

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110962.D
 Acq On : 26 Nov 2018 14:31
 Operator : JU/SJ
 Sample : PB115000BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115000BS

Manual Integrations
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mohammad
 11/27/2018 11:47:31 AM

Quant Time: Nov 26 15:37:18 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	64052	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	269760	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	127890	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	242871	20.00	ng	0.00
76) Chrysene-d12	14.13	240	166744	20.00	ng	0.00
87) Perylene-d12	15.67	264	111274	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	488117	126.37	ng	0.02
7) Phenol-d6	6.57	99	599959	119.19	ng	0.00
23) Nitrobenzene-d5	7.50	82	301975	64.07	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	153729	121.03	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	578217	65.50	ng	0.00
79) Terphenyl-d14	13.06	244	610305	71.25	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.88	88	60210	32.538	ng	88
3) Pyridine	3.65	79	154085	38.026	ng	# 82
4) n-Nitrosodimethylamine	3.61	42	82335	44.406	ng	88
6) Aniline	6.60	93	196843	31.634	ng	# 56
8) 2-Chlorophenol	6.72	128	185888	40.609	ng	96
9) Benzaldehyde	6.50	77	80792	27.562	ng	98
10) Phenol	6.58	94	229229	40.438	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	166338	38.950	ng	90
12) 1,3-Dichlorobenzene	6.87	146	190851	37.952	ng	98
13) 1,4-Dichlorobenzene	6.95	146	196319	37.963	ng	98
14) 1,2-Dichlorobenzene	7.10	146	184118	37.829	ng	98
15) Benzyl Alcohol	7.08	79	155867	40.294	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	260322	38.303	ng	86
17) 2-Methylphenol	7.19	107	147984	40.660	ng	# 84
18) Hexachloroethane	7.44	117	73210	38.486	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	126707	38.645	ng	94
20) 3+4-Methylphenols	7.35	107	189738m	39.218	ng	
22) Acetophenone	7.35	105	256438	40.556	ng	# 94
24) Nitrobenzene	7.52	77	194654	39.711	ng	97
25) Isophorone	7.76	82	344306	44.531	ng	97
26) 2-Nitrophenol	7.84	139	99880	41.941	ng	97
27) 2,4-Dimethylphenol	7.87	122	167417	46.552	ng	100
28) bis(2-Chloroethoxy)methane	7.96	93	215185	41.543	ng	99
29) 2,4-Dichlorophenol	8.08	162	157010	41.721	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	166442	39.465	ng	96
31) Naphthalene	8.24	128	539487	42.664	ng	100
32) Benzoic acid	8.02	122	90320	33.779	ng	95
33) 4-Chloroaniline	8.30	127	141191	26.233	ng	97
34) Hexachlorobutadiene	8.35	225	91583	38.126	ng	99
35) Caprolactam	8.67	113	53143m	41.363	ng	
36) 4-Chloro-3-methylphenol	8.78	107	168871	40.386	ng	97
37) 2-Methylnaphthalene	8.93	142	368207	44.085	ng	99
38) 1-Methylnaphthalene	9.03	142	346688	42.674	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	157524	39.155	ng	98

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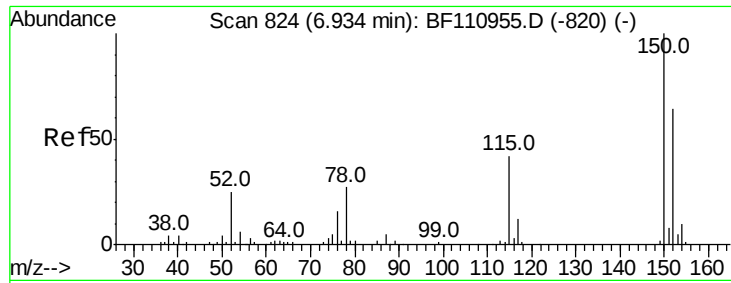
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	57618	79.226	nq	98
43) 2,4,6-Trichlorophenol	9.22	196	100292	41.740	nq	96
44) 2,4,5-Trichlorophenol	9.26	196	105295	41.618	nq	92
46) 1,1'-Biphenyl	9.40	154	449217	38.099	nq	99
47) 2-Chloronaphthalene	9.43	162	344158	40.257	nq	99
48) 2-Nitroaniline	9.53	65	108766	40.676	nq	94
49) Acenaphthylene	9.85	152	530524	43.642	nq	100
50) Dimethylphthalate	9.69	163	379435	40.454	nq	99
51) 2,6-Dinitrotoluene	9.77	165	86096	41.232	nq #	87
52) Acenaphthene	10.02	154	319678	41.021	nq	98
53) 3-Nitroaniline	9.95	138	69382	28.509	nq	95
54) 2,4-Dinitrophenol	10.07	184	55978	76.069	nq	94
55) Dibenzofuran	10.19	168	454845	40.007	nq	99
56) 4-Nitrophenol	10.12	139	101342	75.177	nq	96
57) 2,4-Dinitrotoluene	10.19	165	112363	41.476	nq #	88
58) Fluorene	10.53	166	381115	43.086	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	91210	43.928	nq	94
60) Diethylphthalate	10.39	149	386981	40.009	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	179681	38.836	nq	98
62) 4-Nitroaniline	10.57	138	87956	38.816	nq	98
63) Azobenzene	10.68	77	375073	39.784	nq	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	45160	39.308	nq	98
66) n-Nitrosodiphenylamine	10.64	169	324702	40.161	nq	95
67) 4-Bromophenyl-phenylether	11.01	248	104449	39.488	nq	96
68) Hexachlorobenzene	11.09	284	111665	39.635	nq	98
69) Atrazine	11.16	200	102936	55.154	nq	99
70) Pentachlorophenol	11.29	266	84413	75.309	nq	97
71) Phenanthrene	11.50	178	554833	43.134	nq	99
72) Anthracene	11.56	178	573147	43.752	nq	99
73) Carbazole	11.72	167	496831	39.075	nq	99
74) Di-n-butylphthalate	12.02	149	613483	41.267	nq	98
75) Fluoranthene	12.70	202	563584	42.629	nq	98
77) Benzidine	12.82	184	186166	43.650	nq	96
78) Pyrene	12.93	202	564743	46.372	nq	98
80) Butylbenzylphthalate	13.52	149	241133	43.855	nq	98
81) Benzo(a)anthracene	14.12	228	430033	43.683	nq	100
82) 3,3'-Dichlorobenzidine	14.07	252	104911	31.080	nq	99
83) Chrysene	14.16	228	413337	42.652	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	306312	41.809	nq	97
85) Di-n-octyl phthalate	14.69	149	458509	39.646	nq	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	308627	44.368	nq	98
88) Benzo(b)fluoranthene	15.20	252	316532	48.422	nq	99
89) Benzo(k)fluoranthene	15.23	252	305024	45.334	nq	98
90) Benzo(a)pyrene	15.60	252	290515	47.745	nq	98
91) Dibenzo(a,h)anthracene	17.25	278	259468	51.683	nq	98
92) Benzo(g,h,i)perylene	17.73	276	257821	53.262	nq	99

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



#1

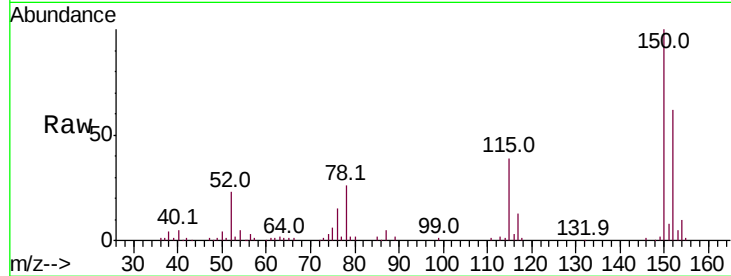
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	122.7	184.1
115	63.6	49.1	73.7

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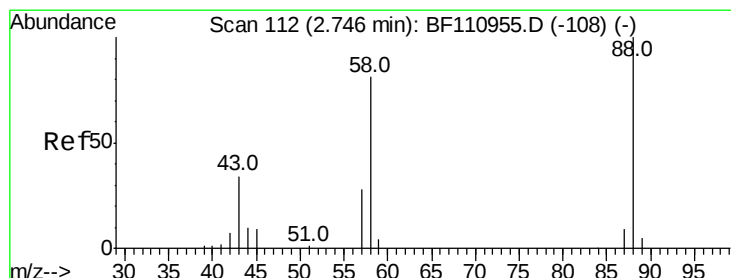
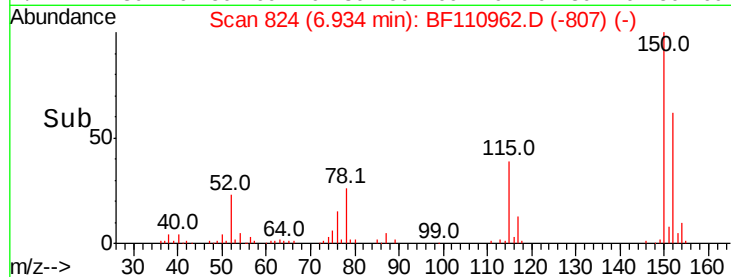
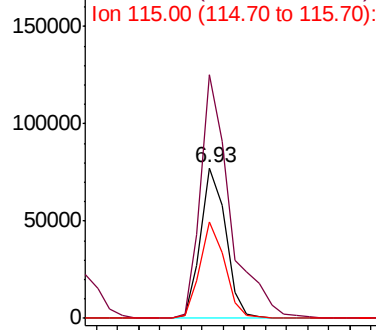


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

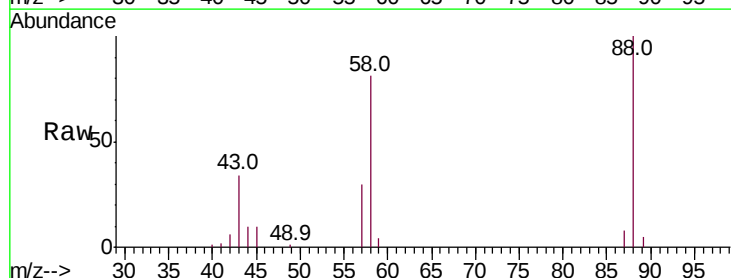
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.538 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.13 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.9	57.1	85.7
43	33.5	24.1	36.1

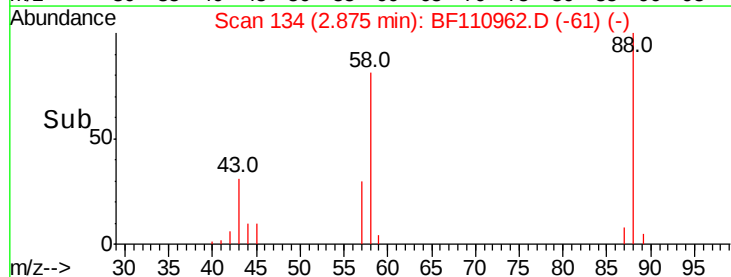
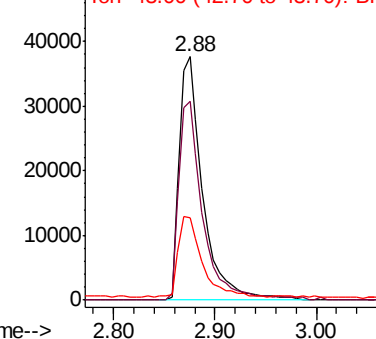


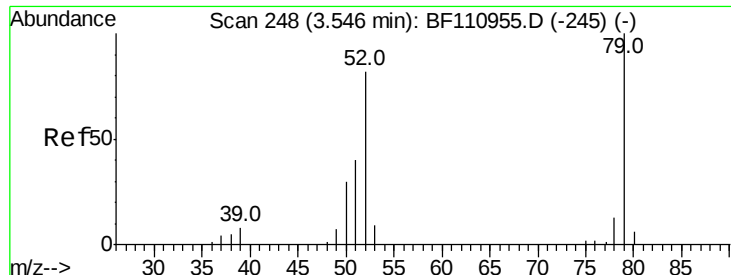
Abundance

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





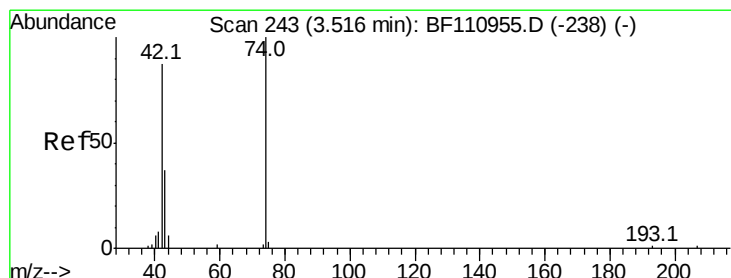
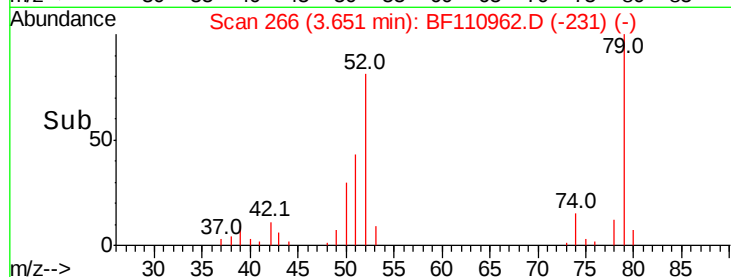
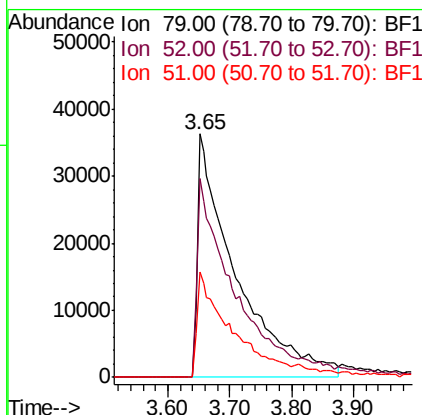
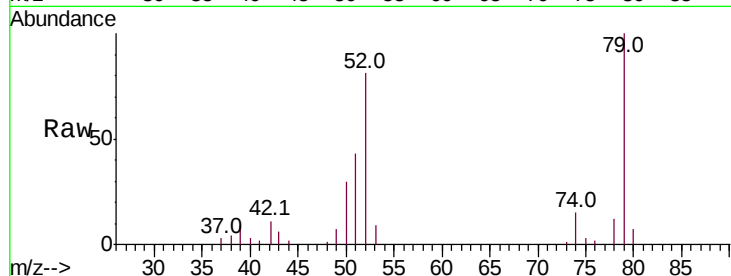
#3
 Pvridine
 Concen: 38.026 ng
 RT: 3.65 min Scan# 266
 Delta R.T. 0.11 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB115000BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	81.5	53.1	79.7#	
51	43.4	27.4	41.2#	

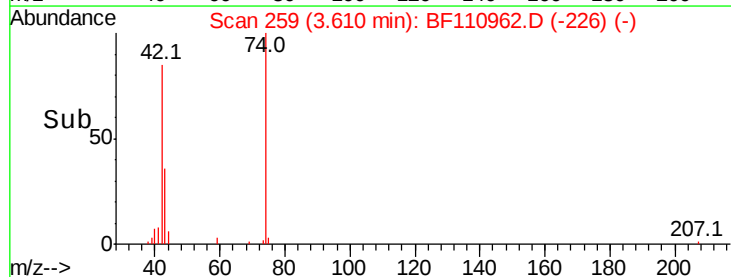
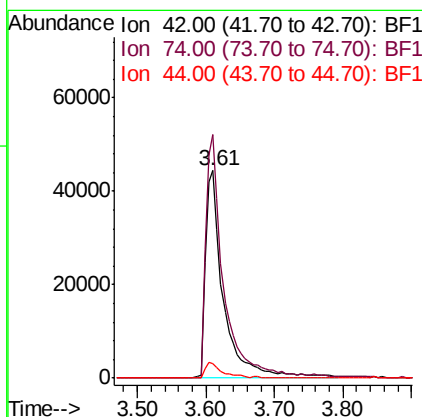
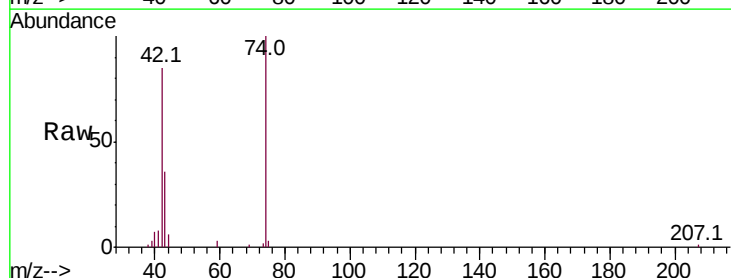
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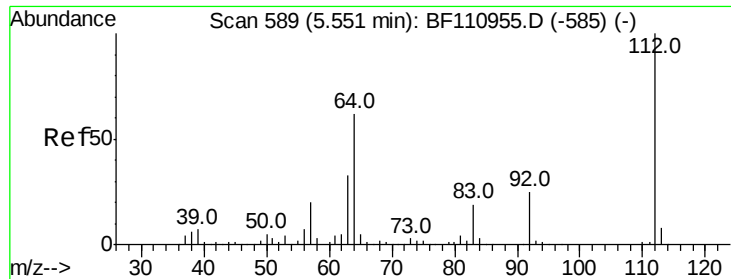
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#4
 n-Nitrosodimethylamine
 Concen: 44.406 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.09 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	117.4	105.5	158.3	
44	7.1	4.9	7.3	





#5

2-Fluorophenol

Concen: 126.374 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.02 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

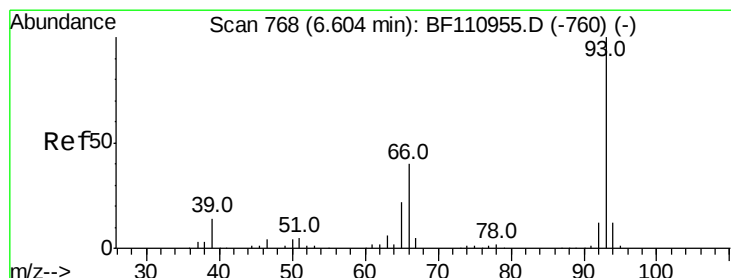
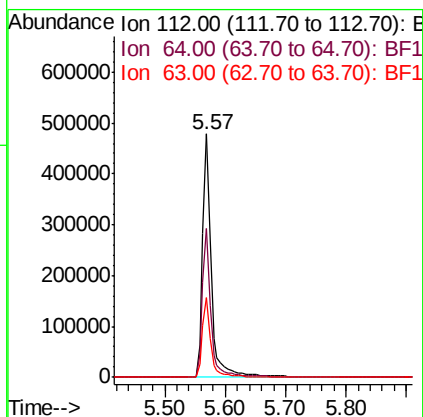
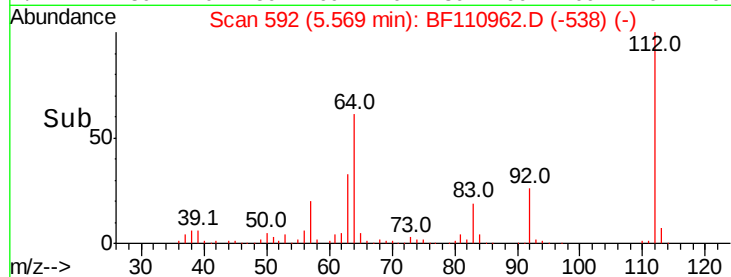
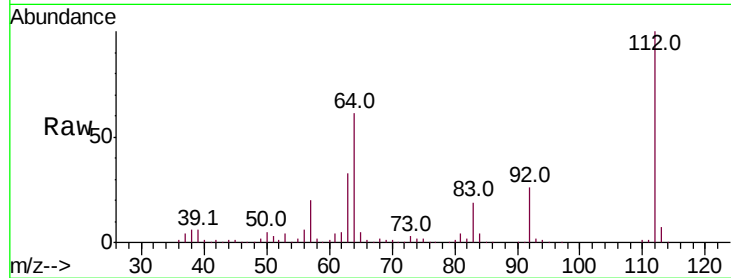
ClientSampleId :

PB115000BS

Tot Ion:	112	Resp:	488117
Ion Ratio	Lower	Upper	
112	100		
64	61.4	44.1	66.1
63	33.0	23.7	35.5

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#6

Aniline

Concen: 31.634 ng

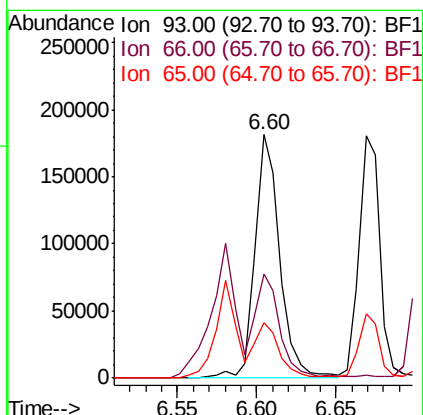
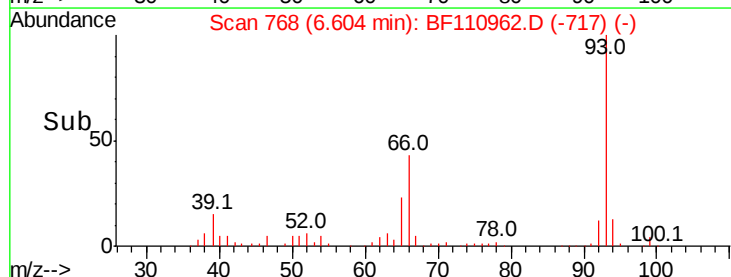
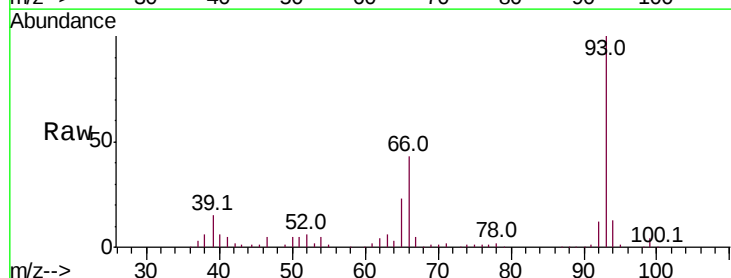
RT: 6.60 min Scan# 768

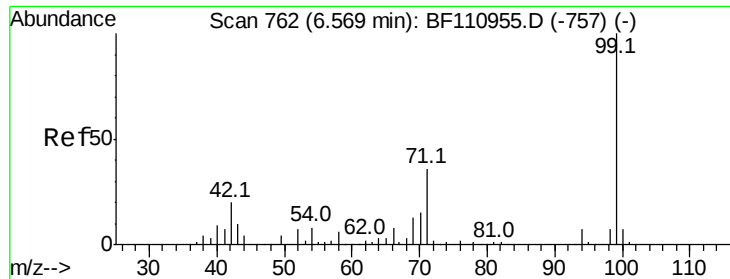
Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Tgt Ion:	93	Resp:	196843
Ion Ratio	Lower	Upper	
93	100		
66	42.5	67.4	101.0#
65	22.9	41.0	61.4#





#7

Phenol-d6

Concen: 119.194 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

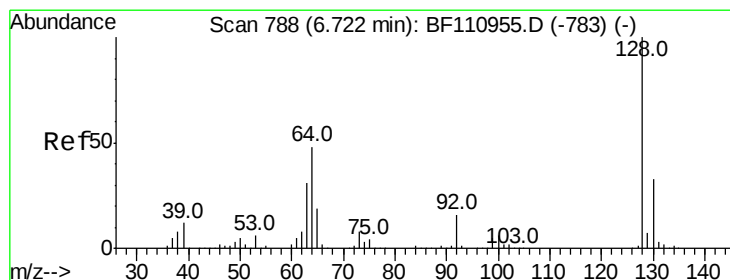
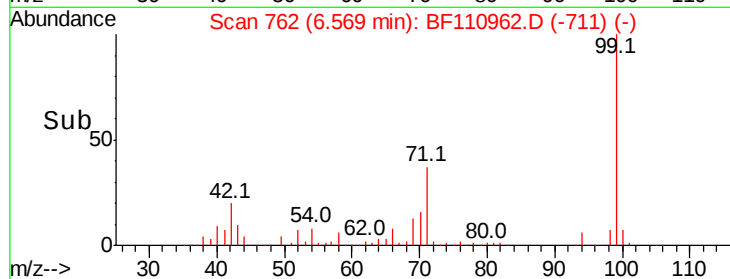
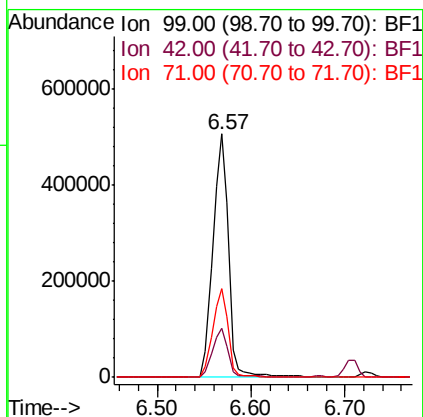
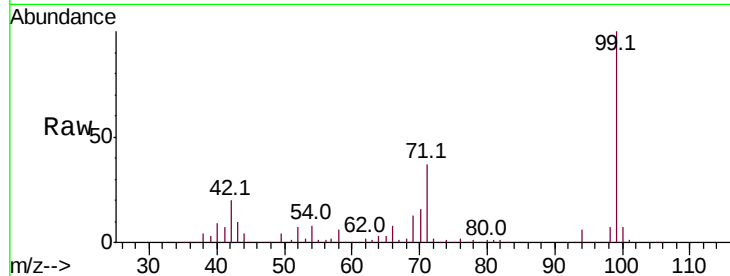
ClientSampleId :

PB115000BS

Tot Ion	99	Resp	599959
Ion Ratio	Lower	Upper	
99	100		
42	20.2	15.8	23.6
71	36.7	28.0	42.0

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#8

2-Chlorophenol

Concen: 40.609 ng

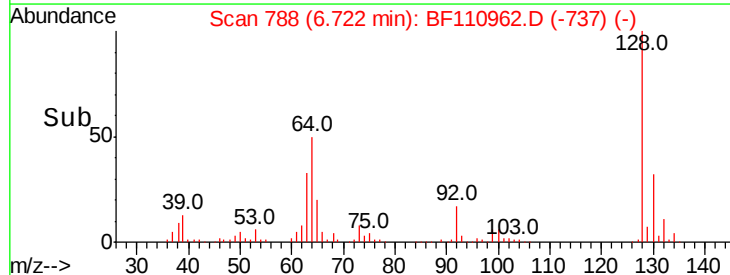
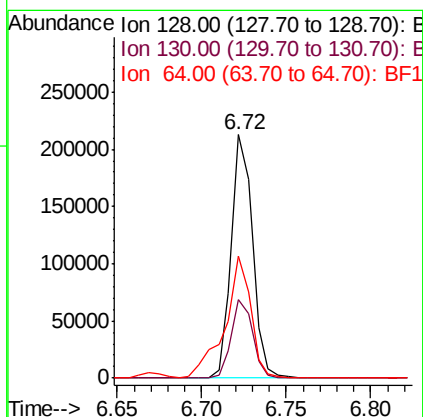
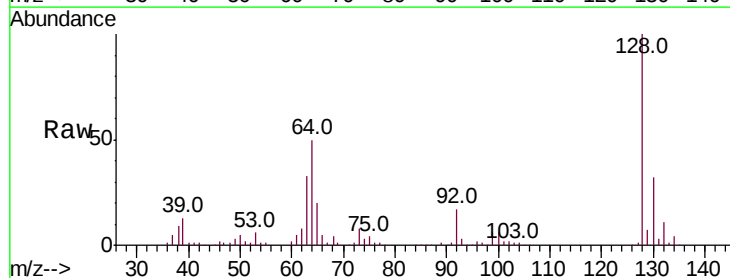
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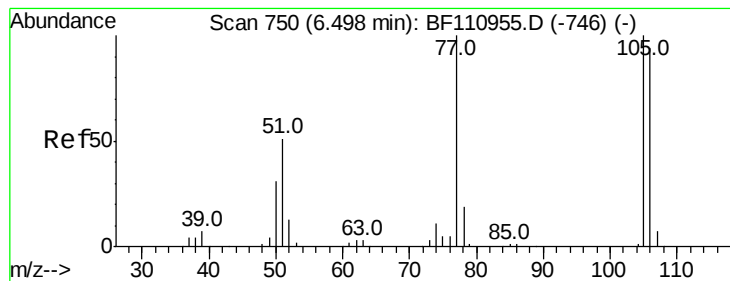
Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Tgt Ion	128	Resp	185888
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.1	53.1
64	49.9	26.0	66.0





#9

Benzaldehyde

Concen: 27.562 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

ClientSampleID :

PB115000BS

Tot Ion: 77 Resp: 80792

Ion Ratio Lower Upper

77 100

105 102.2 78.6 118.6

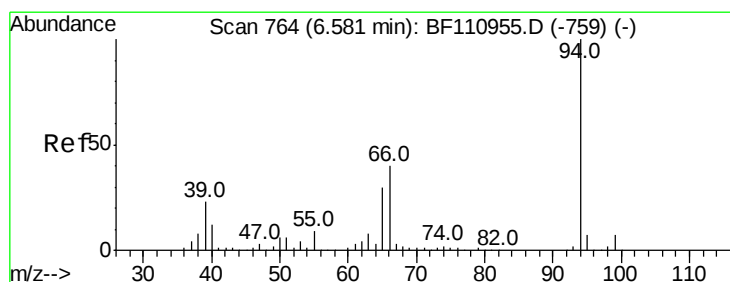
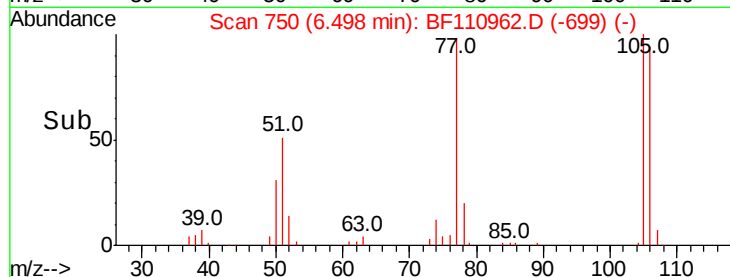
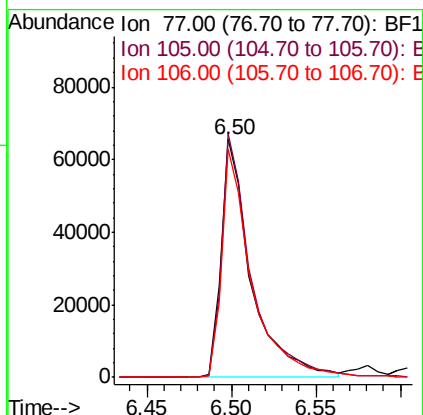
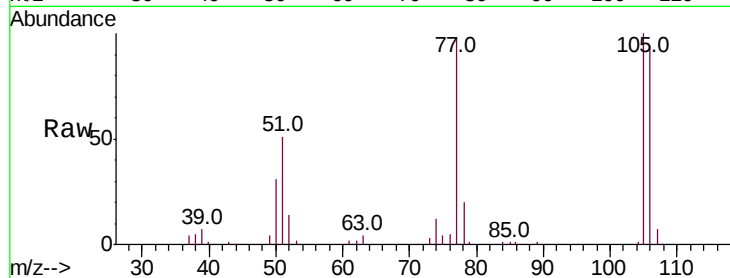
106 95.6 74.8 114.8

Manual Integrations

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#10

Phenol

Concen: 40.438 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

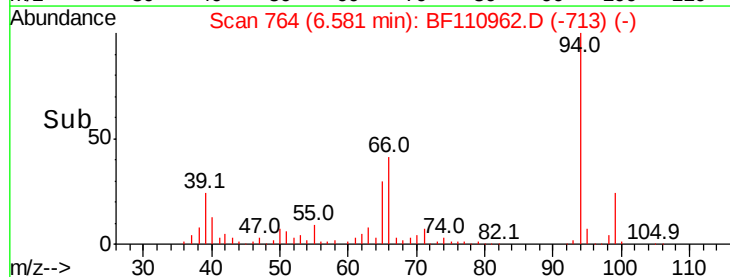
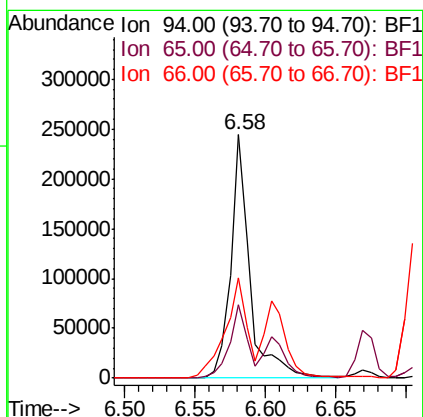
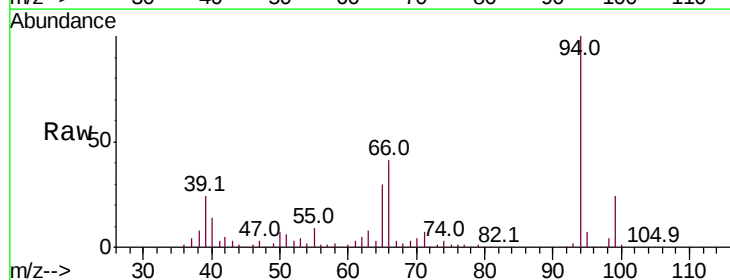
Tgt Ion: 94 Resp: 229229

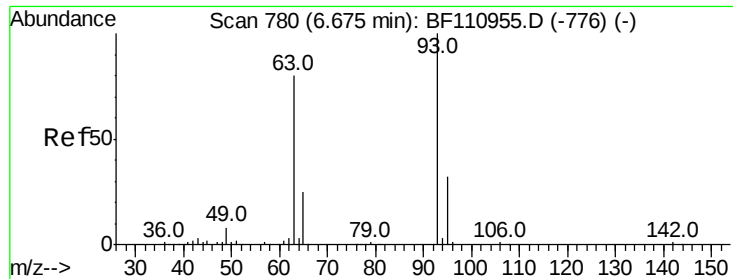
Ion Ratio Lower Upper

94 100

65 29.9 25.3 65.3

66 41.1 54.5 94.5#





#11

bis(2-Chloroethyl)ether

Concen: 38.950 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

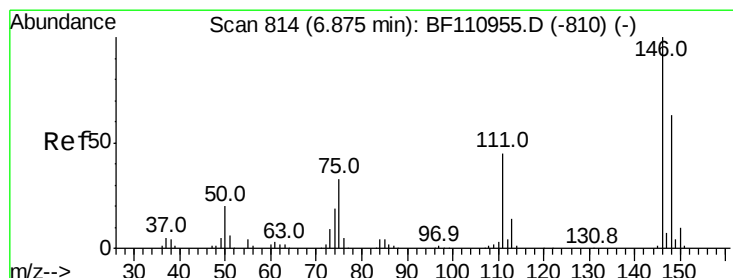
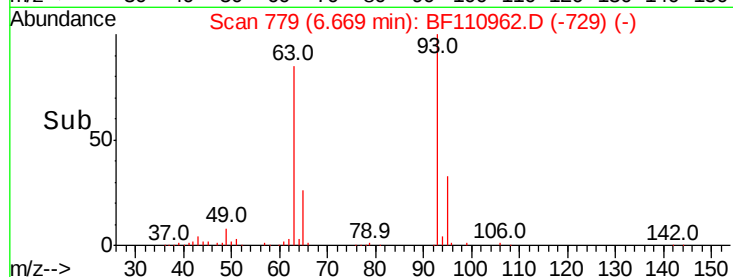
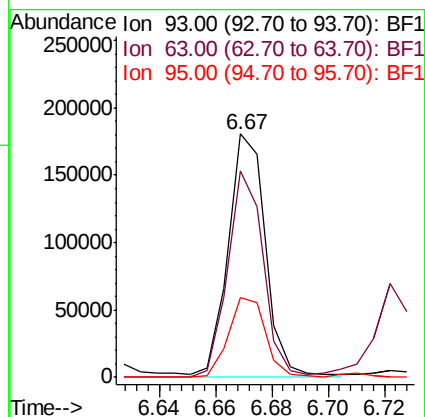
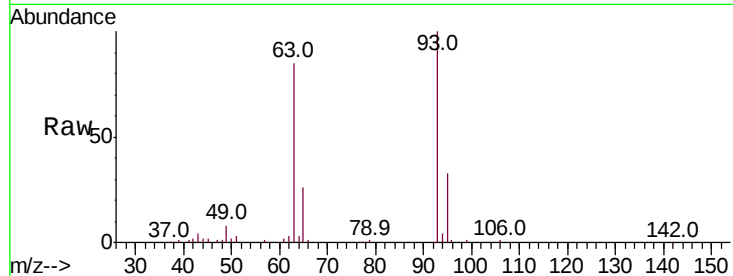
ClientSampleId :

PB115000BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.7	53.4	93.4
95	32.5	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 37.952 ng

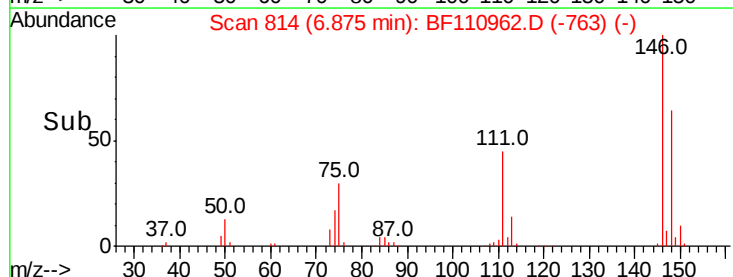
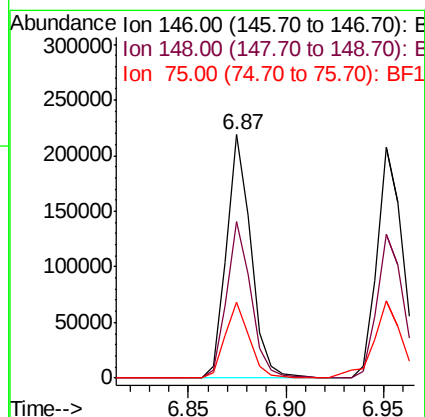
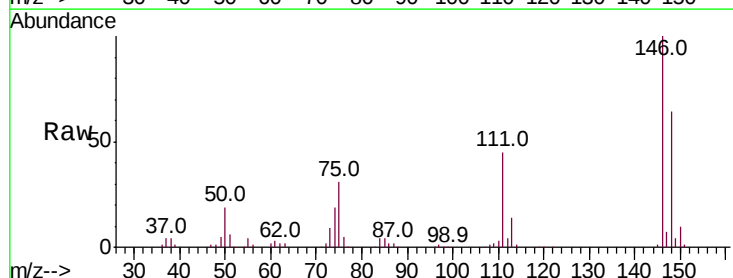
RT: 6.87 min Scan# 814

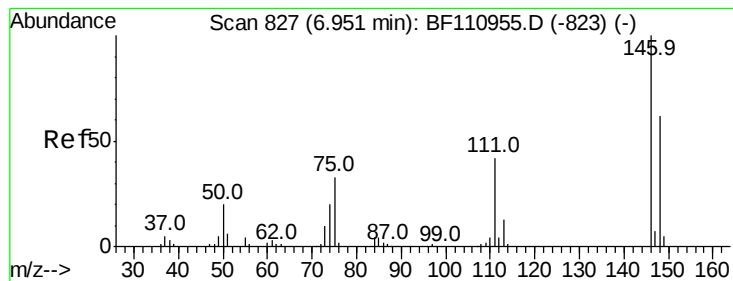
Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
75	30.9	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 37.963 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

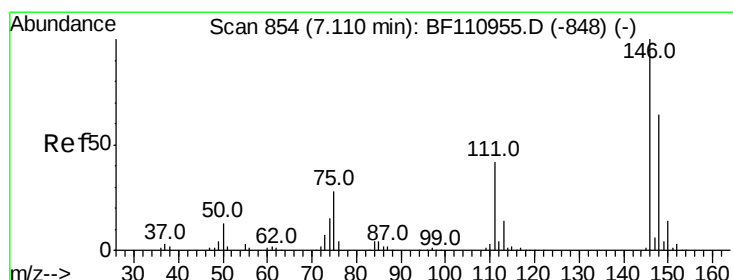
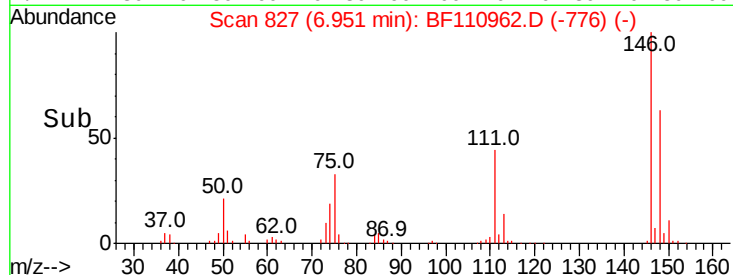
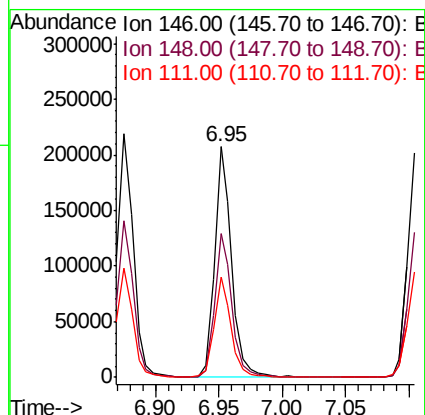
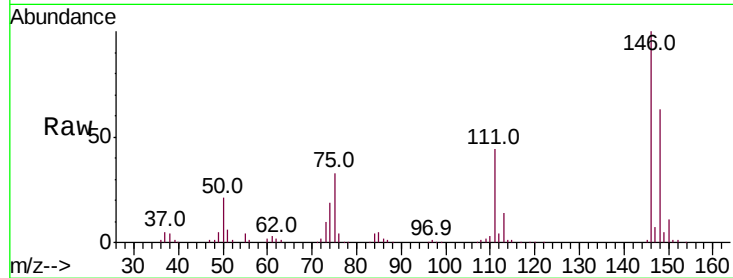
ClientSampled :

PB115000BS

Tot Ion:	146	Resp:	196319
Ion Ratio	Lower	Upper	
146	100		
148	62.5	50.3	75.5
111	43.8	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 37.829 ng

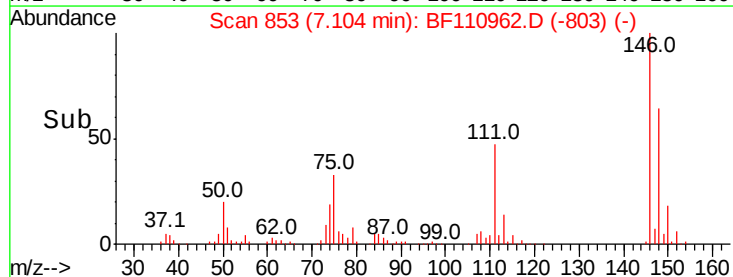
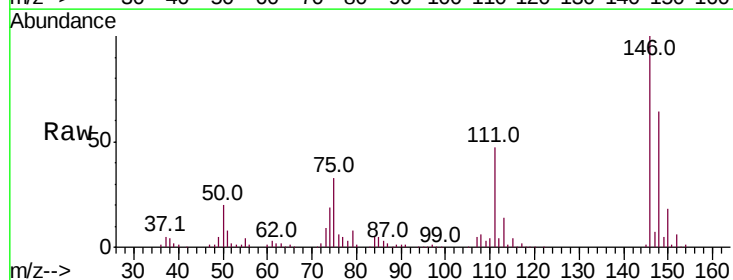
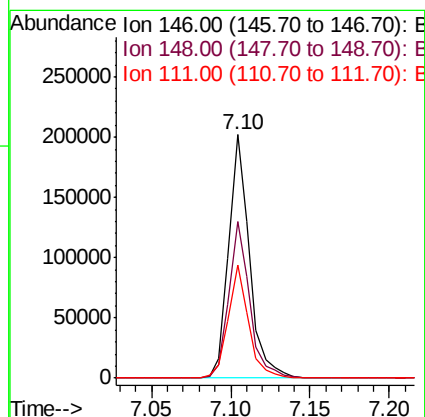
RT: 7.10 min Scan# 853

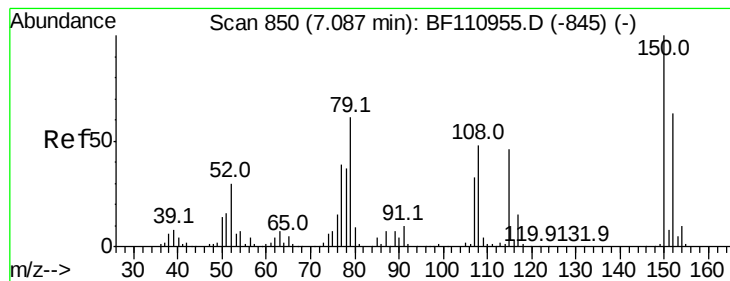
Delta R.T. -0.01 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Tgt Ion:	146	Resp:	184118
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.1	76.7
111	46.6	35.8	53.6





#15

Benzyl Alcohol

Concen: 40.294 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

ClientSampleID :

PB115000BS

Tot Ion: 79 Resp: 155867

Ion Ratio Lower Upper

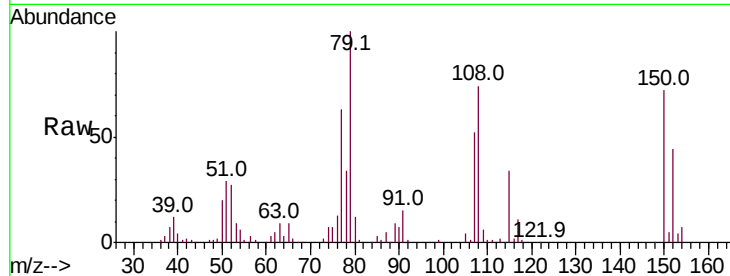
79 100

108 74.0 56.3 84.5

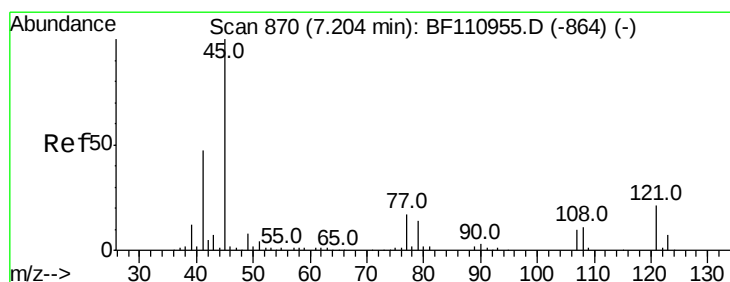
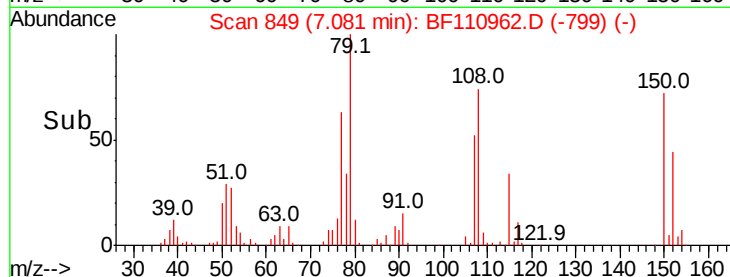
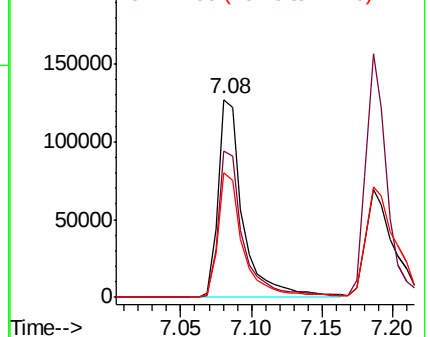
77 62.7 52.9 79.3

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.303 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

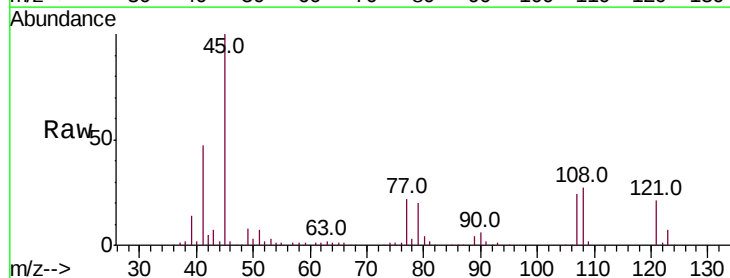
Tgt Ion: 45 Resp: 260322

Ion Ratio Lower Upper

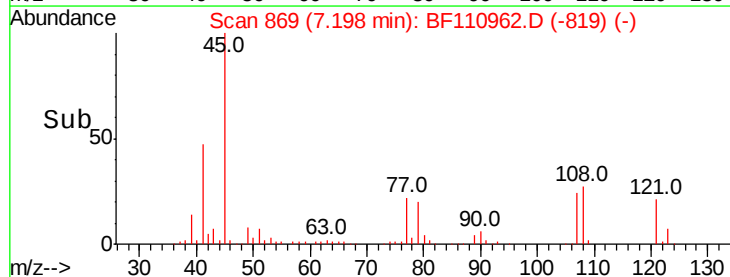
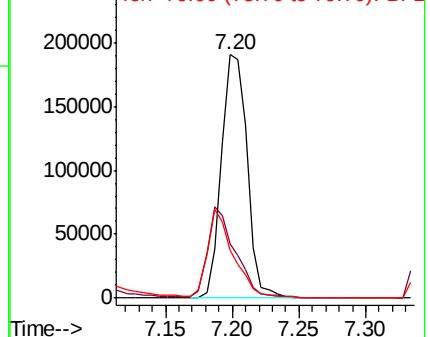
45 100

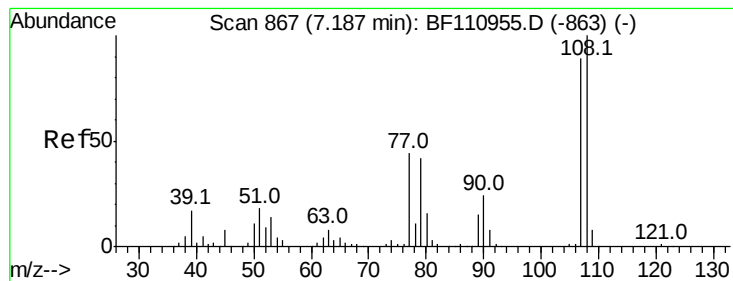
77 22.3 10.0 50.0

79 19.6 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





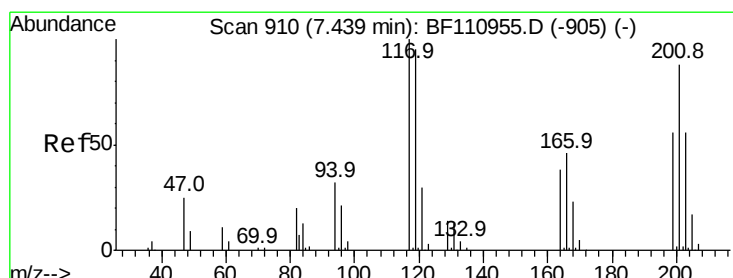
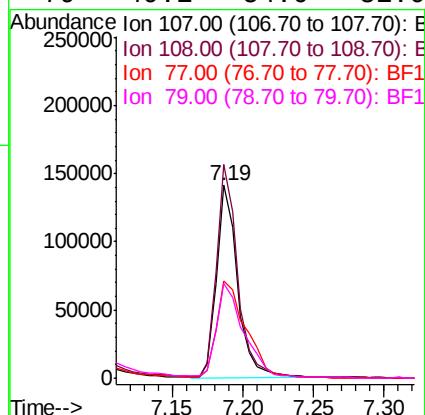
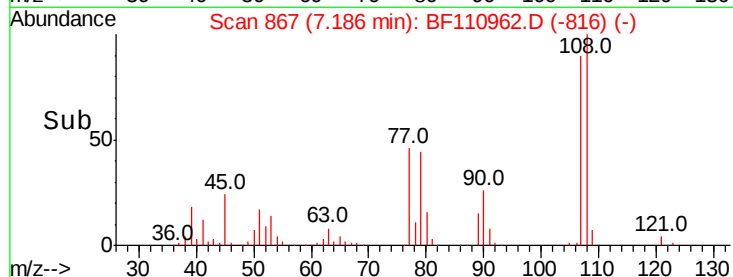
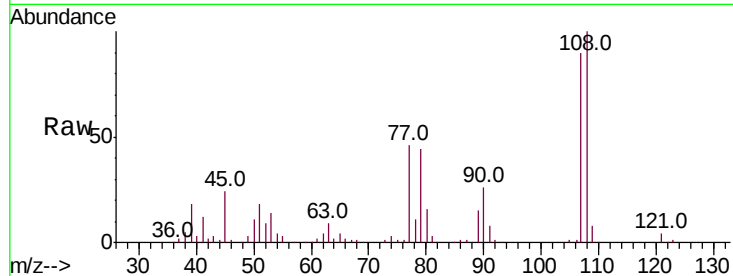
#17
2-Methylphenol
Concen: 40.660 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	147984		
108	110.6	92.6	138.8	
77	50.4	59.4	89.2#	
79	49.1	54.0	81.0#	

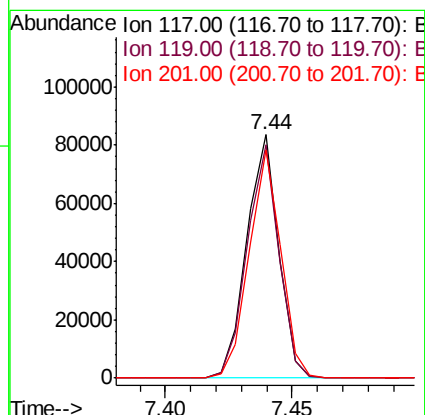
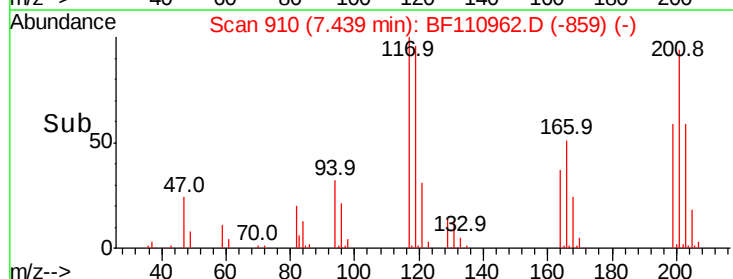
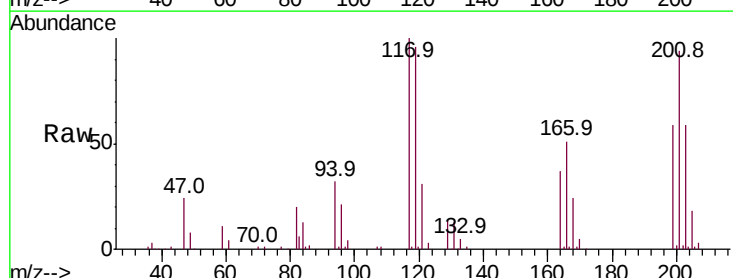
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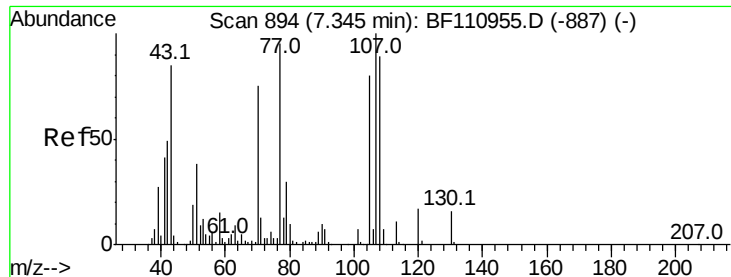
mohammad
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#18
Hexachloroethane
Concen: 38.486 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	73210		
119	96.0	75.0	112.6	
201	93.8	79.2	118.8	





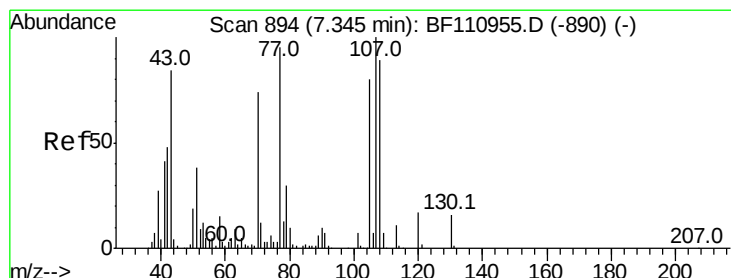
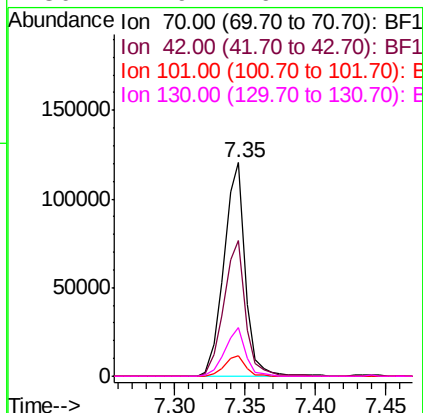
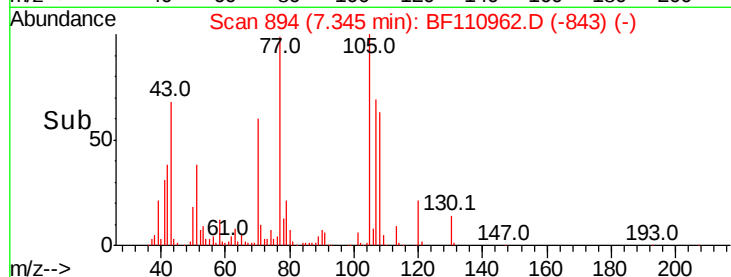
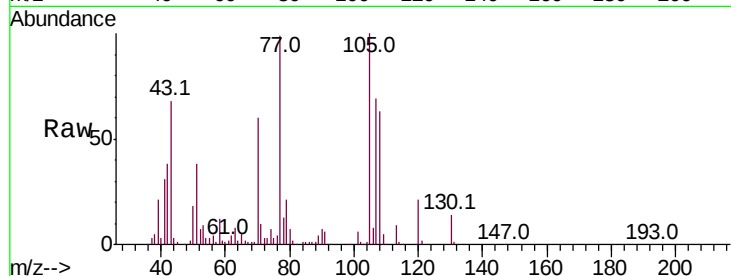
#19
n-Nitroso-di-n-propylamine
Concen: 38.645 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.8	47.4	71.2
101	9.6	7.3	10.9
130	22.9	16.2	24.2

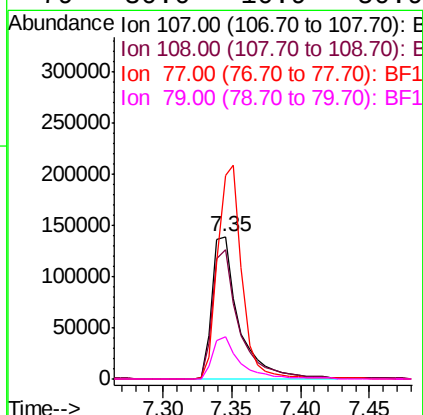
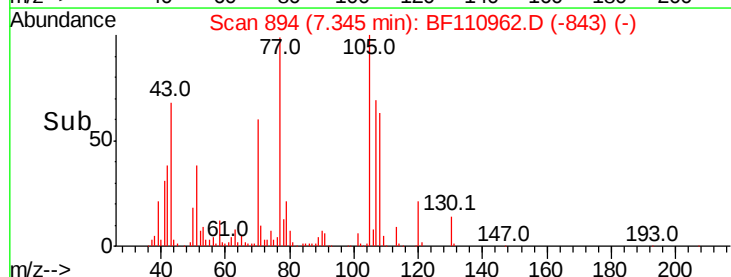
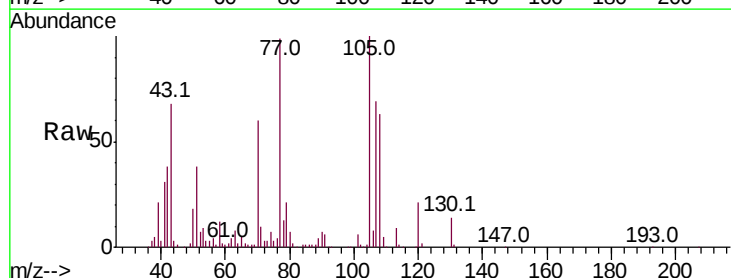
Manual Integrations
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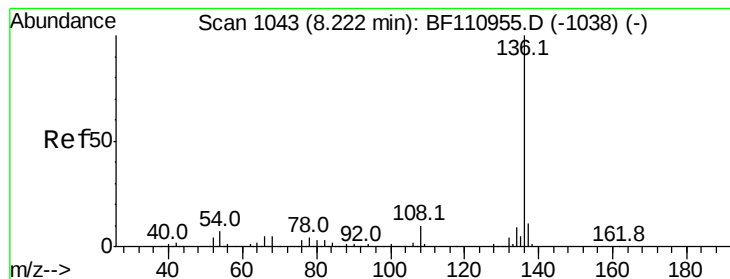
mohammad
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#20
3+4-Methylphenols
Concen: 39.218 ng m
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	71.4	111.4
77	143.1	47.3	87.3#
79	30.0	10.9	50.9





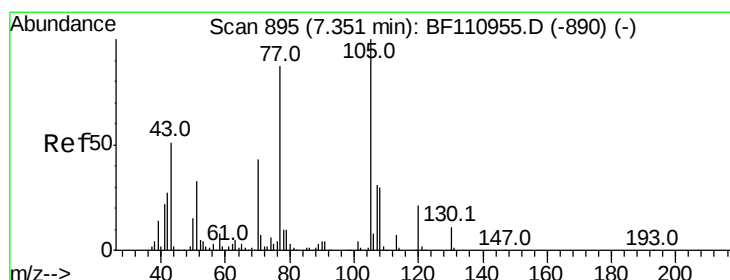
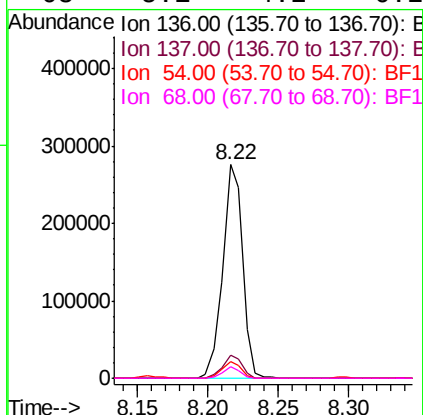
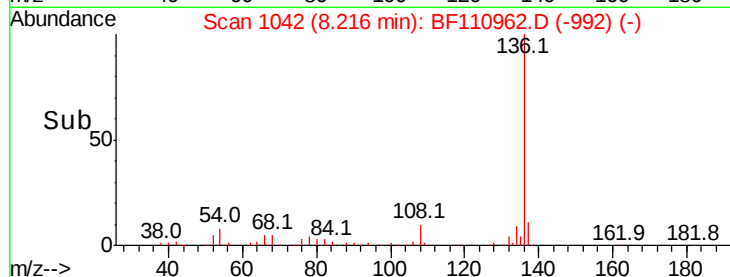
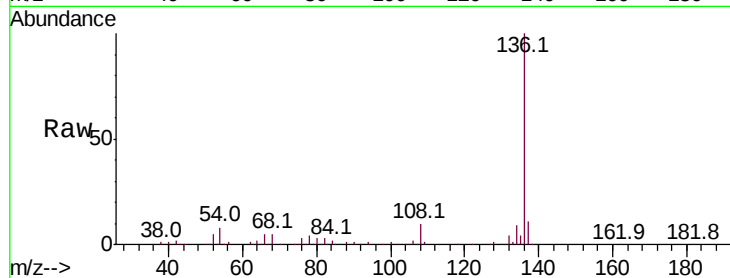
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	269760		
137	10.8		8.8	13.2
54	8.0		5.4	8.2
68	5.1		4.2	6.2

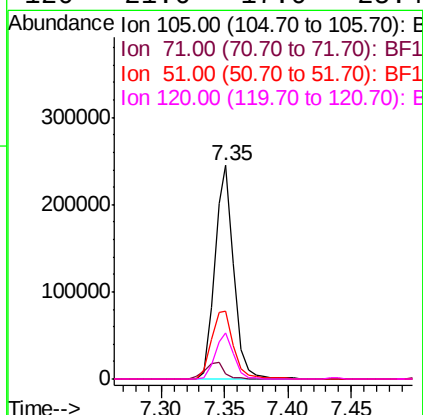
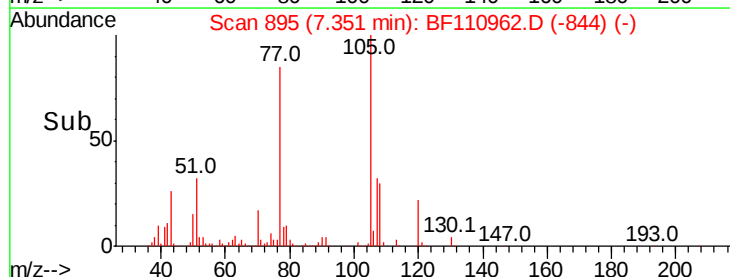
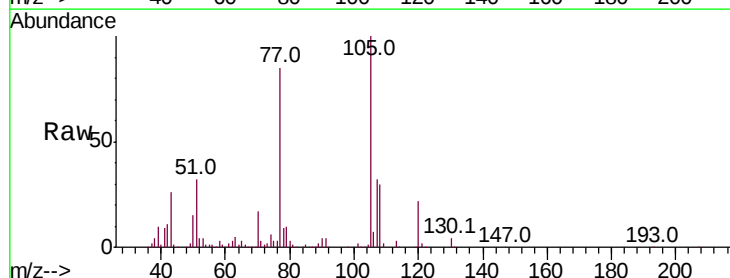
Manual Integrations
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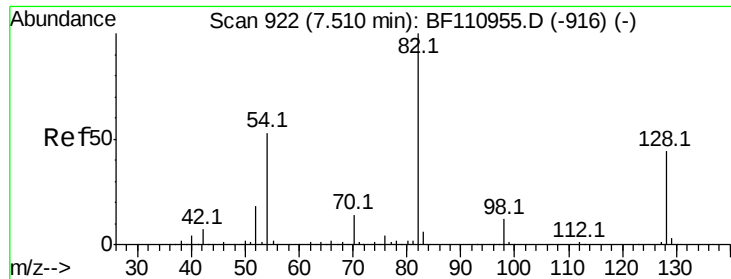
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#22
Acetophenone
Concen: 40.556 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	256438		
71	2.7		5.2	7.8#
51	31.9		21.8	32.8
120	21.6		17.0	25.4





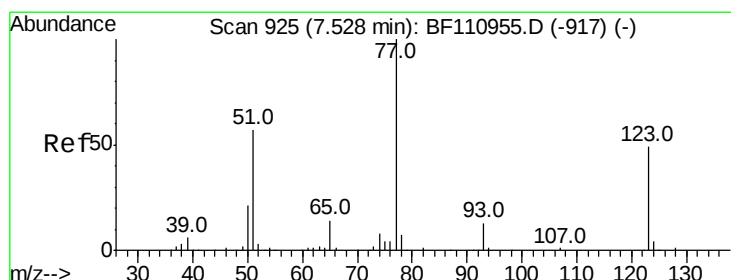
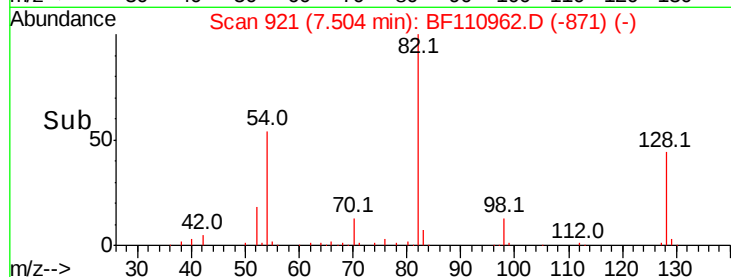
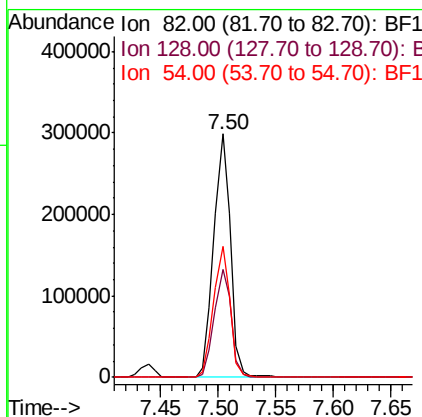
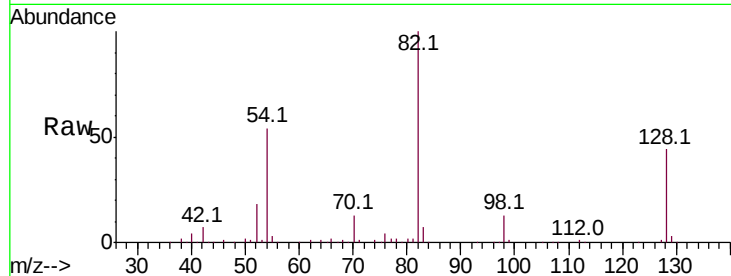
#23
 Nitrobenzene-d5
 Concen: 64.065 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Instrument :
 BNA_F
 ClientSampleID :
 PB115000BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	301975		
128	44.4		34.2	51.2
54	54.0		38.6	58.0

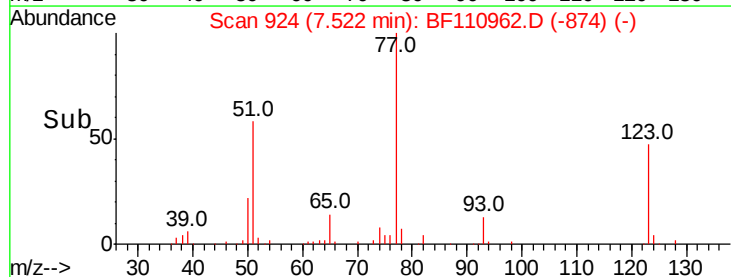
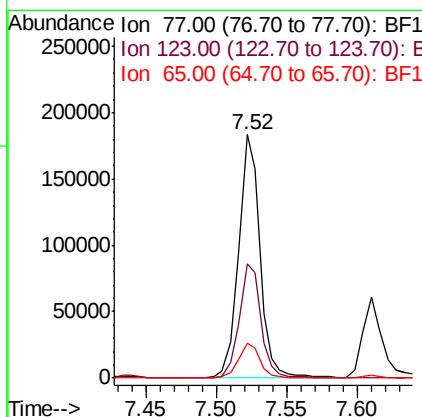
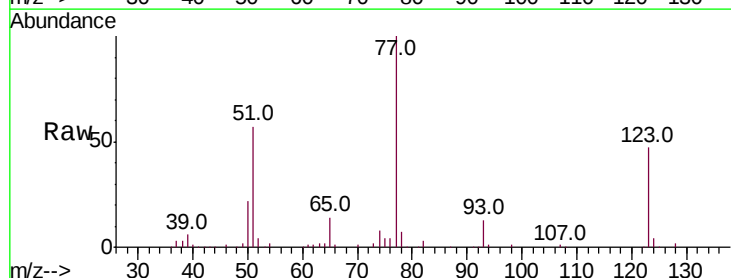
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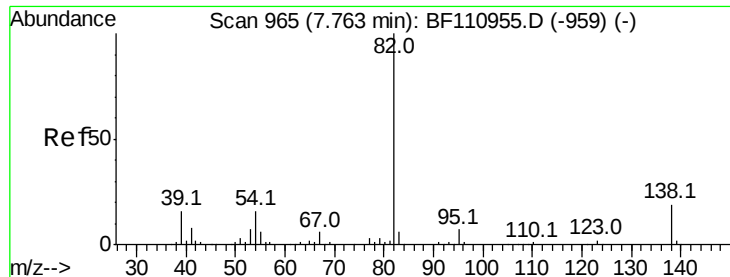
mohammad
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#24
 Nitrobenzene
 Concen: 39.711 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	194654		
123	46.8		35.7	53.5
65	14.1		10.7	16.1





#25

Isophorone

Concen: 44.531 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

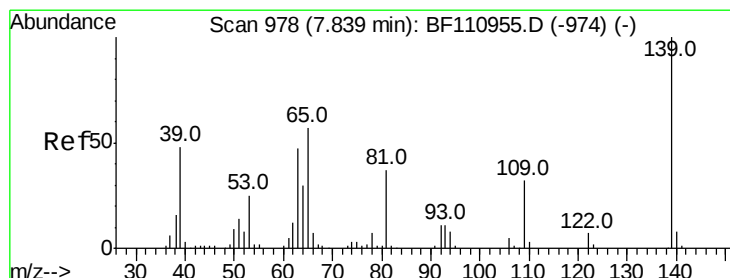
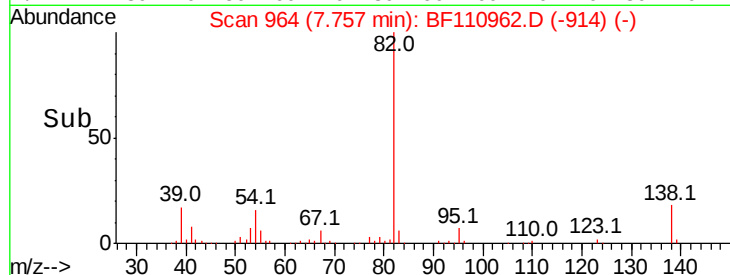
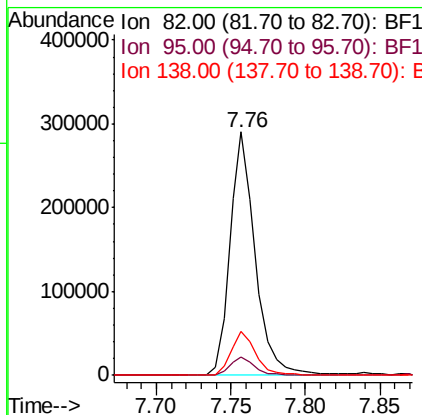
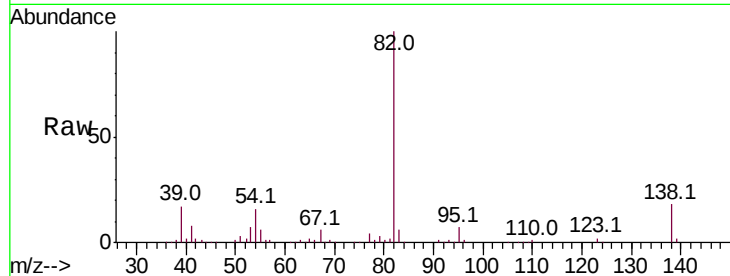
ClientSampleId :

PB115000BS

Tot Ion:	82	Resp:	344306
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.7	8.5
138	18.3	13.2	19.8

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#26

2-Nitrophenol

Concen: 41.941 ng

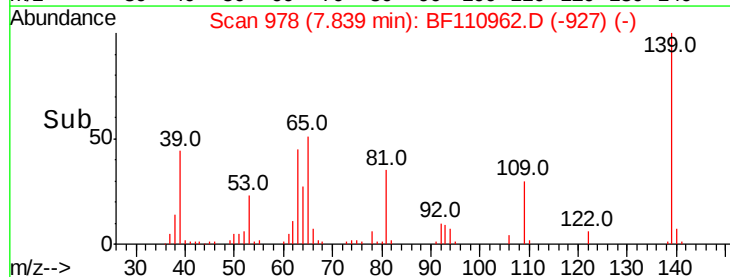
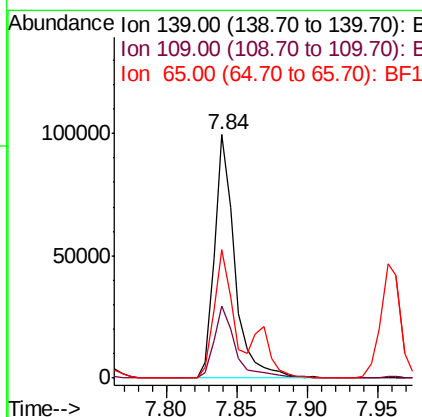
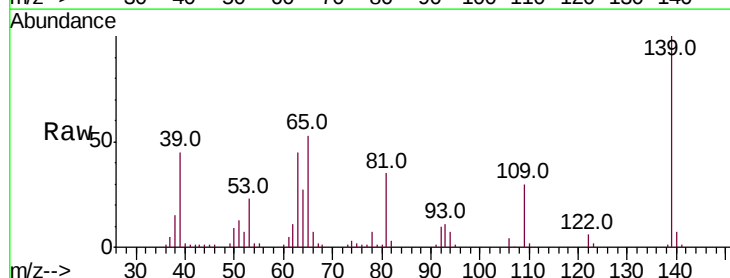
RT: 7.84 min Scan# 978

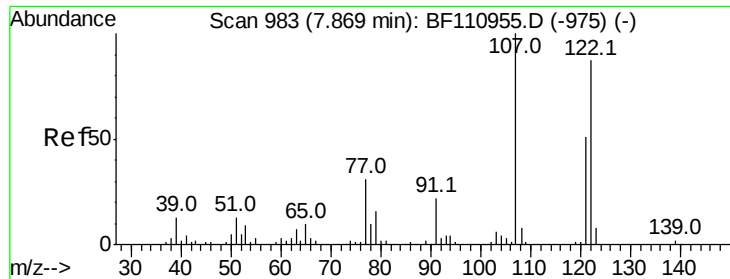
Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Tgt Ion:	139	Resp:	99880
Ion Ratio	Lower	Upper	
139	100		
109	29.9	25.0	37.6
65	52.8	44.0	66.0





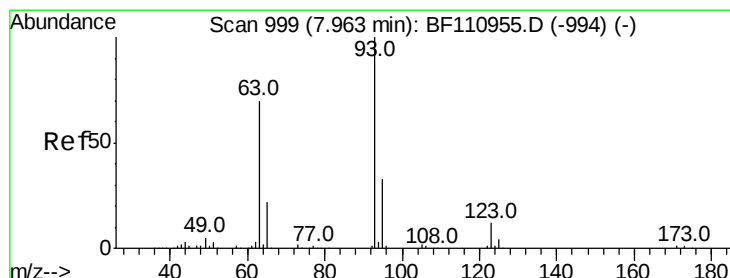
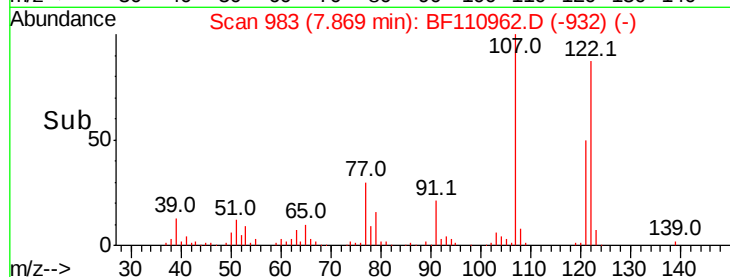
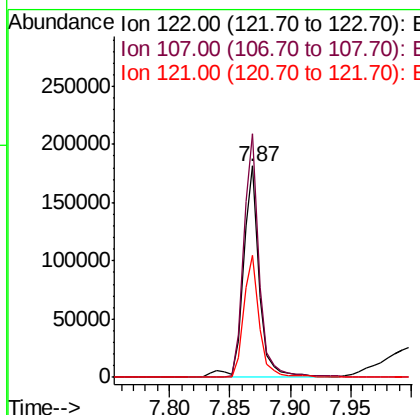
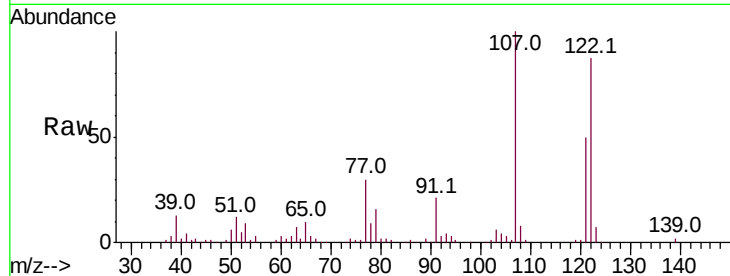
#27
2,4-Dimethylphenol
Concen: 46.552 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	92.5	138.7
121	57.7	45.8	68.8

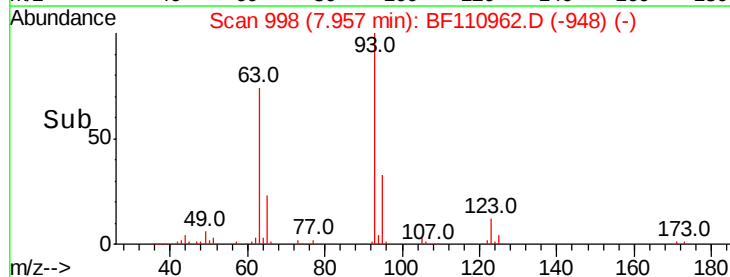
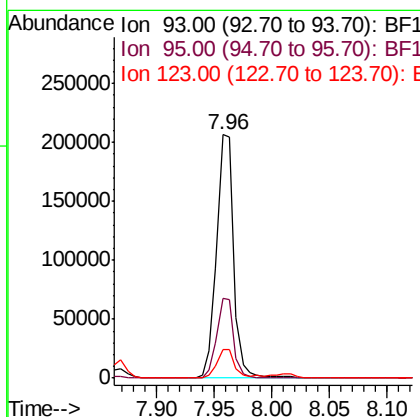
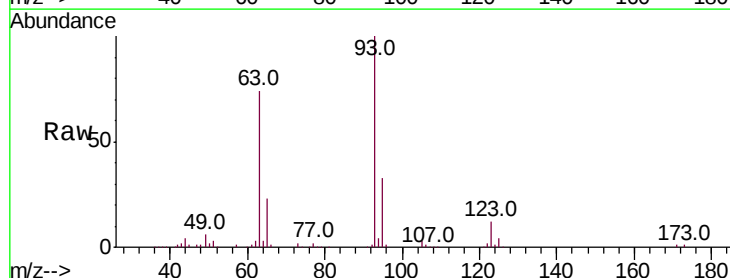
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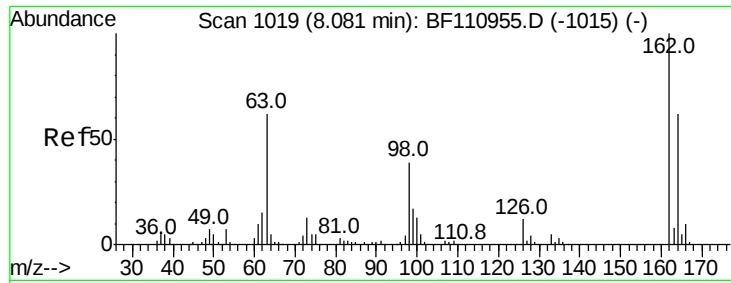
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#28
bis(2-Chloroethoxy)methane
Concen: 41.543 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.4	39.6
123	11.7	9.0	13.6





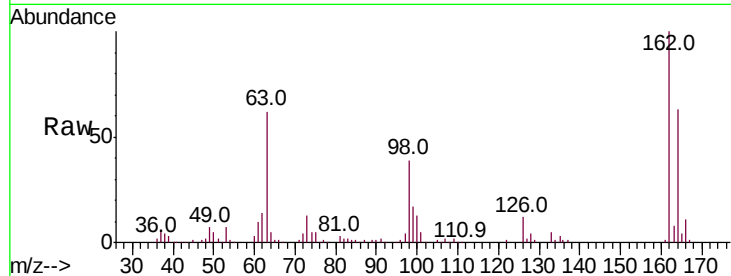
#29
2,4-Dichlorophenol
Concen: 41.721 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

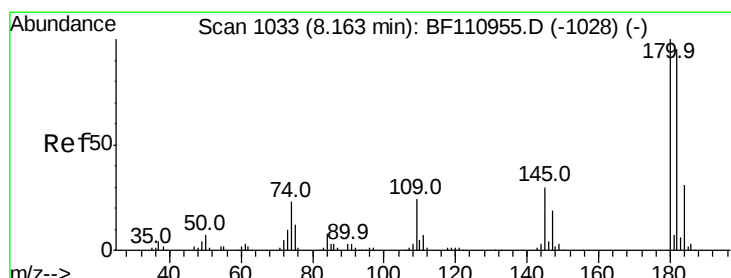
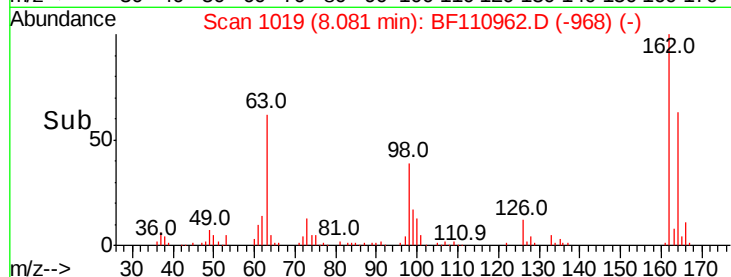
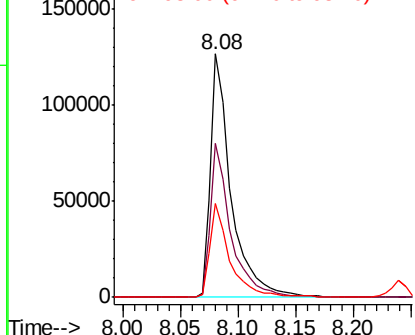
Tot Ion	Ratio	Resp	Lower	Upper
162	100	157010		
164	63.0		44.6	84.6
98	38.8		17.4	57.4

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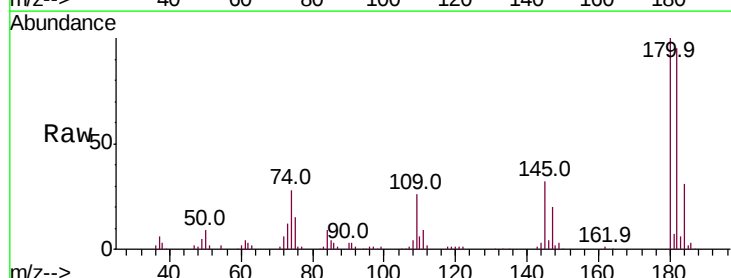


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

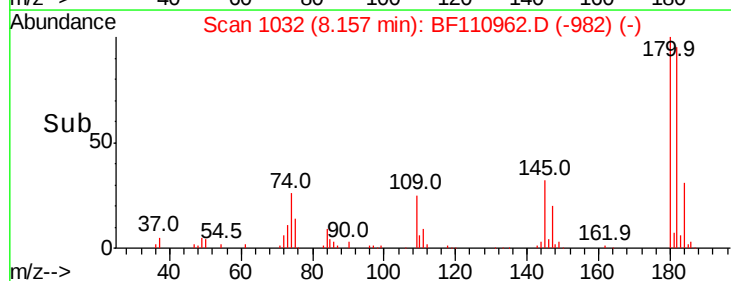
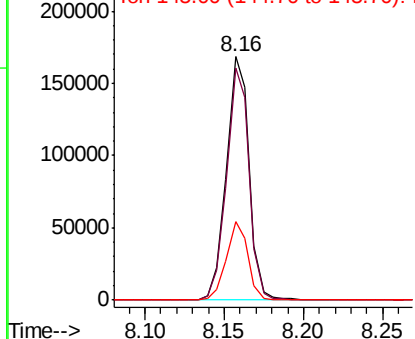


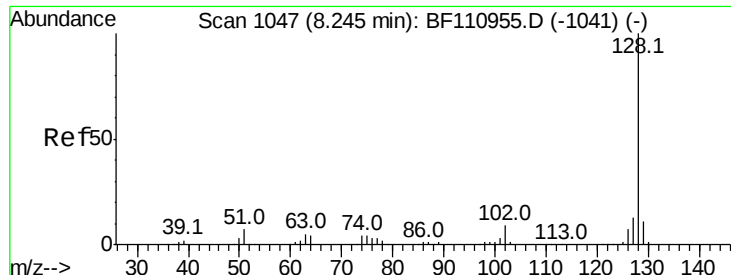
#30
1,2,4-Trichlorobenzene
Concen: 39.465 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	166442		
182	95.3		80.3	120.5
145	32.5		25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





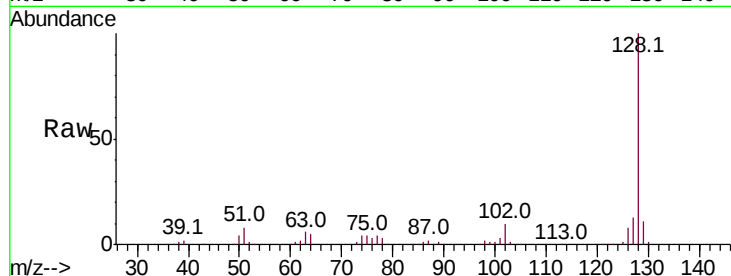
#31
Naphthalene
Concen: 42.664 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

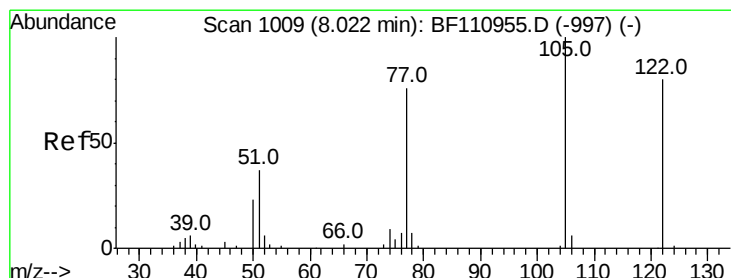
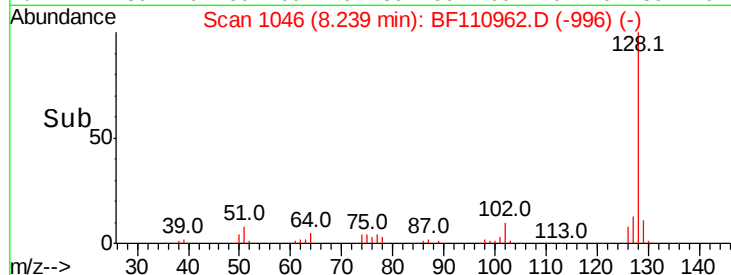
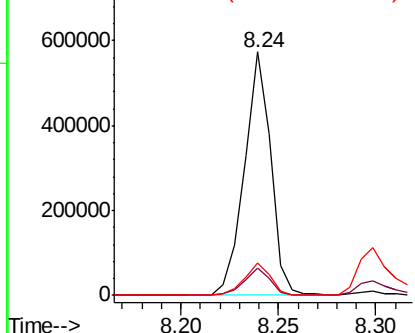
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.8	16.2

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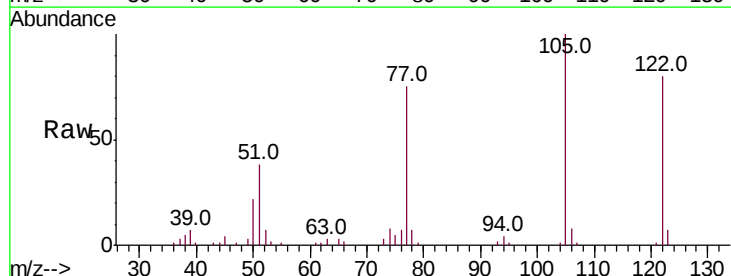


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

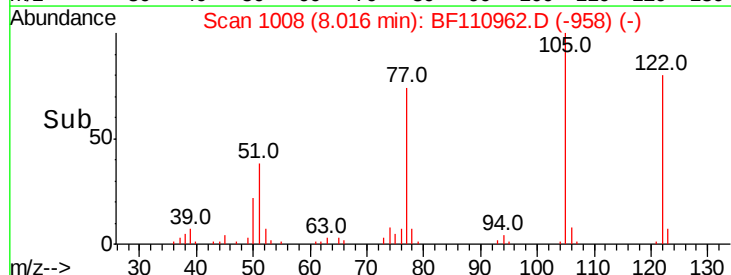
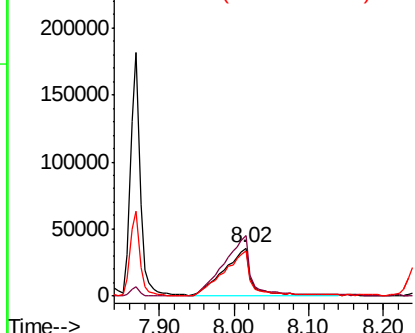


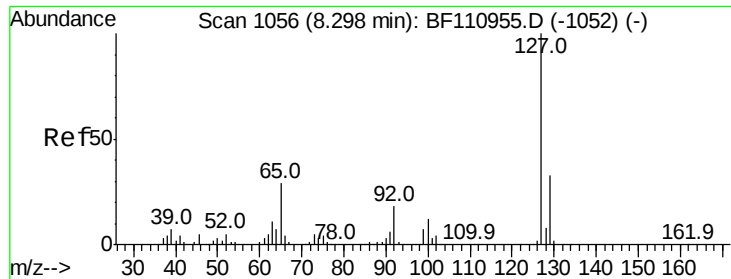
#32
Benzoic acid
Concen: 33.779 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	109.0	149.0
77	93.0	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





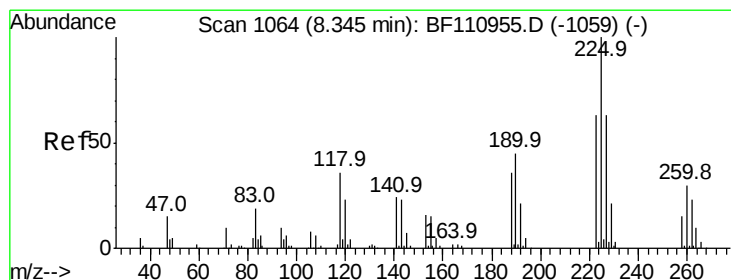
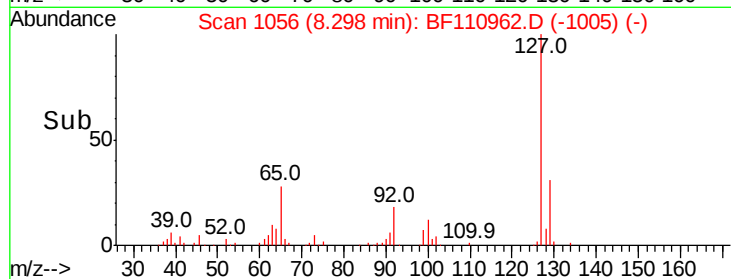
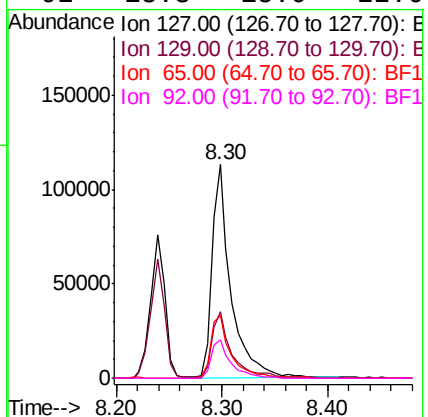
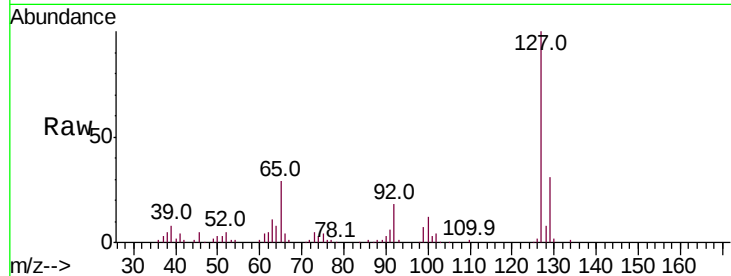
#33
4-Chloroaniline
Concen: 26.233 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	26.0	39.0		
65	29.3	25.1	37.7		
92	18.3	15.0	22.6		

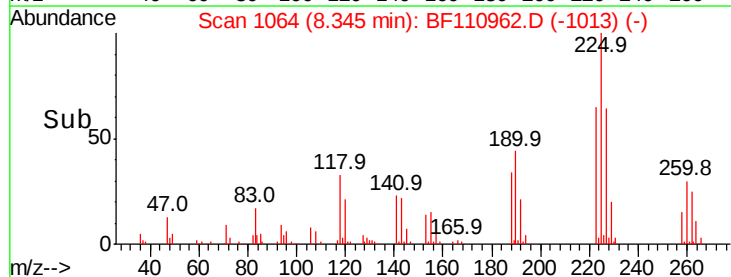
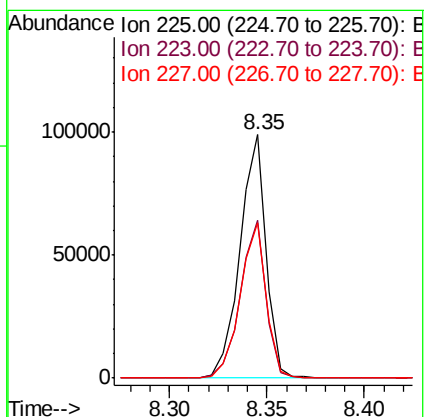
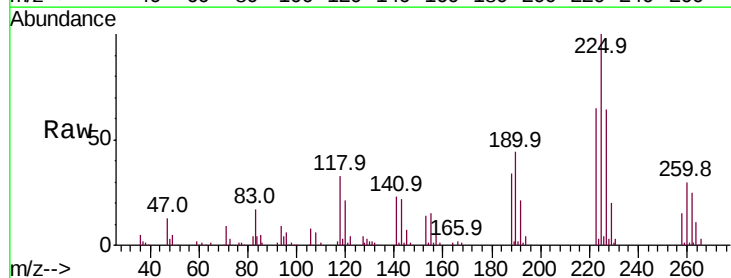
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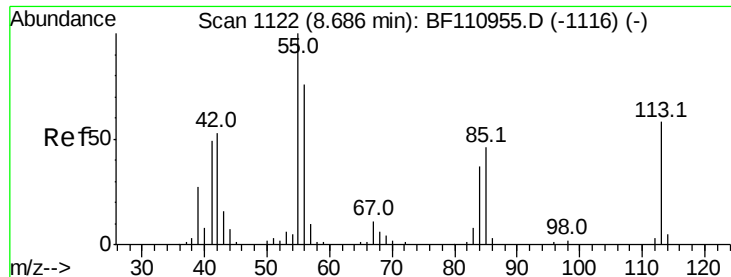
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#34
Hexachlorobutadiene
Concen: 38.126 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	51.4	77.2		
227	63.7	51.0	76.6		





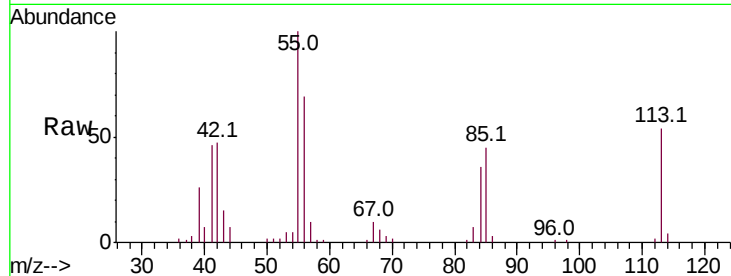
#35
Caprolactam
Concen: 41.363 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

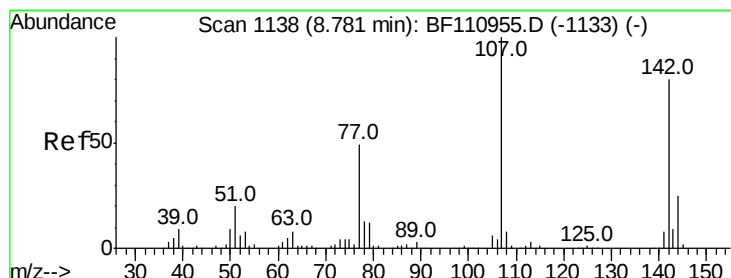
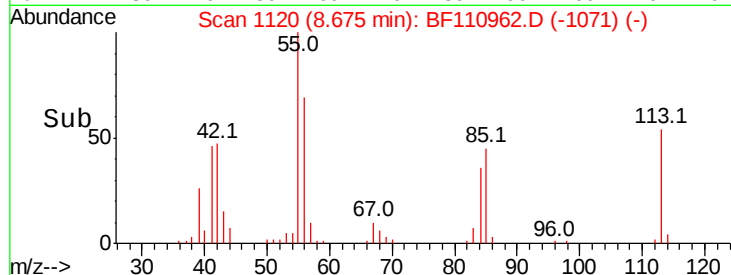
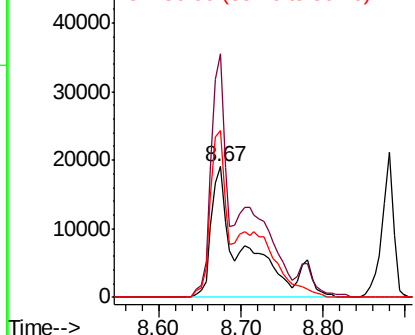
Tot Ion:113 Resp: 53143
Ion Ratio Lower Upper
113 100
55 186.3 142.8 182.8#
56 127.7 105.0 145.0

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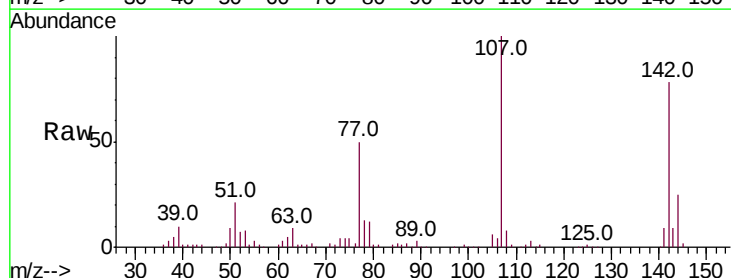


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

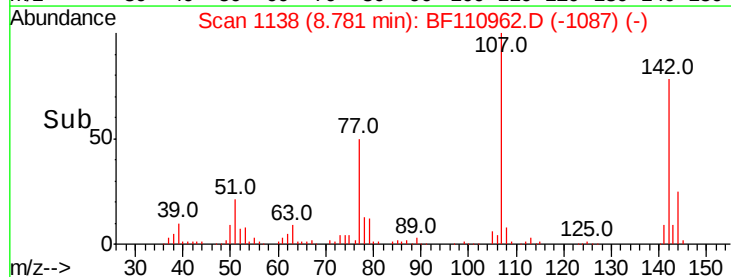
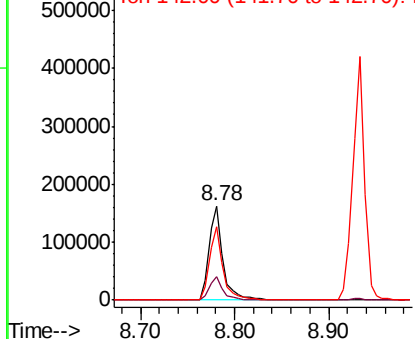


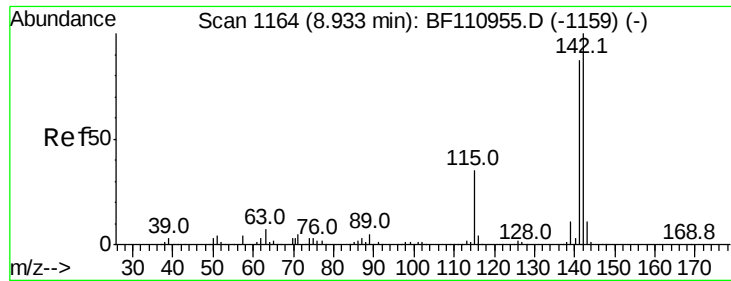
#36
4-Chloro-3-methylphenol
Concen: 40.386 ng/ml
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion:107 Resp: 168871
Ion Ratio Lower Upper
107 100
144 25.3 20.0 30.0
142 78.3 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





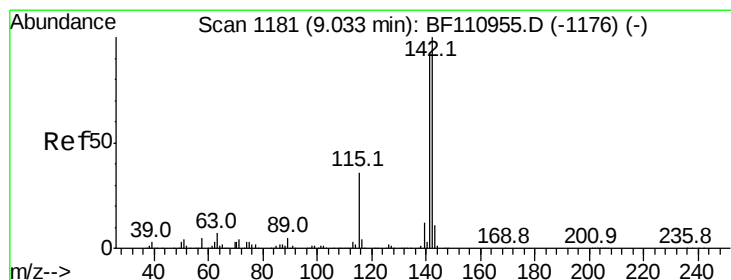
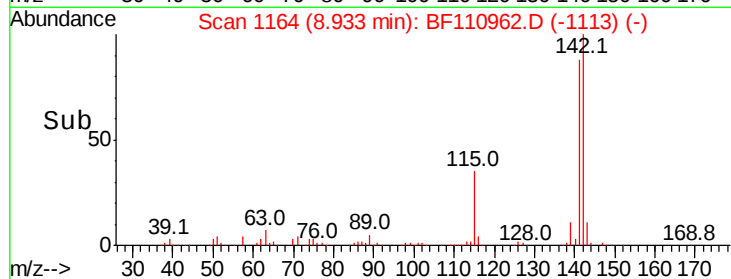
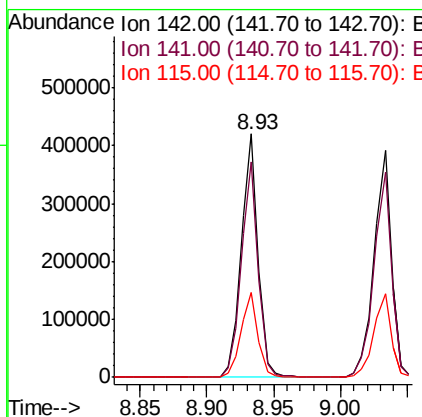
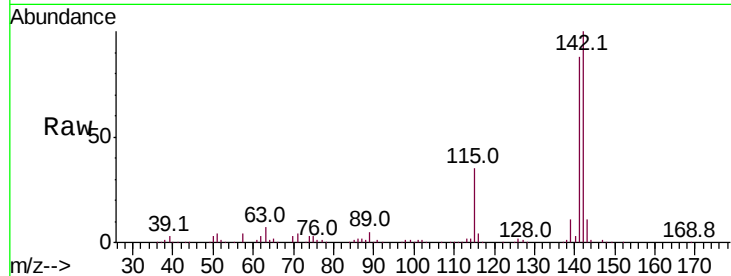
#37
2-Methylnaphthalene
Concen: 44.085 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleID :
PB115000BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2
115	34.7	28.7	43.1

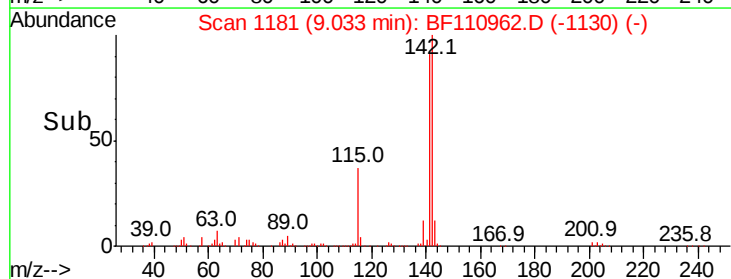
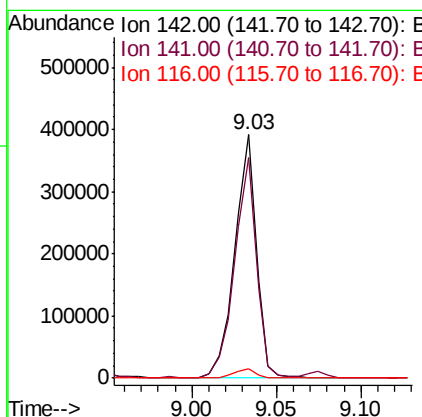
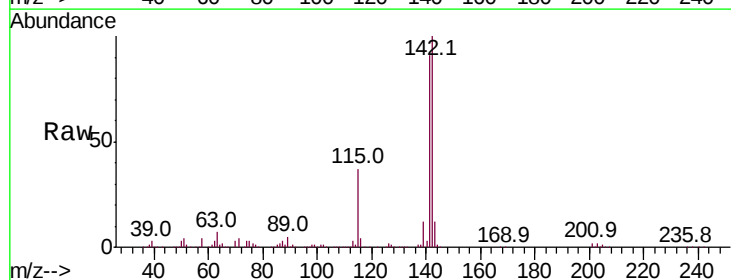
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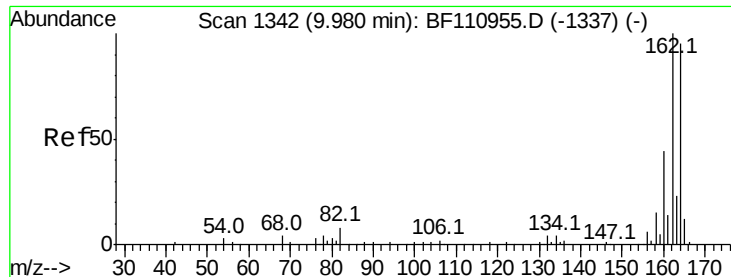
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#38
1-Methylnaphthalene
Concen: 42.674 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.2	111.4
116	3.9	2.6	4.0





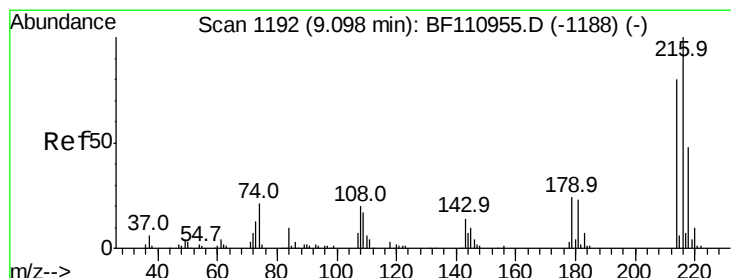
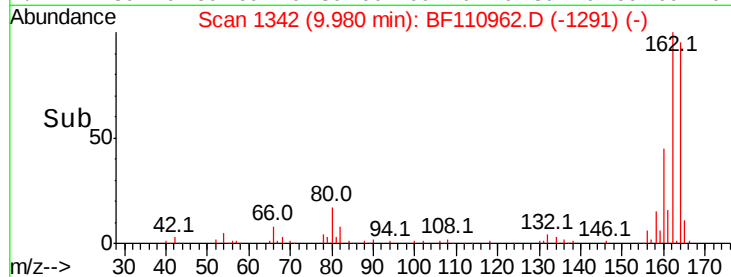
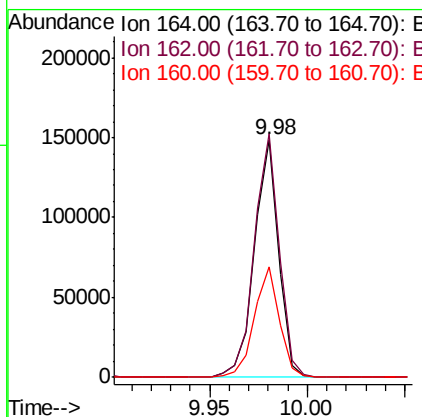
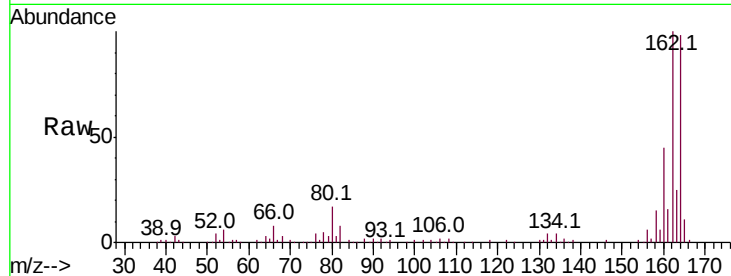
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.0	124.6
160	46.5	37.0	55.6

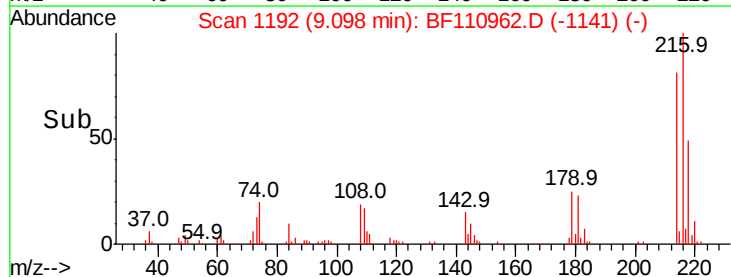
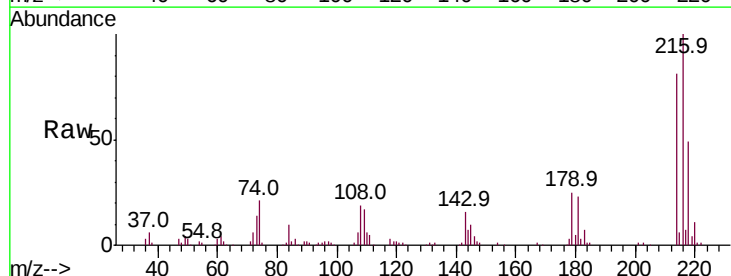
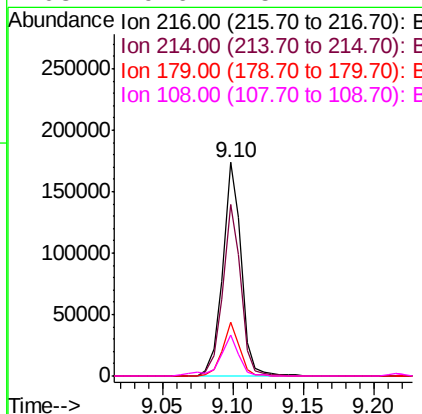
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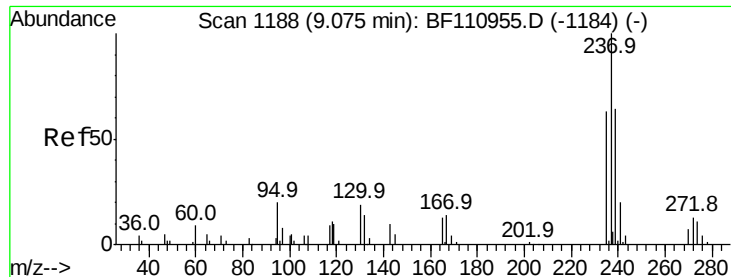
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.155 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.8	95.6
179	23.3	16.6	25.0
108	19.6	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 79.226 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

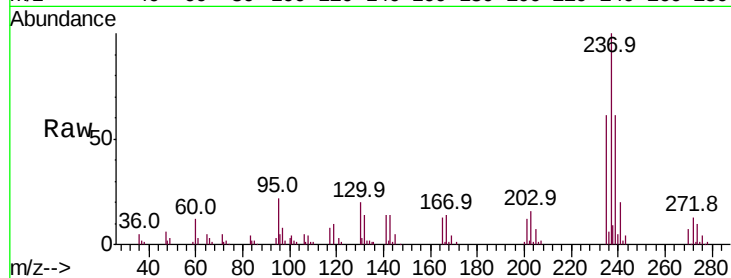
ClientSampleId :

PB115000BS

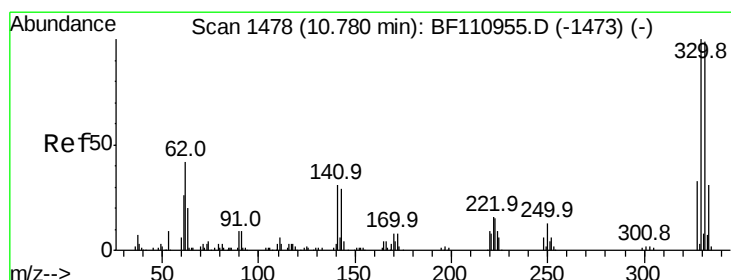
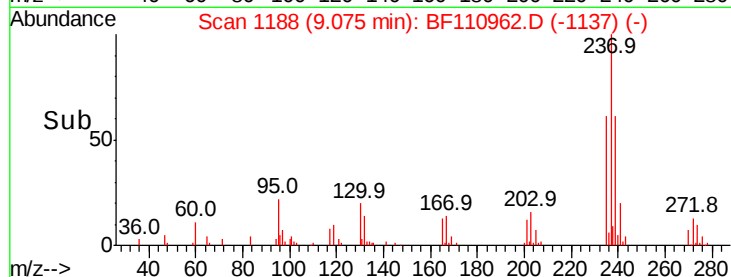
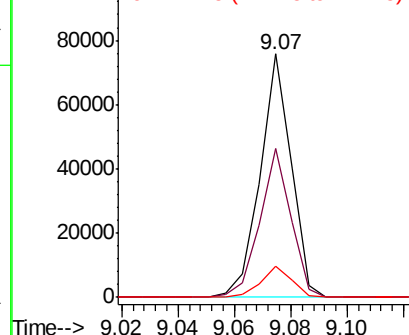
Tot Ion:	237	Resp:	57618
Ion Ratio	Lower	Upper	
237	100		
235	61.3	43.1	83.1
272	12.9	0.0	32.6

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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: 121.035 ng

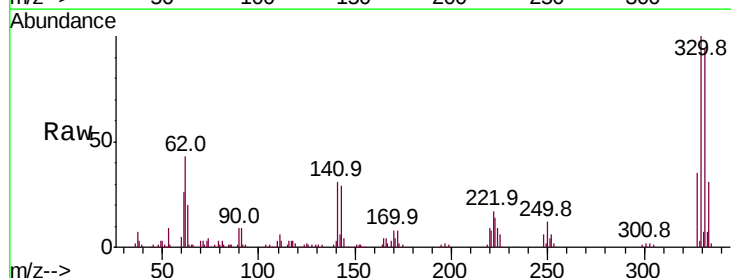
RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

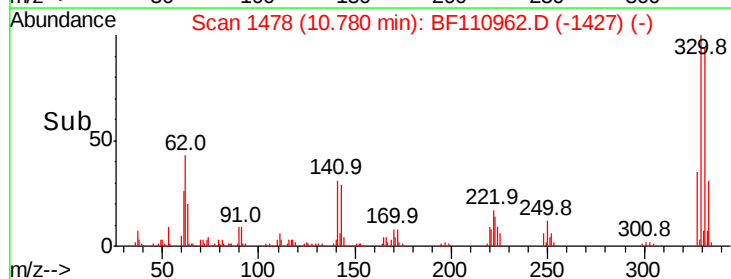
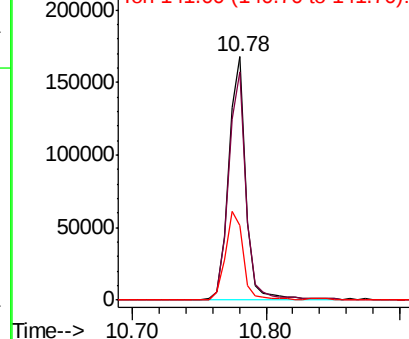
Lab File: BF110962.D

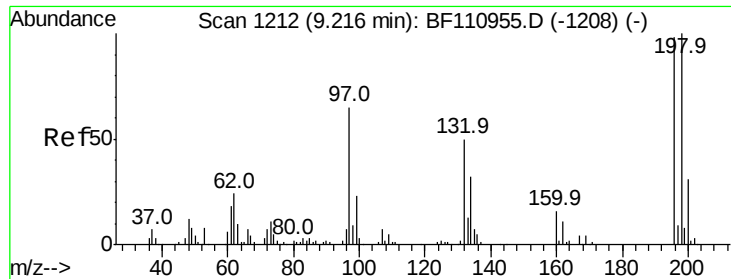
Acq: 26 Nov 2018 14:31

Tgt Ion:	330	Resp:	153729
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.1	115.7
141	37.8	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





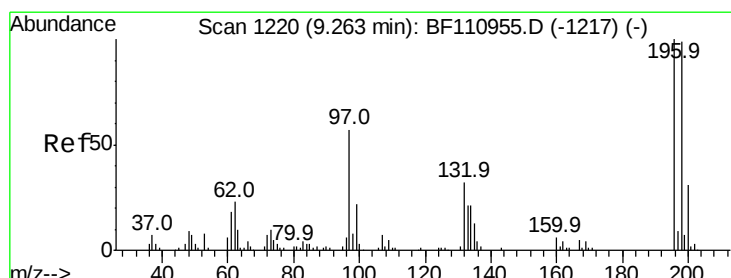
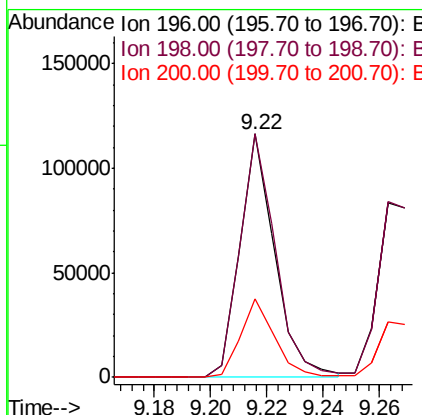
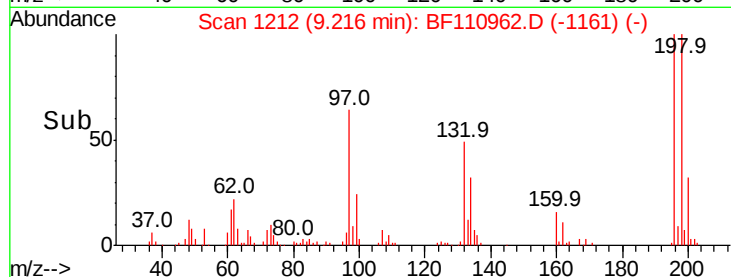
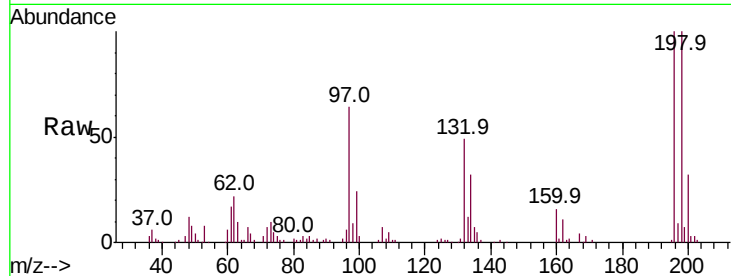
#43
 2,4,6-Trichlorophenol
 Concen: 41.740 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB115000BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	100292		
198	100.0	76.2	114.4	
200	32.2	24.4	36.6	

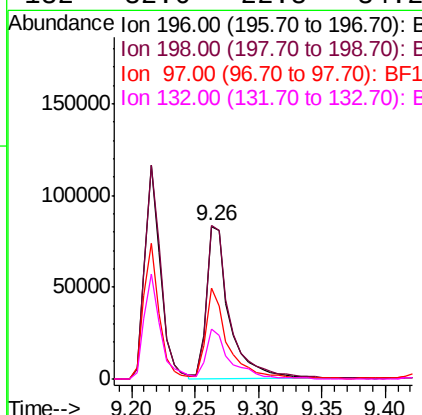
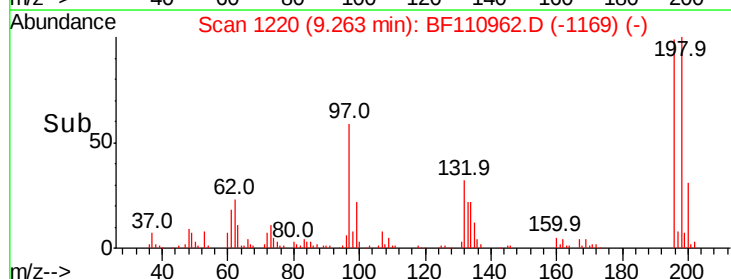
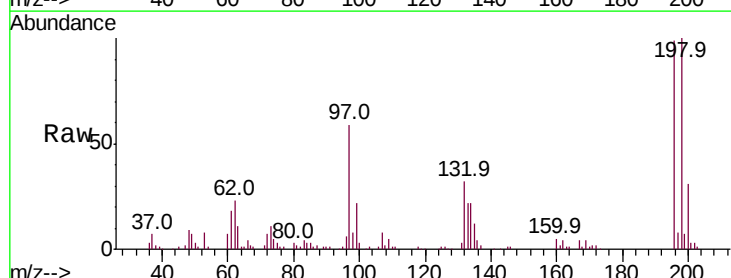
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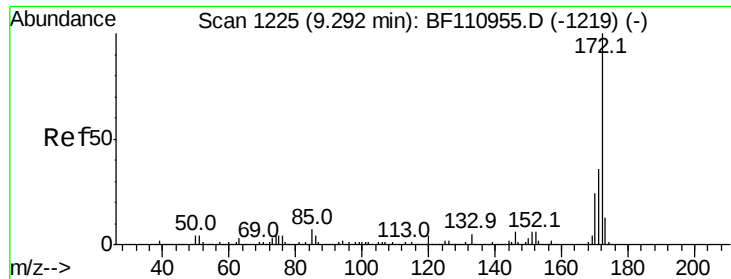
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#44
 2,4,5-Trichlorophenol
 Concen: 41.618 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	105295		
198	100.8	75.8	113.6	
97	60.0	42.4	63.6	
132	32.6	22.8	34.2	





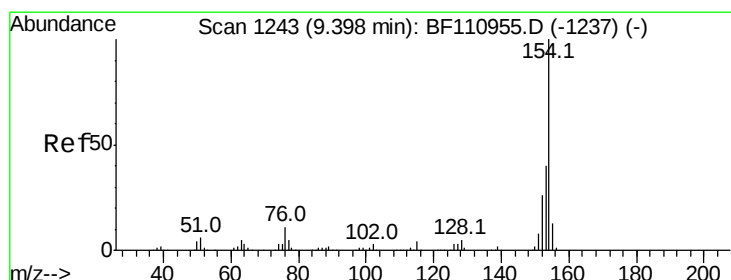
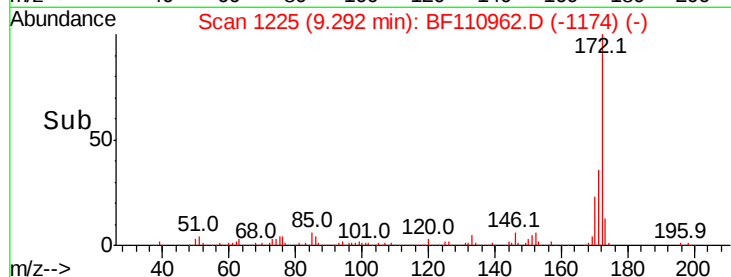
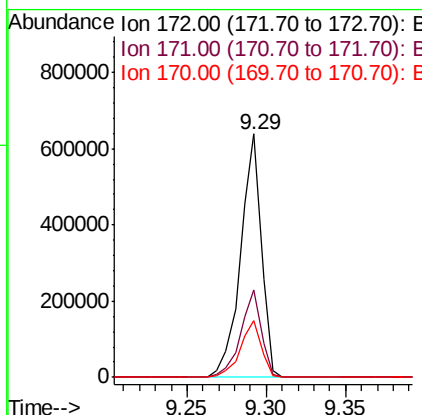
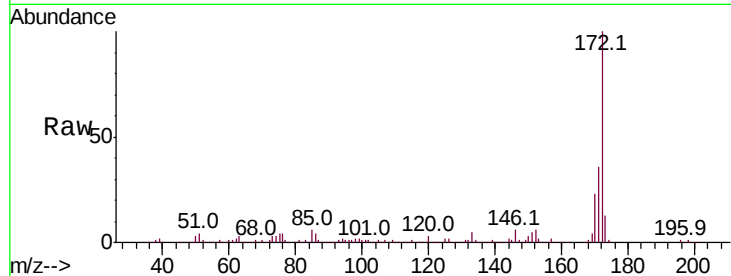
#45
2-Fluorobiphenyl
Concen: 65.502 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.1	19.7	29.5

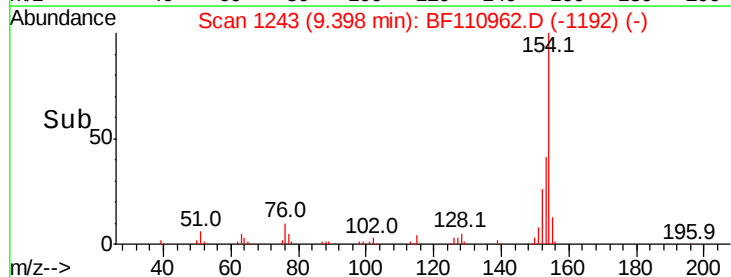
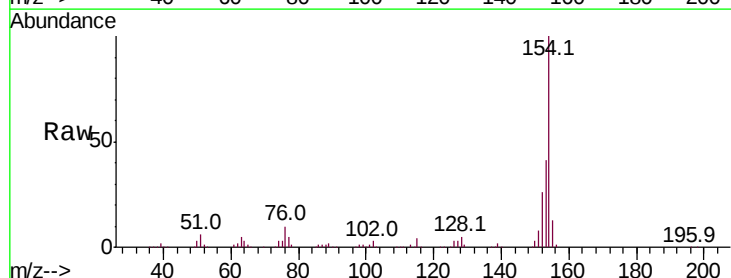
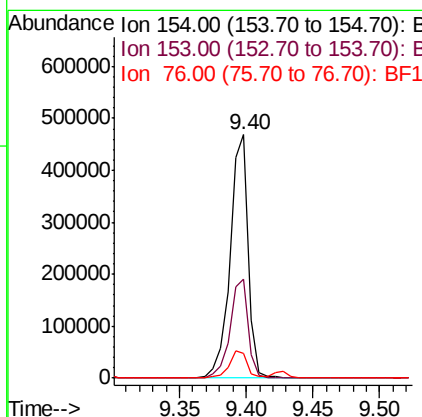
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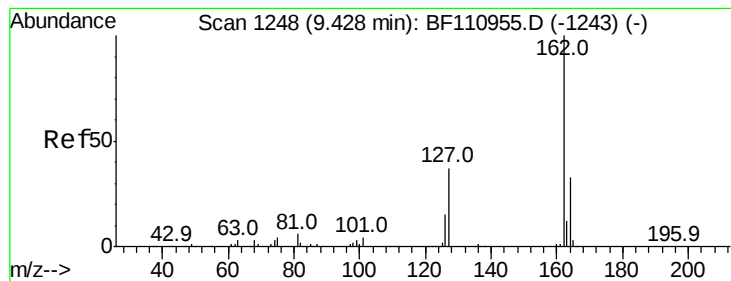
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#46
1,1'-Biphenyl
Concen: 38.099 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.4	60.4
76	10.0	0.0	31.9





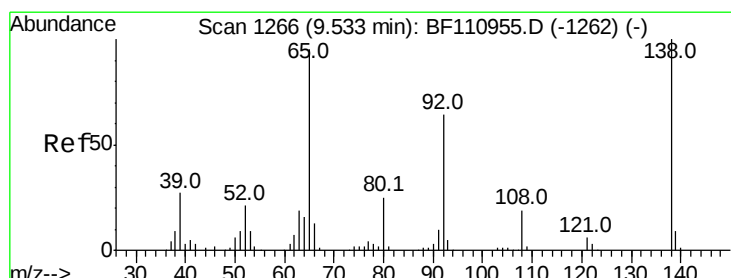
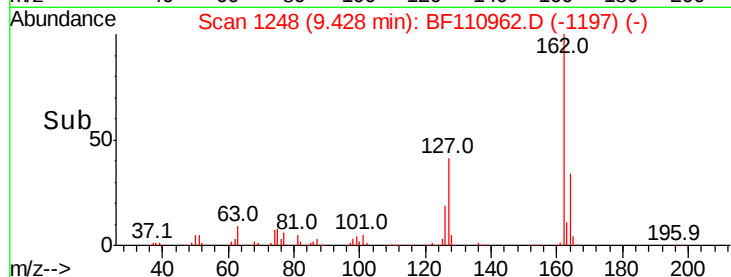
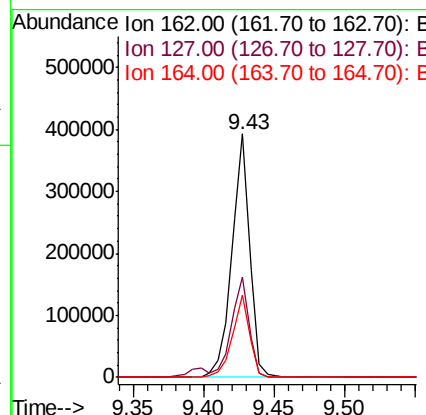
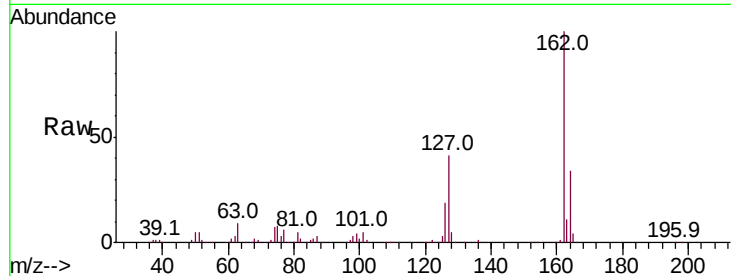
#47
 2-Chloronaphthalene
 Concen: 40.257 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Instrument :
 BNA_F
 ClientSampleID :
 PB115000BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	344158		
127	41.0	32.6	48.8	
164	33.6	25.9	38.9	

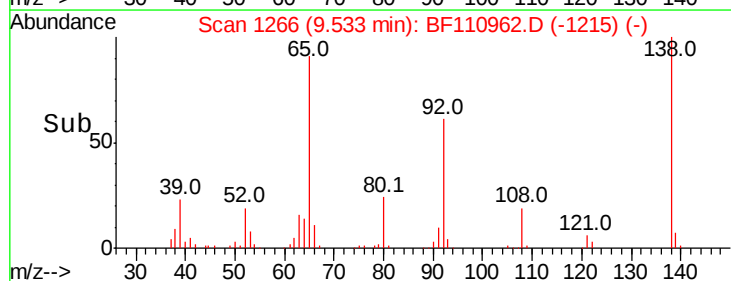
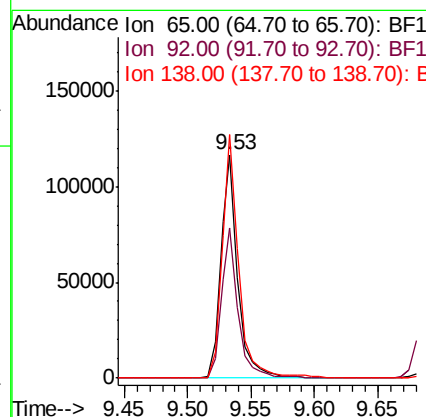
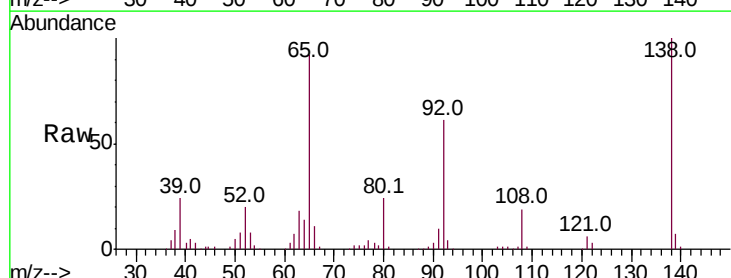
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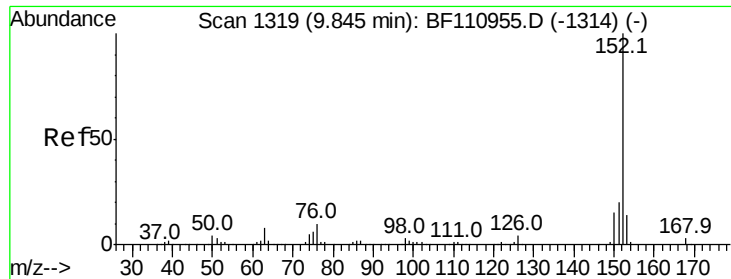
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#48
 2-Nitroaniline
 Concen: 40.676 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	108766		
92	67.0	54.6	81.8	
138	109.0	80.3	120.5	





#49

Acenaphthylene

Concen: 43.642 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

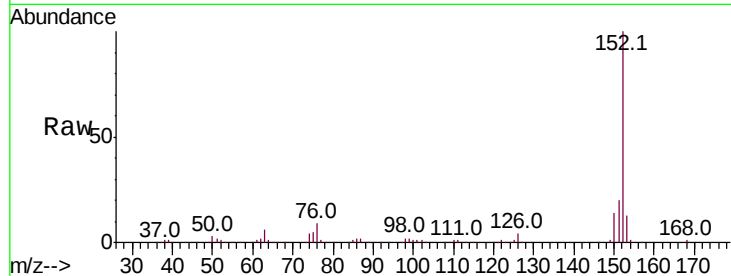
ClientSampleId :

PB115000BS

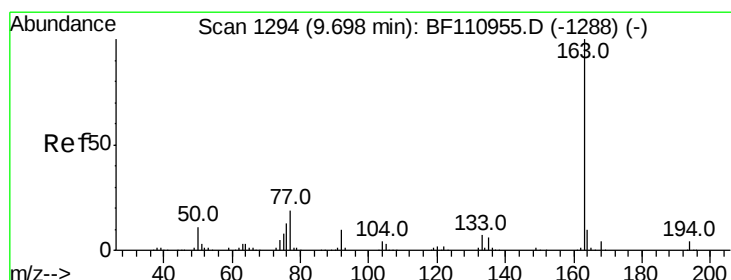
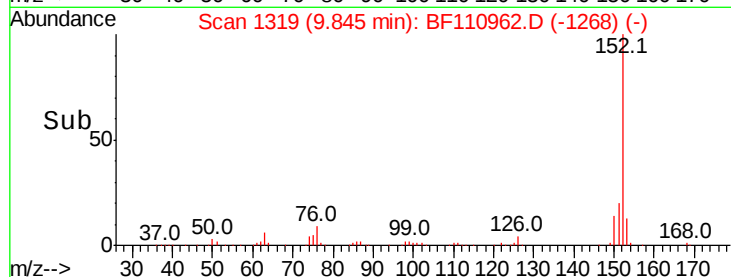
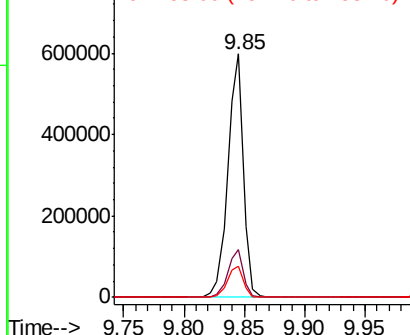
Tot Ion	Ratio	Resp	Lower	Upper
152	100	530524		
151	19.6		15.8	23.8
153	13.0		10.4	15.6

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



#50

Dimethylphthalate

Concen: 40.454 ng

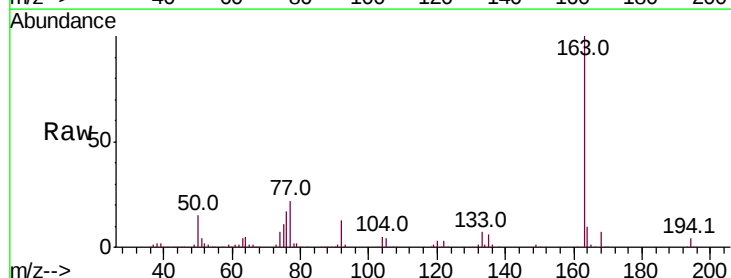
RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

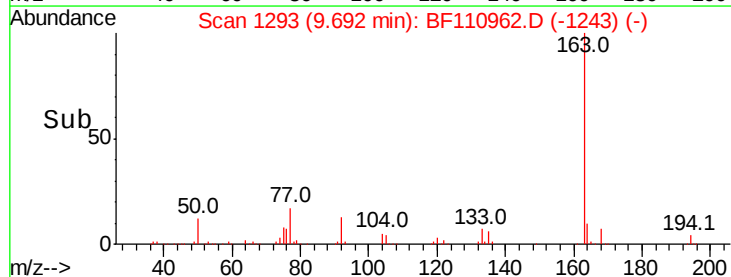
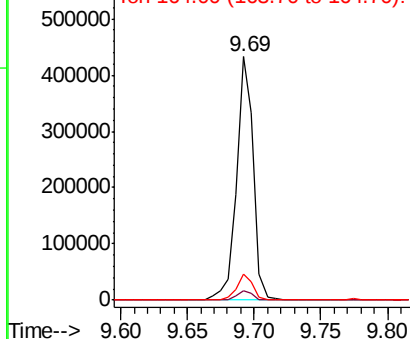
Lab File: BF110962.D

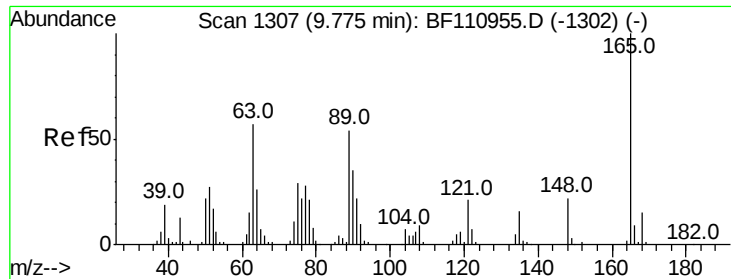
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	379435		
194	3.6		3.2	4.8
164	10.4		8.1	12.1



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





#51

2,6-Dinitrotoluene

Concen: 41.232 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

ClientSampleId :

PB115000BS

Tot Ion:165 Resp: 86096

Ion Ratio Lower Upper

165 100

63 77.9 48.9 73.3#

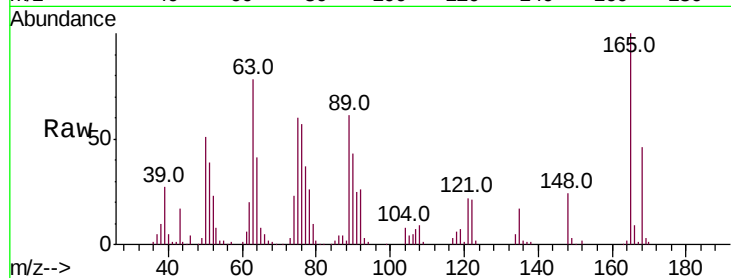
89 60.6 46.6 69.8

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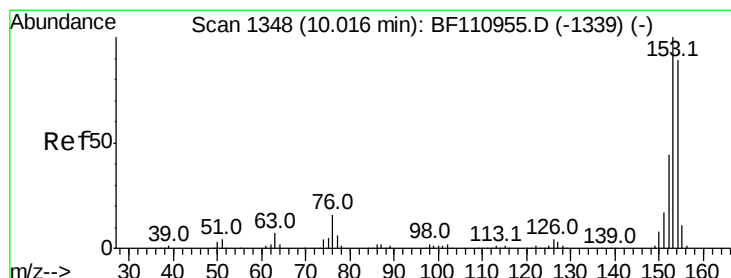
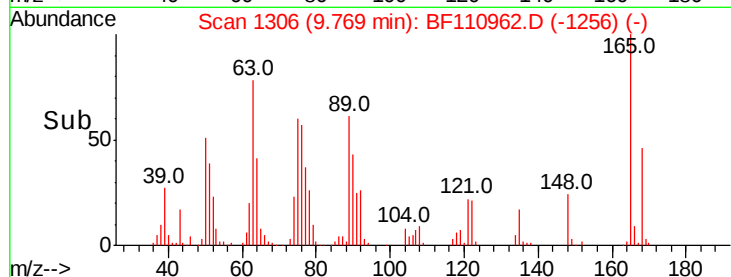
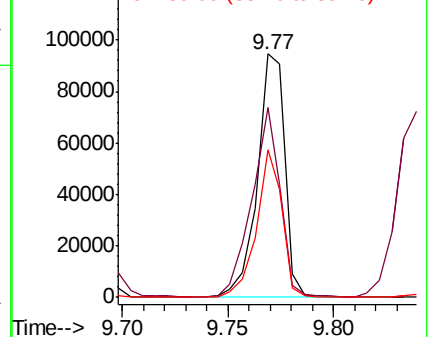
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.021 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

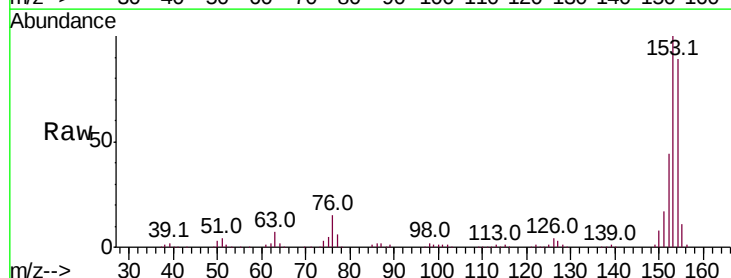
Tgt Ion:154 Resp: 319678

Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

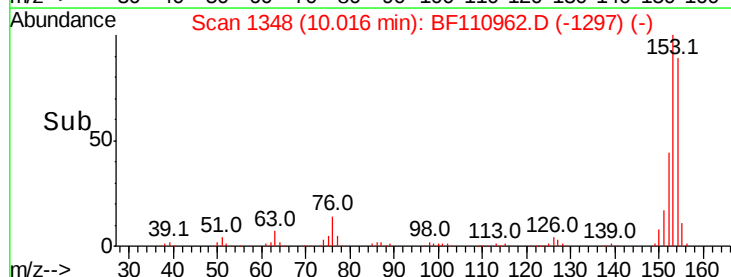
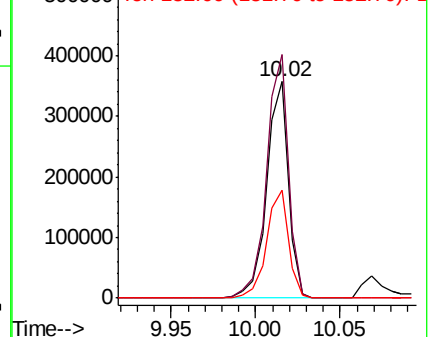
152 50.0 43.4 65.2

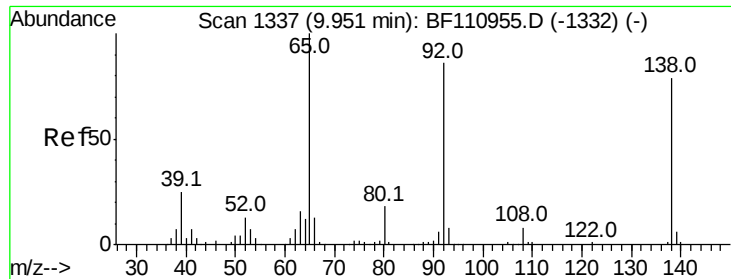


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





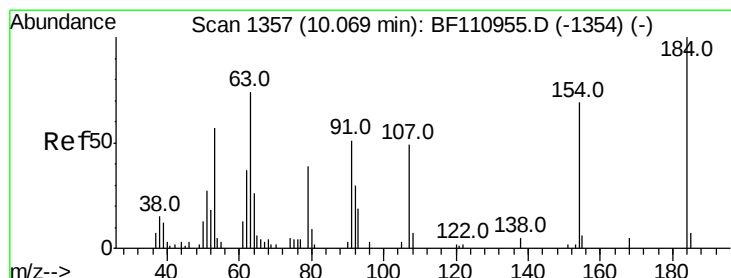
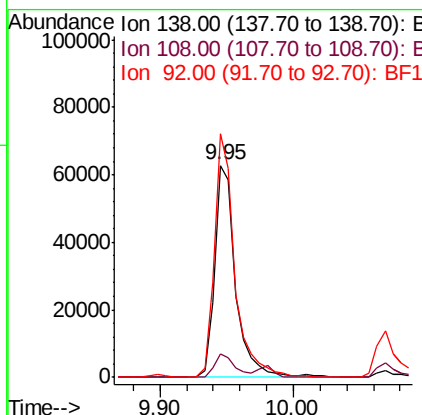
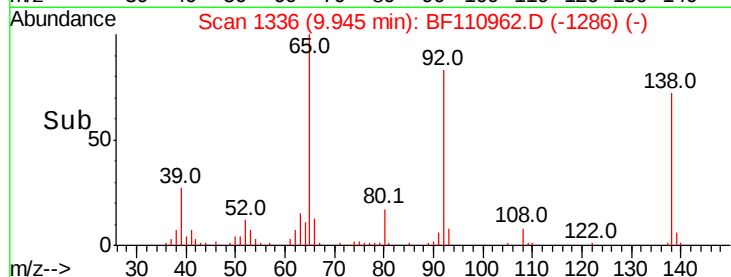
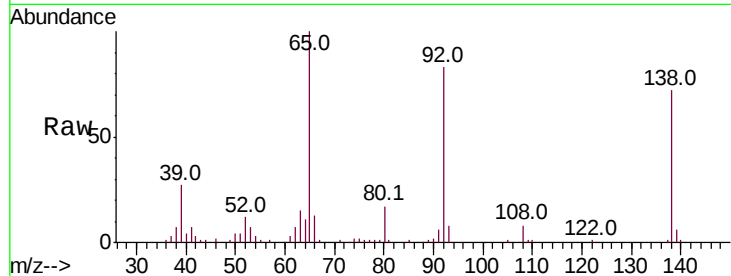
#53
 3-Nitroaniline
 Concen: 28.509 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Instrument :
 BNA_F
 ClientSampleID :
 PB115000BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.7	13.1
92	114.7	97.0	145.4

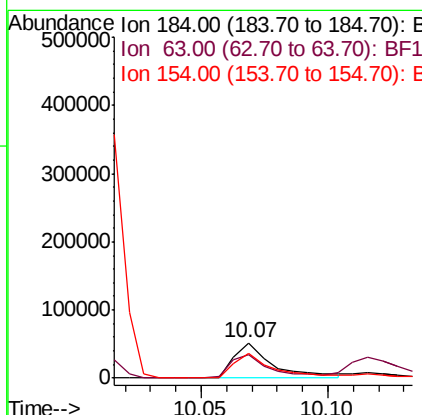
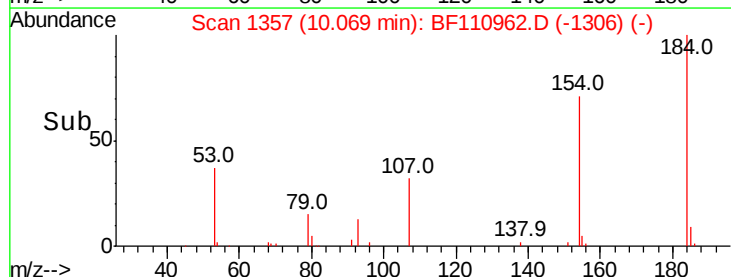
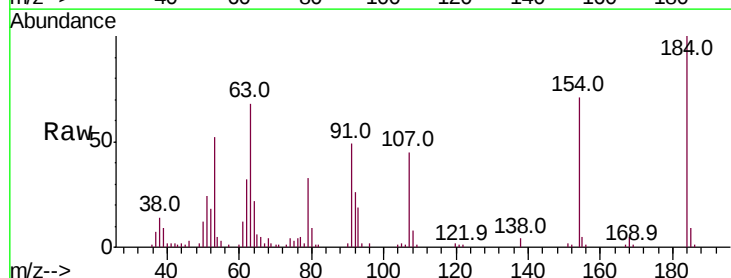
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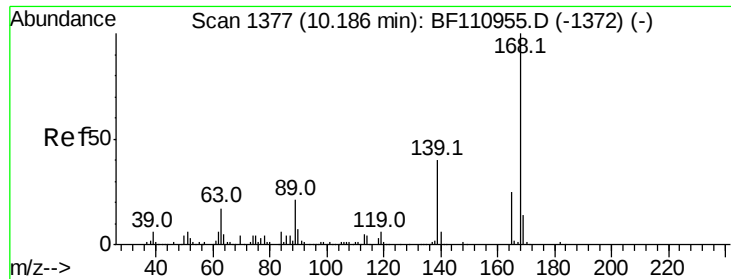
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#54
 2,4-Dinitrophenol
 Concen: 76.069 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.1	55.8	83.6
154	71.5	63.2	94.8





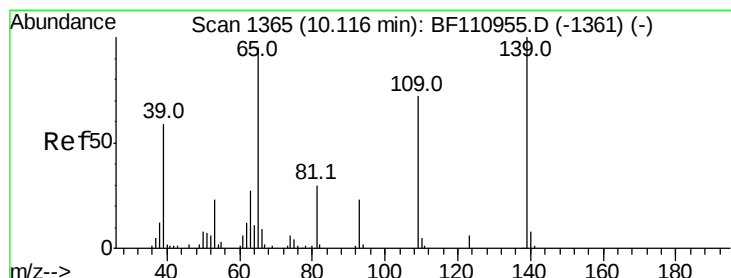
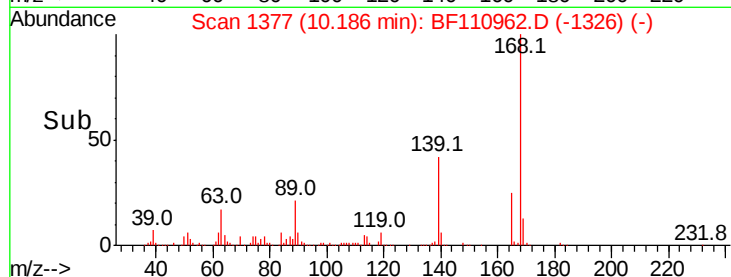
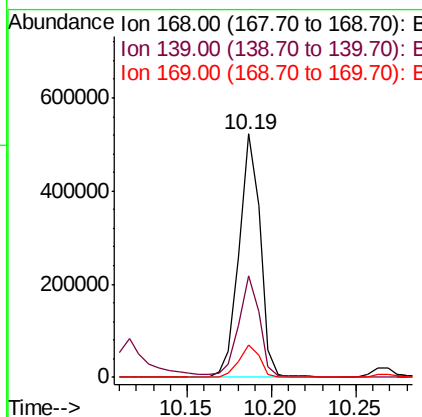
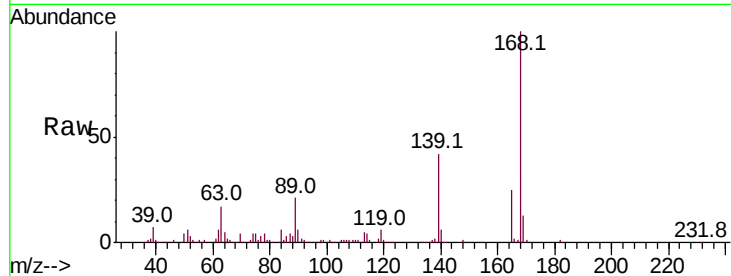
#55
Dibenzofuran
Concen: 40.007 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	33.0	49.6
169	13.4	11.3	16.9

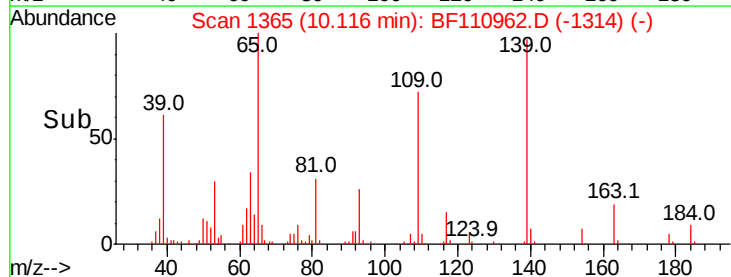
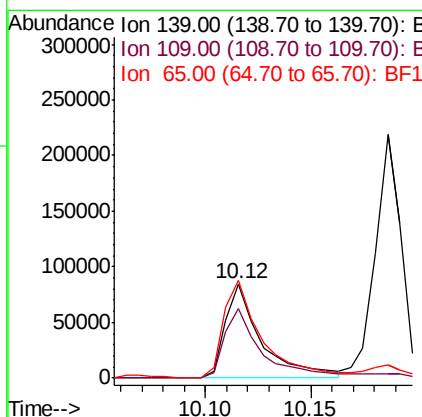
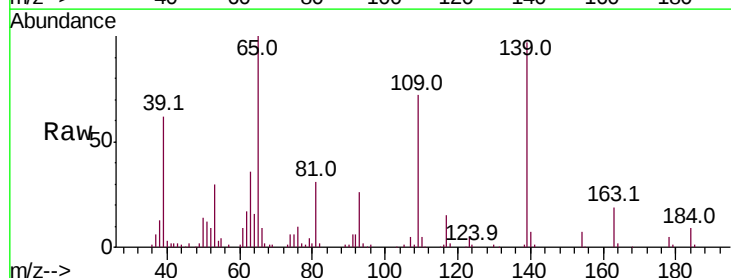
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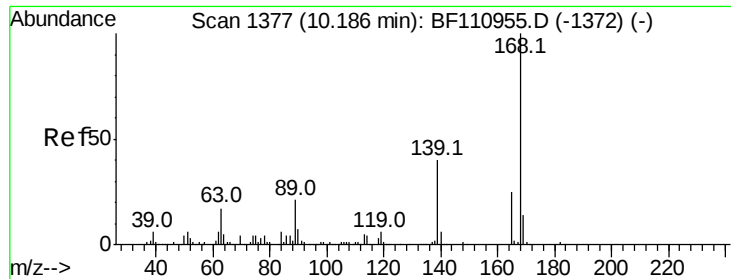
mohammad
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#56
4-Nitrophenol
Concen: 75.177 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.1	55.8	95.8
65	103.0	77.9	117.9





#57

2,4-Dinitrotoluene

Concen: 41.476 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

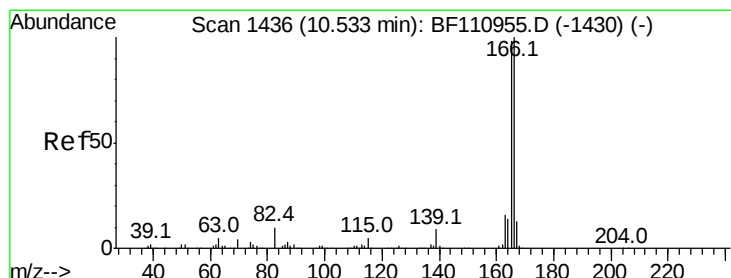
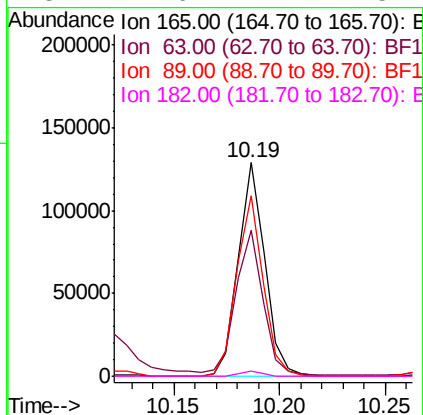
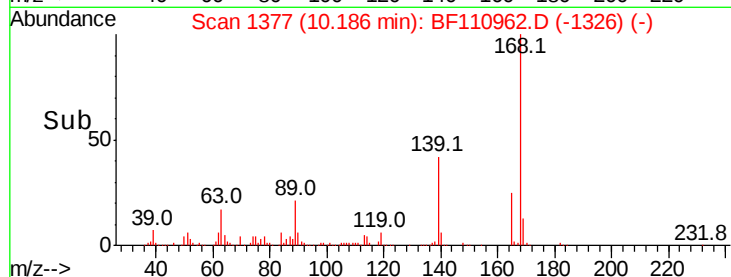
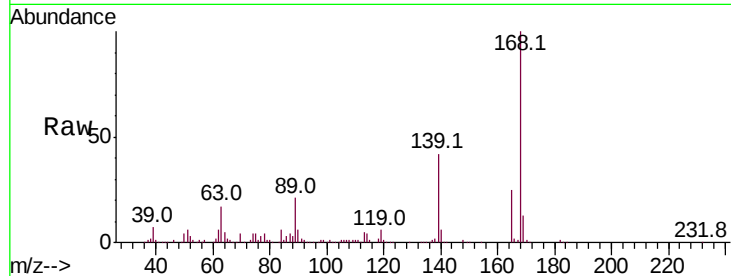
ClientSampleId :

PB115000BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.6	44.8	67.2#	
89	84.7	62.2	93.4	
182	2.6	2.1	3.1	

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#58

Fluorene

Concen: 43.086 ng

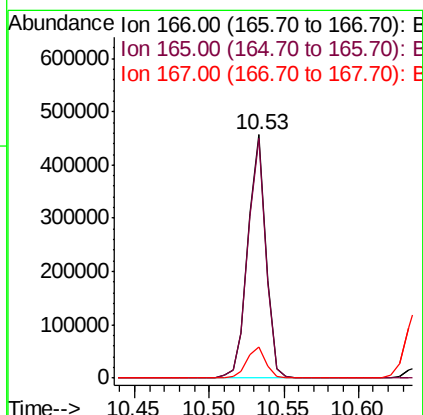
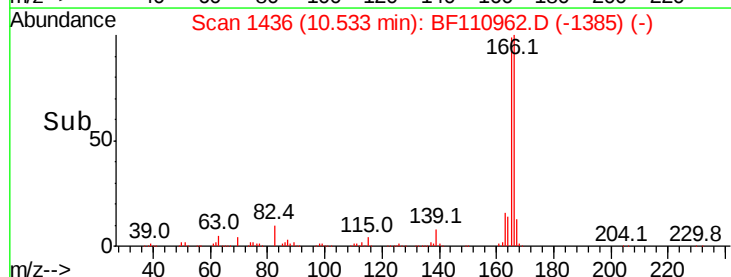
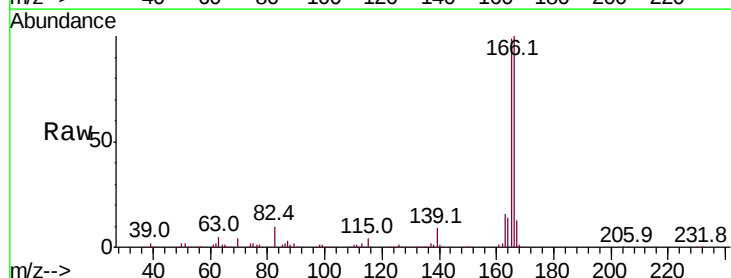
RT: 10.53 min Scan# 1436

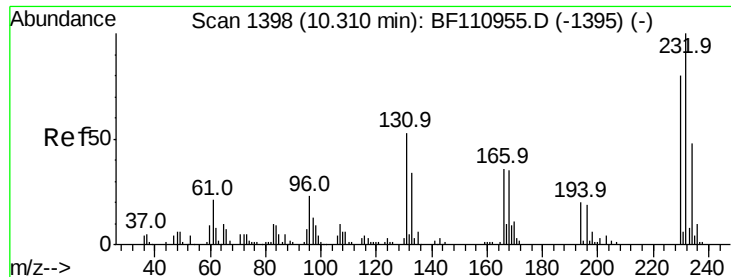
Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.7	78.6	117.8	
167	12.9	10.8	16.2	





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.928 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

ClientSampleId :

PB115000BS

Tot Ion:232 Resp: 91210

Ion Ratio Lower Upper

232 100

131 49.5 37.0 55.4

130 2.4 1.8 2.6

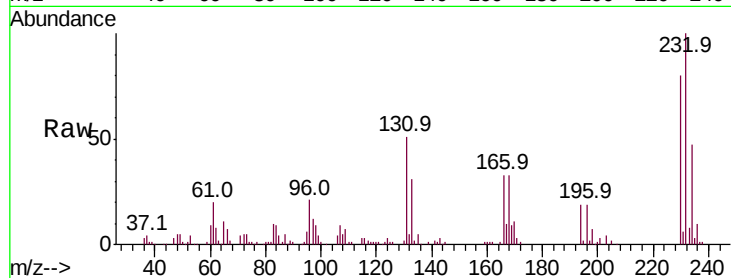
166 31.1 22.0 33.0

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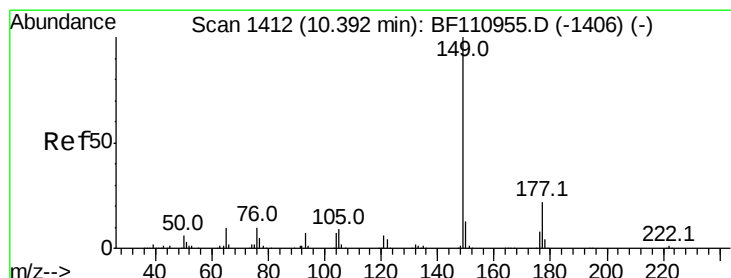
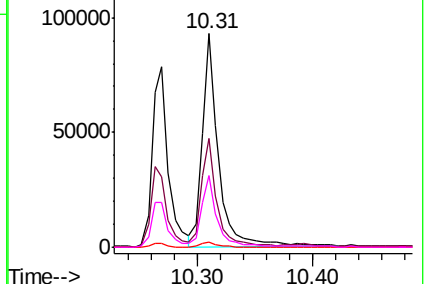
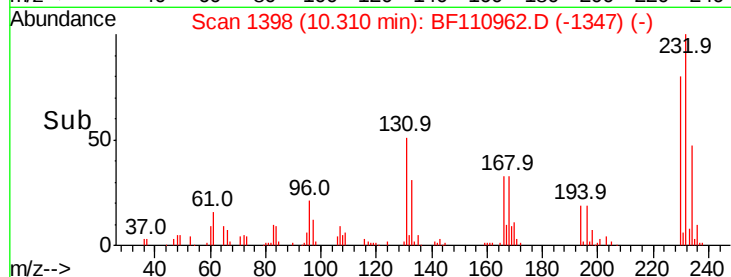


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.009 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

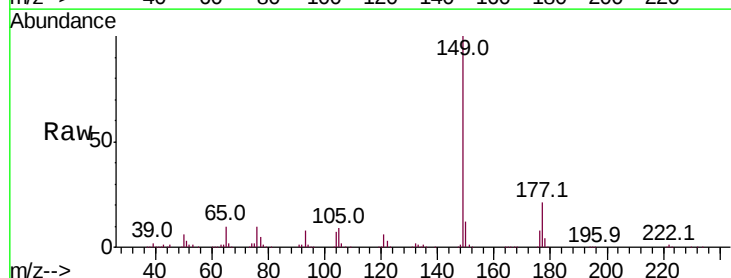
Tgt Ion:149 Resp: 386981

Ion Ratio Lower Upper

149 100

177 21.1 17.4 26.2

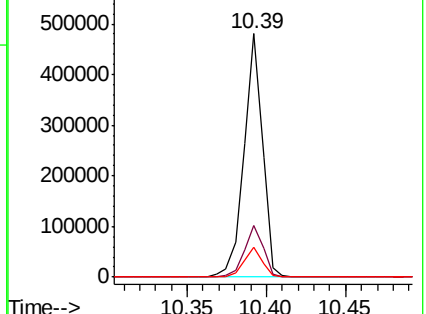
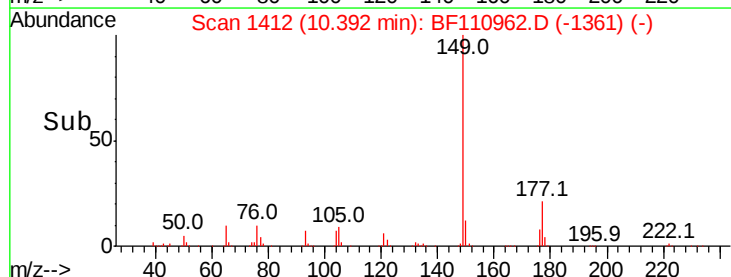
150 12.4 9.8 14.8

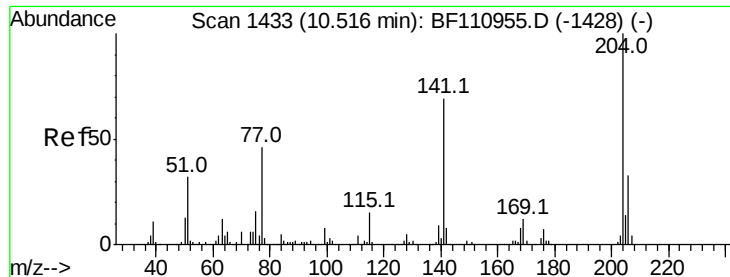


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





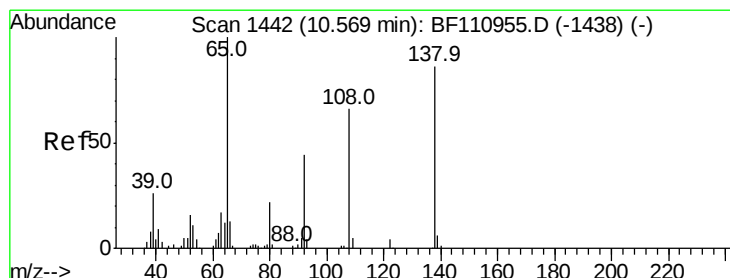
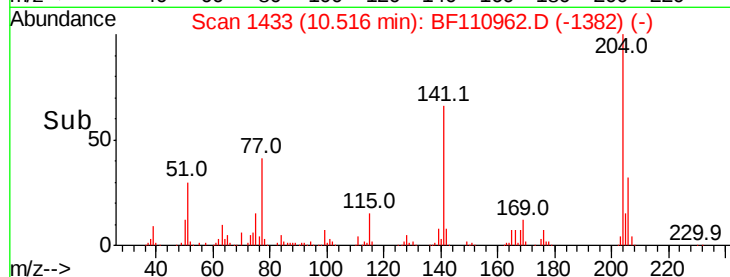
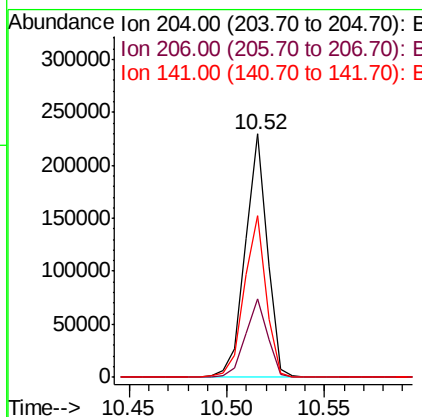
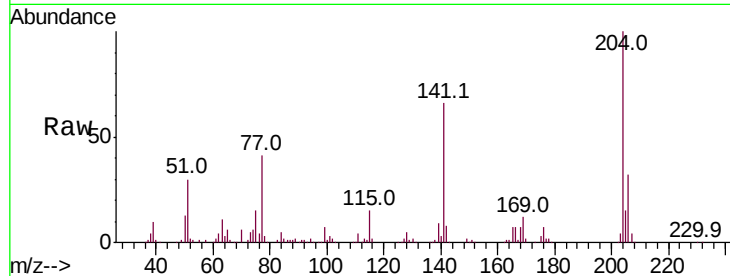
#61
4-Chlorophenyl-phenylether
Concen: 38.836 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	66.2	51.8	77.8

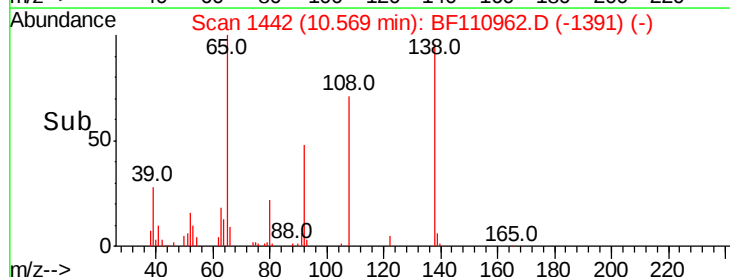
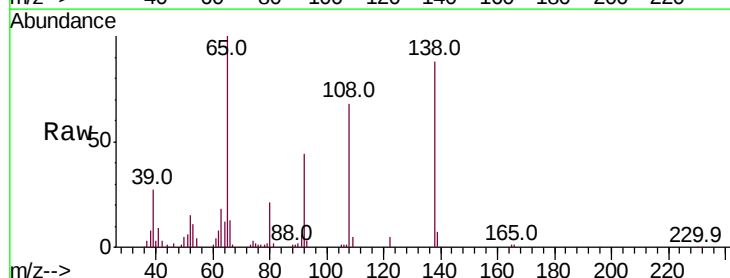
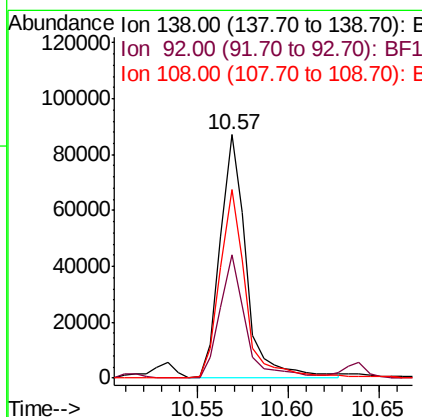
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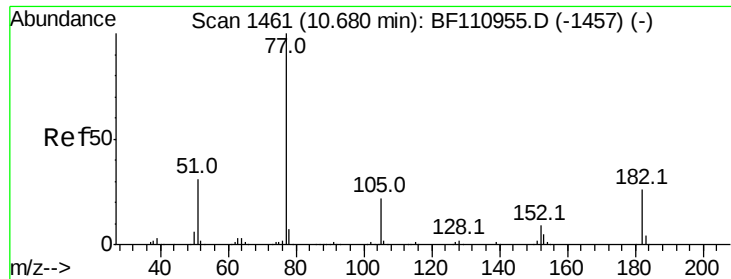
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#62
4-Nitroaniline
Concen: 38.816 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.7	71.7
108	77.5	59.3	99.3





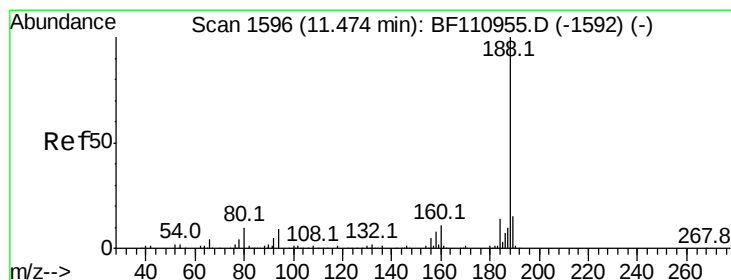
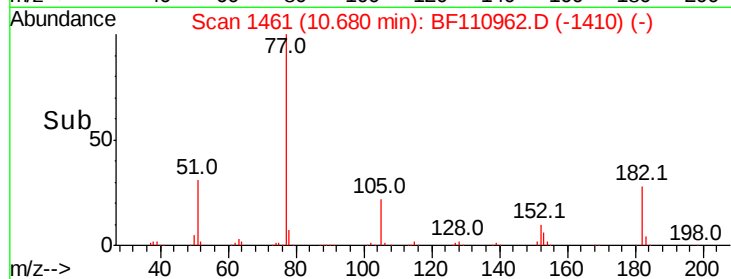
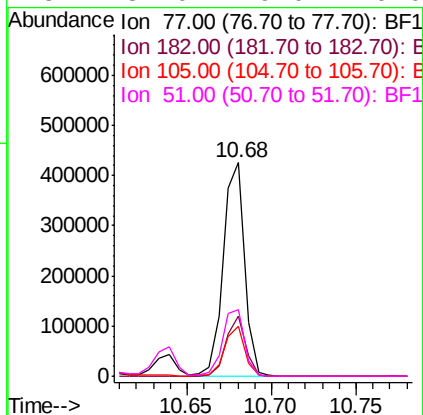
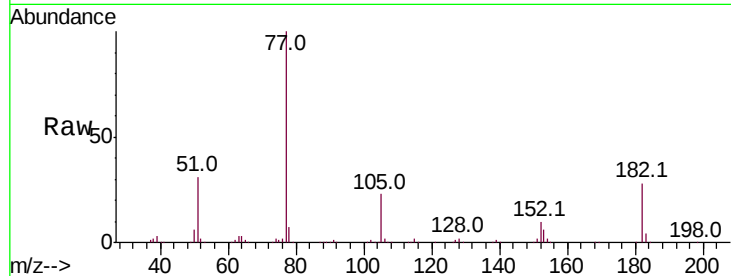
#63
Azobenzene
Concen: 39.784 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	4.3	44.3
105	23.1	1.3	41.3
51	31.0	9.0	49.0

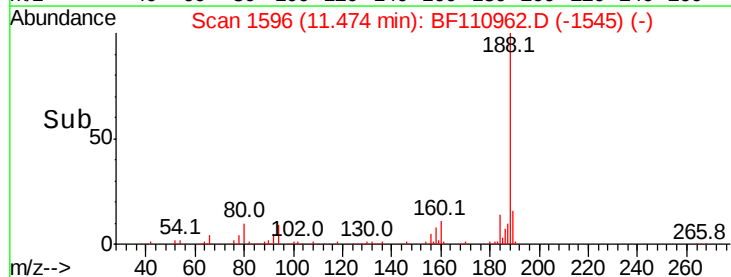
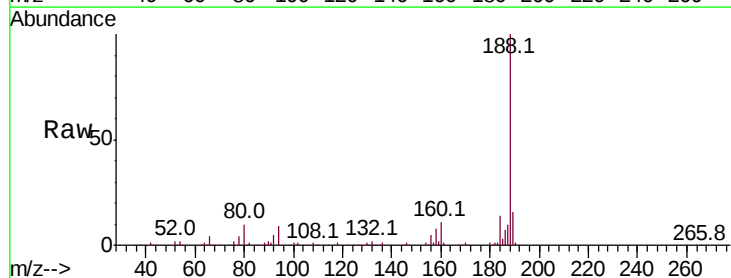
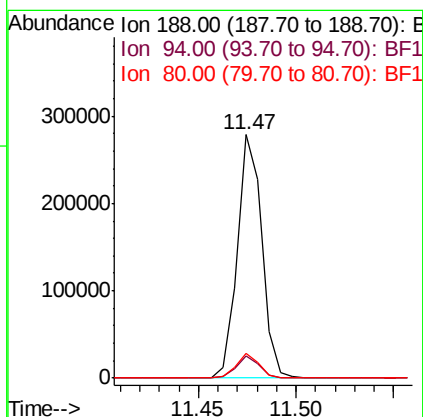
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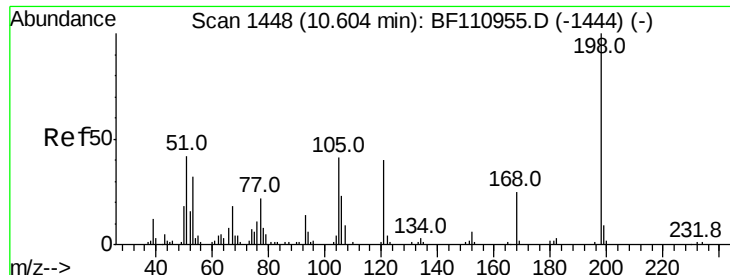
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.0	7.9	11.9





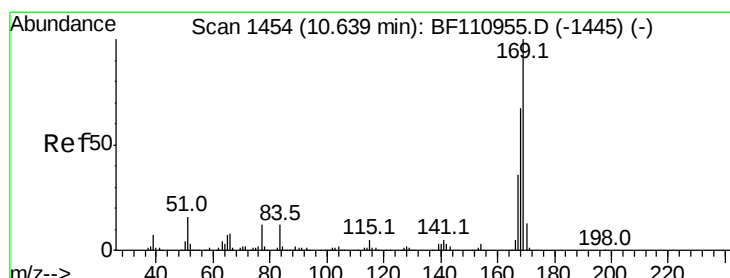
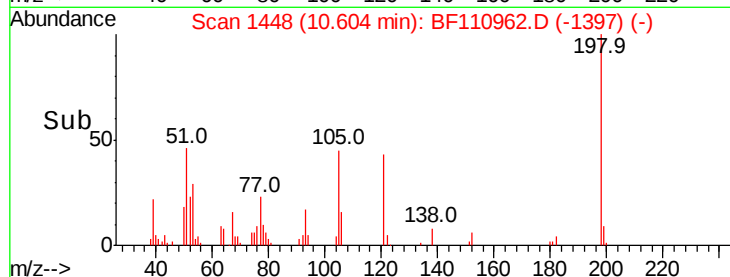
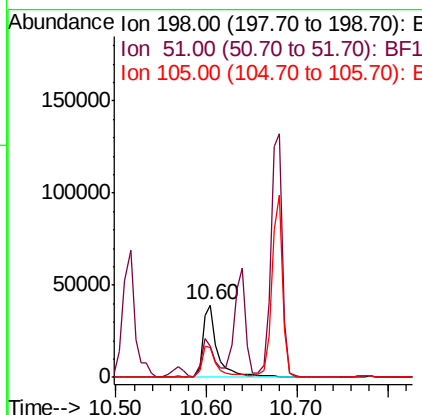
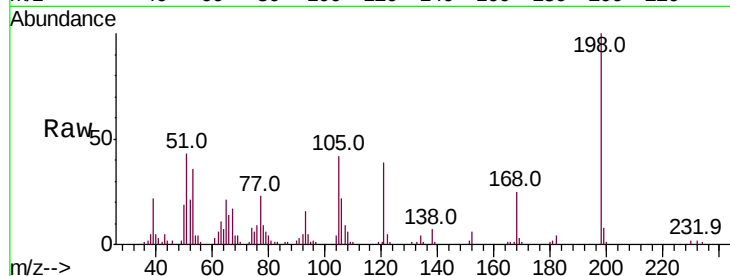
#65
4,6-Dinitro-2-methylphenol
Concen: 39.308 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	45160		
51	42.8		22.8	62.8
105	41.5		23.6	63.6

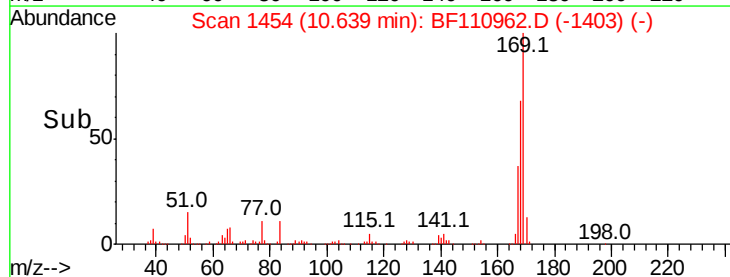
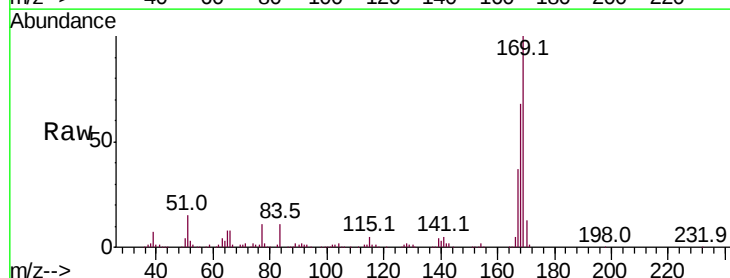
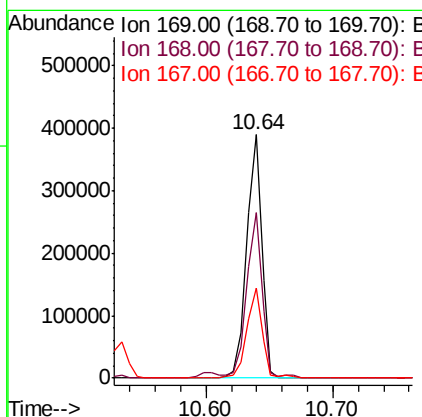
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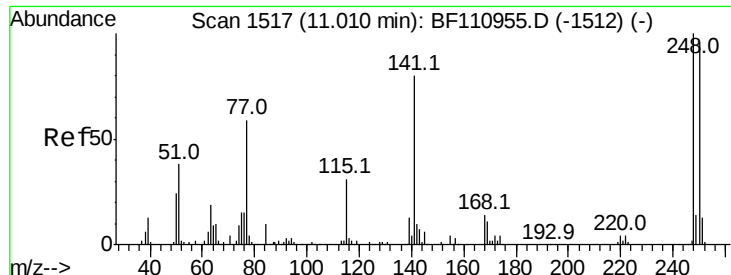
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 40.161 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	324702		
168	68.0		51.2	76.8
167	36.7		27.8	41.6





#67

4-Bromophenyl-phenylether

Concen: 39.488 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

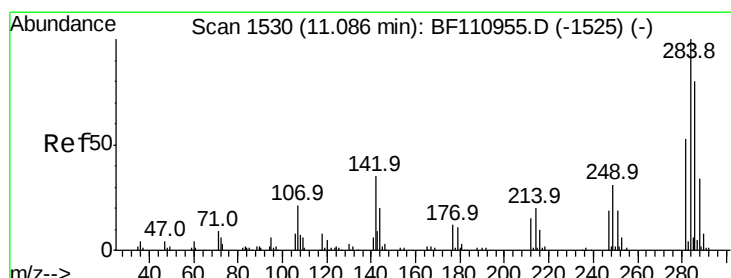
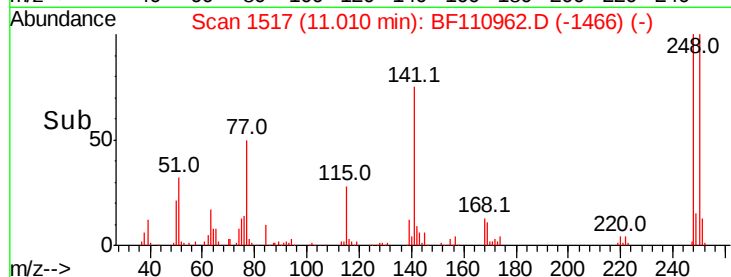
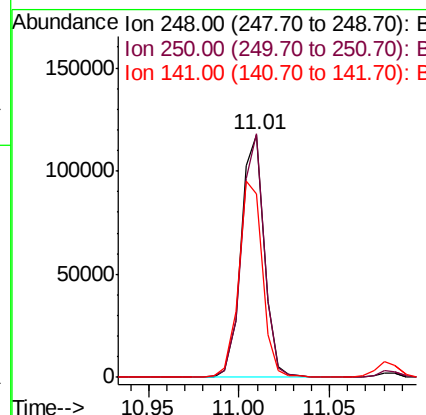
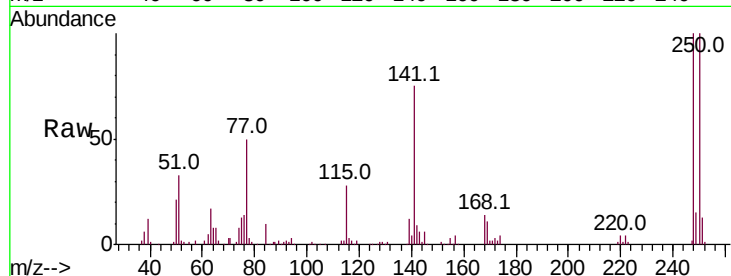
ClientSampleId :

PB115000BS

Tot Ion:	248	Resp:	104449
Ion Ratio	Lower	Upper	
248	100		
250	100.4	79.4	119.2
141	75.7	55.9	83.9

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#68

Hexachlorobenzene

Concen: 39.635 ng

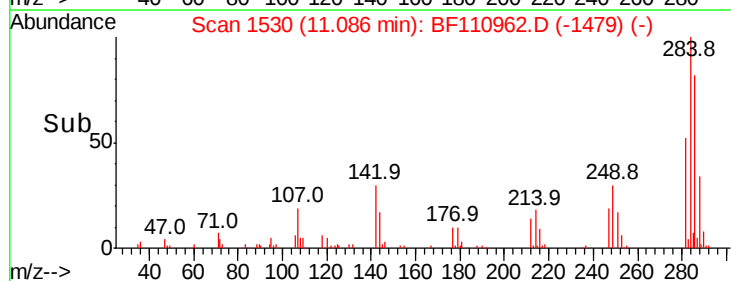
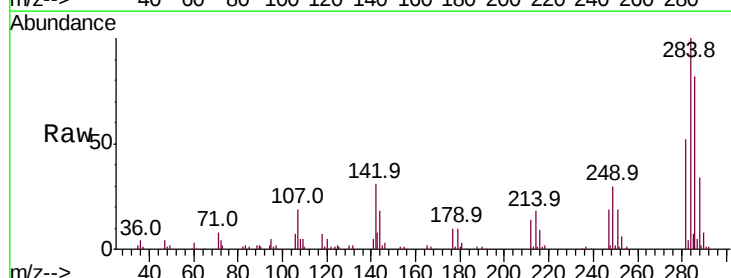
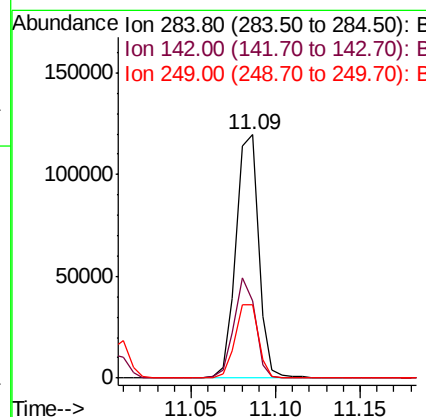
RT: 11.09 min Scan# 1530

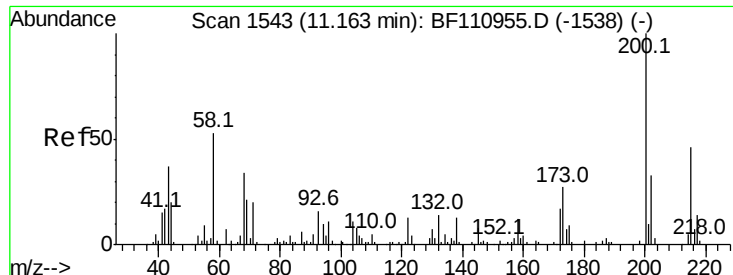
Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Tgt Ion:	284	Resp:	111665
Ion Ratio	Lower	Upper	
284	100		
142	31.5	23.9	35.9
249	30.3	24.2	36.2





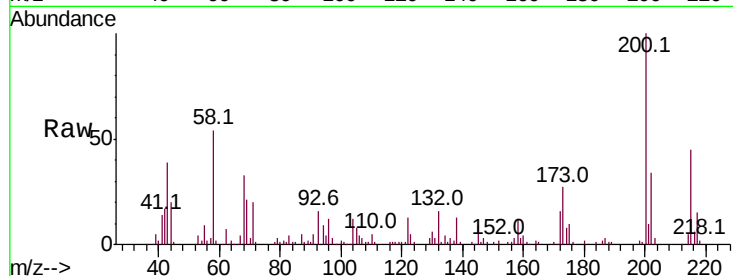
#69
Atrazine
Concen: 55.154 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.1	6.6	46.6	
215	45.5	26.3	66.3	

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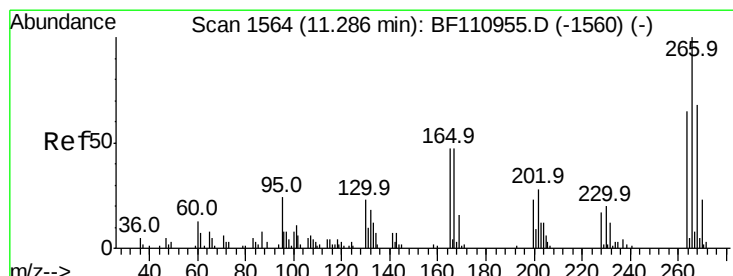
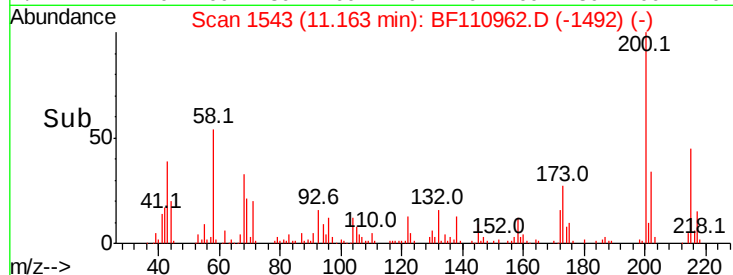
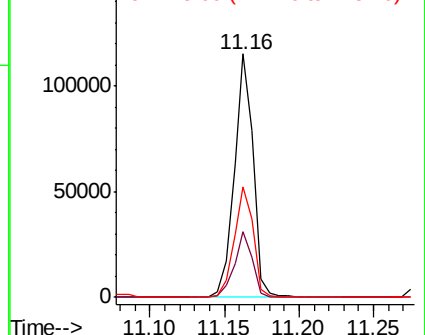


Abundance

Ion 200.00 (199.70 to 200.70): E

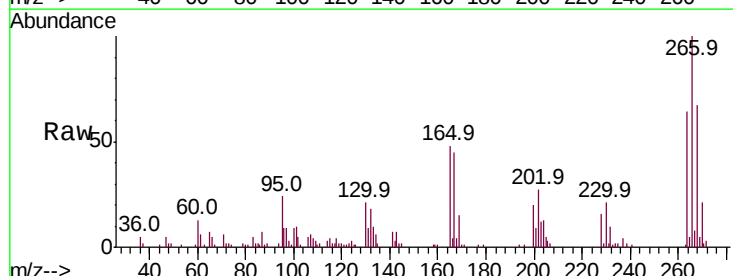
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 75.309 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	66.5	50.6	75.8	
264	64.2	50.6	75.8	

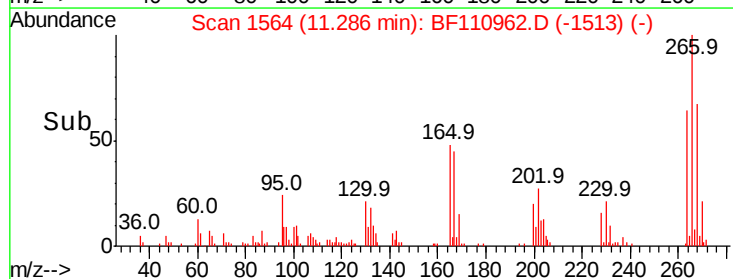
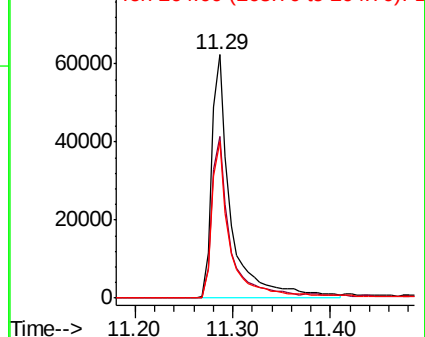


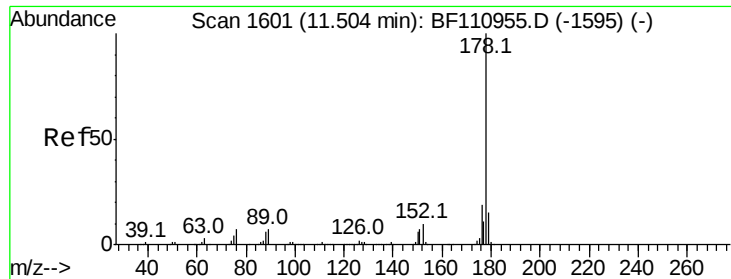
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.134 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

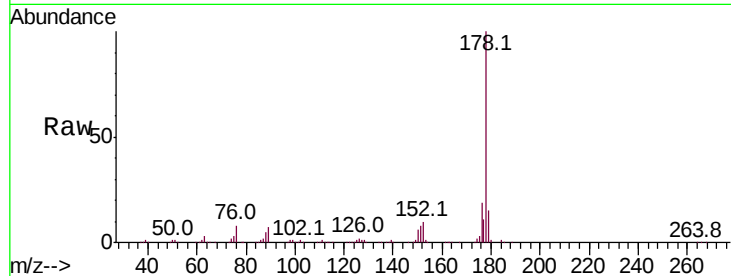
ClientSampleId :

PB115000BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.0	12.5	18.7

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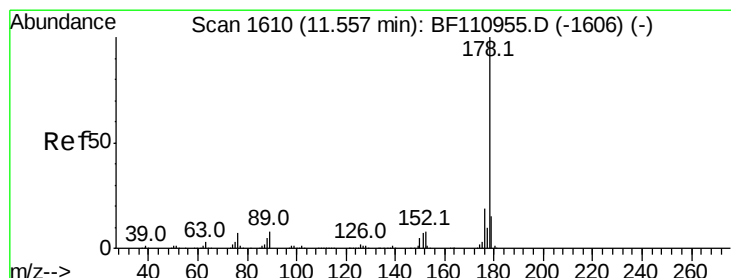
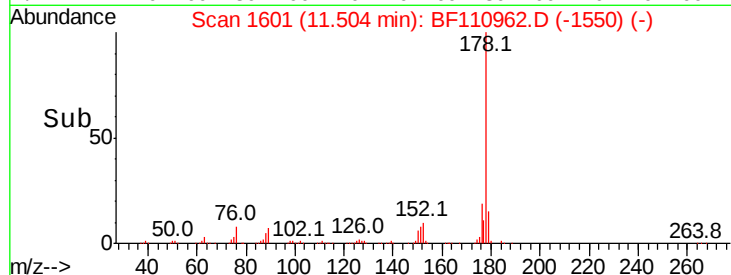
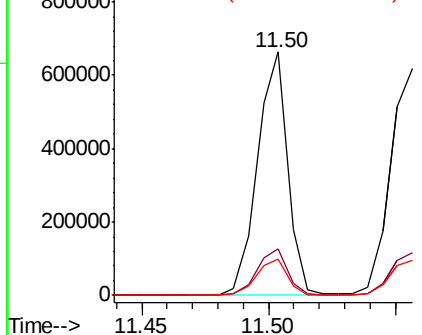


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.752 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

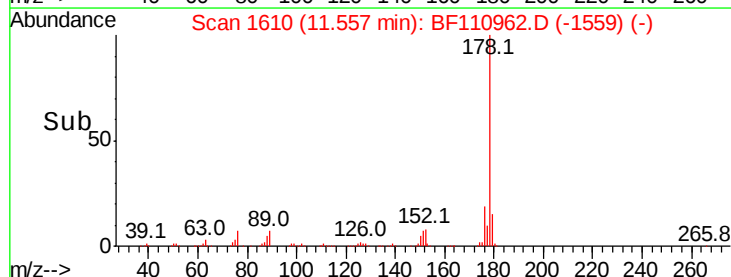
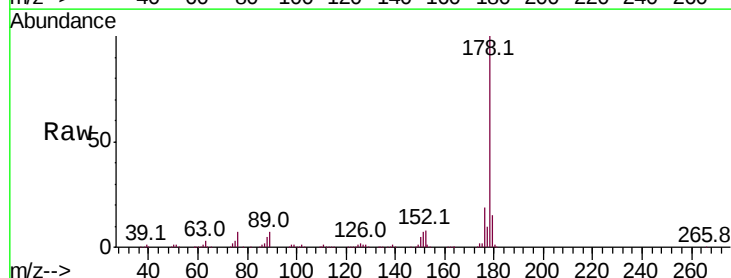
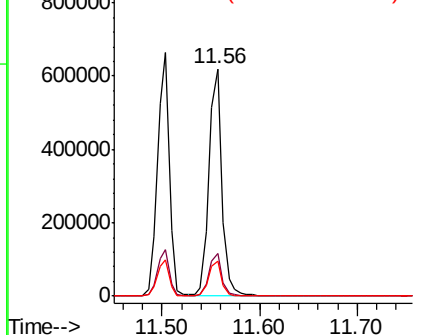
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.4	12.6	18.8

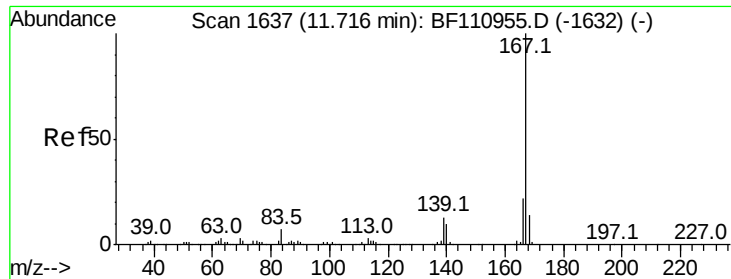
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





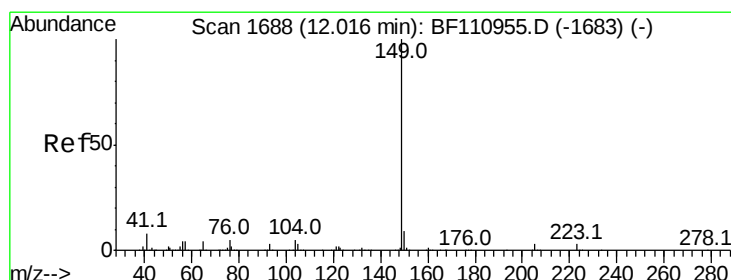
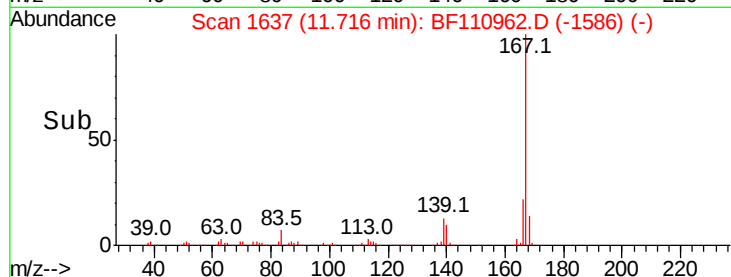
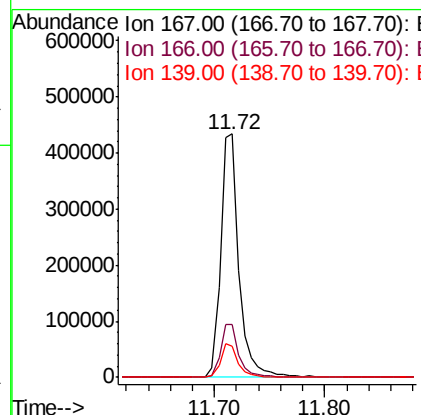
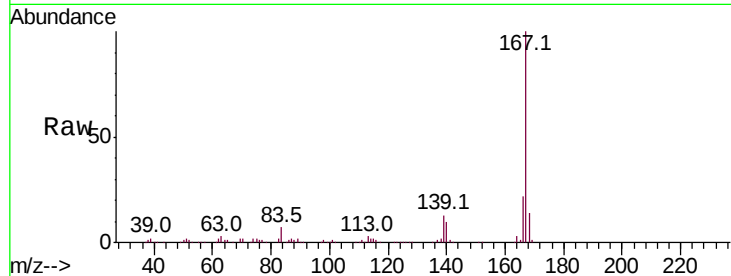
#73
 Carbazole
 Concen: 39.075 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB115000BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	496831		
166	21.7		17.4	26.0
139	13.0		10.9	16.3

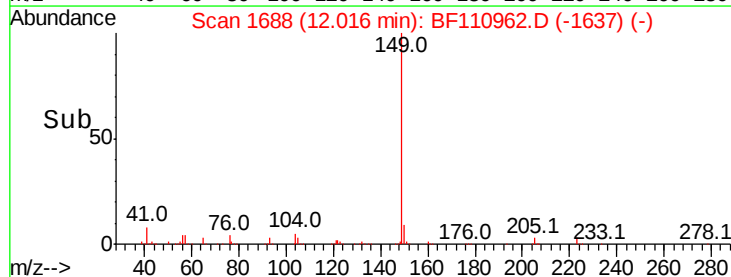
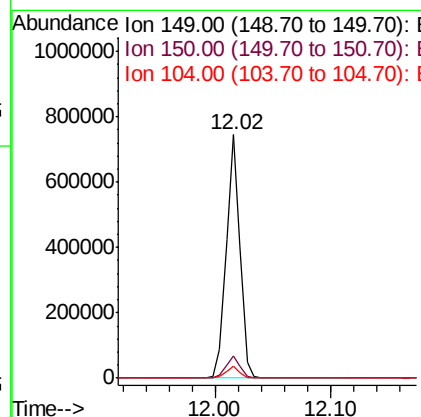
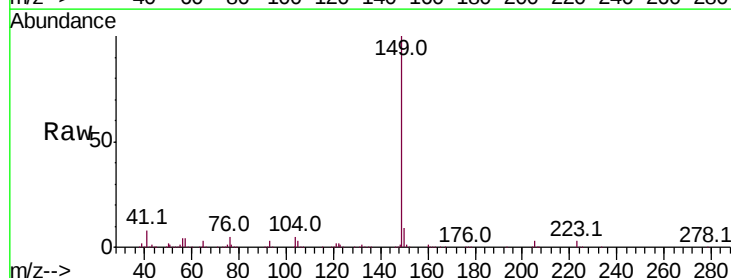
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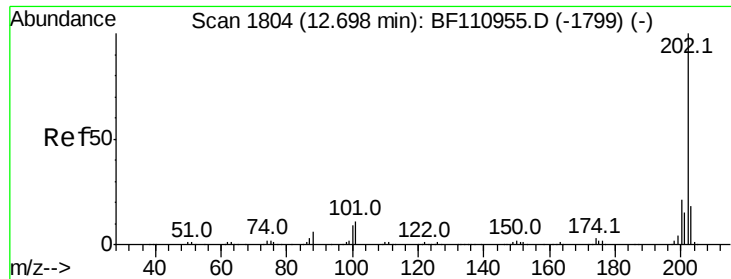
mohammad
 11/27/2018 11:47:31 AM



#74
 Di-n-butylphthalate
 Concen: 41.267 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	613483		
150	9.0		7.7	11.5
104	4.9		4.2	6.4





#75

Fluoranthene

Concen: 42.629 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

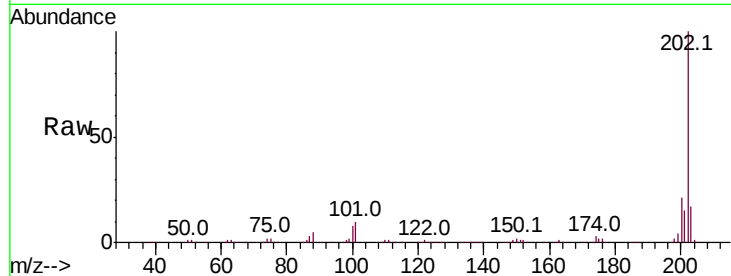
ClientSampleId :

PB115000BS

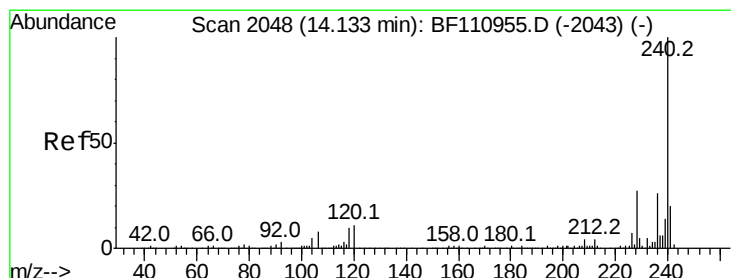
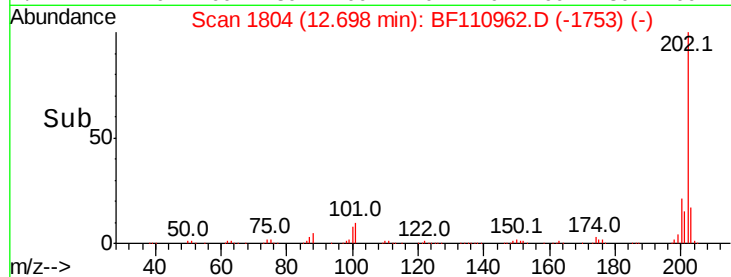
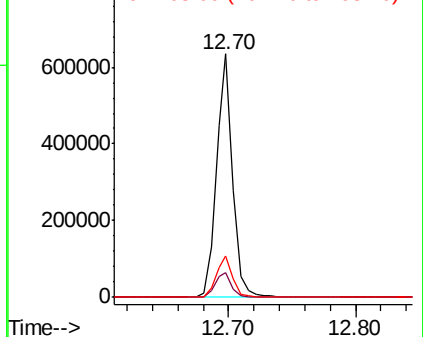
Tot Ion	Ratio	Resp	Lower	Upper
202	100	563584		
101	10.3	0.0	31.4	
203	17.2	0.0	37.7	

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



#76

Chrysene-d12

Concen: 20.000 ng

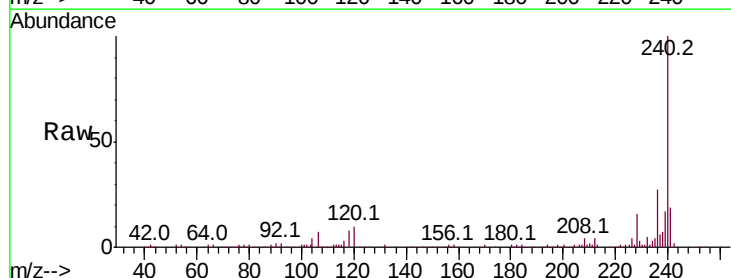
RT: 14.13 min Scan# 2048

Delta R.T. -0.00 min

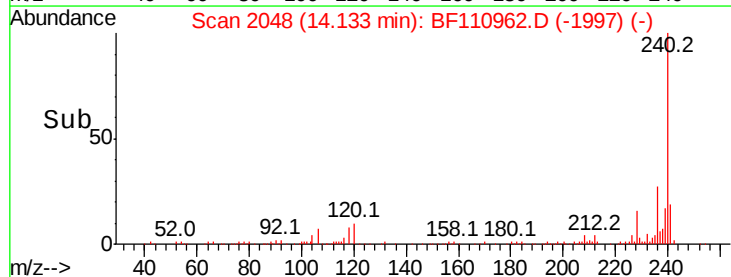
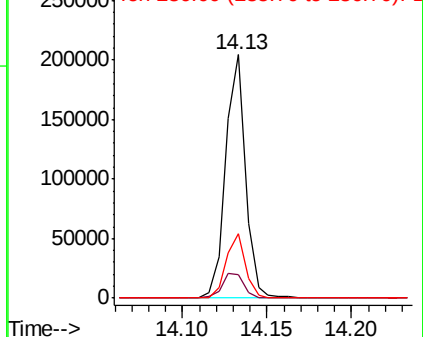
Lab File: BF110962.D

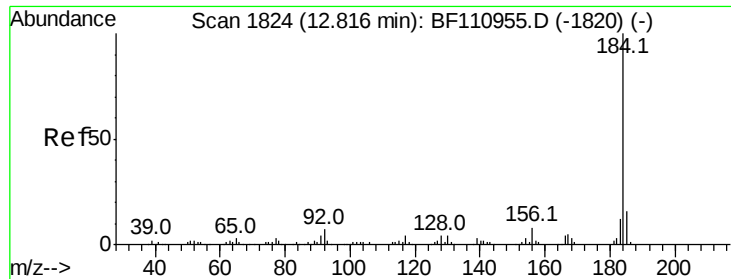
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	166744		
120	9.6	8.3	12.5	
236	26.6	21.2	31.8	



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





#77

Benzidine

Concen: 43.650 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

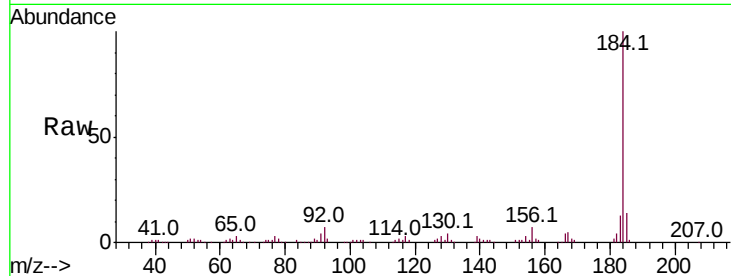
ClientSampleId :

PB115000BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	186166		
185	14.2		13.4	20.2
183	12.5		9.4	14.2

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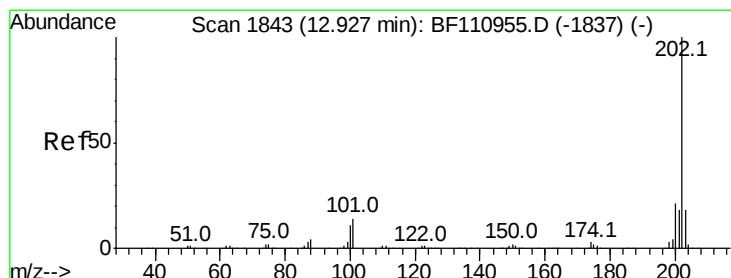
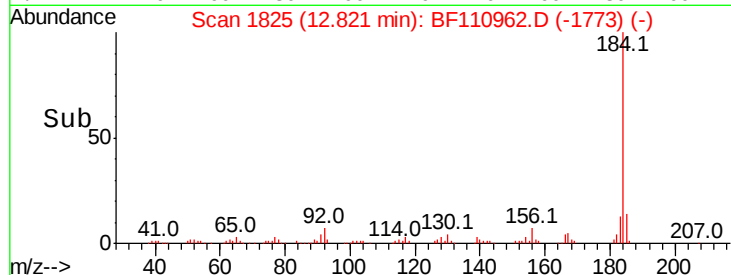
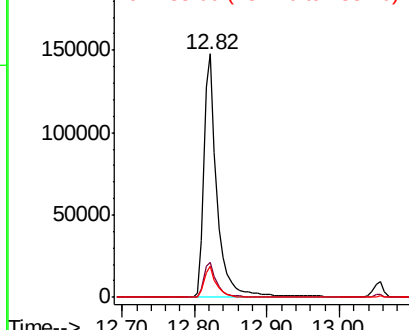


Abundance

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: 46.372 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

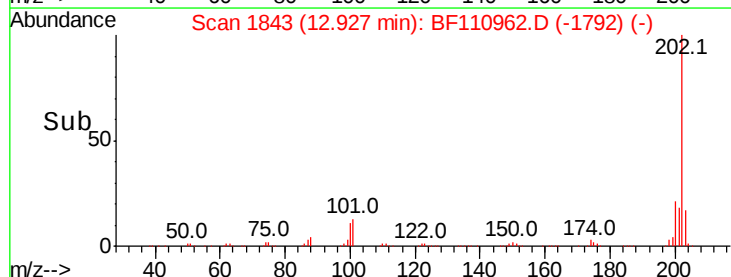
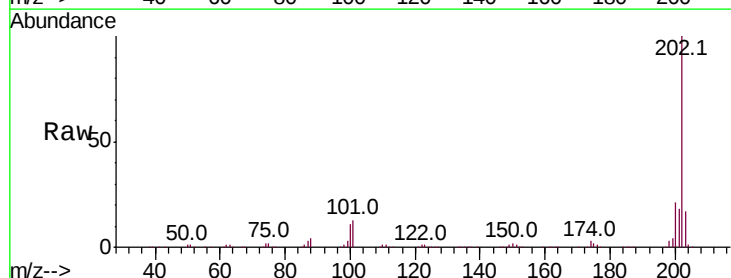
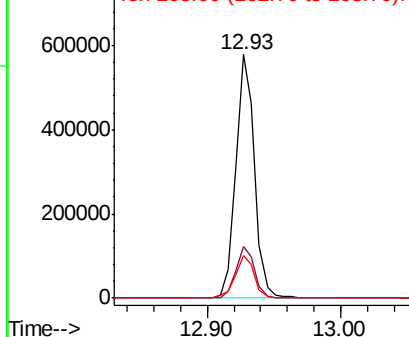
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	564743		
200	21.0		17.8	26.6
203	17.3		14.2	21.4

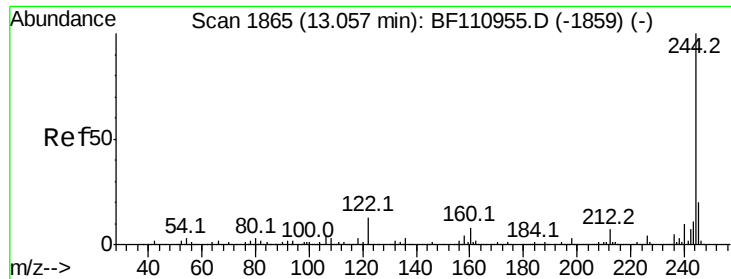
Abundance

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





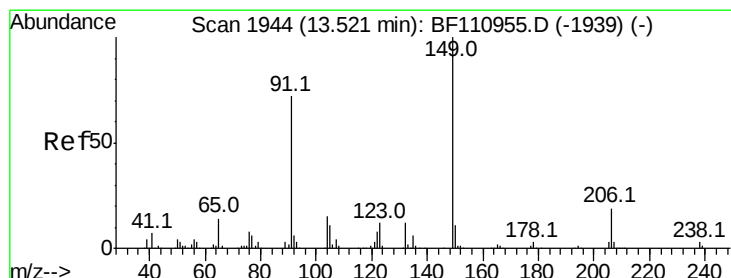
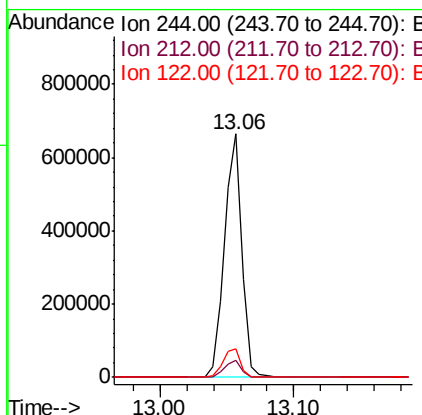
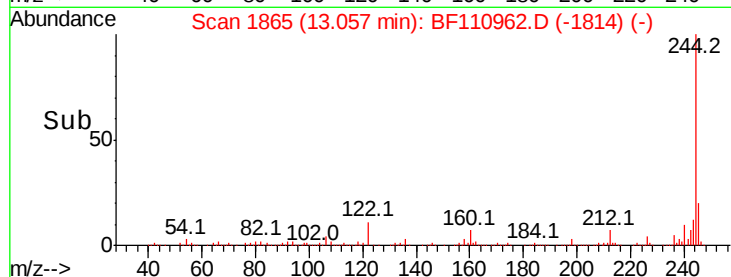
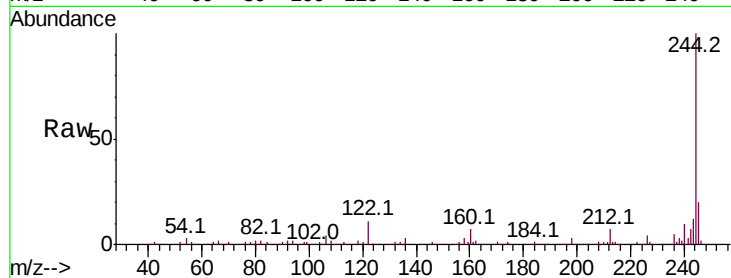
#79
 Terphenyl-d14
 Concen: 71.250 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB115000BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.5	8.7	13.1

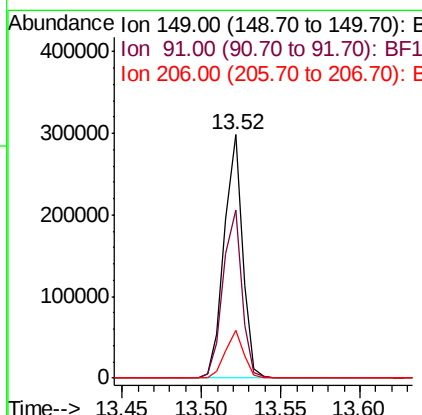
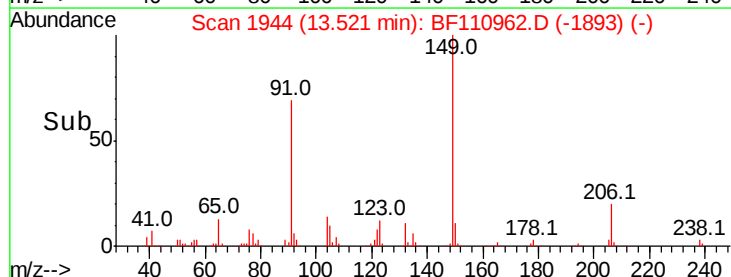
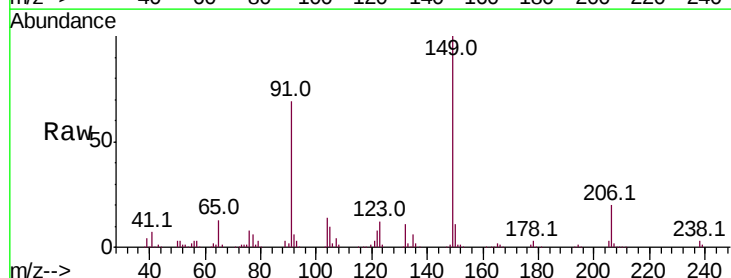
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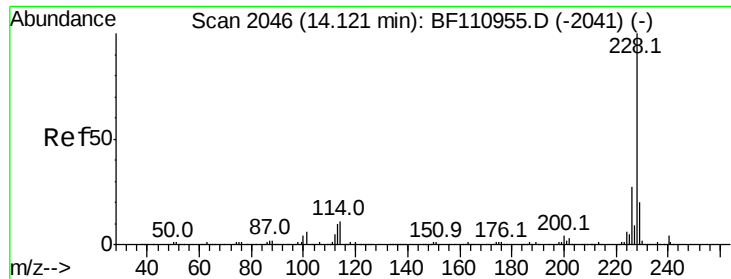
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#80
 Butylbenzylphthalate
 Concen: 43.855 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BF110962.D
 Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.1	57.2	85.8
206	19.9	15.7	23.5





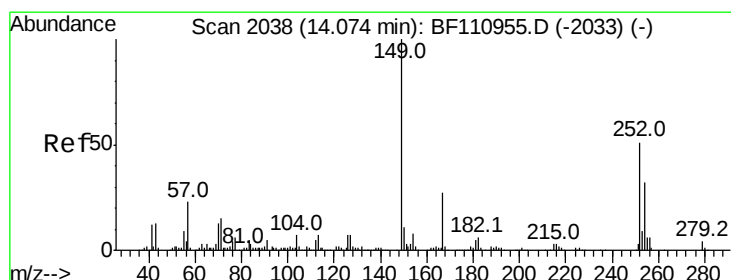
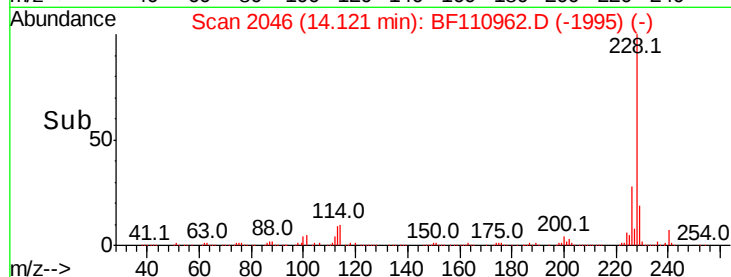
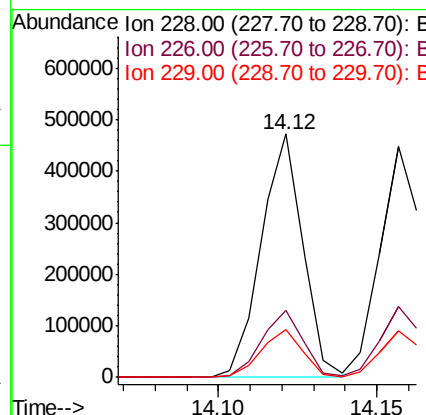
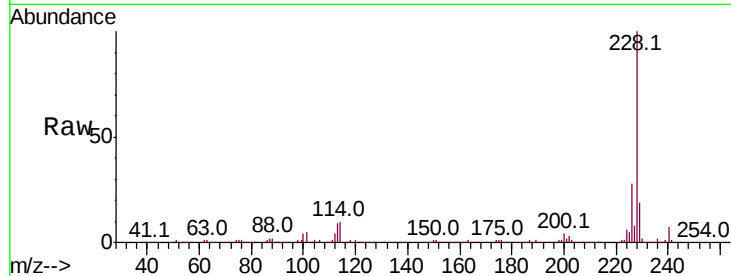
#81
Benzo(a)anthracene
Concen: 43.683 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	19.5	15.6	23.4

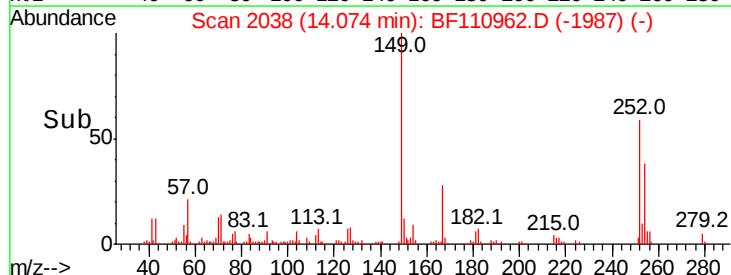
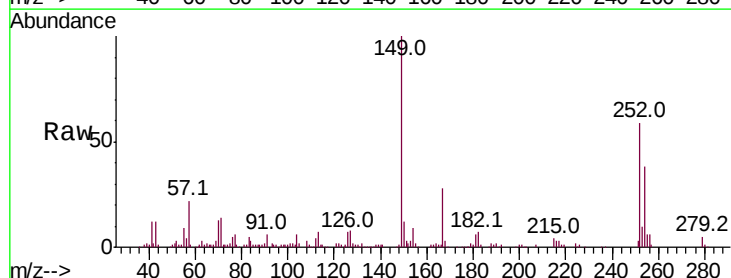
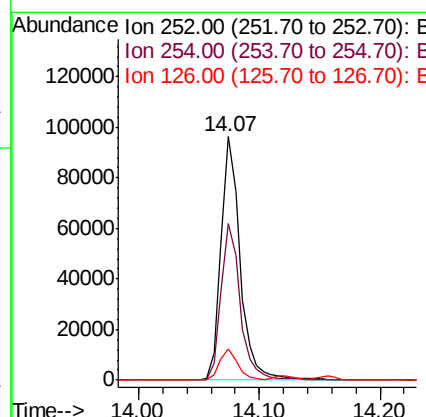
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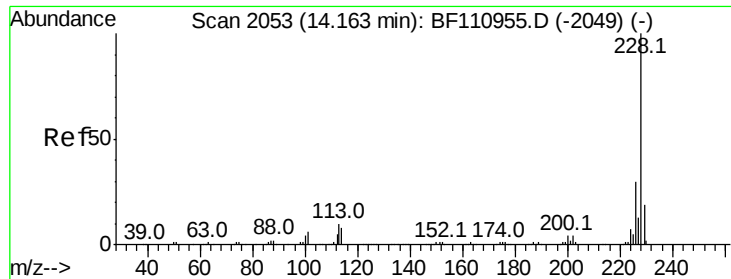
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 31.080 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.3	76.9
126	12.8	9.4	14.2





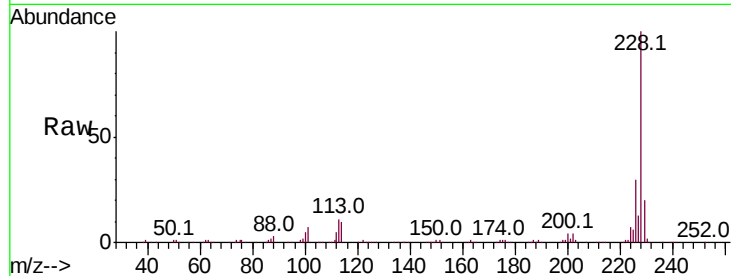
#83
Chrysene
Concen: 42.652 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	20.1	15.9	23.9

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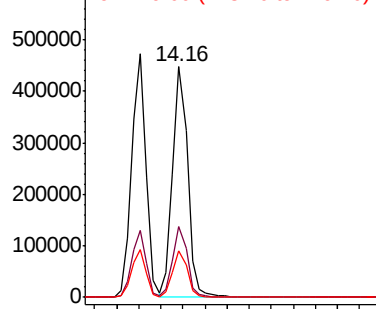


Abundance

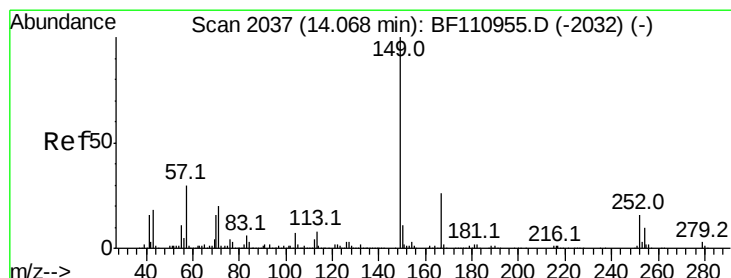
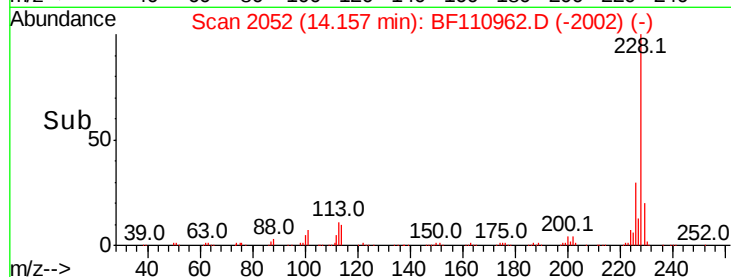
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.809 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

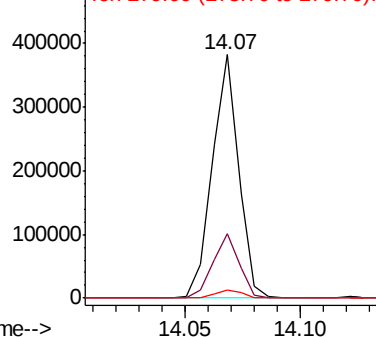
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	19.8	29.8
279	3.5	2.7	4.1

Abundance

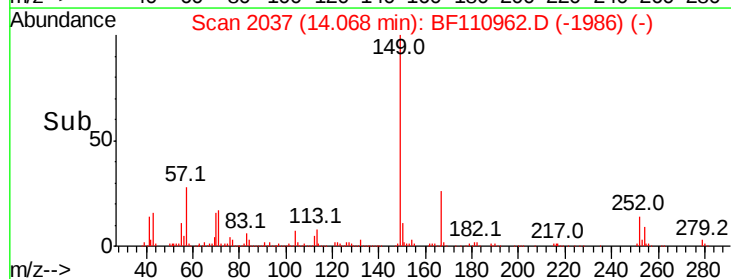
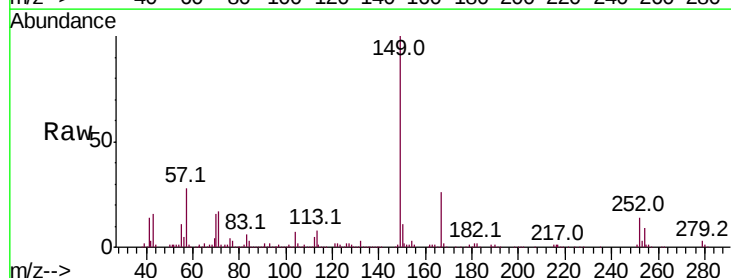
Ion 149.00 (148.70 to 149.70): E

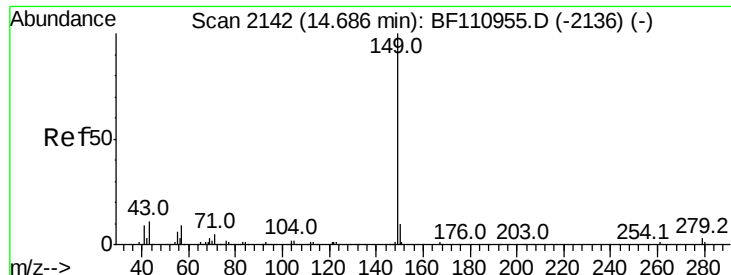
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





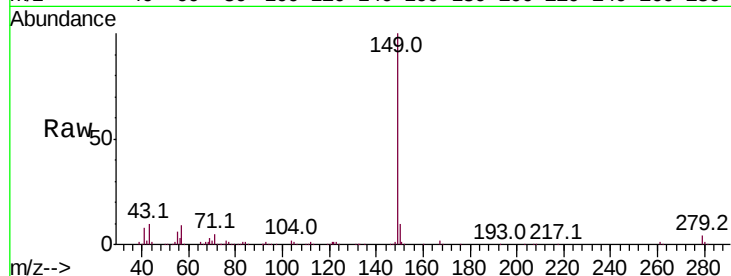
#85
Di-n-octyl phthalate
Concen: 39.646 ng
RT: 14.69 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	10.4	7.8	11.8	

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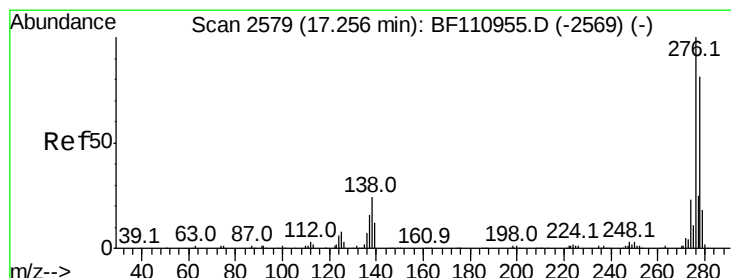
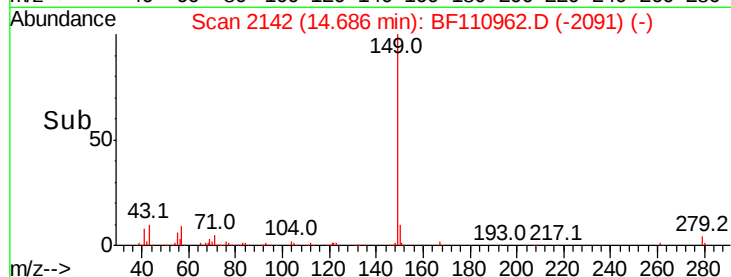
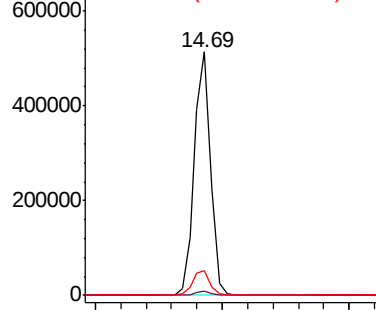


Abundance

Ion 149.00 (148.70 to 149.70): E

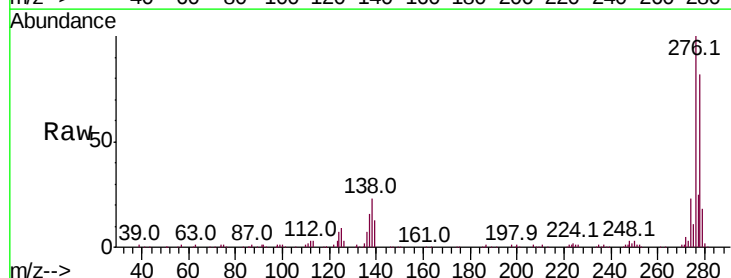
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.368 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	24.5	18.5	27.7	
277	24.8	20.0	30.0	

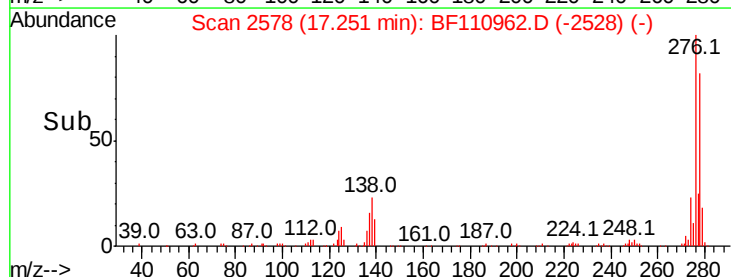
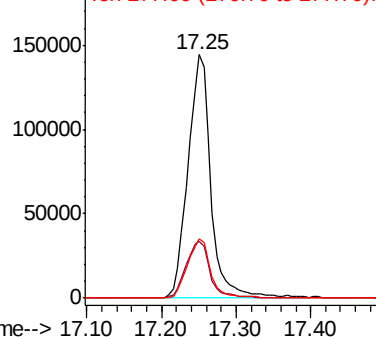


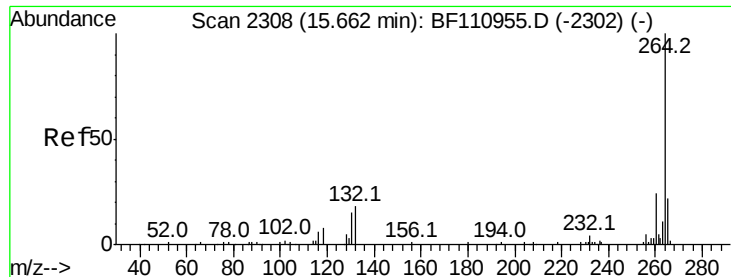
Abundance

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: BF110962.D

Acq: 26 Nov 2018 14:31

Instrument :

BNA_F

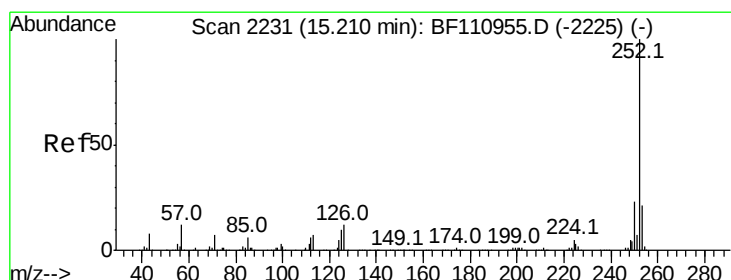
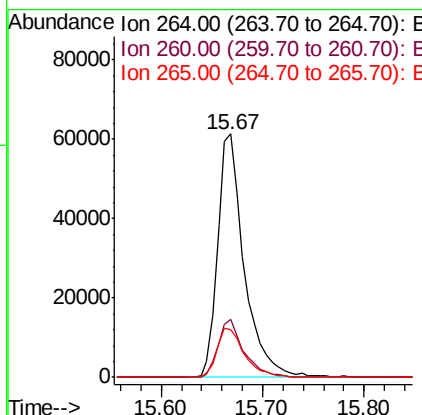
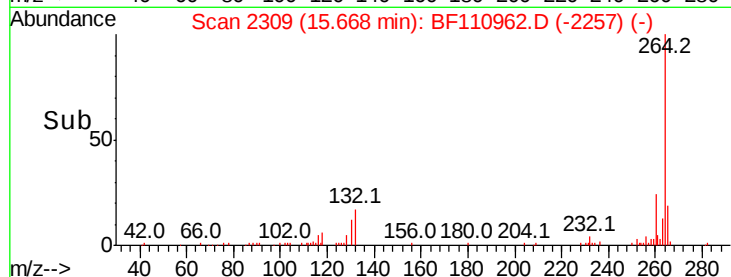
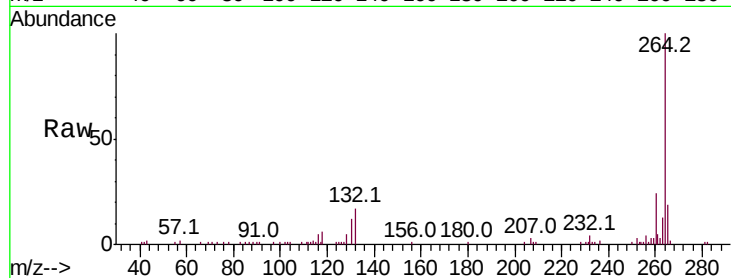
ClientSampleId :

PB115000BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	19.4	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 48.422 ng

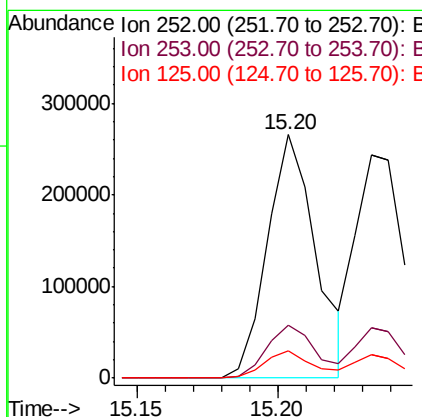
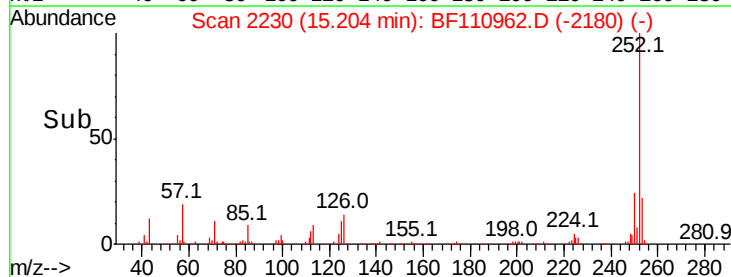
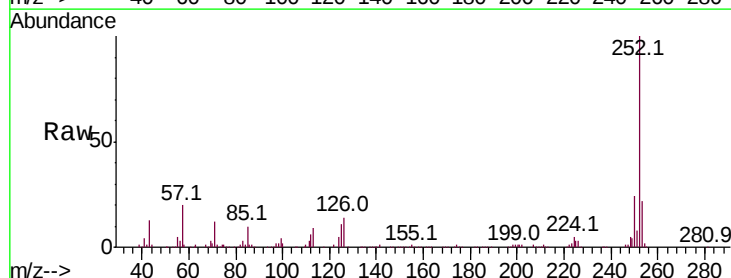
RT: 15.20 min Scan# 2230

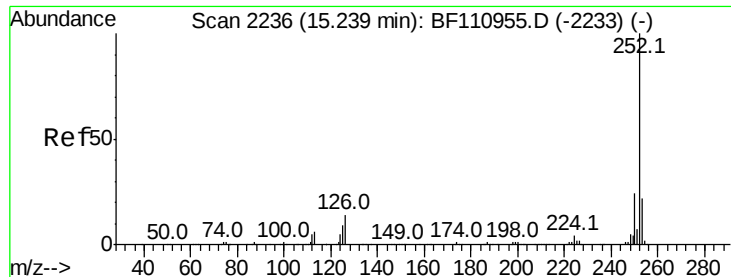
Delta R.T. -0.01 min

Lab File: BF110962.D

Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.2	8.2	12.4





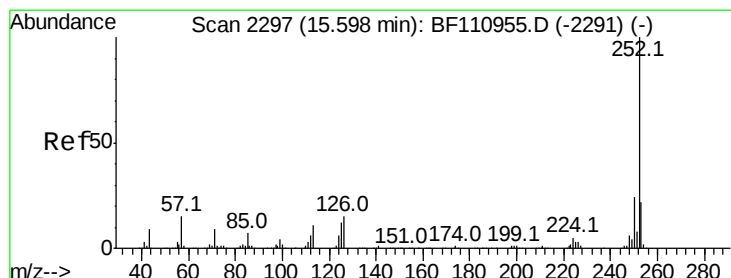
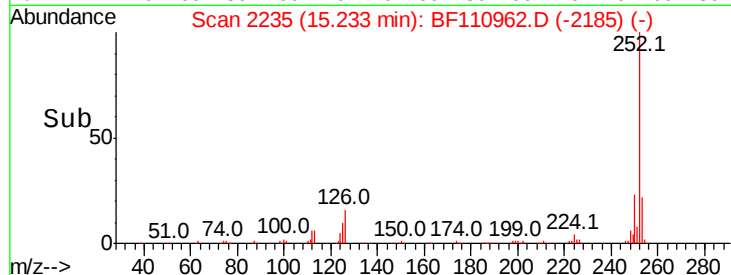
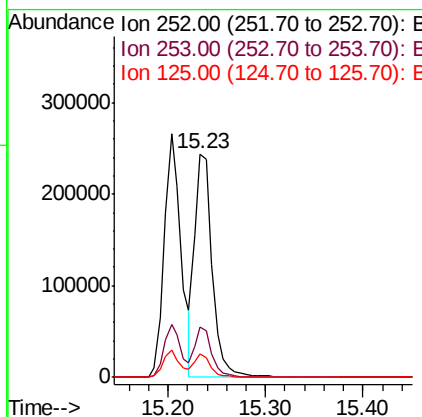
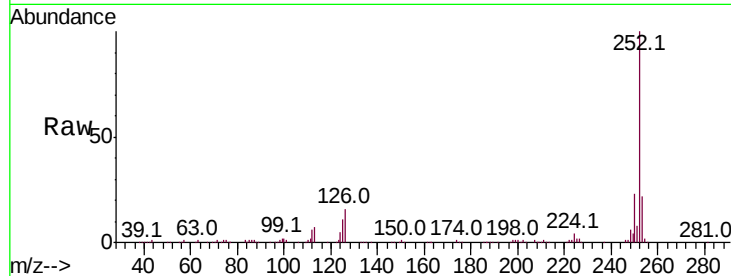
#89
Benzo(k)fluoranthene
Concen: 45.334 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	10.7	7.4	11.0

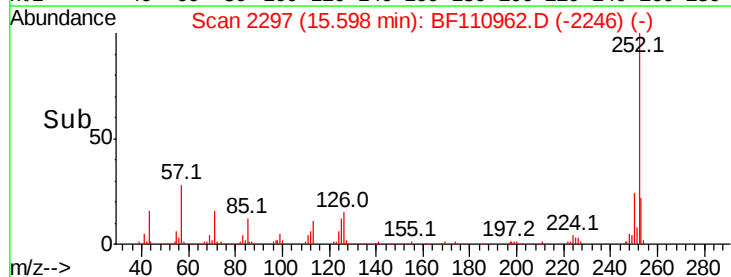
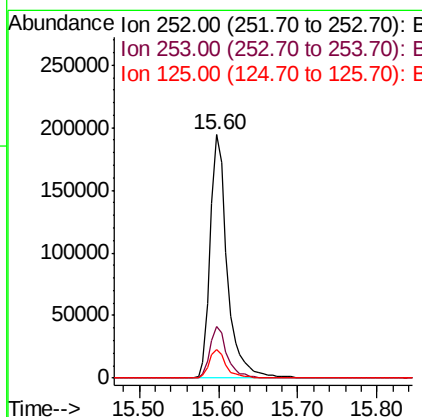
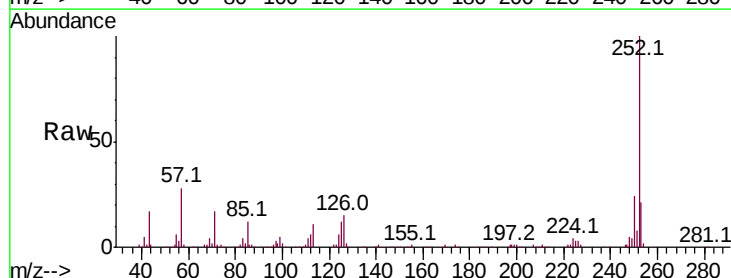
Manual Integrations
APPROVED

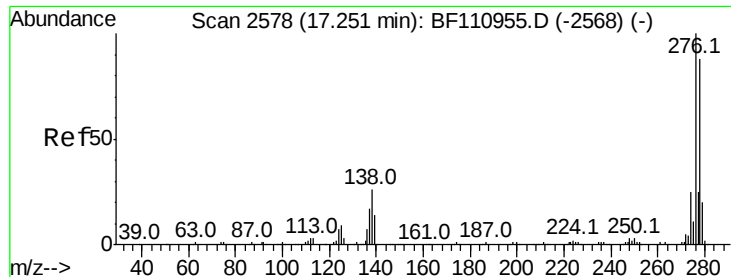
mohammad
11/27/2018 11:47:31 AM



#90
Benzo(a)pyrene
Concen: 47.745 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	11.9	9.0	13.6





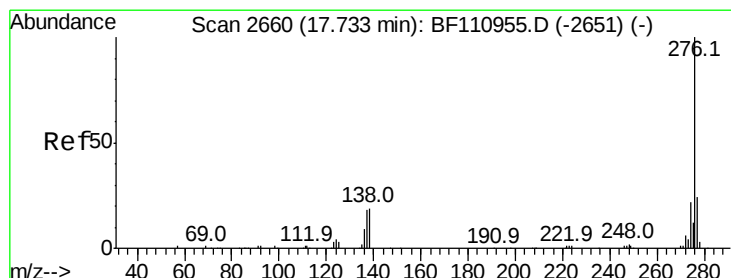
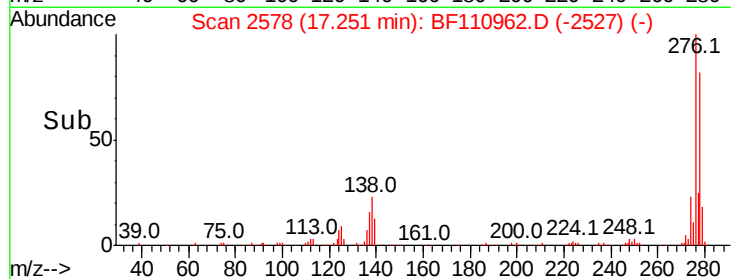
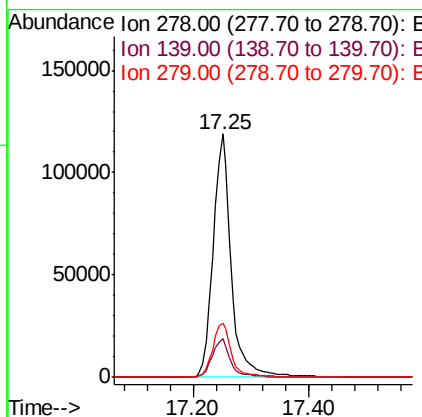
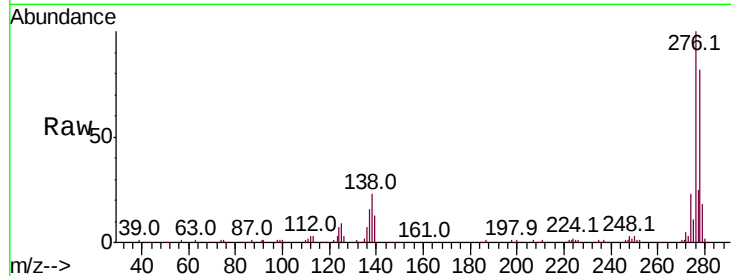
#91
Dibenzo(a,h)anthracene
Concen: 51.683 ng
RT: 17.25 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Instrument :
BNA_F
ClientSampleId :
PB115000BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.7	19.1
279	22.3	19.0	28.4

Manual Integrations
APPROVED

mohammad
11/27/2018 11:47:31 AM



#92
Benzo(g,h,i)perylene
Concen: 53.262 ng
RT: 17.73 min Scan# 2660
Delta R.T. -0.00 min
Lab File: BF110962.D
Acq: 26 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	21.2	16.0	24.0

