

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095159.D
 Acq On : 16 May 2017 16:39
 Operator : SJ/MA
 Sample : PB98998BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

Manual Integrations
 APPROVED

mohammad

5/17/2017 5:48:18 PM

Quant Time: May 17 07:15:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	84401	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	391013	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	181630	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	333079	20.00	ng	0.04
75) Chrysene-d12	18.69	240	205876	20.00	ng	0.04
86) Perylene-d12	20.37	264	135417	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.77	112	681588	134.64	ng	0.09
7) Phenol-d6	7.33	99	815551	134.27	ng	0.05
23) Nitrobenzene-d5	8.68	82	484237	78.09	ng	0.05
41) 2,4,6-Tribromophenol	13.92	330	200447	134.76	ng	0.04
44) 2-Fluorobiphenyl	11.57	172	1099814	87.16	ng	0.04
78) Terphenyl-d14	17.35	244	972950	104.09	ng	0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	85371	34.39	ng	92
3) Pyridine	3.04	79	220537m	38.33	ng	
4) n-Nitrosodimethylamine	2.96	42	92927m	38.74	ng	
6) Aniline	7.29	93	223493	29.15	ng	95
8) 2-Chlorophenol	7.48	128	254734	44.21	ng	94
9) Benzaldehyde	7.11	77	94493	25.48	ng	95
10) Phenol	7.35	94	270757	42.30	ng	89
11) bis(2-Chloroethyl)ether	7.42	93	223246	42.25	ng	97
12) 1,3-Dichlorobenzene	7.68	146	262578	40.17	ng	99
13) 1,4-Dichlorobenzene	7.81	146	270811	40.86	ng	97
14) 1,2-Dichlorobenzene	8.04	146	257915	41.69	ng	96
15) Benzyl Alcohol	8.07	79	198816	50.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	290629	38.86	ng	89
17) 2-Methylphenol	8.27	107	202719	42.99	ng	92
18) Hexachloroethane	8.55	117	89234	39.74	ng	# 87
19) n-Nitroso-di-n-propylamine	8.48	70	174686	42.52	ng	92
20) 3+4-Methylphenols	8.53	107	272219	42.48	ng	# 59
22) Acetophenone	8.45	105	348233	37.12	ng	# 83
24) Nitrobenzene	8.71	77	241866	37.21	ng	95
25) Isophorone	9.11	82	443328	40.04	ng	# 94
26) 2-Nitrophenol	9.21	139	142024	40.50	ng	98
27) 2,4-Dimethylphenol	9.35	122	229005	40.39	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	296896	38.76	ng	98
29) 2,4-Dichlorophenol	9.63	162	241284	45.07	ng	97
30) 1,2,4-Trichlorobenzene	9.72	180	234692	40.92	ng	99
31) Naphthalene	9.82	128	797108	40.56	ng	100
32) Benzoic acid	9.65	122	118005	33.42	ng	96
33) 4-Chloroaniline	9.99	127	79868	10.91	ng	# 92
34) Hexachlorobutadiene	10.04	225	117772	38.91	ng	97
35) Caprolactam	10.61	113	74241m	46.18	ng	
36) 4-Chloro-3-methylphenol	10.82	107	256872	44.87	ng	87
37) 2-Methylnaphthalene	10.95	142	554069	42.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	223771	40.06	ng	99
40) Hexachlorocyclopentadiene	11.21	237	160663	69.30	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	165060	44.26	nq	100
43) 2,4,5-Trichlorophenol	11.54	196	158154	39.46	nq	94
45) 1,1'-Biphenyl	11.72	154	594270	38.86	nq	98
46) 2-Chloronaphthalene	11.74	162	465200	37.67	nq	95
47) 2-Nitroaniline	11.95	65	140132	41.46	nq	# 81
48) Acenaphthylene	12.40	152	753536	38.96	nq	98
49) Dimethylphthalate	12.27	163	617327	41.40	nq	99
50) 2,6-Dinitrotoluene	12.36	165	135735	44.62	nq	96
51) Acenaphthene	12.68	154	478476	41.42	nq	98
52) 3-Nitroaniline	12.64	138	64421	19.73	nq	87
53) 2,4-Dinitrophenol	12.84	184	112199	67.98	nq	# 65
54) Dibenzofuran	12.97	168	666525	41.70	nq	97
55) 4-Nitrophenol	13.02	139	147454	75.19	nq	# 74
56) 2,4-Dinitrotoluene	13.03	165	166661	42.64	nq	# 89
57) Fluorene	13.52	166	598058	43.03	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	122265	48.47	nq	# 94
59) Diethylphthalate	13.41	149	589696	41.26	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	267553	43.80	nq	89
61) 4-Nitroaniline	13.64	138	109060	36.39	nq	96
62) Azobenzene	13.80	77	513726	44.73	nq	94
64) 4,6-Dinitro-2-methylphenol	13.70	198	89026	39.87	nq	# 70
65) n-Nitrosodiphenylamine	13.75	169	461398	38.17	nq	99
66) 4-Bromophenyl-phenylether	14.33	248	142066	40.37	nq	97
67) Hexachlorobenzene	14.42	284	146595	40.65	nq	# 90
68) Atrazine	14.67	200	152877	44.79	nq	98
69) Pentachlorophenol	14.77	266	106828	66.58	nq	96
70) Phenanthrene	15.07	178	821564	42.93	nq	99
71) Anthracene	15.15	178	849630	43.46	nq	98
72) Carbazole	15.43	167	740063	41.61	nq	98
73) Di-n-butylphthalate	15.99	149	972255	43.83	nq	98
74) Fluoranthene	16.81	202	834407	42.50	nq	99
76) Benzidine	17.02	184	161675	31.64	nq	95
77) Pyrene	17.11	202	841023	54.62	nq	100
79) Butylbenzylphthalate	18.01	149	329121	45.96	nq	93
80) Benzo(a)anthracene	18.68	228	524026	43.74	nq	99
81) 3,3'-Dichlorobenzidine	18.67	252	88793	21.46	nq	# 94
82) Chrysene	18.73	228	486822	42.02	nq	99
83) Bis(2-ethylhexyl)phthalate	18.75	149	471109	46.17	nq	# 98
84) Di-n-octyl phthalate	19.51	149	721942	43.15	nq	95
85) Indeno(1,2,3-cd)pyrene	21.69	276	360685	38.34	nq	99
87) Benzo(b)fluoranthene	19.96	252	371994	44.46	nq	98
88) Benzo(k)fluoranthene	19.99	252	394230	48.84	nq	# 93
89) Benzo(a)pyrene	20.31	252	341687	44.25	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	289300	45.37	nq	99
91) Benzo(g,h,i)perylene	22.08	276	307814	49.19	nq	96

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

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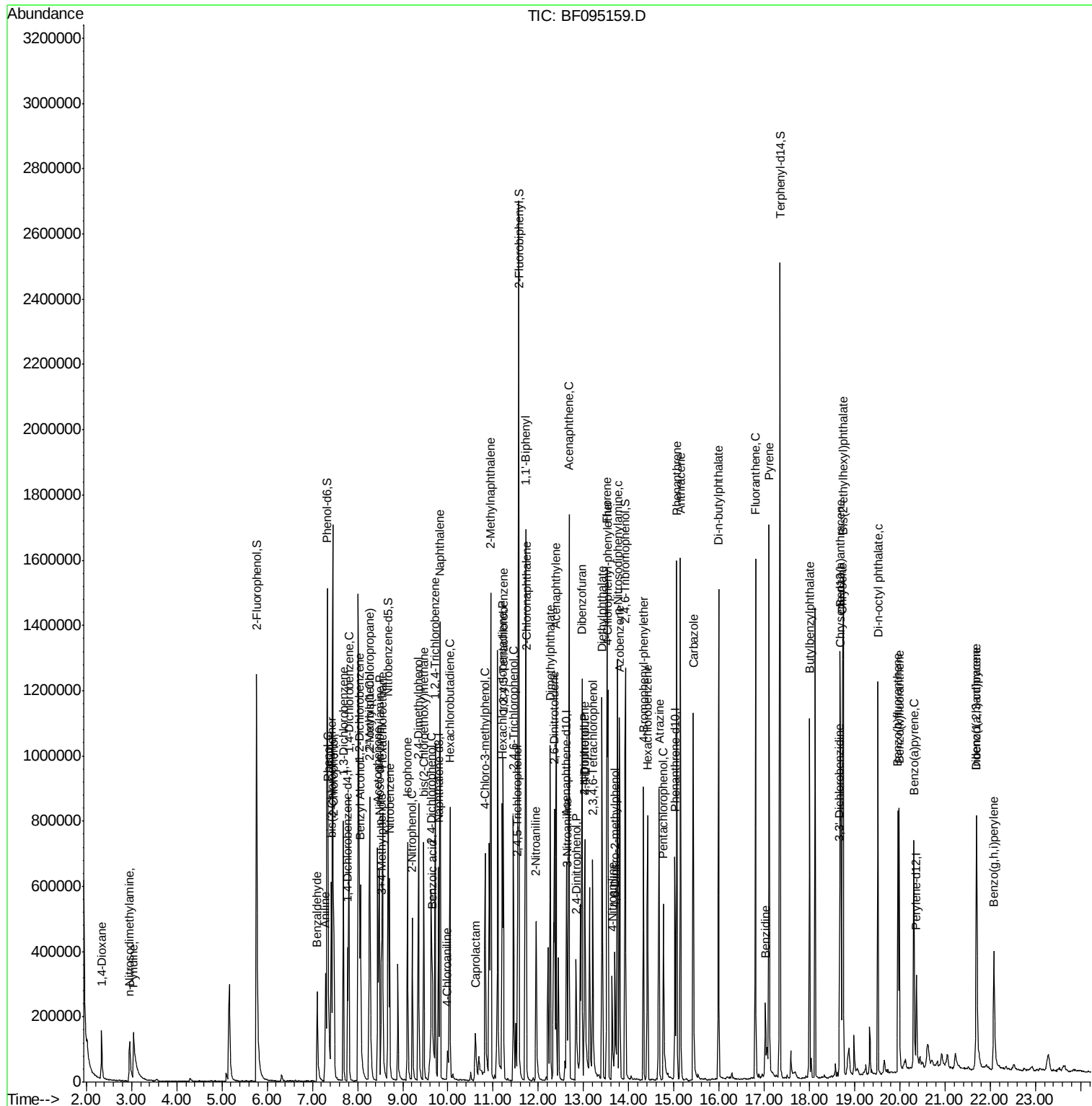
Instrument :
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PB98998BS

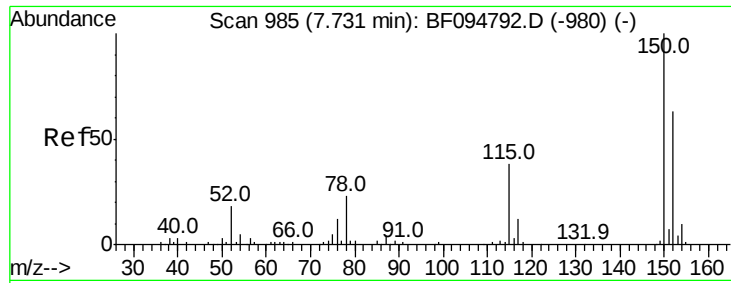
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#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 994
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

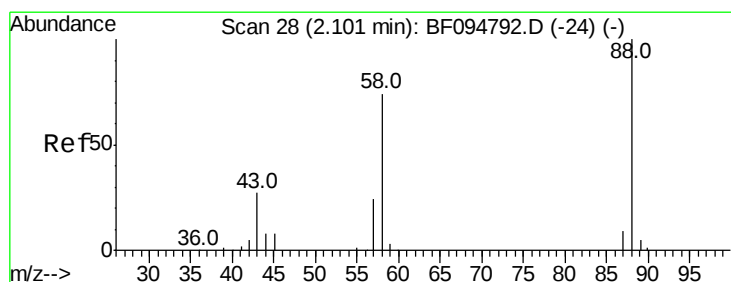
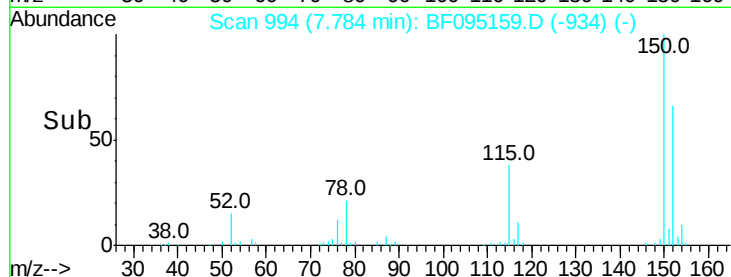
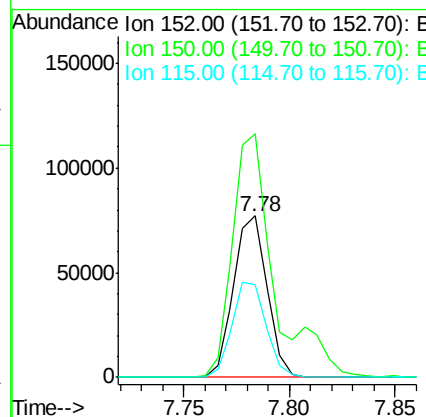
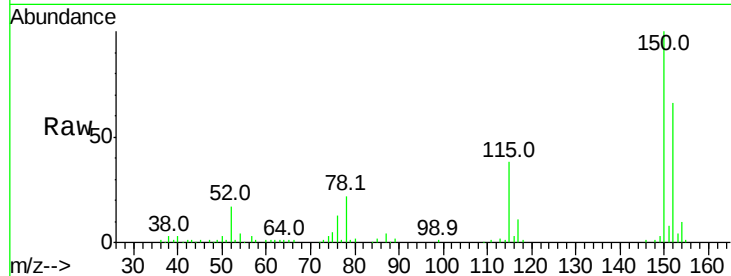
Instrument :
BNA_F
ClientSampleId :
PB98998BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	126.2	189.2
115	57.7	52.2	78.2

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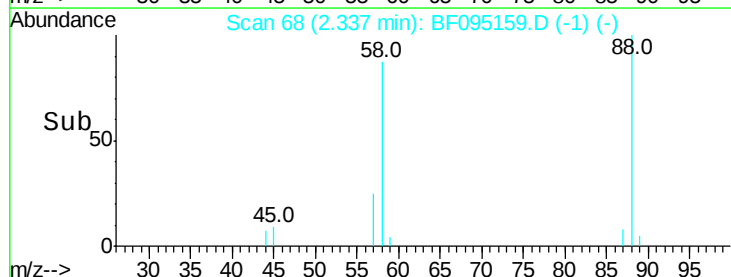
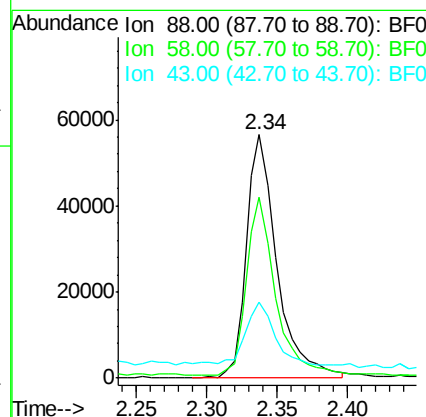
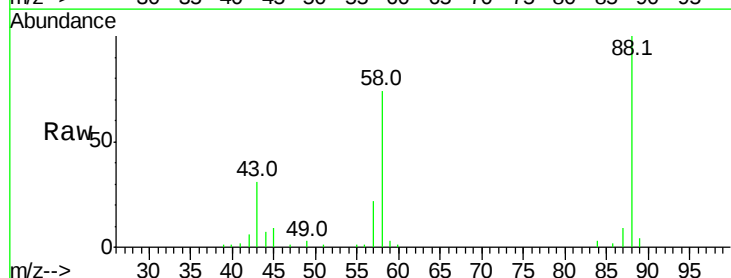
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#2

1,4-Dioxane
Concen: 34.39 ng
RT: 2.34 min Scan# 68
Delta R.T. 0.24 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	61.4	92.0
43	25.7	23.4	35.0





#3
 Pvridine
 Concen: 38.33 ng m
 RT: 3.04 min Scan# 187
 Delta R.T. 0.28 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

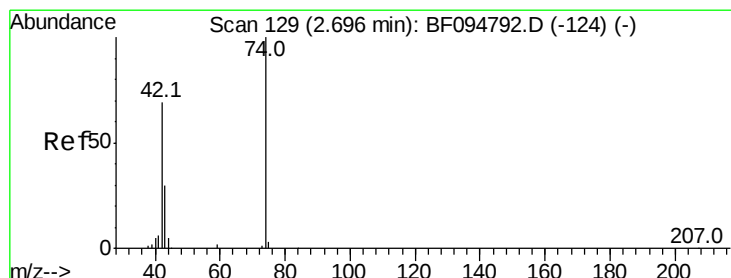
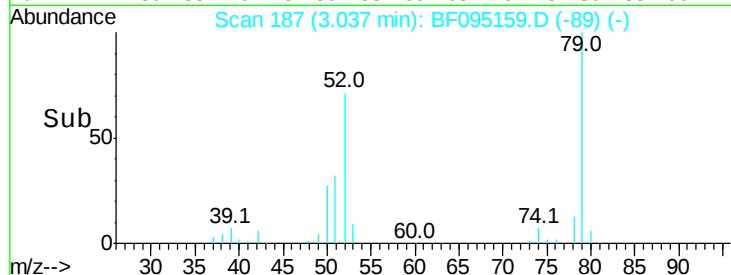
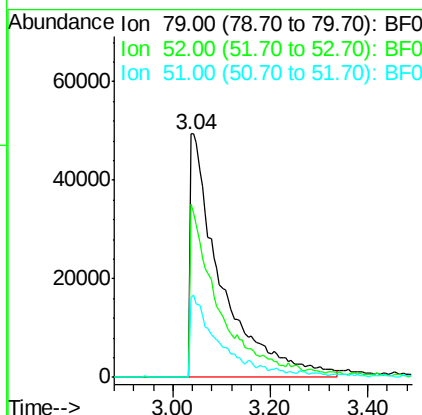
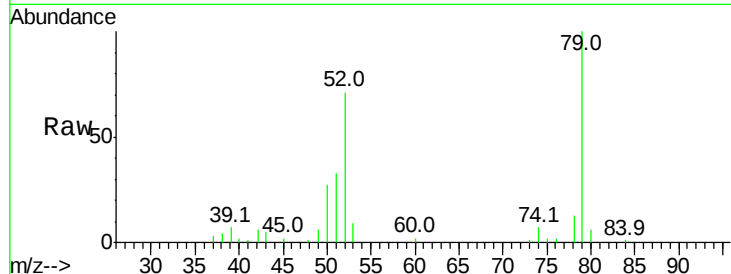
Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.1	54.8	82.2
51	32.7	27.0	40.4

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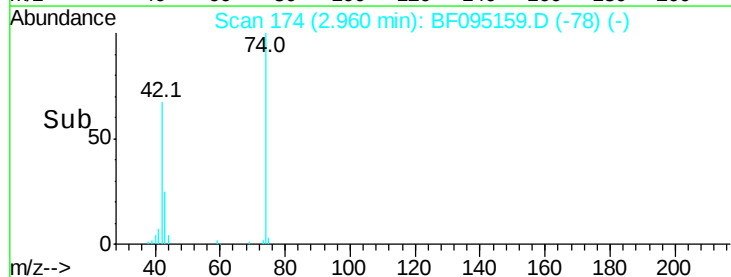
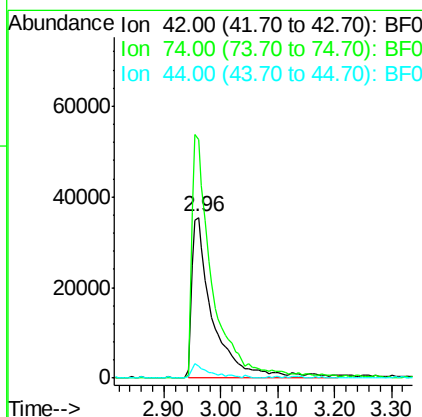
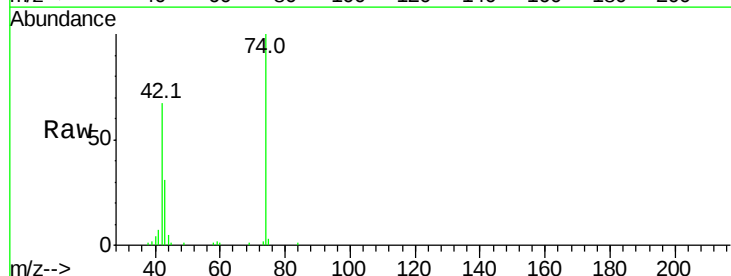
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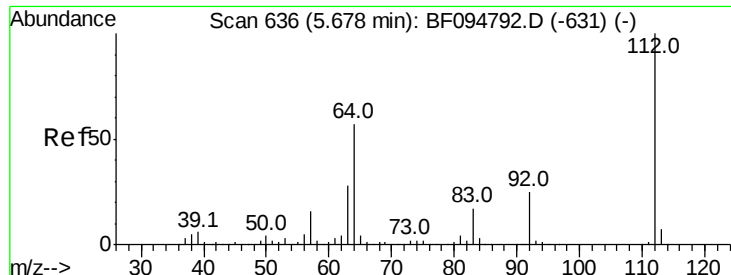
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#4
 n-Nitrosodimethylamine
 Concen: 38.74 ng m
 RT: 2.96 min Scan# 174
 Delta R.T. 0.26 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.7	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 134.64 ng

RT: 5.77 min Scan# 651

Delta R.T. 0.09 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

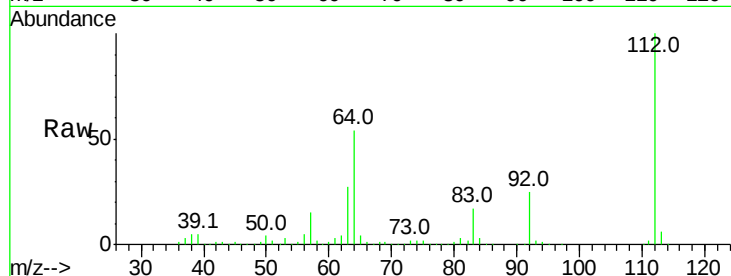
PB98998BS

Tot Ion:	112	Resp:	681588
Ion Ratio	Lower	Upper	
112	100		
64	53.6	46.0	69.0
63	26.5	23.4	35.0

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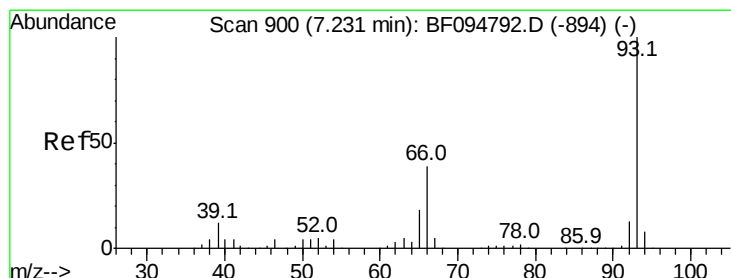
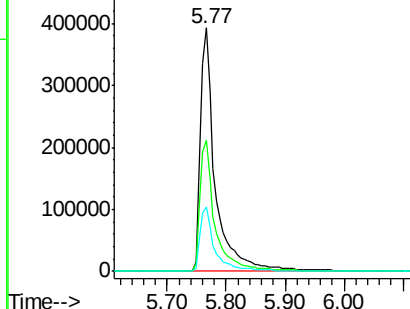
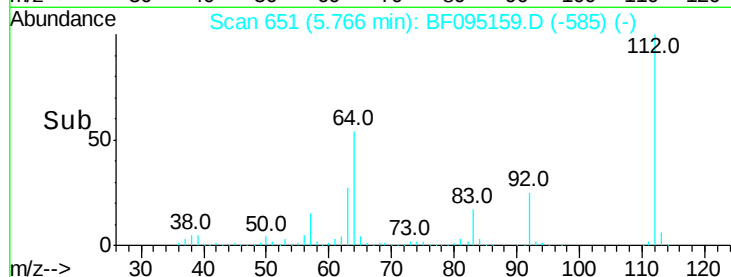
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.15 ng

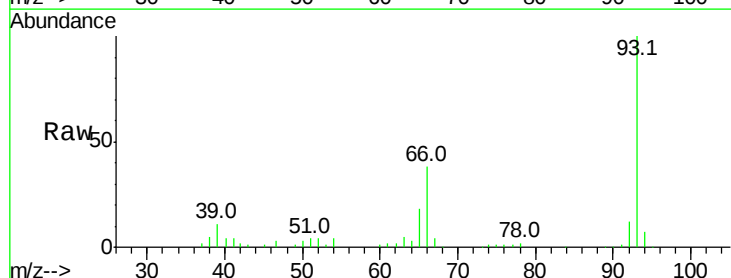
RT: 7.29 min Scan# 910

Delta R.T. 0.06 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

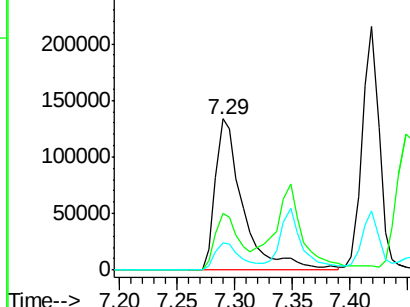
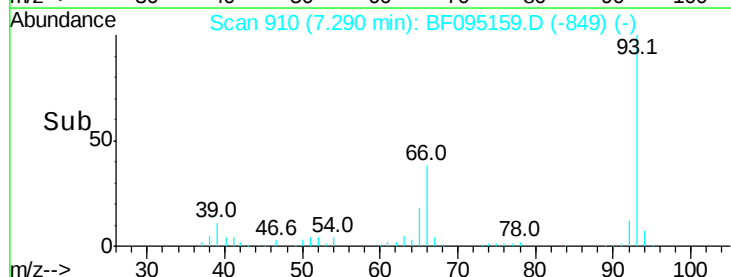
Tgt Ion:	93	Resp:	223493
Ion Ratio	Lower	Upper	
93	100		
66	37.8	32.9	49.3
65	18.0	16.0	24.0

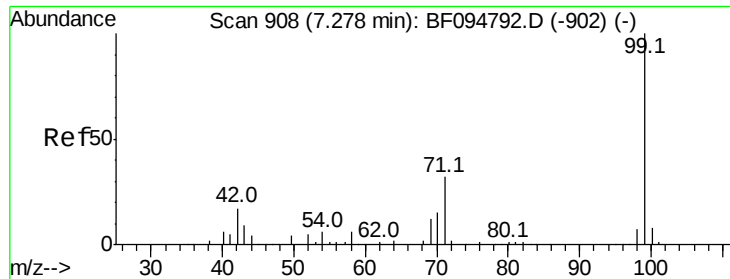


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.27 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

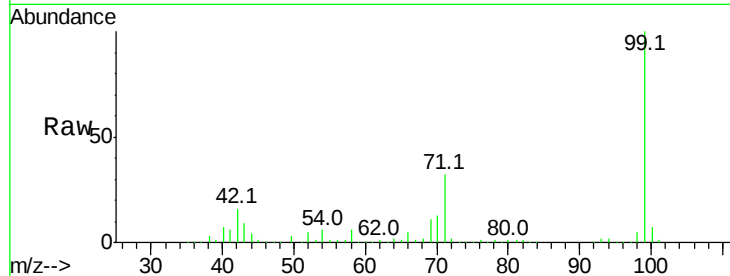
PB98998BS

Tot Ion:	99	Resp:	815551
Ion Ratio	Lower	Upper	
99	100		
42	16.0	13.5	20.3
71	32.0	24.5	36.7

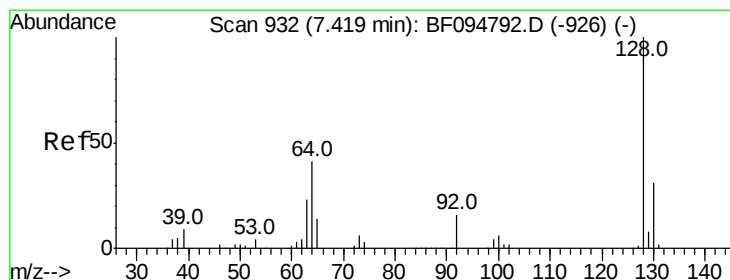
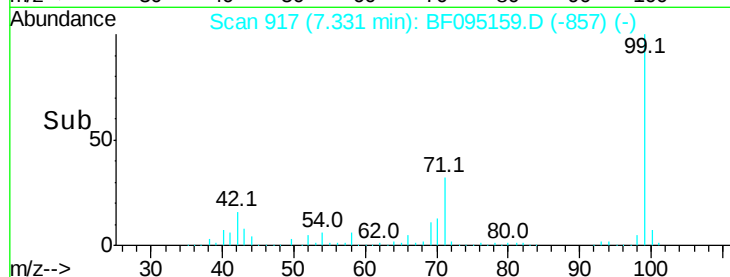
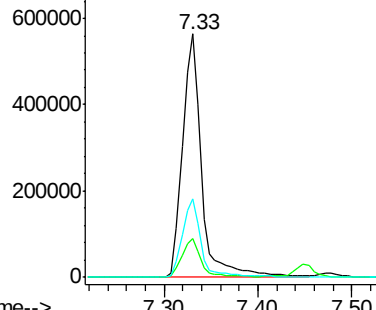
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.21 ng

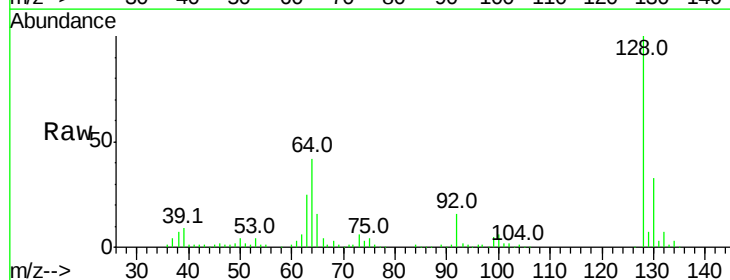
RT: 7.48 min Scan# 942

Delta R.T. 0.06 min

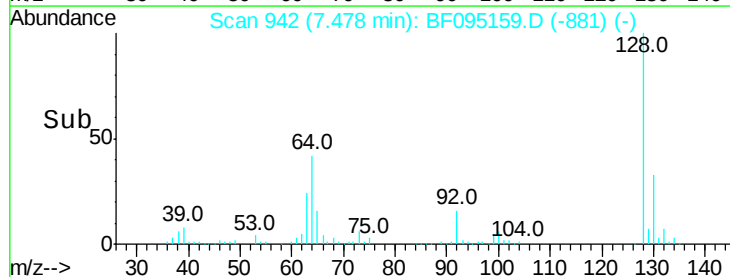
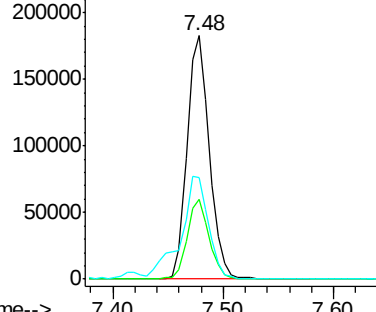
Lab File: BF095159.D

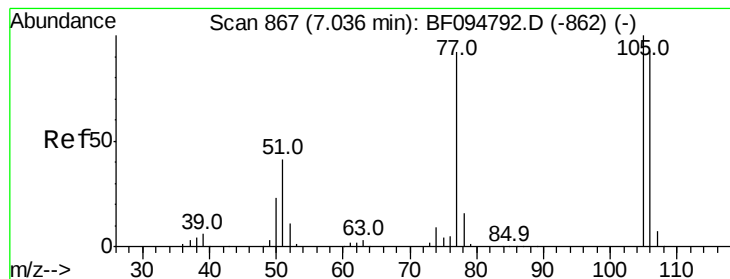
Acq: 16 May 2017 16:39

Tgt Ion:	128	Resp:	254734
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.9	52.9
64	41.7	28.4	68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.48 ng

RT: 7.11 min Scan# 879

Delta R.T. 0.07 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

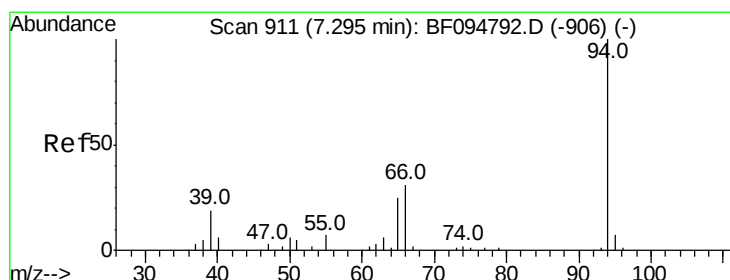
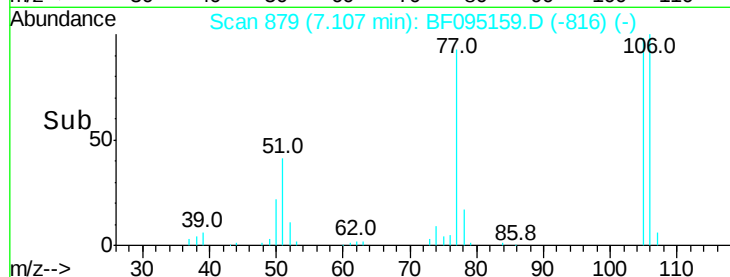
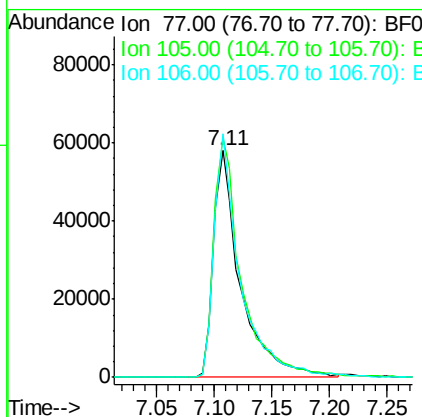
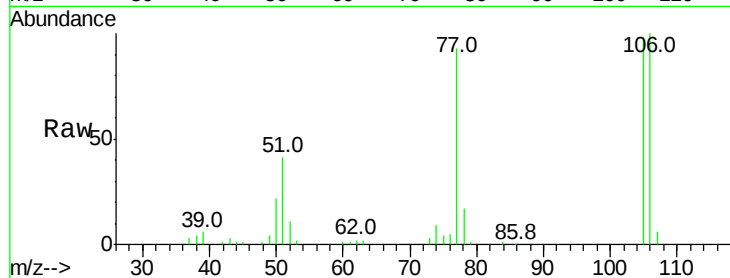
PB98998BS

Tot Ion:	77	Resp:	94493
Ion	Ratio	Lower	Upper
77	100		
105	105.5	83.8	123.8
106	107.4	79.1	119.1

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#10

Phenol

Concen: 42.30 ng

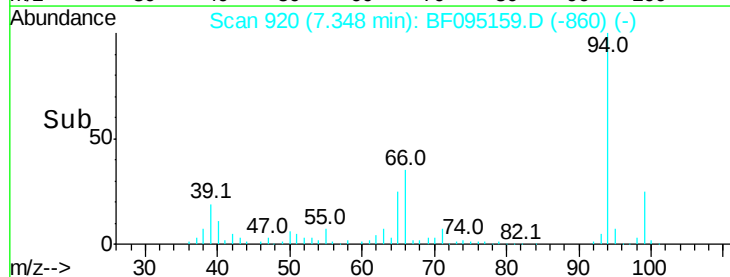
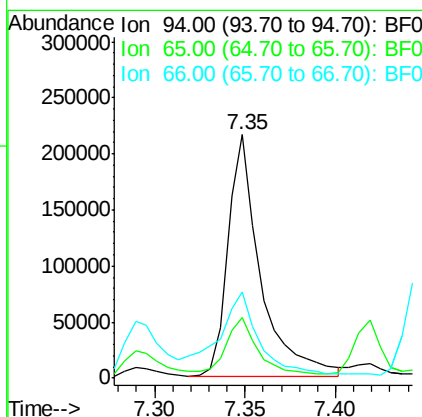
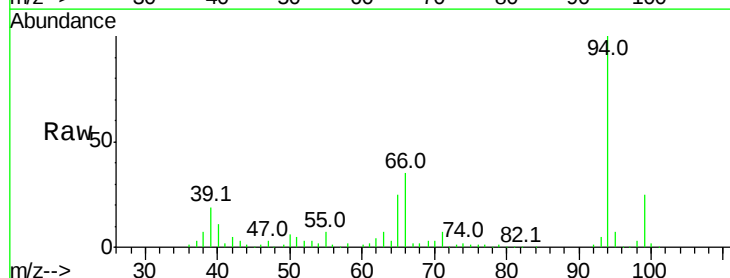
RT: 7.35 min Scan# 920

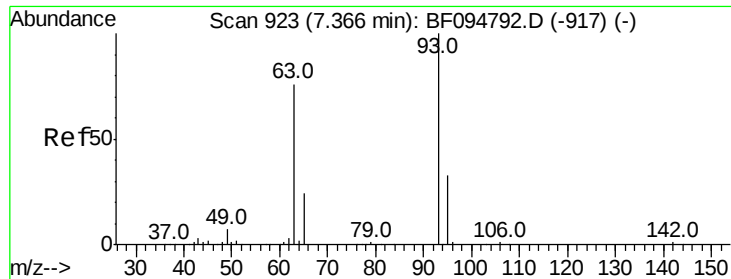
Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Tgt Ion:	94	Resp:	270757
Ion	Ratio	Lower	Upper
94	100		
65	25.1	9.9	49.9
66	35.2	23.1	63.1





#11
bis(2-Chloroethyl)ether
Concen: 42.25 ng
RT: 7.42 min Scan# 932
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

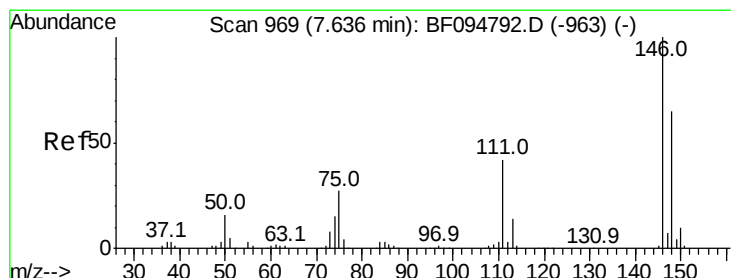
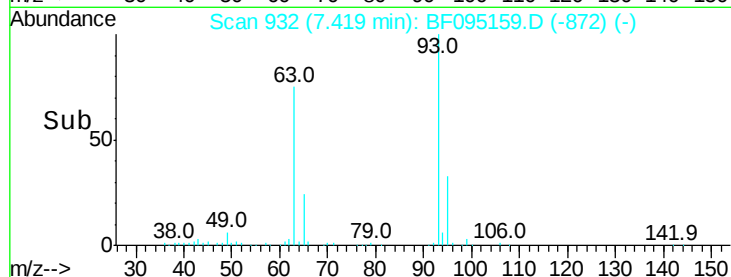
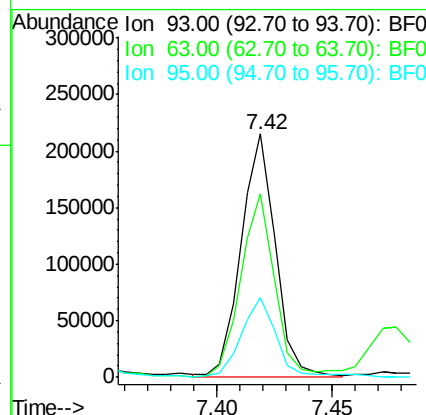
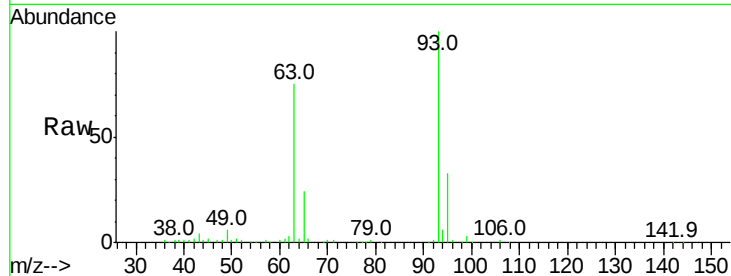
Instrument :
BNA_F
ClientSampleId :
PB98998BS

Tot Ion	93	Resp	223246
Ion Ratio	Lower	Upper	
93	100		
63	75.1	59.2	99.2
95	32.9	12.8	52.8

Manual Integrations
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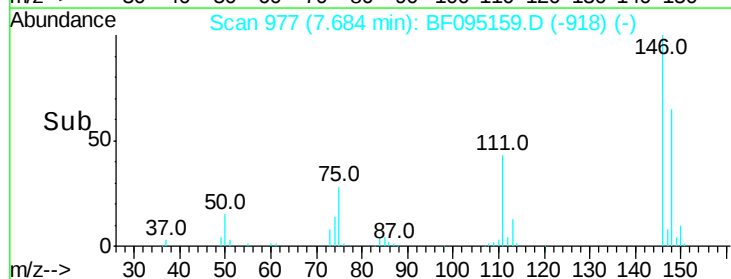
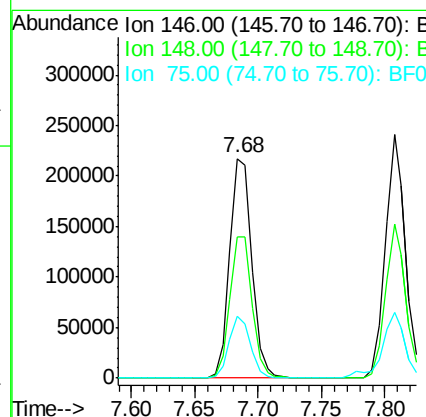
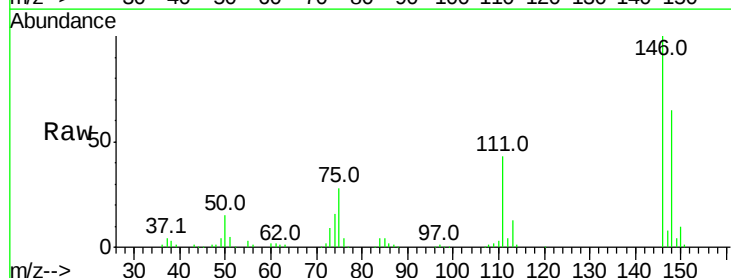
mohammad

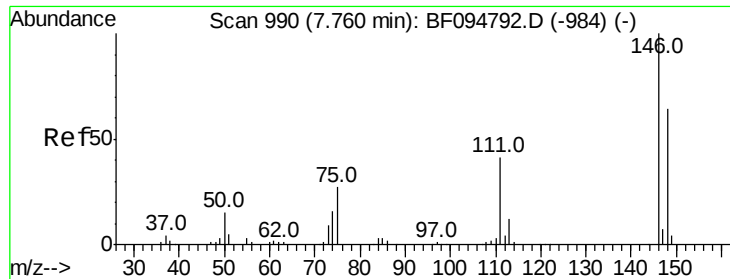
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#12
1,3-Dichlorobenzene
Concen: 40.17 ng
RT: 7.68 min Scan# 977
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	146	Resp	262578
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.6
75	28.0	23.1	34.7





#13
 1,4-Dichlorobenzene
 Concen: 40.86 ng
 RT: 7.81 min Scan# 998
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

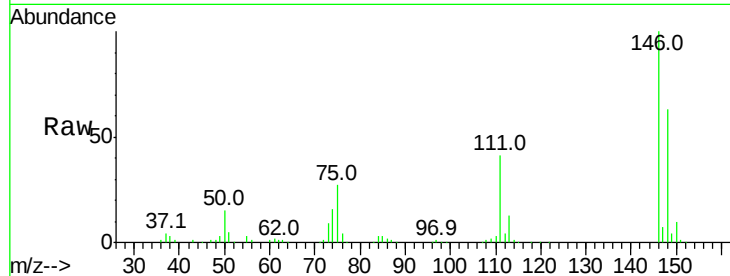
Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	41.0	30.3	45.5

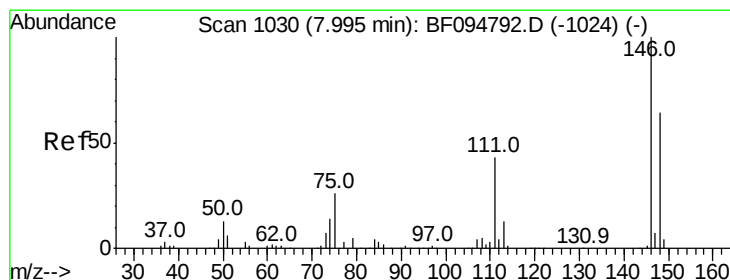
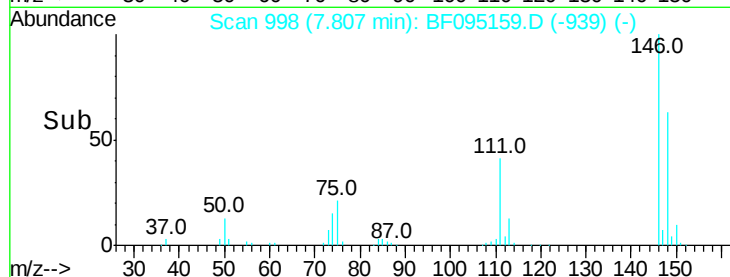
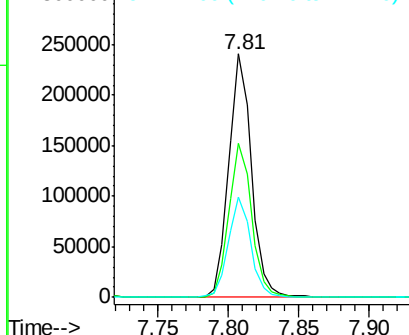
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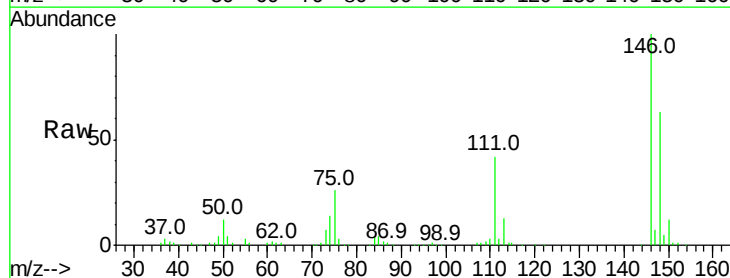


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

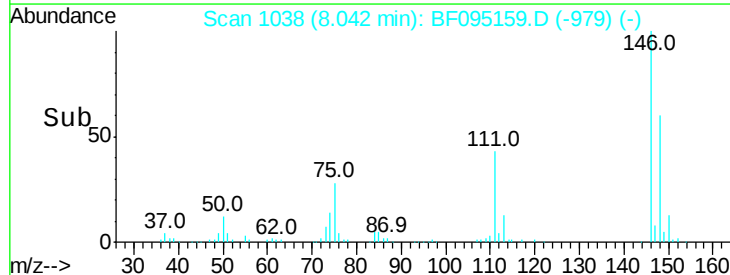
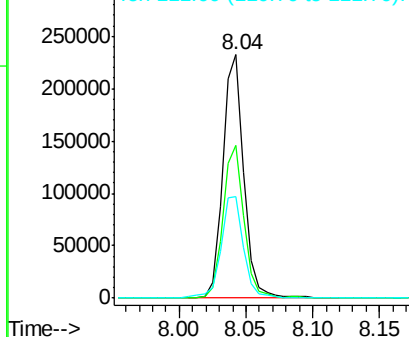


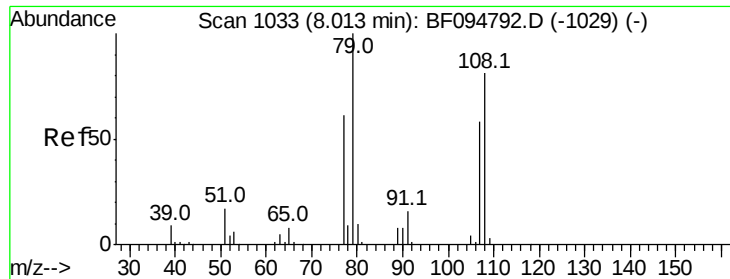
#14
 1,2-Dichlorobenzene
 Concen: 41.69 ng
 RT: 8.04 min Scan# 1038
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.4	75.6
111	41.6	38.2	57.4



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





#15

Benzyl Alcohol

Concen: 50.89 ng

RT: 8.07 min Scan# 1042

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

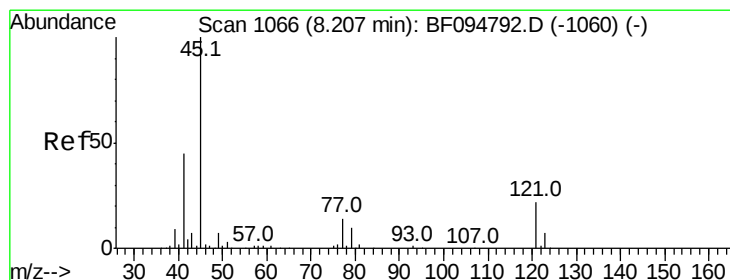
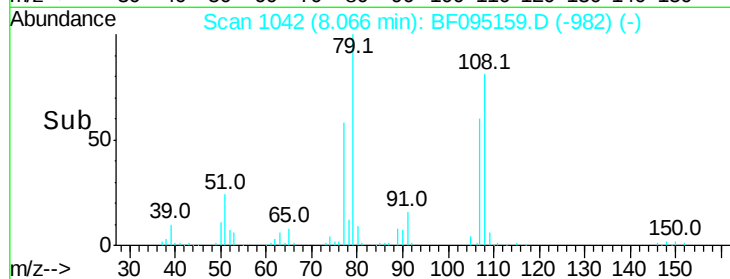
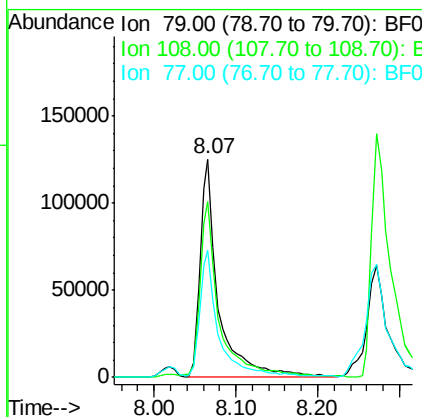
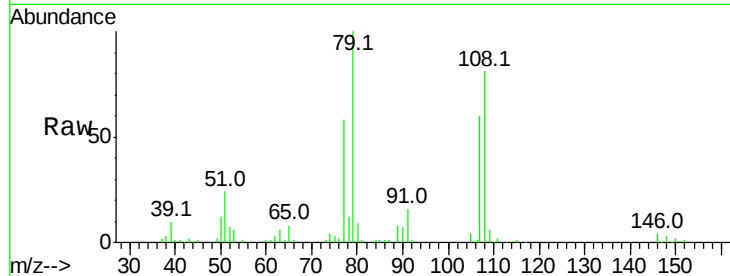
PB98998BS

Tot Ion:	79	Resp:	198816
Ion Ratio	Lower	Upper	
79	100		
108	80.7	63.4	95.0
77	58.3	49.2	73.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.86 ng

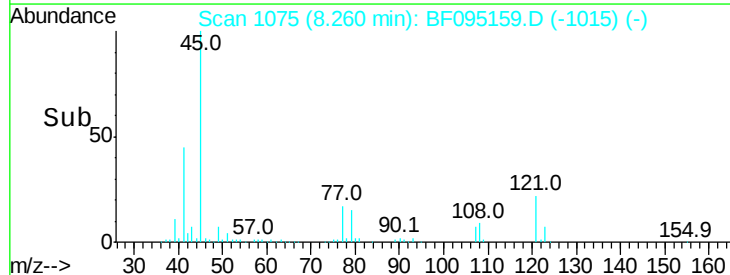
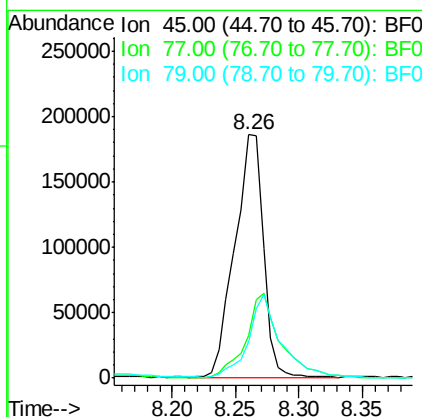
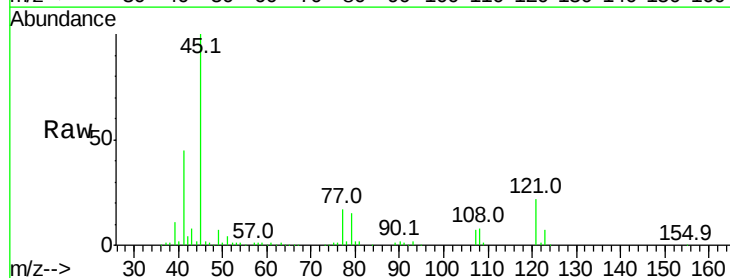
RT: 8.26 min Scan# 1075

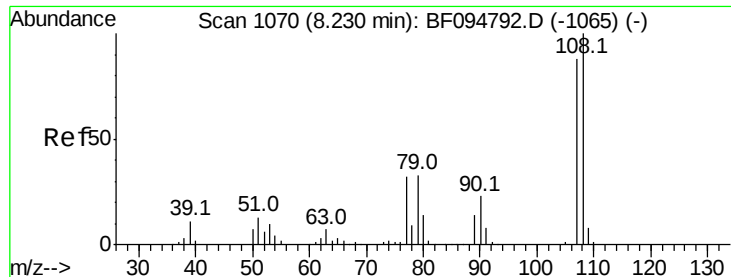
Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Tgt Ion:	45	Resp:	290629
Ion Ratio	Lower	Upper	
45	100		
77	17.3	0.0	33.2
79	14.9	0.0	30.0





#17
2-Methylphenol
Concen: 42.99 ng
RT: 8.27 min Scan# 1077
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

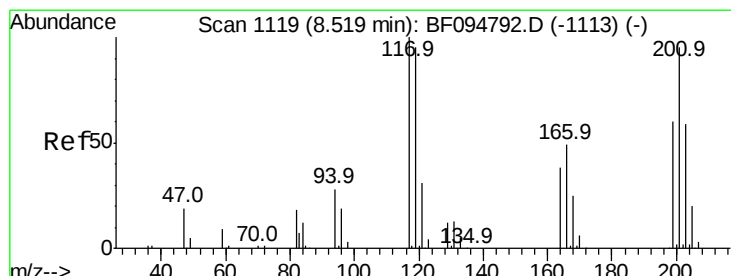
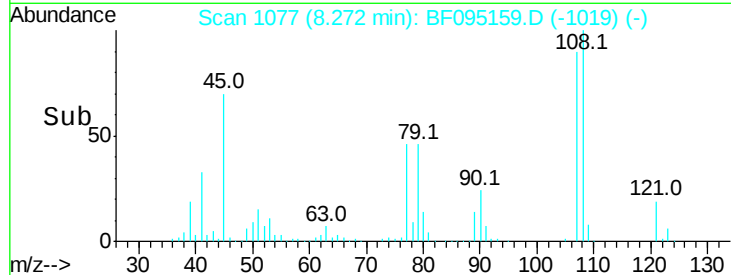
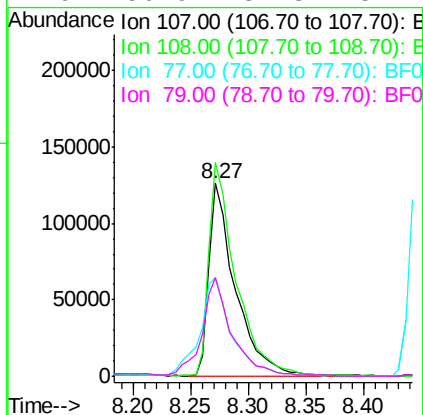
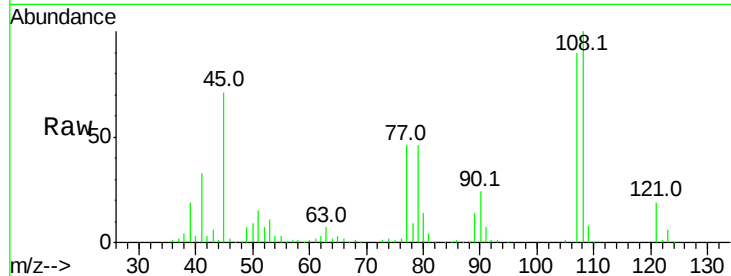
Instrument :
BNA_F
ClientSampleId :
PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.6	93.4	140.0	
77	51.2	35.8	53.6	
79	50.9	34.8	52.2	

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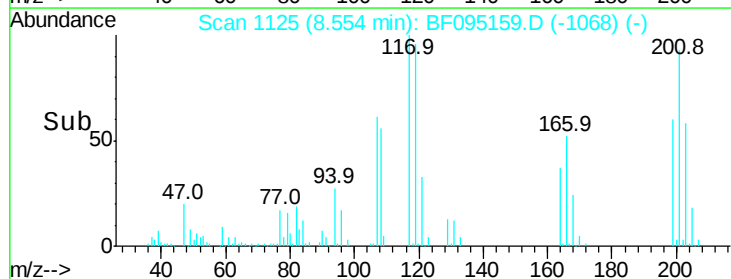
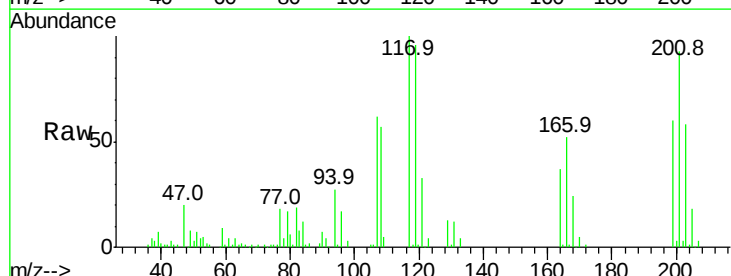
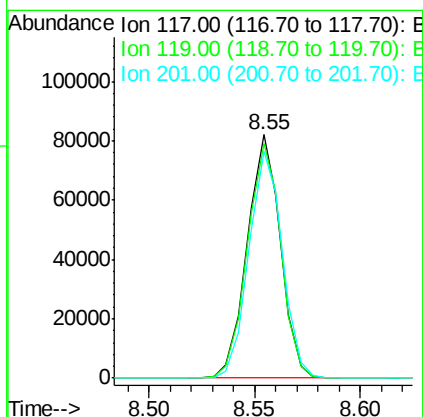
mohammad

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#18
Hexachloroethane
Concen: 39.74 ng
RT: 8.55 min Scan# 1125
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	77.4	116.0	
201	93.2	94.6	141.8#	





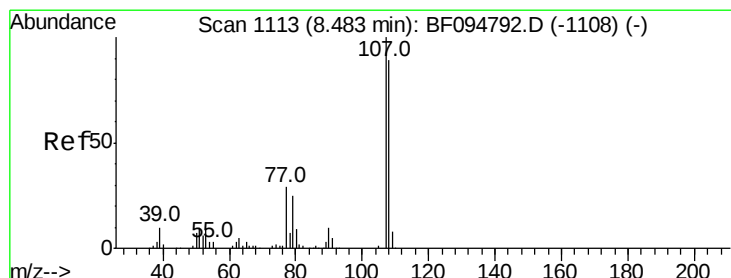
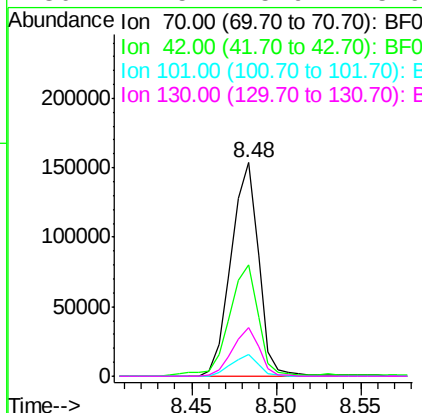
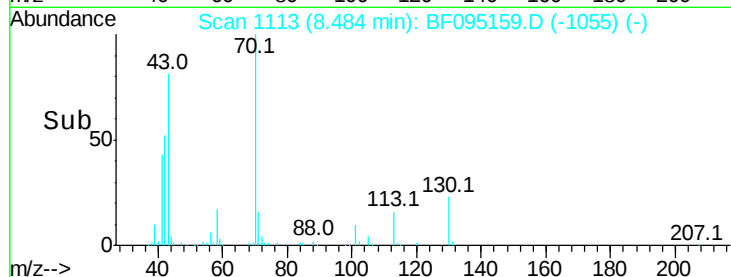
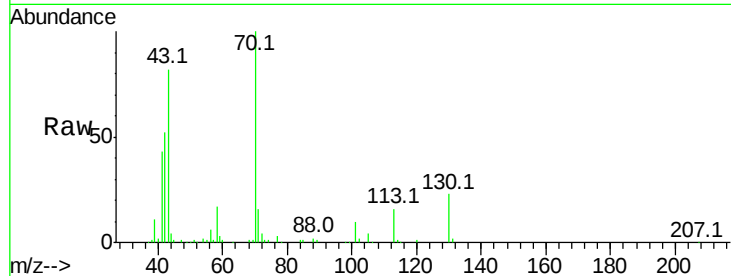
#19
n-Nitroso-di-n-propylamine
Concen: 42.52 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Instrument :
BNA_F
ClientSampleId :
PB98998BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.2	70.8
101	10.1	7.2	10.8
130	22.5	15.9	23.9

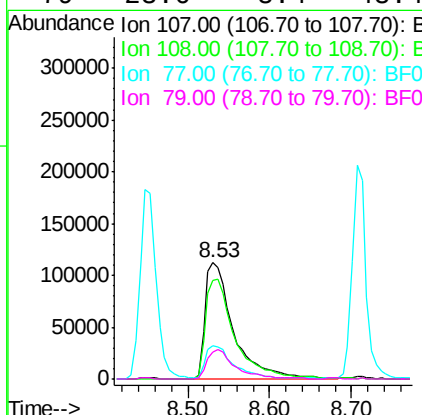
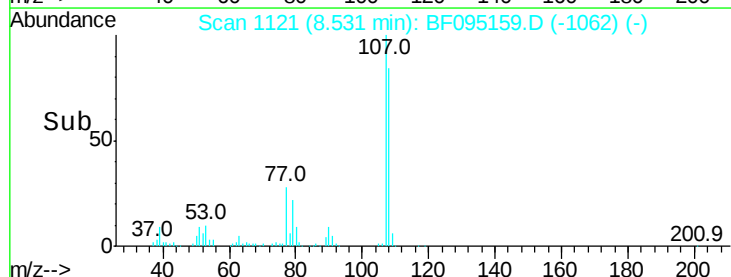
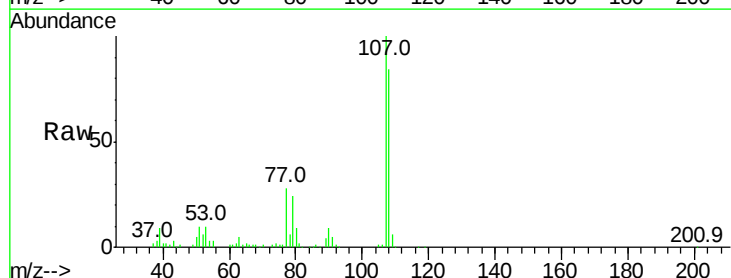
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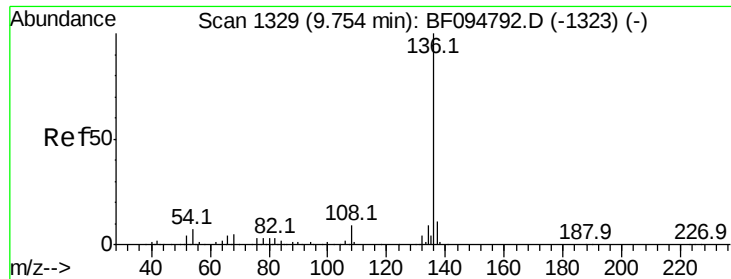
mohammad
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#20
3+4-Methylphenols
Concen: 42.48 ng
RT: 8.53 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.3	71.0	111.0
77	28.3	90.5	130.5#
79	23.6	8.4	48.4





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

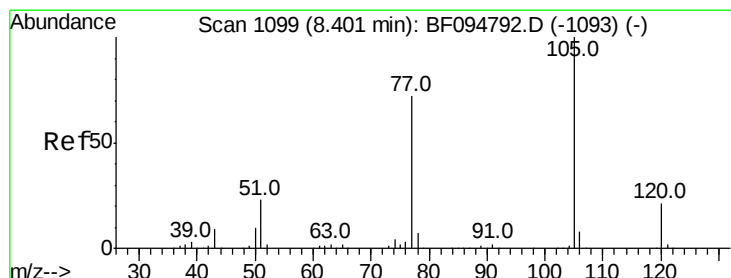
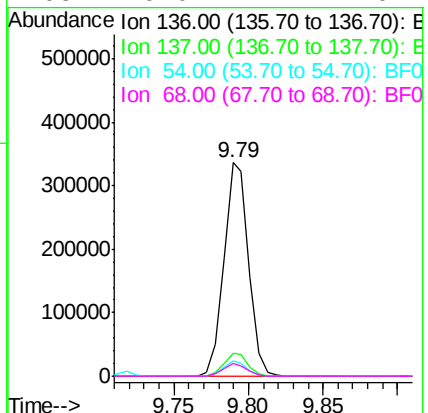
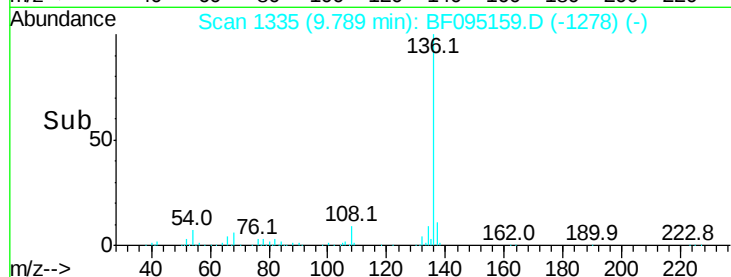
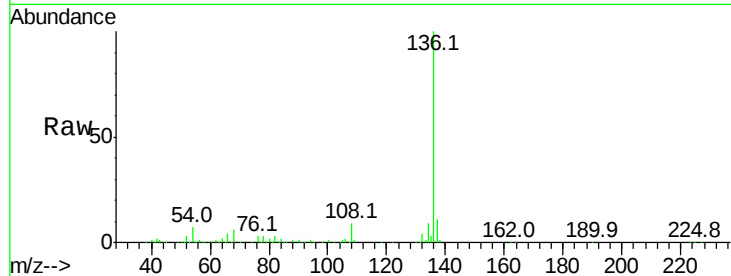
Instrument :
BNA_F
ClientSampleID :
PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.3	4.9	7.3#	
68	6.0	4.1	6.1	

Manual Integrations
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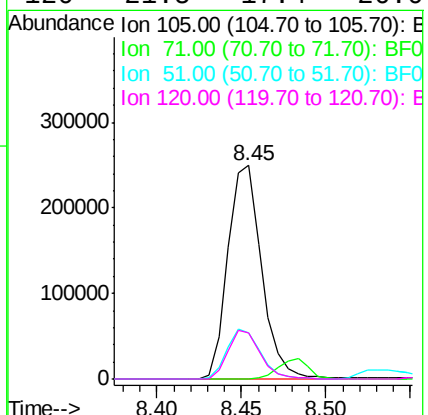
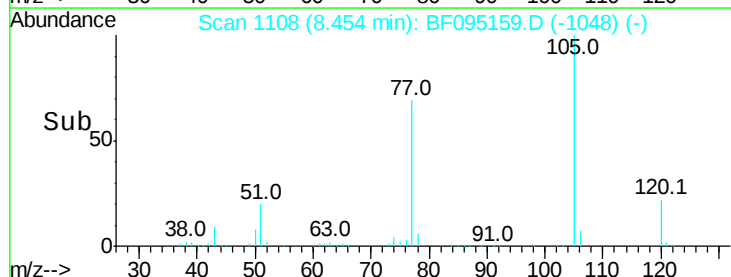
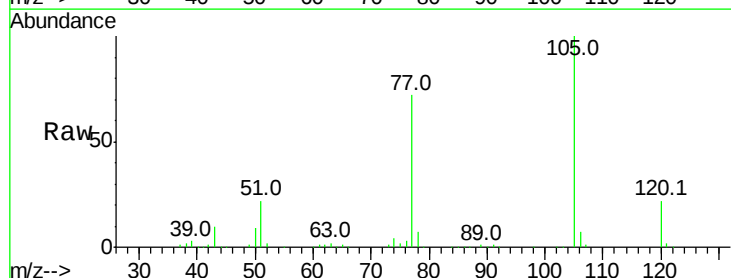
mohammad

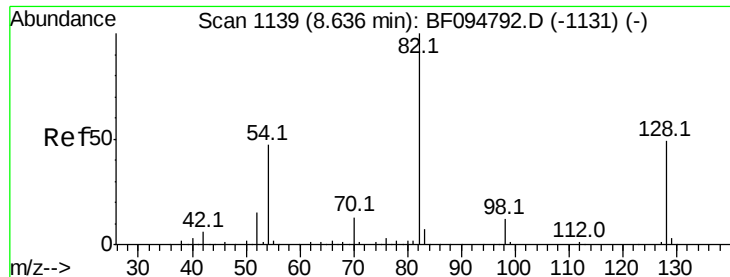
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#22
Acetophenone
Concen: 37.12 ng
RT: 8.45 min Scan# 1108
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	21.6	30.7	46.1#	
120	21.5	17.4	26.0	





#23
 Nitrobenzene-d5
 Concen: 78.09 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

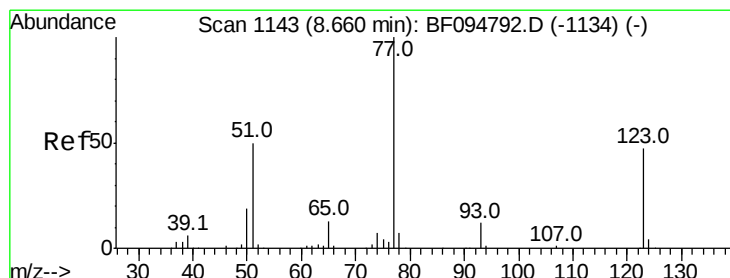
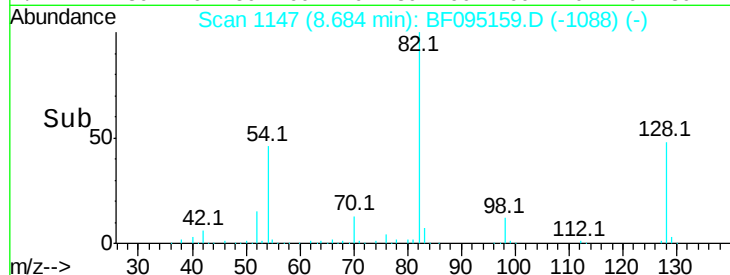
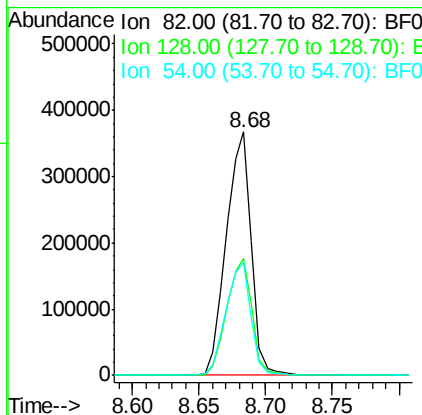
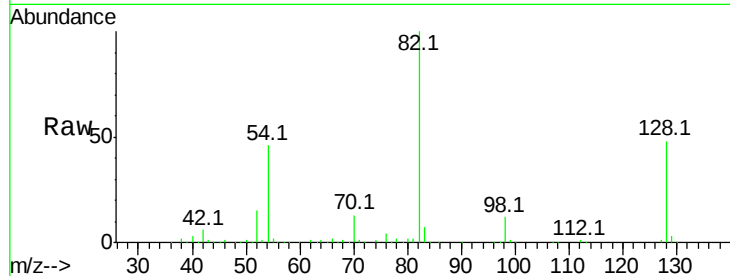
Instrument :
 BNA_F
 ClientSampleID :
 PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.0	34.0	51.0	
54	46.4	42.2	63.2	

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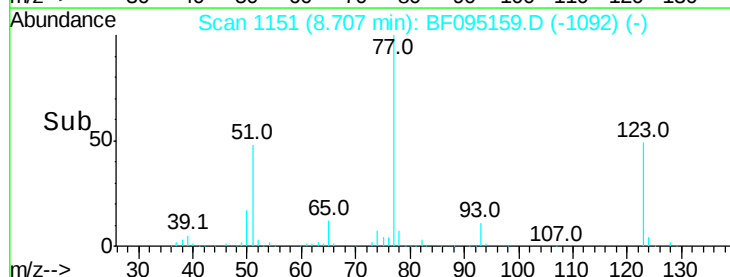
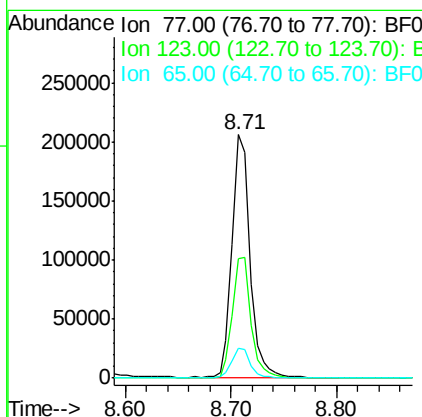
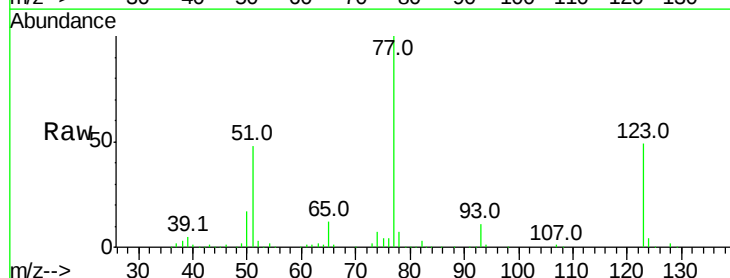
mohammad

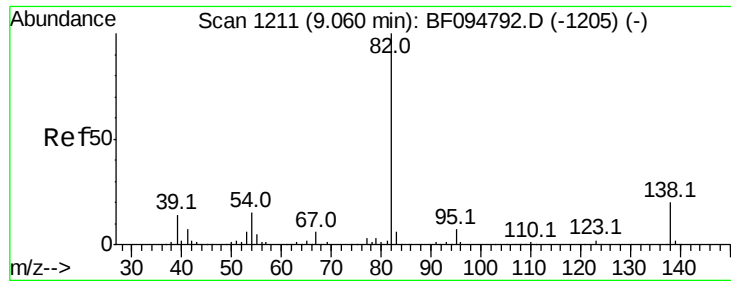
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#24
 Nitrobenzene
 Concen: 37.21 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.0	35.8	53.8	
65	12.4	10.6	15.8	





#25
Isophorone
Concen: 40.04 ng
RT: 9.11 min Scan# 1219
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

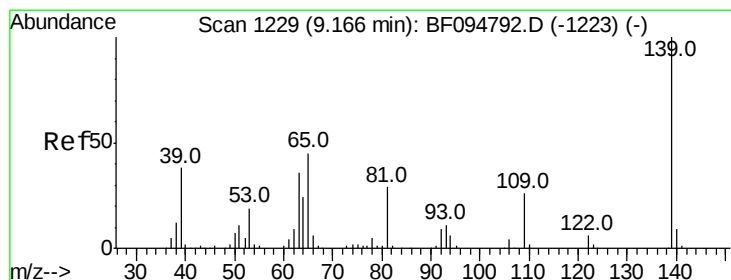
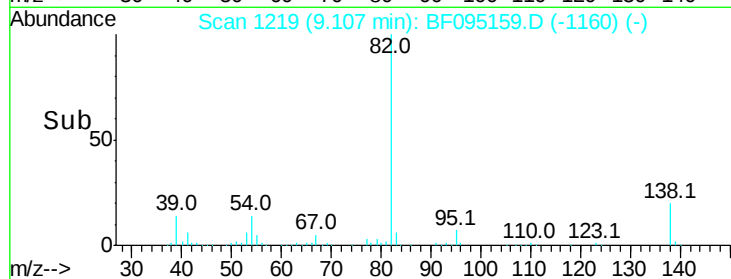
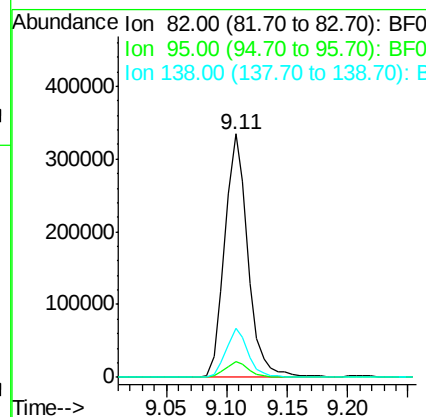
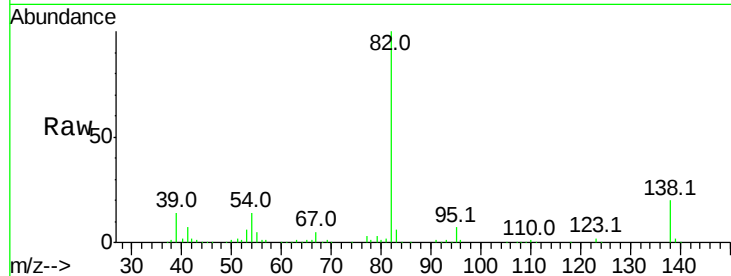
Instrument :
BNA_F
ClientSampleId :
PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.6	5.3	7.9	
138	20.0	13.1	19.7	

Manual Integrations
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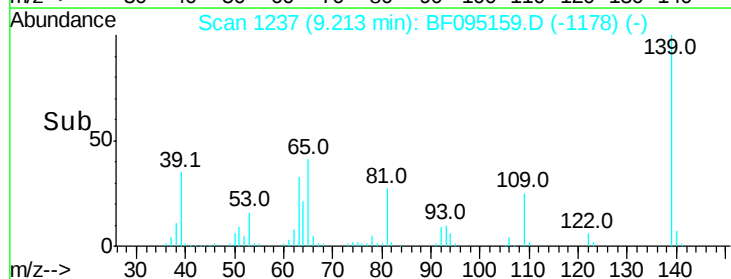
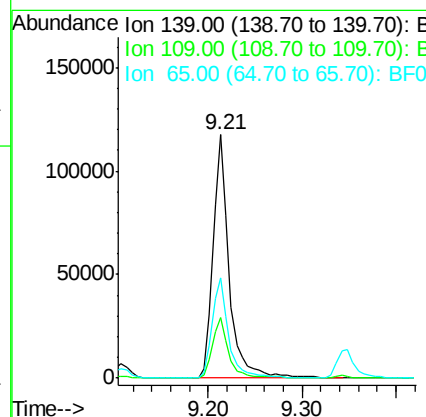
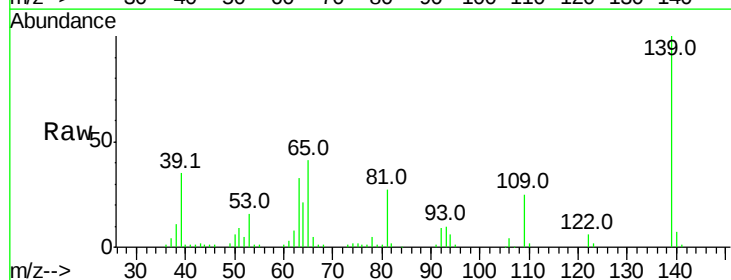
mohammad

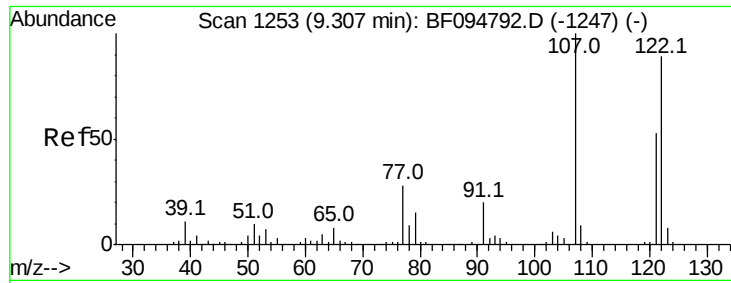
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#26
2-Nitrophenol
Concen: 40.50 ng
RT: 9.21 min Scan# 1237
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.7	21.0	31.6	
65	41.0	33.0	49.6	





#27
 2,4-Dimethylphenol
 Concen: 40.39 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

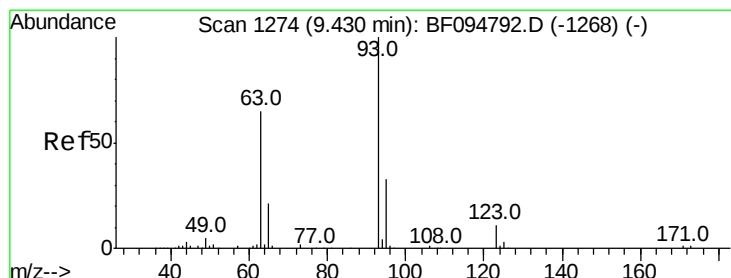
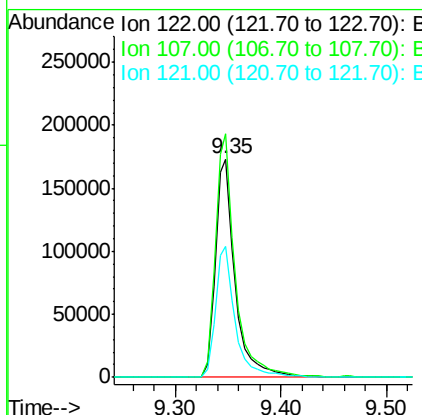
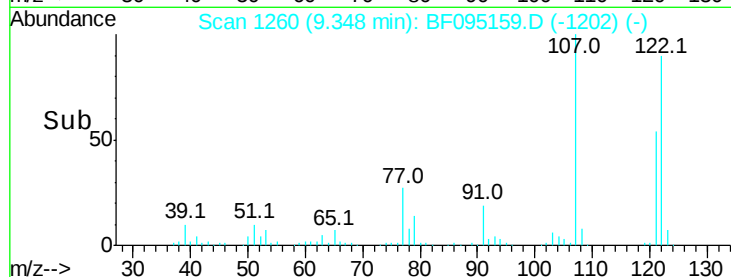
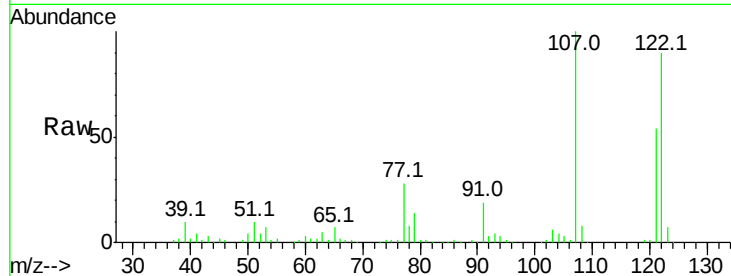
Instrument :
 BNA_F
 ClientSampled :
 PB98998BS

Tot Ion:	122	Resp:	229005
Ion Ratio	Lower	Upper	
122	100		
107	111.6	89.2	133.8
121	59.8	45.2	67.8

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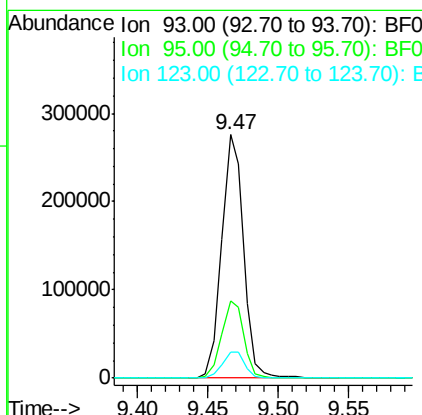
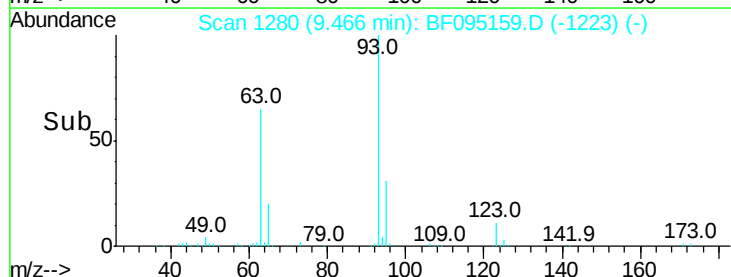
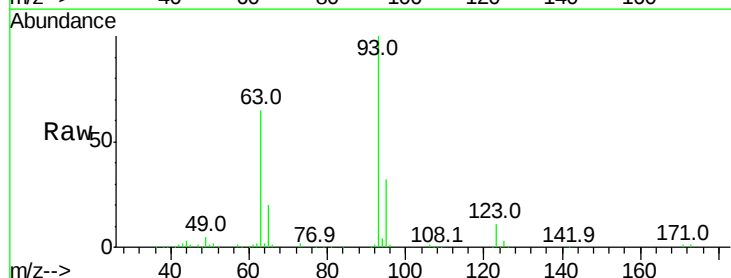
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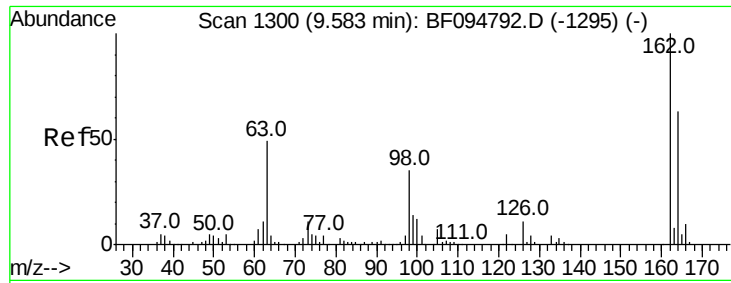
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.76 ng
 RT: 9.47 min Scan# 1280
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion:	93	Resp:	296896
Ion Ratio	Lower	Upper	
93	100		
95	32.0	26.5	39.7
123	10.8	9.0	13.4





#29
 2,4-Dichlorophenol
 Concen: 45.07 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

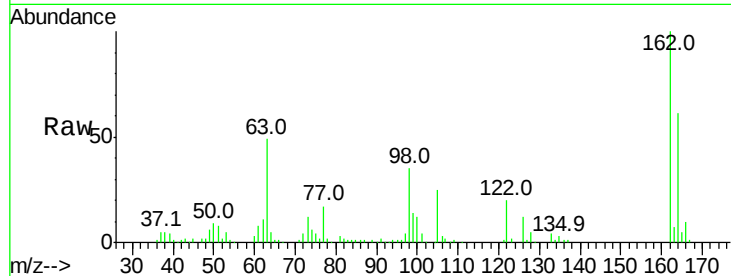
Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	241284		
164	61.3	44.6	84.6	
98	34.8	14.8	54.8	

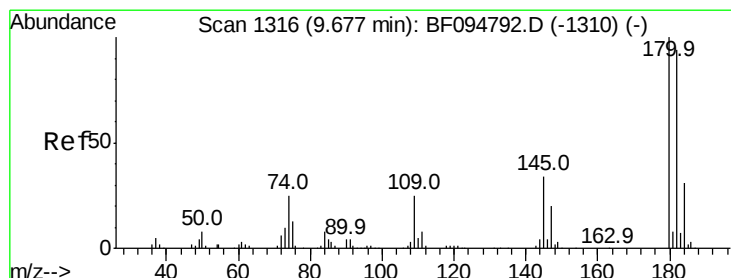
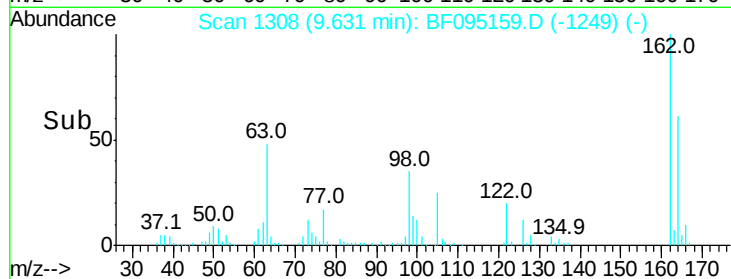
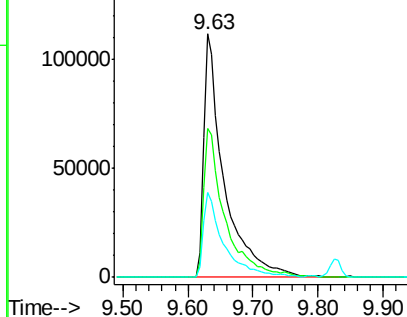
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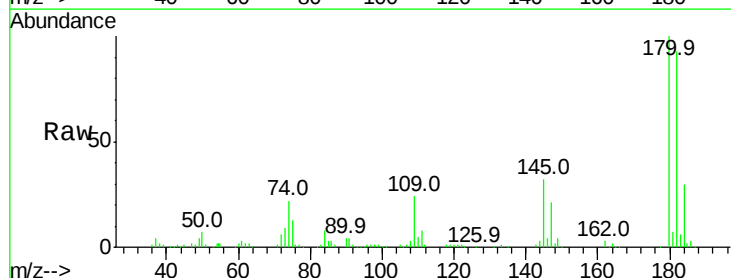


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

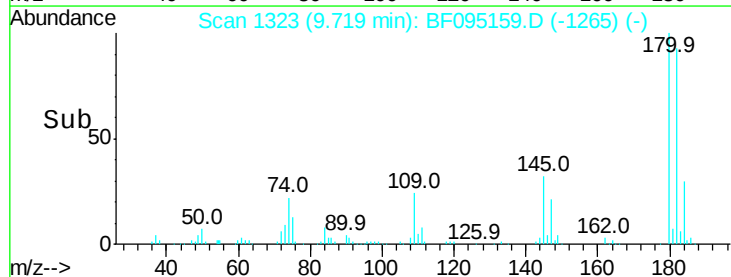
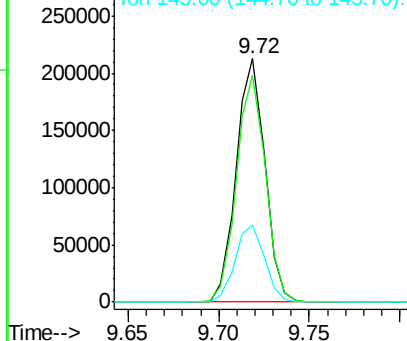


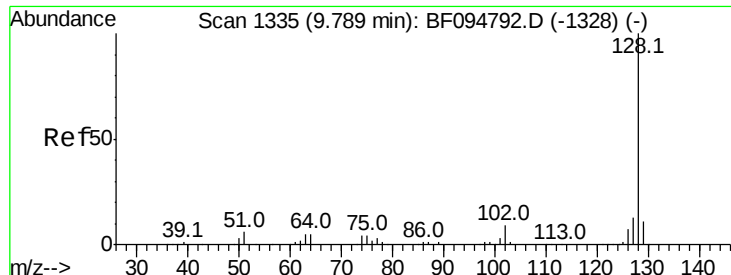
#30
 1,2,4-Trichlorobenzene
 Concen: 40.92 ng
 RT: 9.72 min Scan# 1323
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	234692		
182	93.4	75.8	113.6	
145	32.0	25.3	37.9	



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: 40.56 ng
RT: 9.82 min Scan# 1341
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

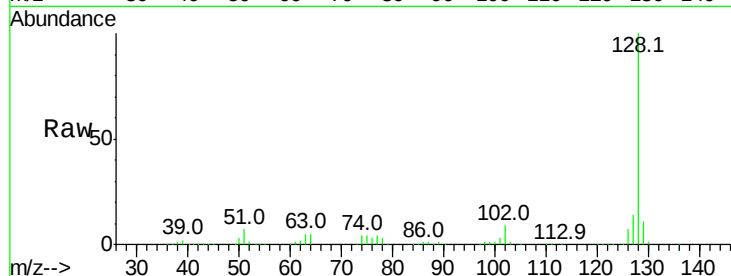
Instrument :
BNA_F
ClientSampleId :
PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	9.0	13.6	
127	13.6	10.8	16.2	

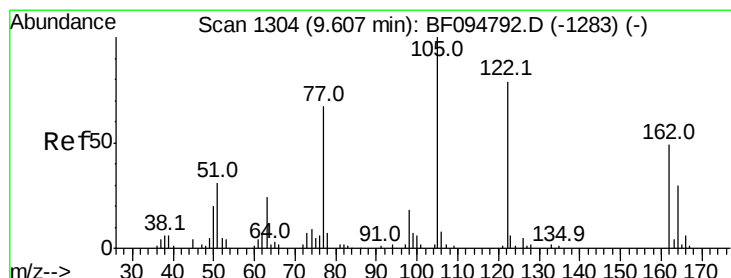
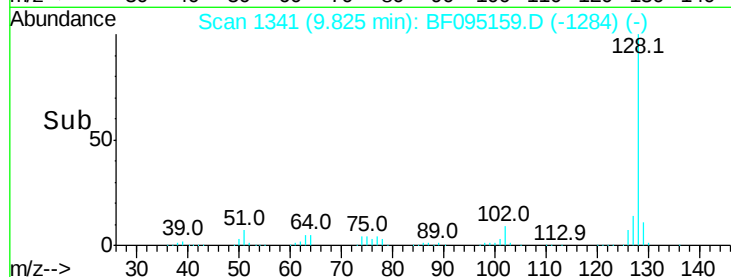
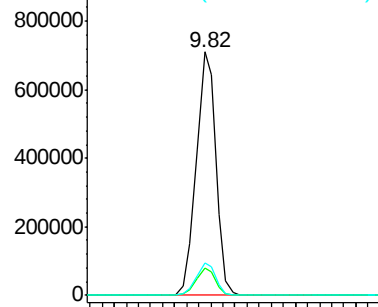
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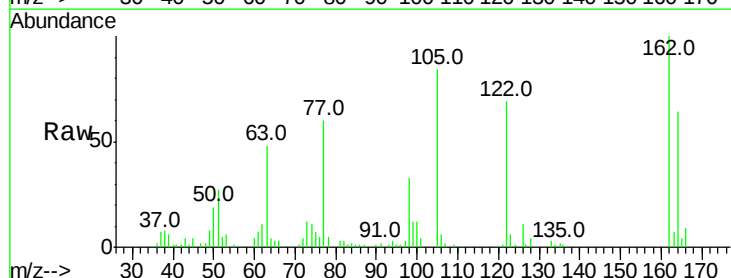


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

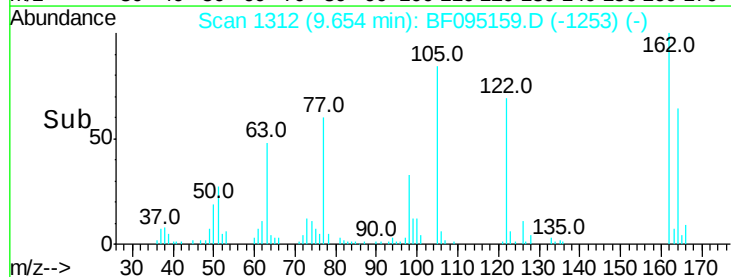
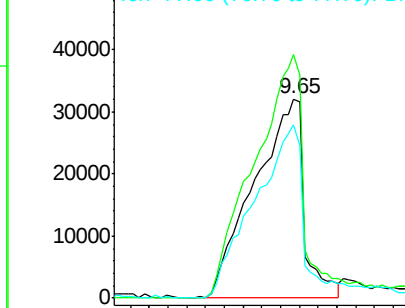


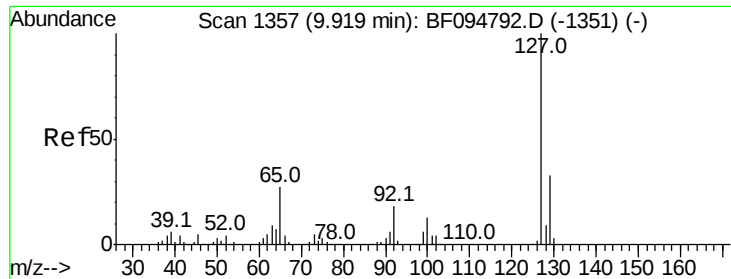
#32
Benzoic acid
Concen: 33.42 ng
RT: 9.65 min Scan# 1312
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.1	103.3	143.3	
77	87.0	73.7	113.7	



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): BF0





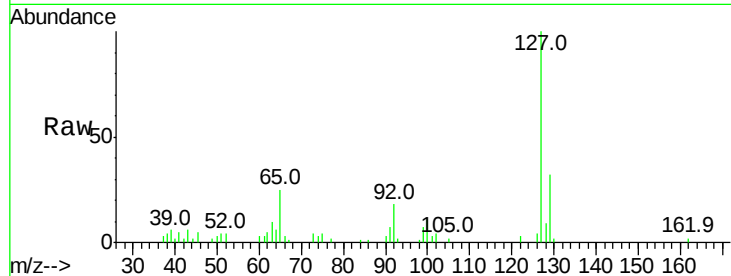
#33
 4-Chloroaniline
 Concen: 10.91 ng
 RT: 9.99 min Scan# 1369
 Delta R.T. 0.07 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

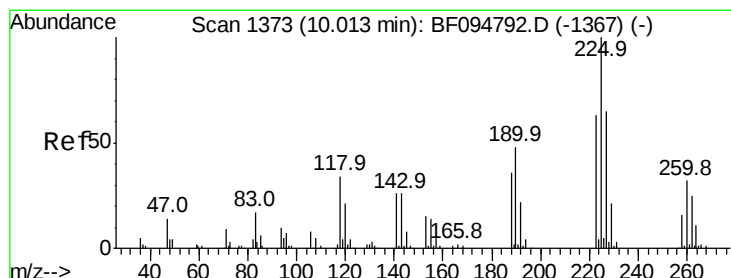
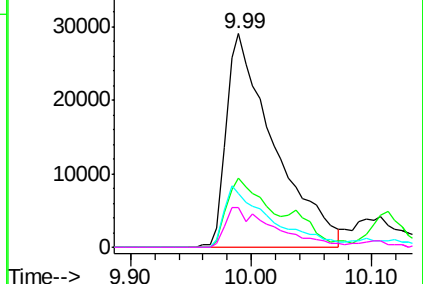
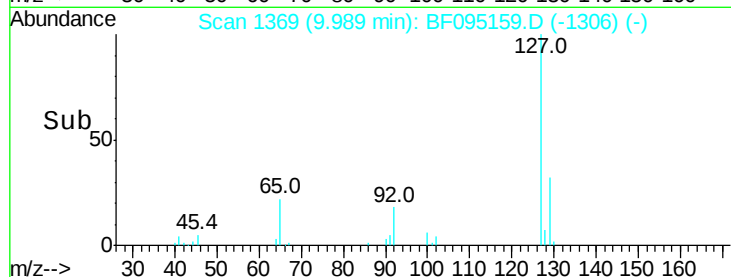
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.2	39.2		
65	25.2	27.8	41.8		
92	18.3	16.8	25.2		

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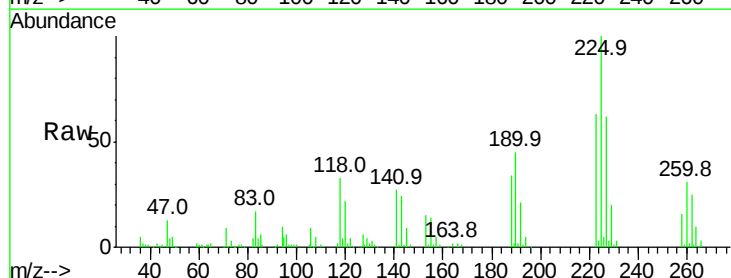


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

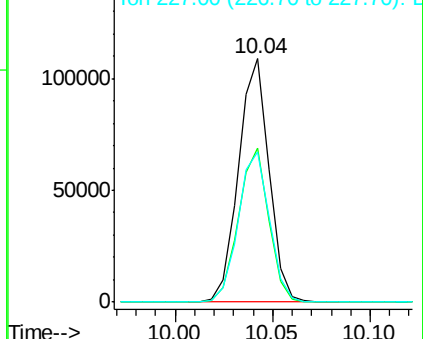
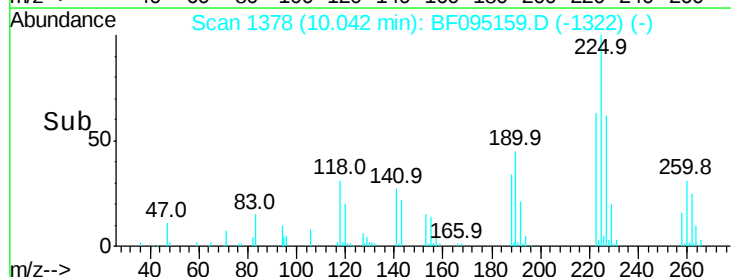


#34
 Hexachlorobutadiene
 Concen: 38.91 ng
 RT: 10.04 min Scan# 1378
 Delta R.T. 0.03 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	48.8	73.2		
227	61.9	51.1	76.7		



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 46.18 ng/mL

RT: 10.61 min Scan# 1474

Delta R.T. 0.07 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleID :

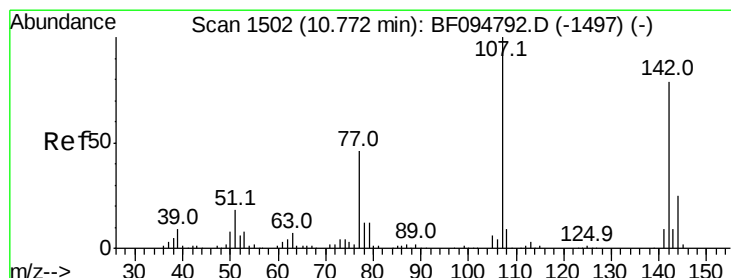
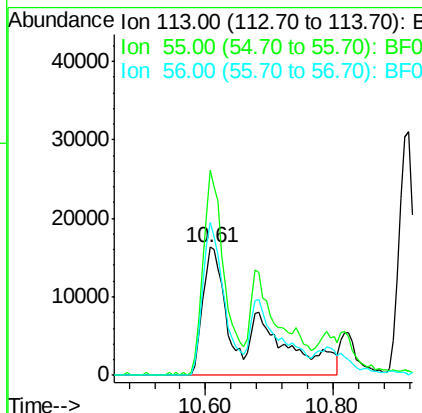
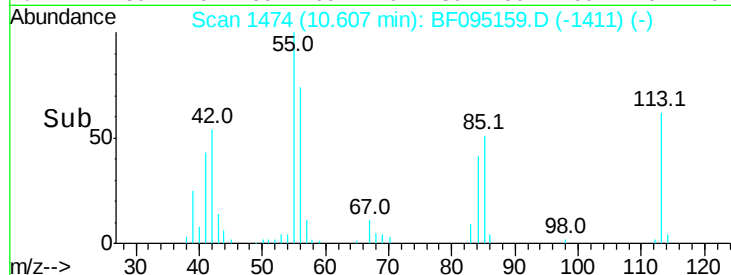
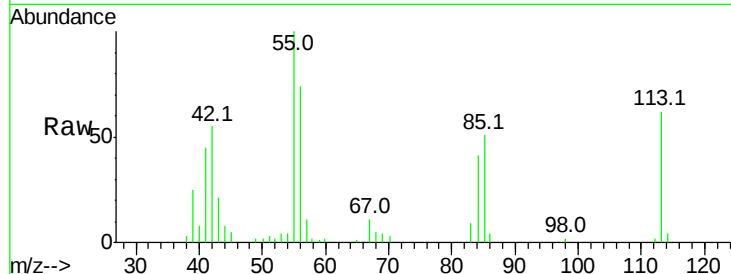
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Tot Ion:	113	Resp:	74241
Ion Ratio	Lower	Upper	
113	100		
55	160.5	150.2	190.2
56	118.8	107.8	147.8

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#36

4-Chloro-3-methylphenol

Concen: 44.87 ng/mL

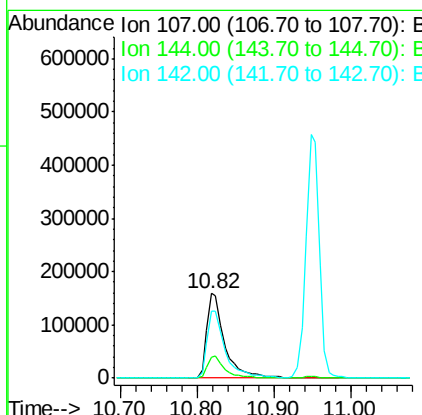
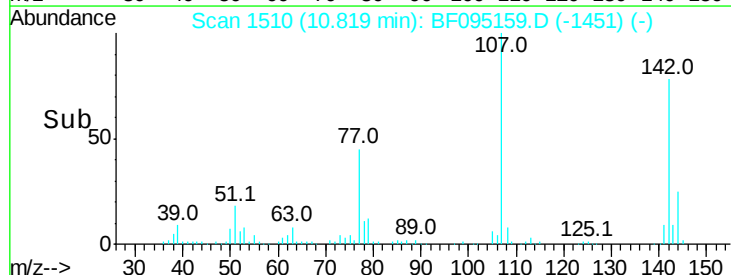
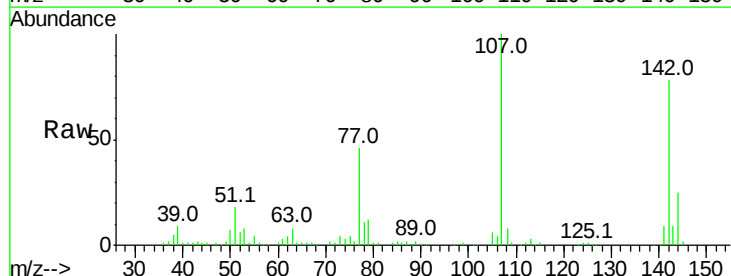
RT: 10.82 min Scan# 1510

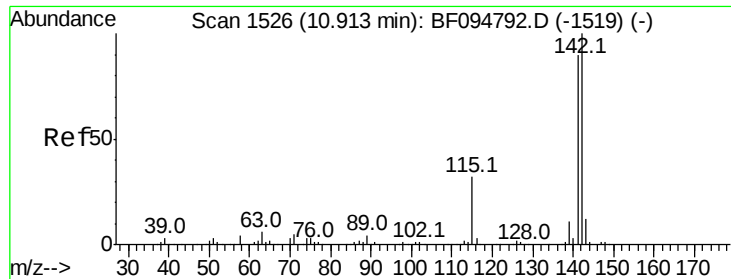
Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Tgt Ion:	107	Resp:	256872
Ion Ratio	Lower	Upper	
107	100		
144	25.1	24.2	36.4
142	78.4	73.4	110.0





#37
2-Methylnaphthalene
Concen: 42.96 ng
RT: 10.95 min Scan# 1532
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

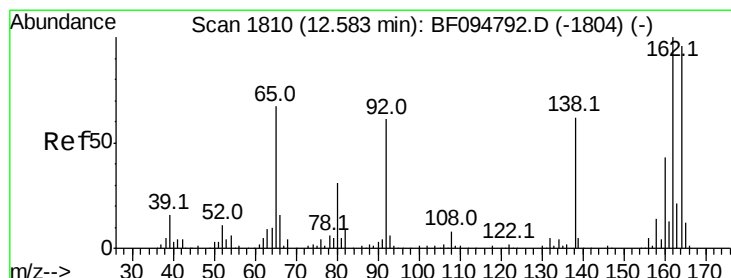
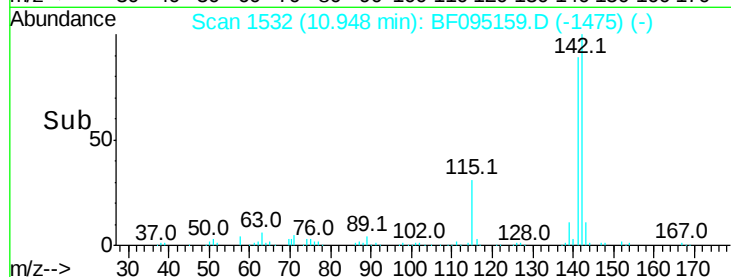
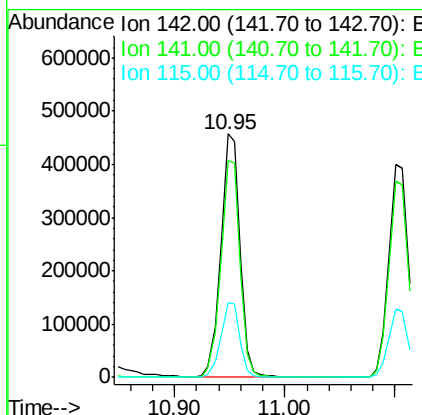
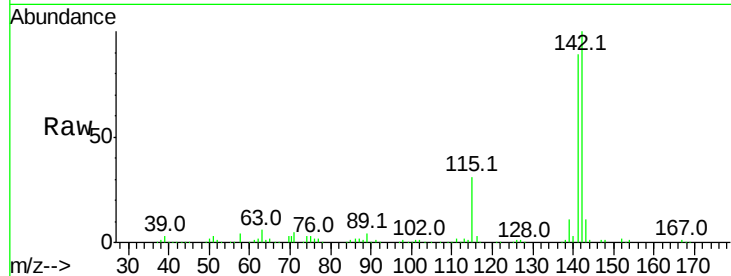
Instrument :
BNA_F
ClientSampleId :
PB98998BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	30.8	27.1	40.7

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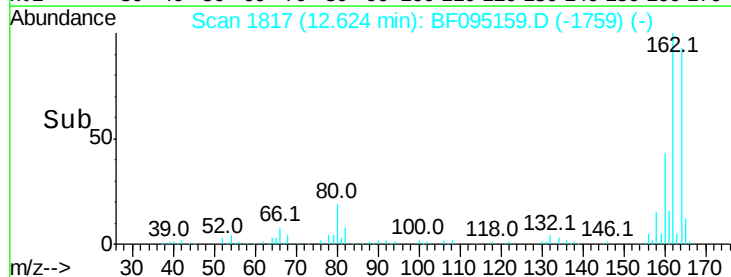
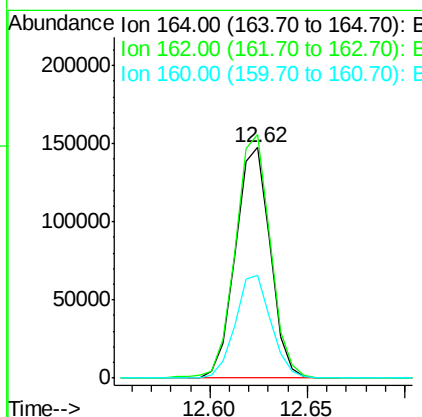
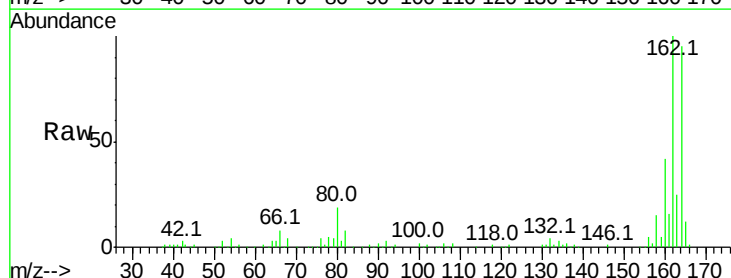
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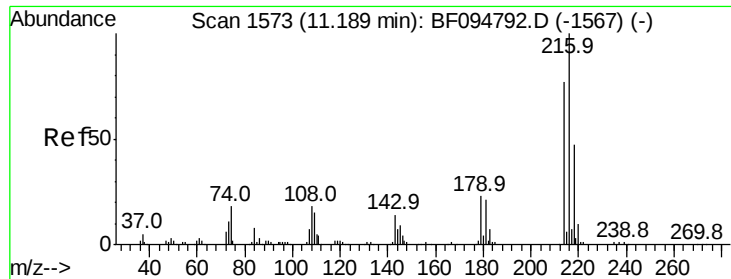
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1817
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	44.8	36.2	54.2





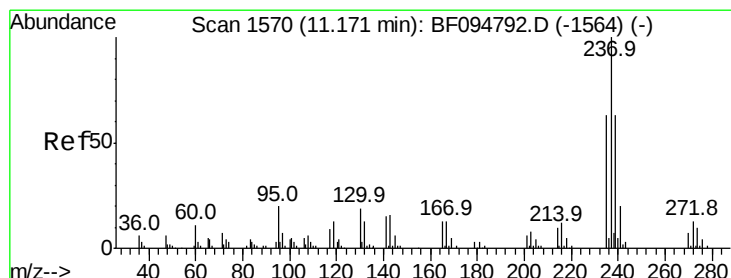
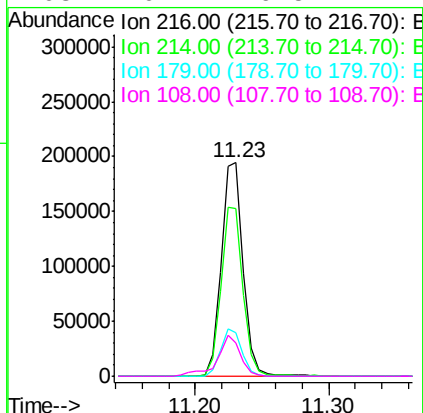
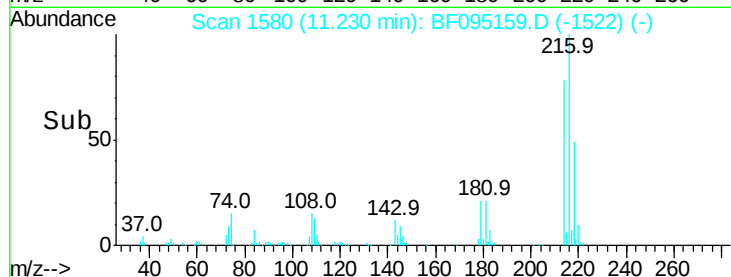
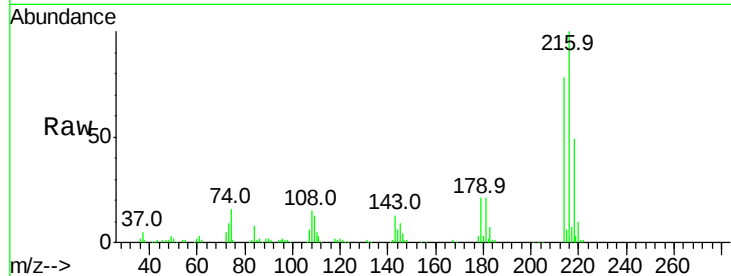
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.06 ng
 RT: 11.23 min Scan# 1580
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	223771		
214	79.6	63.4	95.2	
179	22.0	17.9	26.9	
108	20.2	16.5	24.7	

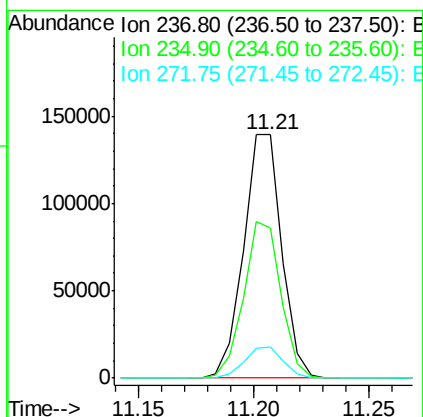
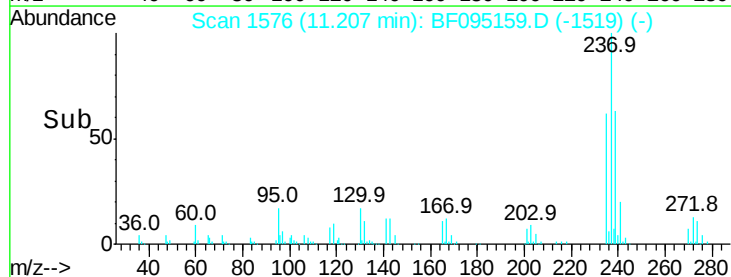
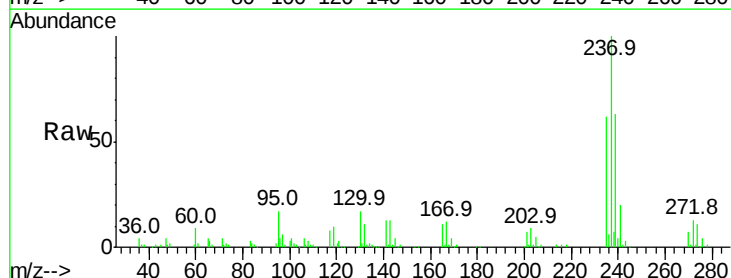
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#40
 Hexachlorocyclopentadiene
 Concen: 69.30 ng
 RT: 11.21 min Scan# 1576
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	160663		
235	61.8	42.6	82.6	
272	12.9	0.0	31.9	





#41
 2,4,6-Tribromophenol
 Concen: 134.76 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

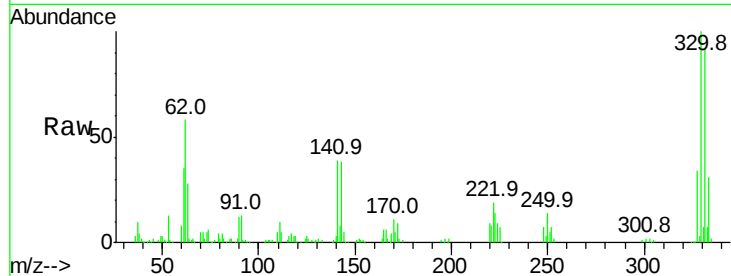
Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	38.4	31.4	47.2

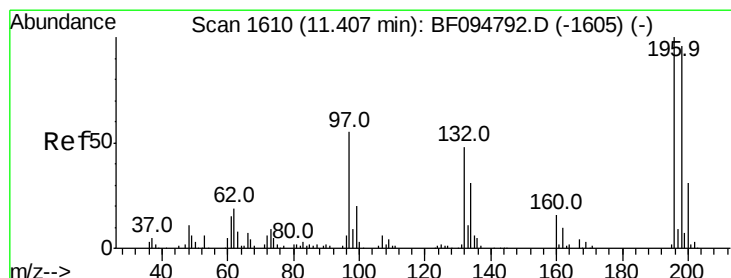
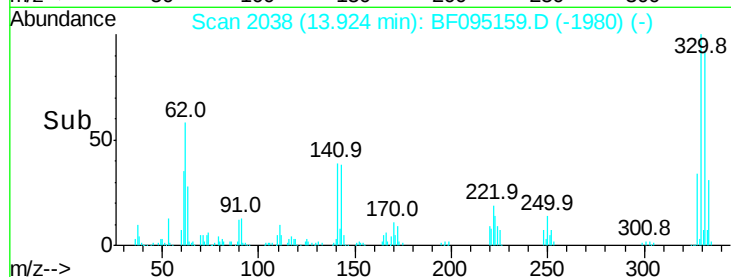
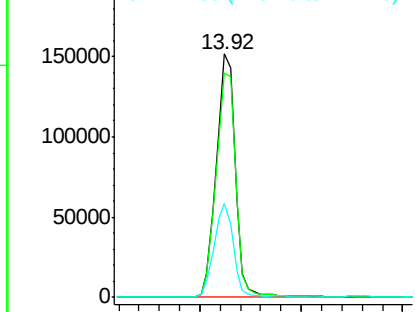
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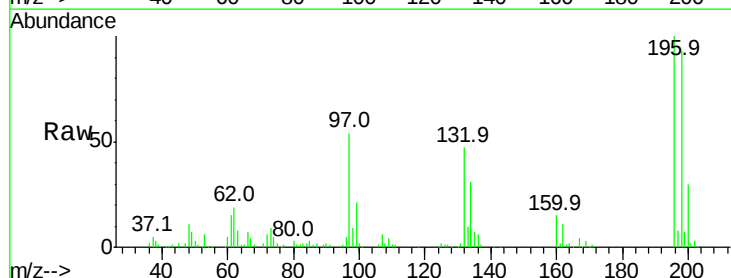


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

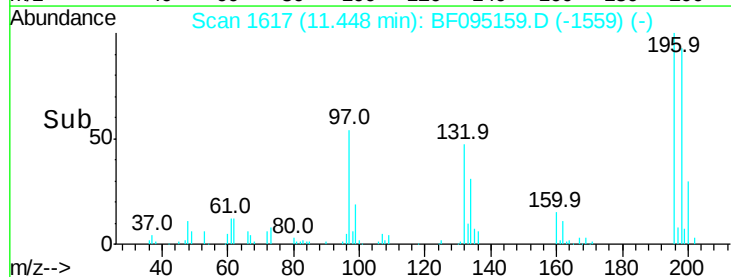
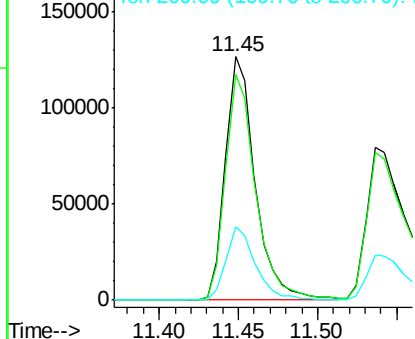


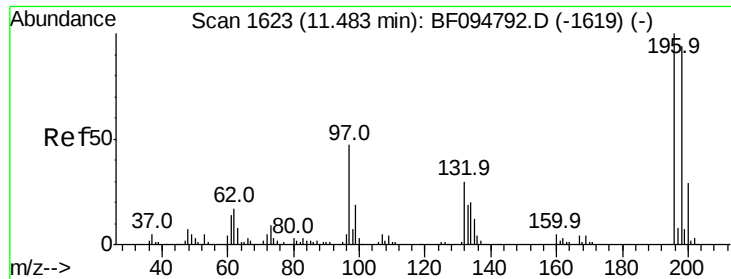
#42
 2,4,6-Trichlorophenol
 Concen: 44.26 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	74.2	111.4
200	30.1	24.0	36.0



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





#43
 2,4,5-Trichlorophenol
 Concen: 39.46 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

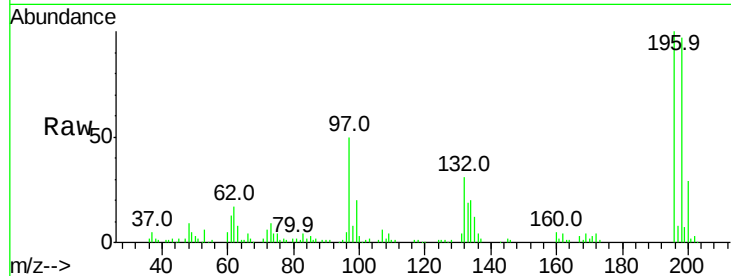
Instrument :
 BNA_F
 ClientSampleID :
 PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158154		
198	96.8	75.7	113.5	
97	50.0	47.7	71.5	
132	31.3	28.0	42.0	

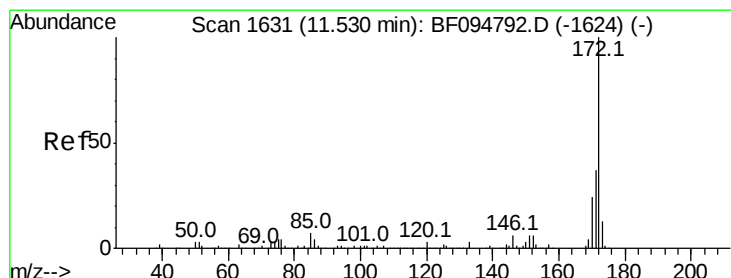
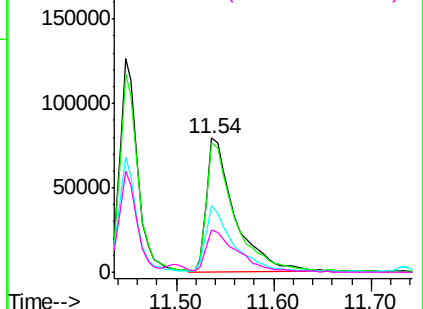
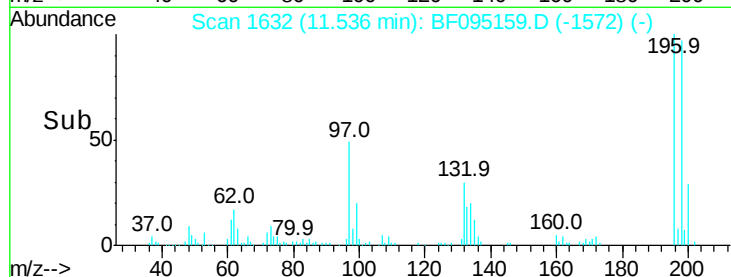
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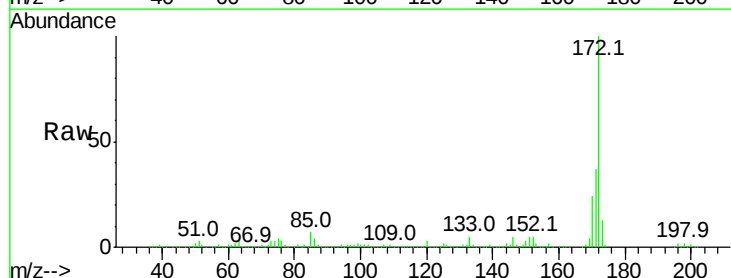


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

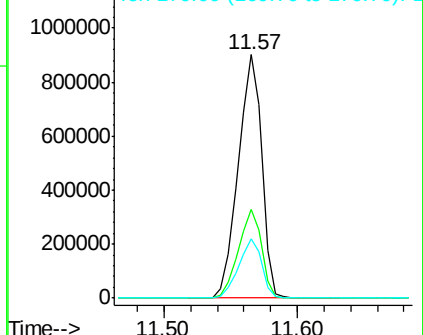
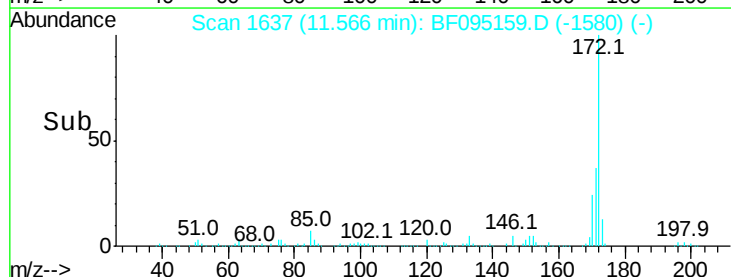


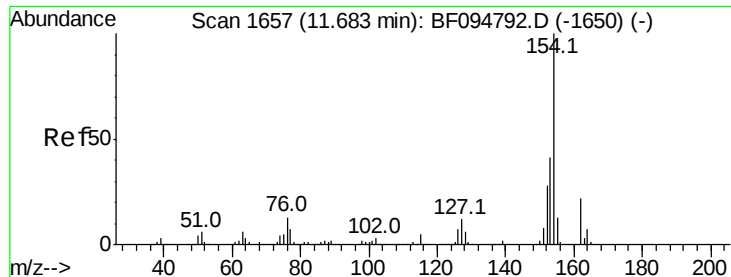
#44
 2-Fluorobiphenyl
 Concen: 87.16 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1099814		
171	36.6	29.6	44.4	
170	24.1	19.8	29.8	



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





#45

1,1'-Biphenyl

Concen: 38.86 ng

RT: 11.72 min Scan# 1663

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

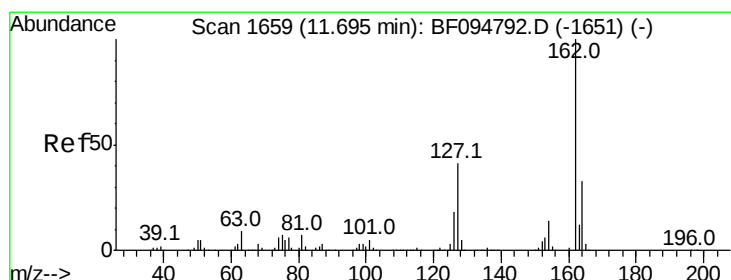
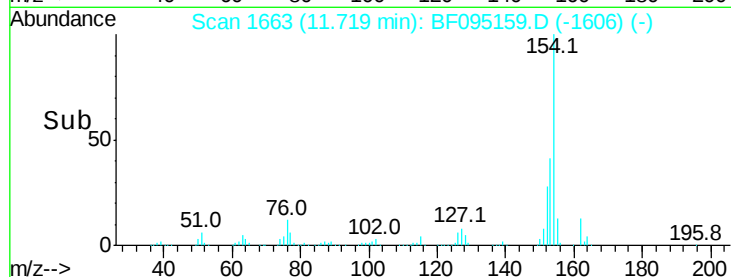
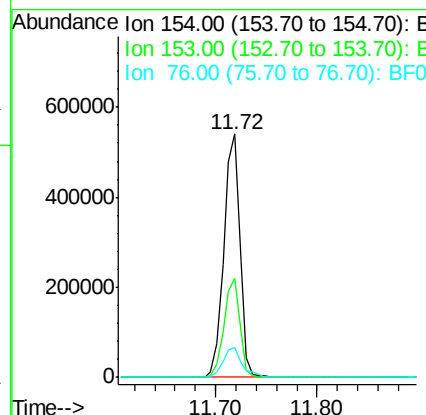
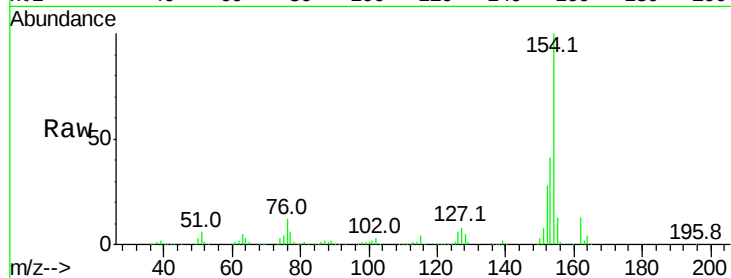
PB98998BS

Tot Ion:	154	Resp:	594270
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.2	61.2
76	12.3	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 37.67 ng

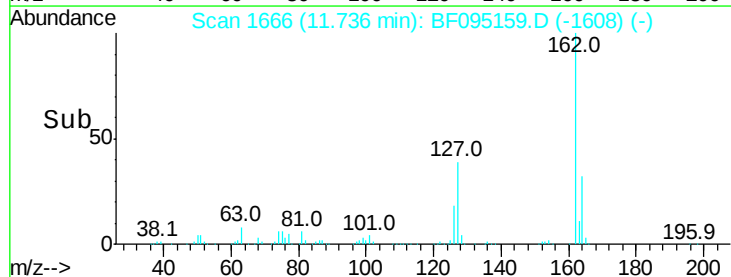
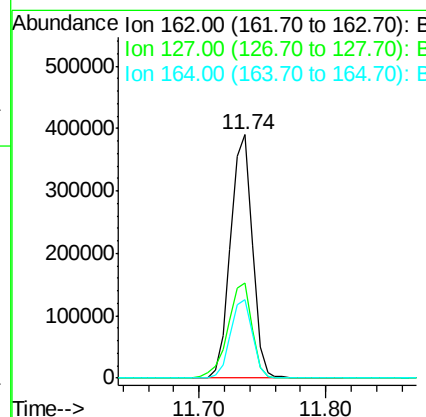
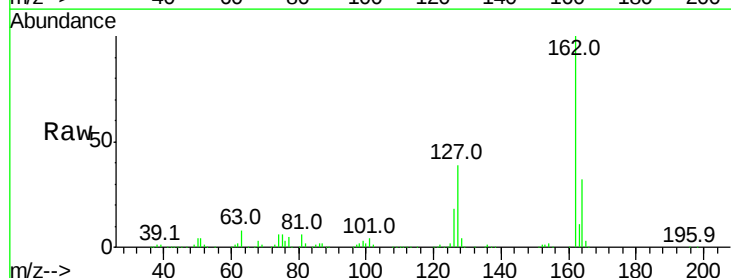
RT: 11.74 min Scan# 1666

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Tgt Ion:	162	Resp:	465200
Ion Ratio	Lower	Upper	
162	100		
127	39.2	28.3	42.5
164	32.2	27.0	40.4





#47
 2-Nitroaniline
 Concen: 41.46 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

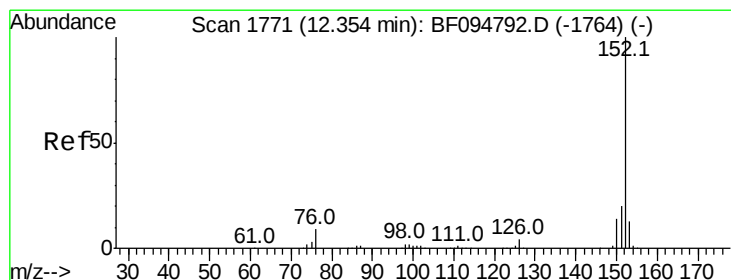
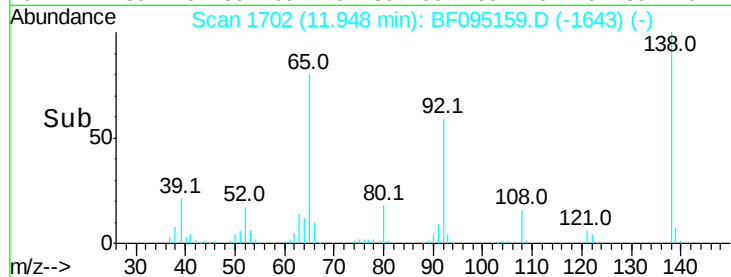
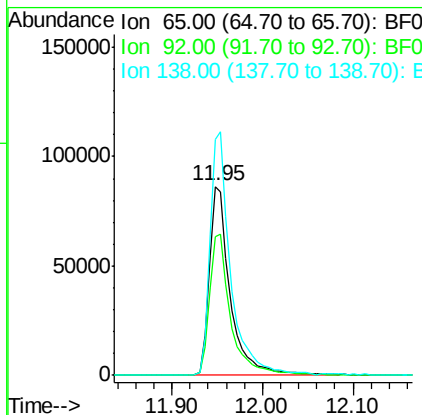
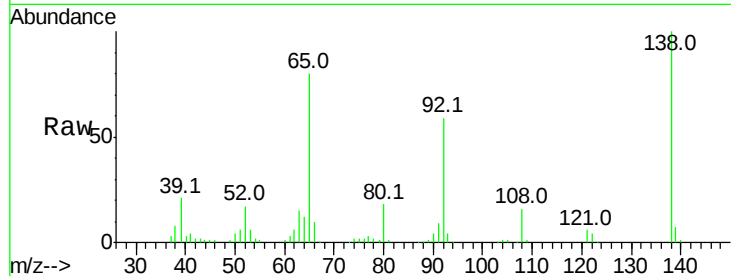
Instrument :
 BNA_F
 ClientSampleID :
 PB98998BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.3	53.9	80.9
138	125.0	78.8	118.2

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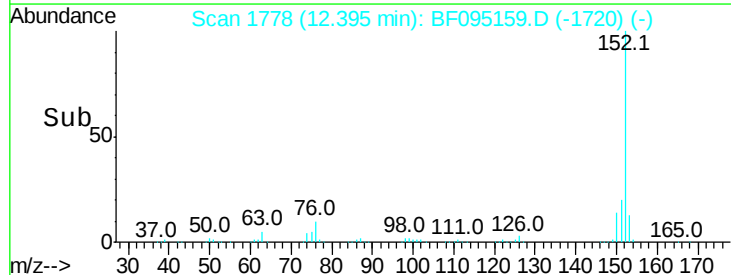
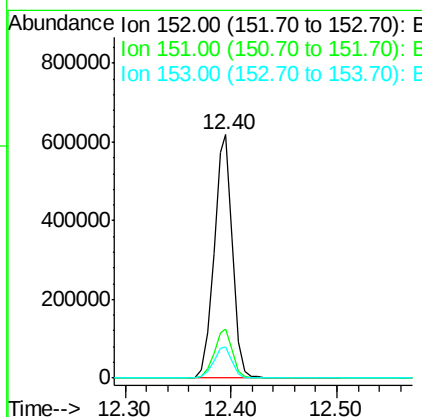
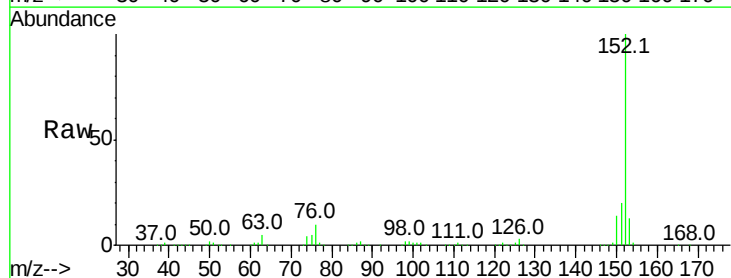
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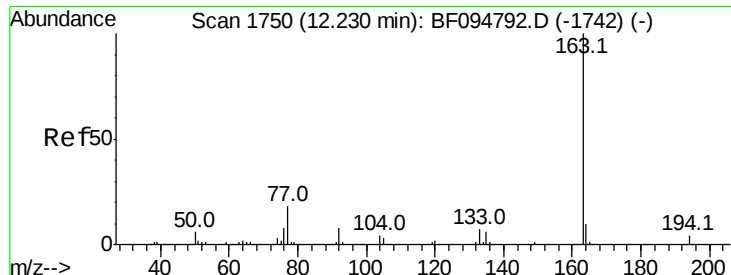
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#48
 Acenaphthylene
 Concen: 38.96 ng
 RT: 12.40 min Scan# 1778
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	12.8	10.8	16.2





#49

Dimethylphthalate

Concen: 41.40 ng

RT: 12.27 min Scan# 1756

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

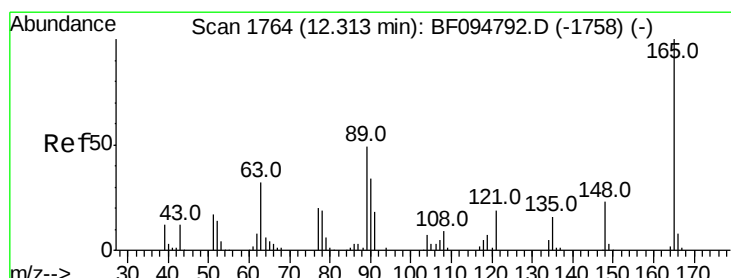
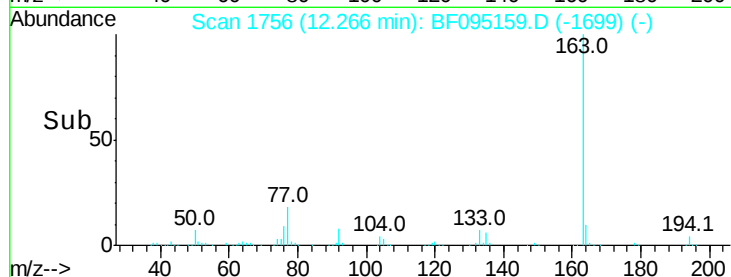
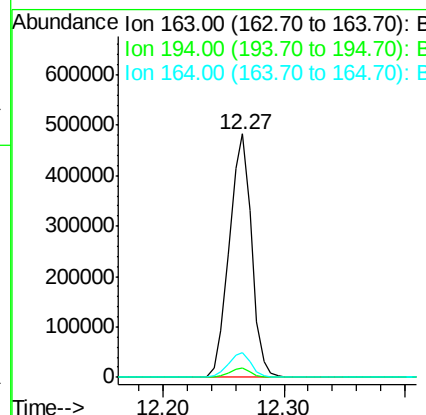
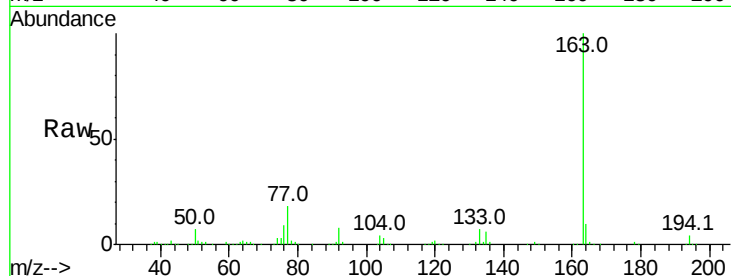
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Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.6	4.0	
164	10.2	8.4	12.6	

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#50

2,6-Dinitrotoluene

Concen: 44.62 ng

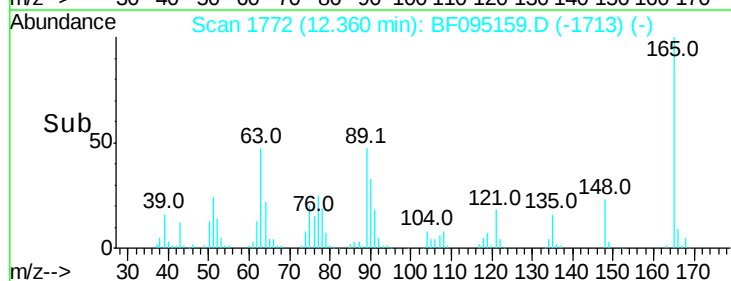
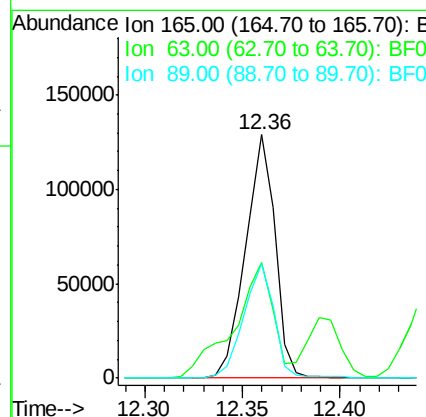
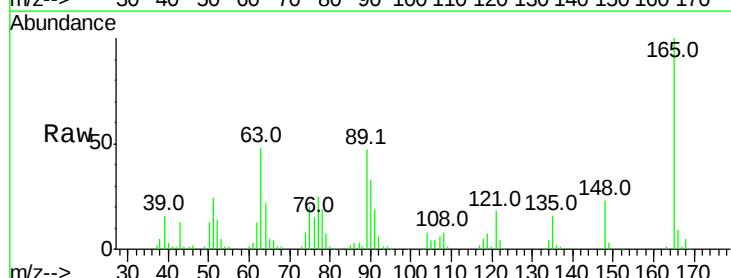
RT: 12.36 min Scan# 1772

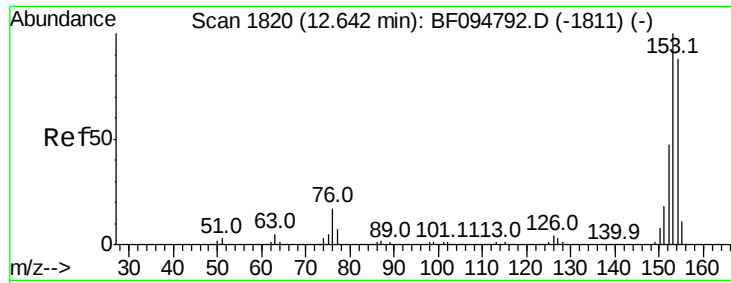
Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.5	34.3	51.5	
89	46.8	37.1	55.7	





#51

Acenaphthene

Concen: 41.42 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB98998BS

Tot Ion:154 Resp: 478476

Ion Ratio Lower Upper

154 100

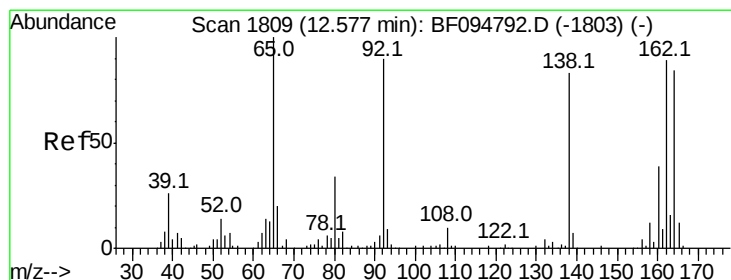
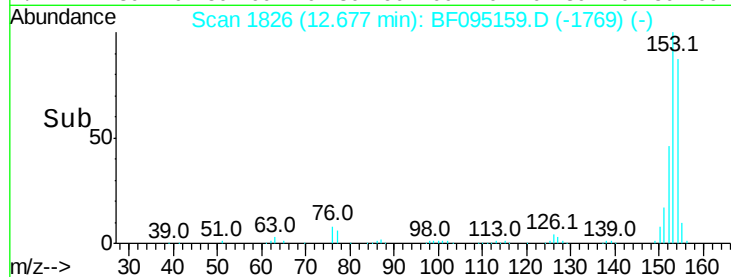
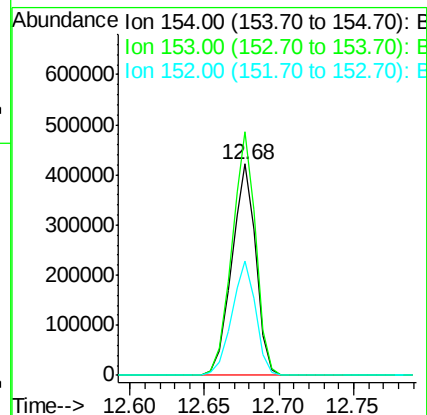
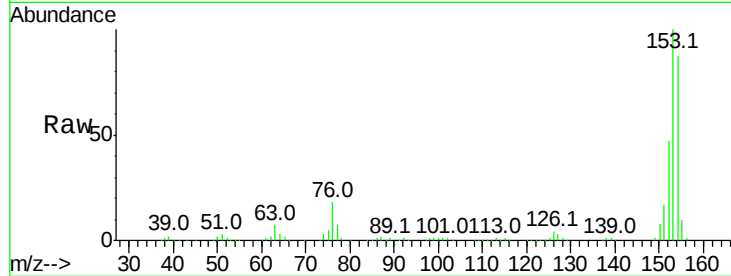
153 115.2 90.5 135.7

152 53.9 43.6 65.4

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#52

3-Nitroaniline

Concen: 19.73 ng

RT: 12.64 min Scan# 1819

Delta R.T. 0.06 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

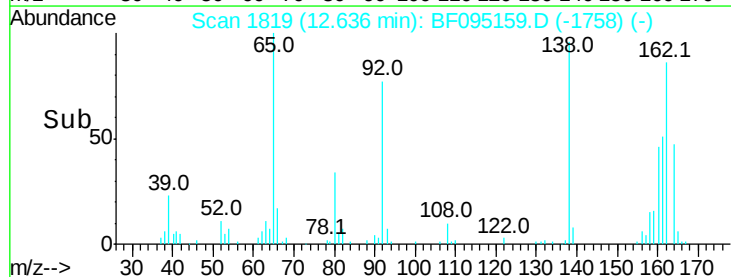
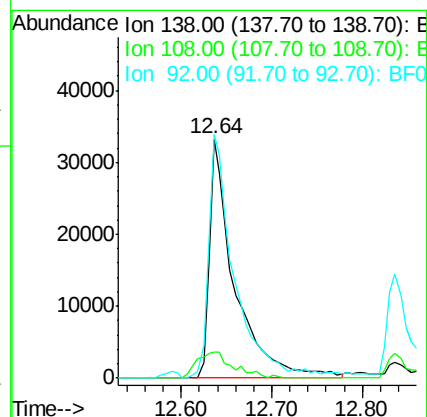
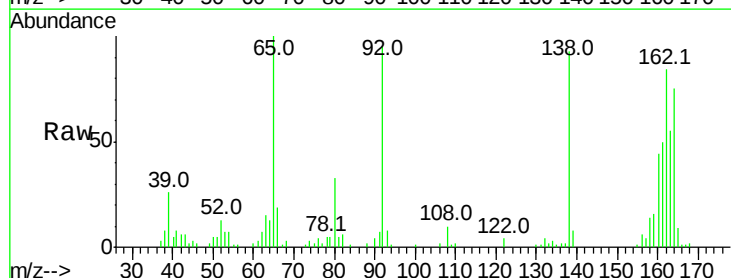
Tgt Ion:138 Resp: 64421

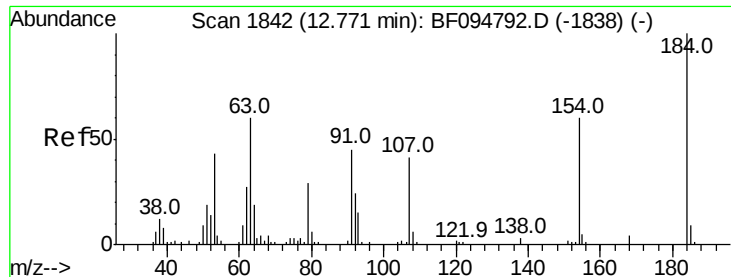
Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

92 102.0 93.8 140.6





#53
 2,4-Dinitrophenol
 Concen: 67.98 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. 0.06 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

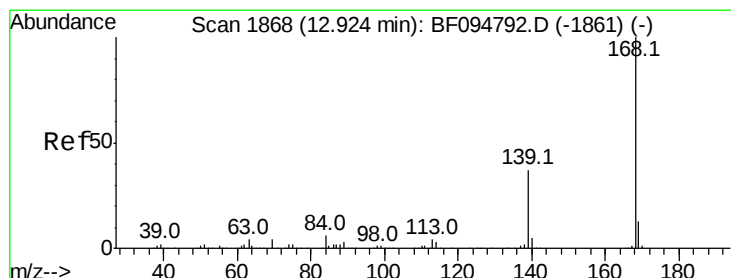
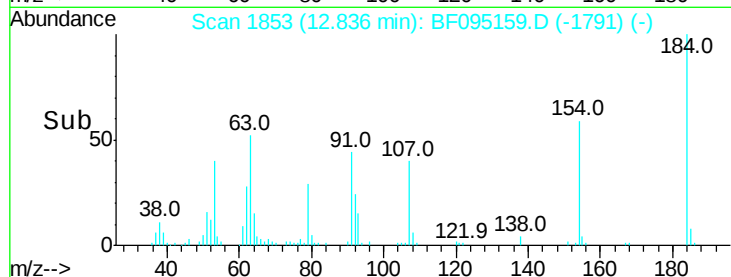
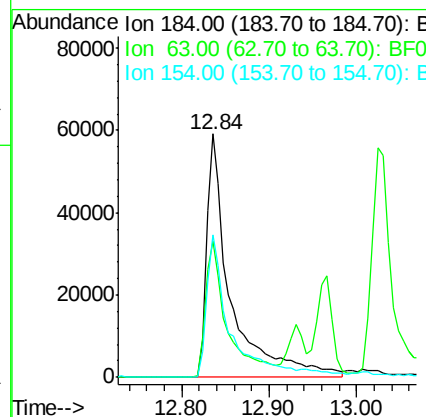
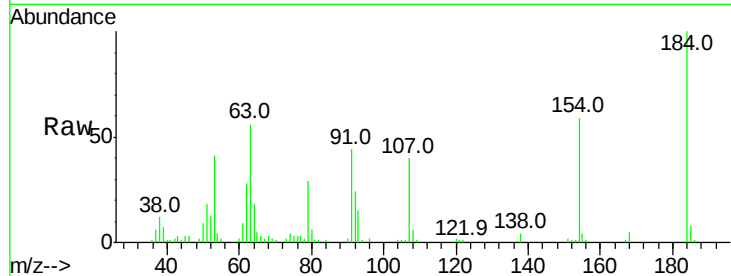
Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	56.0	62.7	94.1#	
154	58.5	81.1	121.7#	

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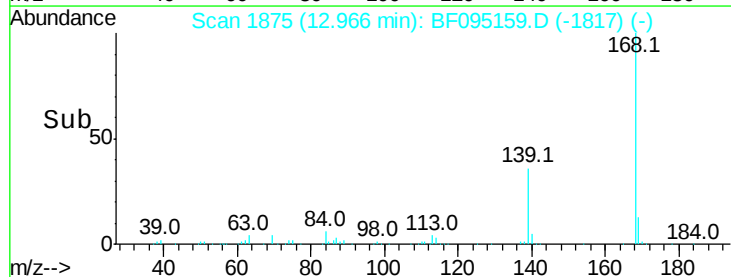
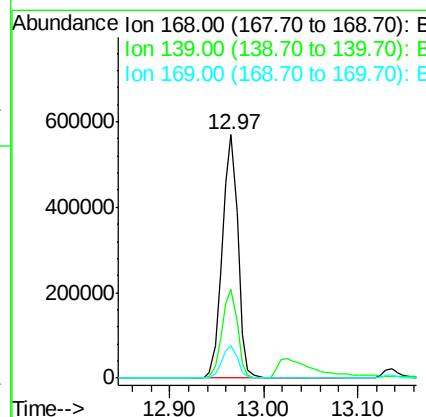
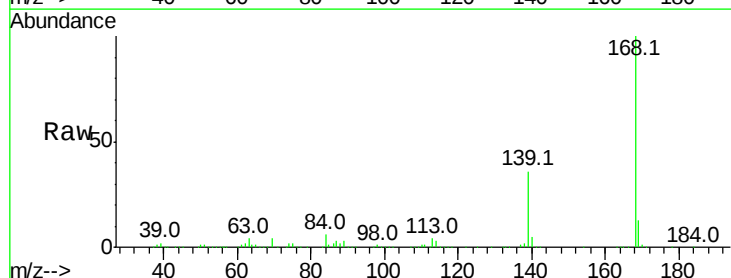
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#54
 Dibenzofuran
 Concen: 41.70 ng
 RT: 12.97 min Scan# 1875
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.3	30.6	45.8	
169	13.2	10.8	16.2	





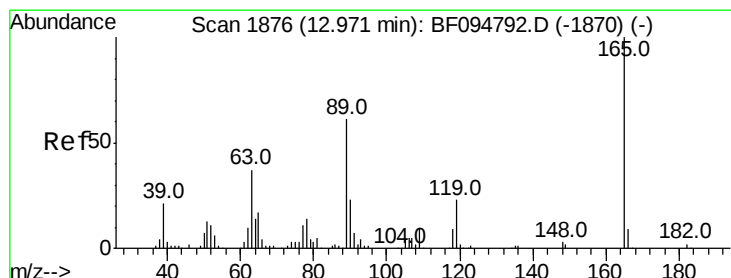
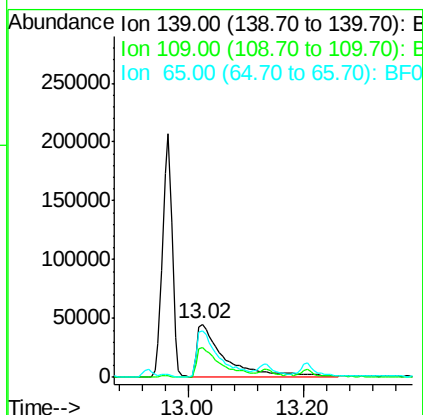
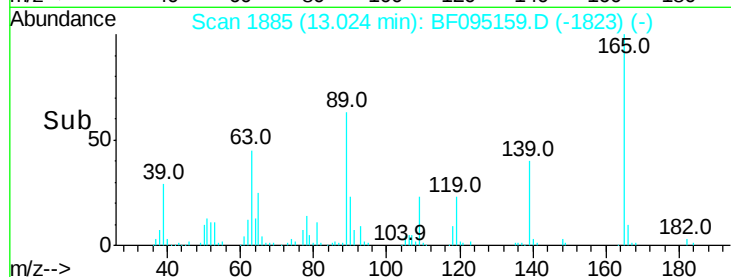
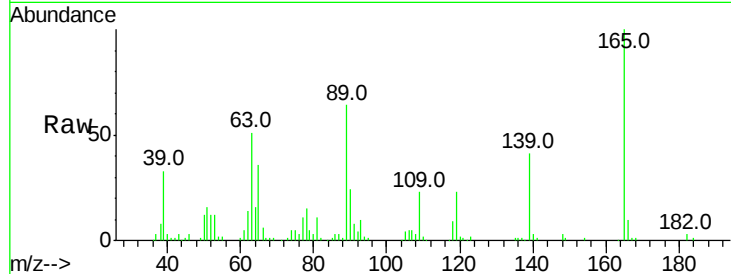
#55
4-Nitrophenol
Concen: 75.19 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.06 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Instrument :
BNA_F
ClientSampled :
PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.7	34.1	74.1	
65	86.4	31.4	71.4	

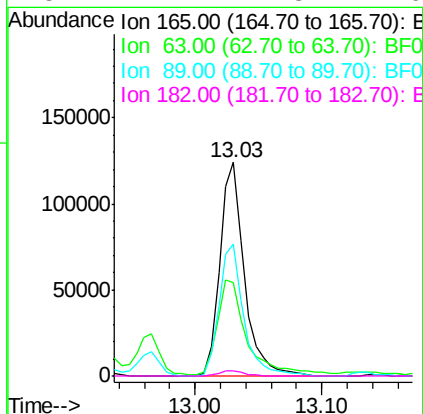
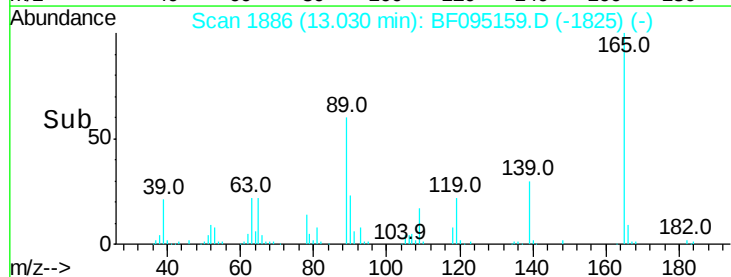
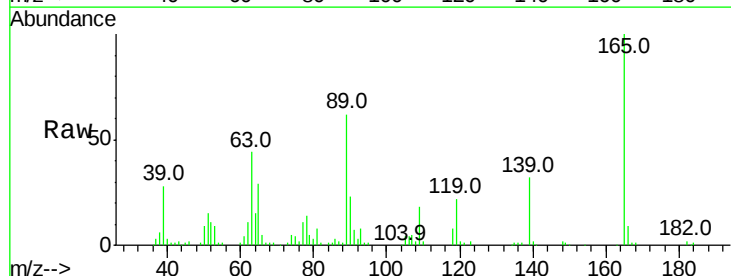
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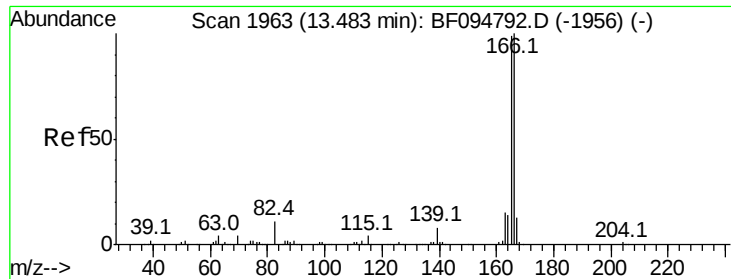
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#56
2,4-Dinitrotoluene
Concen: 42.64 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.6	25.4	38.0	
89	62.0	46.4	69.6	
182	2.4	1.8	2.6	





#57
Fluorene
 Concen: 43.03 ng
 RT: 13.52 min Scan# 1969
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

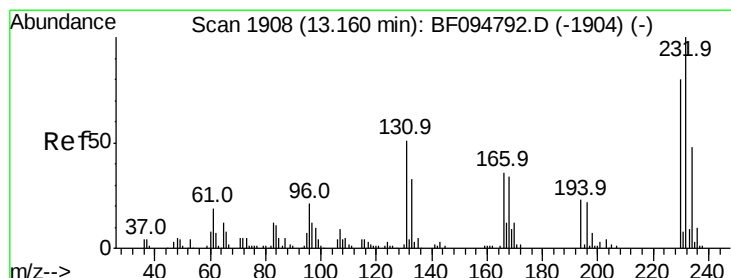
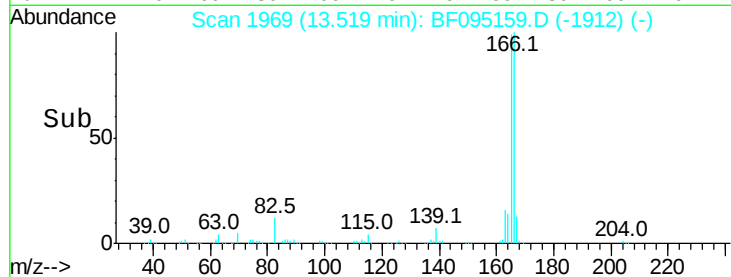
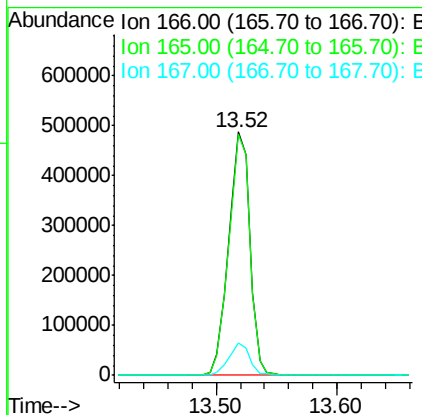
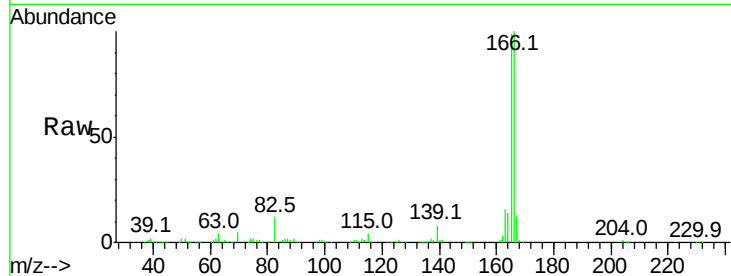
Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.8	118.2
167	13.2	10.6	16.0

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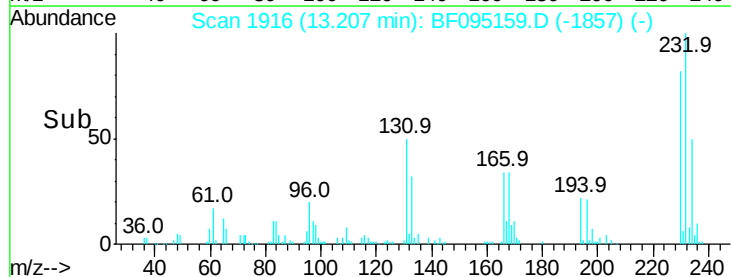
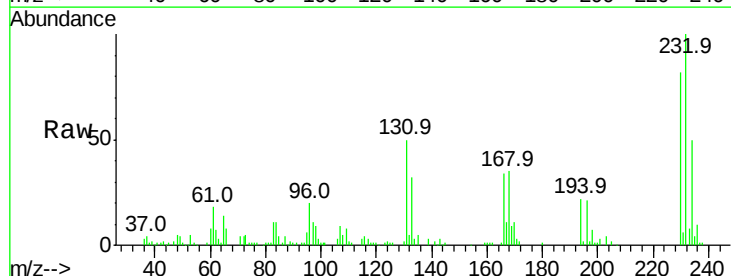
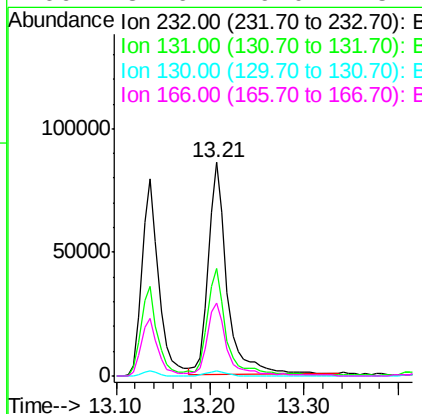
mohammad

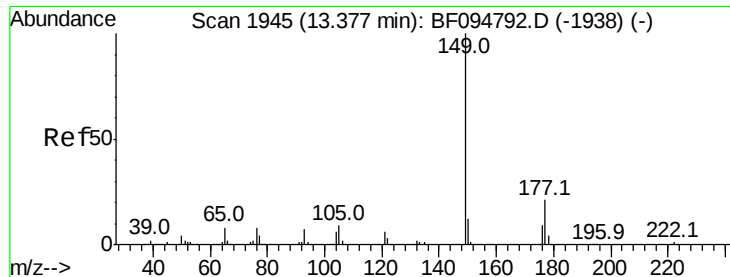
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.47 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.4	44.8	67.2
130	2.2	2.3	3.5#
166	34.6	29.0	43.4





#59
Diethylphthalate
Concen: 41.26 ng
RT: 13.41 min Scan# 1951
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

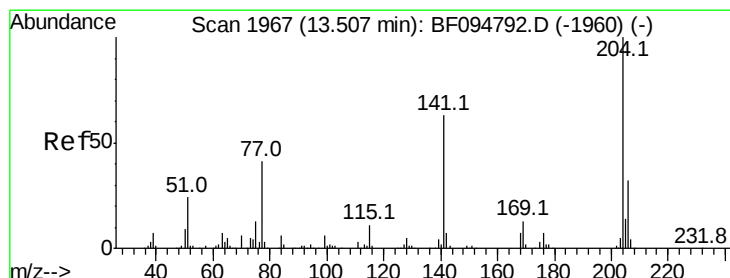
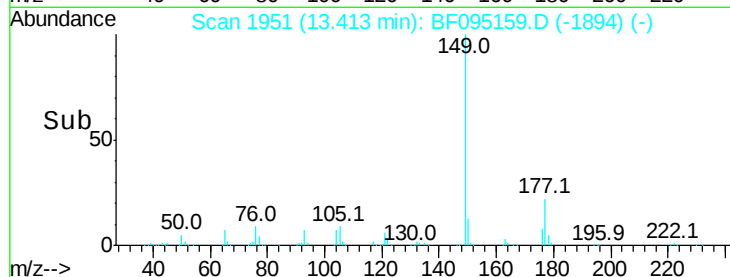
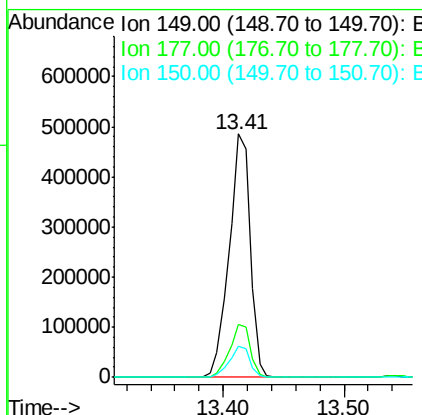
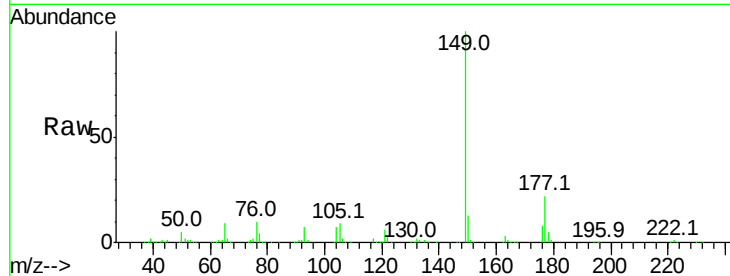
Instrument :
BNA_F
ClientSampleId :
PB98998BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.6	10.2	15.2

Manual Integrations
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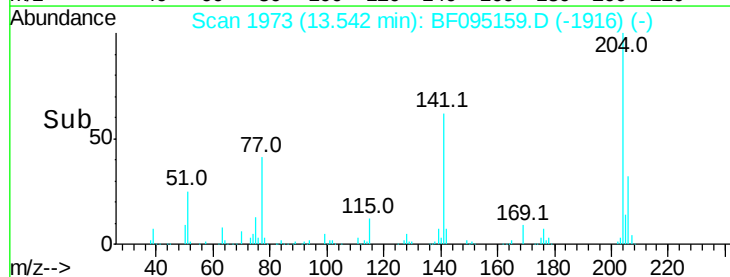
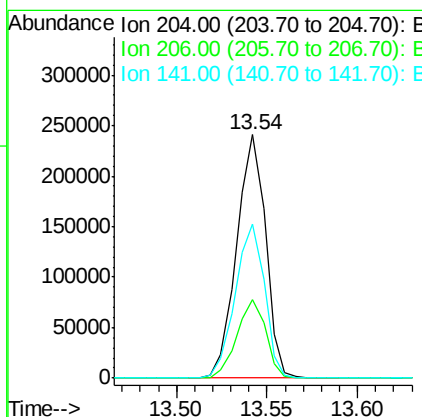
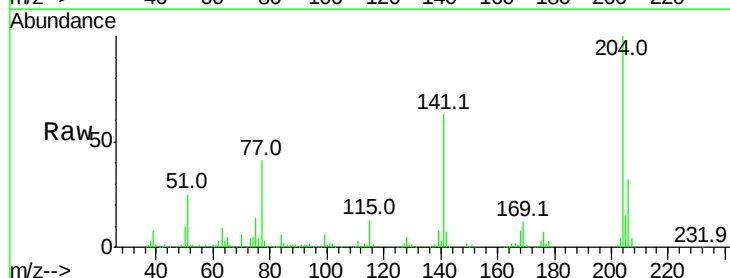
mohammad

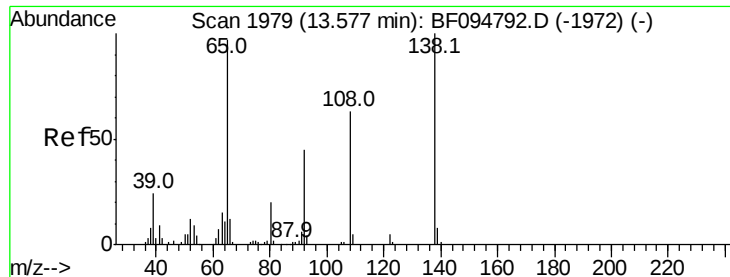
5/17/2017 5:48:18 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.80 ng
RT: 13.54 min Scan# 1973
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.2	39.2
141	63.1	60.8	91.2





#61
4-Nitroaniline
Concen: 36.39 ng
RT: 13.64 min Scan# 1989
Delta R.T. 0.06 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

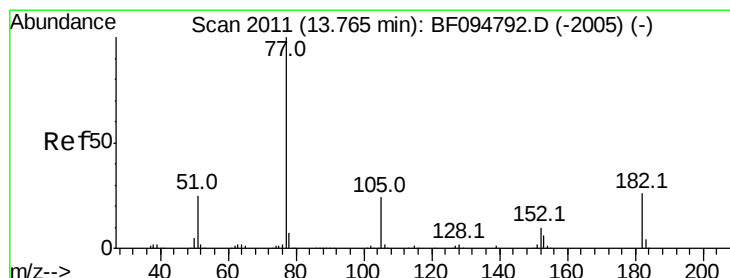
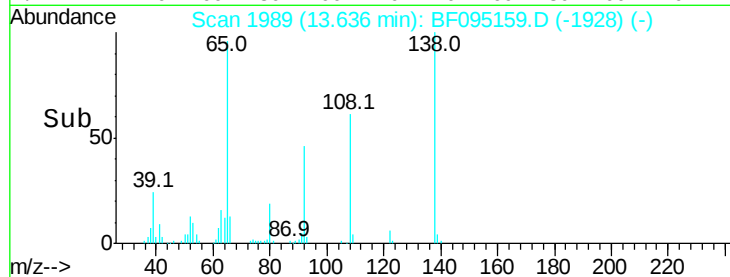
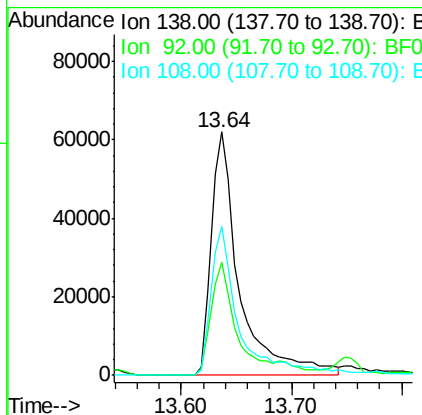
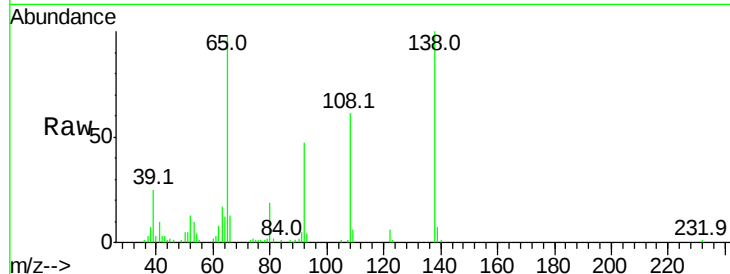
Instrument :
BNA_F
ClientSampleId :
PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	46.5	21.8	61.8	
108	60.9	42.3	82.3	

Manual Integrations
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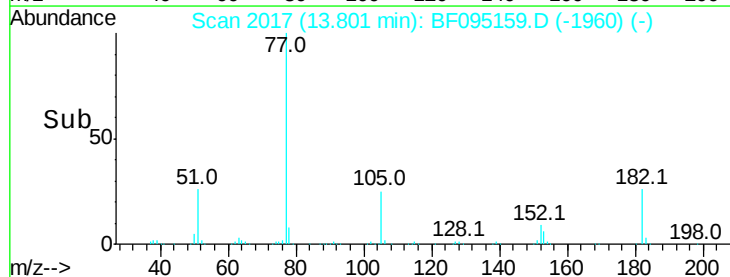
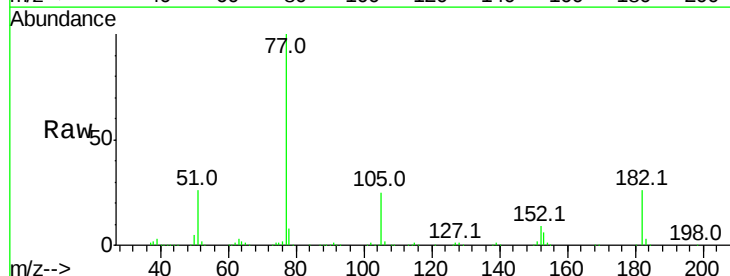
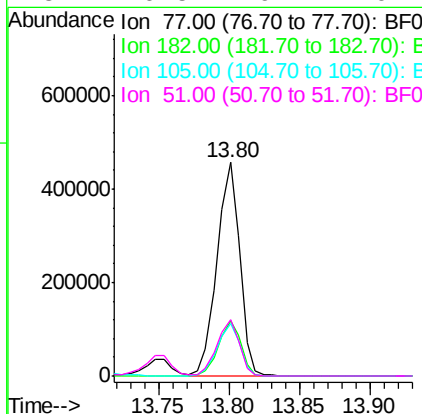
mohammad

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#62
Azobenzene
Concen: 44.73 ng
RT: 13.80 min Scan# 2017
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.9	0.1	40.1	
105	24.7	3.6	43.6	
51	26.5	9.4	49.4	





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2225
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

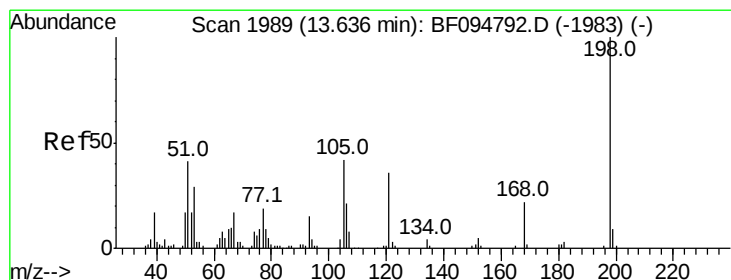
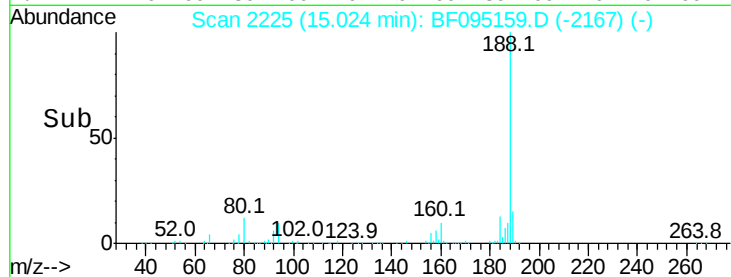
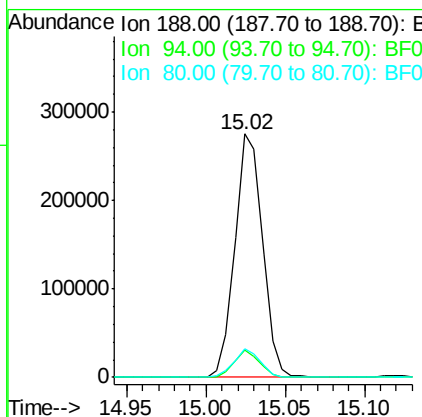
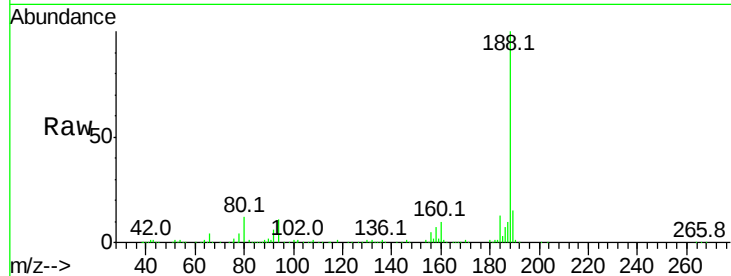
Instrument :
BNA_F
ClientSampleId :
PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.0	9.4	14.2	
80	11.6	10.2	15.2	

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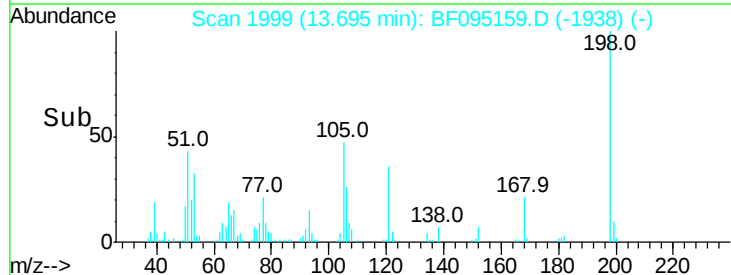
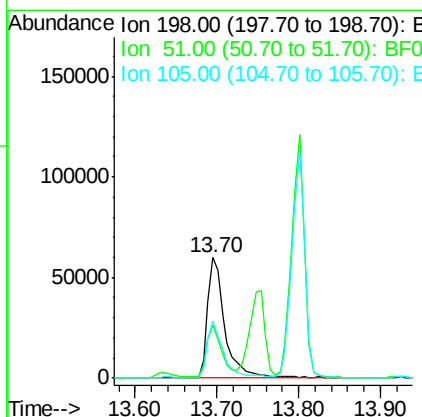
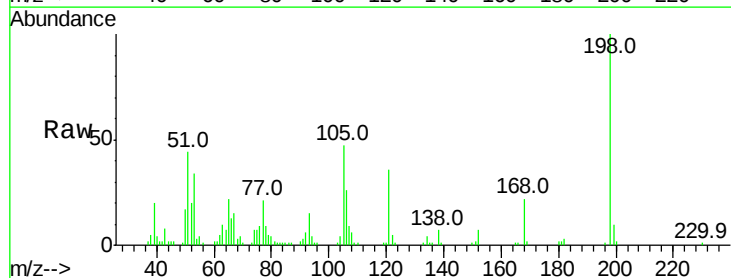
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.87 ng
RT: 13.70 min Scan# 1999
Delta R.T. 0.06 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	43.7	53.2	93.2#	
105	46.7	45.8	85.8	





#65
n-Nitrosodiphenylamine
Concen: 38.17 ng
RT: 13.75 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

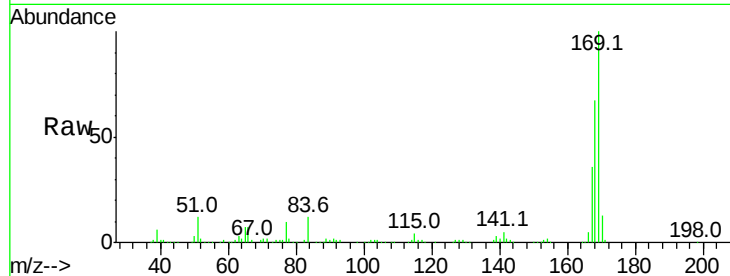
Instrument :
BNA_F
ClientSampleId :
PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	461398		
168	66.7	53.2	79.8	
167	36.0	29.5	44.3	

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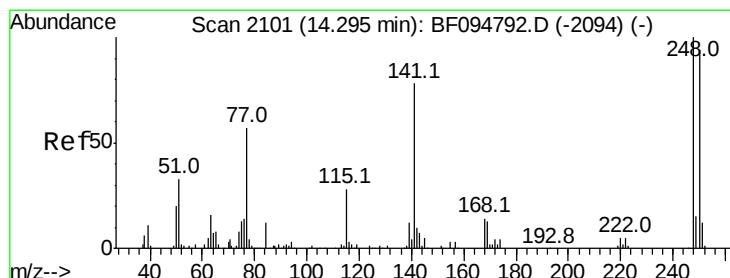
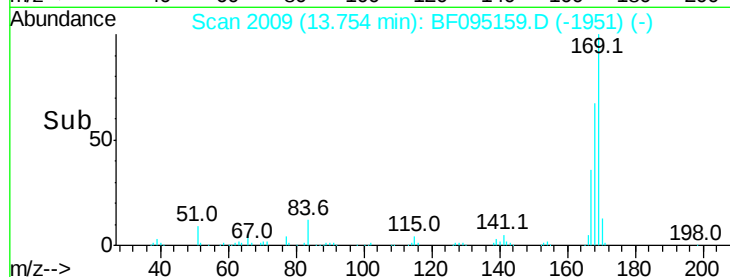
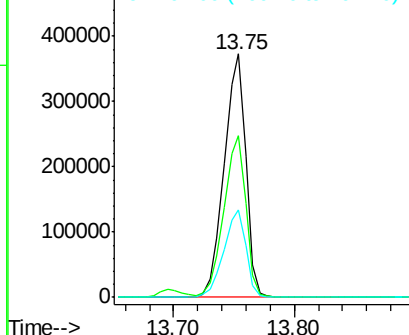


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 40.37 ng
RT: 14.33 min Scan# 2107
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

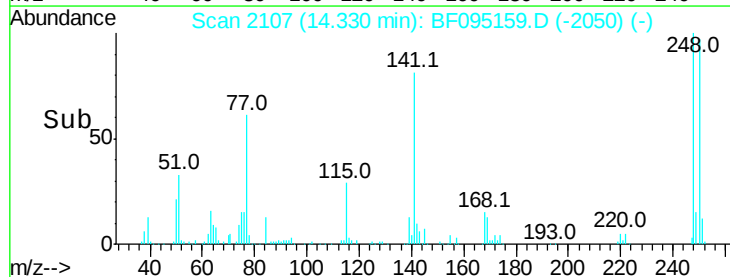
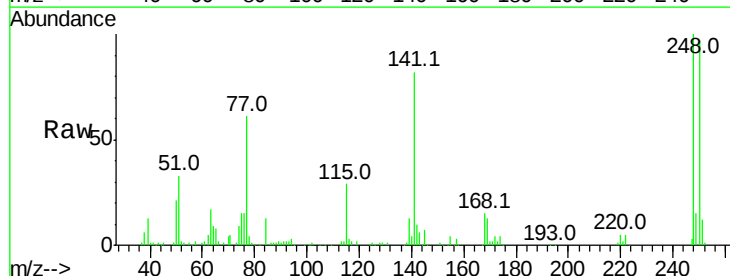
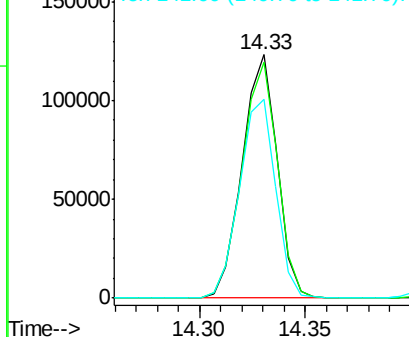
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	142066		
250	97.1	76.8	115.2	
141	81.6	68.6	103.0	

Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.65 ng

RT: 14.42 min Scan# 2122

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB98998BS

Tot Ion:284 Resp: 146595
Ion Ratio Lower Upper

284 100

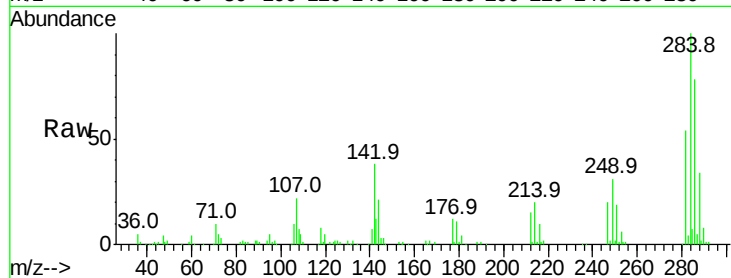
142 38.4 22.8 34.2#

249 30.5 24.0 36.0

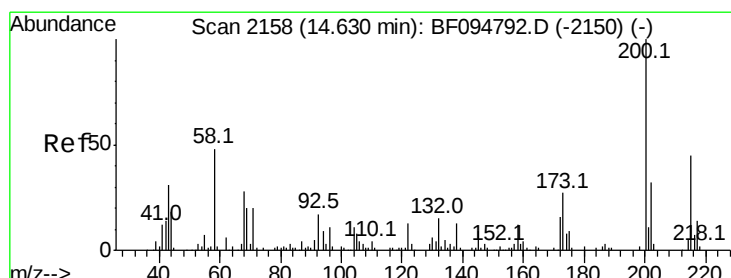
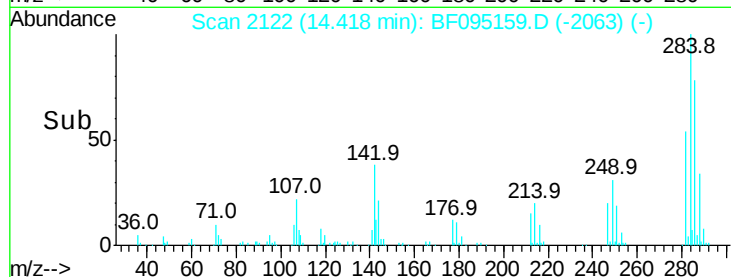
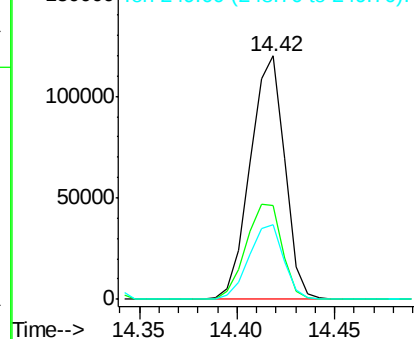
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.79 ng

RT: 14.67 min Scan# 2165

Delta R.T. 0.04 min

Lab File: BF095159.D

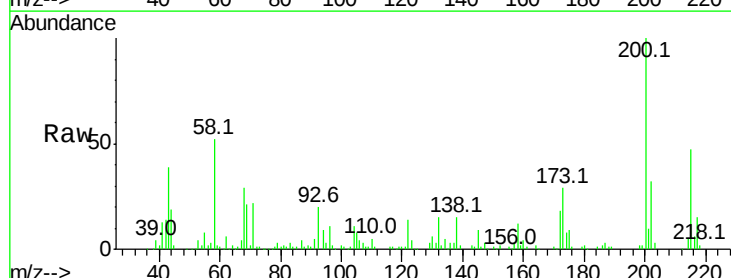
Acq: 16 May 2017 16:39

Tgt Ion:200 Resp: 152877
Ion Ratio Lower Upper

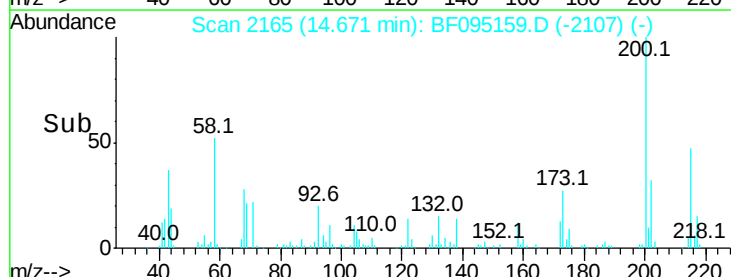
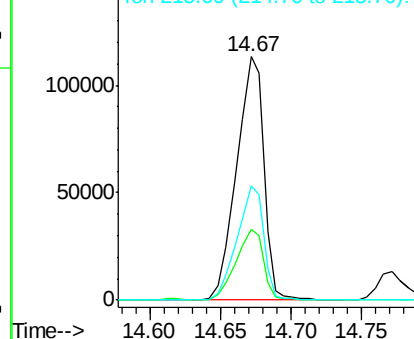
200 100

173 29.2 6.3 46.3

215 46.7 27.2 67.2



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





#69
 Pentachlorophenol
 Concen: 66.58 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

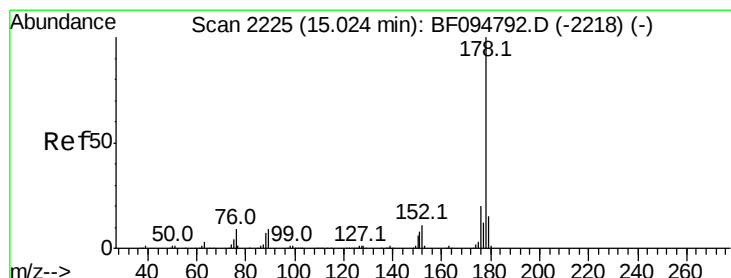
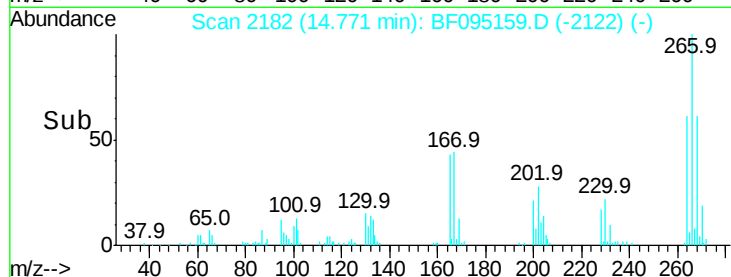
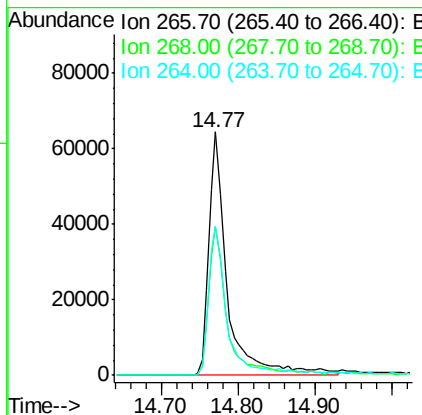
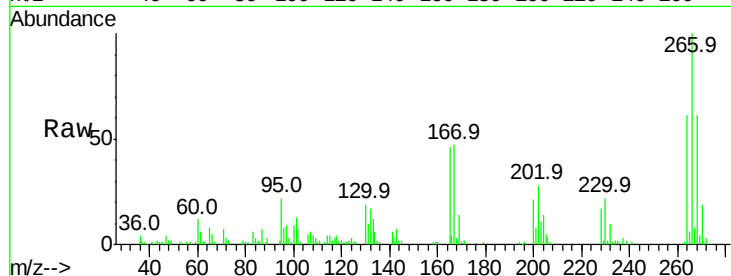
Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

Tot Ion:	266	Resp:	106828
Ion Ratio	Lower	Upper	
266	100		
268	61.2	51.1	76.7
264	61.0	51.7	77.5

Manual Integrations
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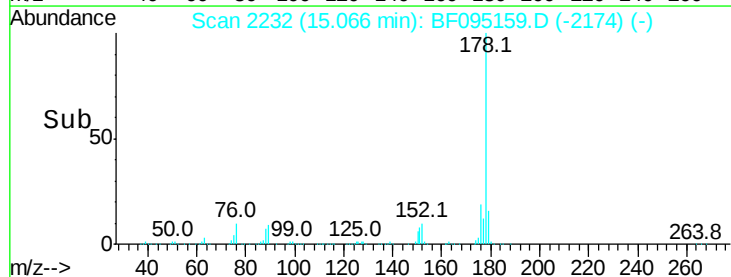
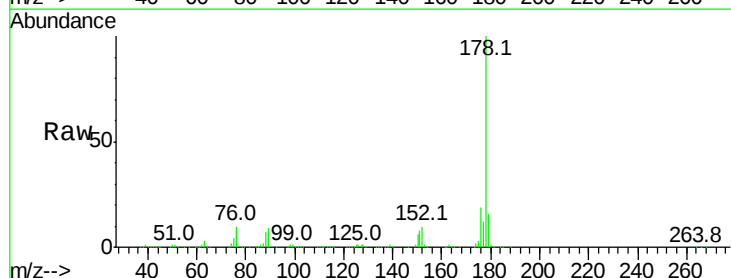
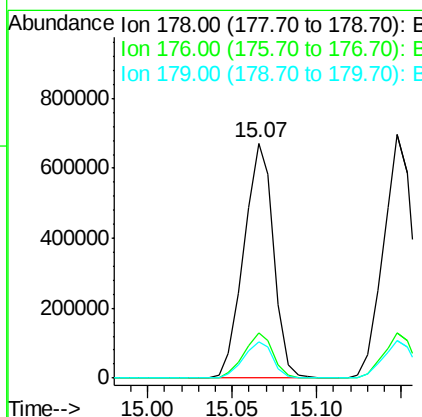
mohammad

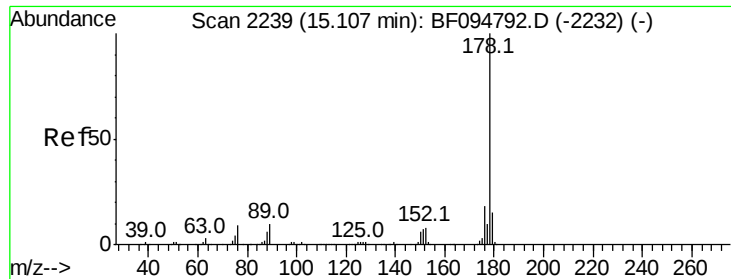
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#70
 Phenanthrene
 Concen: 42.93 ng
 RT: 15.07 min Scan# 2232
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion:	178	Resp:	821564
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.2	24.4
179	15.5	12.6	19.0





#71
 Anthracene
 Concen: 43.46 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

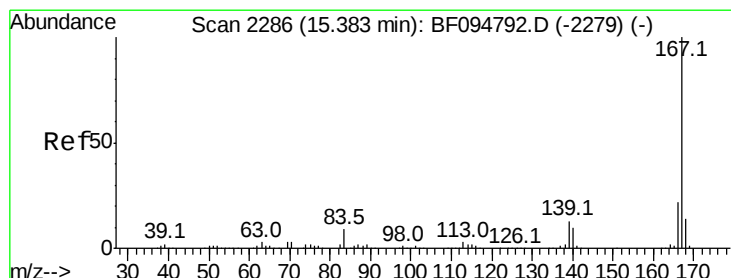
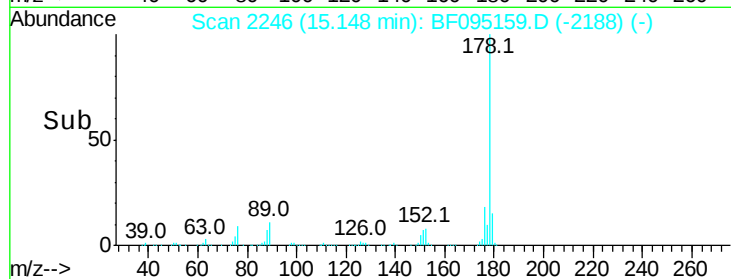
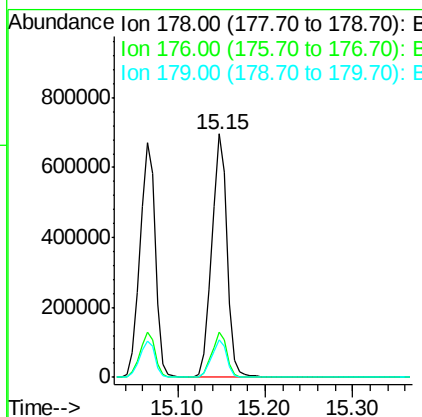
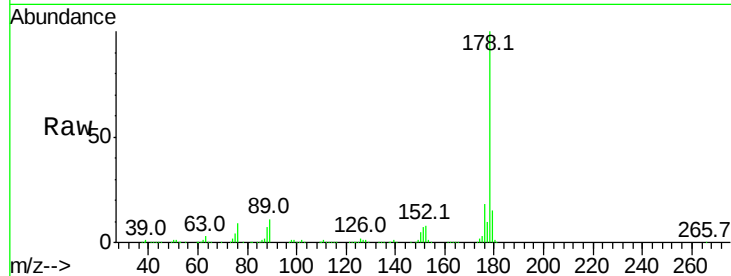
Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.2	12.7	19.1

Manual Integrations
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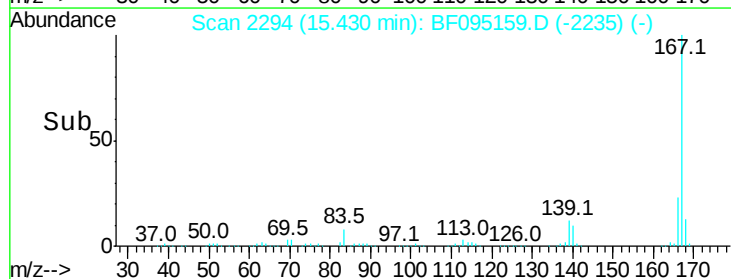
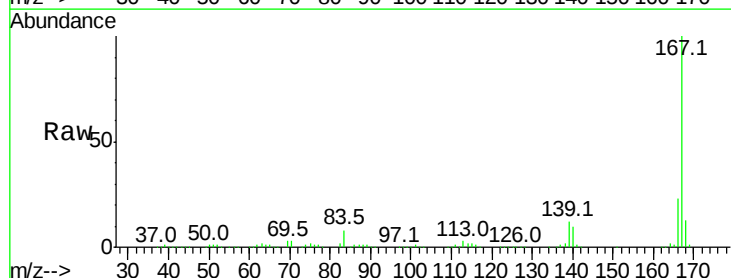
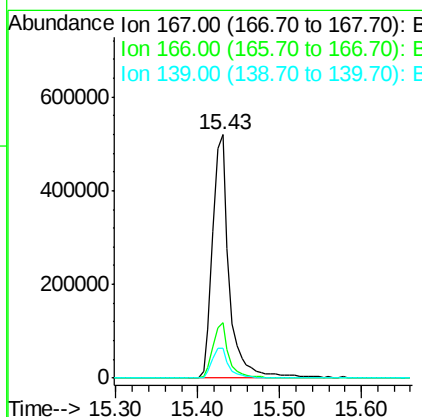
mohammad

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#72
 Carbazole
 Concen: 41.61 ng
 RT: 15.43 min Scan# 2294
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	12.4	11.7	17.5





#73
Di-n-butylphthalate
Concen: 43.83 ng
RT: 15.99 min Scan# 2389
Delta R.T. 0.03 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

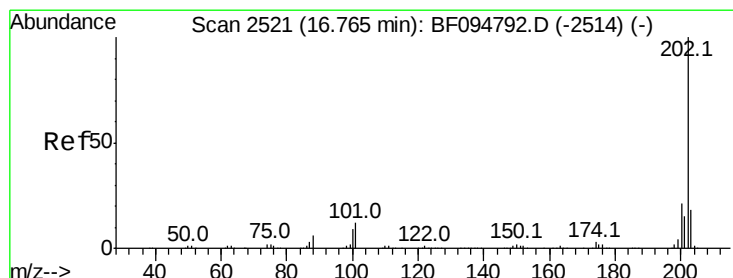
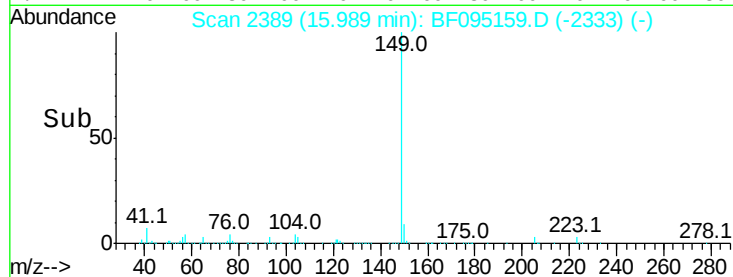
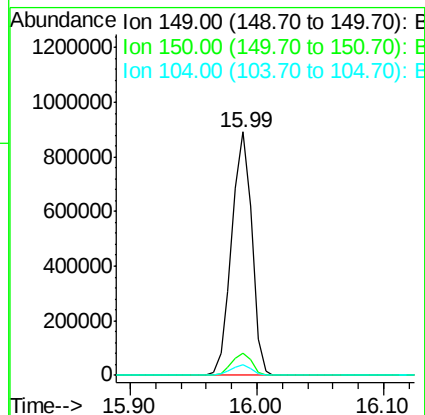
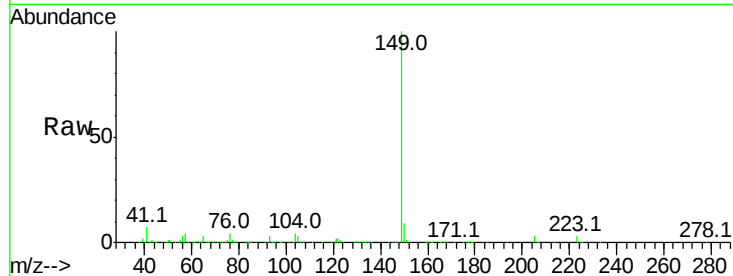
Instrument :
BNA_F
ClientSampleId :
PB98998BS

Tot Ion:	149	Resp:	972255
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	4.3	4.0	6.0

Manual Integrations
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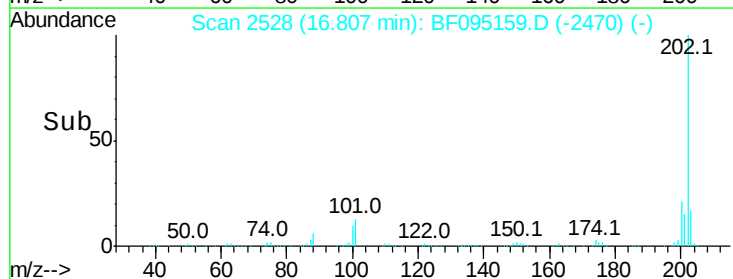
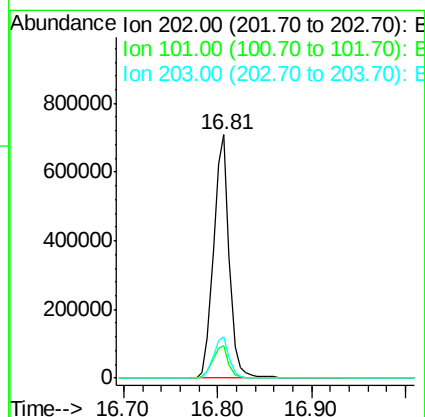
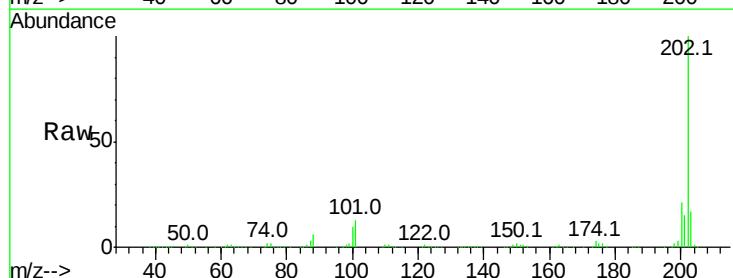
mohammad

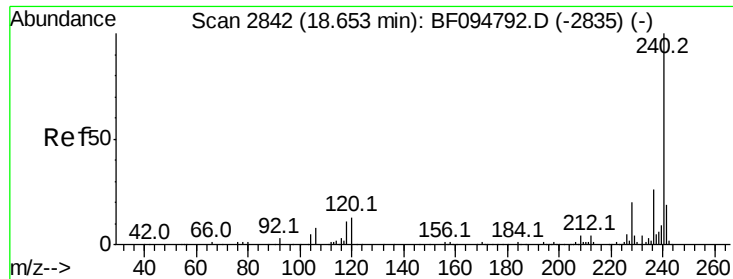
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#74
Fluoranthene
Concen: 42.50 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion:	202	Resp:	834407
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	33.2
203	17.1	0.0	38.1





#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.04 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

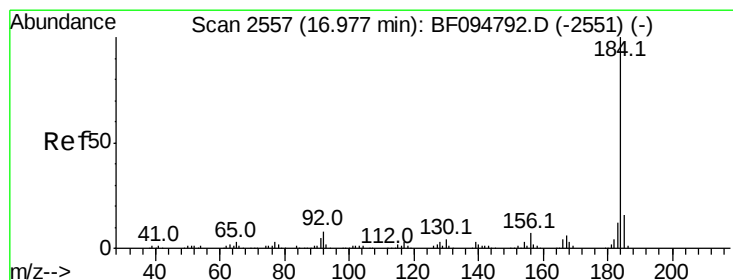
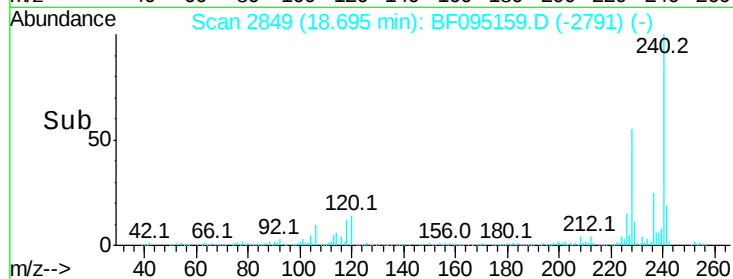
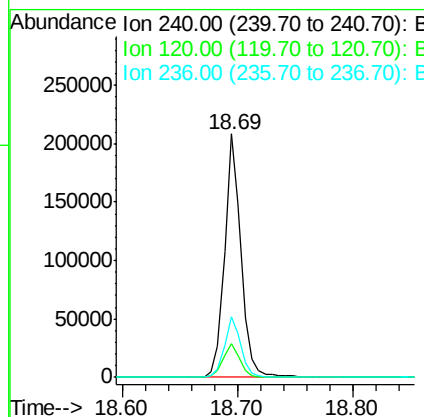
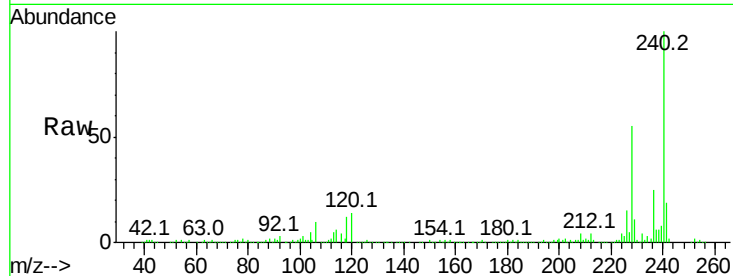
Instrument :
BNA_F
ClientSampleId :
PB98998BS

Tot Ion:240 Resp: 205876
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 25.1 20.5 30.7

Manual Integrations
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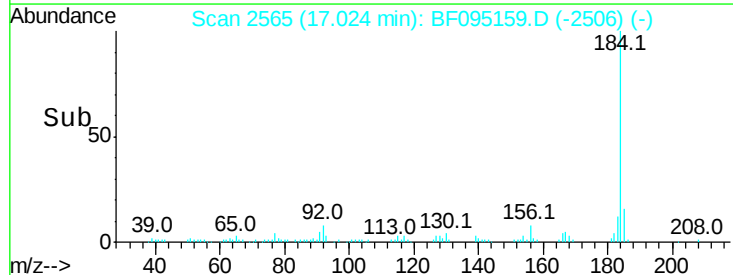
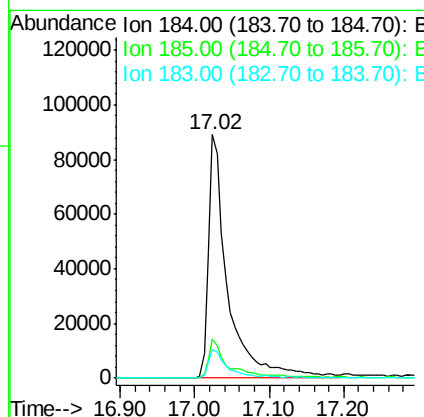
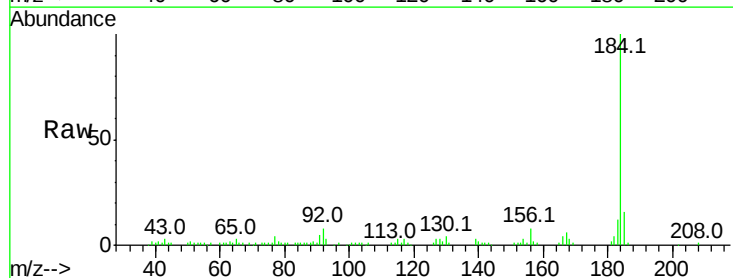
mohammad

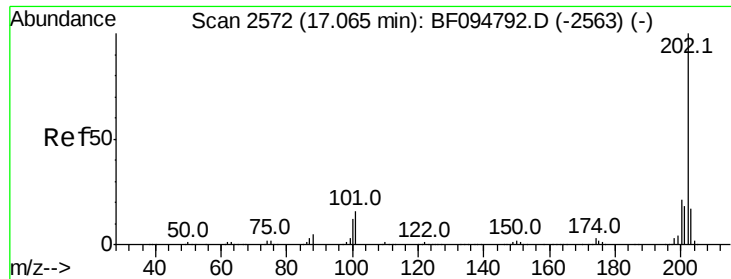
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#76
Benzidine
Concen: 31.64 ng
RT: 17.02 min Scan# 2565
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion:184 Resp: 161675
Ion Ratio Lower Upper
184 100
185 15.8 15.5 23.3
183 12.0 9.8 14.6





#77

Pvrene

Concen: 54.62 ng

RT: 17.11 min Scan# 2579

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

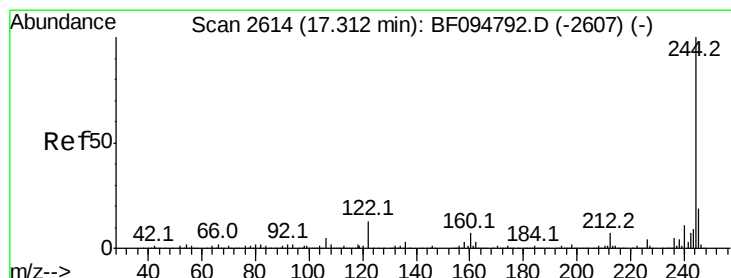
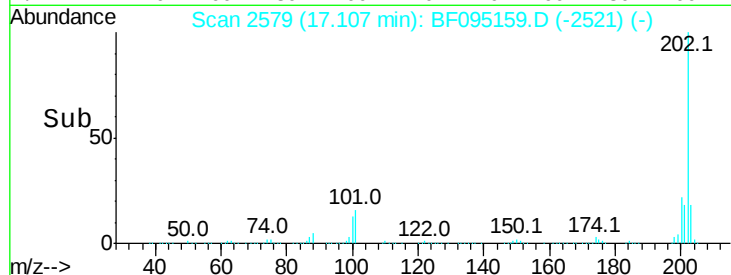
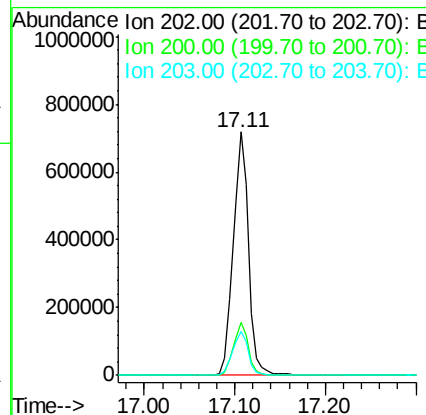
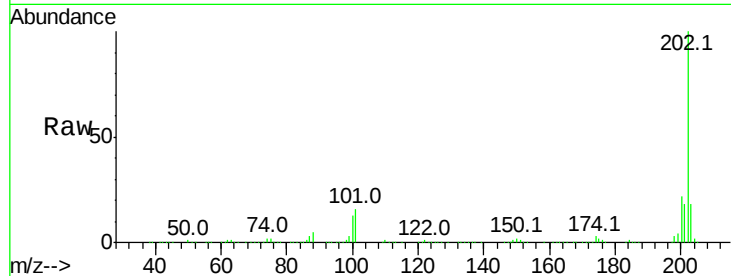
PB98998BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.8	14.4	21.6

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#78

Terphenyl-d14

Concen: 104.09 ng

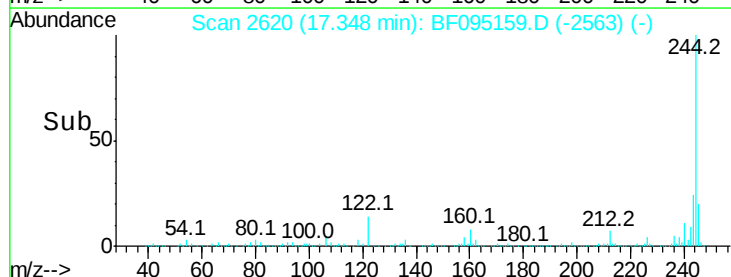
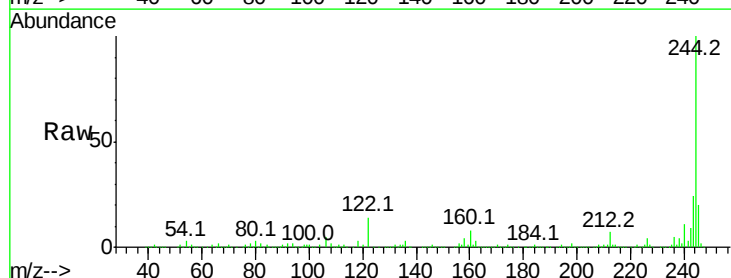
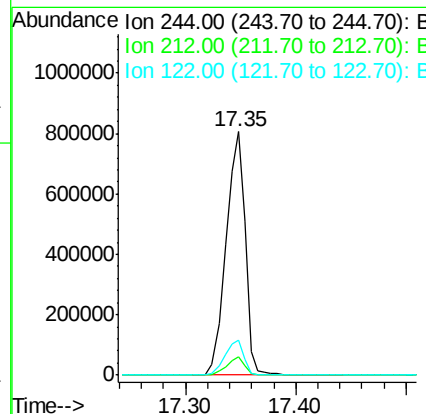
RT: 17.35 min Scan# 2620

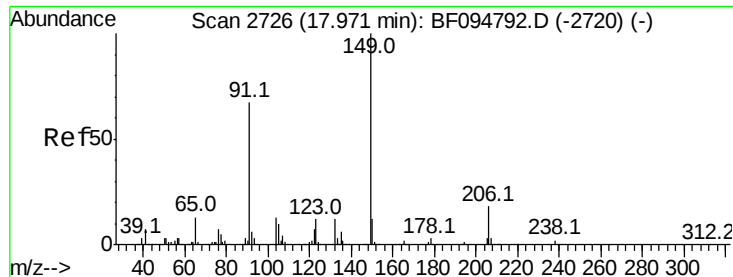
Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.4	10.3	15.5





#79

Butylbenzylphthalate

Concen: 45.96 ng

RT: 18.01 min Scan# 2732

Delta R.T. 0.04 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

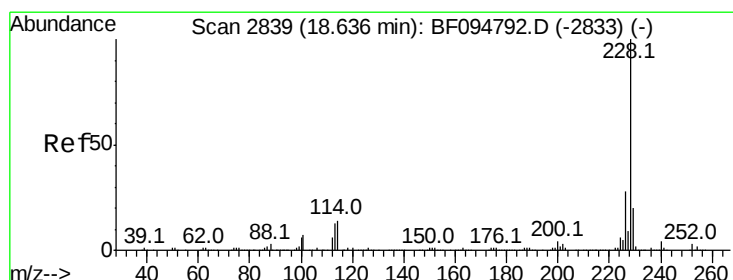
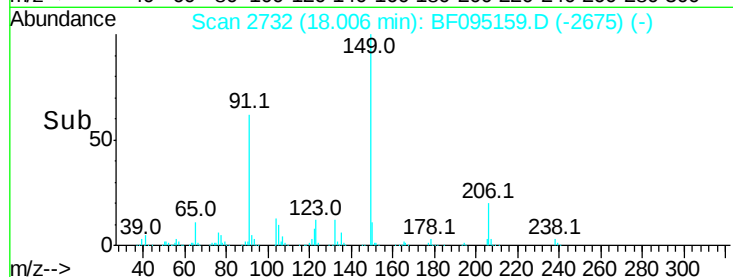
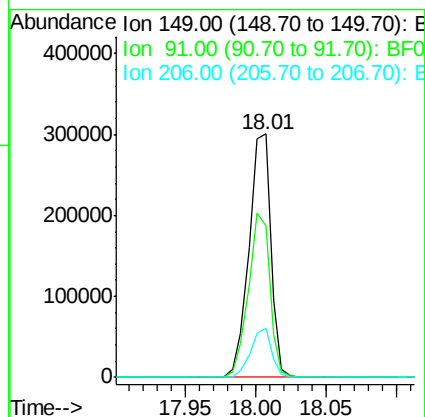
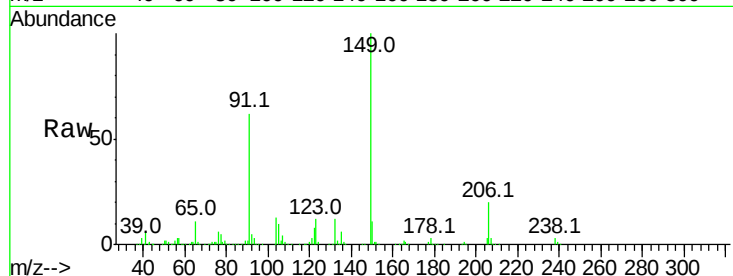
PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	62.2	45.0	67.4	
206	19.9	17.0	25.6	

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#80

Benzo(a)anthracene

Concen: 43.74 ng

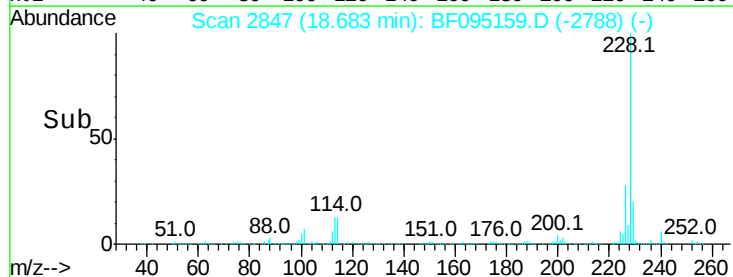
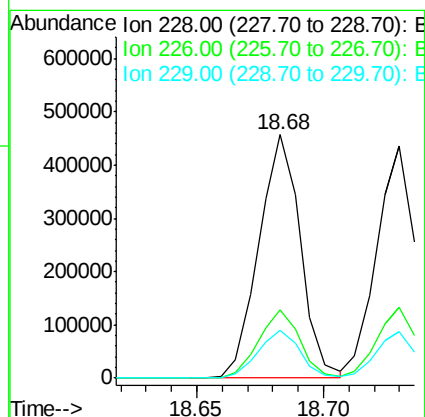
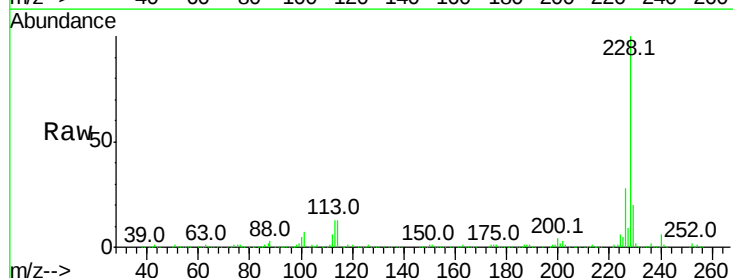
RT: 18.68 min Scan# 2847

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.3	22.6	33.8	
229	19.8	16.3	24.5	





#81
 3,3'-Dichlorobenzidine
 Concen: 21.46 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

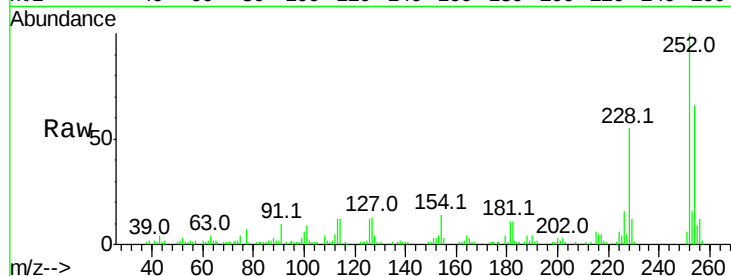
Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	66.3	51.5	77.3	
126	11.9	15.8	23.8	

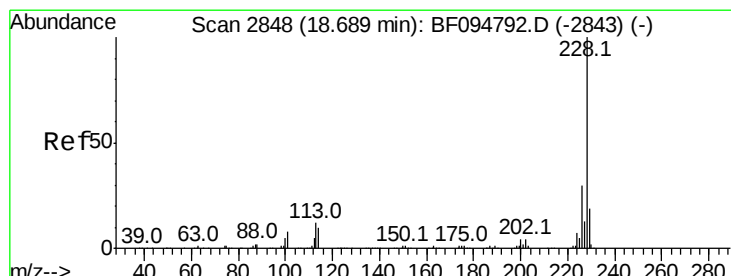
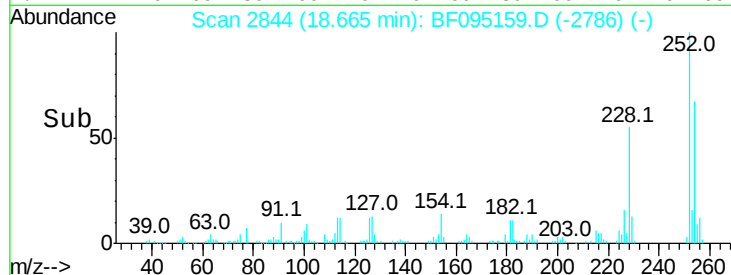
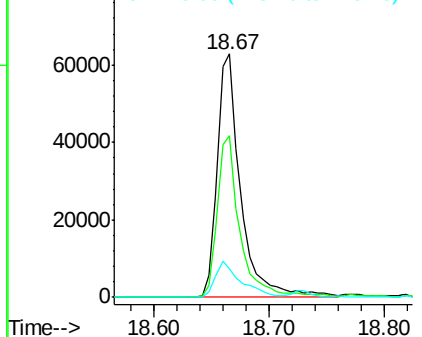
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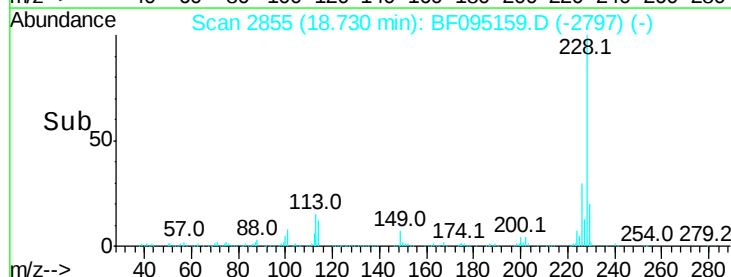
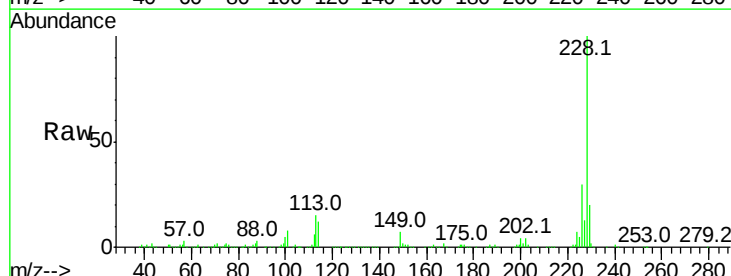
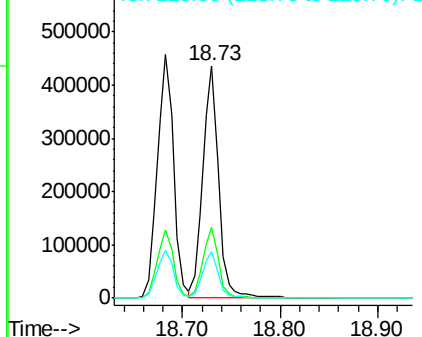
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

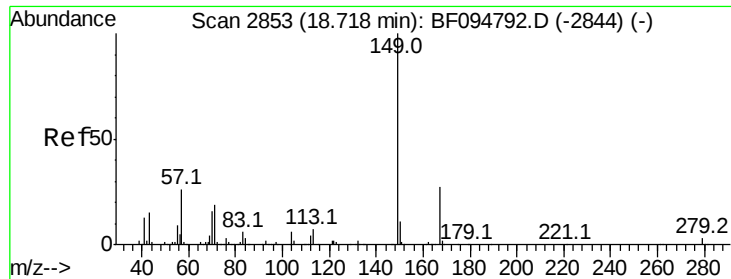


#82
 Chrysene
 Concen: 42.02 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.5	24.9	37.3	
229	20.0	15.8	23.6	

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





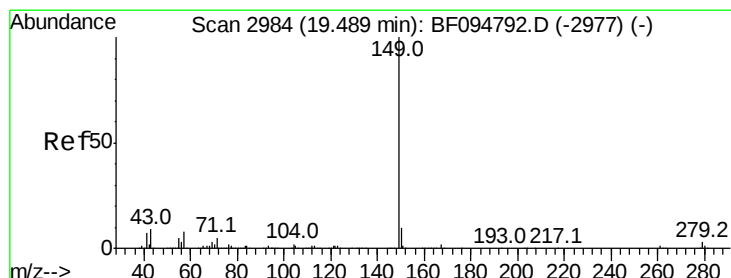
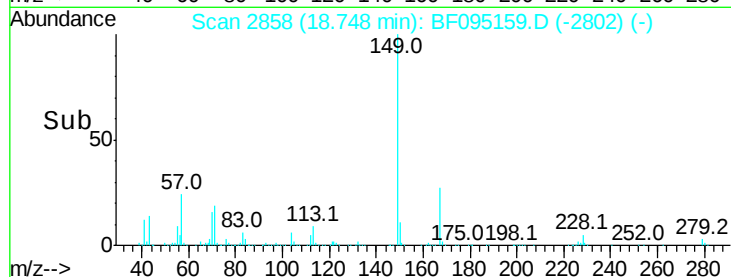
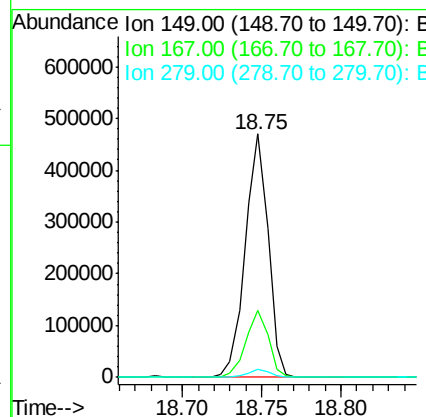
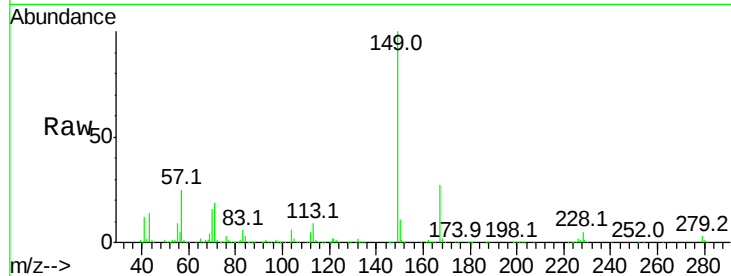
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.17 ng
 RT: 18.75 min Scan# 2858
 Delta R.T. 0.03 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.0	31.4
279	3.1	1.9	2.9

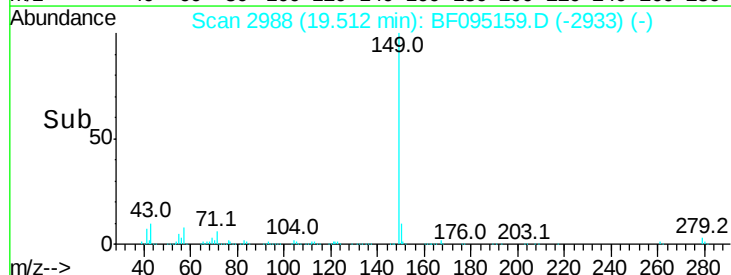
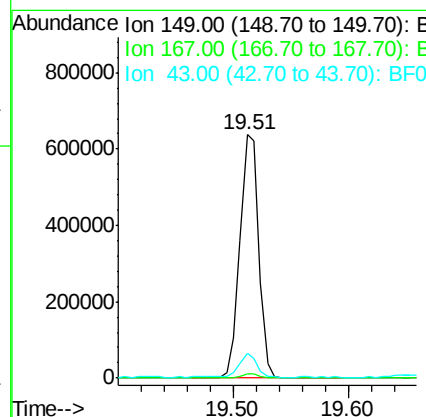
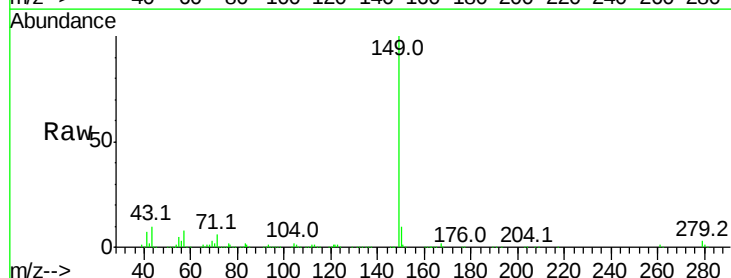
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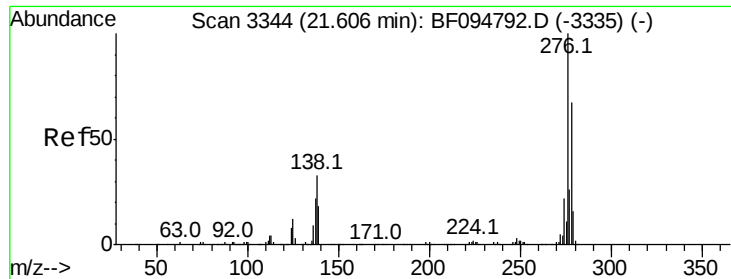
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 43.15 ng
 RT: 19.51 min Scan# 2988
 Delta R.T. 0.02 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.5	8.5	12.7





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.34 ng
 RT: 21.69 min Scan# 3359
 Delta R.T. 0.09 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

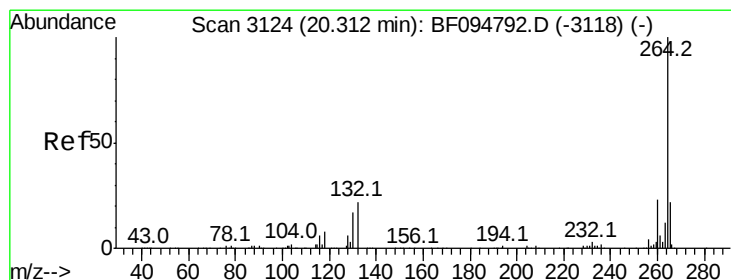
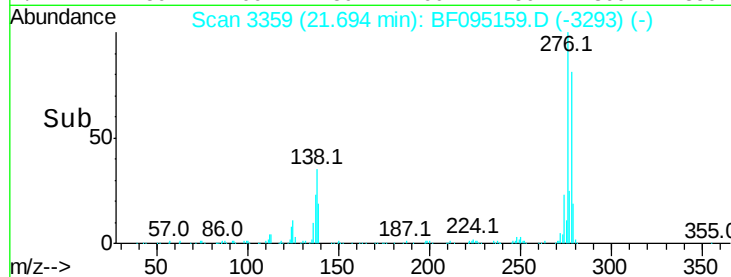
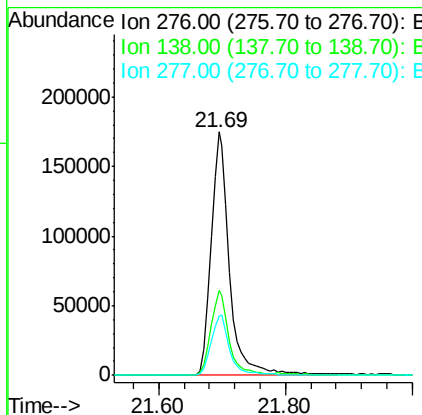
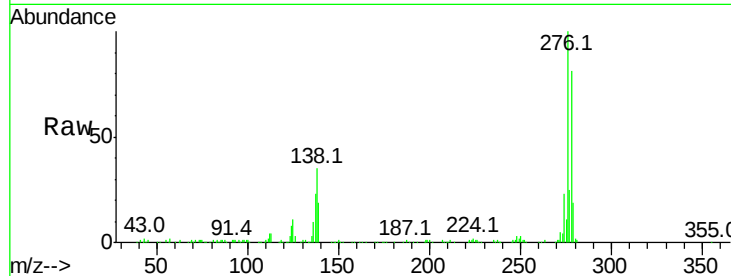
Instrument :
 BNA_F
 ClientSampleId :
 PB98998BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.8	41.6
277	25.1	20.2	30.4

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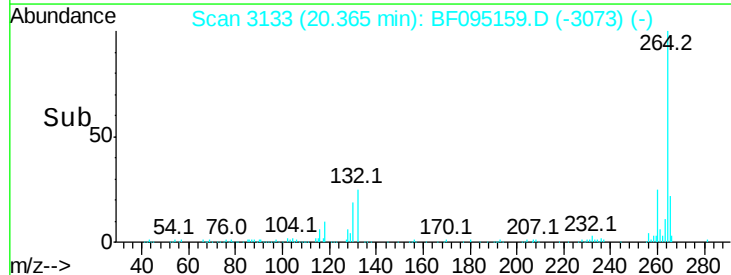
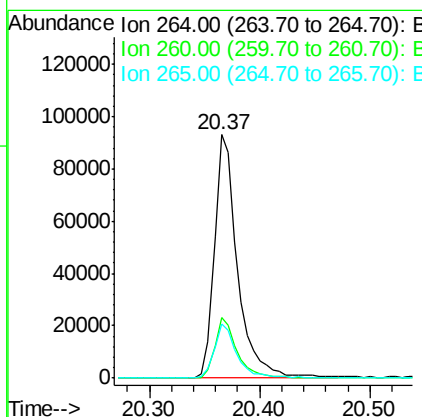
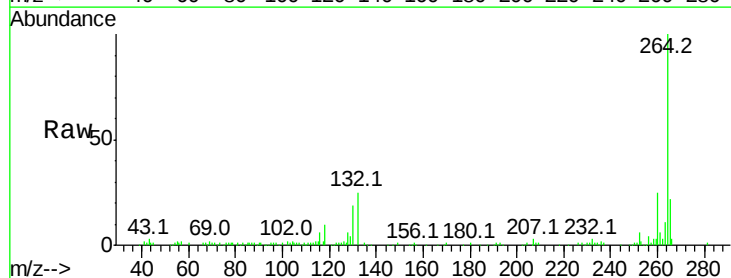
mohammad

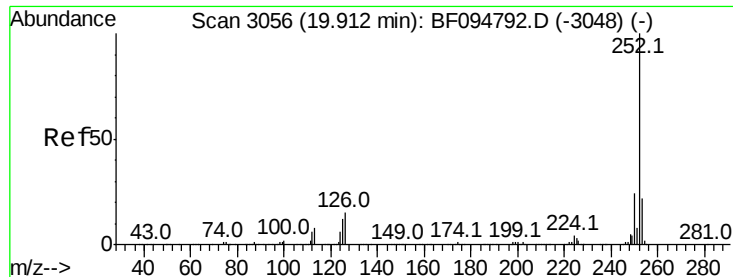
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.05 min
 Lab File: BF095159.D
 Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.46 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

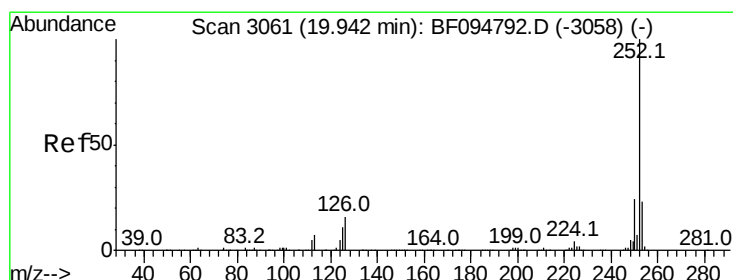
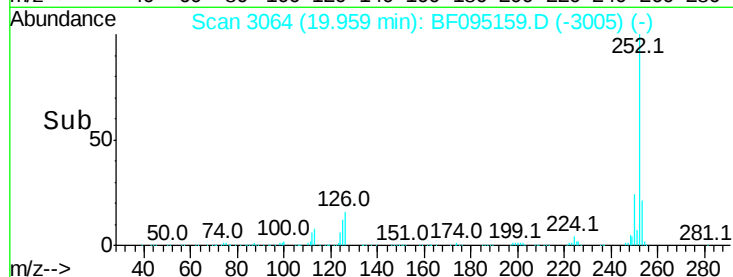
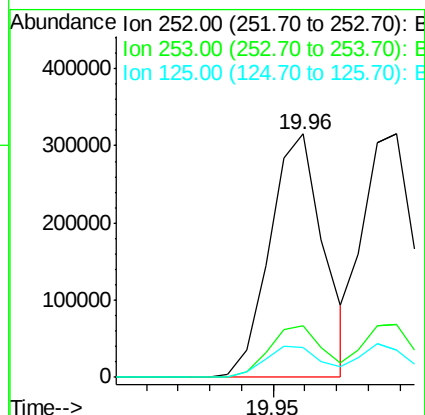
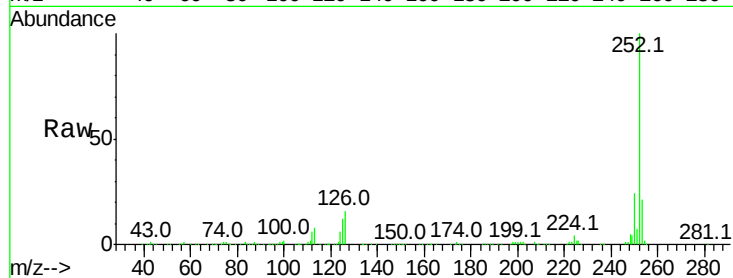
PB98998BS

Tot Ion:	252	Resp:	371994
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.1	27.1
125	12.0	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 48.84 ng

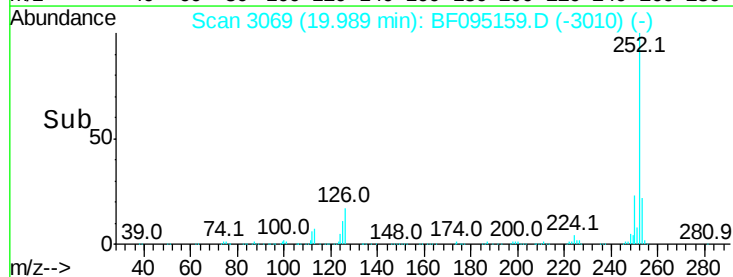
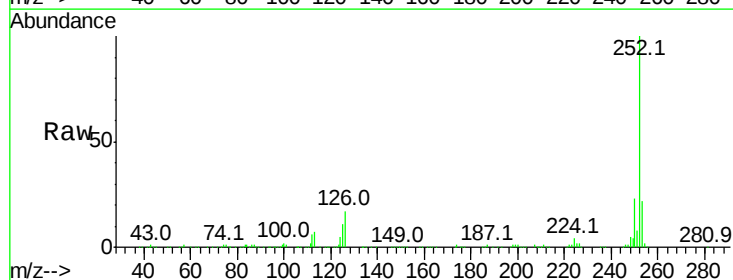
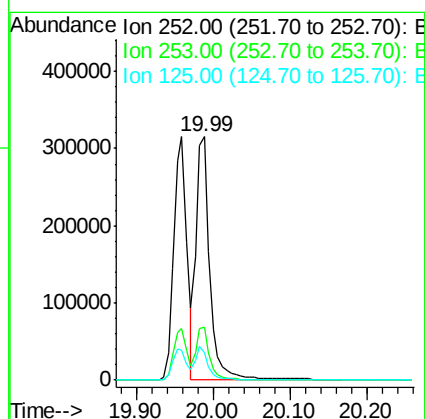
RT: 19.99 min Scan# 3069

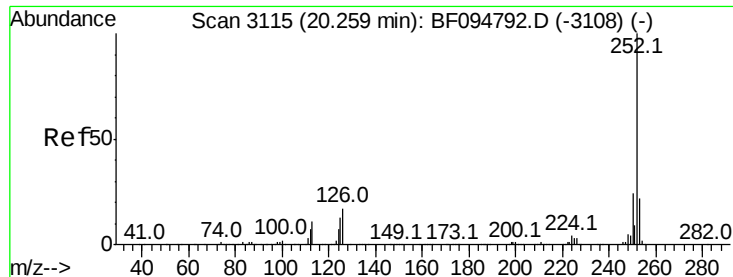
Delta R.T. 0.05 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Tgt Ion:	252	Resp:	394230
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.4	27.6
125	11.1	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 44.25 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

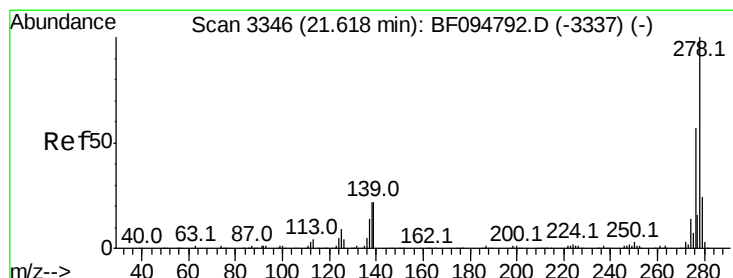
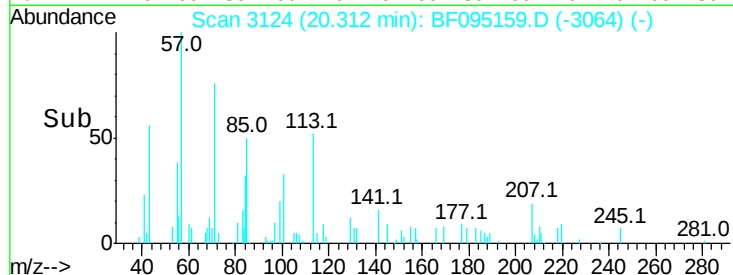
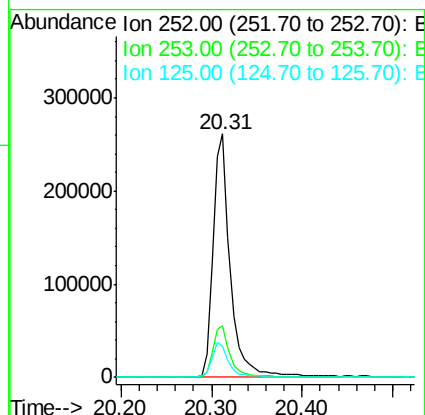
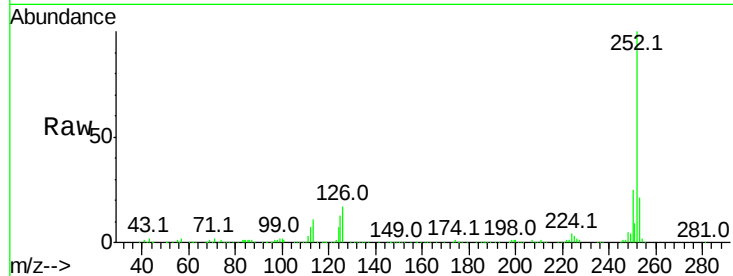
Instrument :
BNA_F
ClientSampled :
PB98998BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	13.0	11.0	16.4

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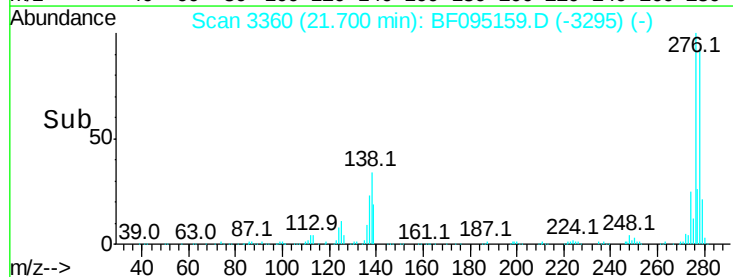
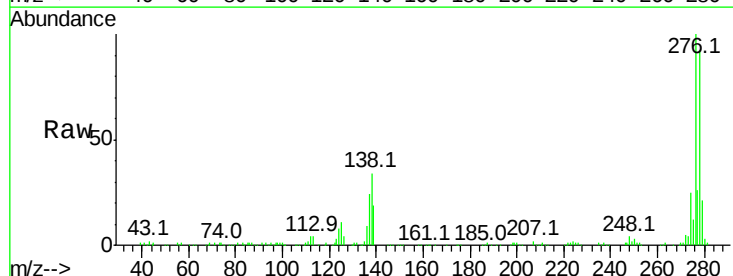
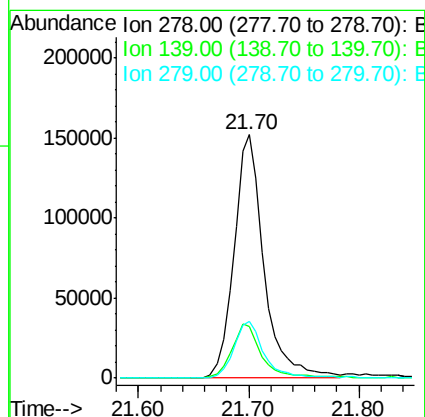
mohammad

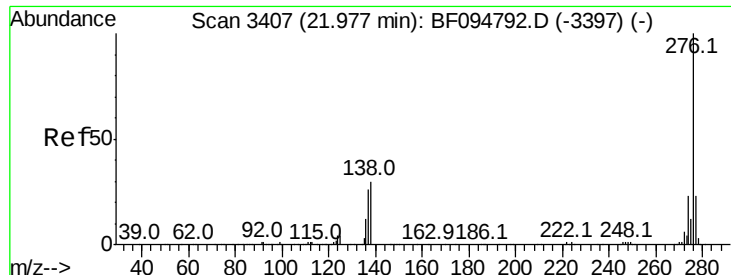
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#90
Dibenzo(a,h)anthracene
Concen: 45.37 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095159.D
Acq: 16 May 2017 16:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.6	24.8
279	23.3	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 49.19 ng

RT: 22.08 min Scan# 3425

Delta R.T. 0.11 min

Lab File: BF095159.D

Acq: 16 May 2017 16:39

Instrument :

BNA_F

ClientSampleId :

PB98998BS

Tot Ion: 276 Resp: 307814

Ion Ratio Lower Upper

276 100

277 22.4 18.6 28.0

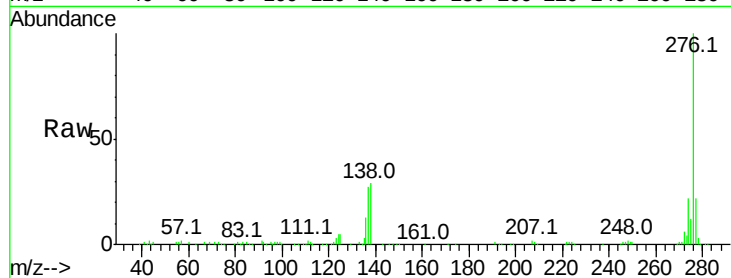
138 29.0 25.4 38.0

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

