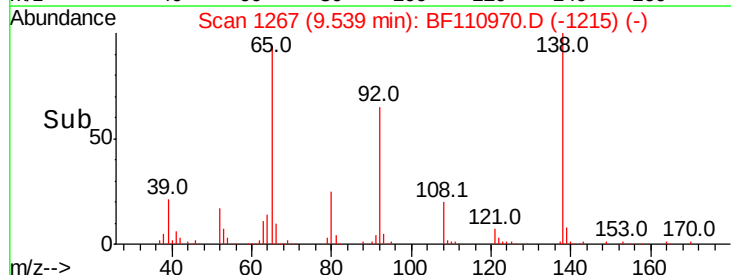
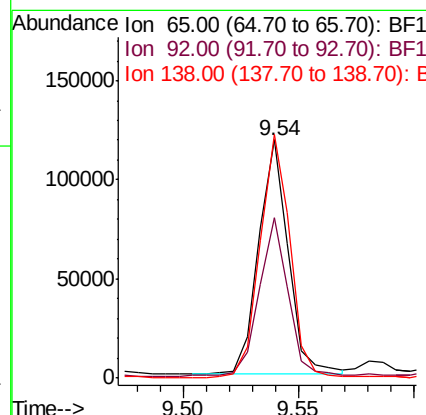
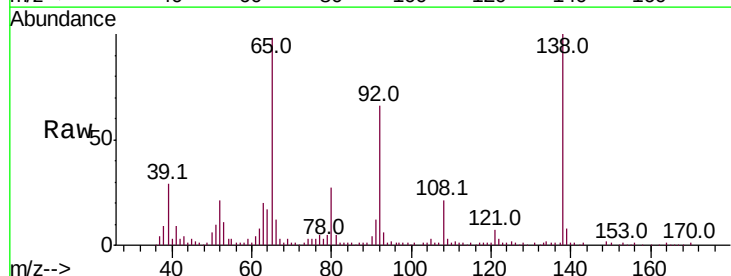
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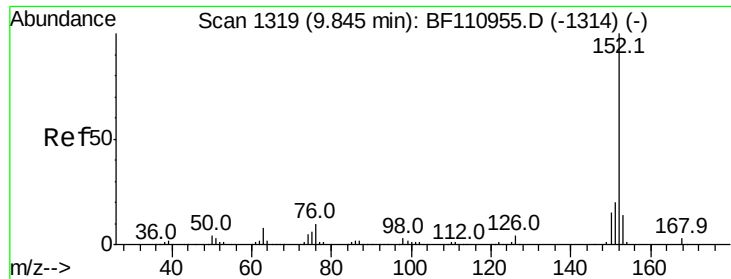
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#48
2-Nitroaniline
Concen: 40.680 ng
RT: 9.54 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	105401		
92	67.2	54.6	81.8	
138	102.3	80.3	120.5	





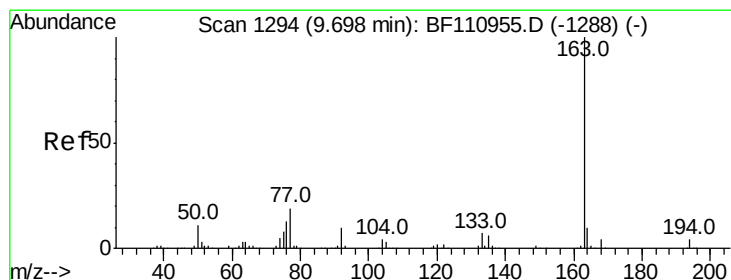
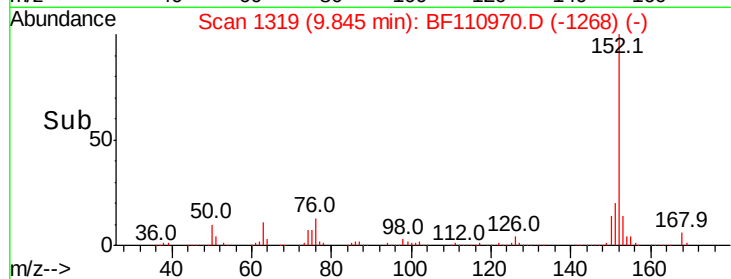
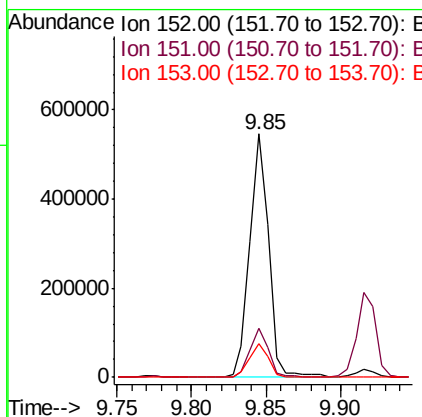
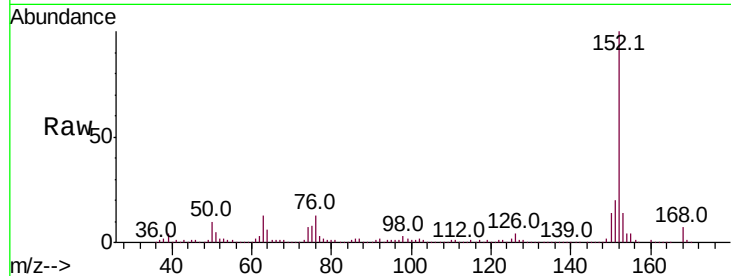
#49
Acenaphthylene
Concen: 40.585 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	478060		
151	20.1		15.8	23.8
153	14.0		10.4	15.6

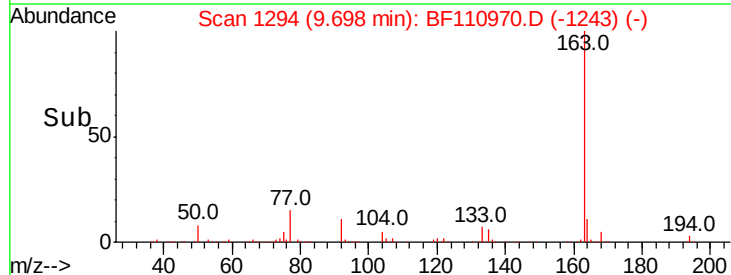
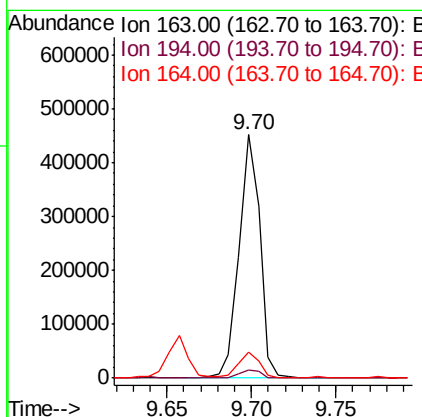
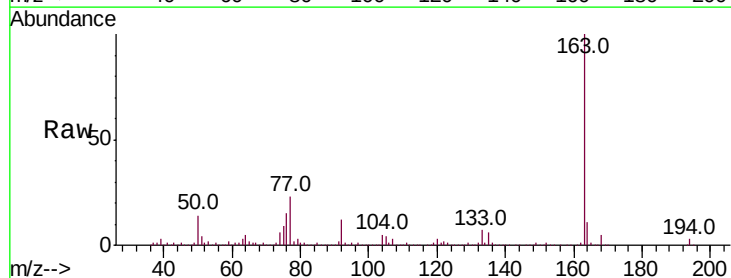
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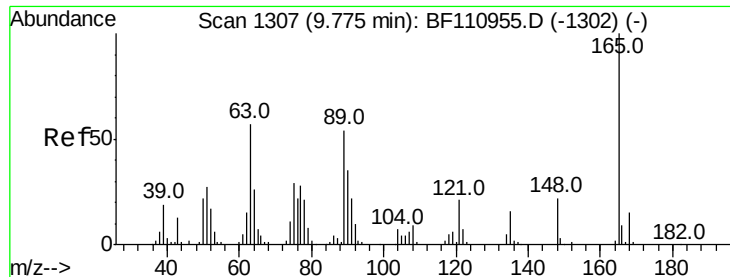
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#50
Dimethylphthalate
Concen: 42.737 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	388412		
194	3.5		3.2	4.8
164	10.8		8.1	12.1





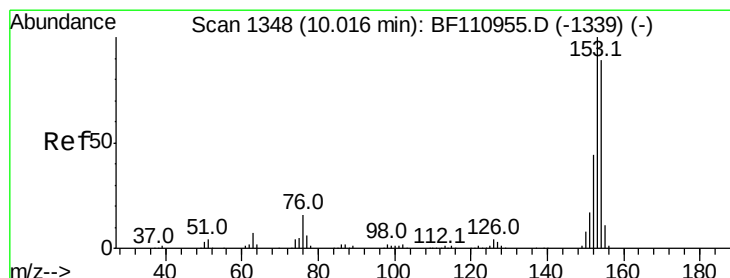
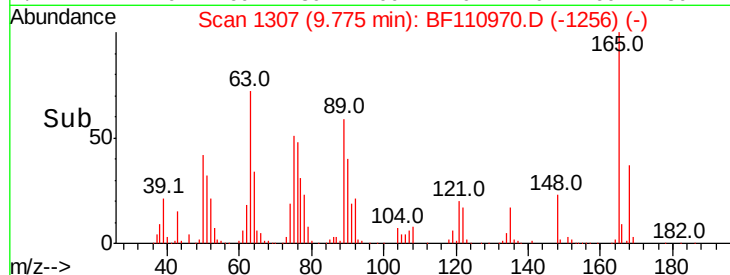
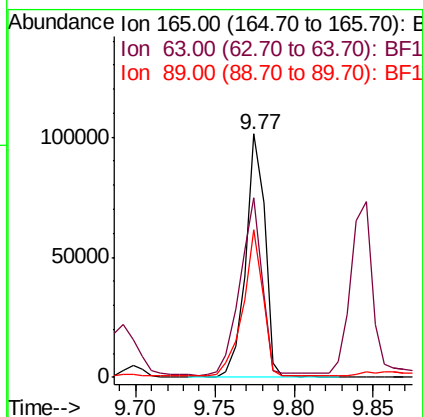
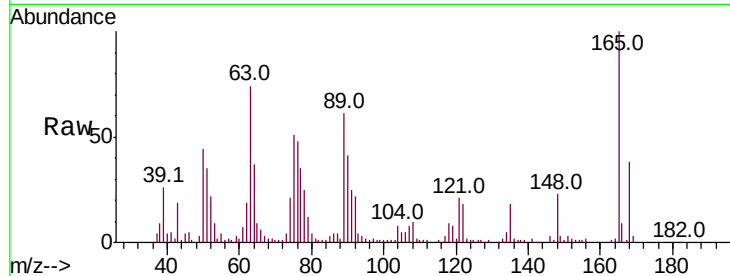
#51
 2,6-Dinitrotoluene
 Concen: 42.075 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	74.0	48.9	73.3#
89	60.6	46.6	69.8

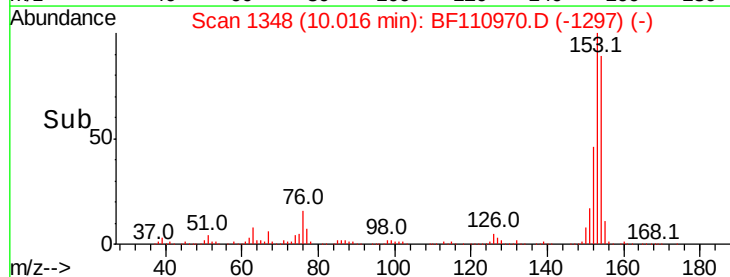
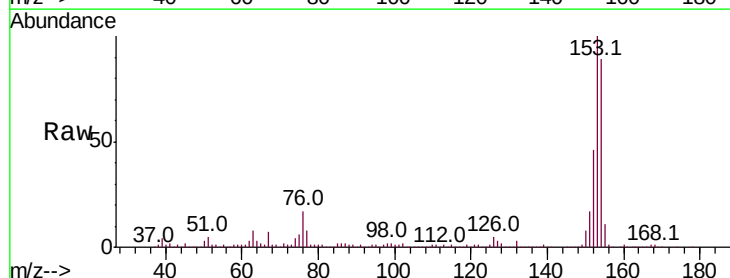
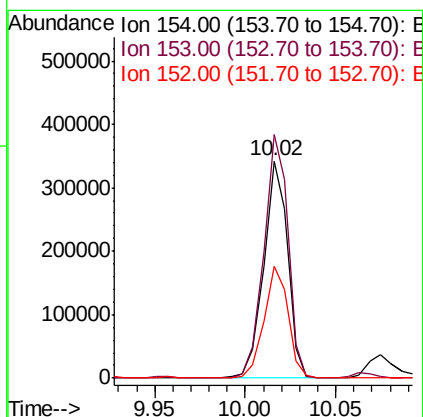
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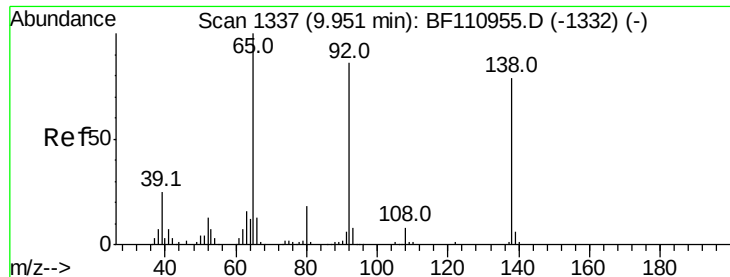
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#52
 Acenaphthene
 Concen: 41.802 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.2	90.1	135.1
152	51.7	43.4	65.2





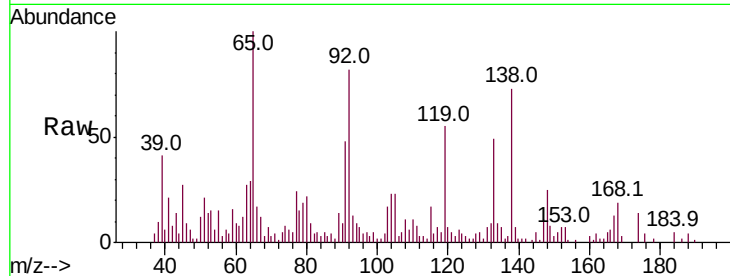
#53
3-Nitroaniline
Concen: 9.456 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

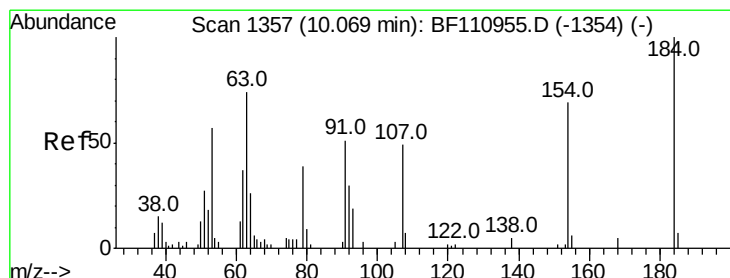
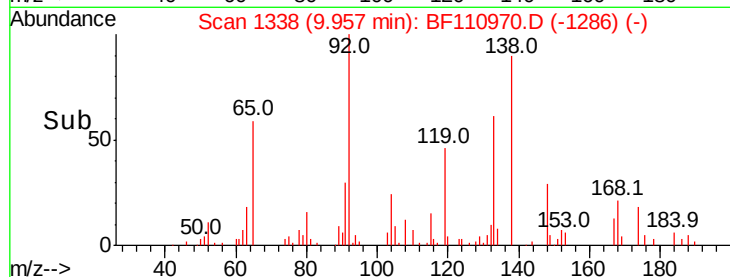
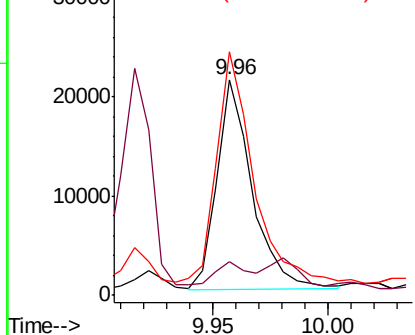
Tot Ion:138 Resp: 22299
Ion Ratio Lower Upper
138 100
108 15.5 8.7 13.1#
92 112.7 97.0 145.4

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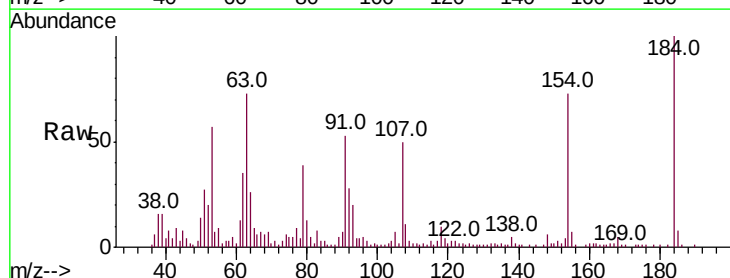


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

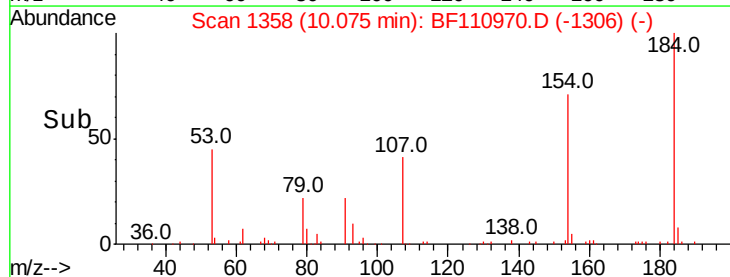
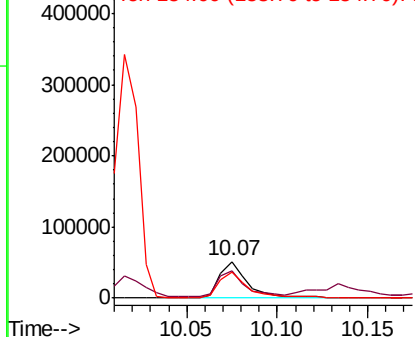


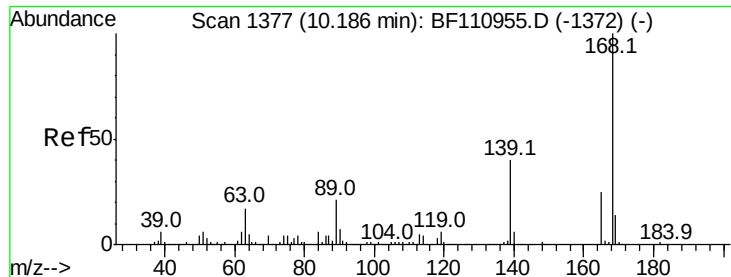
#54
2,4-Dinitrophenol
Concen: 78.785 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion:184 Resp: 56277
Ion Ratio Lower Upper
184 100
63 73.3 55.8 83.6
154 72.9 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





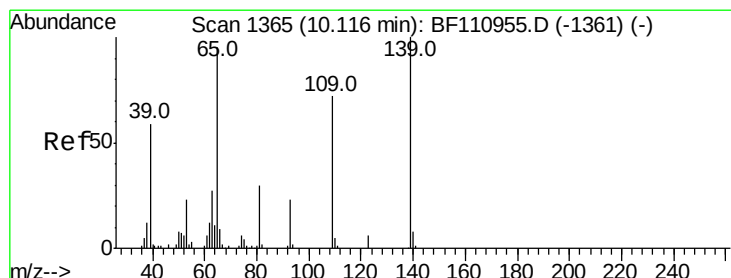
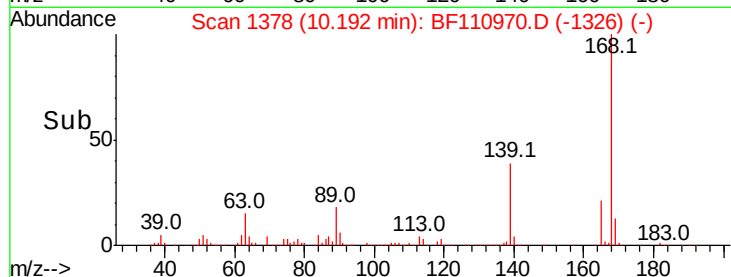
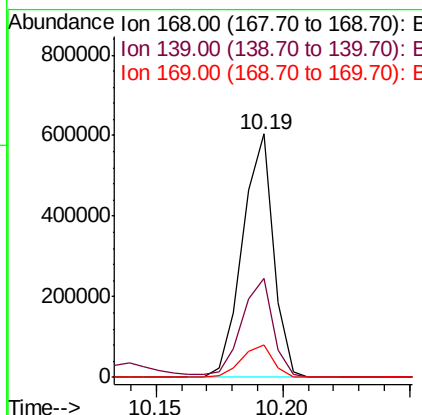
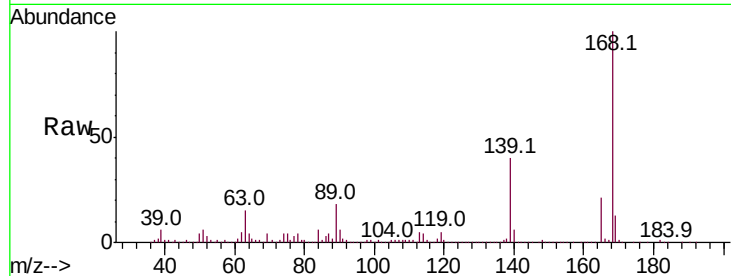
#55
Dibenzofuran
Concen: 46.500 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	512254		
139	40.4	33.0	49.6	
169	13.2	11.3	16.9	

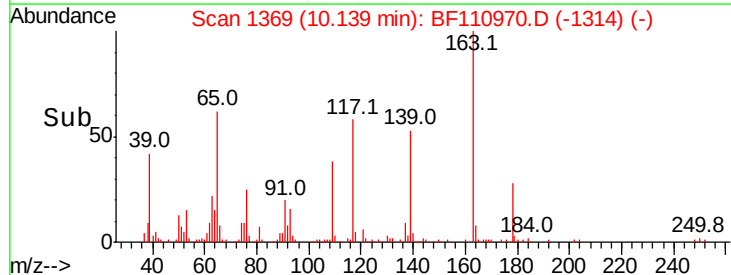
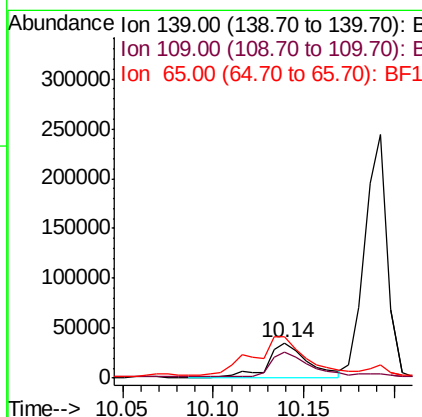
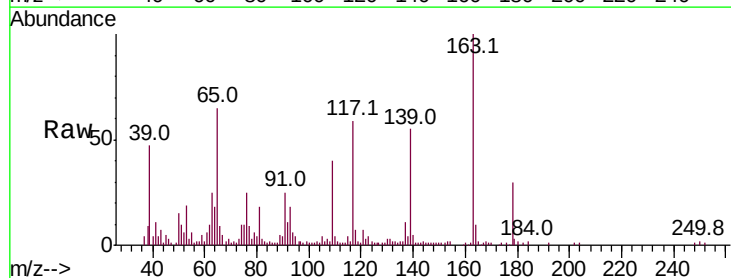
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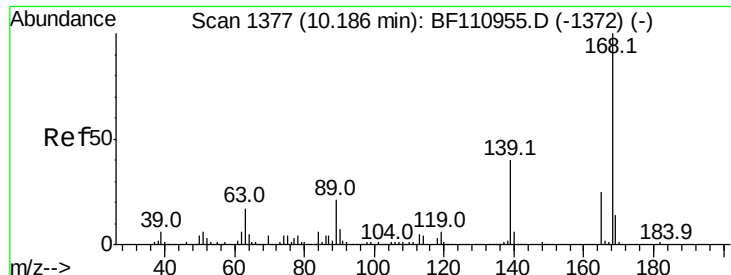
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#56
4-Nitrophenol
Concen: 42.595 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.02 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	53095		
109	71.9	55.8	95.8	
65	117.9	77.9	117.9	





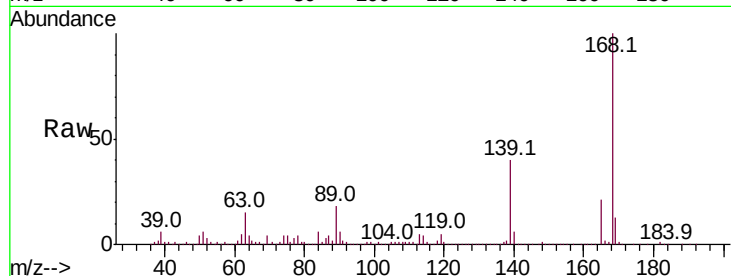
#57
2,4-Dinitrotoluene
Concen: 39.937 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	70.4	44.8	67.2	#
89	84.4	62.2	93.4	
182	2.5	2.1	3.1	

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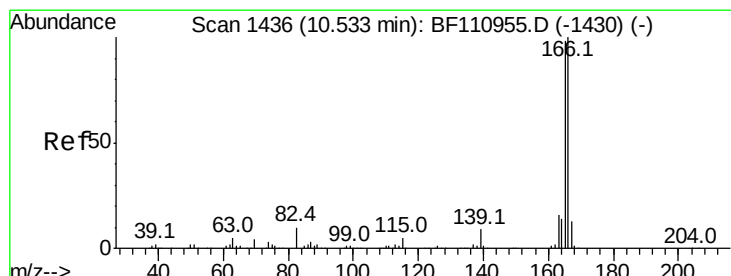
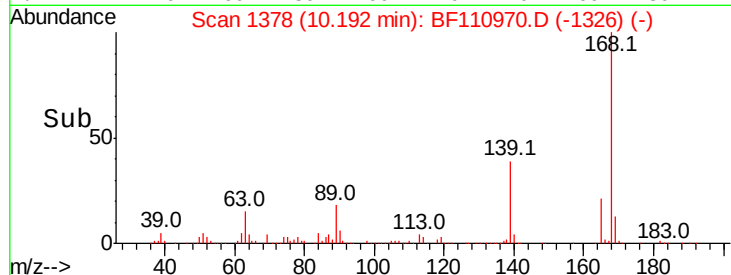
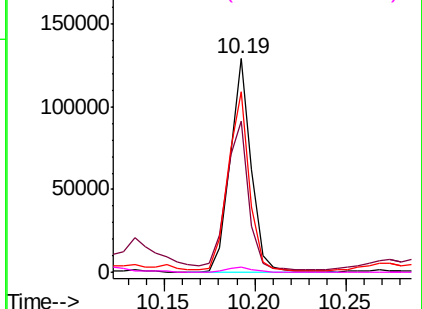
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 48.910 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

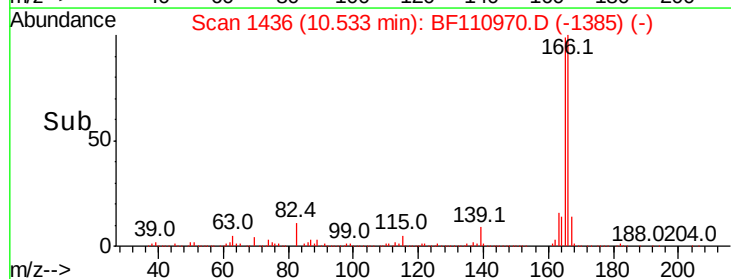
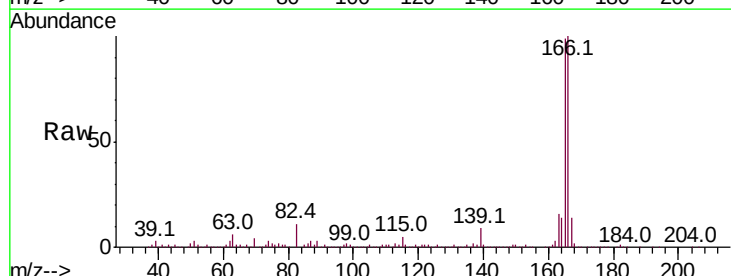
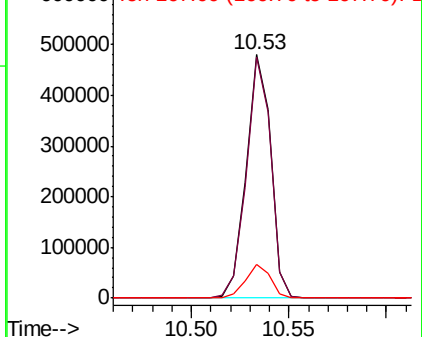
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.2	78.6	117.8	
167	13.7	10.8	16.2	

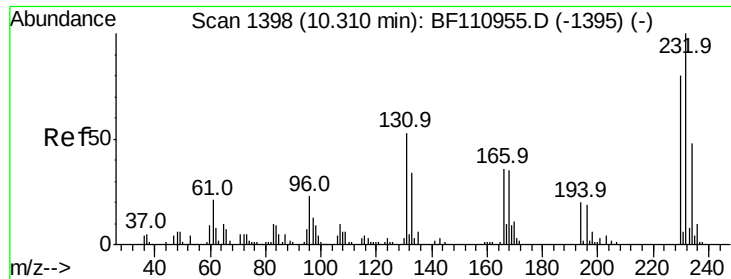
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





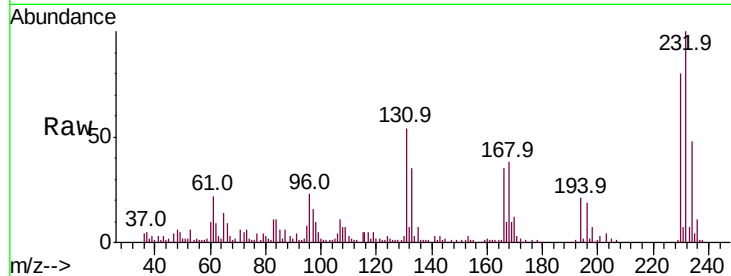
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.408 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampled :
DTW-03MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.6	37.0	55.4
130	3.4	1.8	2.6
166	33.7	22.0	33.0

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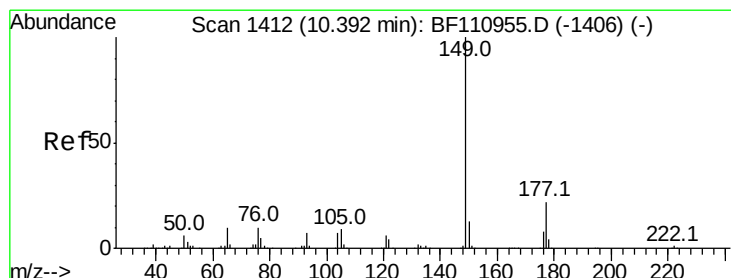
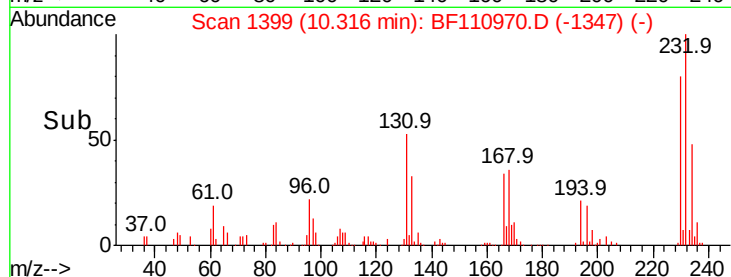
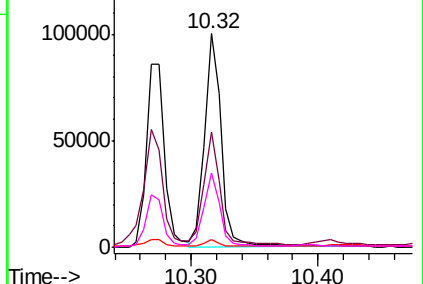
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.555 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

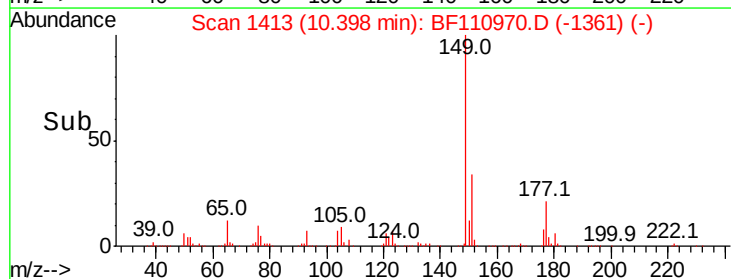
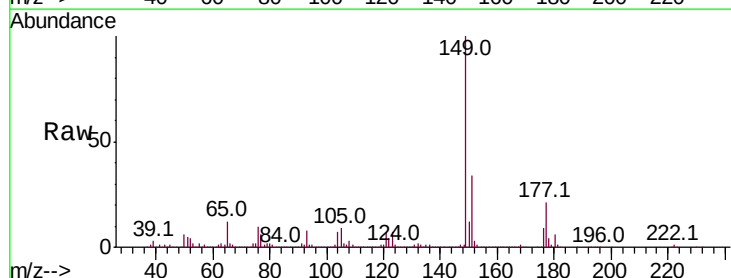
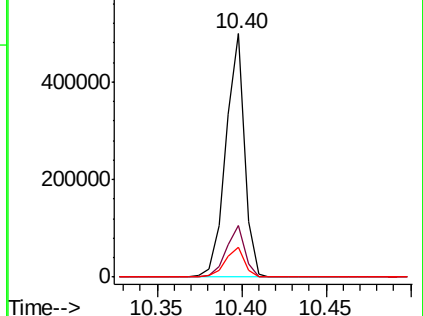
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	12.4	9.8	14.8

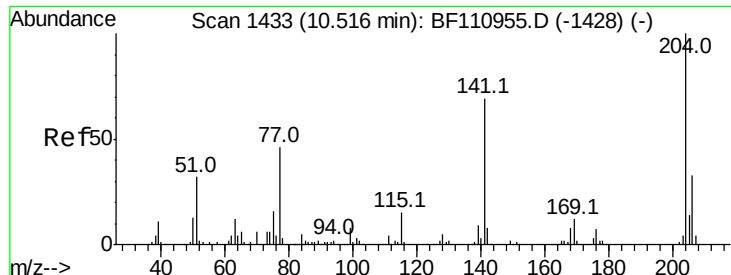
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





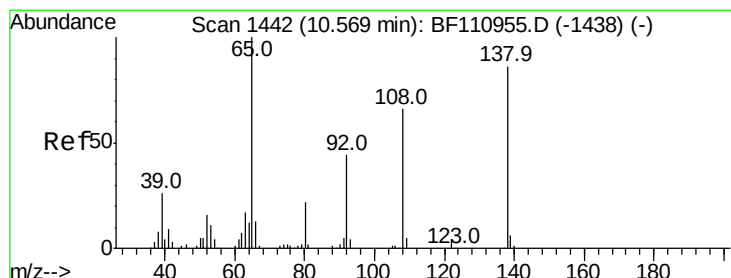
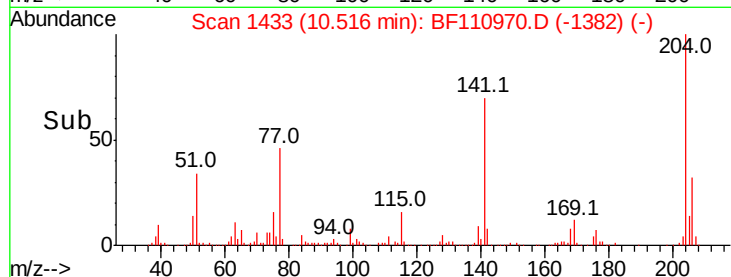
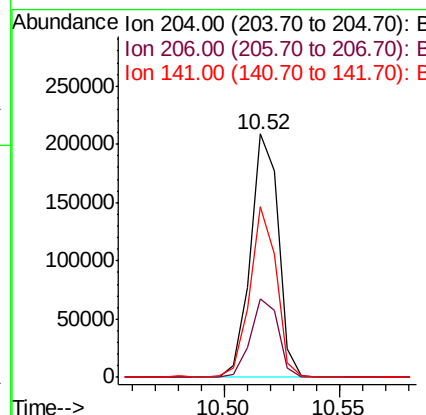
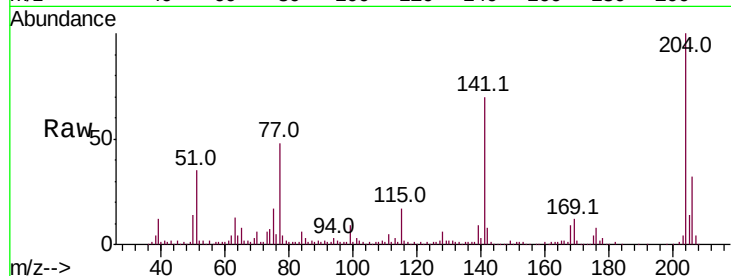
#61
4-Chlorophenyl-phenylether
Concen: 39.365 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	70.1	51.8	77.8

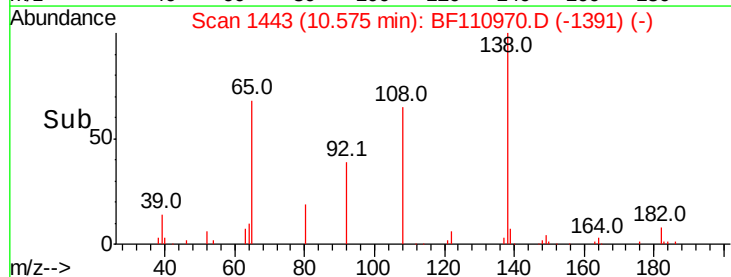
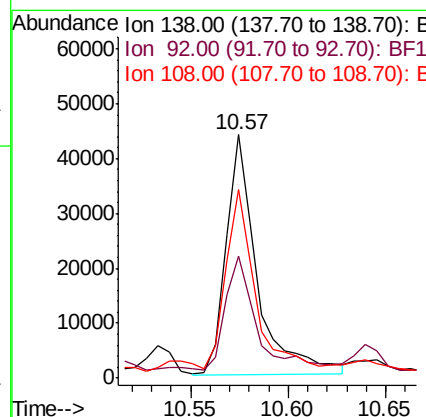
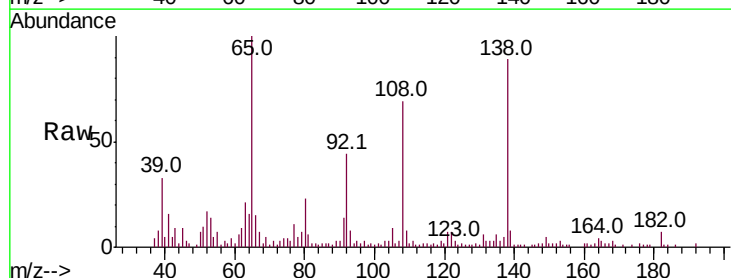
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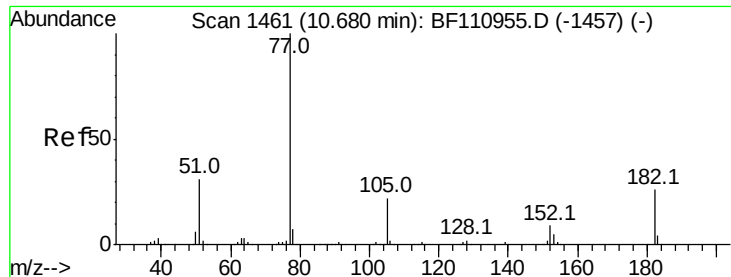
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#62
4-Nitroaniline
Concen: 22.057 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	31.7	71.7
108	77.3	59.3	99.3





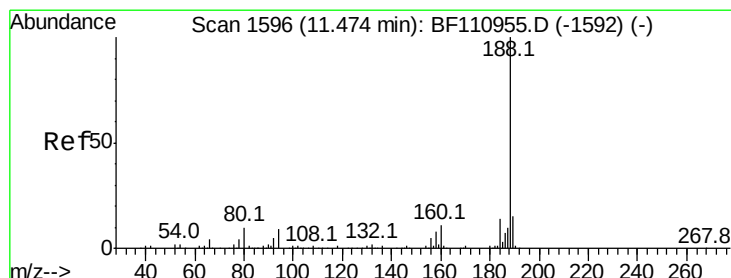
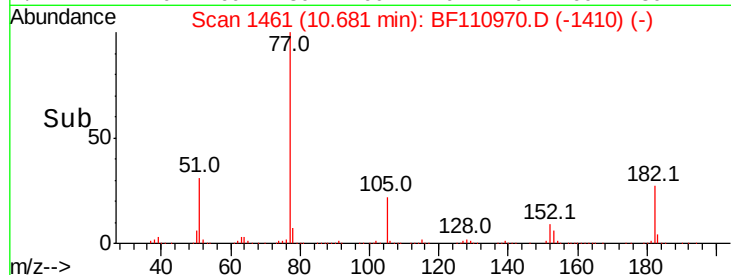
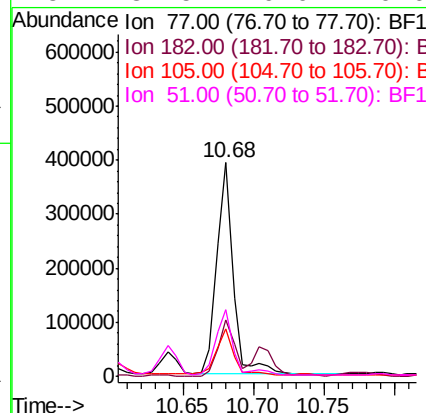
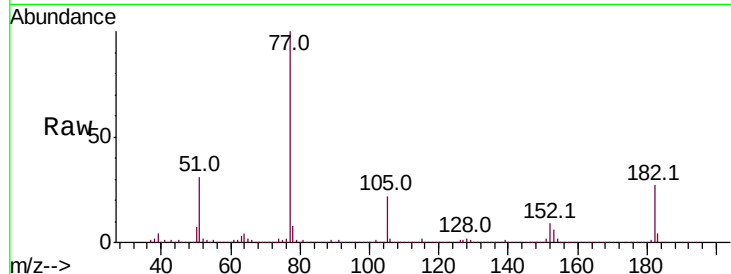
#63
Azobenzene
Concen: 34.896 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	4.3	44.3
105	22.4	1.3	41.3
51	31.5	9.0	49.0

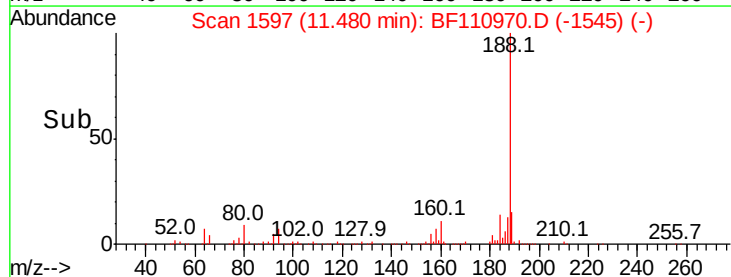
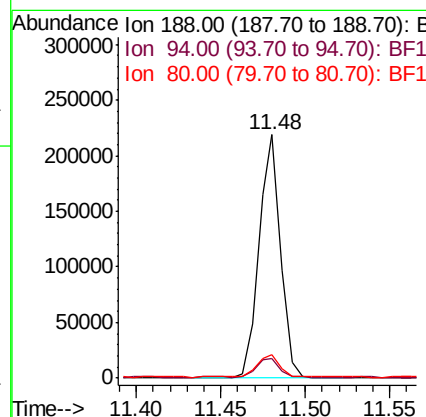
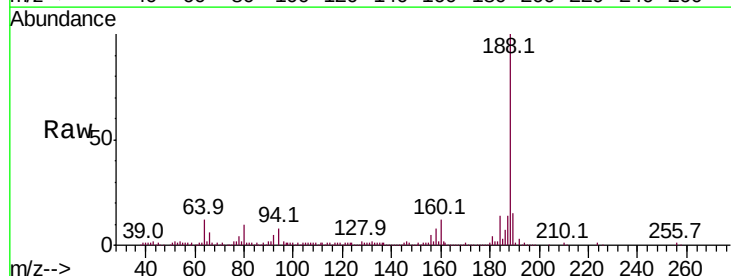
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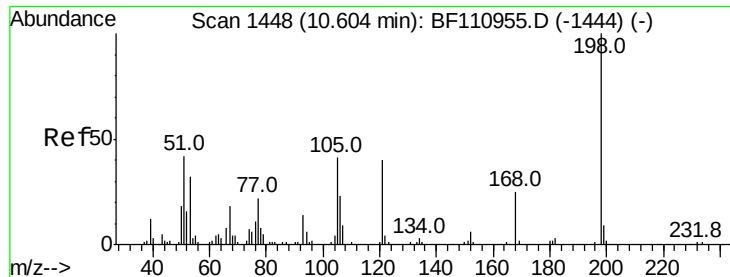
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.5	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 41.215 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

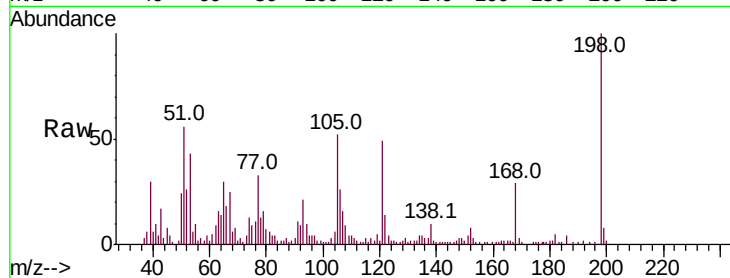
ClientSampleId :

DTW-03MSD

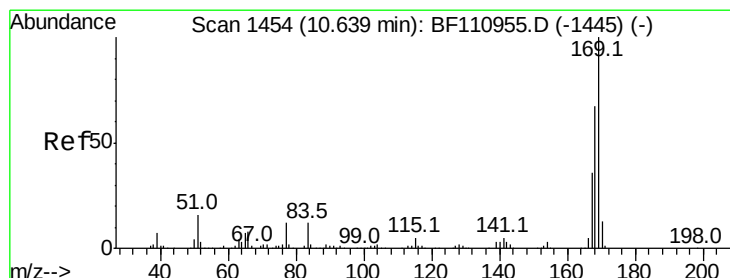
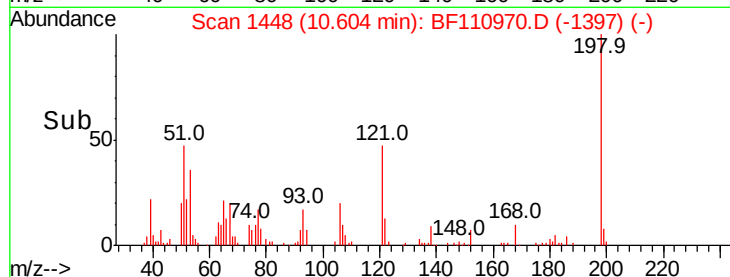
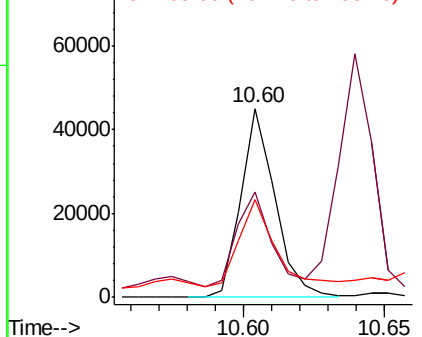
Tot Ion:	198	Resp:	38035
Ion Ratio	Lower	Upper	
198	100		
51	55.6	22.8	62.8
105	51.6	23.6	63.6

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.647 ng

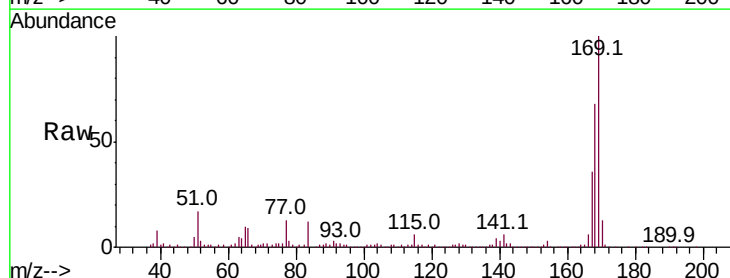
RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

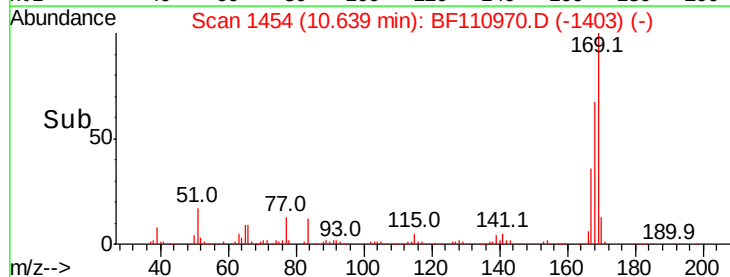
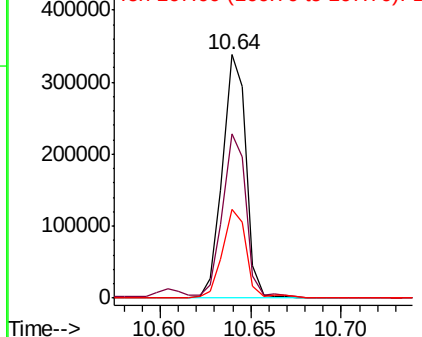
Lab File: BF110970.D

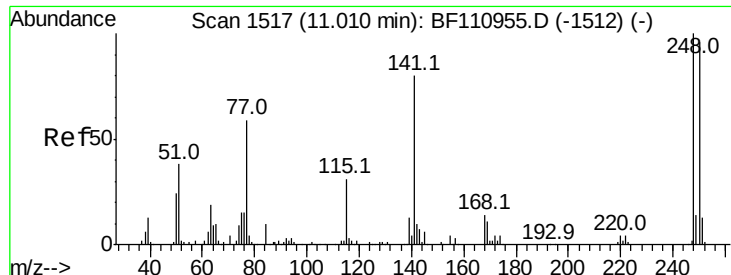
Acq: 26 Nov 2018 18:15

Tgt Ion:	169	Resp:	302949
Ion Ratio	Lower	Upper	
169	100		
168	67.6	51.2	76.8
167	36.3	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





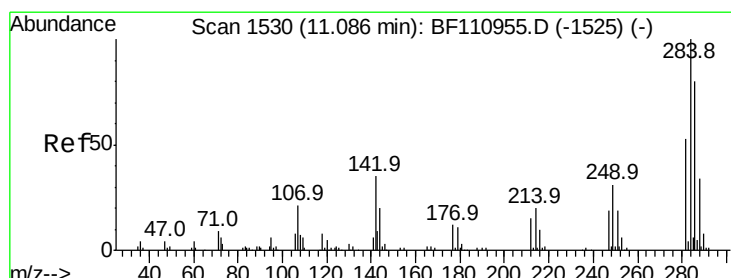
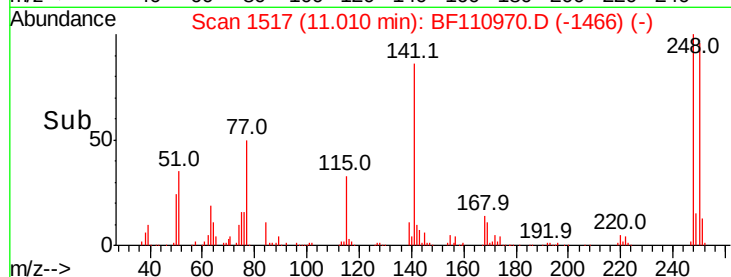
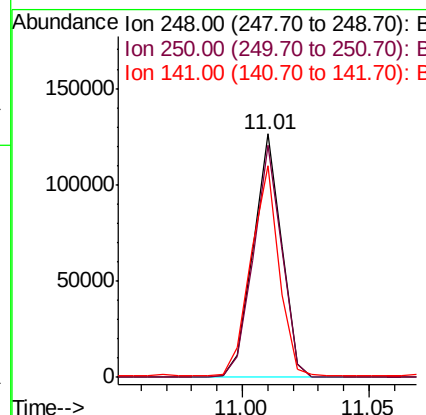
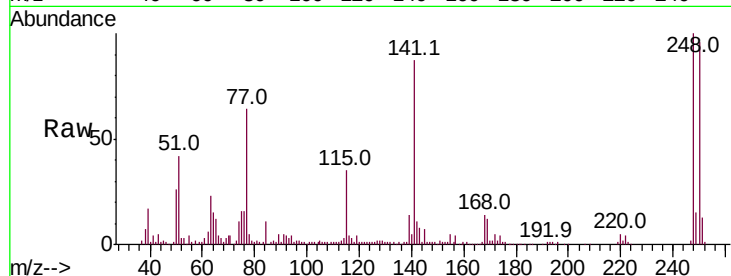
#67
4-Bromophenyl-phenylether
Concen: 46.438 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.6	79.4	119.2
141	86.9	55.9	83.9#

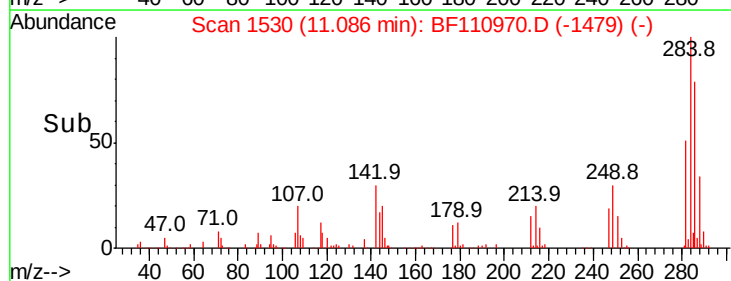
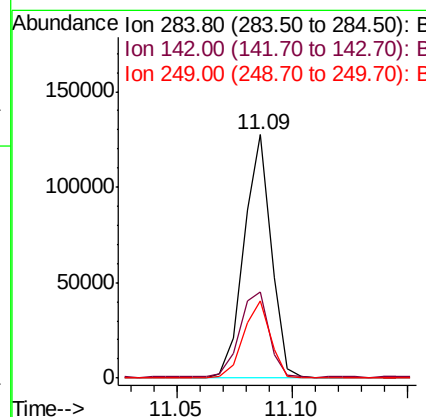
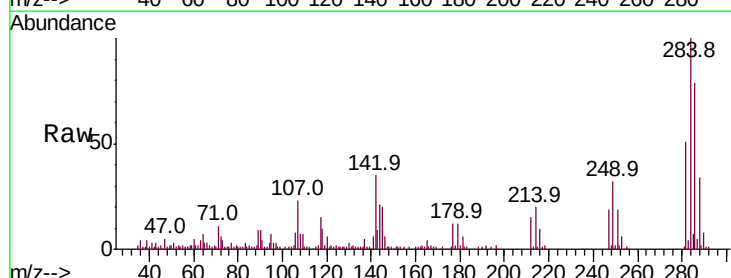
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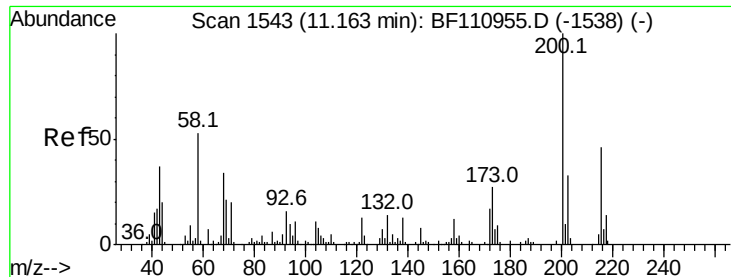
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#68
Hexachlorobenzene
Concen: 46.284 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	23.9	35.9
249	31.7	24.2	36.2





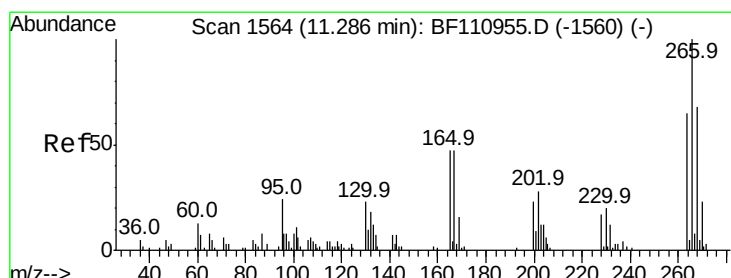
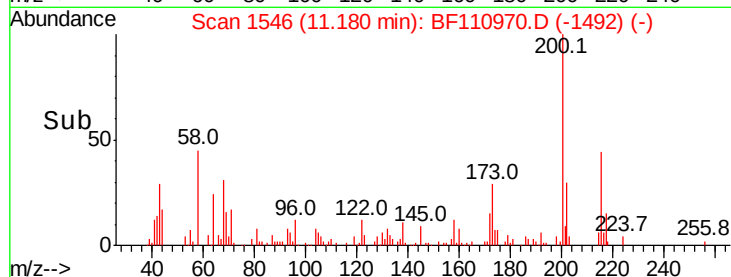
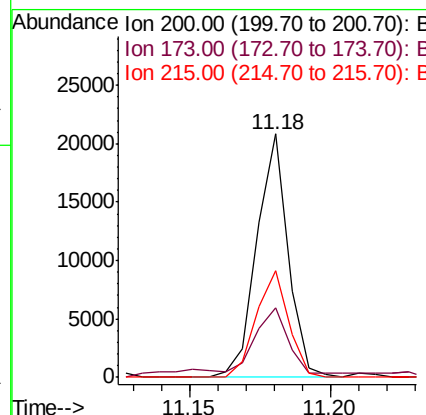
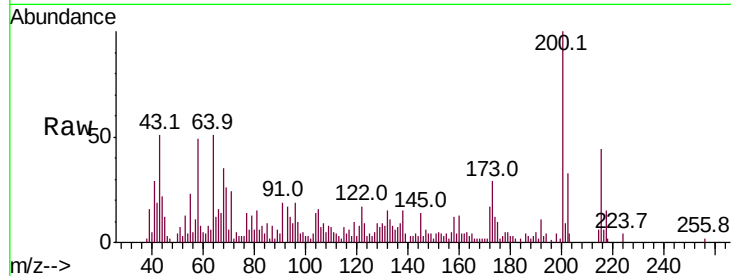
#69
 Atrazine
 Concen: 7.762 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.02 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Tot Ion:	200	Resp:	16055
Ion Ratio	Lower	Upper	
200	100		
173	28.5	6.6	46.6
215	43.9	26.3	66.3

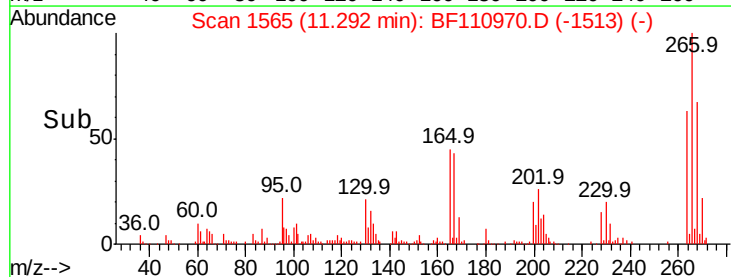
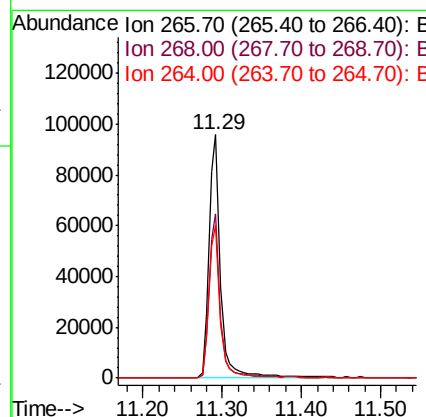
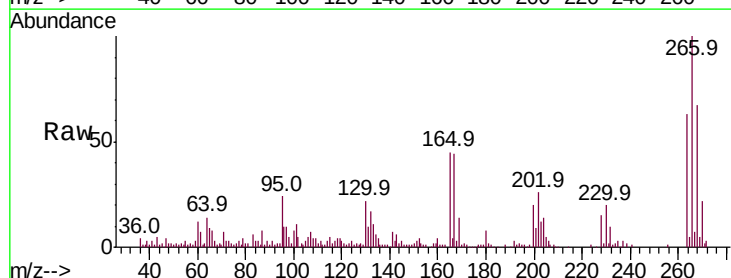
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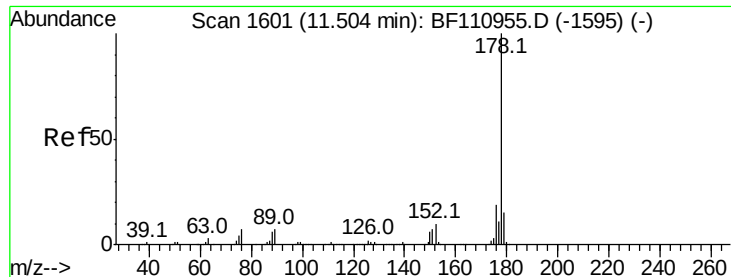
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#70
 Pentachlorophenol
 Concen: 110.502 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion:	266	Resp:	99494
Ion Ratio	Lower	Upper	
266	100		
268	67.3	50.6	75.8
264	62.7	50.6	75.8





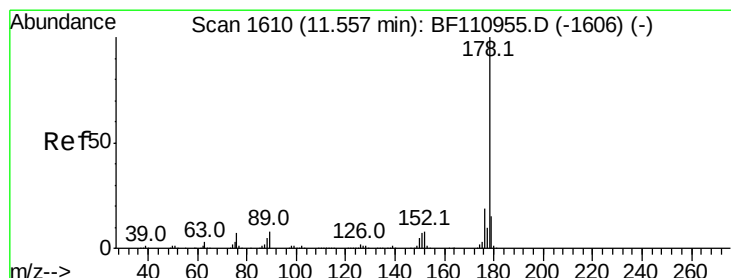
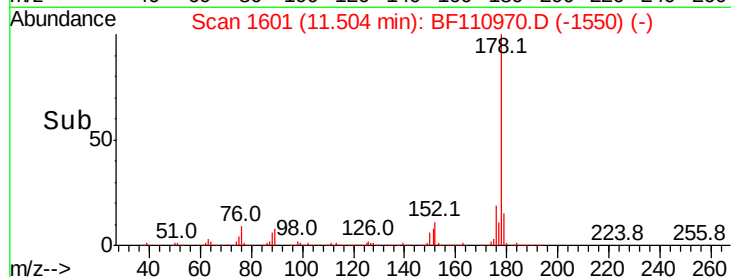
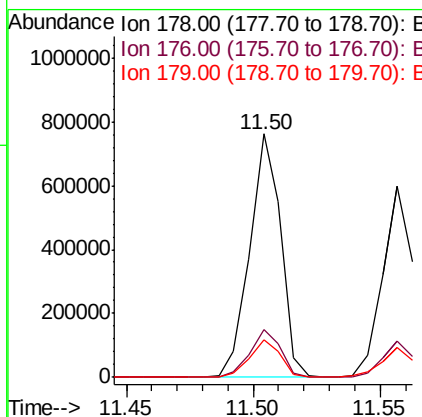
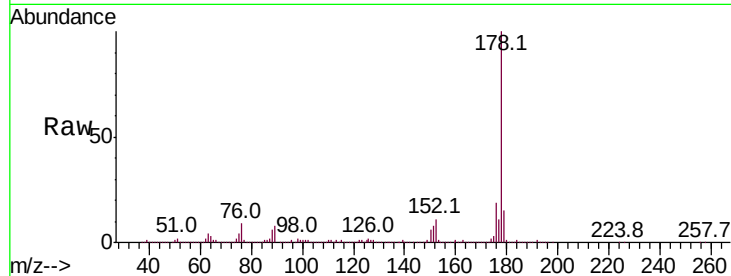
#71
Phenanthrene
Concen: 62.780 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.4	12.5	18.7

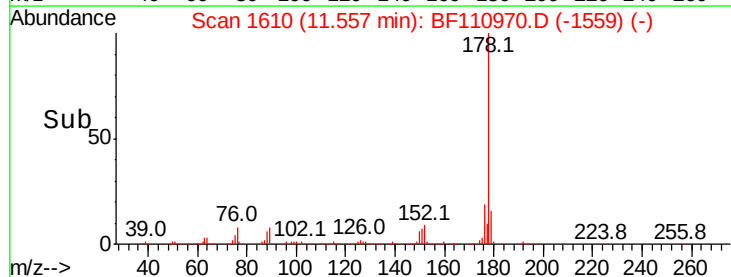
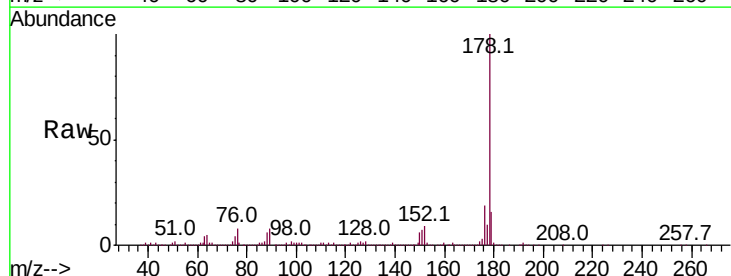
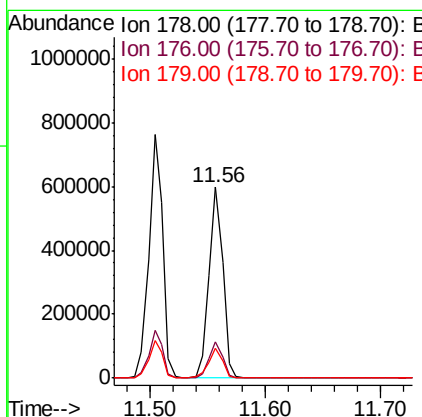
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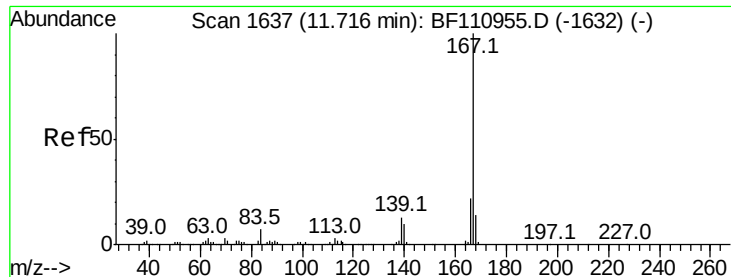
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#72
Anthracene
Concen: 47.470 ng
RT: 11.56 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.9	12.6	18.8





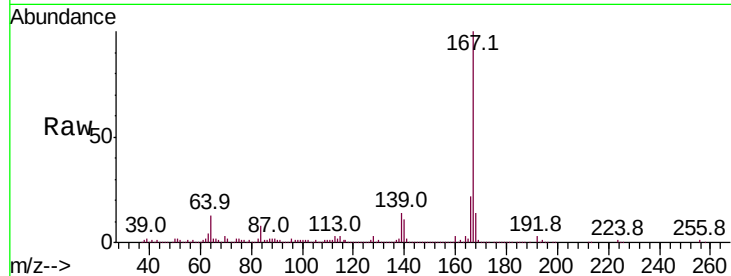
#73
 Carbazole
 Concen: 37.257 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

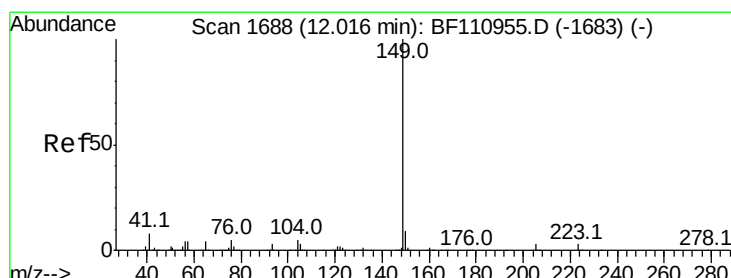
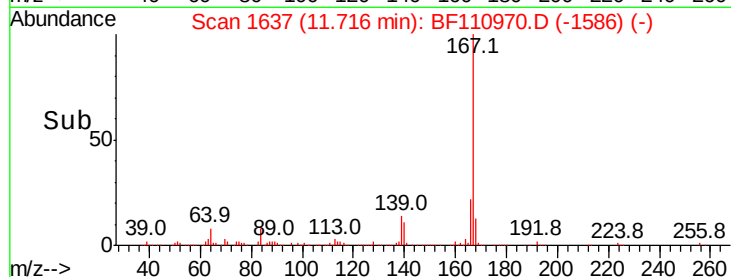
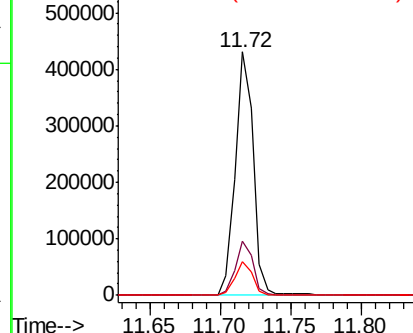
Tot Ion:	167	Resp:	380522
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.4	26.0
139	13.9	10.9	16.3

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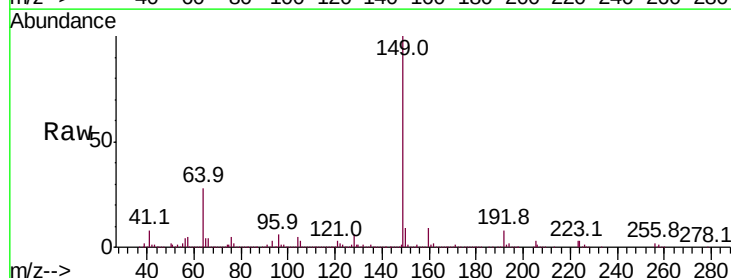


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

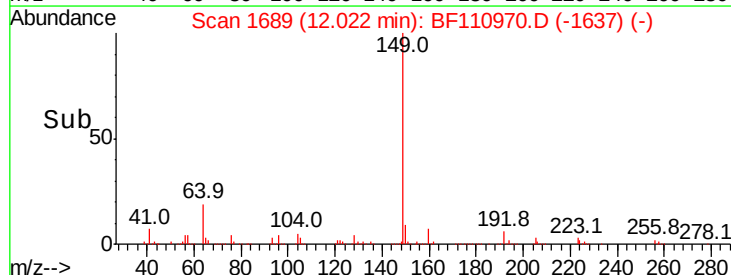
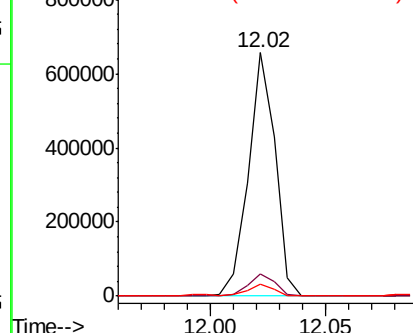


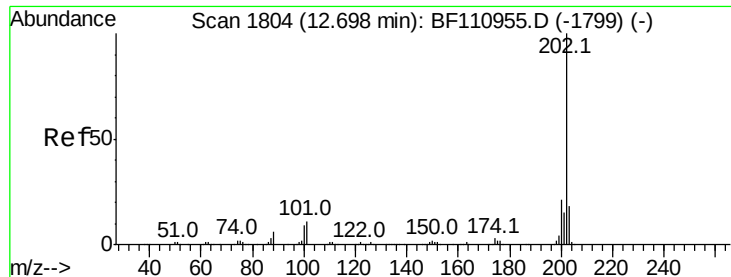
#74
 Di-n-butylphthalate
 Concen: 44.413 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. 0.01 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion:	149	Resp:	530359
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	5.1	4.2	6.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.637 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

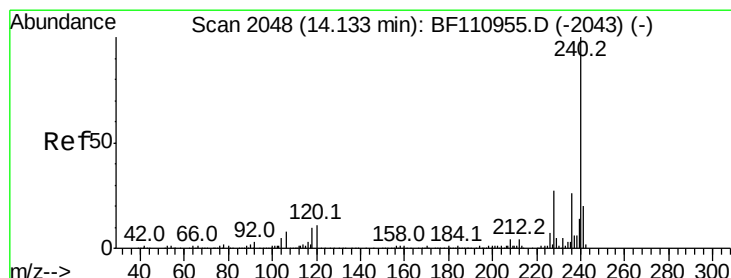
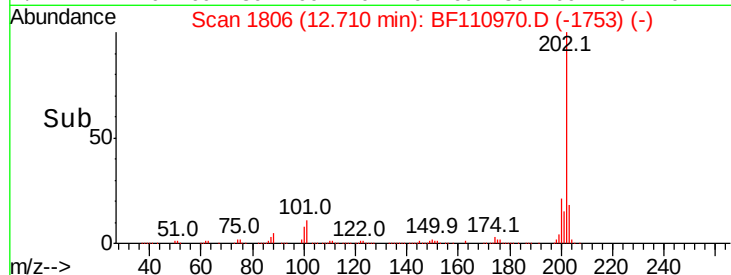
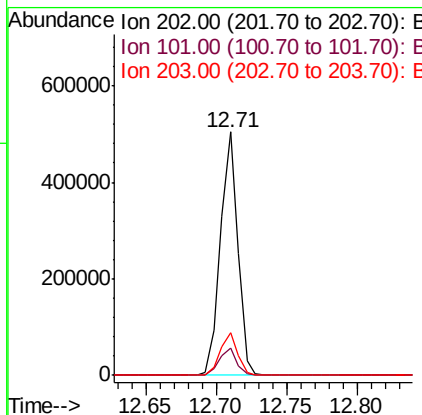
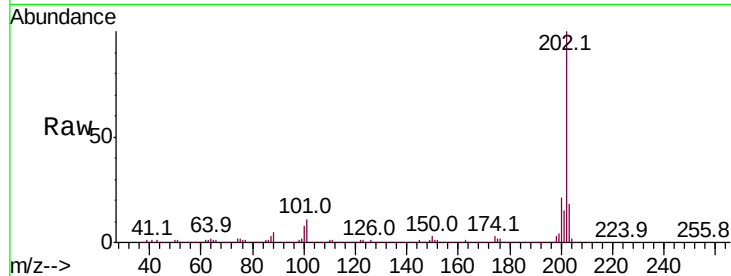
ClientSampleId :

DTW-03MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	31.4
203	17.6	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

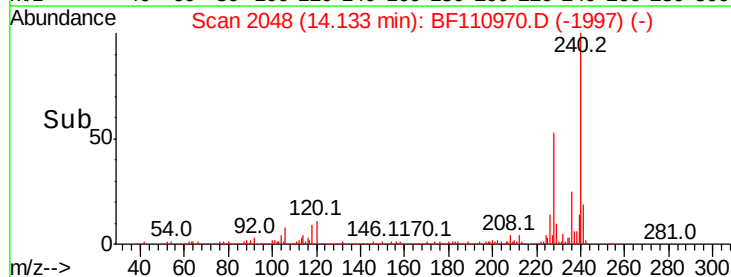
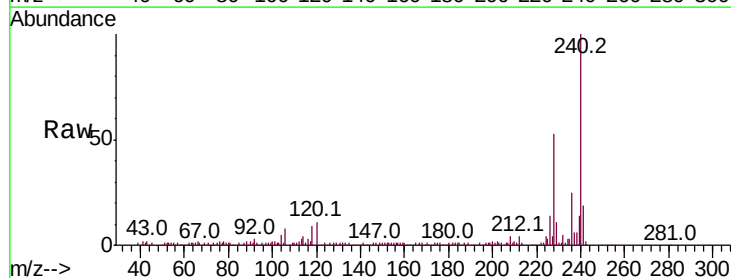
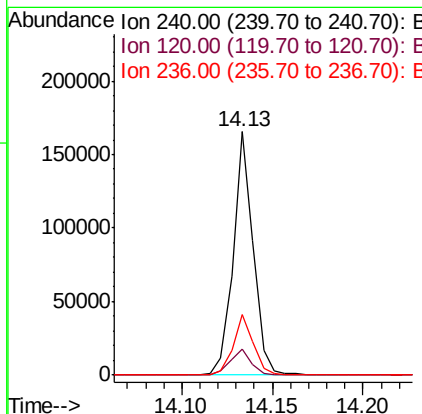
RT: 14.13 min Scan# 2048

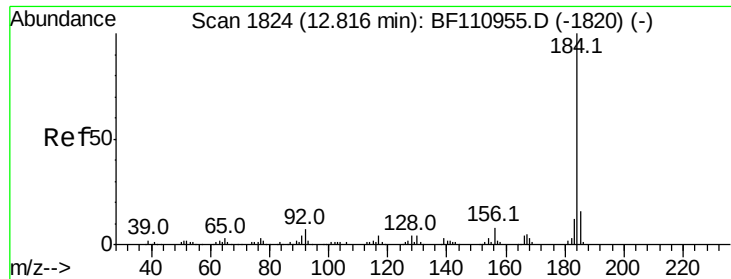
Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.9	8.3	12.5
236	24.7	21.2	31.8





#77

Benzidine

Concen: 0.181 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.03 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

ClientSampleId :

DTW-03MSD

Tot Ion:184 Resp: 588

Ion Ratio Lower Upper

184 100

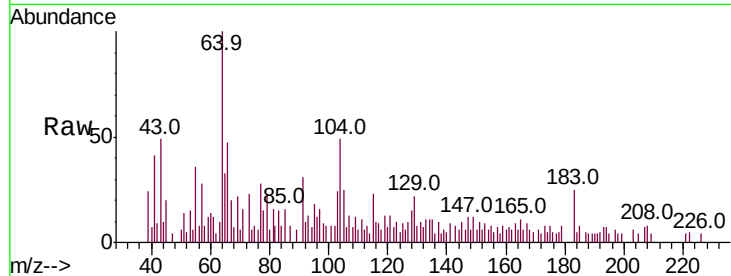
185 157.0 13.4 20.2#

183 469.8 9.4 14.2#

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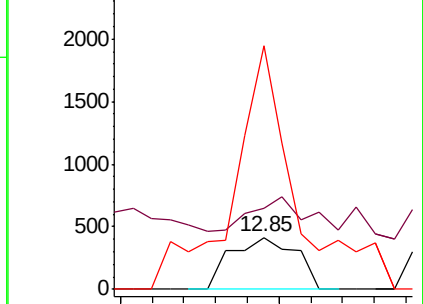
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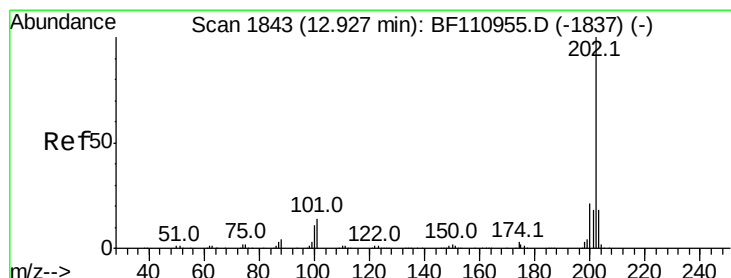
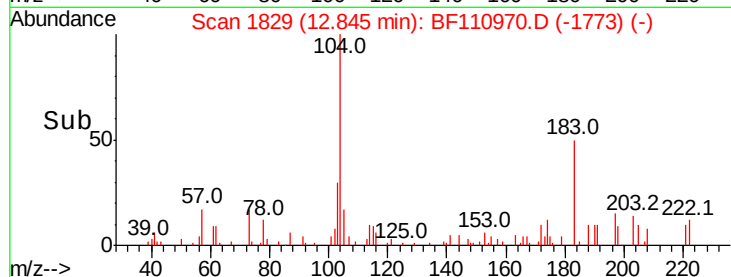
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.80 12.85



#78

Pyrene

Concen: 45.092 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

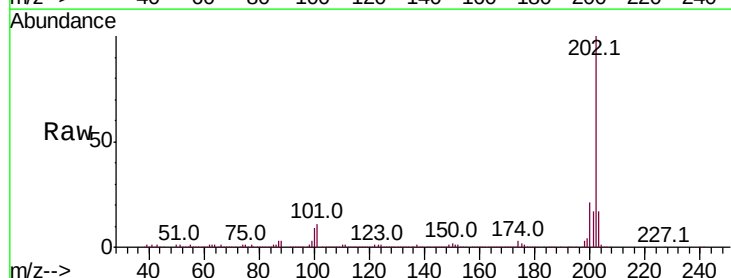
Tgt Ion:202 Resp: 418323

Ion Ratio Lower Upper

202 100

200 20.6 17.8 26.6

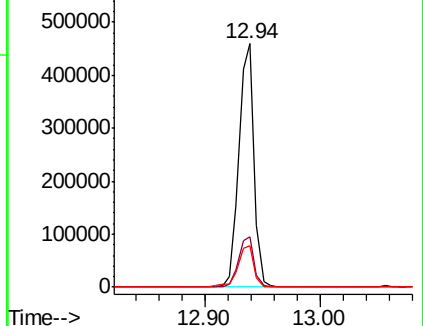
203 17.2 14.2 21.4



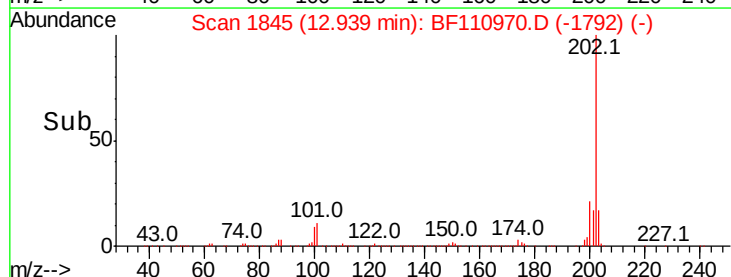
Abundance Ion 202.00 (201.70 to 202.70): E

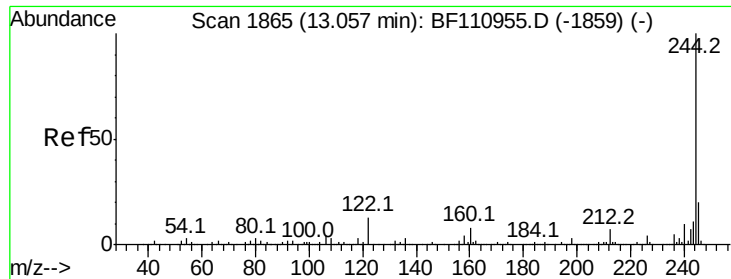
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.90 13.00





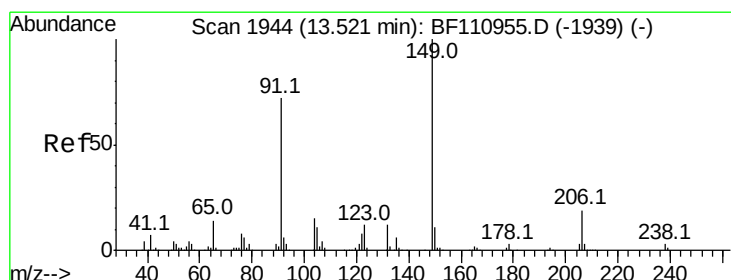
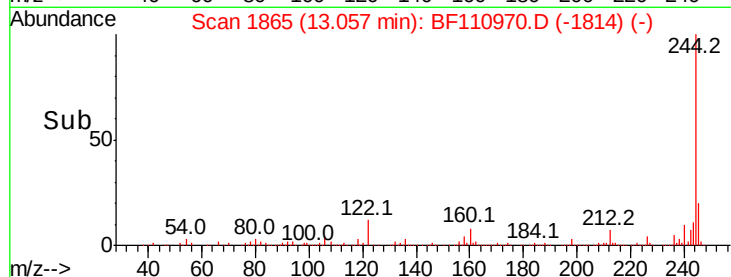
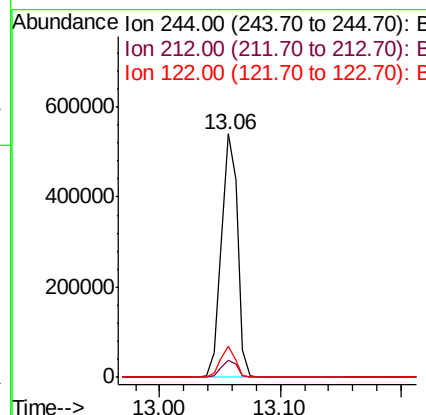
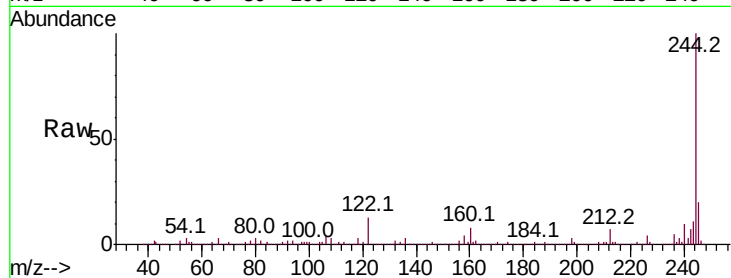
#79
 Terphenyl-d14
 Concen: 74.973 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 DTW-03MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.6	8.7	13.1

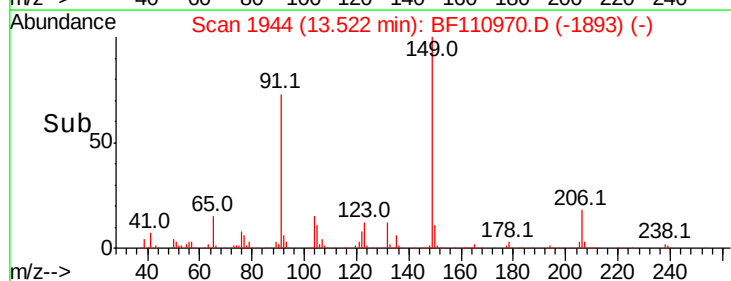
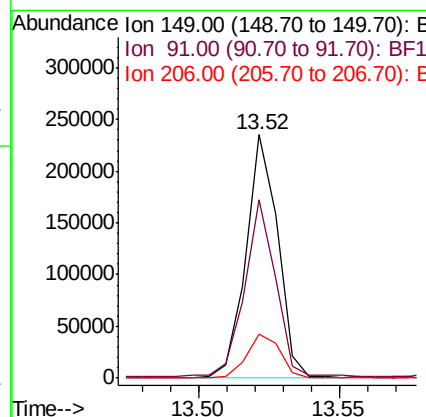
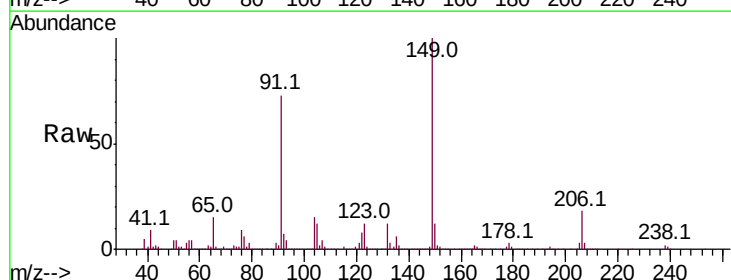
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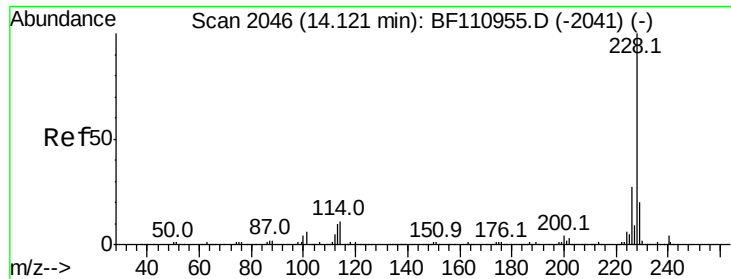
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#80
 Butylbenzylphthalate
 Concen: 43.446 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BF110970.D
 Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.3	57.2	85.8
206	18.0	15.7	23.5





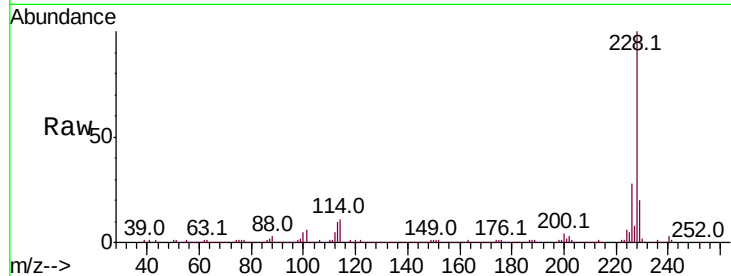
#81
Benzo(a)anthracene
Concen: 45.753 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

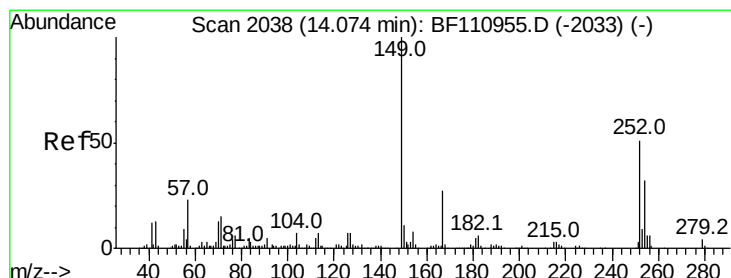
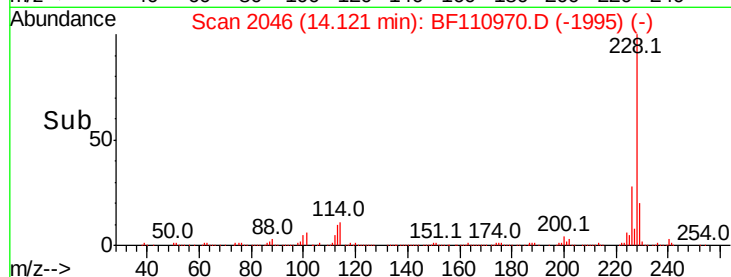
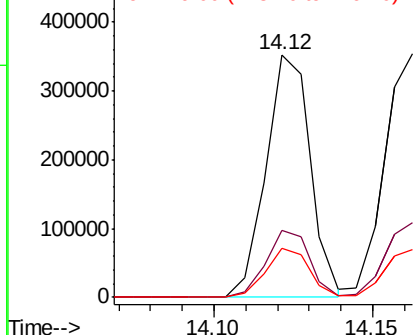
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	20.4	15.6	23.4

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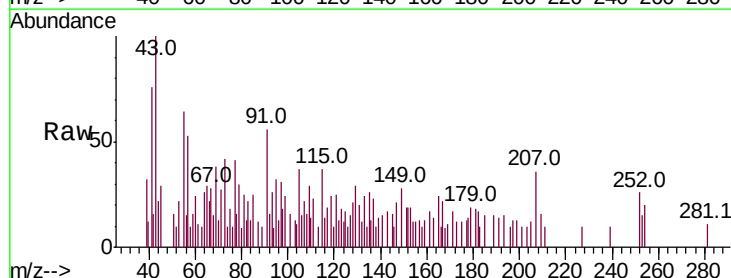


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

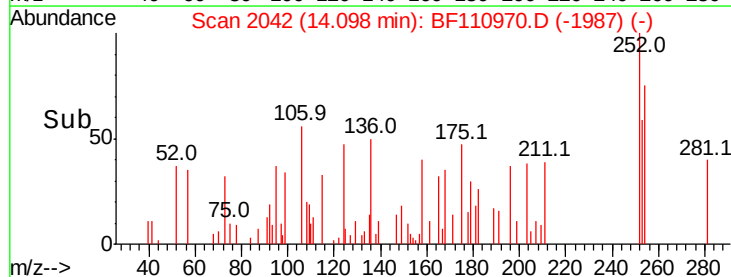
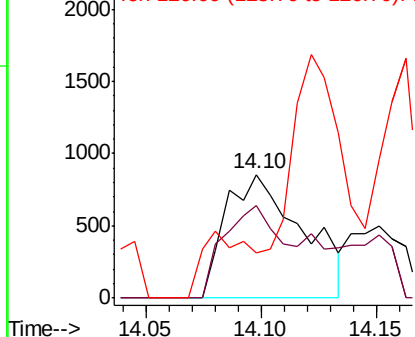


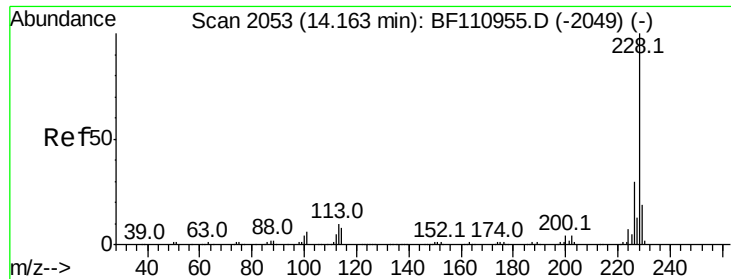
#82
3,3'-Dichlorobenzidine
Concen: 0.767 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.02 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	75.2	51.3	76.9
126	36.7	9.4	14.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





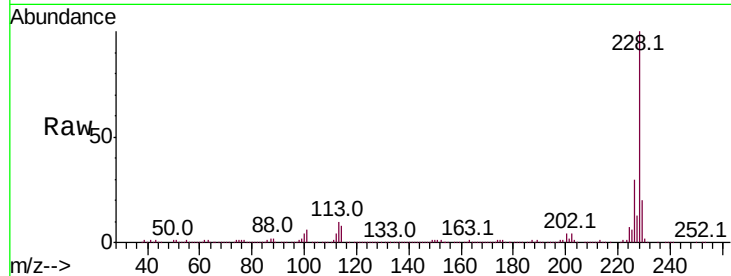
#83
Chrysene
Concen: 44.692 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

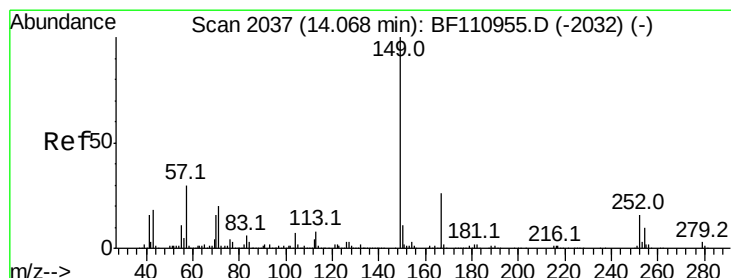
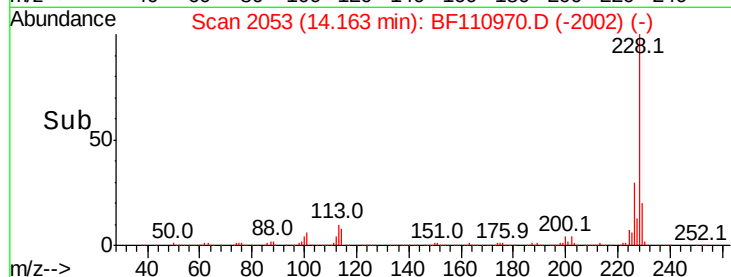
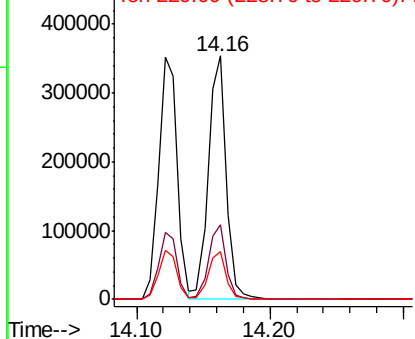
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	19.7	15.9	23.9

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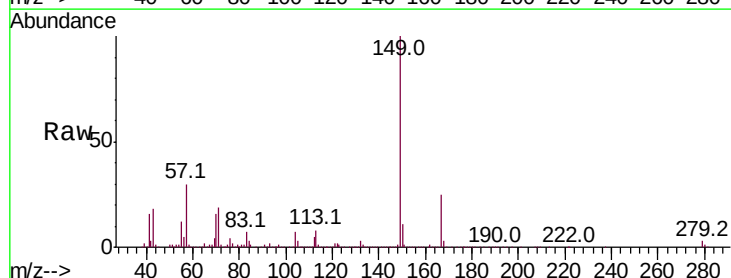


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

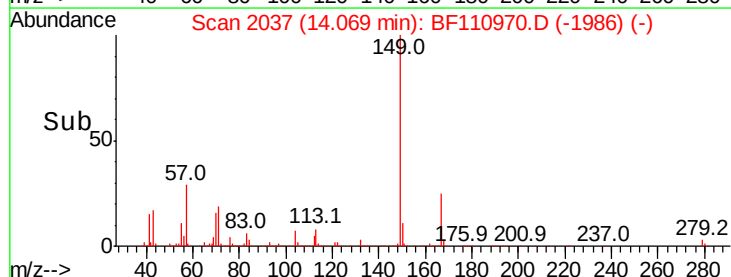
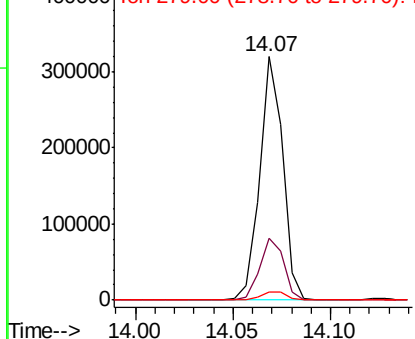


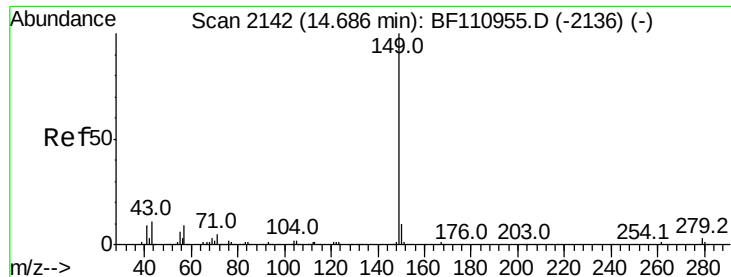
#84
Bis(2-ethylhexyl)phthalate
Concen: 46.457 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	19.8	29.8
279	3.1	2.7	4.1



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: 48.762 ng

RT: 14.69 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

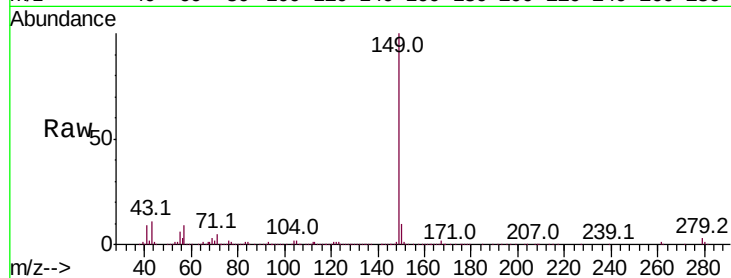
ClientSampleId :

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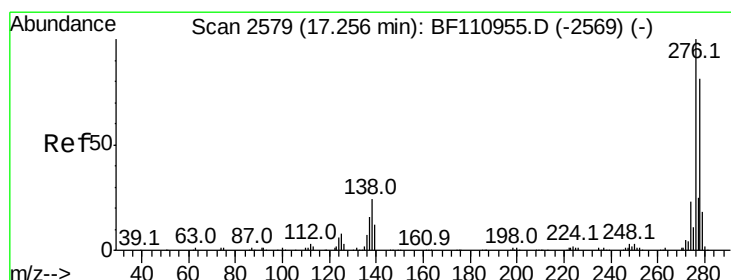
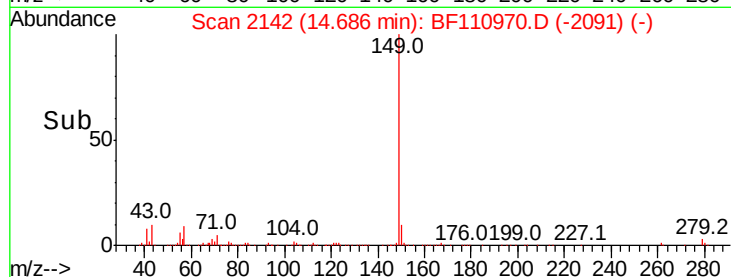
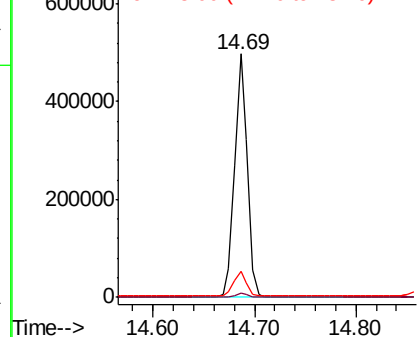
Tot Ion:	149	Resp:	429575
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.0	7.8	11.8

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 65.935 ng

RT: 17.26 min Scan# 2580

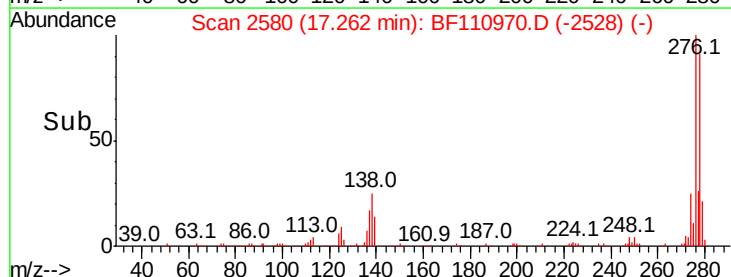
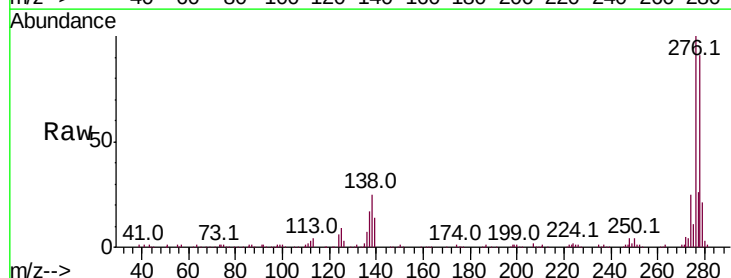
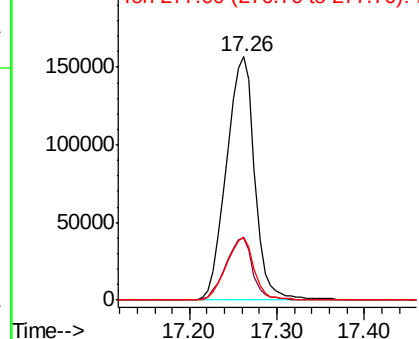
Delta R.T. 0.01 min

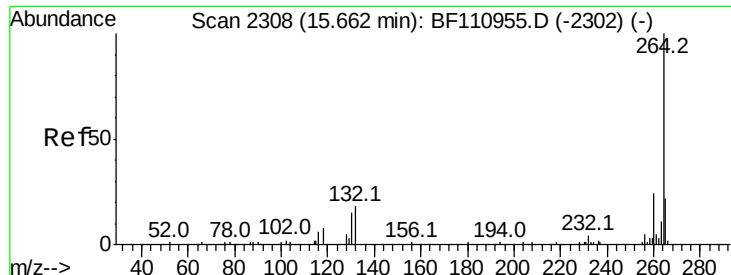
Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Tgt Ion:	276	Resp:	349381
Ion Ratio	Lower	Upper	
276	100		
138	24.8	18.5	27.7
277	25.3	20.0	30.0

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





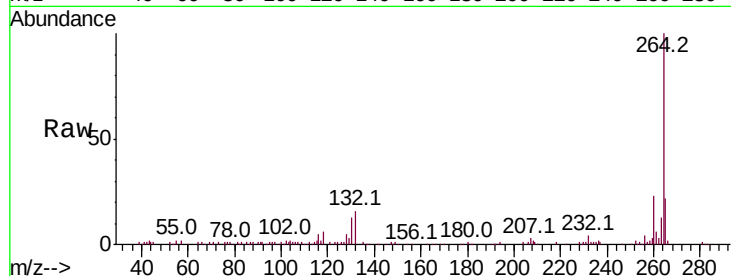
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	22.3	16.7	25.1

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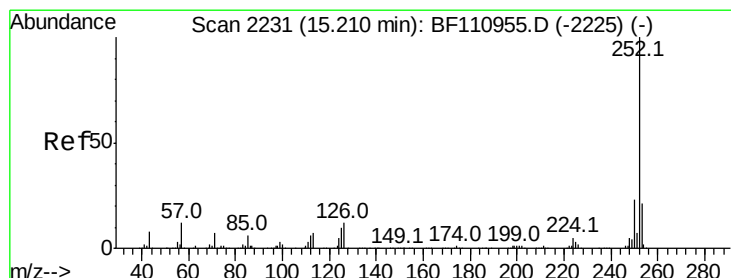
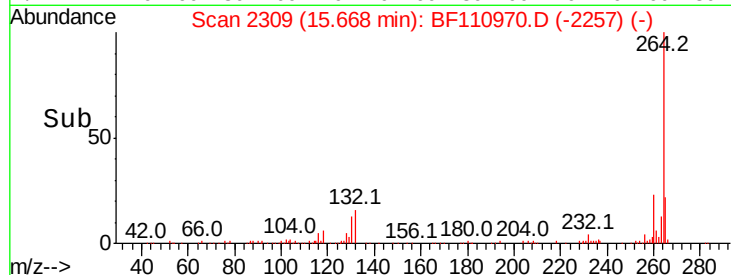
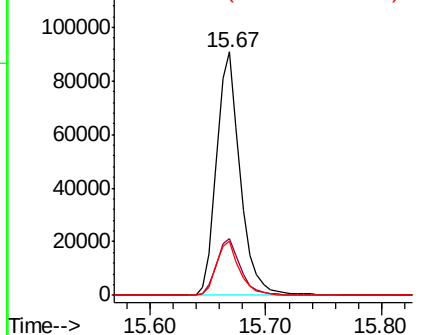


Abundance

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: 46.962 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

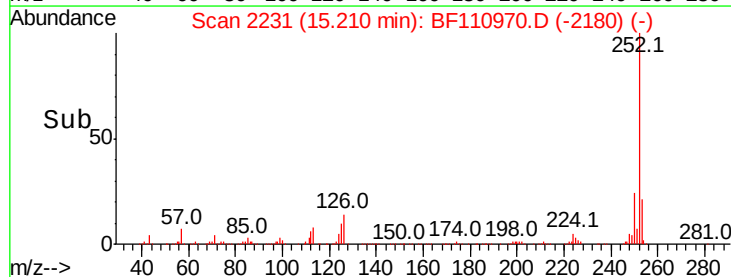
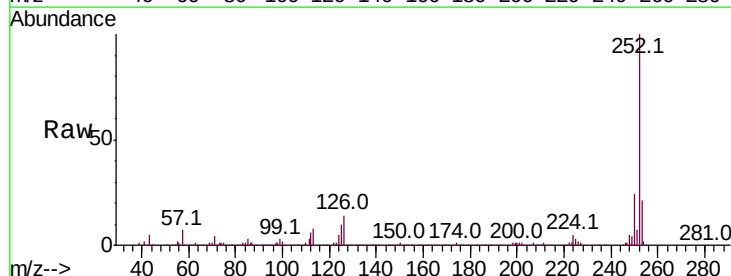
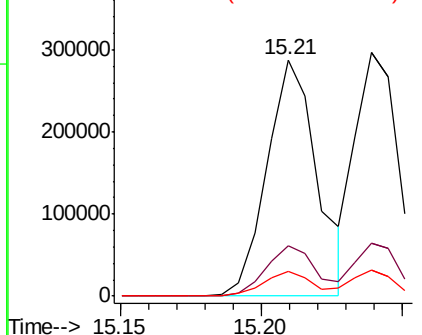
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	10.4	8.2	12.4

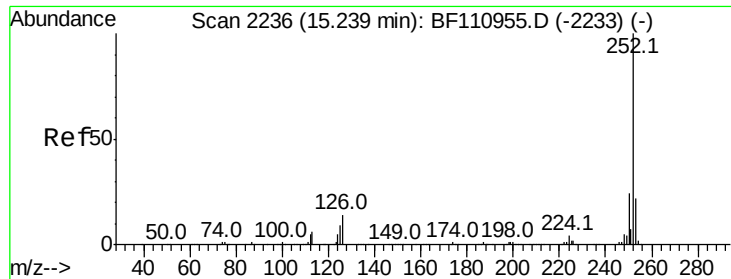
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.768 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Instrument :

BNA_F

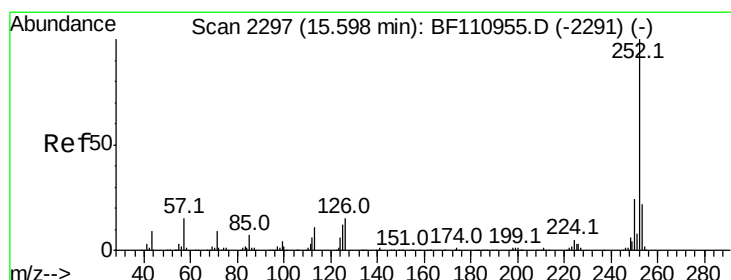
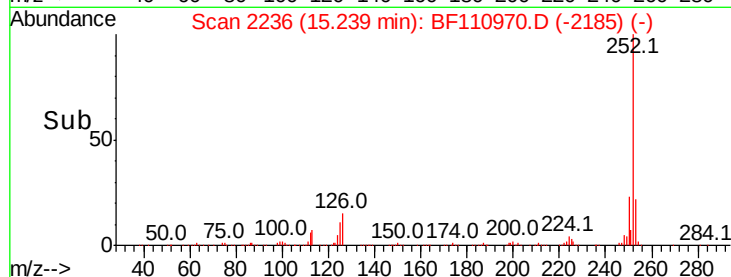
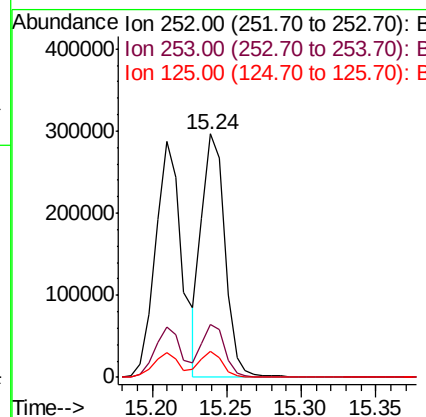
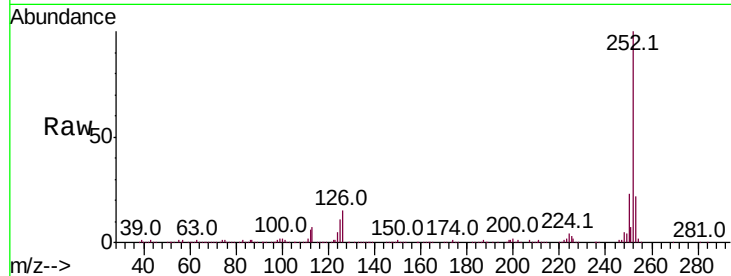
ClientSampleId :

DTW-03MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.7	7.4	11.0

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#90

Benzo(a)pyrene

Concen: 46.817 ng

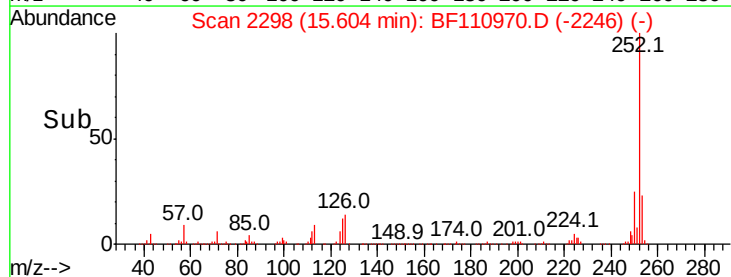
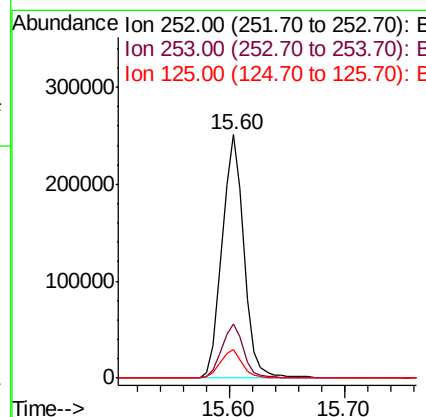
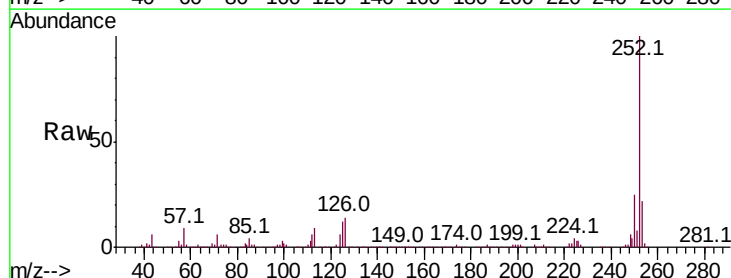
RT: 15.60 min Scan# 2298

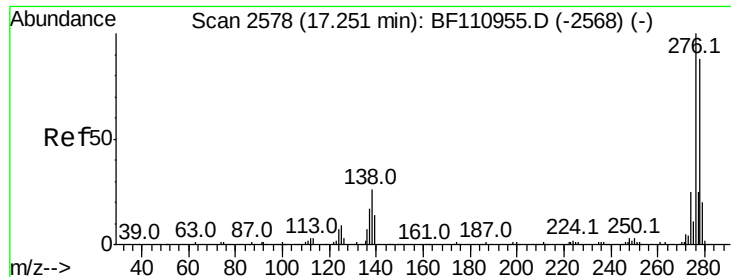
Delta R.T. 0.01 min

Lab File: BF110970.D

Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	11.7	9.0	13.6





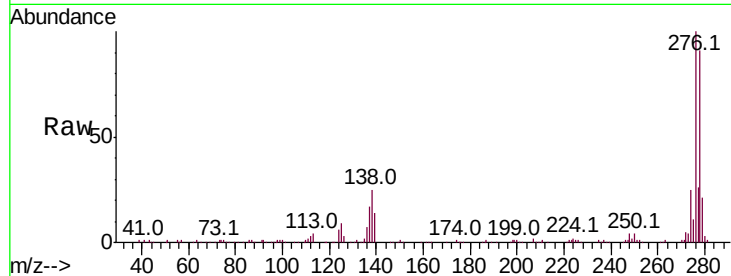
#91
Dibenzo(a,h)anthracene
Concen: 51.306 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Instrument :
BNA_F
ClientSampleId :
DTW-03MSD

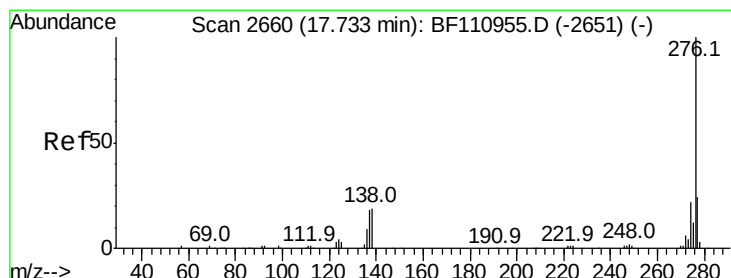
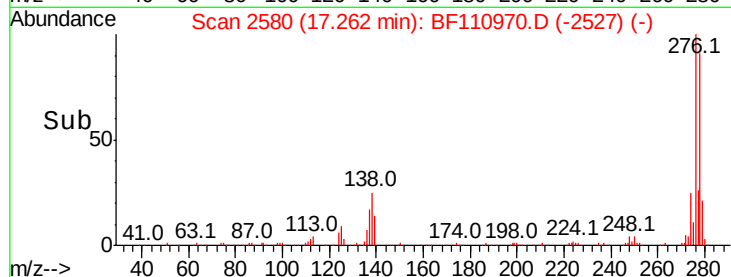
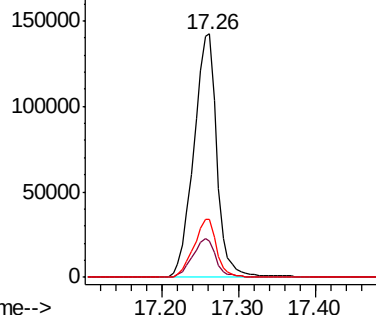
Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.7	19.1
279	23.6	19.0	28.4

Manual Integrations
APPROVED

mohammad
11/27/2018 11:47:45 AM



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



#92
Benzo(g,h,i)perylene
Concen: 48.196 ng
RT: 17.74 min Scan# 2661
Delta R.T. 0.01 min
Lab File: BF110970.D
Acq: 26 Nov 2018 18:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	20.4	16.0	24.0

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

