

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110965.D
 Acq On : 26 Nov 2018 15:54
 Operator : JU/SJ
 Sample : PB115043BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115043BS

Manual Integrations
 APPROVED

mohammad
 11/27/2018 11:47:33 AM

Quant Time: Nov 26 16:28:55 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	6.93	152	63991	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	270649	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	127669	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	242143	20.00	ng	0.00
76) Chrysene-d12	14.13	240	163955	20.00	ng	0.00
87) Perylene-d12	15.67	264	111532	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	494706	128.20	ng	0.02
7) Phenol-d6	6.57	99	613516	122.00	ng	0.00
23) Nitrobenzene-d5	7.50	82	304541	64.40	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	152867	120.56	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	580649	65.89	ng	0.00
79) Terphenyl-d14	13.06	244	611732	72.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.88	88	62194	33.642	ng	88
3) Pyridine	3.66	79	160804	39.722	ng	87
4) n-Nitrosodimethylamine	3.62	42	84412	45.569	ng	84
6) Aniline	6.60	93	198872	31.991	ng	# 56
8) 2-Chlorophenol	6.72	128	186844	40.857	ng	97
9) Benzaldehyde	6.50	77	81795	28.027	ng	97
10) Phenol	6.58	94	230043	40.621	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	170010	39.847	ng	91
12) 1,3-Dichlorobenzene	6.87	146	194059	38.627	ng	99
13) 1,4-Dichlorobenzene	6.95	146	199004	38.519	ng	99
14) 1,2-Dichlorobenzene	7.10	146	186290	38.312	ng	99
15) Benzyl Alcohol	7.08	79	151513	39.206	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	260306	38.337	ng	87
17) 2-Methylphenol	7.19	107	150123	41.287	ng	# 84
18) Hexachloroethane	7.44	117	73206	38.521	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	126732	38.689	ng	96
20) 3+4-Methylphenols	7.35	107	191789m	39.679	ng	
22) Acetophenone	7.35	105	261029	41.146	ng	# 94
24) Nitrobenzene	7.52	77	195417	39.736	ng	97
25) Isophorone	7.76	82	345729	44.568	ng	97
26) 2-Nitrophenol	7.84	139	98272	41.131	ng	100
27) 2,4-Dimethylphenol	7.87	122	170576	47.275	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	218528	42.049	ng	100
29) 2,4-Dichlorophenol	8.08	162	156932	41.564	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	169874	40.146	ng	95
31) Naphthalene	8.24	128	548435	43.229	ng	99
32) Benzoic acid	8.02	122	83818	31.245	ng	91
33) 4-Chloroaniline	8.30	127	142999	26.482	ng	97
34) Hexachlorobutadiene	8.35	225	92530	38.393	ng	99
35) Caprolactam	8.67	113	53340m	41.380	ng	
36) 4-Chloro-3-methylphenol	8.78	107	169680	40.446	ng	94
37) 2-Methylnaphthalene	8.93	142	374002	44.631	ng	98
38) 1-Methylnaphthalene	9.03	142	349300	42.854	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	160504	39.965	ng	98

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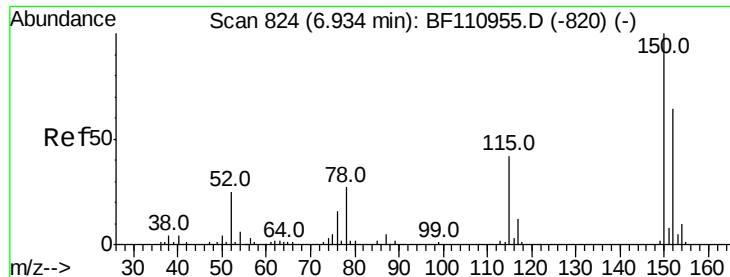
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	50877	74.273	nq	99
43) 2,4,6-Trichlorophenol	9.22	196	99531	41.495	nq	96
44) 2,4,5-Trichlorophenol	9.26	196	106377	42.119	nq	95
46) 1,1'-Biphenyl	9.40	154	451660	38.373	nq	98
47) 2-Chloronaphthalene	9.43	162	345497	40.484	nq	99
48) 2-Nitroaniline	9.53	65	111286	41.690	nq	95
49) Acenaphthylene	9.85	152	532145	43.851	nq	99
50) Dimethylphthalate	9.69	163	388720	41.515	nq	99
51) 2,6-Dinitrotoluene	9.77	165	86232	41.369	nq #	87
52) Acenaphthene	10.02	154	324632	41.728	nq	98
53) 3-Nitroaniline	9.95	138	65016	26.761	nq	92
54) 2,4-Dinitrophenol	10.07	184	50272	68.807	nq	93
55) Dibenzofuran	10.19	168	462932	40.789	nq	99
56) 4-Nitrophenol	10.12	139	97427	72.555	nq	97
57) 2,4-Dinitrotoluene	10.19	165	113768	42.068	nq #	90
58) Fluorene	10.53	166	381426	43.195	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	88771	42.828	nq	94
60) Diethylphthalate	10.39	149	389666	40.356	nq	100
61) 4-Chlorophenyl-phenylether	10.52	204	181882	39.380	nq	99
62) 4-Nitroaniline	10.57	138	87324	38.604	nq	97
63) Azobenzene	10.68	77	377060	40.064	nq	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	40554	35.405	nq	96
66) n-Nitrosodiphenylamine	10.64	169	327908	40.679	nq	94
67) 4-Bromophenyl-phenylether	11.01	248	105490	40.002	nq	96
68) Hexachlorobenzene	11.09	284	112973	40.219	nq	99
69) Atrazine	11.16	200	105138	Below Cal		99
70) Pentachlorophenol	11.29	266	80685	72.199	nq	98
71) Phenanthrene	11.50	178	558808	43.573	nq	99
72) Anthracene	11.56	178	576354	44.130	nq	98
73) Carbazole	11.71	167	500306	39.466	nq	100
74) Di-n-butylphthalate	12.02	149	610315	41.177	nq	99
75) Fluoranthene	12.70	202	560887	42.553	nq	98
77) Benzidine	12.82	184	180356	43.007	nq	95
78) Pyrene	12.93	202	566090	47.273	nq	98
80) Butylbenzylphthalate	13.52	149	239159	44.236	nq	98
81) Benzo(a)anthracene	14.12	228	424443	43.849	nq	98
82) 3,3'-Dichlorobenzidine	14.07	252	99175	29.881	nq	98
83) Chrysene	14.16	228	408013	42.819	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	302810	42.034	nq	97
85) Di-n-octyl phthalate	14.69	149	456408	40.136	nq	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	315023	46.057	nq	98
88) Benzo(b)fluoranthene	15.20	252	316883	48.364	nq	99
89) Benzo(k)fluoranthene	15.23	252	307591	45.610	nq	98
90) Benzo(a)pyrene	15.60	252	289036	47.392	nq	98
91) Dibenzo(a,h)anthracene	17.25	278	264409	52.545	nq	99
92) Benzo(g,h,i)perylene	17.73	276	261850	53.969	nq	99

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



#1

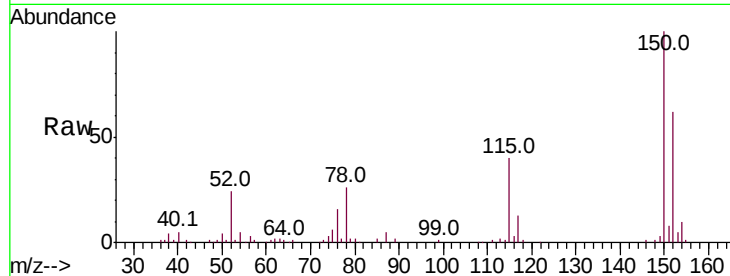
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	122.7	184.1
115	64.7	49.1	73.7

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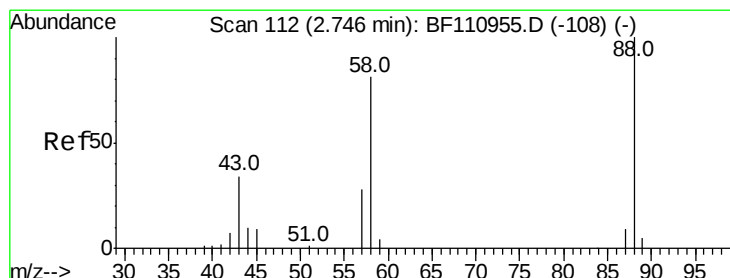
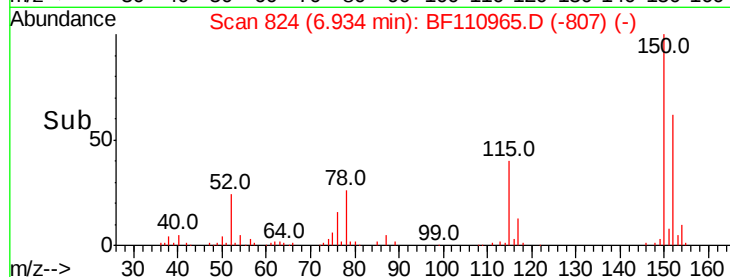
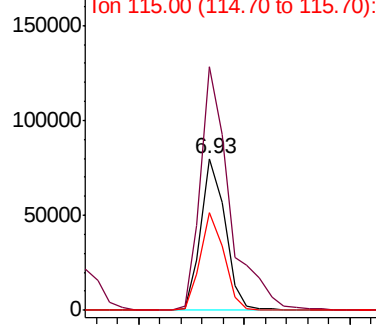


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

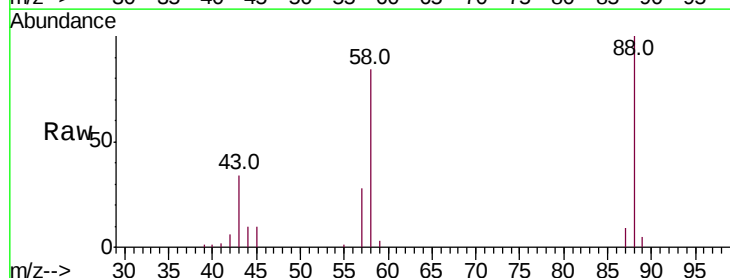
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.642 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.14 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	57.1	85.7
43	33.5	24.1	36.1

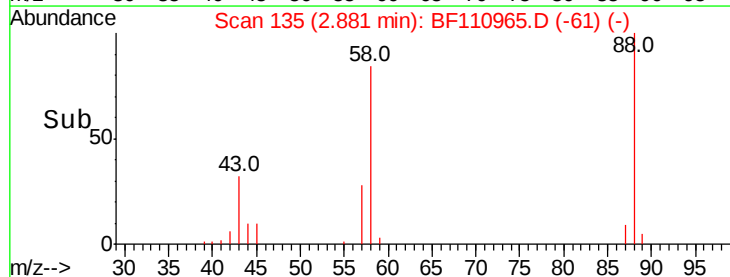
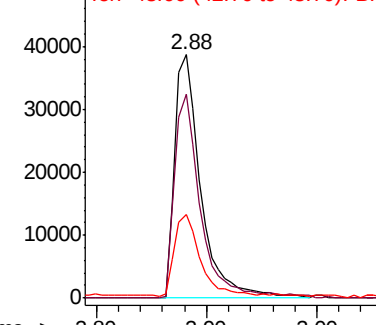


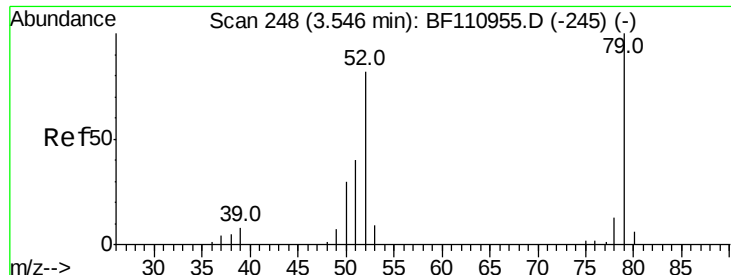
Abundance

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





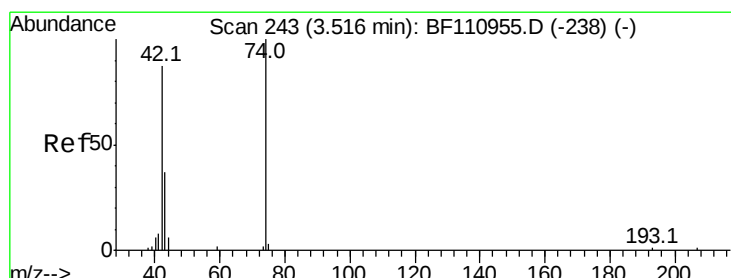
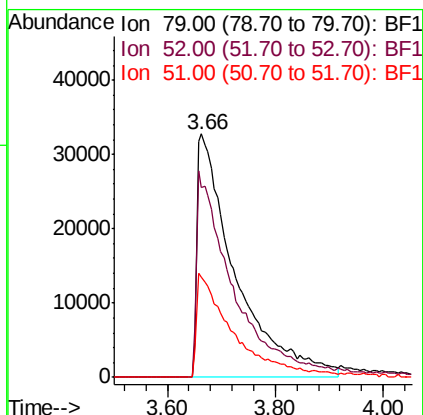
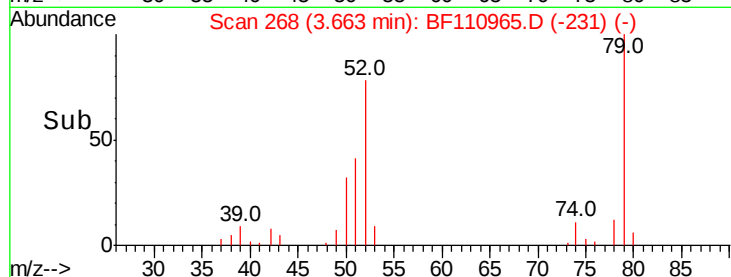
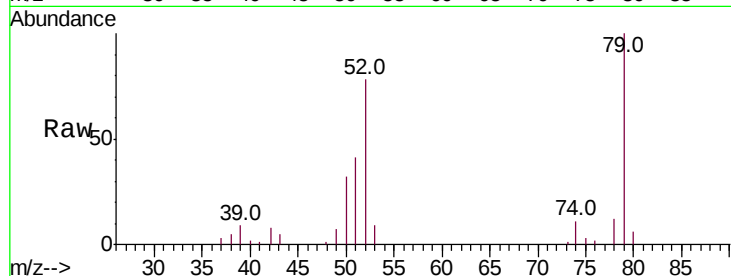
#3
Pvridine
Concen: 39.722 ng
RT: 3.66 min Scan# 268
Delta R.T. 0.12 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion: 79 Resp: 160804
Ion Ratio Lower Upper
79 100
52 77.8 53.1 79.7
51 41.1 27.4 41.2

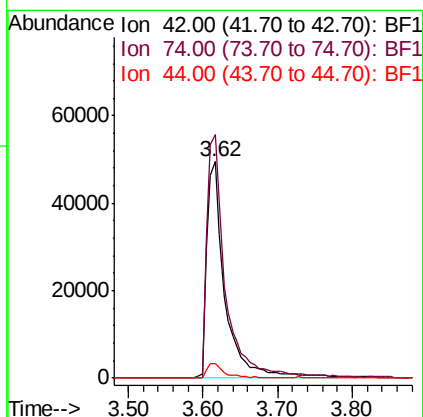
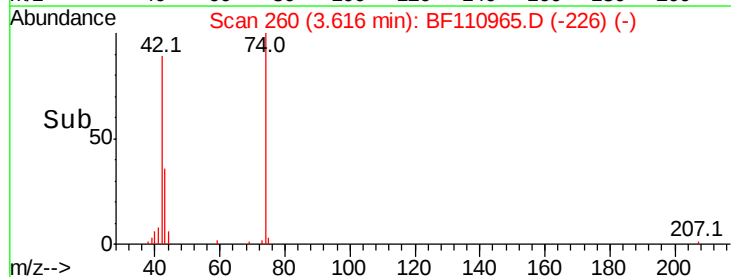
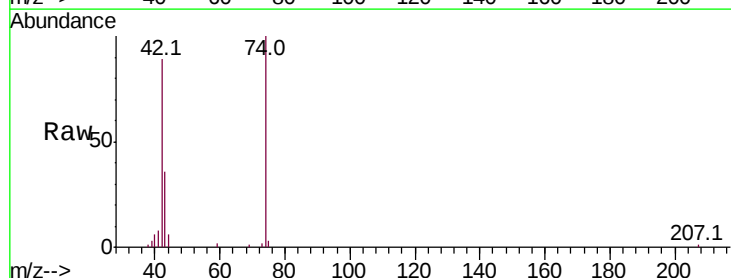
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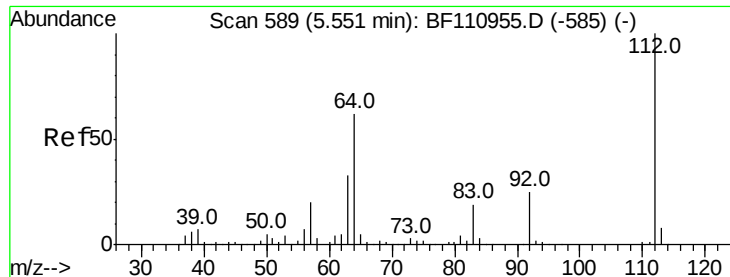
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#4
n-Nitrosodimethylamine
Concen: 45.569 ng
RT: 3.62 min Scan# 260
Delta R.T. 0.10 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion: 42 Resp: 84412
Ion Ratio Lower Upper
42 100
74 112.5 105.5 158.3
44 6.8 4.9 7.3





#5

2-Fluorophenol

Concen: 128.202 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.02 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

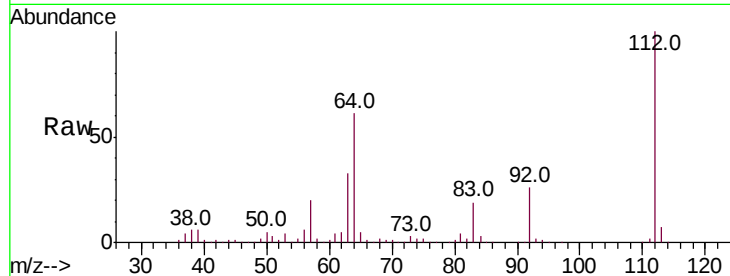
ClientSampleId :

PB115043BS

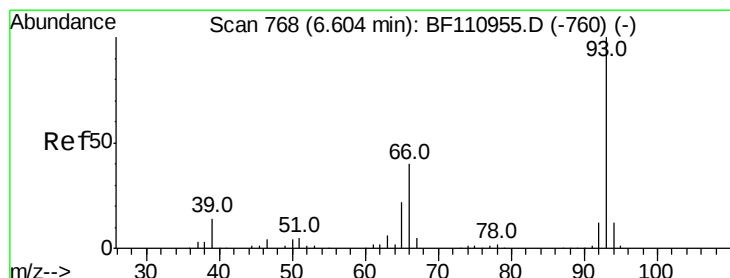
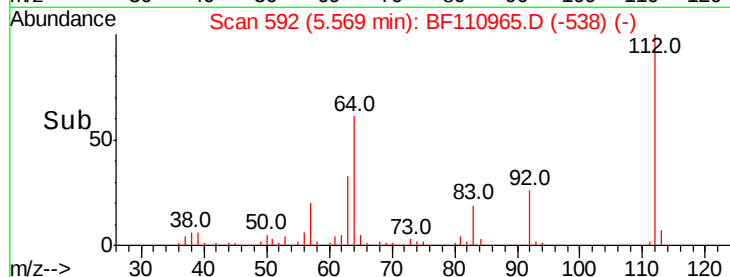
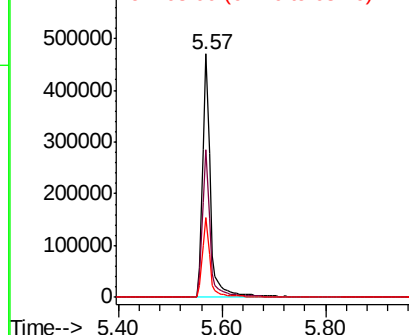
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		494706		
64	60.7	44.1	66.1		
63	32.7	23.7	35.5		

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



#6

Aniline

Concen: 31.991 ng

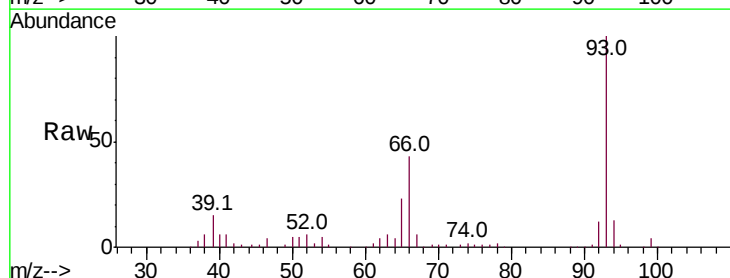
RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

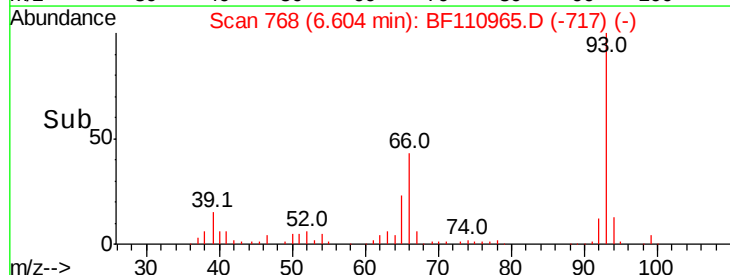
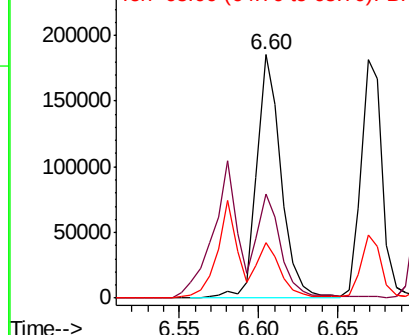
Lab File: BF110965.D

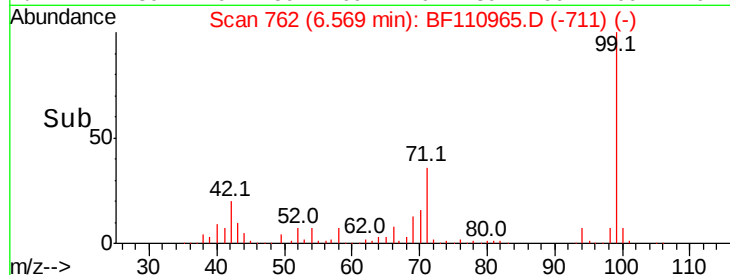
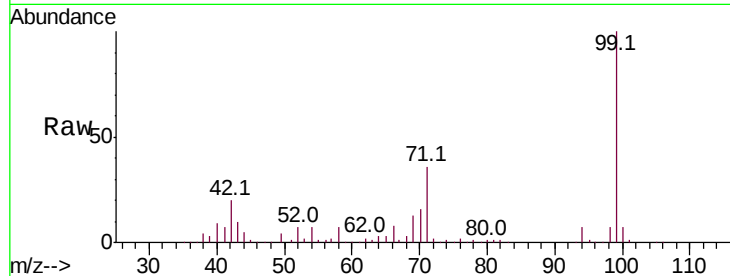
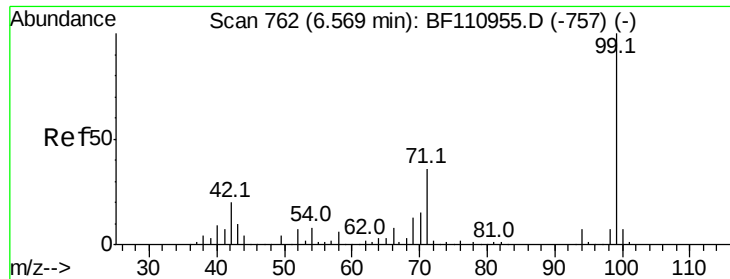
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		198872		
66	42.9	67.4	101.0#		
65	22.6	41.0	61.4#		



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





#7

Phenol-d6

Concen: 122.004 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Tot Ion:	99	Resp:	613516
Ion Ratio	Lower	Upper	
99	100		
42	20.0	15.8	23.6
71	35.9	28.0	42.0

Instrument :

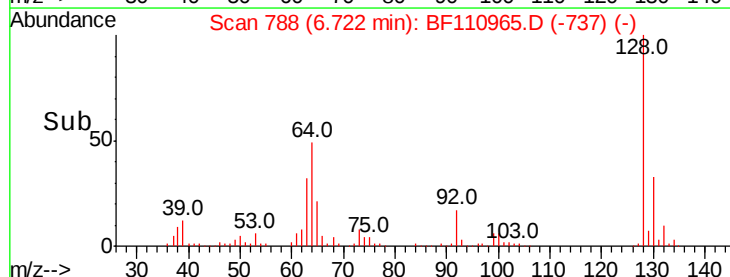
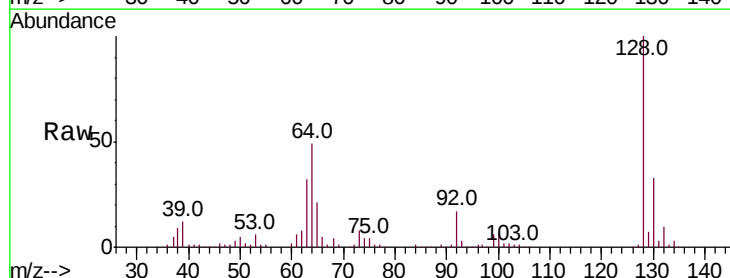
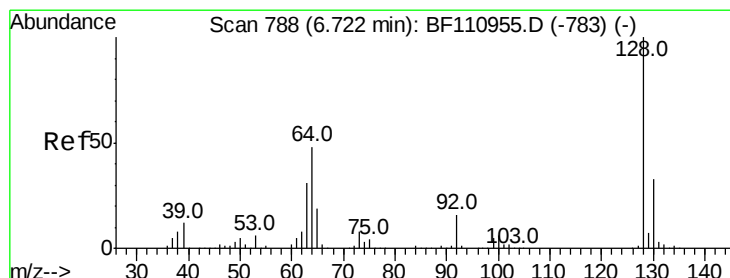
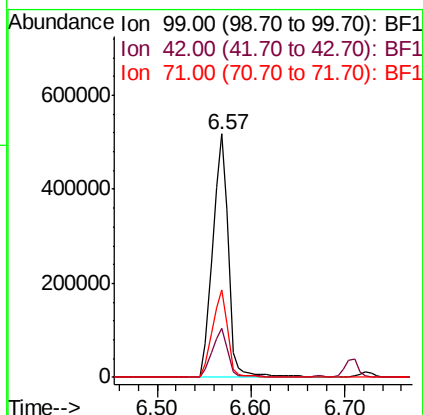
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 40.857 ng

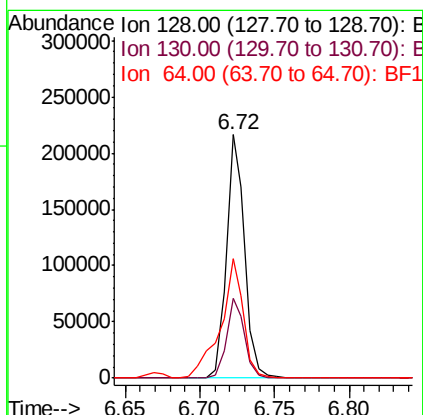
RT: 6.72 min Scan# 788

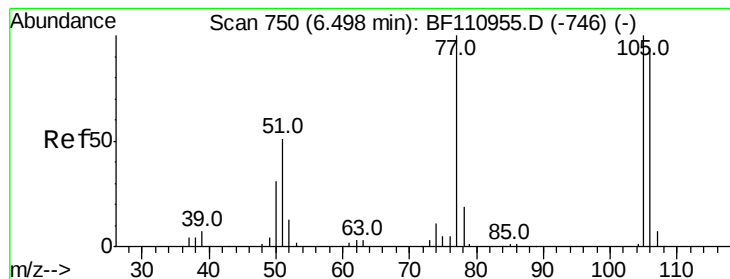
Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Tgt Ion:	128	Resp:	186844
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.1	53.1
64	49.2	26.0	66.0





#9

Benzaldehyde

Concen: 28.027 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

ClientSampleId :

PB115043BS

Tot Ion: 77 Resp: 81795

Ion Ratio Lower Upper

77 100

105 101.8 78.6 118.6

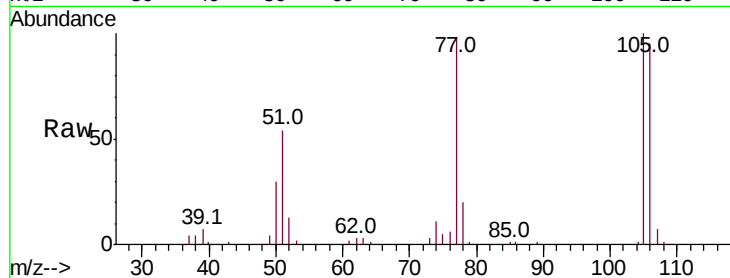
106 96.5 74.8 114.8

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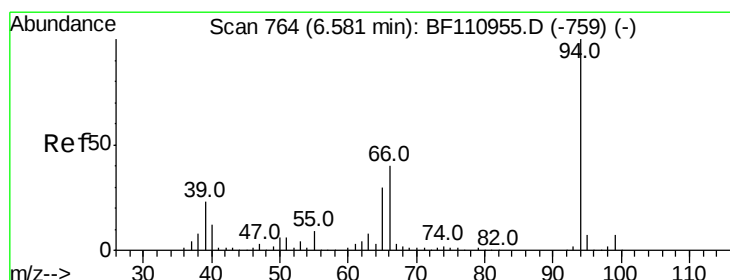
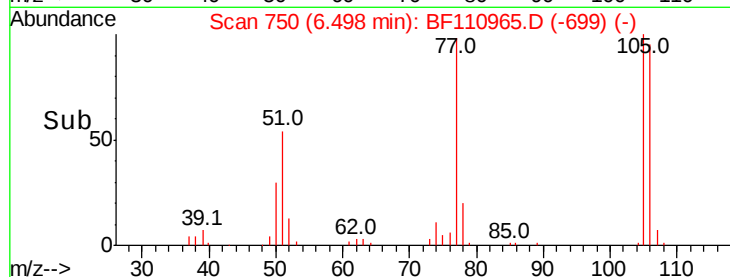
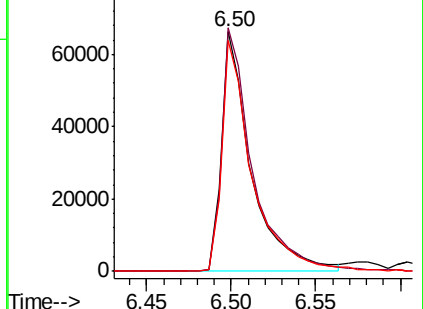
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.621 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

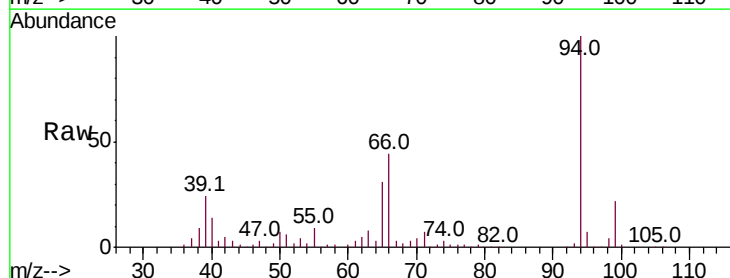
Tgt Ion: 94 Resp: 230043

Ion Ratio Lower Upper

94 100

65 30.9 25.3 65.3

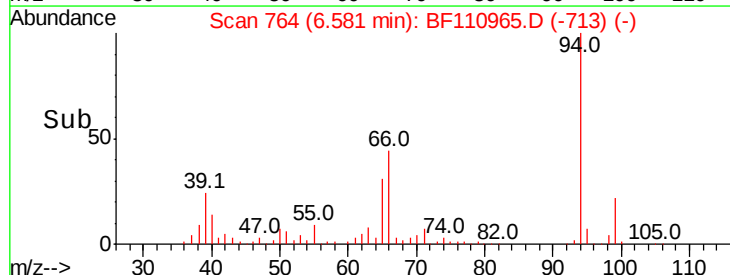
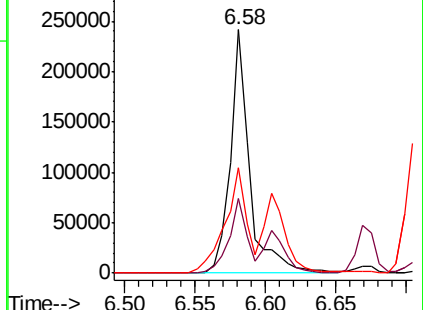
66 43.5 54.5 94.5#

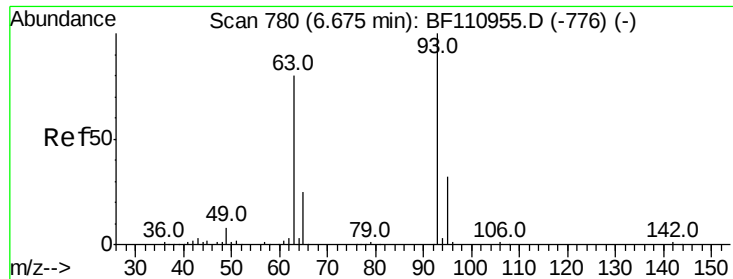


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





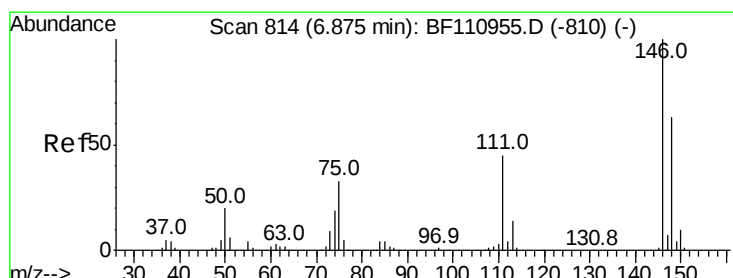
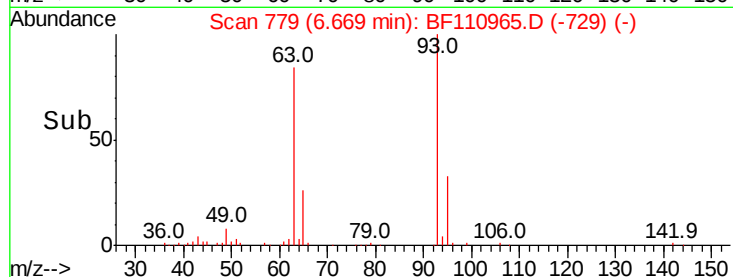
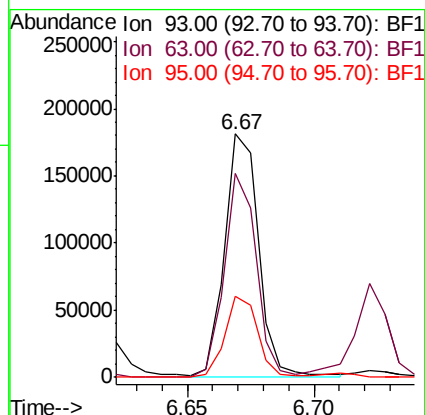
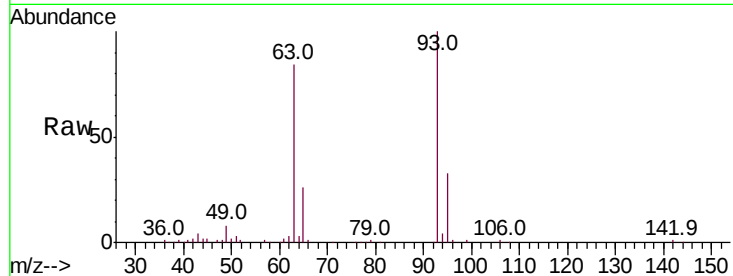
#11
bis(2-Chloroethyl)ether
Concen: 39.847 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion:	93	Resp:	170010
Ion Ratio	Lower	Upper	
93	100		
63	83.6	53.4	93.4
95	33.2	12.1	52.1

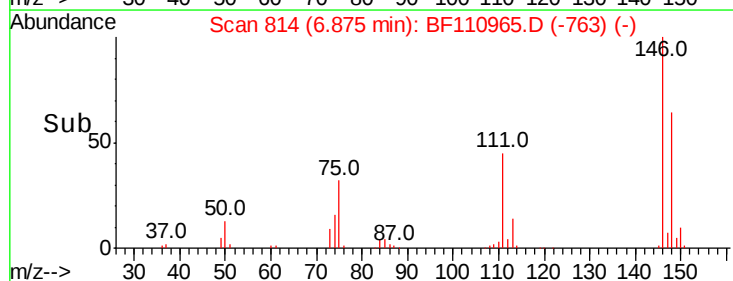
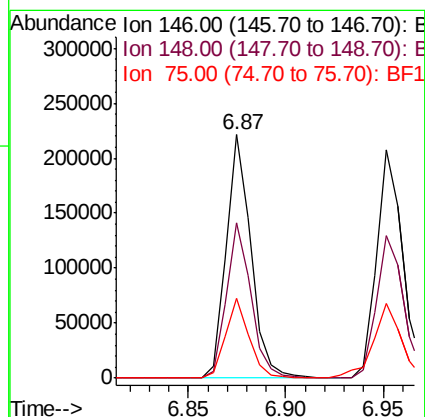
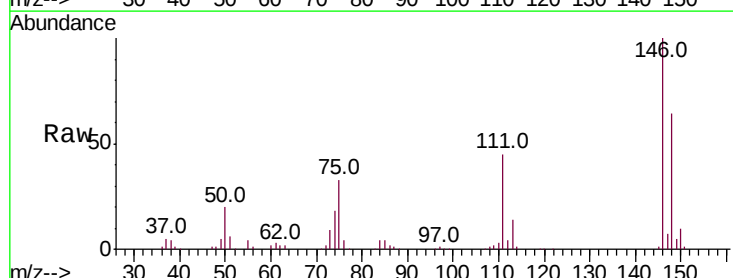
Manual Integrations
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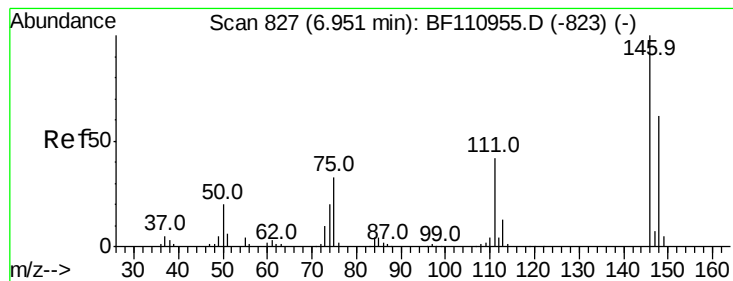
mohammad
11/27/2018 11:47:33 AM



#12
1,3-Dichlorobenzene
Concen: 38.627 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion:	146	Resp:	194059
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.4	75.6
75	32.5	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 38.519 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

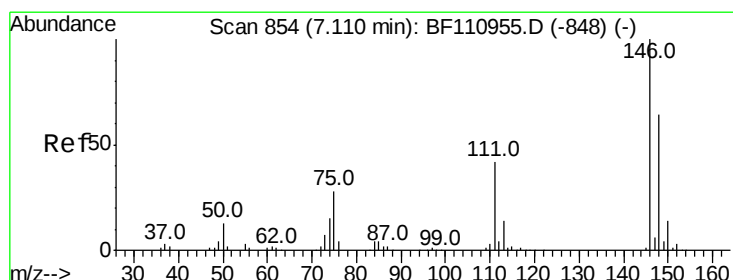
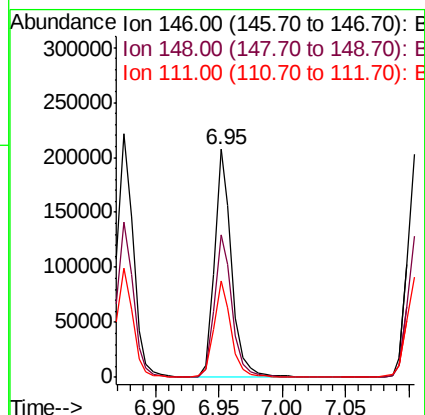
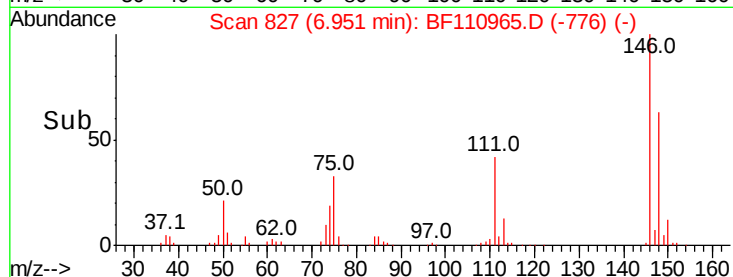
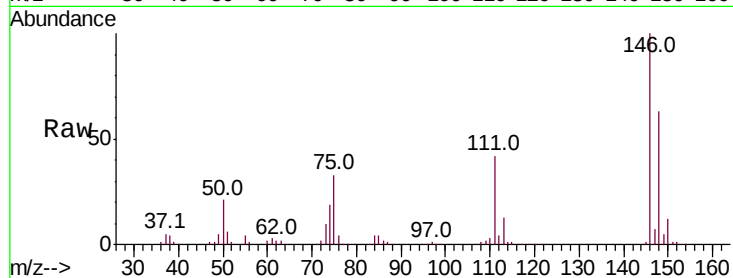
ClientSampled :

PB115043BS

Tot Ion:	146	Resp:	199004
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.3	75.5
111	42.5	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 38.312 ng

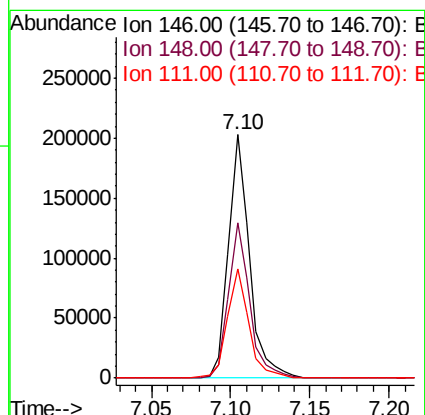
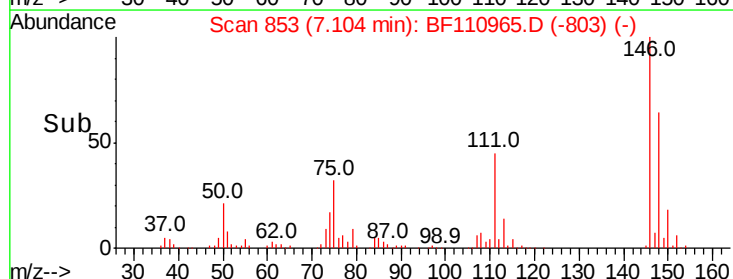
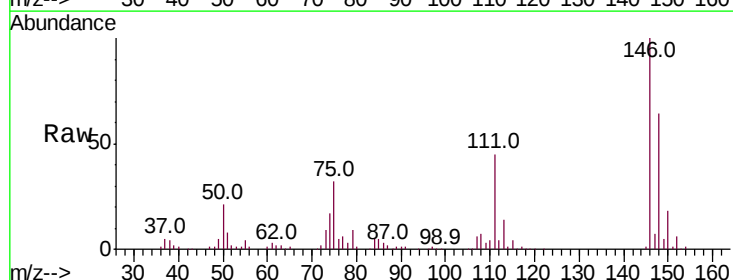
RT: 7.10 min Scan# 853

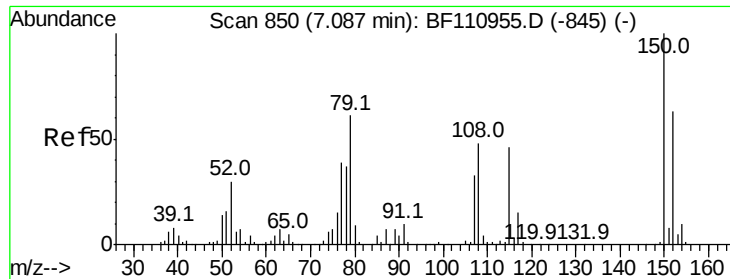
Delta R.T. -0.01 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Tgt Ion:	146	Resp:	186290
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.1	76.7
111	45.1	35.8	53.6





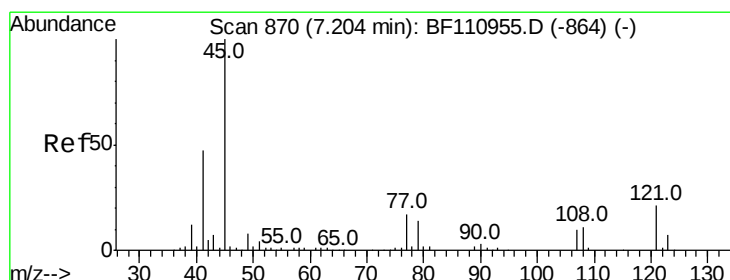
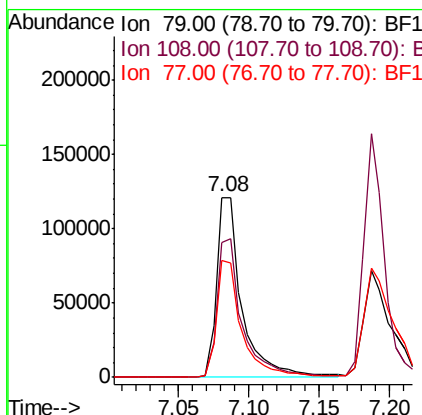
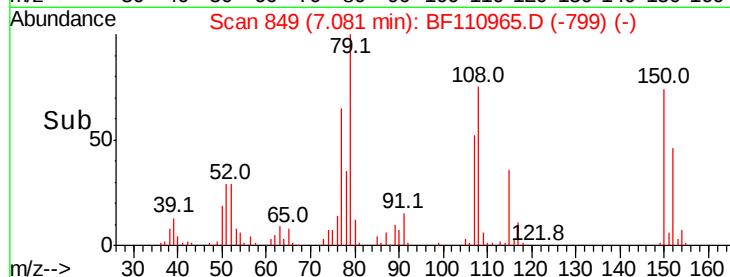
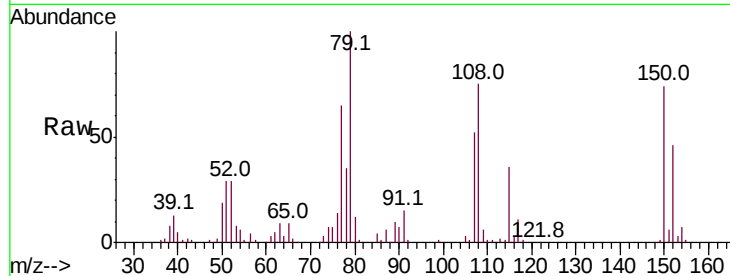
#15
Benzyl Alcohol
Concen: 39.206 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleID :
PB115043BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.1	56.3	84.5
77	64.7	52.9	79.3

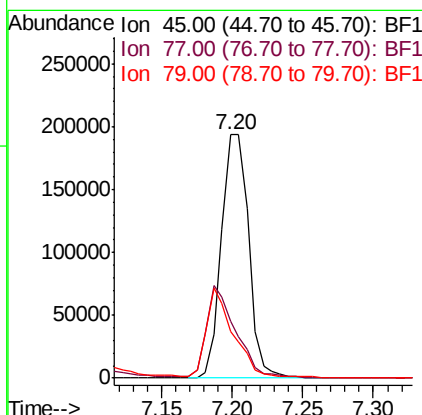
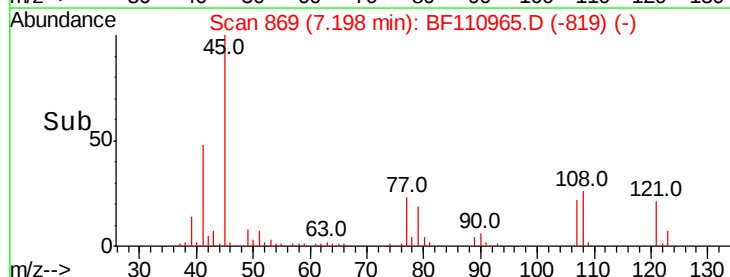
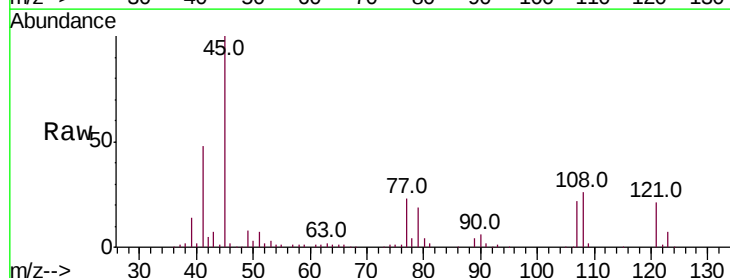
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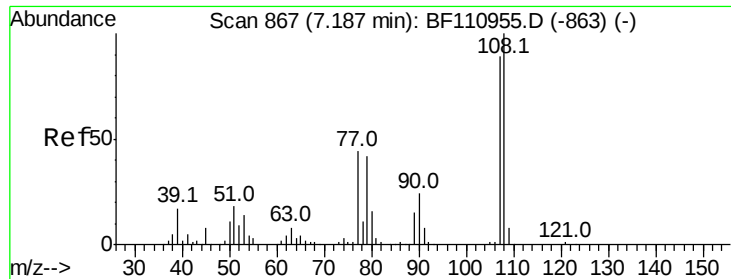
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.337 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.4	10.0	50.0
79	19.0	6.1	46.1





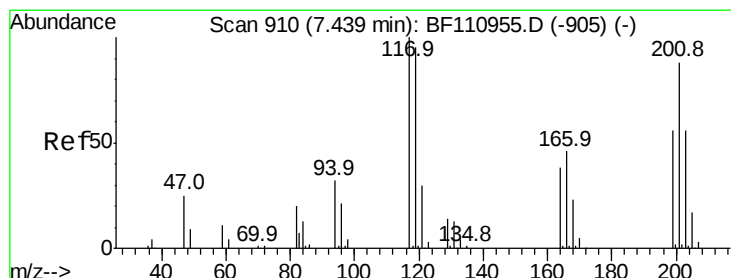
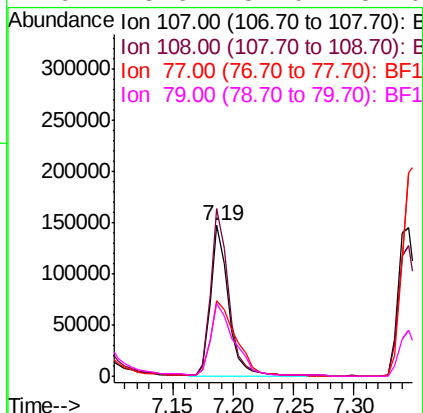
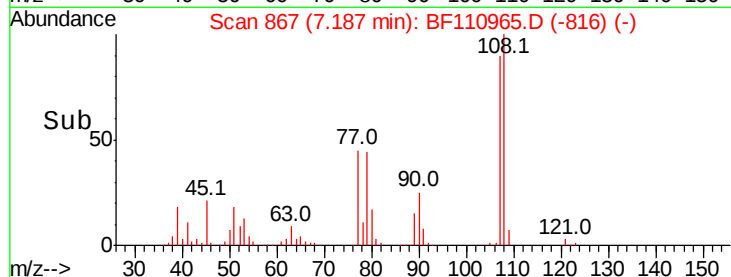
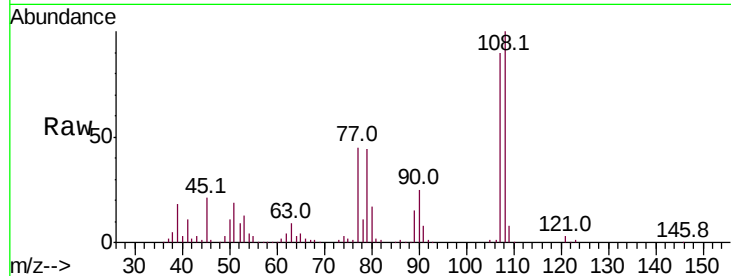
#17
2-Methylphenol
Concen: 41.287 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	92.6	138.8
77	49.9	59.4	89.2#
79	48.6	54.0	81.0#

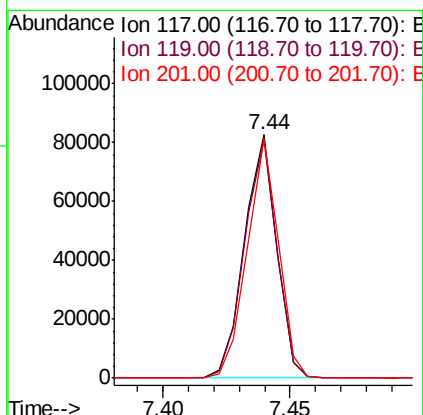
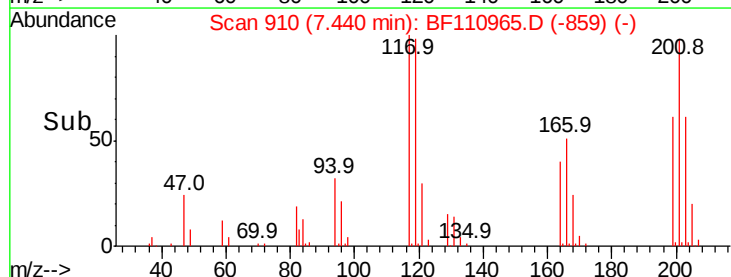
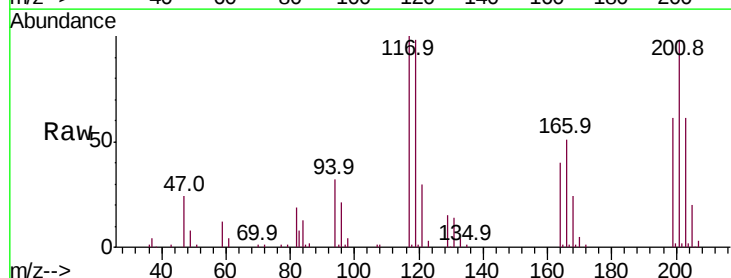
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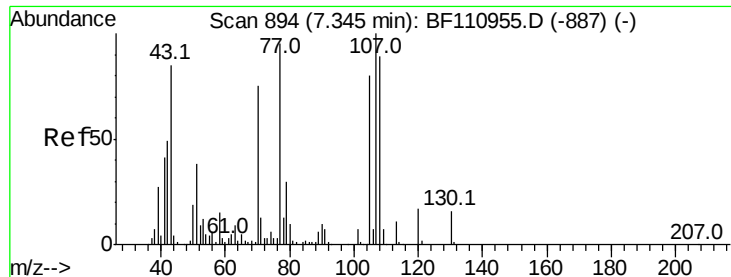
mohammad
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#18
Hexachloroethane
Concen: 38.521 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.0	112.6
201	98.3	79.2	118.8





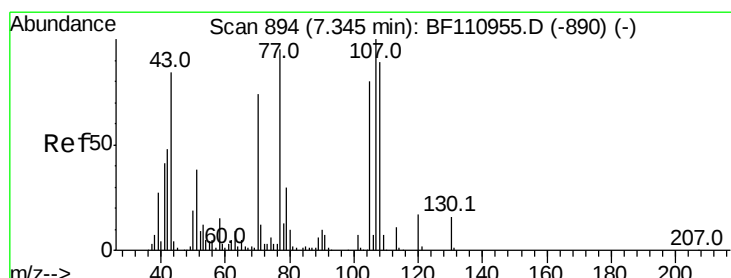
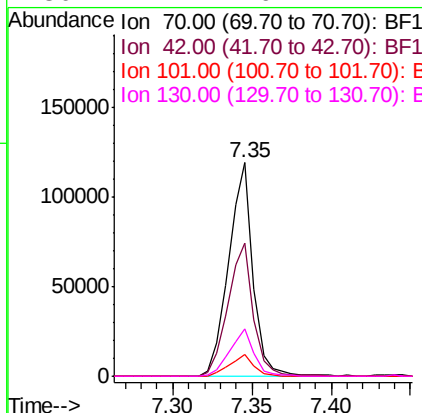
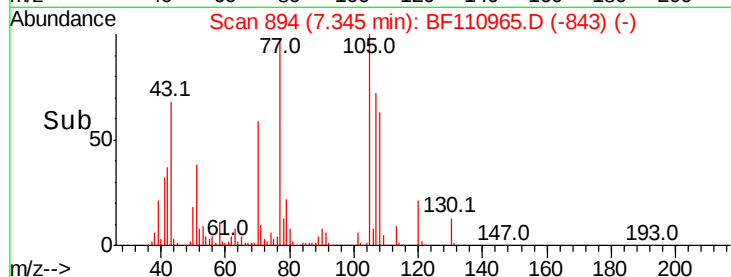
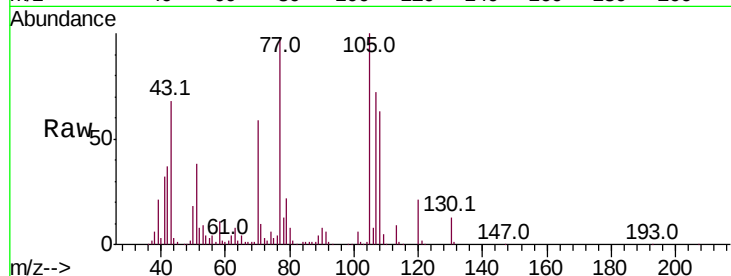
#19
n-Nitroso-di-n-propylamine
Concen: 38.689 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.5	47.4	71.2
101	10.3	7.3	10.9
130	22.1	16.2	24.2

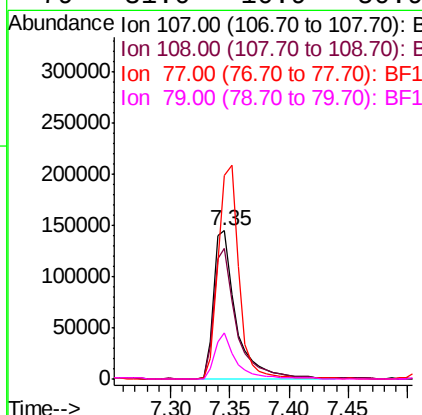
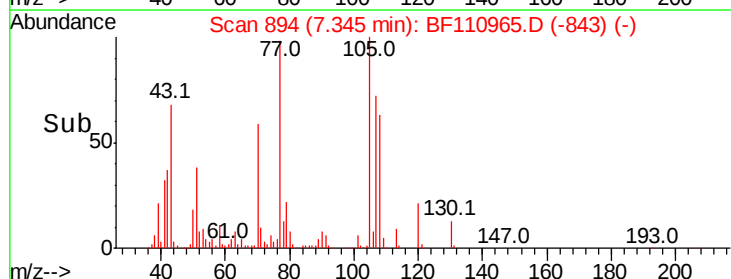
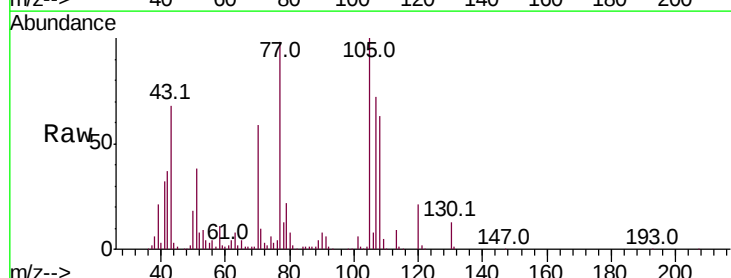
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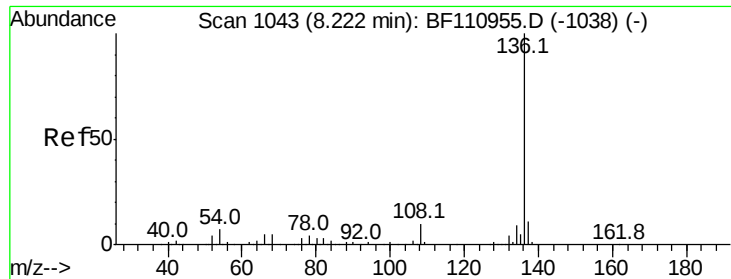
mohammad
11/27/2018 11:47:33 AM



#20
3+4-Methylphenols
Concen: 39.679 ng m
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	71.4	111.4
77	137.2	47.3	87.3#
79	31.0	10.9	50.9





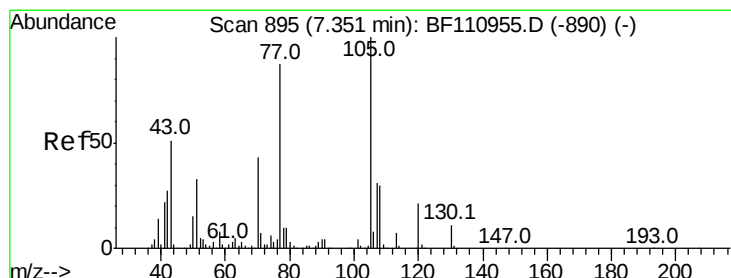
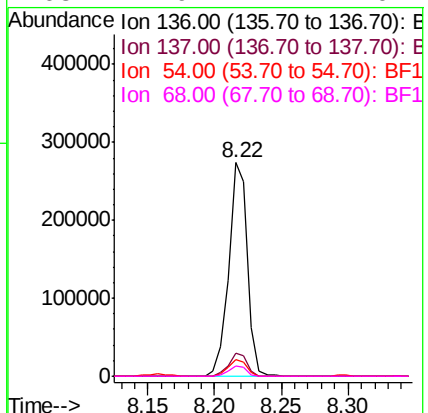
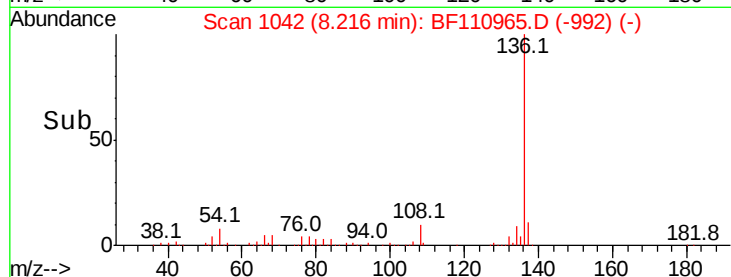
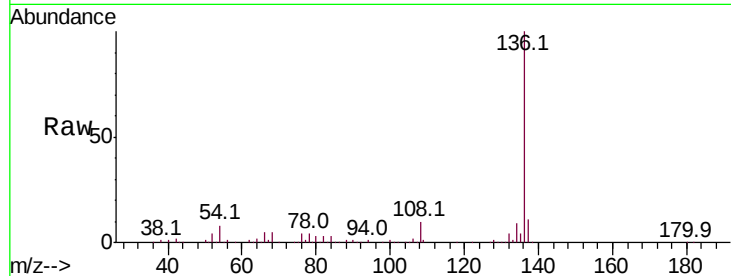
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	270649		
137	11.0		8.8	13.2
54	7.8		5.4	8.2
68	4.9		4.2	6.2

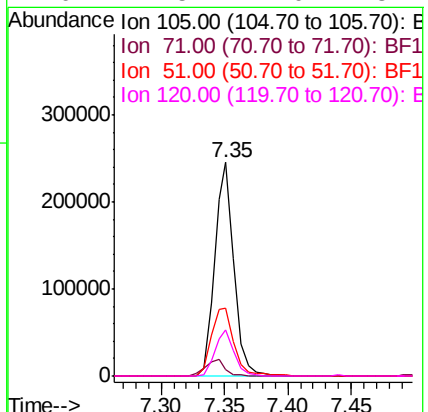
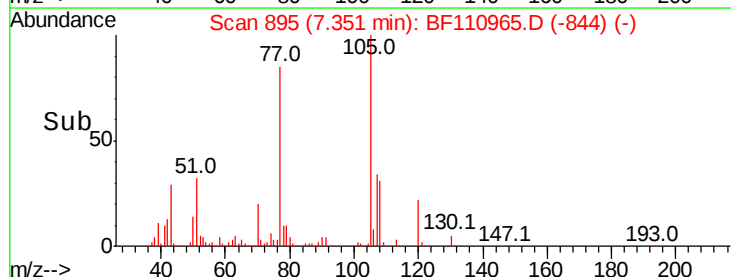
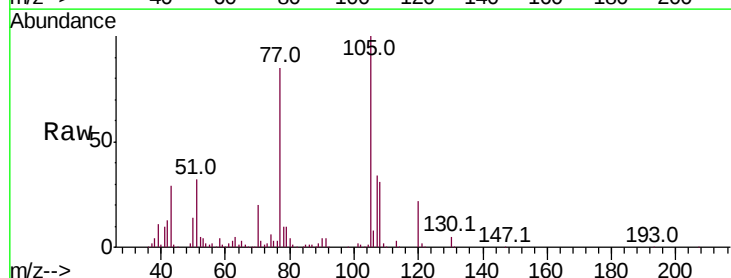
Manual Integrations
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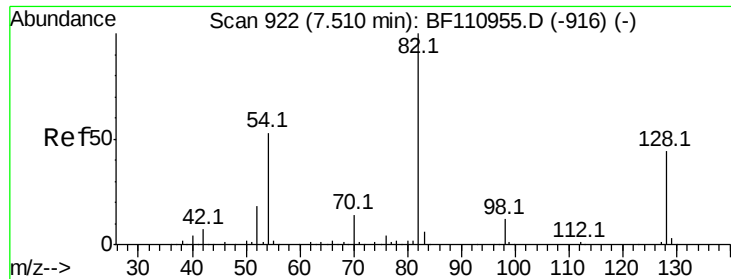
mohammad
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#22
Acetophenone
Concen: 41.146 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	261029		
71	3.2		5.2	7.8#
51	31.9		21.8	32.8
120	21.5		17.0	25.4





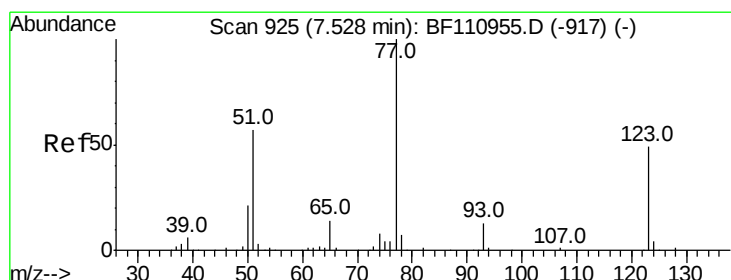
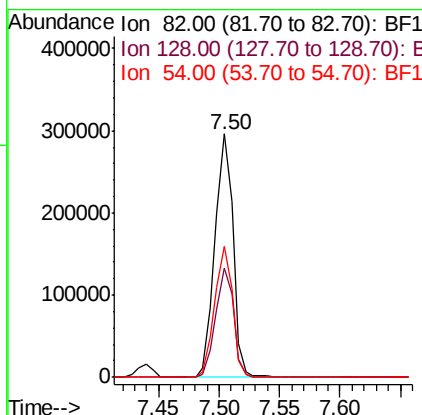
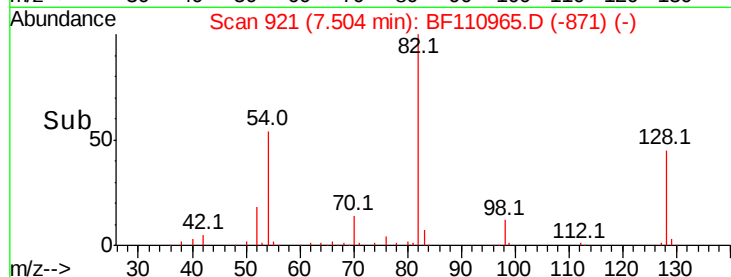
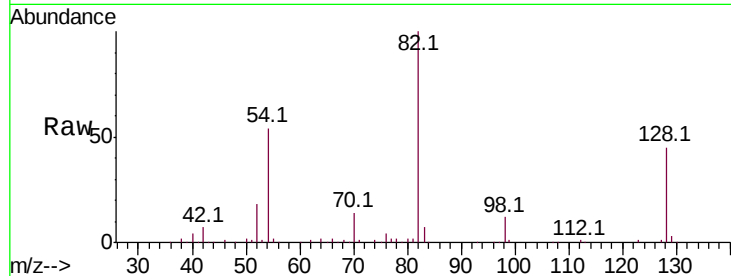
#23
Nitrobenzene-d5
Concen: 64.397 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.2
54	53.8	38.6	58.0

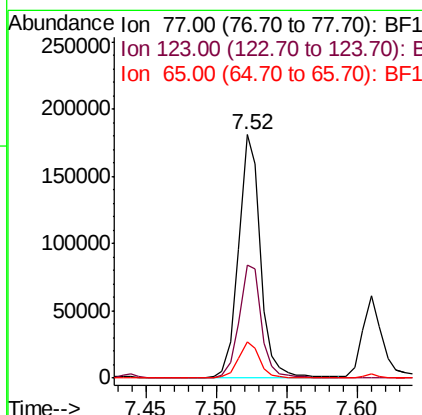
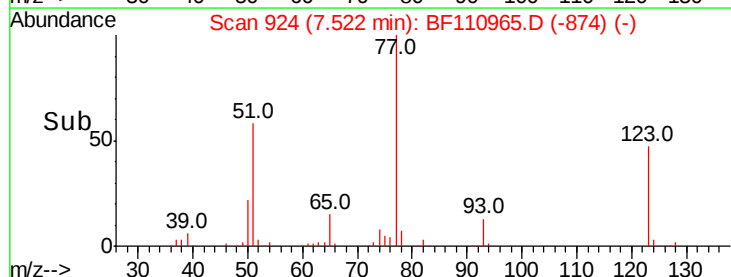
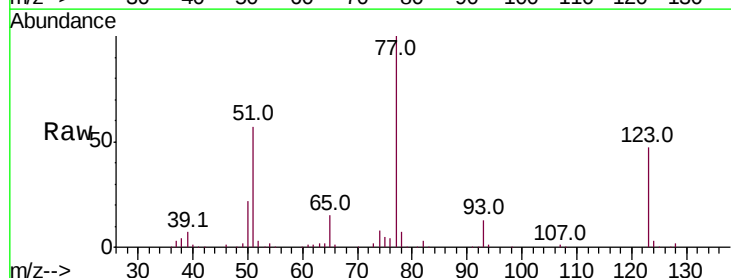
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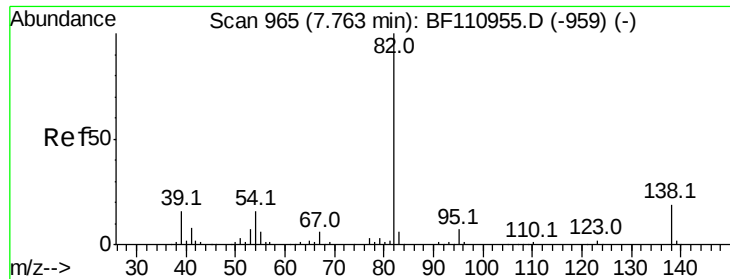
mohammad
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#24
Nitrobenzene
Concen: 39.736 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.6	35.7	53.5
65	14.8	10.7	16.1





#25

Isophorone

Concen: 44.568 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

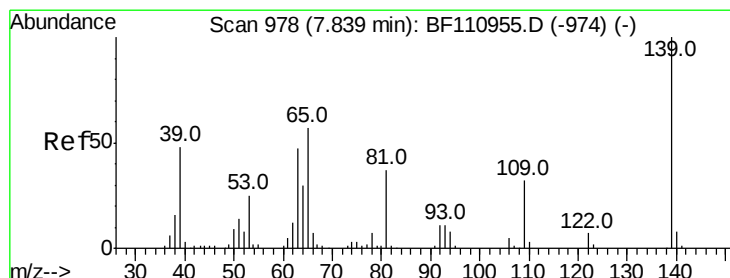
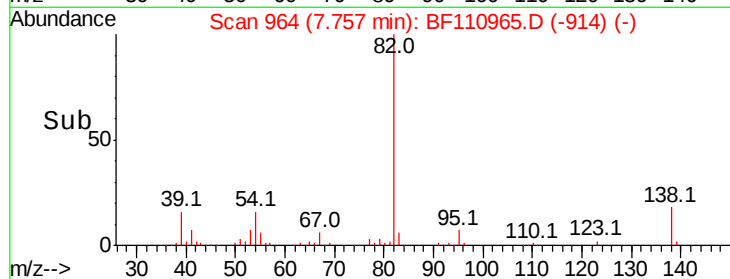
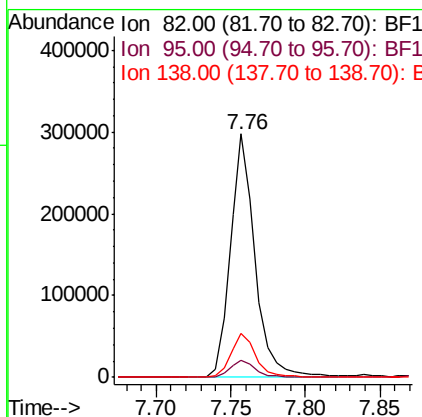
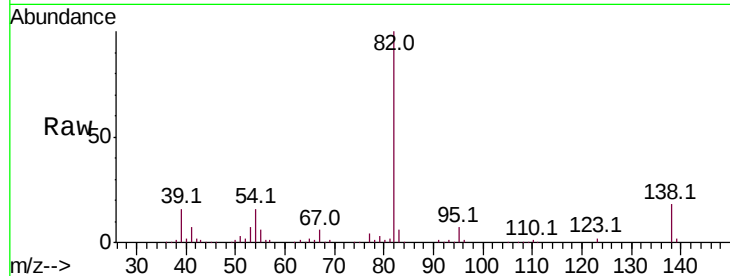
ClientSampleId :

PB115043BS

Tot Ion:	82	Resp:	345729
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	18.2	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.131 ng

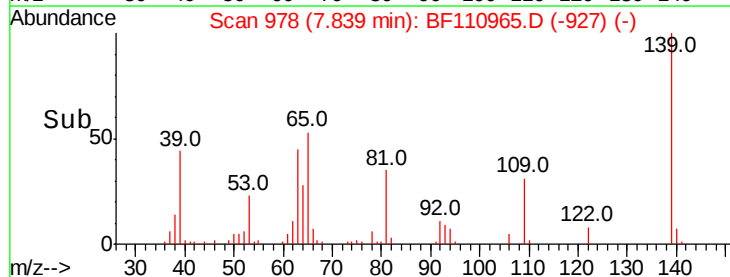
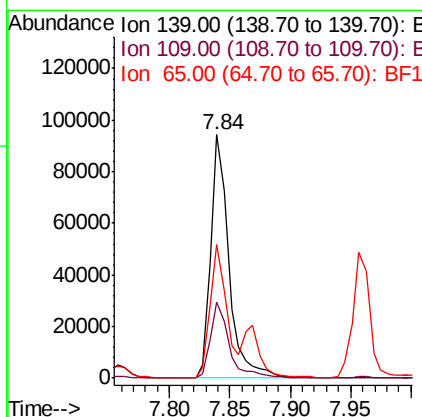
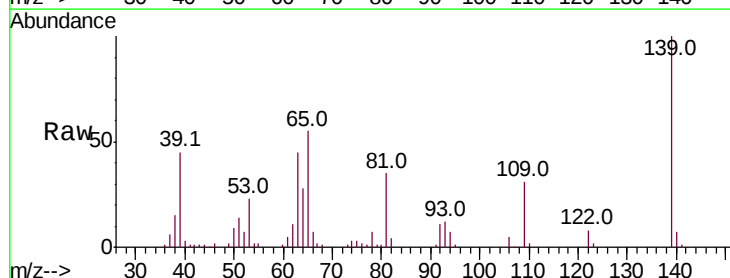
RT: 7.84 min Scan# 978

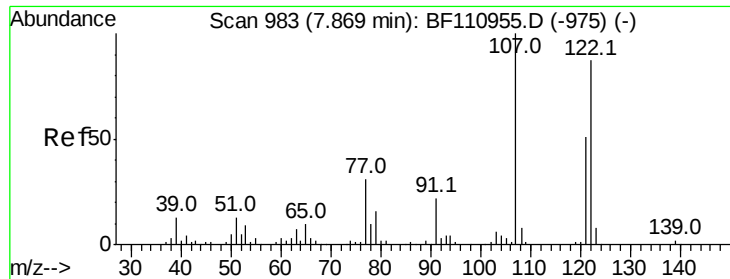
Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Tgt Ion:	139	Resp:	98272
Ion Ratio	Lower	Upper	
139	100		
109	31.2	25.0	37.6
65	54.9	44.0	66.0





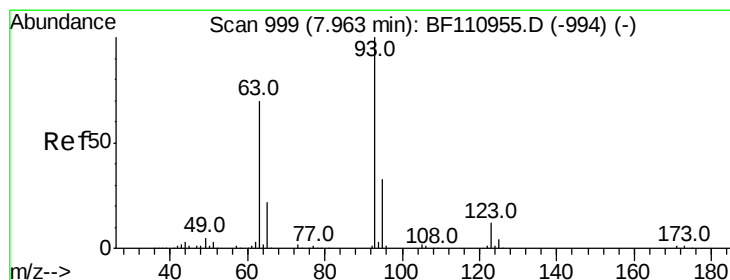
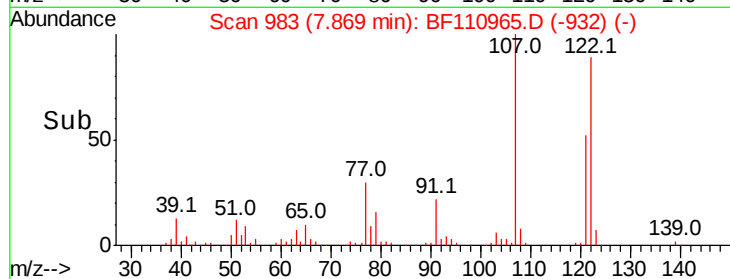
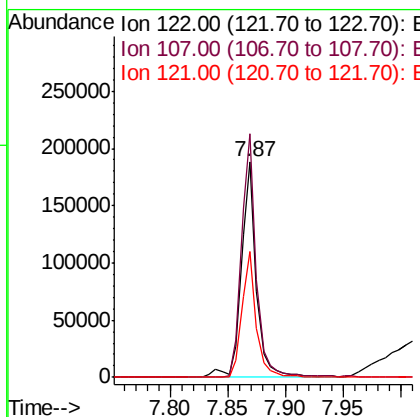
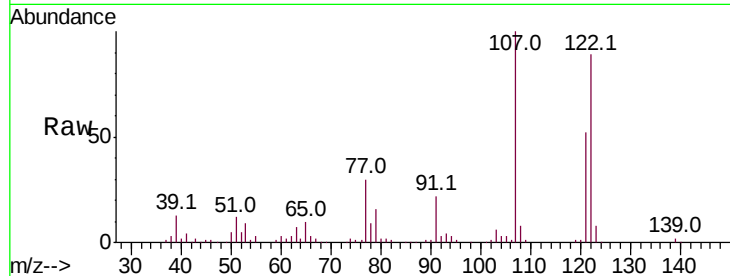
#27
2,4-Dimethylphenol
Concen: 47.275 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	92.5	138.7
121	58.0	45.8	68.8

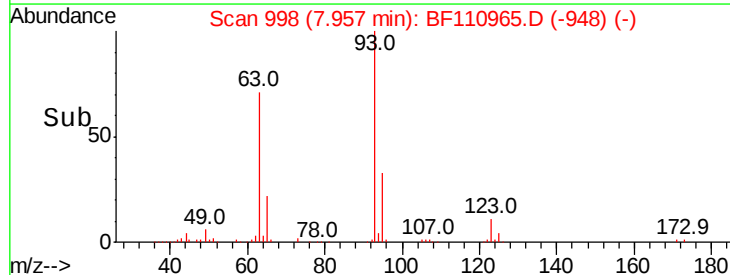
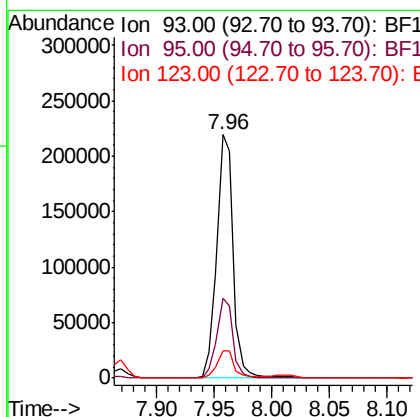
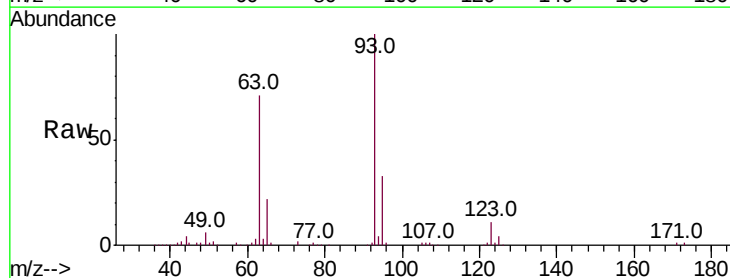
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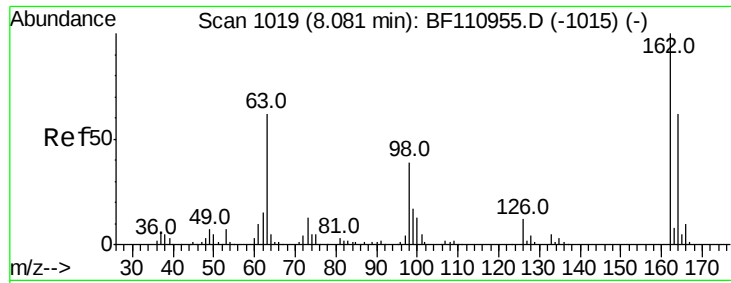
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.049 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	11.1	9.0	13.6





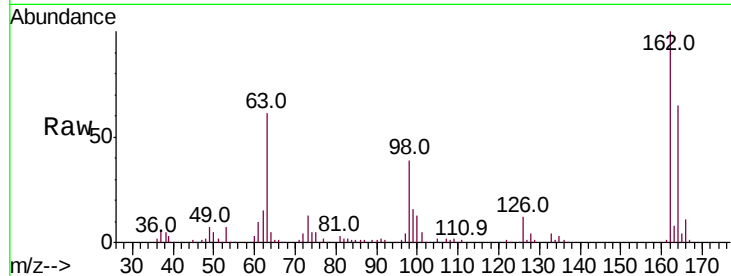
#29
2,4-Dichlorophenol
Concen: 41.564 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	44.6	84.6
98	39.0	17.4	57.4

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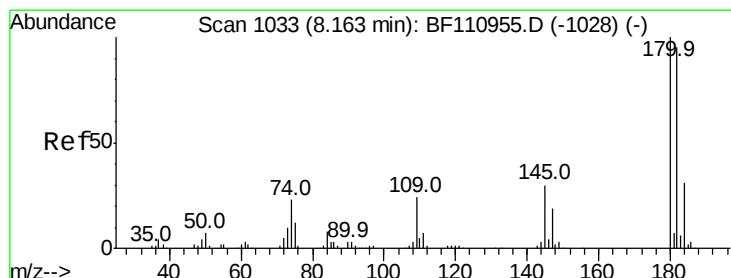
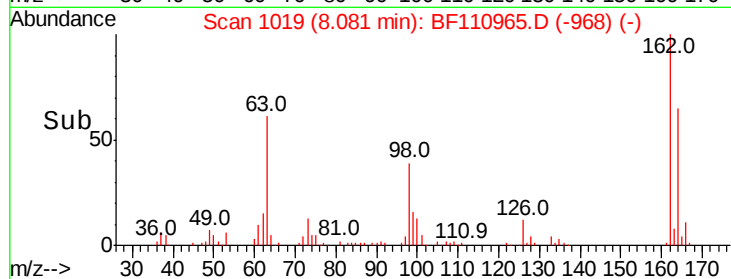
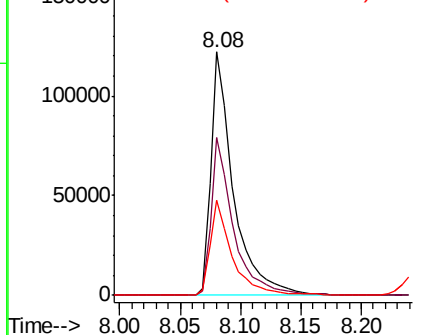


Abundance

Ion 162.00 (161.70 to 162.70): E

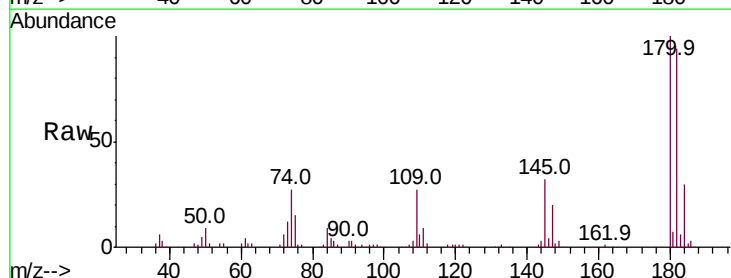
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.146 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.1	80.3	120.5
145	31.8	25.4	38.0

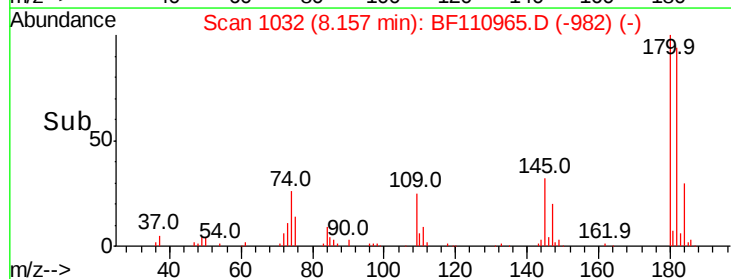
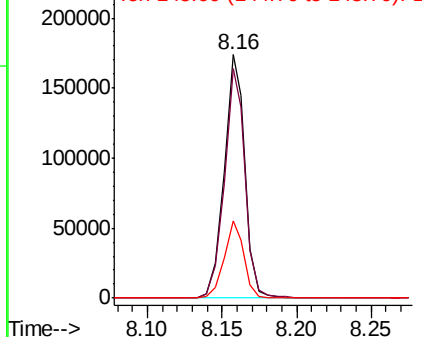


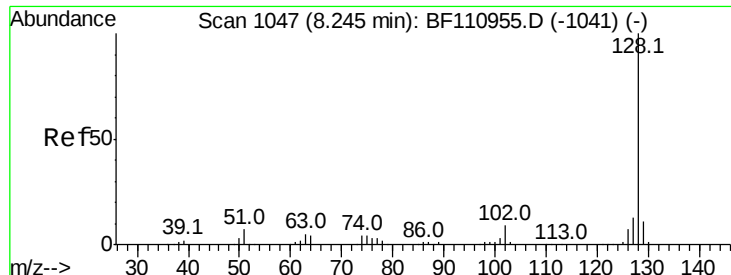
Abundance

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





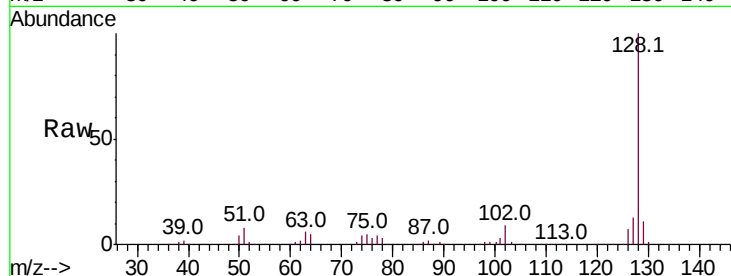
#31
Naphthalene
Concen: 43.229 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

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

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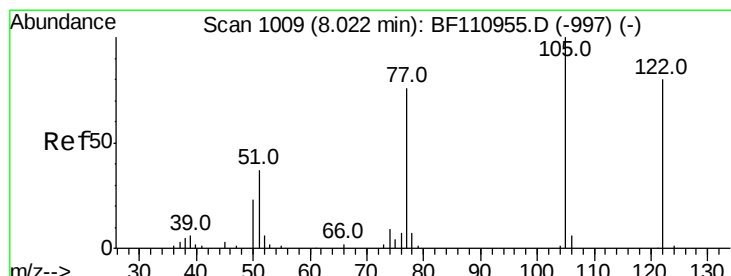
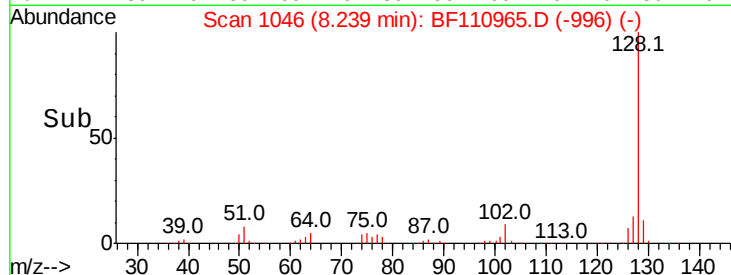
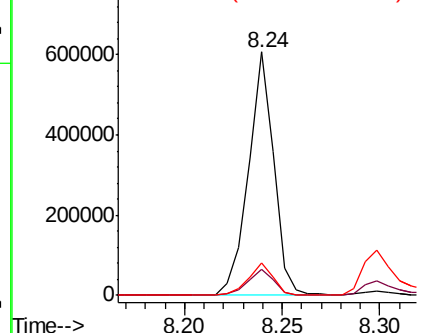


Abundance

Ion 128.00 (127.70 to 128.70): E

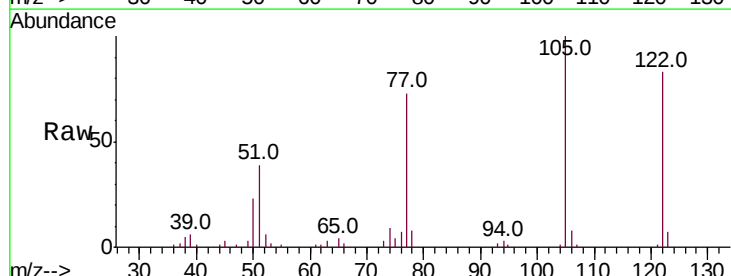
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 31.245 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	120.8	109.0	149.0
77	88.1	79.0	119.0

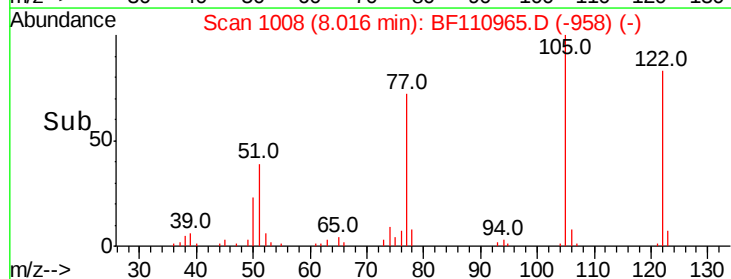
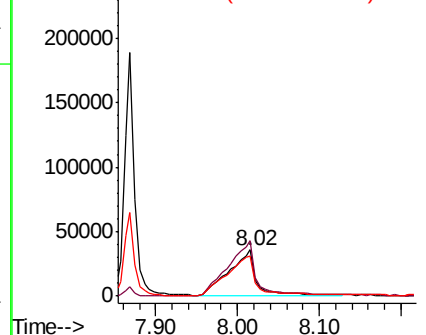


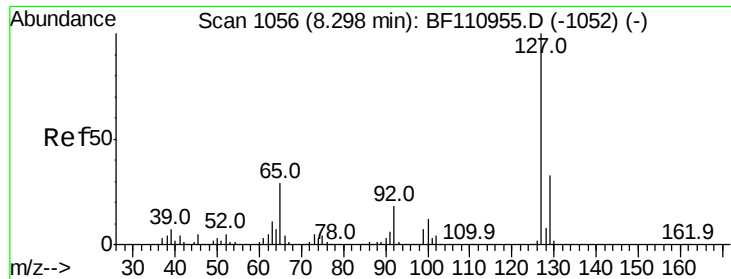
Abundance

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





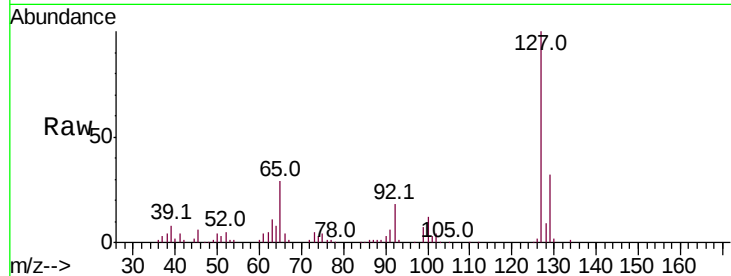
#33
4-Chloroaniline
Concen: 26.482 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.0	39.0
65	29.4	25.1	37.7
92	17.9	15.0	22.6

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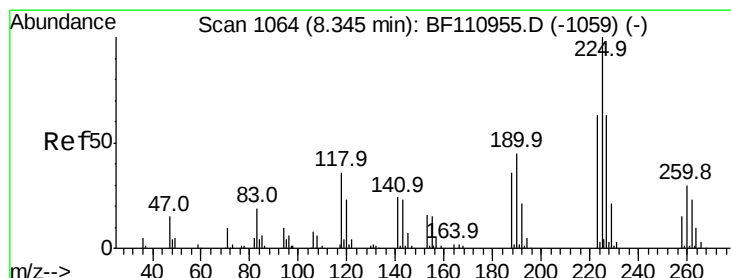
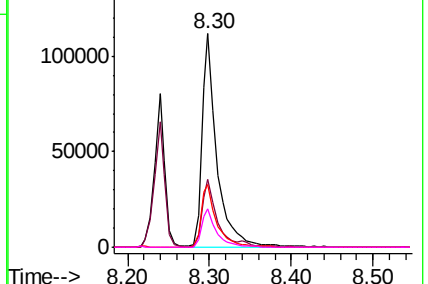
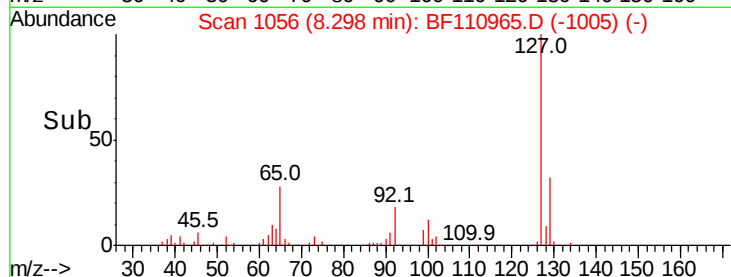
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

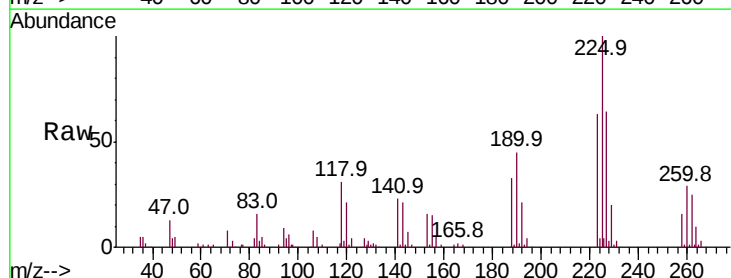
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.393 ng
RT: 8.35 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.4	77.2
227	64.2	51.0	76.6

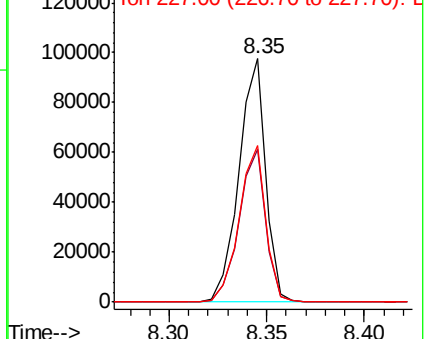
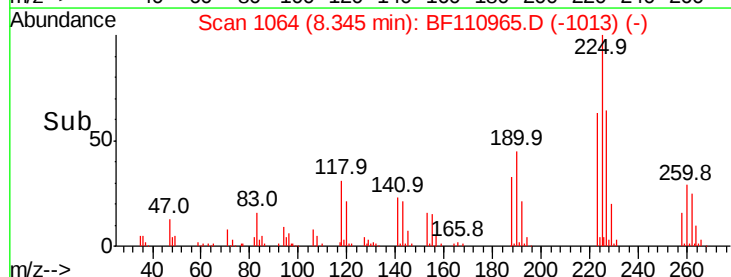


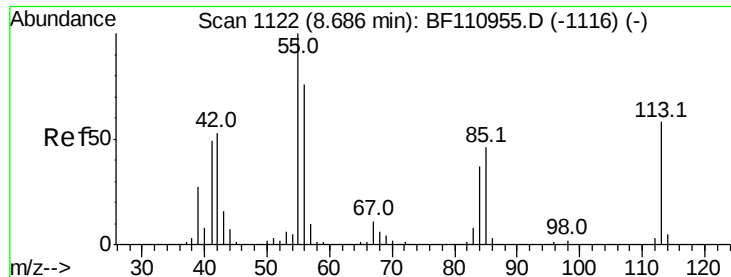
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.380 ng/mL

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

ClientSampleID :

PB115043BS

Tot Ion: 113 Resp: 53340

Ion Ratio Lower Upper

113 100

55 175.1 142.8 182.8

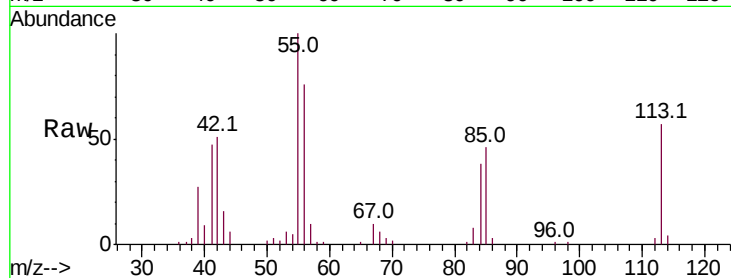
56 132.8 105.0 145.0

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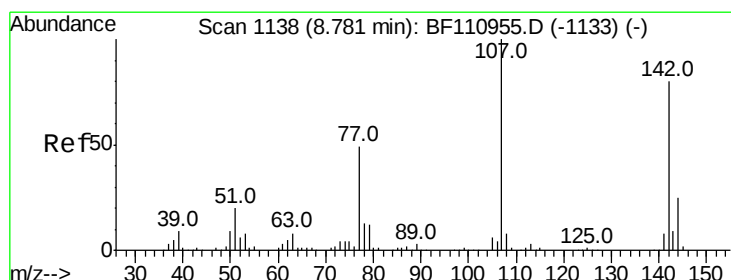
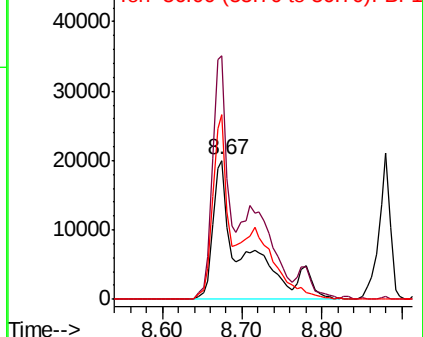
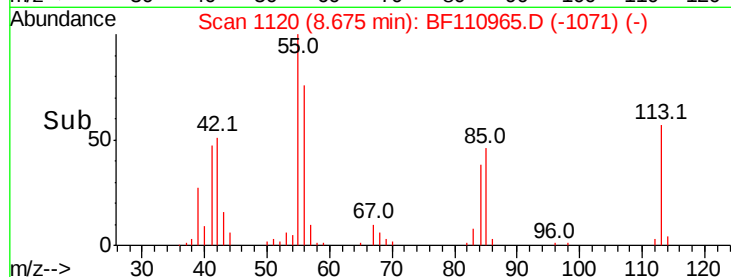
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.446 ng/mL

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

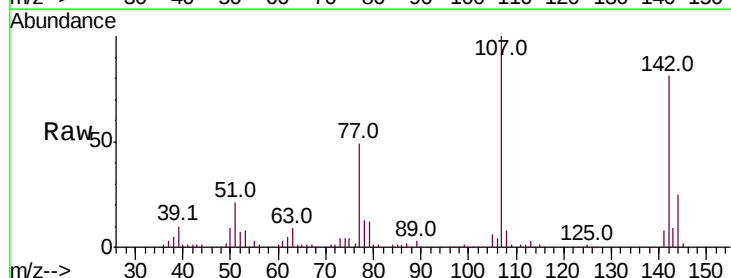
Tgt Ion: 107 Resp: 169680

Ion Ratio Lower Upper

107 100

144 25.5 20.0 30.0

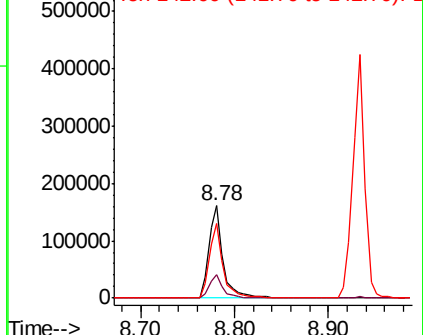
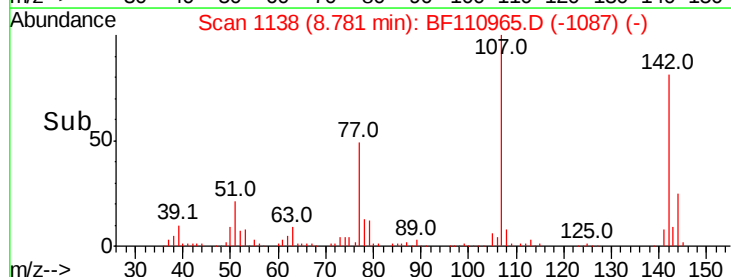
142 80.6 59.7 89.5

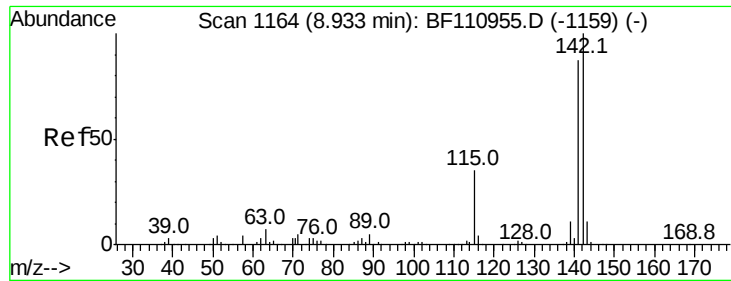


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





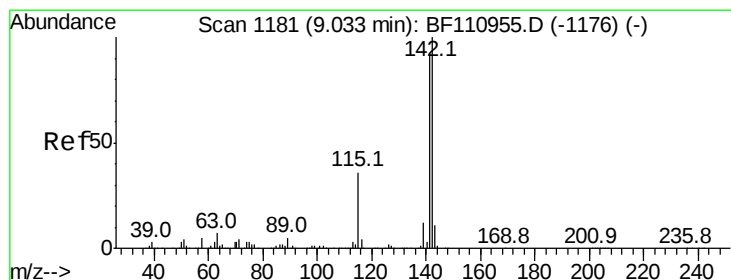
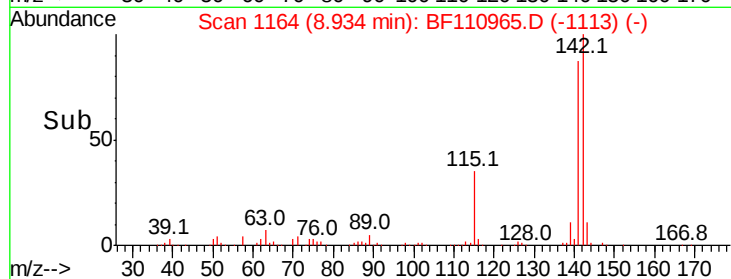
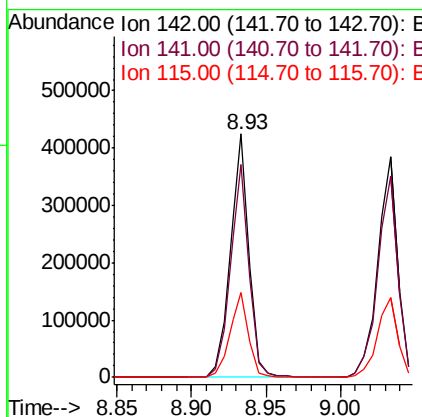
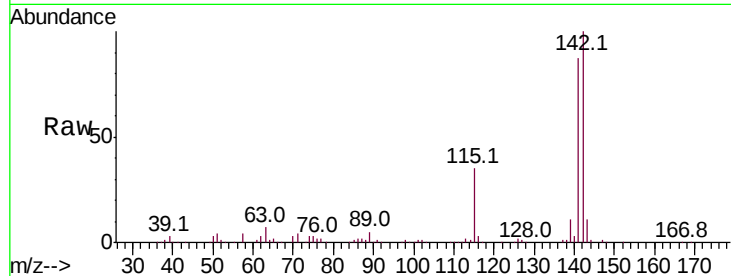
#37
2-Methylnaphthalene
Concen: 44.631 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.4	107.2
115	35.0	28.7	43.1

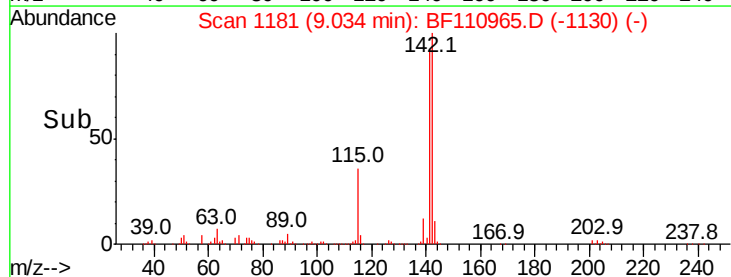
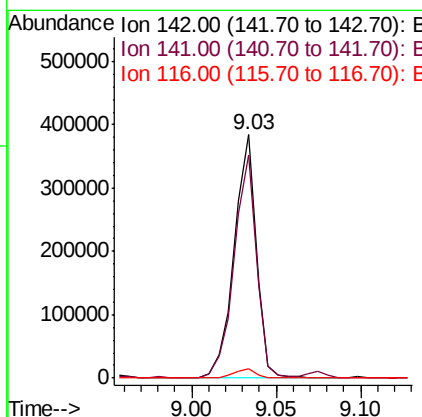
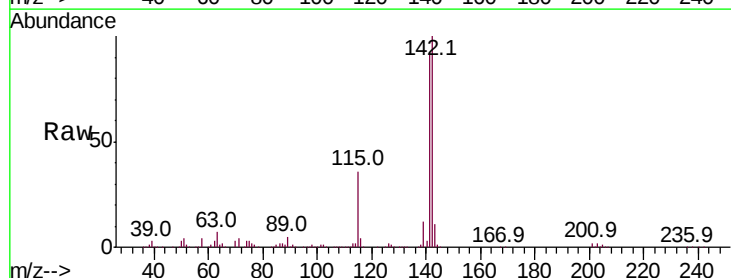
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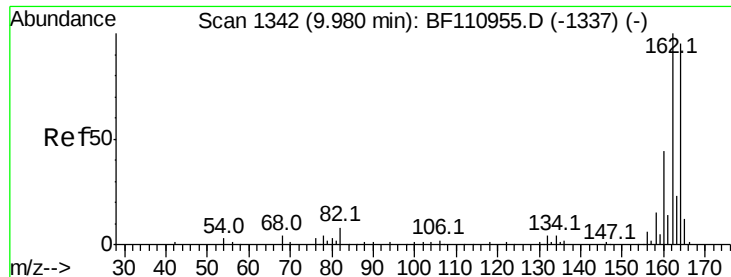
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#38
1-Methylnaphthalene
Concen: 42.854 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	74.2	111.4
116	3.9	2.6	4.0





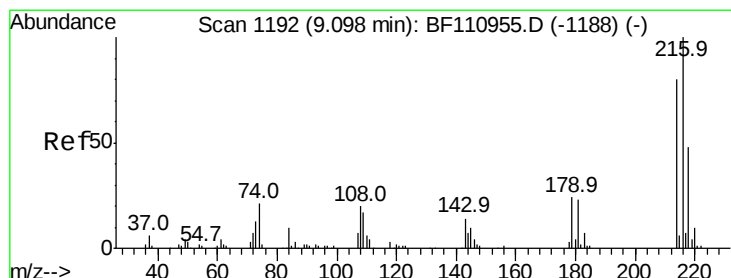
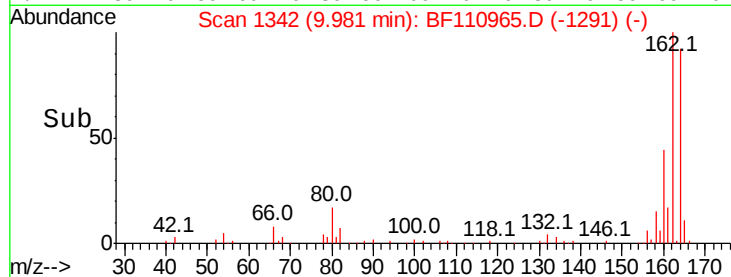
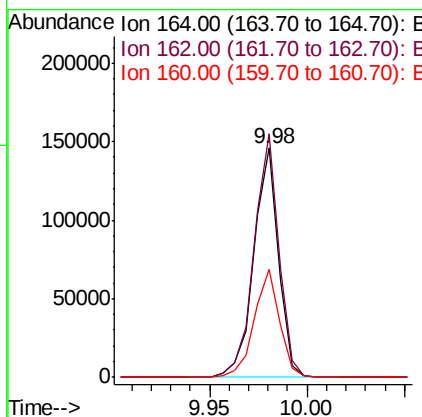
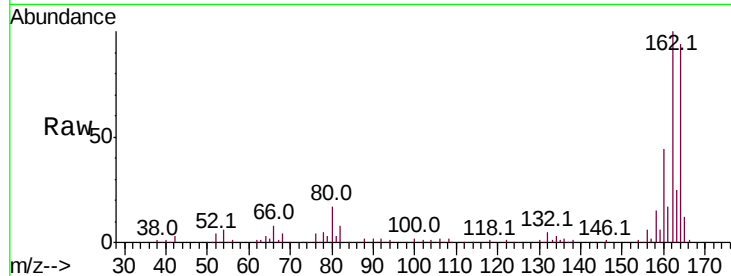
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.0	124.6
160	46.9	37.0	55.6

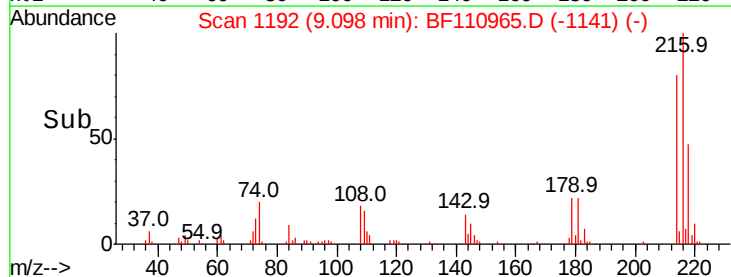
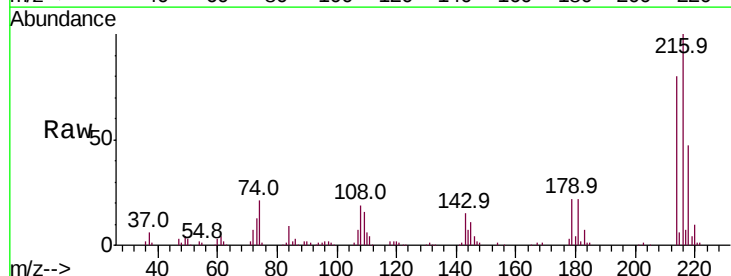
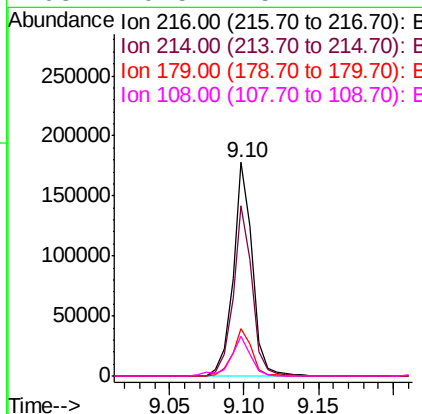
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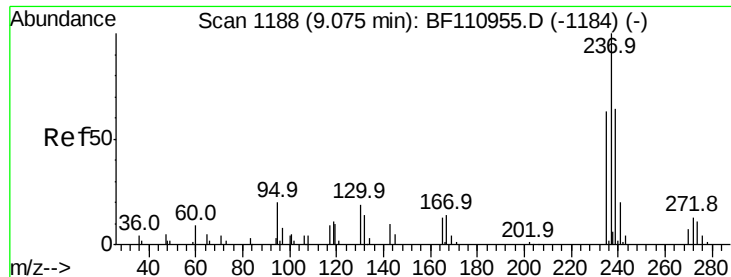
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.965 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.8	95.6
179	22.2	16.6	25.0
108	19.5	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 74.273 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

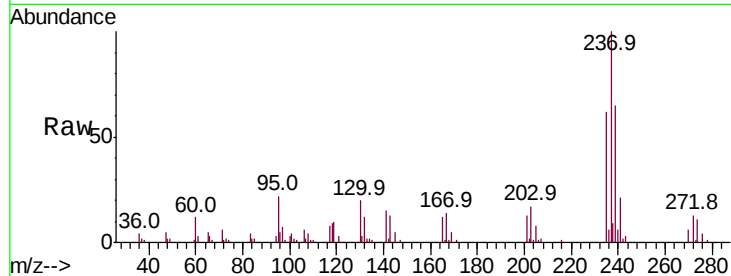
ClientSampleId :

PB115043BS

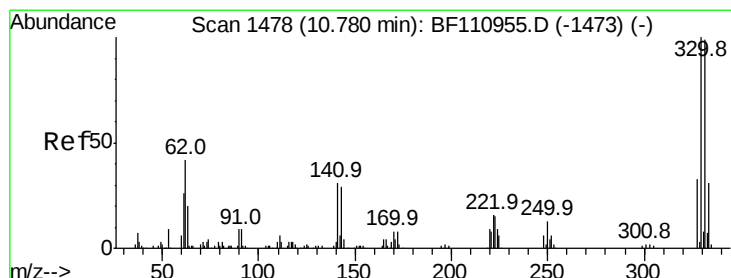
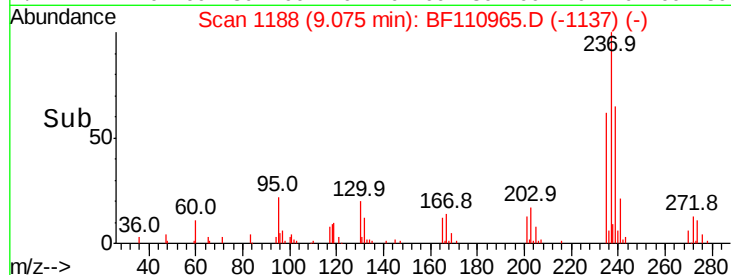
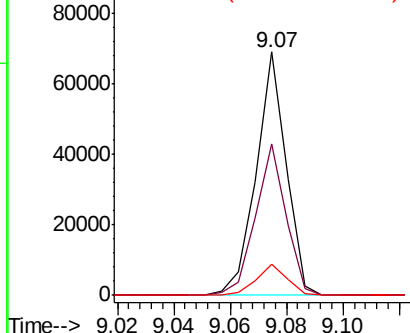
Tot Ion:	237	Resp:	50877
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.1	83.1
272	12.8	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.565 ng

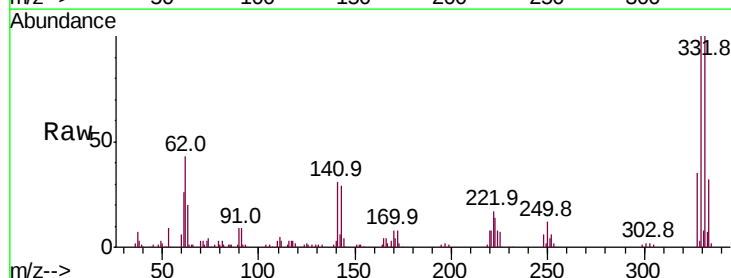
RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

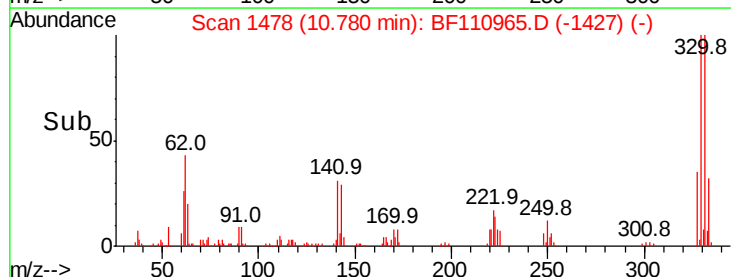
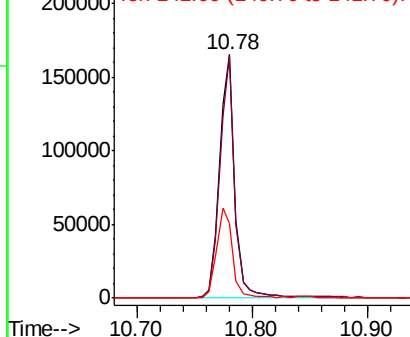
Lab File: BF110965.D

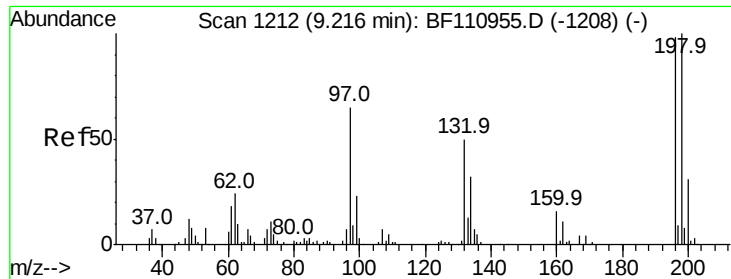
Acq: 26 Nov 2018 15:54

Tgt Ion:	330	Resp:	152867
Ion Ratio	Lower	Upper	
330	100		
332	98.3	77.1	115.7
141	38.1	27.0	40.4



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





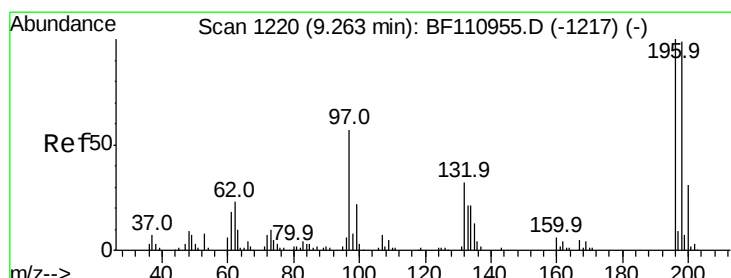
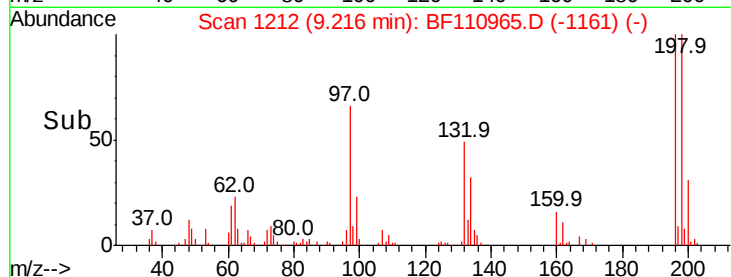
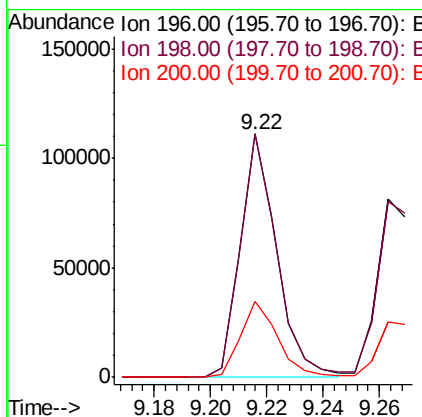
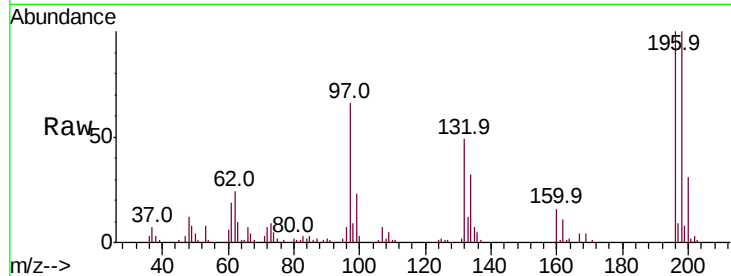
#43
 2,4,6-Trichlorophenol
 Concen: 41.495 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF110965.D
 Acq: 26 Nov 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB115043BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	99531		
198	99.8	76.2	114.4	
200	31.5	24.4	36.6	

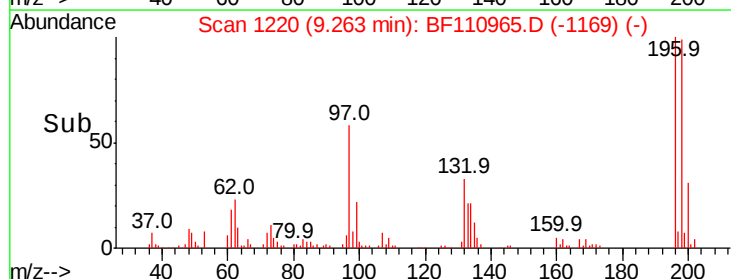
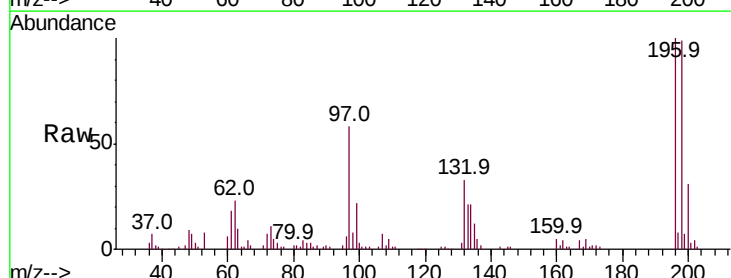
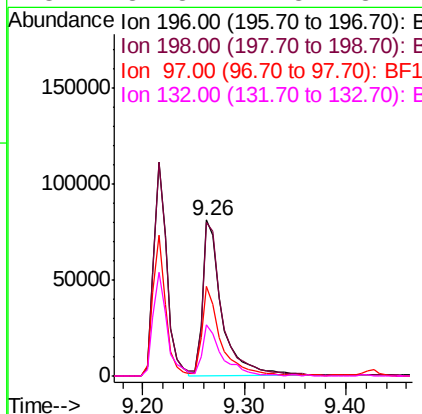
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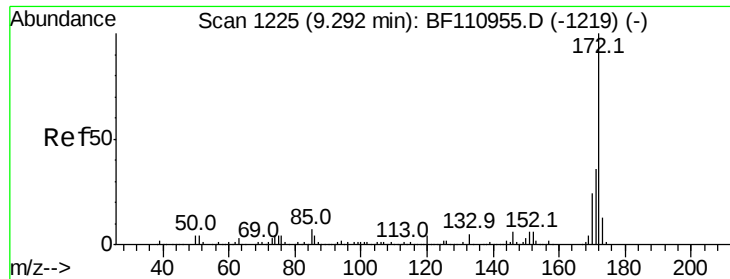
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#44
 2,4,5-Trichlorophenol
 Concen: 42.119 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BF110965.D
 Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	106377		
198	98.5	75.8	113.6	
97	57.8	42.4	63.6	
132	32.8	22.8	34.2	





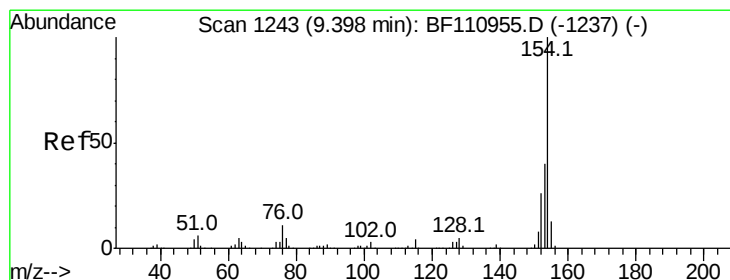
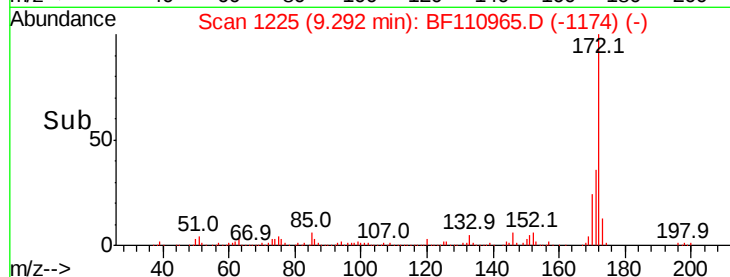
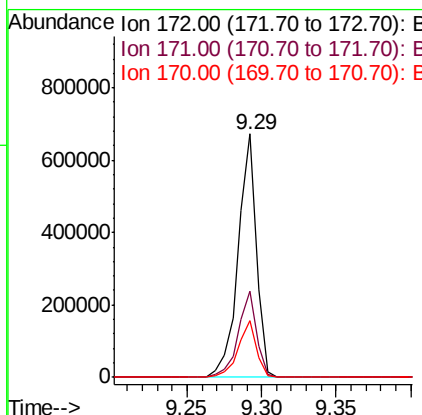
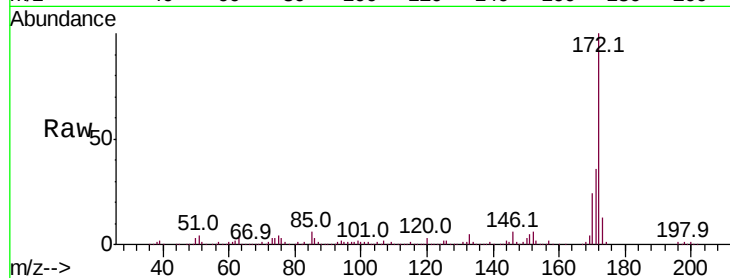
#45
2-Fluorobiphenyl
Concen: 65.891 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.5	19.7	29.5

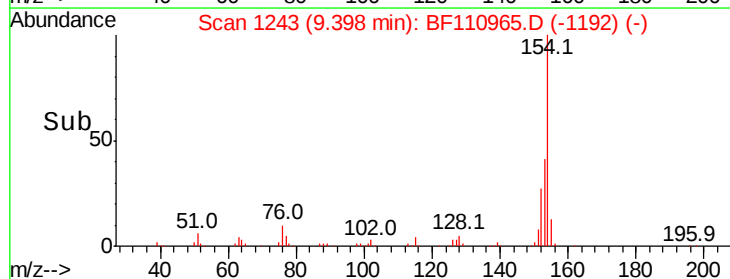
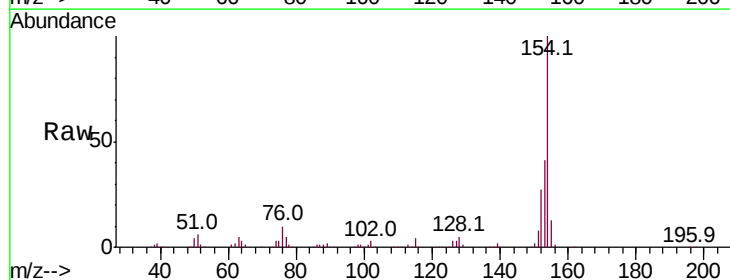
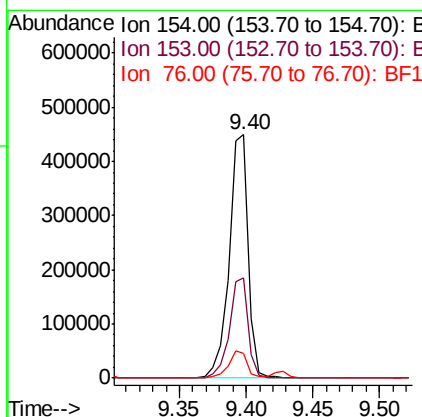
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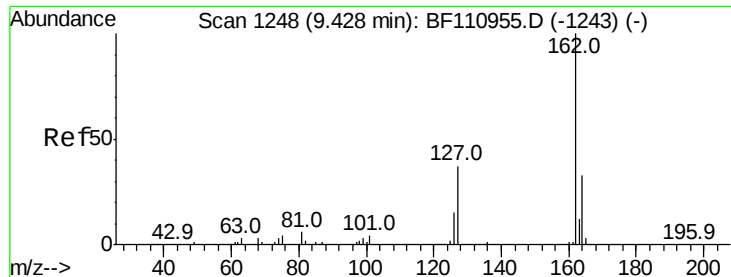
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#46
1,1'-Biphenyl
Concen: 38.373 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.4	60.4
76	10.3	0.0	31.9





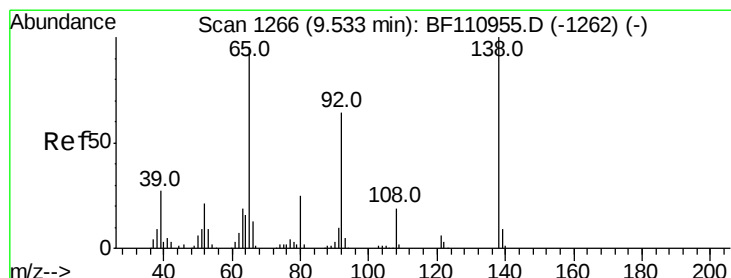
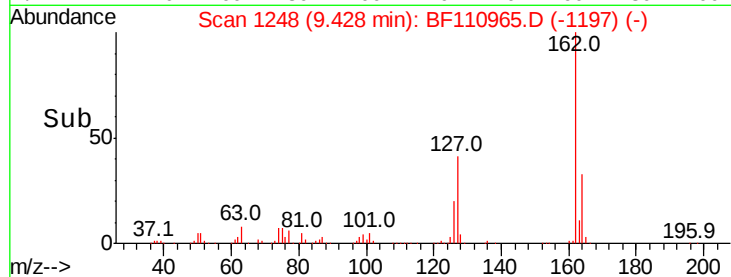
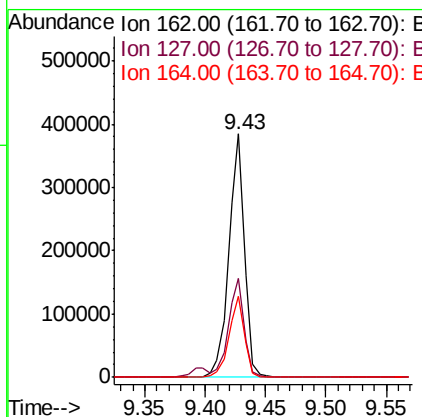
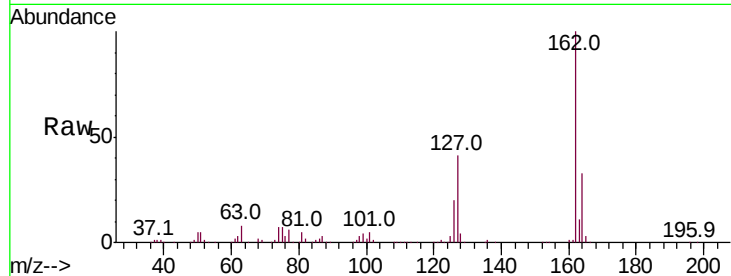
#47
 2-Chloronaphthalene
 Concen: 40.484 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF110965.D
 Acq: 26 Nov 2018 15:54

Instrument :
 BNA_F
 ClientSampleID :
 PB115043BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	345497		
127	40.6		32.6	48.8
164	33.2		25.9	38.9

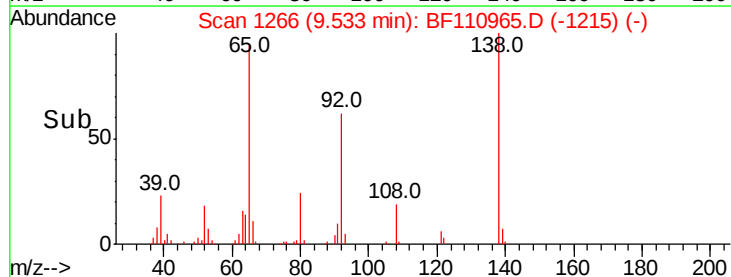
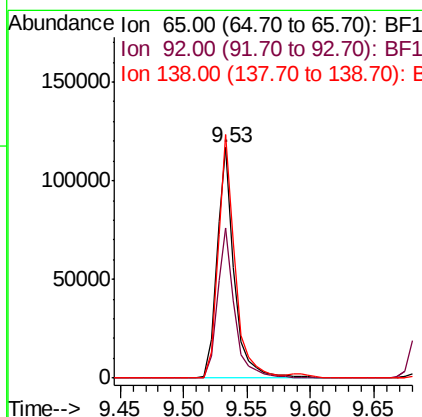
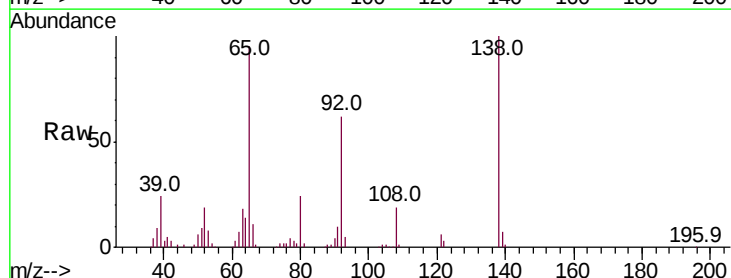
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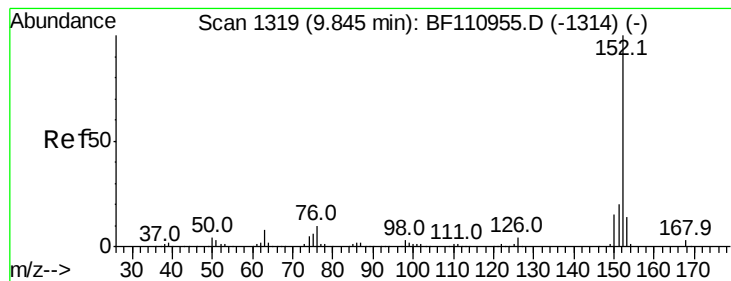
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#48
 2-Nitroaniline
 Concen: 41.690 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110965.D
 Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	111286		
92	65.4		54.6	81.8
138	105.6		80.3	120.5





#49

Acenaphthylene

Concen: 43.851 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

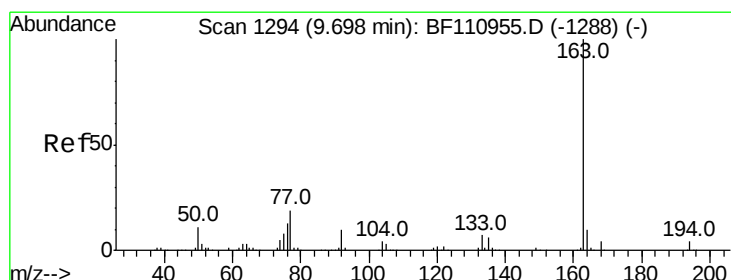
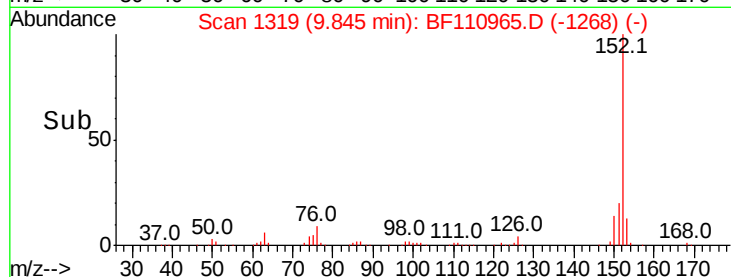
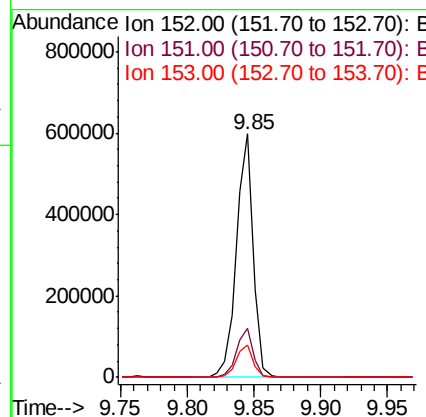
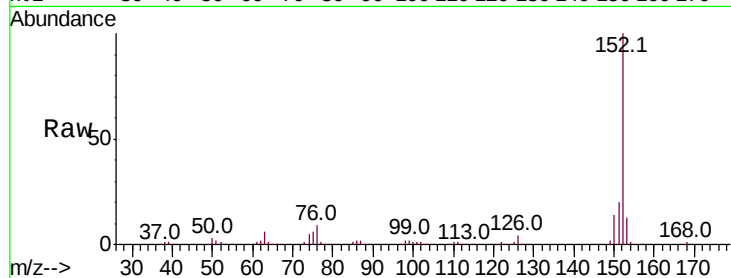
ClientSampleId :

PB115043BS

Tot Ion:	152	Resp:	532145
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.8
153	13.4	10.4	15.6

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#50

Dimethylphthalate

Concen: 41.515 ng

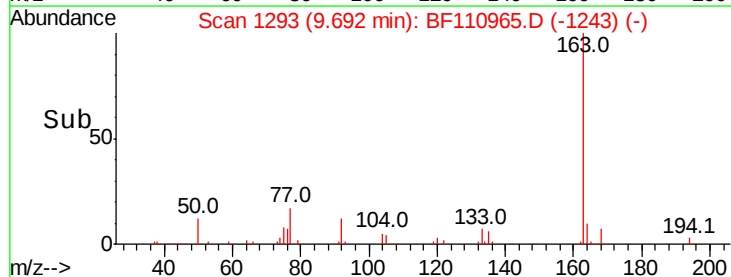
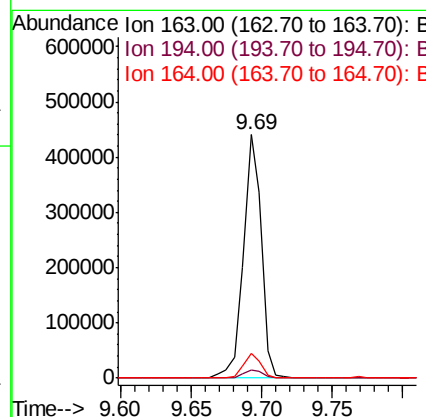
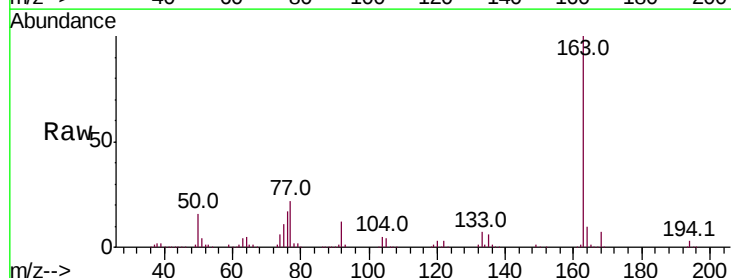
RT: 9.69 min Scan# 1293

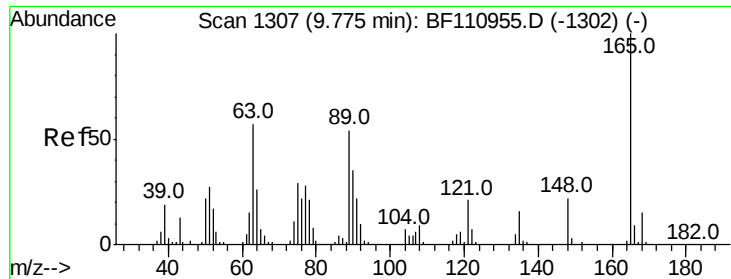
Delta R.T. -0.01 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Tgt Ion:	163	Resp:	388720
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.2	4.8
164	10.4	8.1	12.1





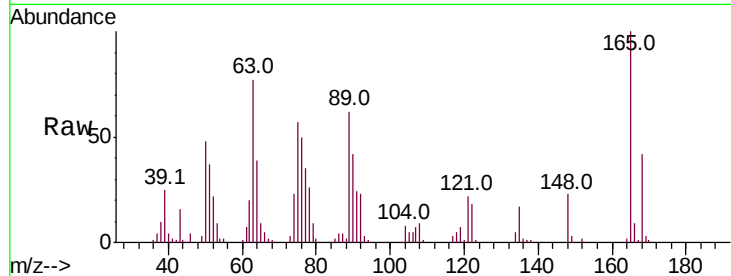
#51
 2,6-Dinitrotoluene
 Concen: 41.369 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF110965.D
 Acq: 26 Nov 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB115043BS

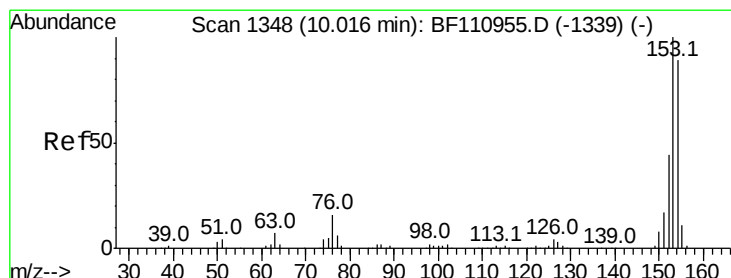
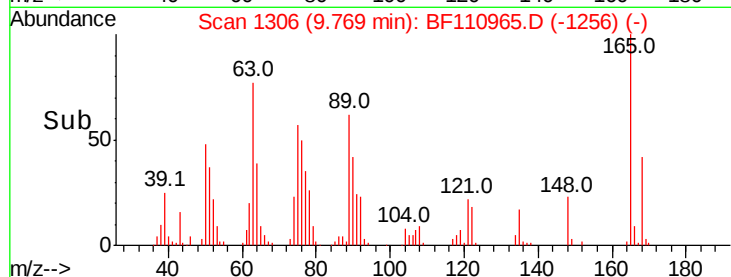
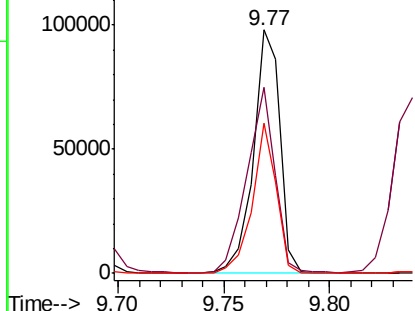
Tot Ion	Ratio	Lower	Upper
165	100		
63	76.5	48.9	73.3#
89	61.8	46.6	69.8

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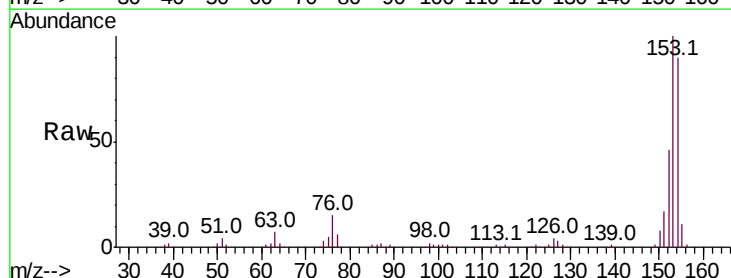


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

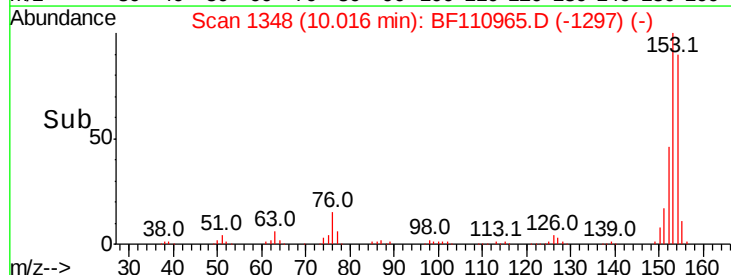
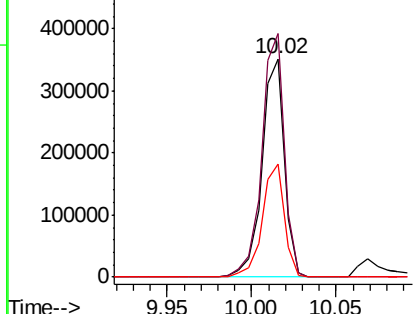


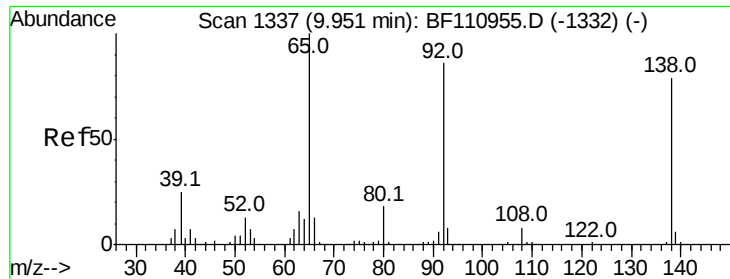
#52
 Acenaphthene
 Concen: 41.728 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF110965.D
 Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.5	90.1	135.1
152	51.6	43.4	65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





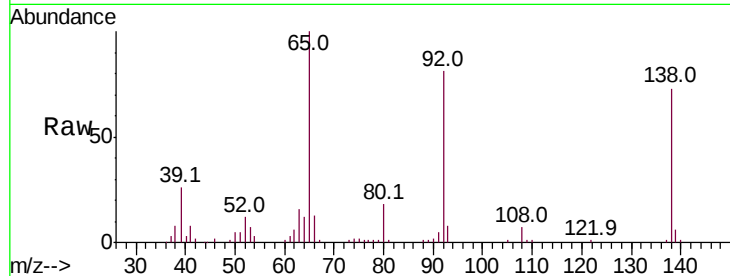
#53
3-Nitroaniline
Concen: 26.761 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.7	13.1
92	111.9	97.0	145.4

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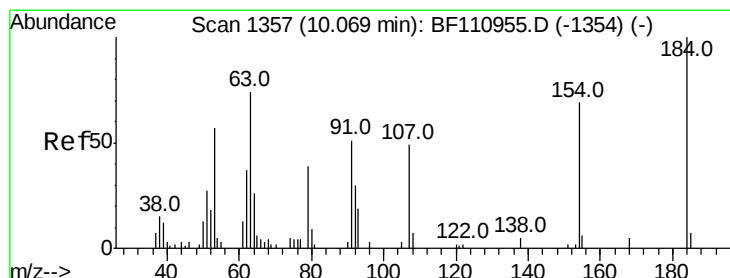
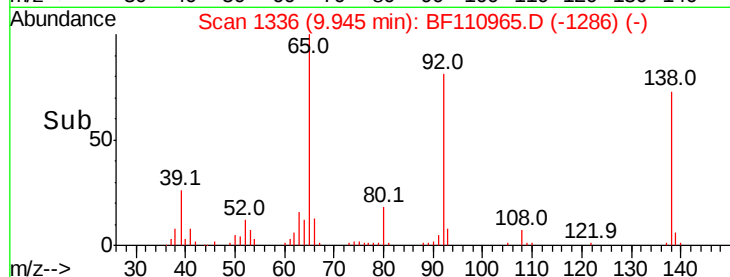
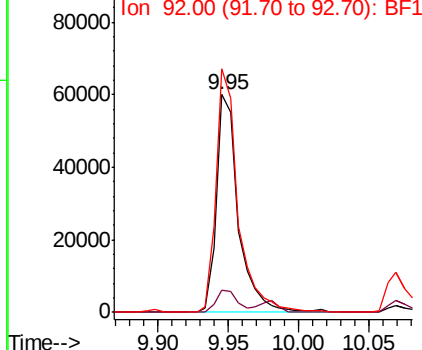


Abundance

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: 68.807 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

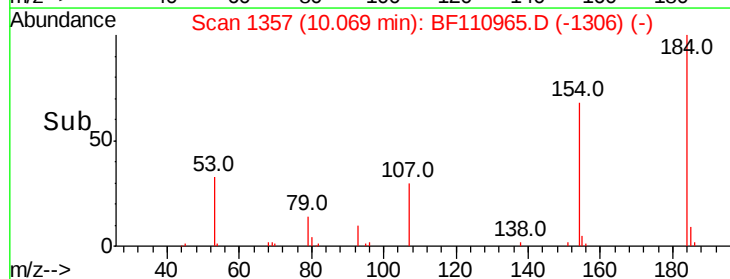
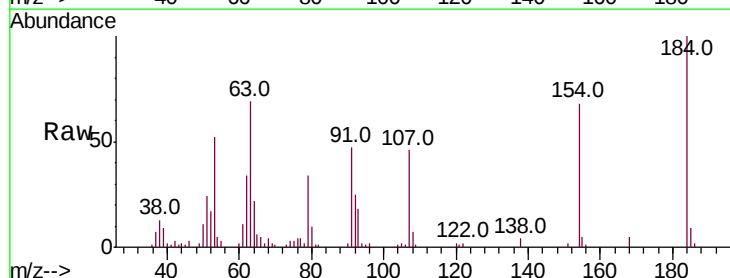
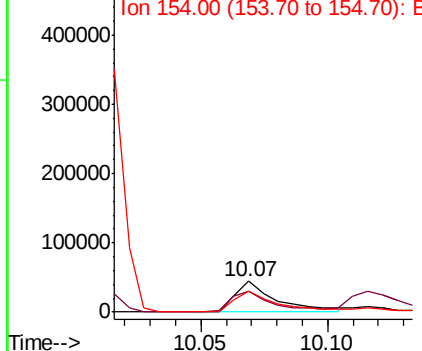
Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.4	55.8	83.6
154	68.5	63.2	94.8

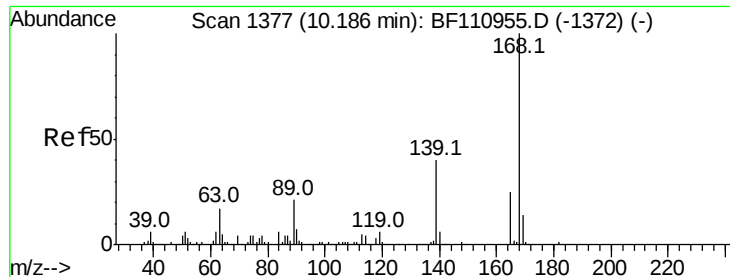
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





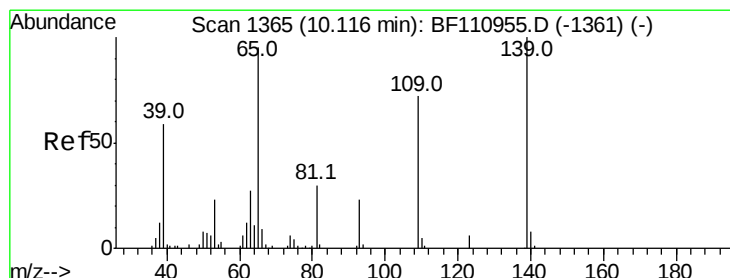
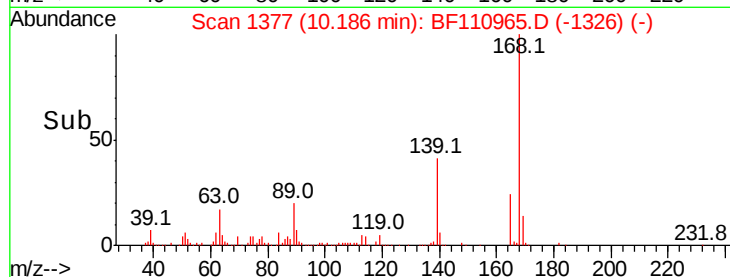
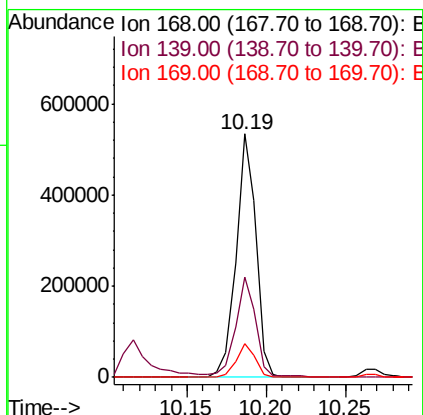
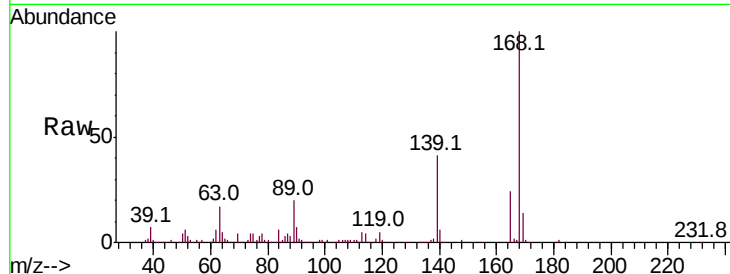
#55
Dibenzenofuran
Concen: 40.789 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	33.0	49.6
169	13.7	11.3	16.9

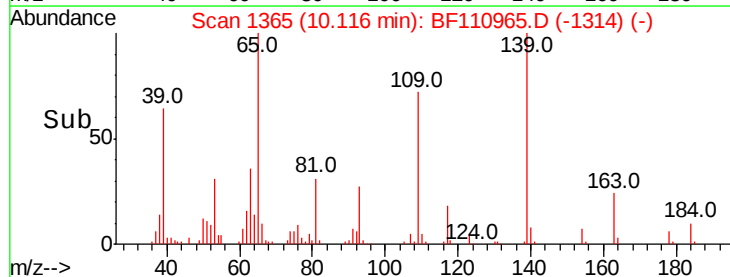
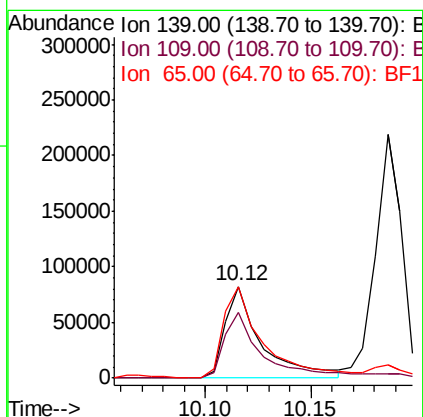
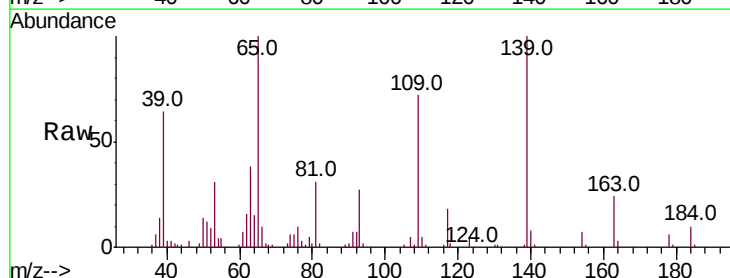
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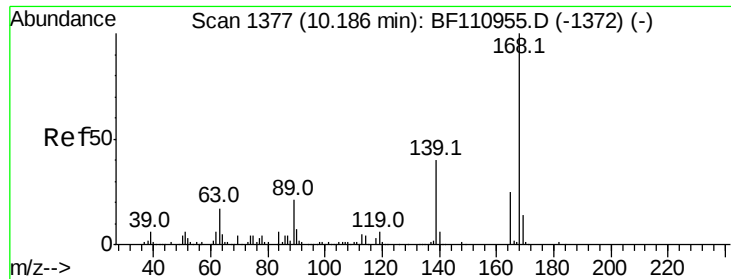
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#56
4-Nitrophenol
Concen: 72.555 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.1	55.8	95.8
65	100.2	77.9	117.9





#57

2,4-Dinitrotoluene

Concen: 42.068 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

ClientSampleId :

PB115043BS

Tot Ion:165 Resp: 113768

Ion Ratio Lower Upper

165 100

63 68.1 44.8 67.2#

89 83.0 62.2 93.4

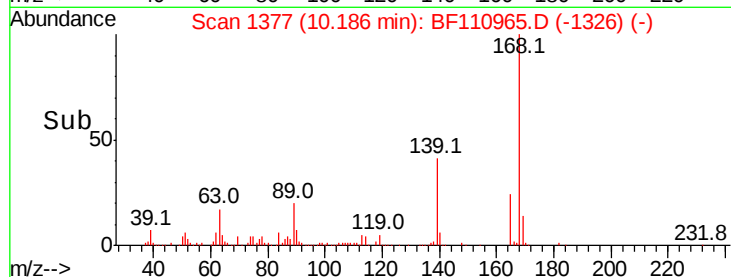
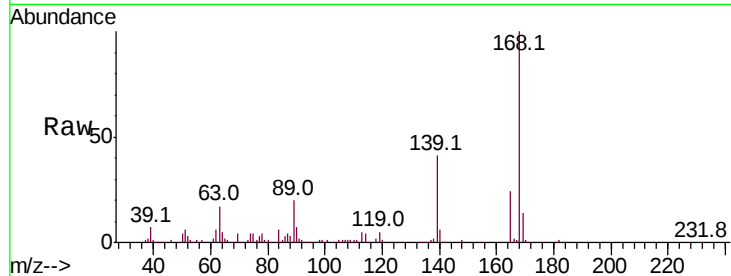
182 2.5 2.1 3.1

Manual Integrations

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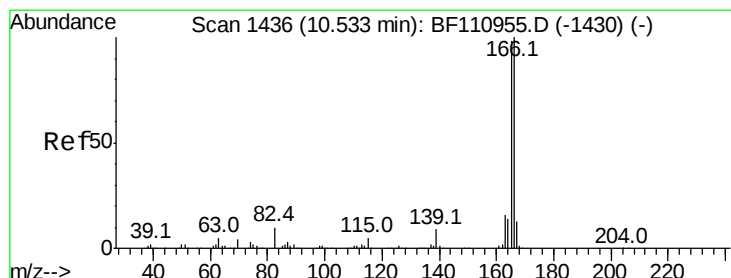
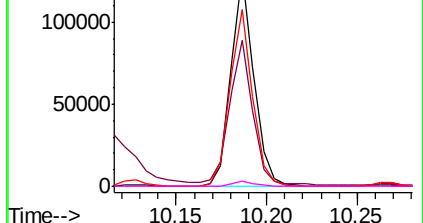


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 43.195 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

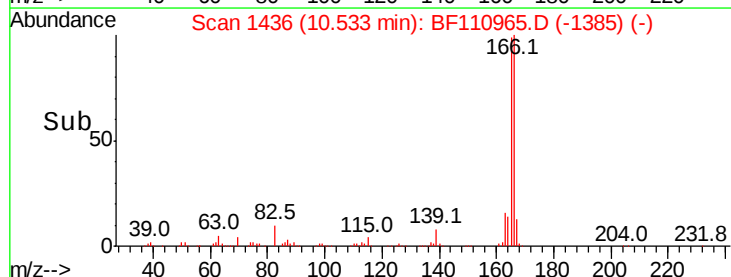
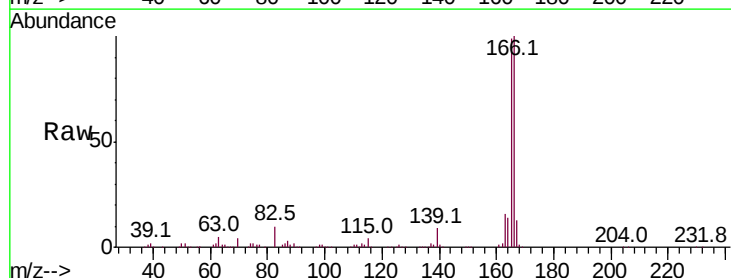
Tgt Ion:166 Resp: 381426

Ion Ratio Lower Upper

166 100

165 99.2 78.6 117.8

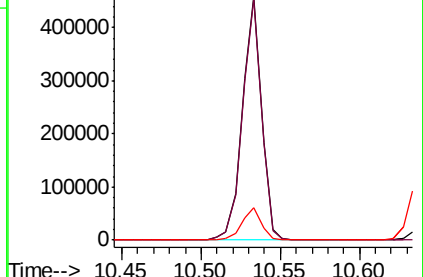
167 13.3 10.8 16.2

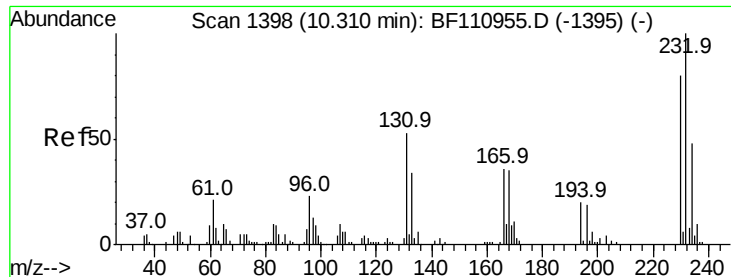


Abundance Ion 166.00 (165.70 to 166.70): E

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: 42.828 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

ClientSampleId :

PB115043BS

Tot Ion:232 Resp: 88771

Ion Ratio Lower Upper

232 100

131 48.8 37.0 55.4

130 2.2 1.8 2.6

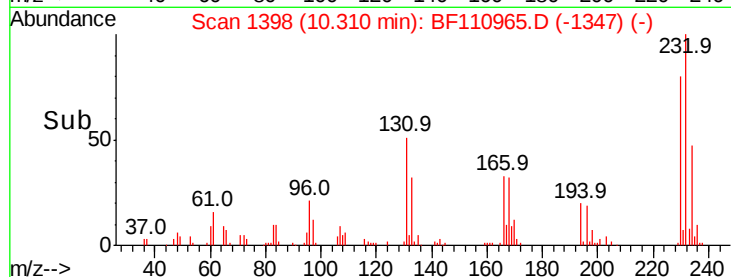
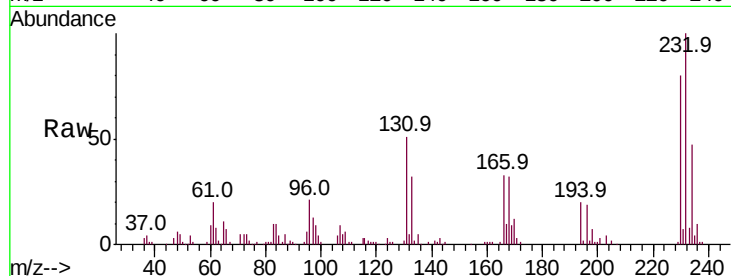
166 32.5 22.0 33.0

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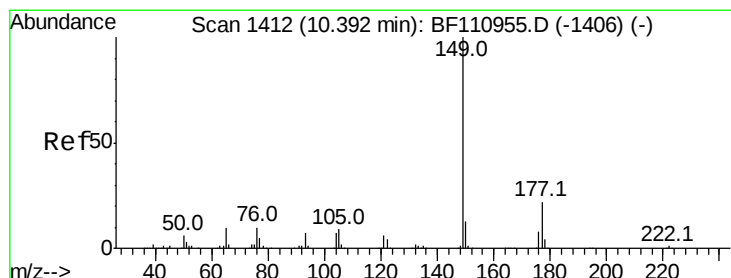
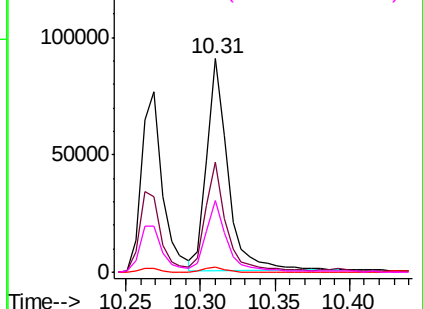


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.356 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

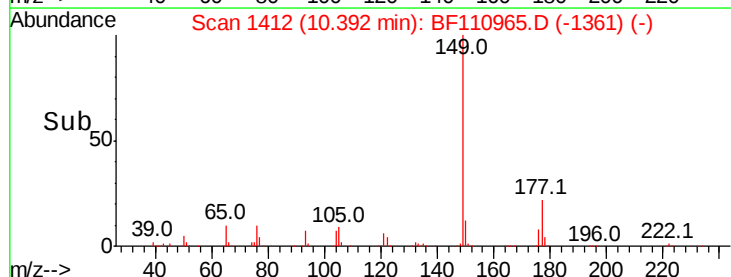
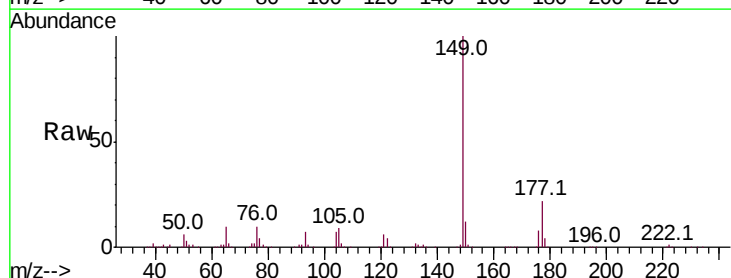
Tgt Ion:149 Resp: 389666

Ion Ratio Lower Upper

149 100

177 21.8 17.4 26.2

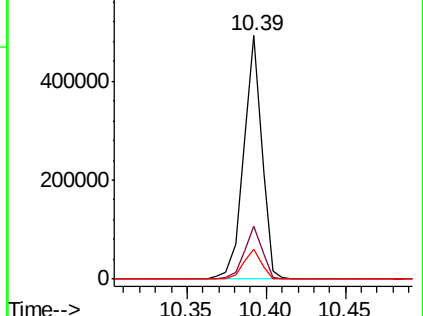
150 12.5 9.8 14.8

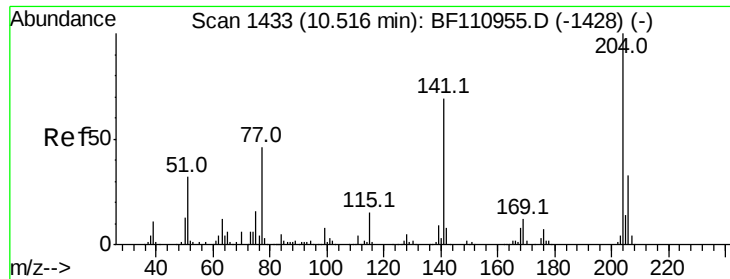


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





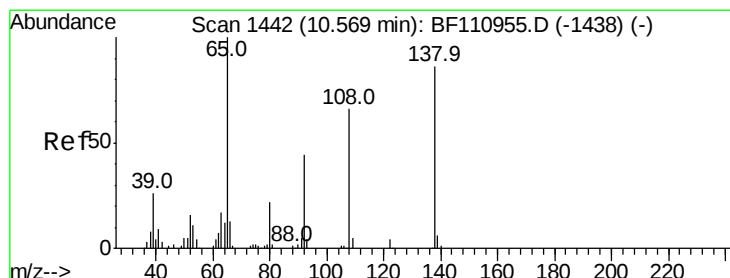
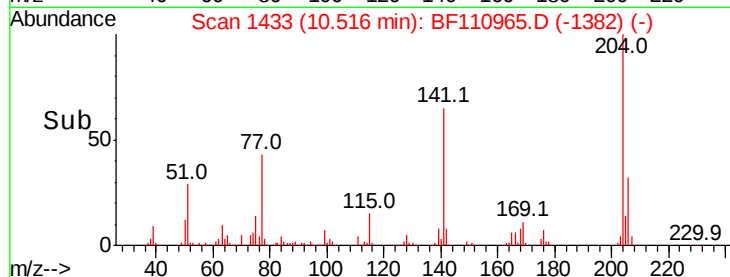
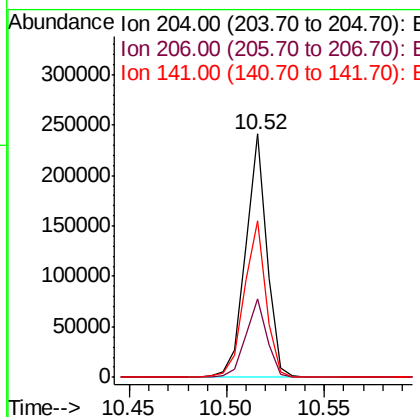
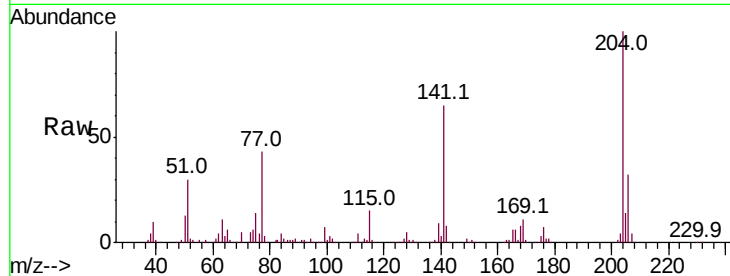
#61
4-Chlorophenyl-phenylether
Concen: 39.380 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	64.5	51.8	77.8

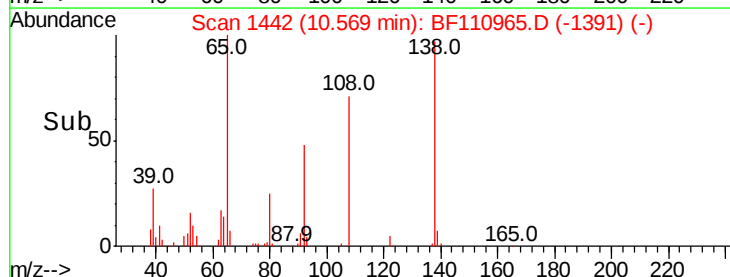
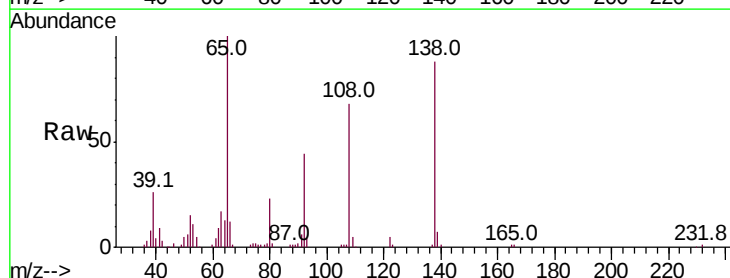
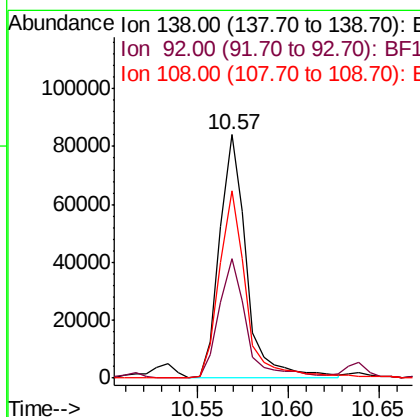
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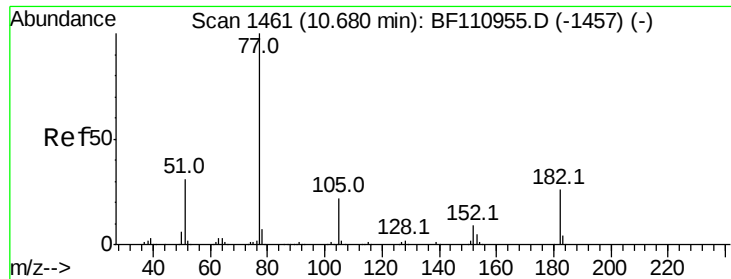
mohammad
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#62
4-Nitroaniline
Concen: 38.604 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	31.7	71.7
108	77.0	59.3	99.3





#63

Azobenzene

Concen: 40.064 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

ClientSampleId :

PB115043BS

Tot Ion: 77 Resp: 377060

Ion Ratio Lower Upper

77 100

182 27.3 4.3 44.3

105 22.6 1.3 41.3

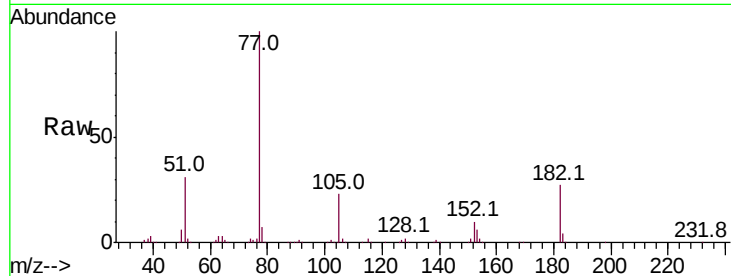
51 31.4 9.0 49.0

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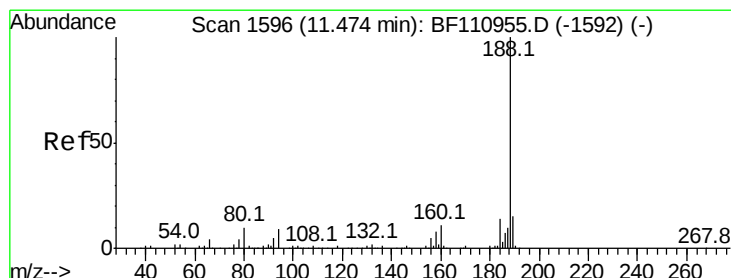
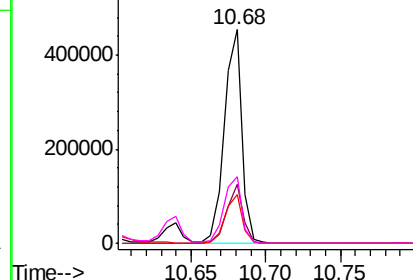
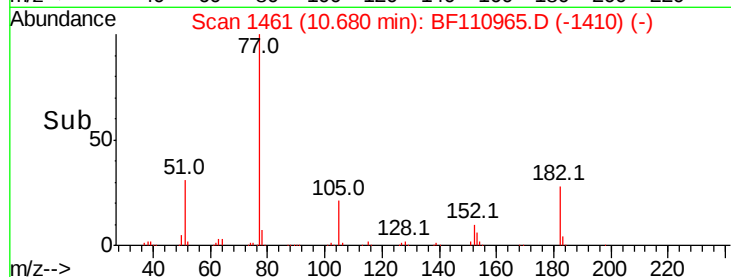


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

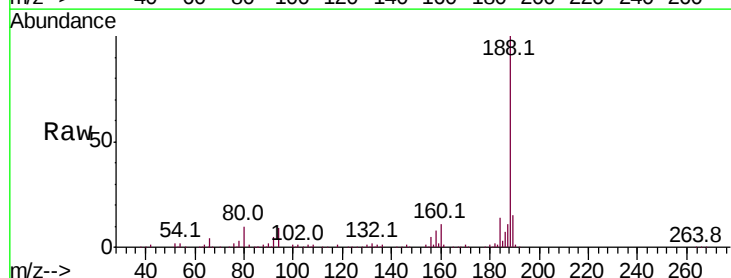
Tgt Ion: 188 Resp: 242143

Ion Ratio Lower Upper

188 100

94 8.7 7.2 10.8

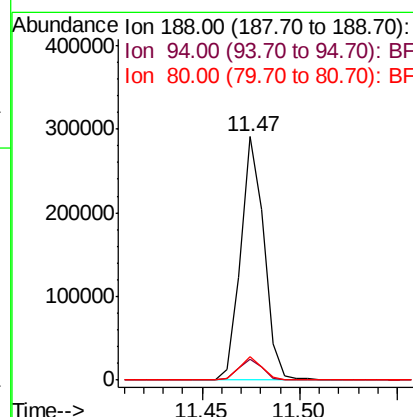
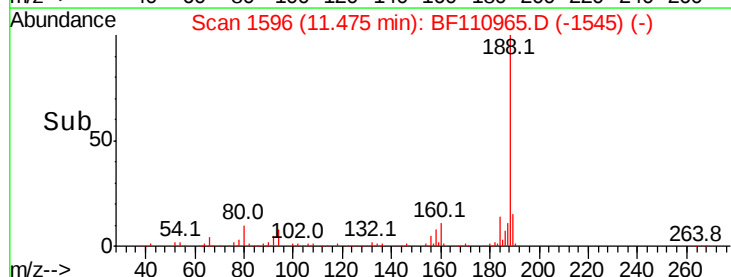
80 9.6 7.9 11.9

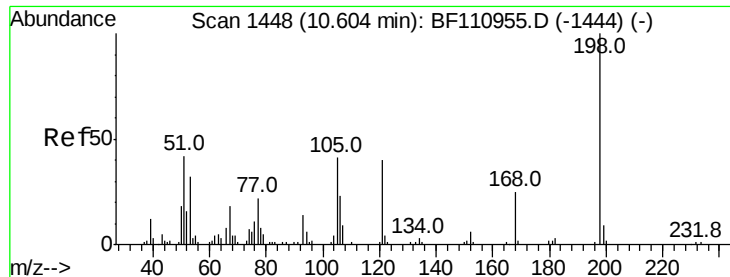


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





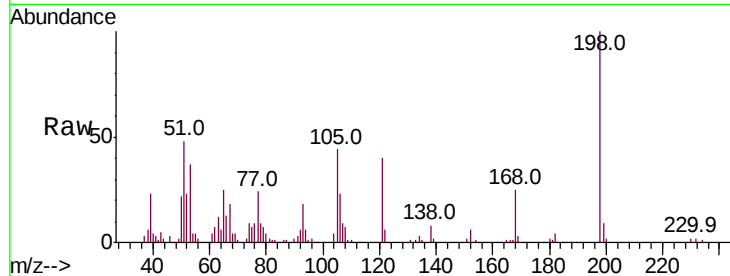
#65
4,6-Dinitro-2-methylphenol
Concen: 35.405 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

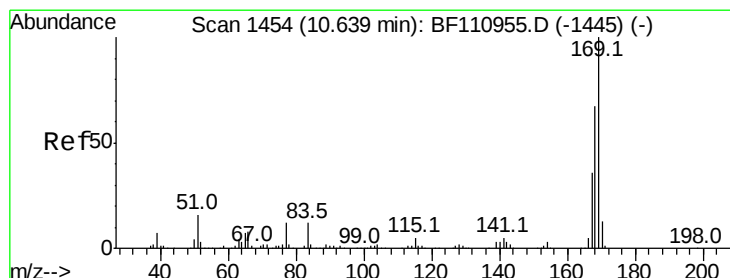
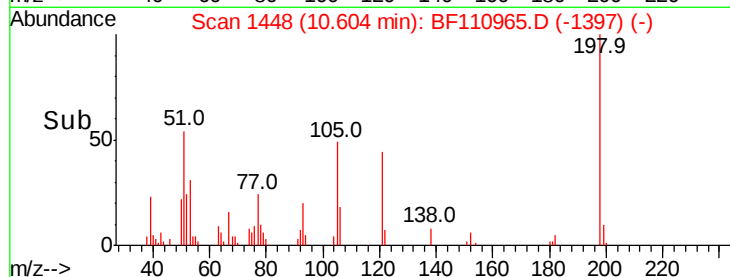
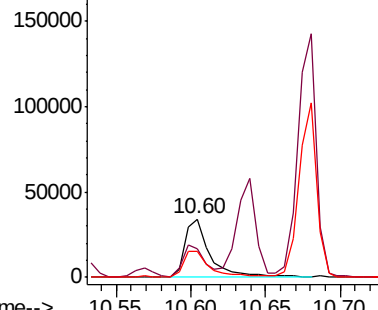
Tot Ion	Ratio	Lower	Upper
198	100		
51	48.2	22.8	62.8
105	43.7	23.6	63.6

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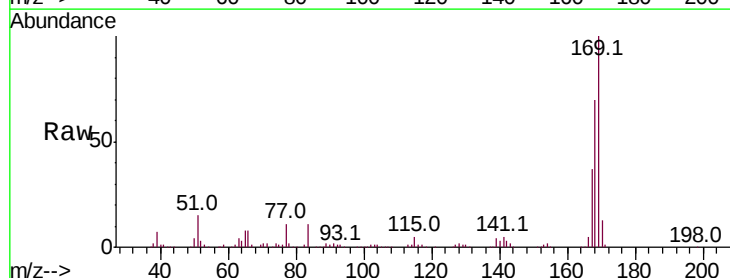


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

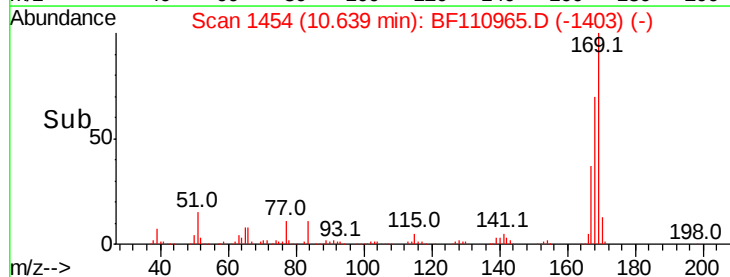
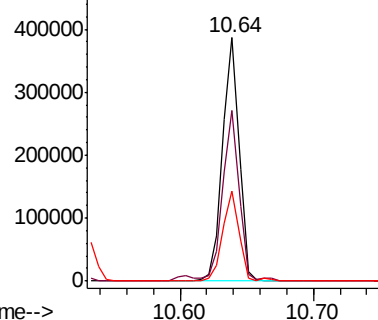


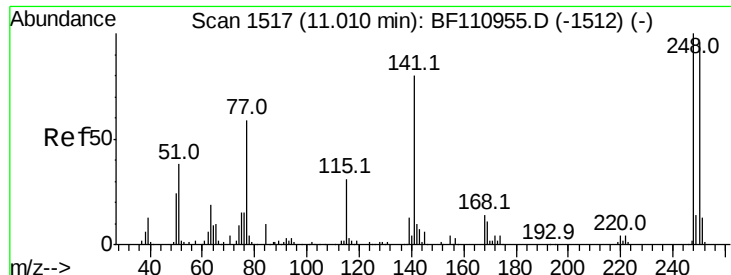
#66
n-Nitrosodiphenylamine
Concen: 40.679 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.9	51.2	76.8
167	37.2	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: 40.002 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

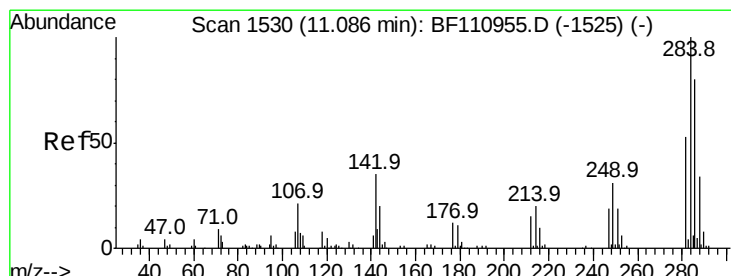
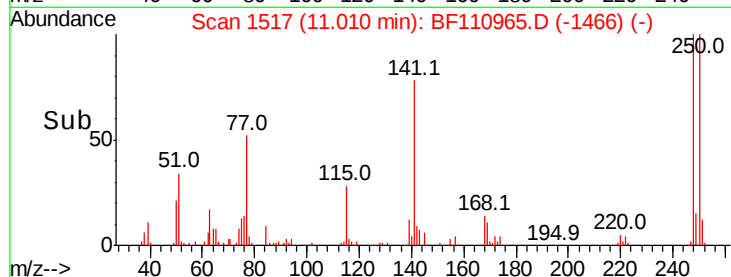
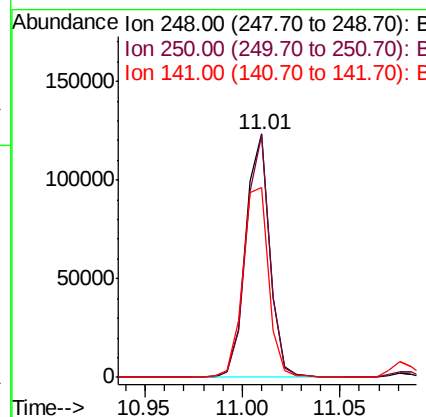
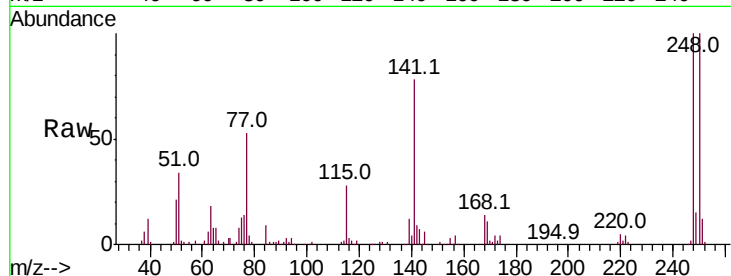
ClientSampleId :

PB115043BS

Tot Ion:	248	Resp:	105490
Ion Ratio	Lower	Upper	
248	100		
250	99.7	79.4	119.2
141	77.9	55.9	83.9

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#68

Hexachlorobenzene

Concen: 40.219 ng

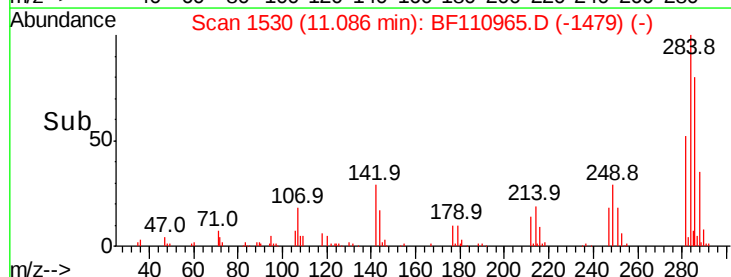
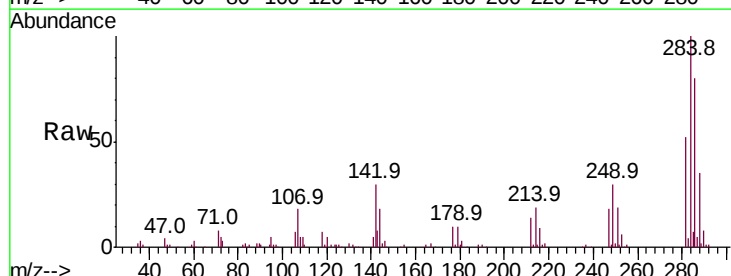
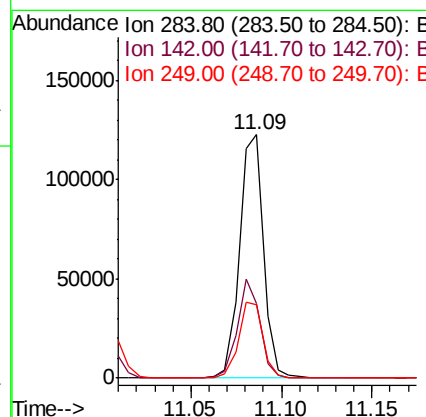
RT: 11.09 min Scan# 1530

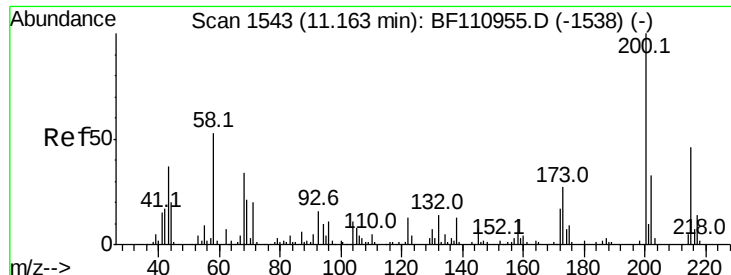
Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Tgt Ion:	284	Resp:	112973
Ion Ratio	Lower	Upper	
284	100		
142	30.4	23.9	35.9
249	30.0	24.2	36.2





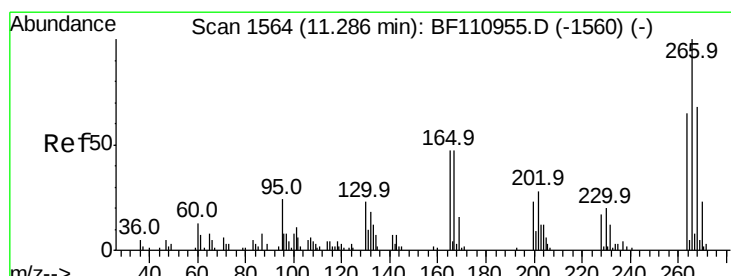
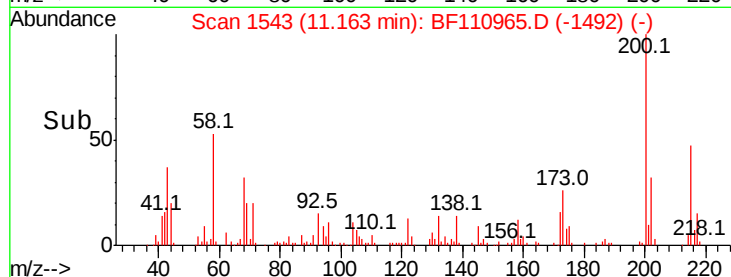
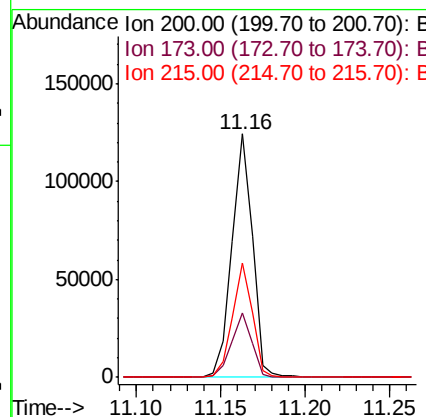
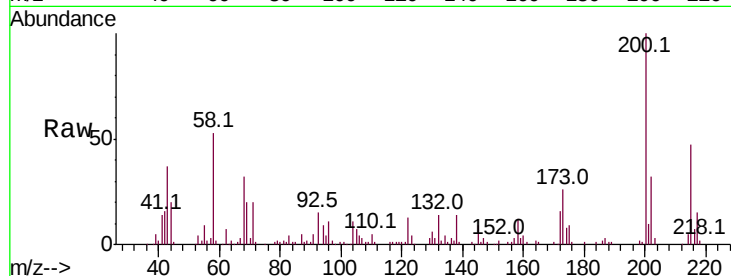
#69
Atrazine
Concen: Below Cal
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.6	46.6
215	47.0	26.3	66.3

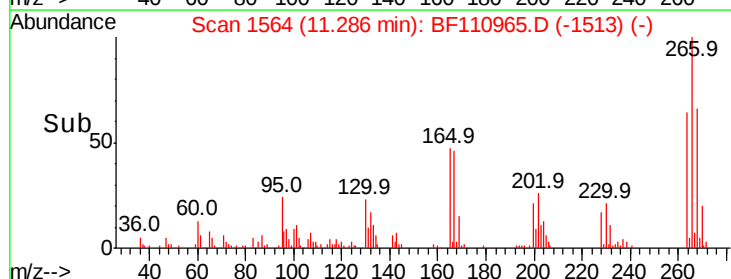
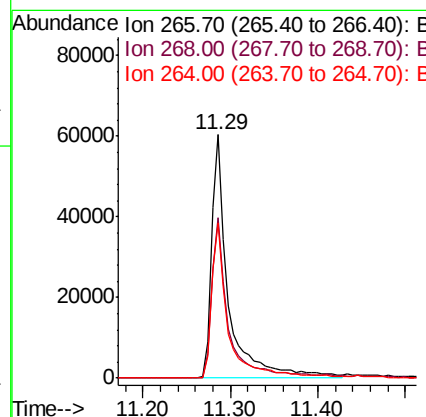
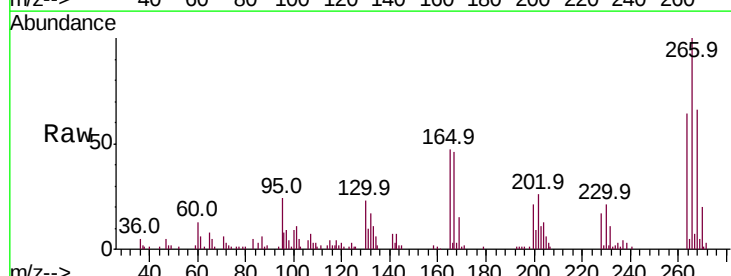
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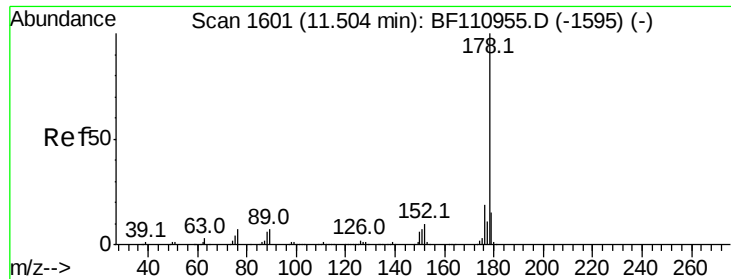
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#70
Pentachlorophenol
Concen: 72.199 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	50.6	75.8
264	63.8	50.6	75.8





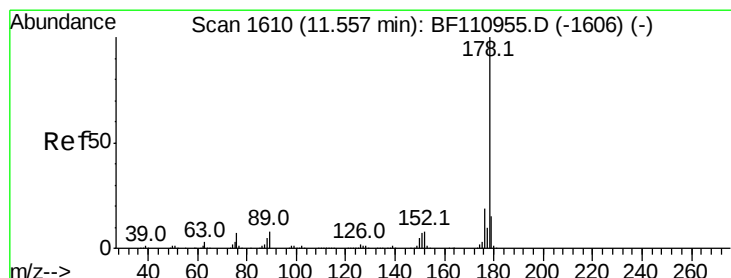
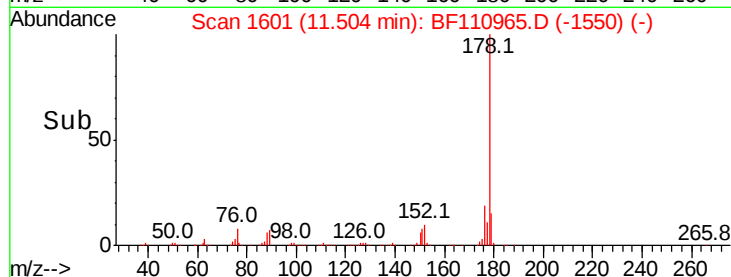
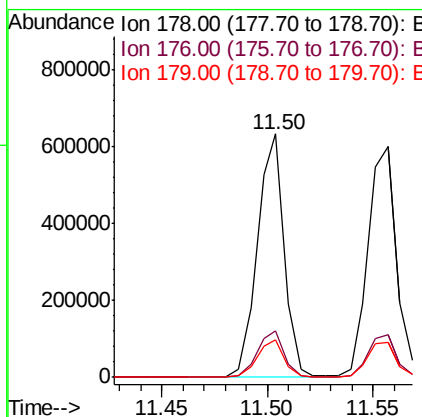
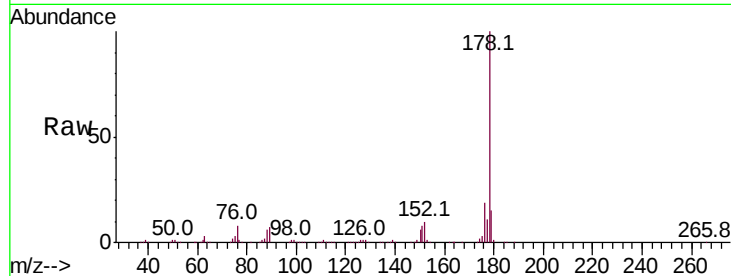
#71
Phenanthrene
Concen: 43.573 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.2	12.5	18.7

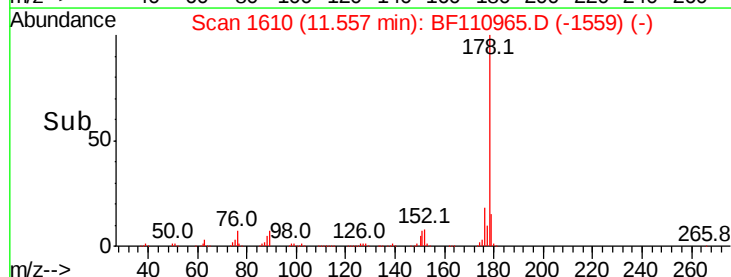
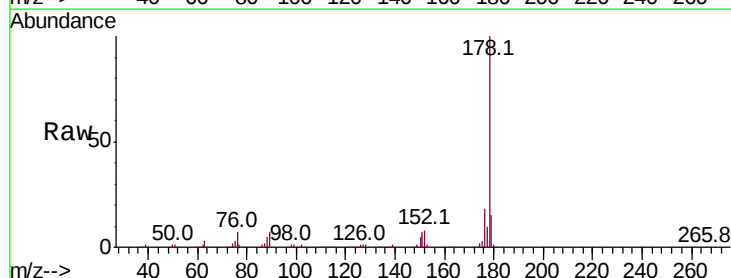
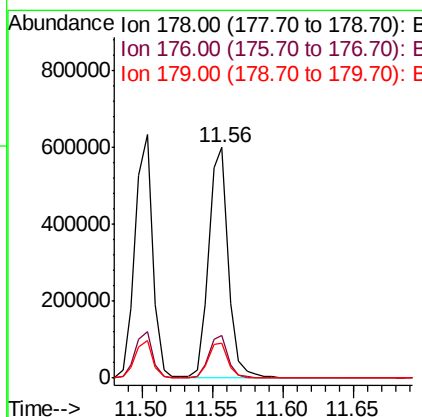
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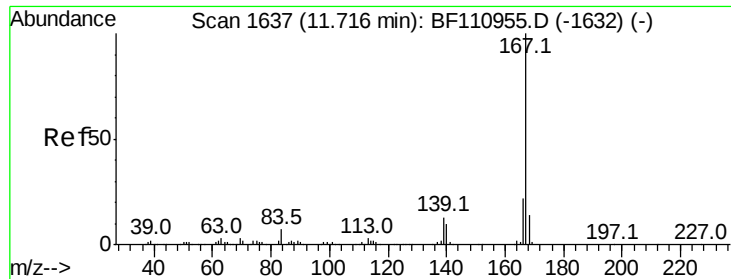
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#72
Anthracene
Concen: 44.130 ng
RT: 11.56 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.1	12.6	18.8





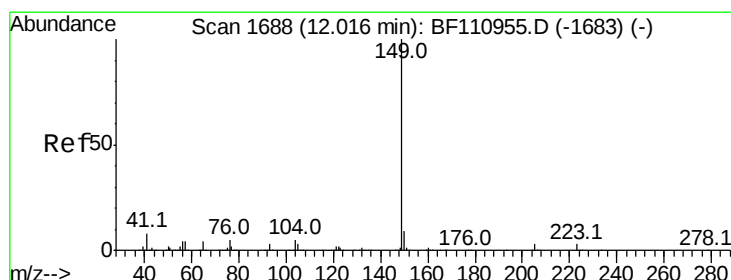
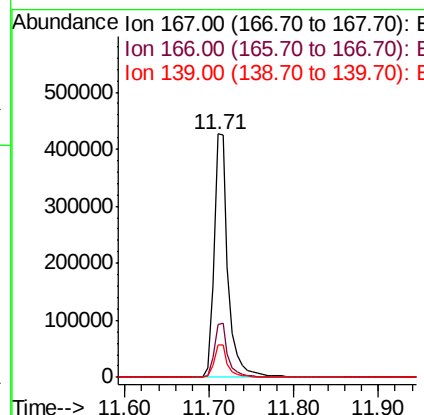
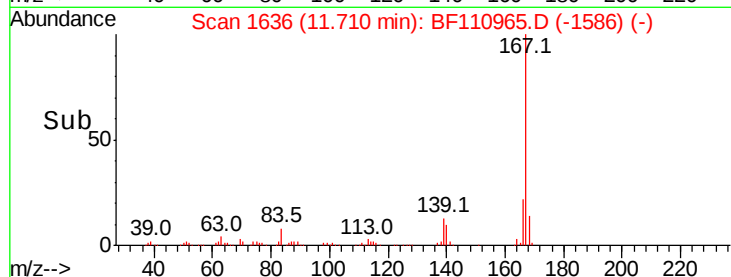
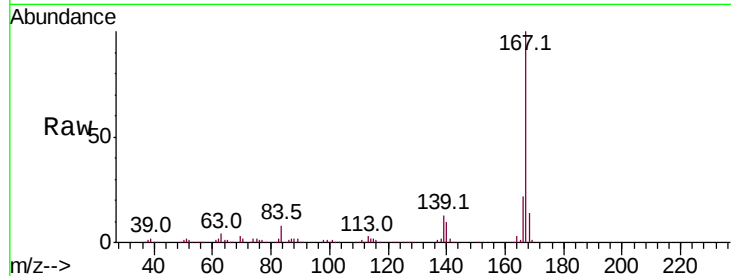
#73
 Carbazole
 Concen: 39.466 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110965.D
 Acq: 26 Nov 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB115043BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.4	10.9	16.3

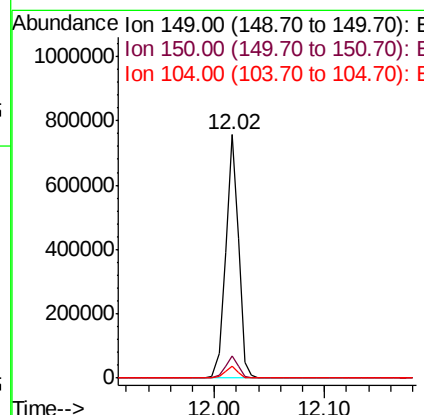
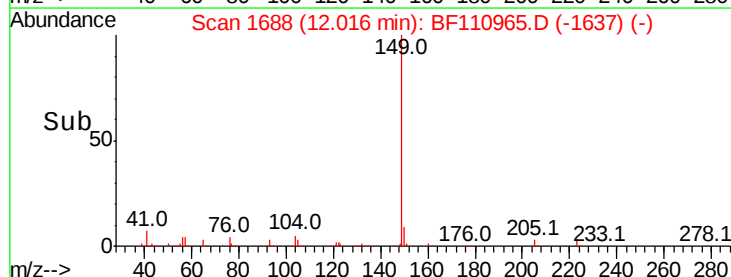
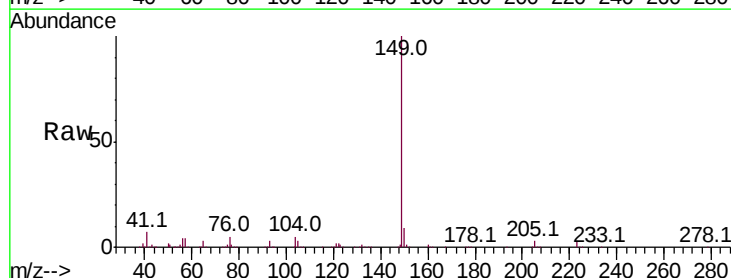
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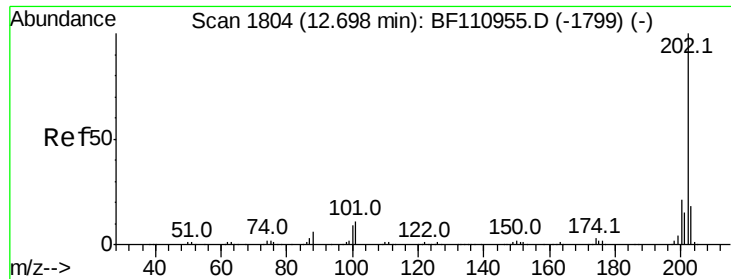
mohammad
 11/27/2018 11:47:33 AM



#74
 Di-n-butylphthalate
 Concen: 41.177 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BF110965.D
 Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.0	4.2	6.4





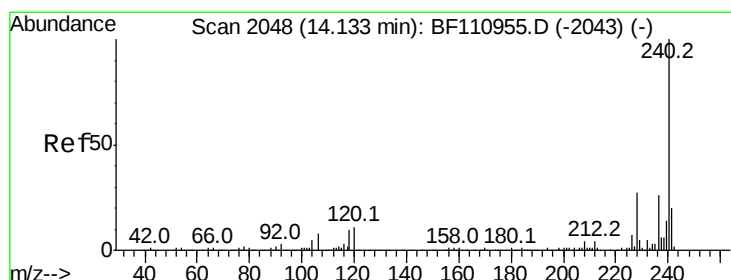
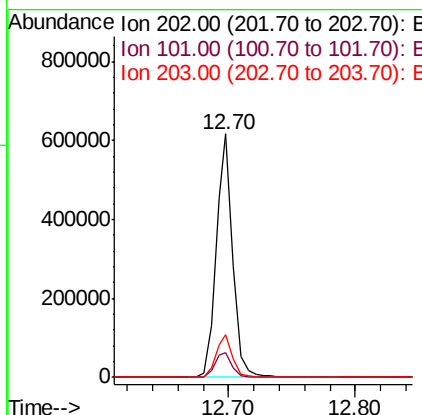
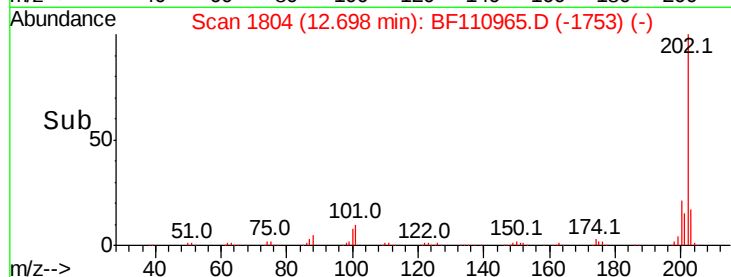
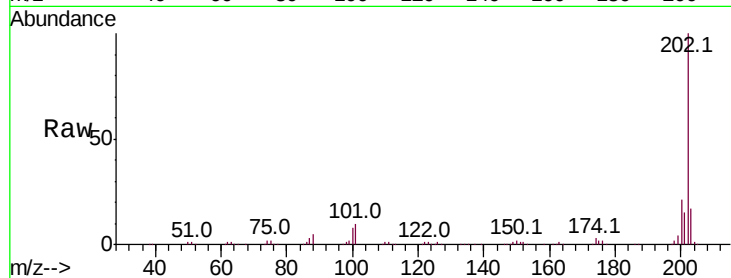
#75
Fluoranthene
 Concen: 42.553 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF110965.D
 Acq: 26 Nov 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB115043BS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.1	0.0	31.4
203	17.4	0.0	37.7

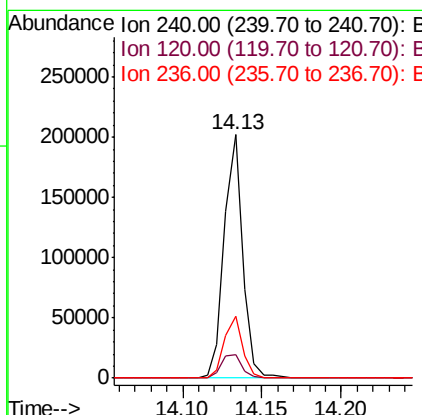
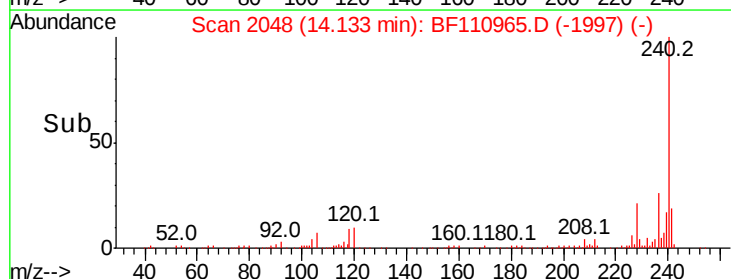
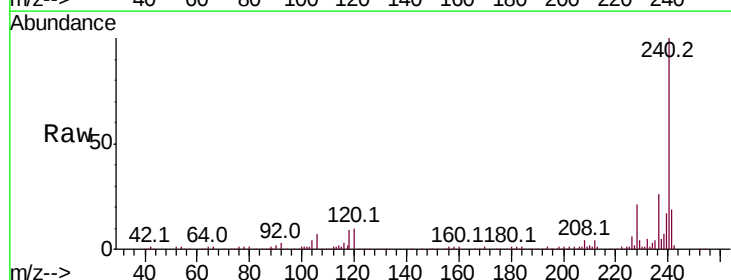
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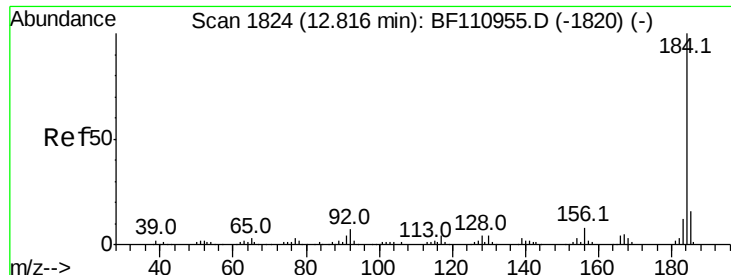
mohammad
 11/27/2018 11:47:33 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BF110965.D
 Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.7	8.3	12.5
236	25.6	21.2	31.8





#77

Benzidine

Concen: 43.007 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

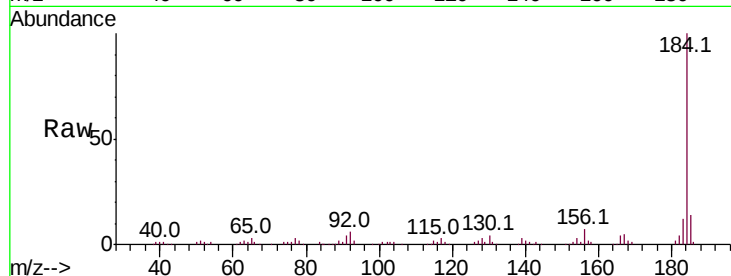
ClientSampleId :

PB115043BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.6	13.4	20.2	
183	11.6	9.4	14.2	

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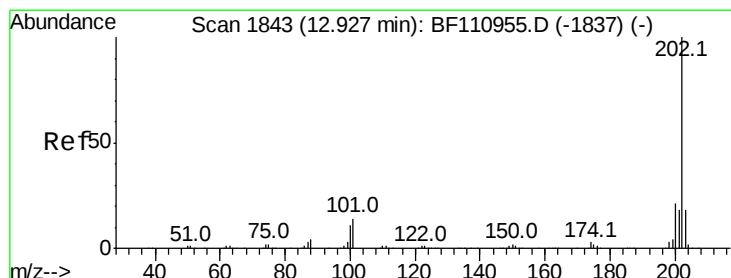
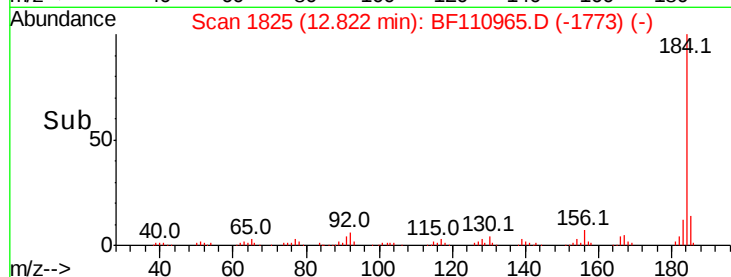
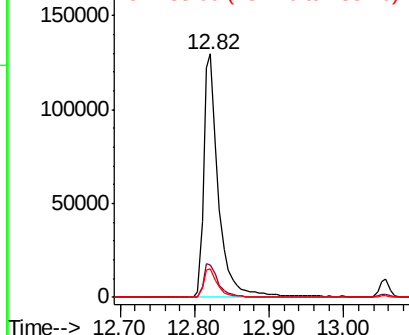


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.273 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

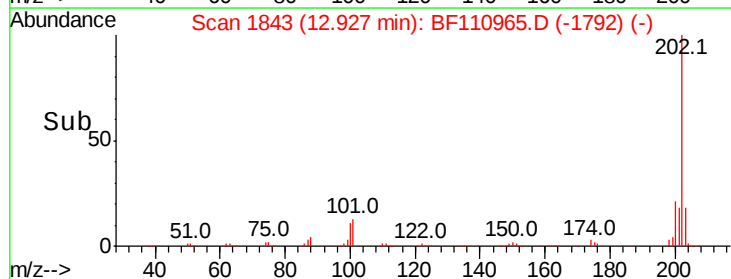
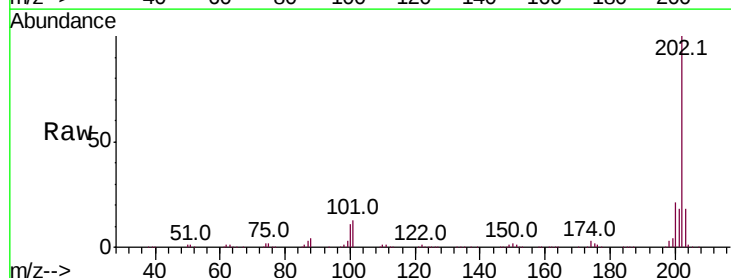
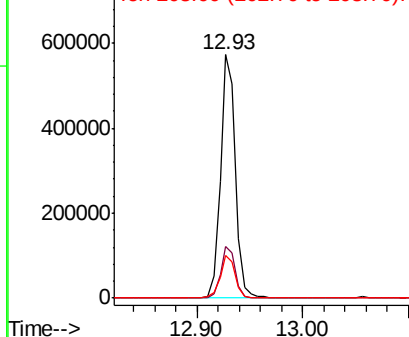
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.0	17.8	26.6	
203	17.6	14.2	21.4	

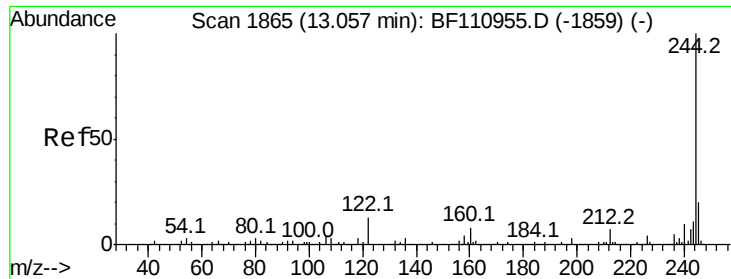
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.631 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

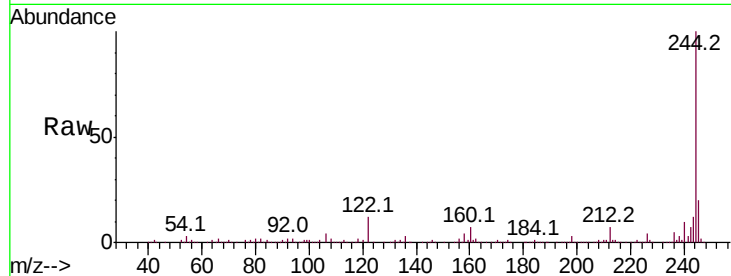
ClientSampleId :

PB115043BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	11.7	8.7	13.1

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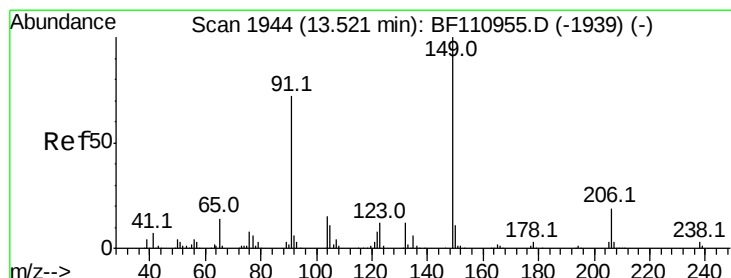
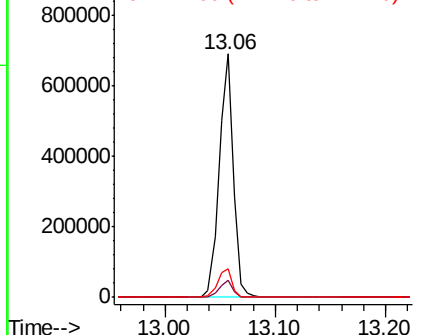
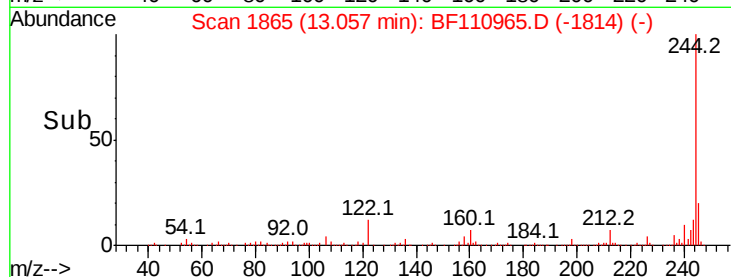


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.236 ng

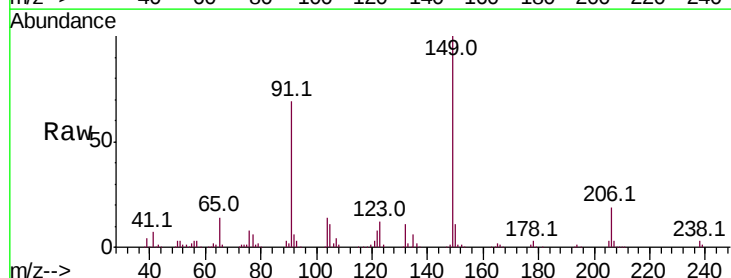
RT: 13.52 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	57.2	85.8
206	19.2	15.7	23.5

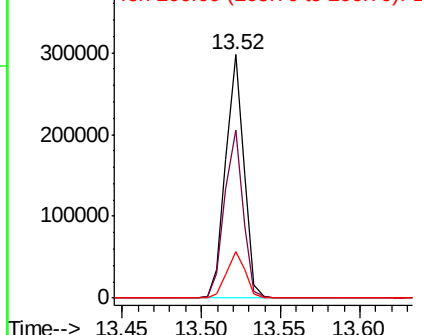
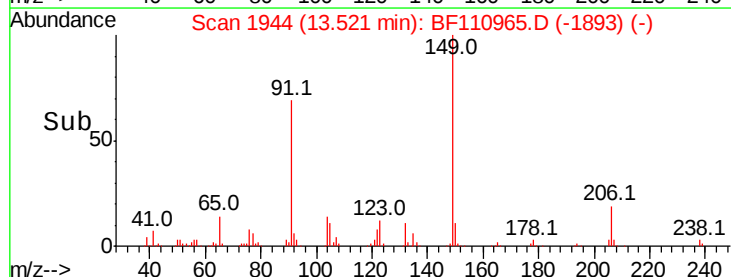


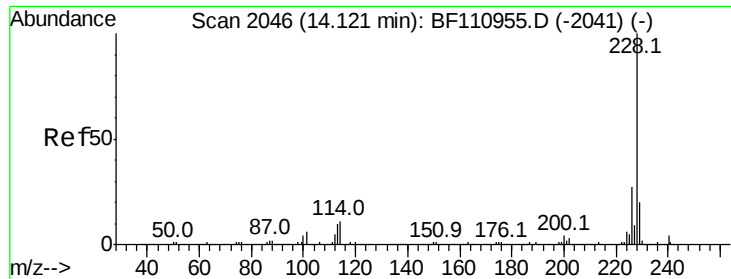
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





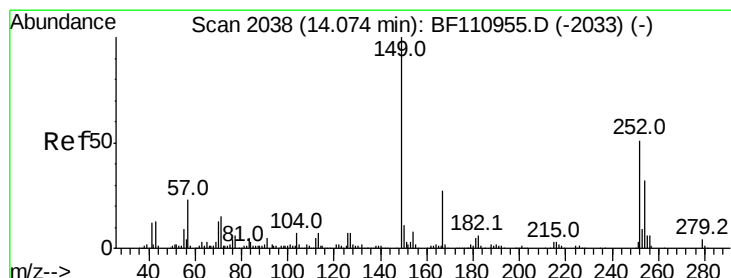
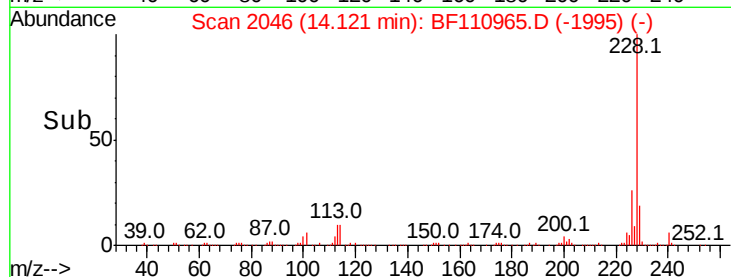
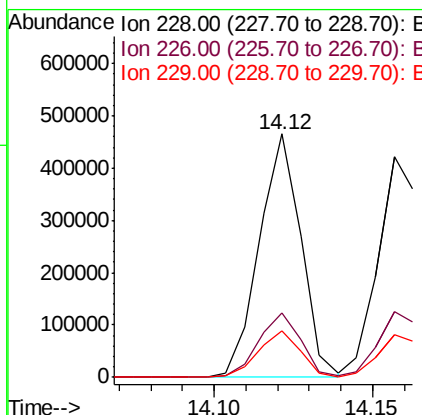
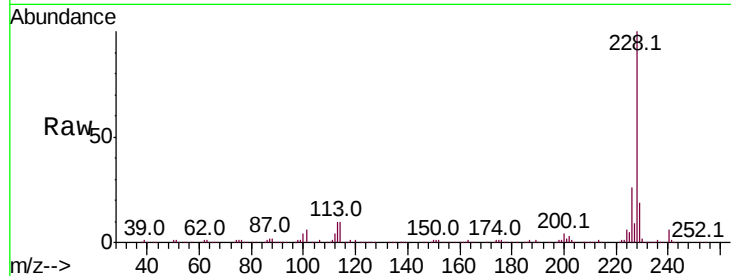
#81
Benzo(a)anthracene
Concen: 43.849 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.1	33.1
229	19.3	15.6	23.4

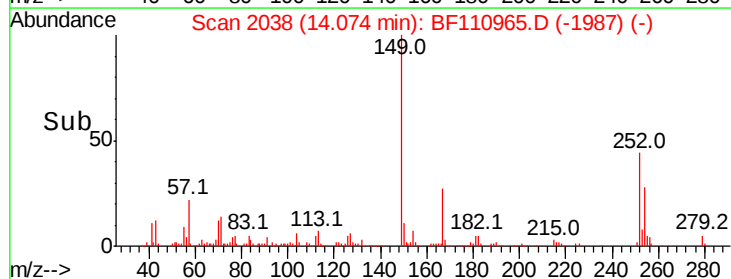
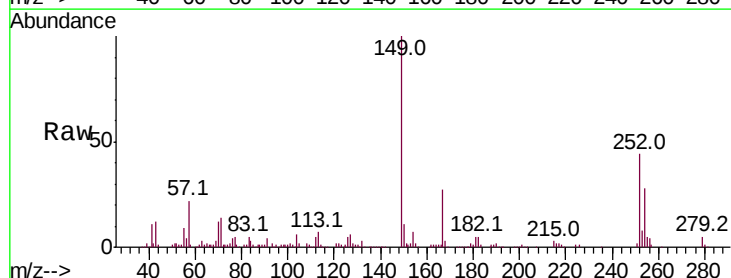
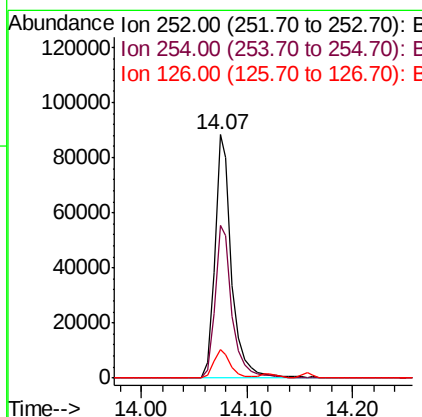
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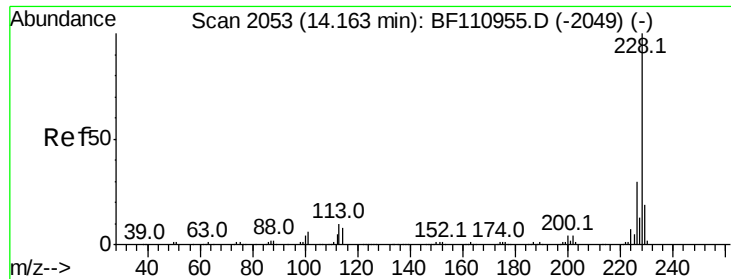
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 29.881 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.3	76.9
126	11.9	9.4	14.2





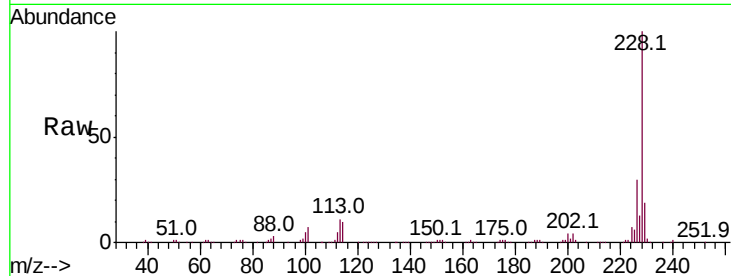
#83
Chrysene
Concen: 42.819 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.7	37.1
229	19.2	15.9	23.9

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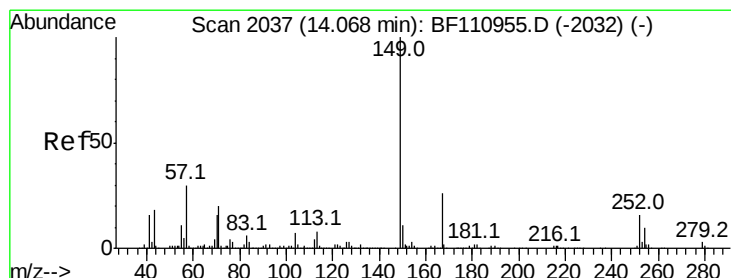
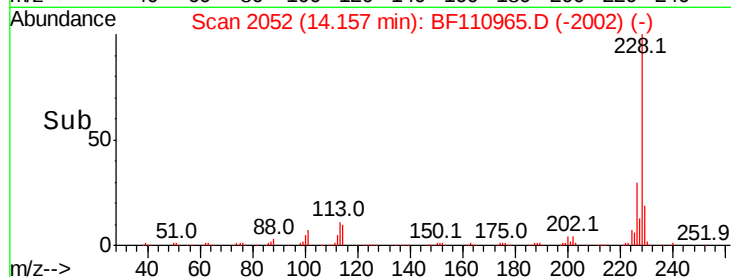
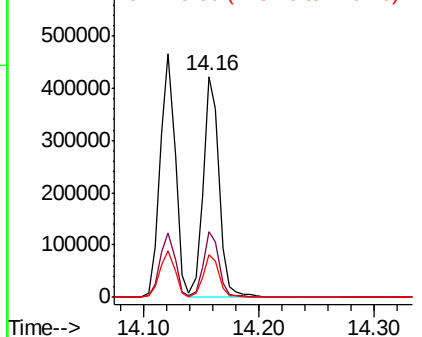


Abundance

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: 42.034 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

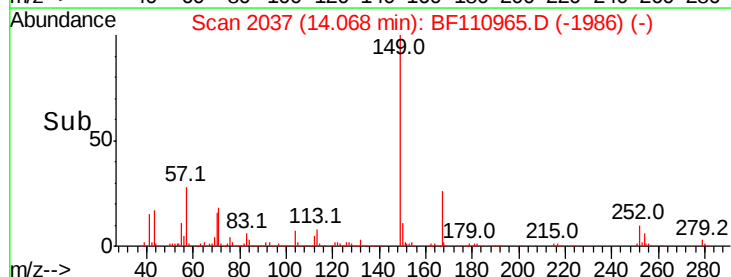
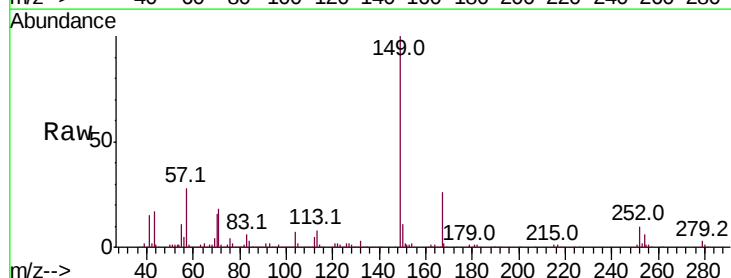
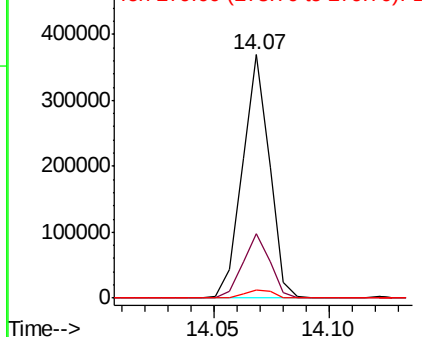
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	19.8	29.8
279	3.5	2.7	4.1

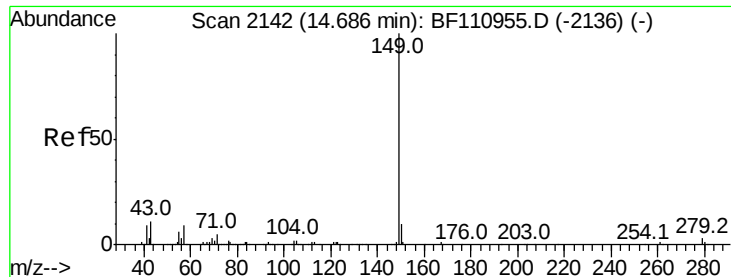
Abundance

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: 40.136 ng

RT: 14.69 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

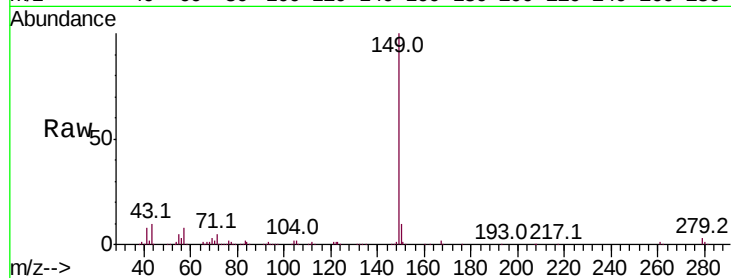
ClientSampleId :

PB115043BS

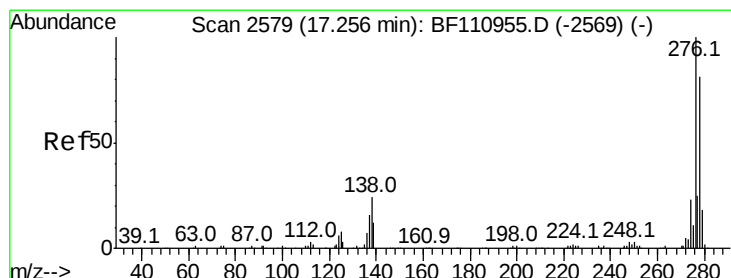
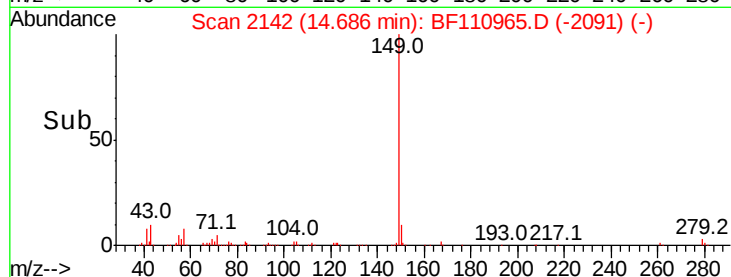
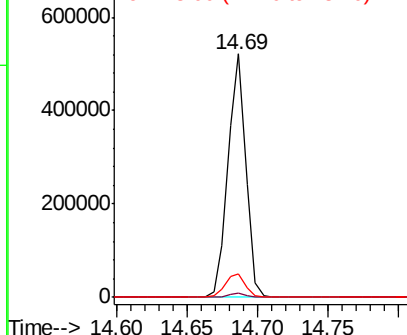
Tot Ion:	149	Resp:	456408
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	10.5	7.8	11.8

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.057 ng

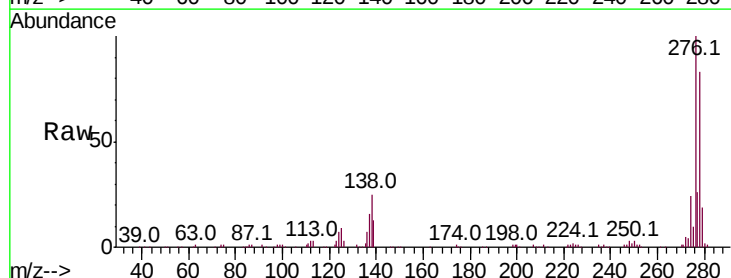
RT: 17.25 min Scan# 2578

Delta R.T. -0.01 min

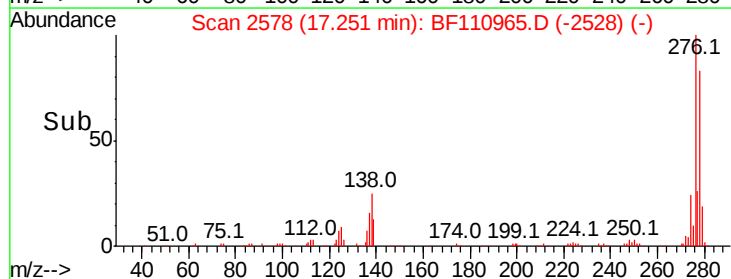
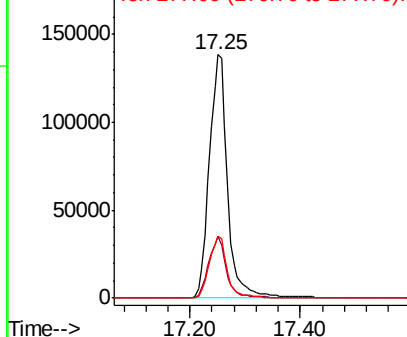
Lab File: BF110965.D

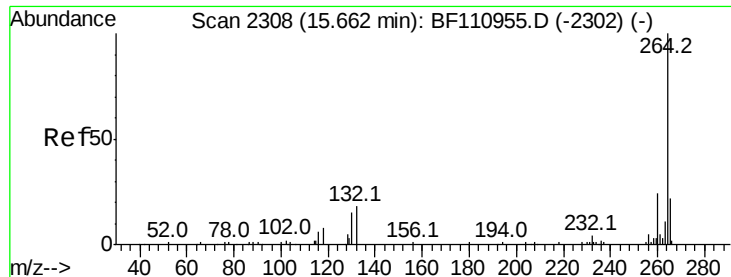
Acq: 26 Nov 2018 15:54

Tgt Ion:	276	Resp:	315023
Ion Ratio	Lower	Upper	
276	100		
138	24.6	18.5	27.7
277	24.9	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: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

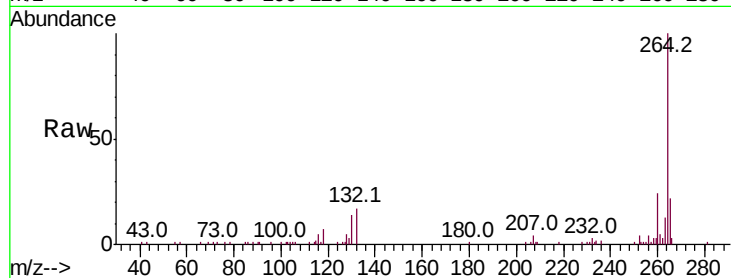
ClientSampleId :

PB115043BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.6	16.7	25.1

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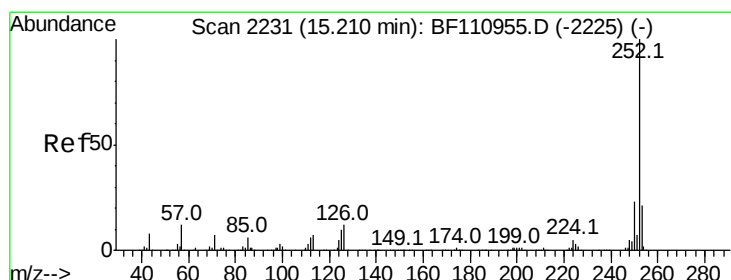
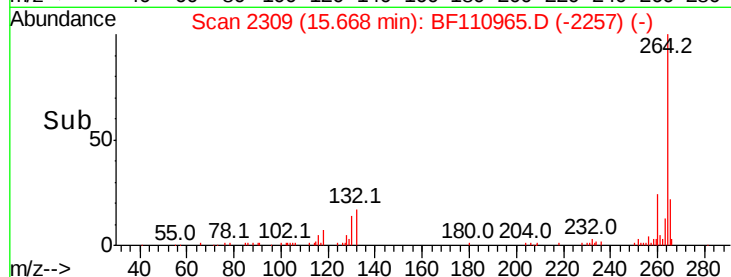
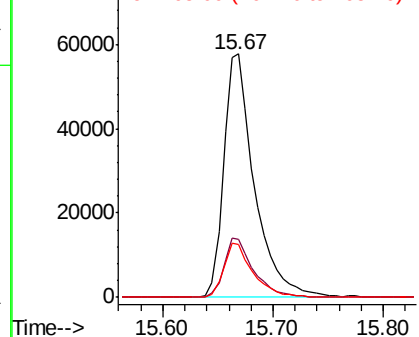


Abundance

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: 48.364 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

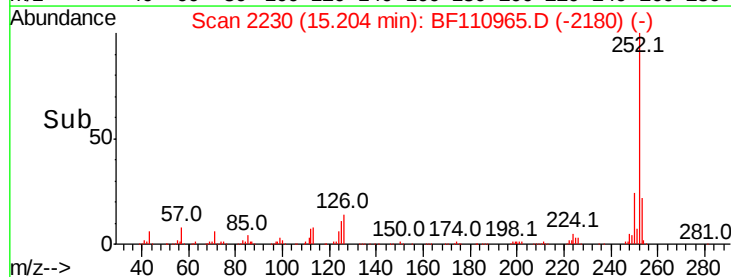
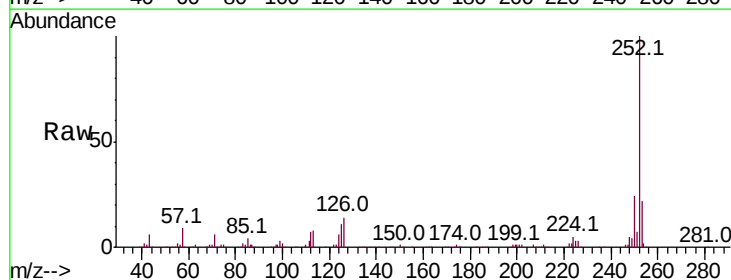
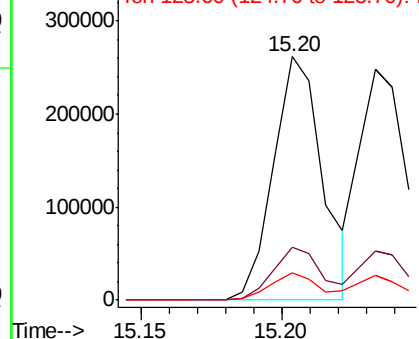
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.2	8.2	12.4

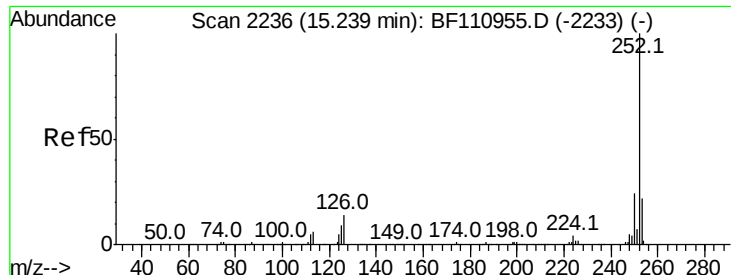
Abundance

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: 45.610 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Instrument :

BNA_F

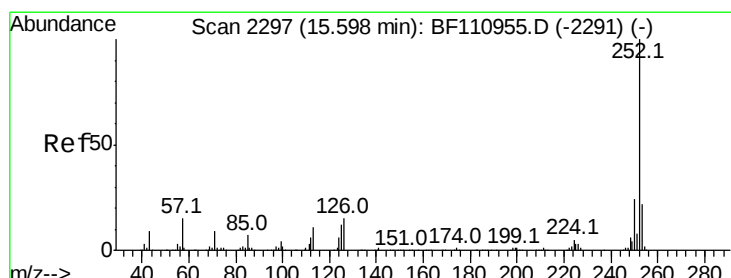
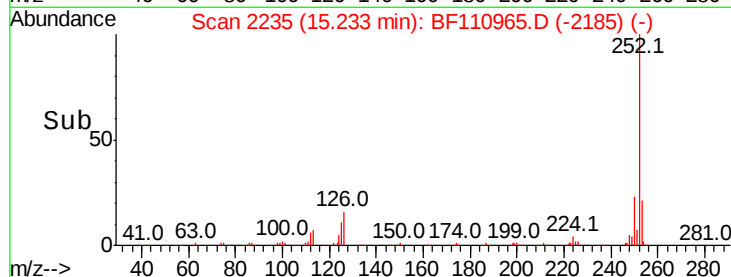
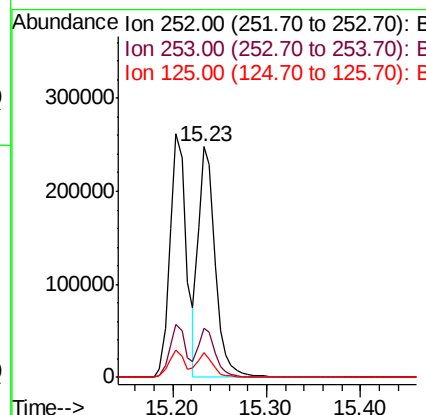
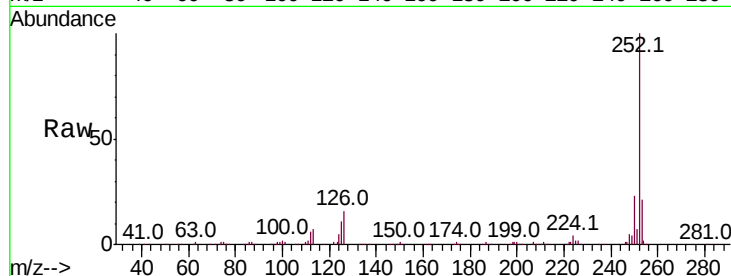
ClientSampleId :

PB115043BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.2	25.8
125	10.5	7.4	11.0

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#90

Benzo(a)pyrene

Concen: 47.392 ng

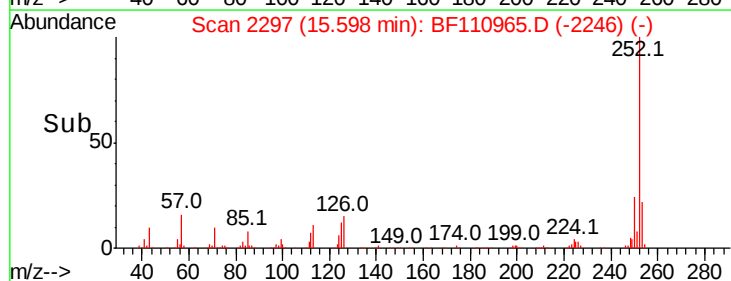
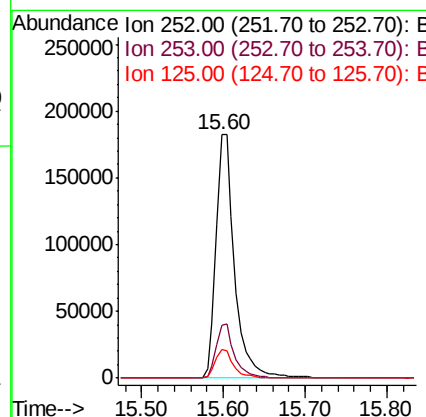
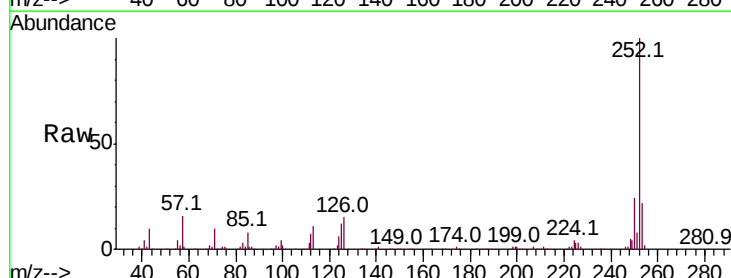
RT: 15.60 min Scan# 2297

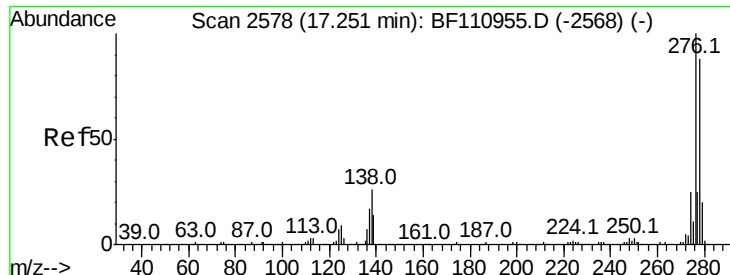
Delta R.T. 0.00 min

Lab File: BF110965.D

Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	12.0	9.0	13.6





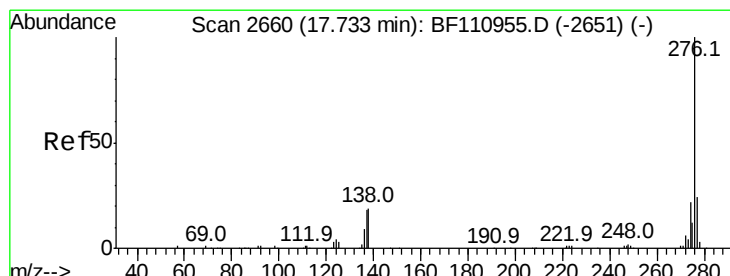
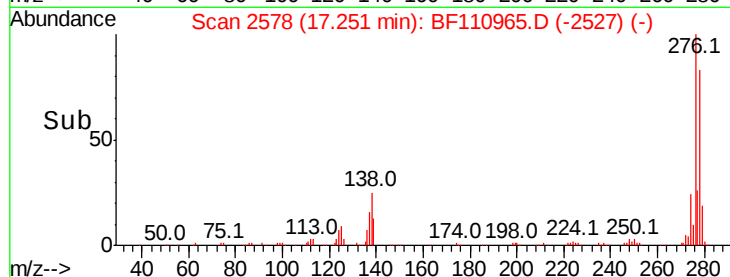
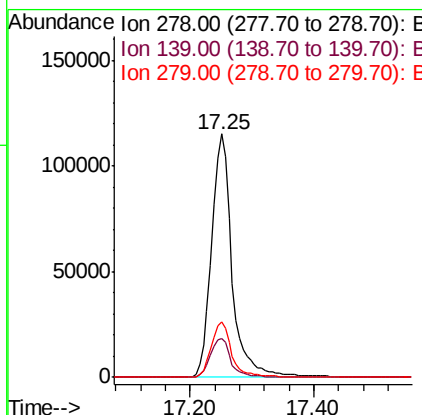
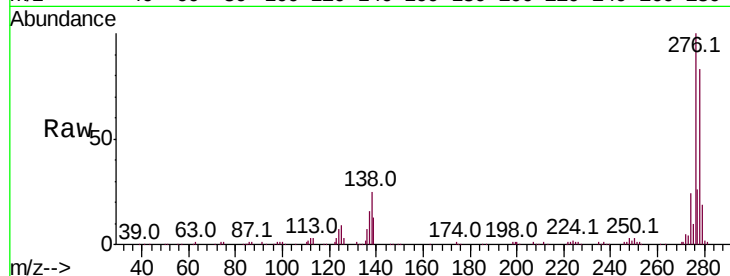
#91
Dibenzo(a,h)anthracene
Concen: 52.545 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Instrument :
BNA_F
ClientSampleId :
PB115043BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	22.9	19.0	28.4

Manual Integrations
APPROVED

mohammad
11/27/2018 11:47:33 AM



#92
Benzo(g,h,i)perylene
Concen: 53.969 ng
RT: 17.73 min Scan# 2660
Delta R.T. 0.00 min
Lab File: BF110965.D
Acq: 26 Nov 2018 15:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	20.2	16.0	24.0

