

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095218.D
 Acq On : 18 May 2017 10:48
 Operator : SJ/MA
 Sample : I3192-05MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MS

Manual Integrations
 APPROVED

mohammad
 5/18/2017 2:30:06 PM

Quant Time: May 18 12:56:25 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	7.77	152	87559	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	340871	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	135023	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	181521	20.00	ng	0.04
75) Chrysene-d12	18.69	240	186099	20.00	ng	0.04
86) Perylene-d12	20.37	264	139068	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	594343	113.17	ng	0.07
7) Phenol-d6	7.32	99	719162	114.13	ng	0.04
23) Nitrobenzene-d5	8.67	82	419619	77.63	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	116950	105.76	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	762928	81.33	ng	0.03
78) Terphenyl-d14	17.34	244	509183	60.26	ng	0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.29	88	77227	29.98	ng	94
3) Pyridine	3.00	79	168576m	28.24	ng	
4) n-Nitrosodimethylamine	2.91	42	69196m	27.81	ng	
6) Aniline	7.28	93	215513	27.09	ng	95
8) 2-Chlorophenol	7.47	128	230721	38.60	ng	96
9) Benzaldehyde	7.11	77	81295	21.13	ng	92
10) Phenol	7.34	94	317099	47.75	ng	89
11) bis(2-Chloroethyl)ether	7.41	93	201099	36.68	ng	95
12) 1,3-Dichlorobenzene	7.68	146	245890	36.26	ng	99
13) 1,4-Dichlorobenzene	7.80	146	251129	36.52	ng	97
14) 1,2-Dichlorobenzene	8.03	146	242069	37.71	ng	96
15) Benzyl Alcohol	8.05	79	167862	41.42	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	259293	33.42	ng	65
17) 2-Methylphenol	8.27	107	173816	35.53	ng	# 91
18) Hexachloroethane	8.55	117	67875	29.14	ng	# 85
19) n-Nitroso-di-n-propylamine	8.47	70	155957	36.59	ng	93
20) 3+4-Methylphenols	8.53	107	229483	34.52	ng	# 58
22) Acetophenone	8.45	105	313898	38.38	ng	# 82
24) Nitrobenzene	8.70	77	207192	36.57	ng	93
25) Isophorone	9.10	82	361837	37.49	ng	# 94
26) 2-Nitrophenol	9.21	139	90058	29.46	ng	95
27) 2,4-Dimethylphenol	9.34	122	174243	35.25	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	239091	35.81	ng	99
29) 2,4-Dichlorophenol	9.64	162	164770	35.30	ng	99
30) 1,2,4-Trichlorobenzene	9.71	180	181275	36.25	ng	99
31) Naphthalene	9.82	128	625530	36.51	ng	100
32) Benzoic acid	9.71	122	5891m	6.71	ng	
33) 4-Chloroaniline	10.00	127	42722	6.69	ng	93
34) Hexachlorobutadiene	10.04	225	91868	34.82	ng	99
35) Caprolactam	10.57	113	51252m	36.57	ng	
36) 4-Chloro-3-methylphenol	10.82	107	172554	34.58	ng	90
37) 2-Methylnaphthalene	10.95	142	430169	38.26	ng	96
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	164342	39.58	ng	98
40) Hexachlorocyclopentadiene	11.20	237	12404	12.62	ng	94

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	107606	38.81	nq	98
43) 2,4,5-Trichlorophenol	11.55	196	95502	32.05	nq	95
45) 1,1'-Biphenyl	11.71	154	458214	40.31	nq	97
46) 2-Chloronaphthalene	11.73	162	357611	38.96	nq	96
47) 2-Nitroaniline	11.95	65	94999	37.81	nq	# 78
48) Acenaphthylene	12.39	152	540563	37.60	nq	98
49) Dimethylphthalate	12.26	163	547440	49.39	nq	98
50) 2,6-Dinitrotoluene	12.35	165	85076	37.62	nq	93
51) Acenaphthene	12.67	154	321842	37.48	nq	99
52) 3-Nitroaniline	12.64	138	62627	25.80	nq	86
53) 2,4-Dinitrophenol	12.90	184	3950	9.17	nq	# 78
54) Dibenzofuran	12.96	168	483279	40.67	nq	98
55) 4-Nitrophenol	13.05	139	79306m	54.40	nq	
56) 2,4-Dinitrotoluene	13.03	165	103100	35.48	nq	# 98
57) Fluorene	13.51	166	369803	35.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	74054	39.49	nq	95
59) Diethylphthalate	13.41	149	392059	36.90	nq	98
60) 4-Chlorophenyl-phenylether	13.54	204	167062	36.79	nq	90
61) 4-Nitroaniline	13.63	138	58408	26.21	nq	93
62) Azobenzene	13.79	77	333922	39.11	nq	92
64) 4,6-Dinitro-2-methylphenol	13.71	198	10668	8.77	nq	# 79
65) n-Nitrosodiphenylamine	13.74	169	311107	47.22	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	78164	40.76	nq	98
67) Hexachlorobenzene	14.41	284	72462	36.87	nq	# 91
68) Atrazine	14.66	200	72626	39.04	nq	97
69) Pentachlorophenol	14.77	266	48383	56.32	nq	90
70) Phenanthrene	15.06	178	393047	37.69	nq	97
71) Anthracene	15.14	178	410157	38.50	nq	98
72) Carbazole	15.42	167	361350	37.28	nq	96
73) Di-n-butylphthalate	15.98	149	488341	40.40	nq	98
74) Fluoranthene	16.80	202	444806	41.58	nq	99
76) Benzidine	17.03	184	250866	49.59	nq	# 91
77) Pyrene	17.11	202	466515	33.52	nq	99
79) Butylbenzylphthalate	18.00	149	216271	33.41	nq	90
80) Benzo(a)anthracene	18.68	228	393735	36.35	nq	99
81) 3,3'-Dichlorobenzidine	18.67	252	134334	35.91	nq	# 94
82) Chrysene	18.73	228	376256	35.93	nq	99
83) Bis(2-ethylhexyl)phthalate	18.74	149	309154	33.52	nq	# 98
84) Di-n-octyl phthalate	19.51	149	534027	35.31	nq	95
85) Indeno(1,2,3-cd)pyrene	21.70	276	253112	29.76	nq	99
87) Benzo(b)fluoranthene	19.96	252	298427	34.73	nq	98
88) Benzo(k)fluoranthene	19.99	252	348902	42.09	nq	# 94
89) Benzo(a)pyrene	20.31	252	288144	36.34	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	206548	31.54	nq	98
91) Benzo(g,h,i)perylene	22.09	276	210031	32.68	nq	99

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

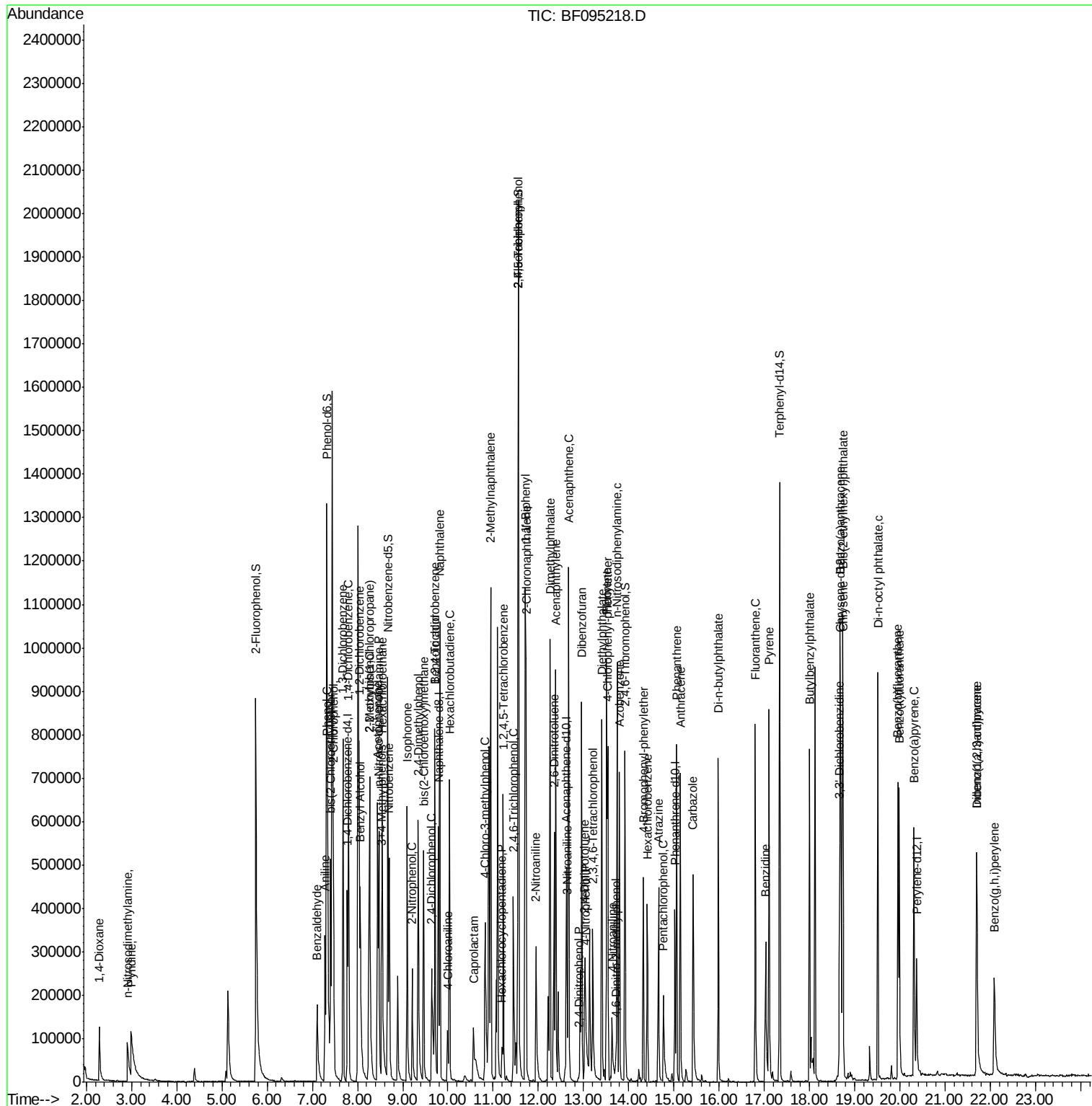
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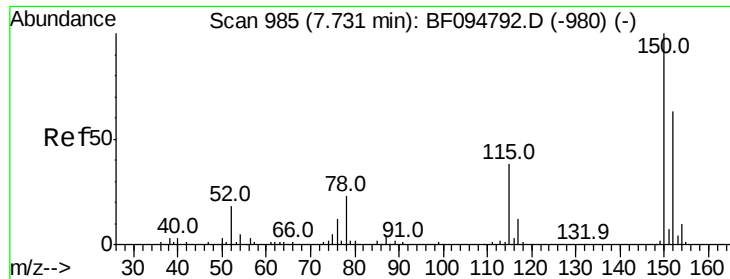
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#1

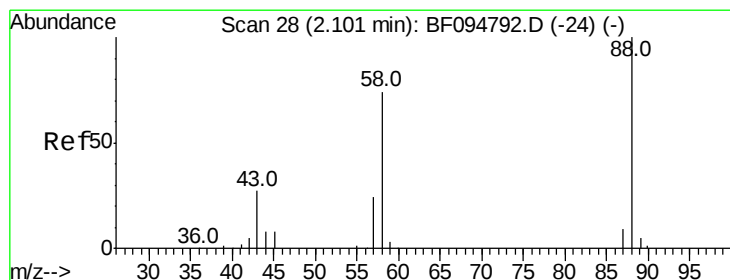
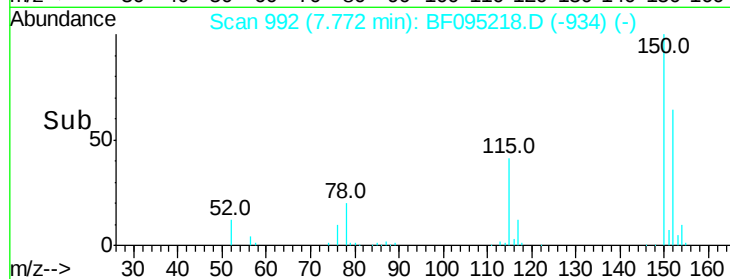
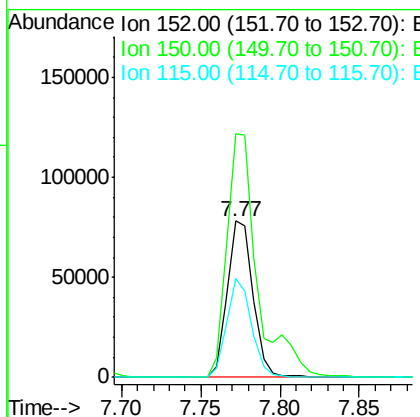
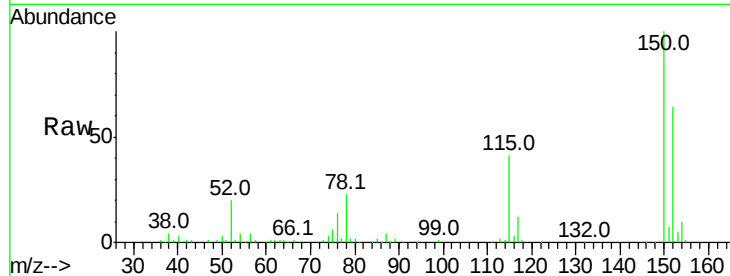
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	63.4	52.2	78.2

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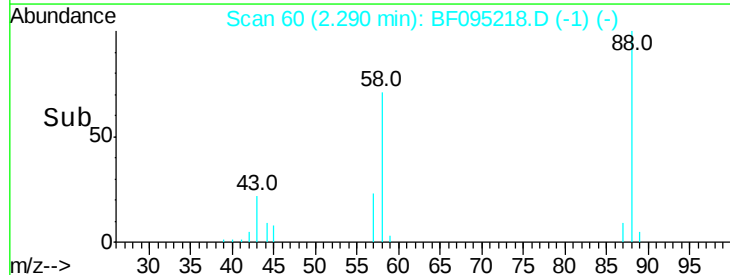
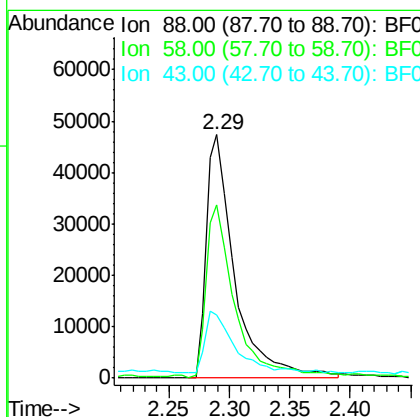
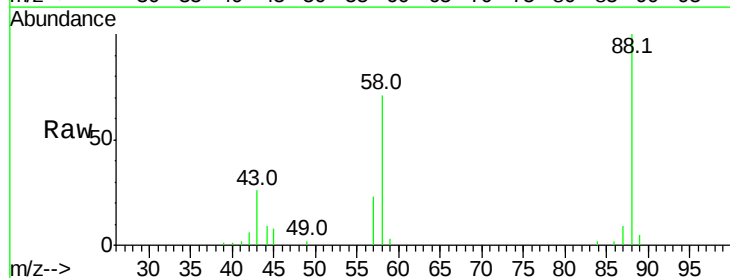
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#2

1,4-Dioxane
Concen: 29.98 ng
RT: 2.29 min Scan# 60
Delta R.T. 0.19 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	61.4	92.0
43	24.7	23.4	35.0





#3

Pvridine

Concen: 28.24 ng/ml

RT: 3.00 min Scan# 180

Delta R.T. 0.24 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

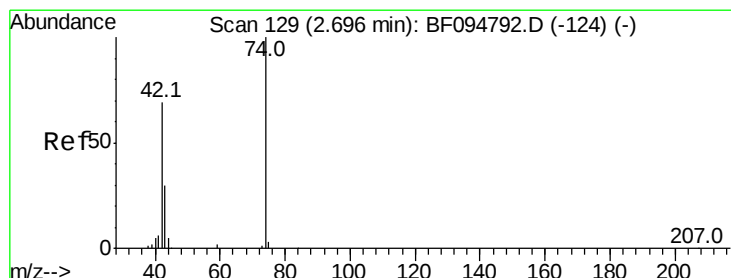
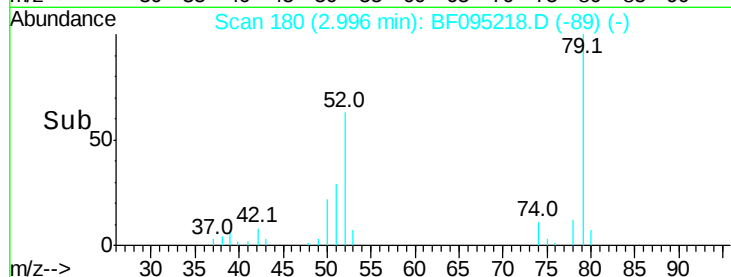
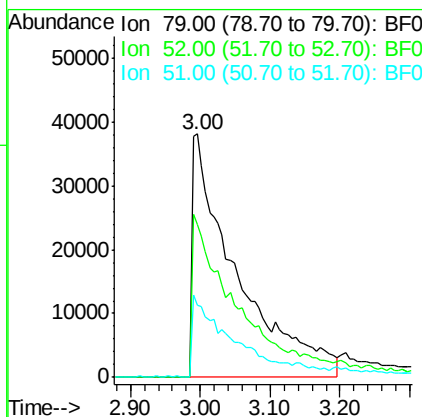
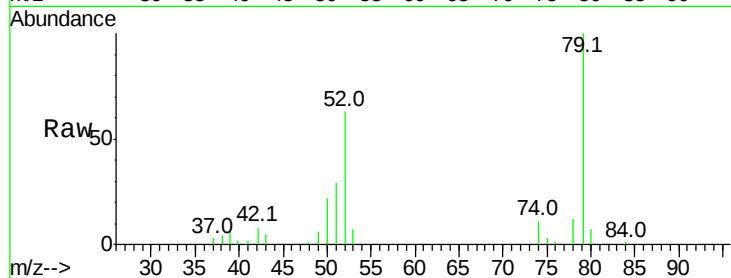
ClientSampleId :

051617-05MS

Tot Ion:	79	Resp:	168576
Ion Ratio	Lower	Upper	
79	100		
52	62.9	54.8	82.2
51	29.4	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 27.81 ng/ml

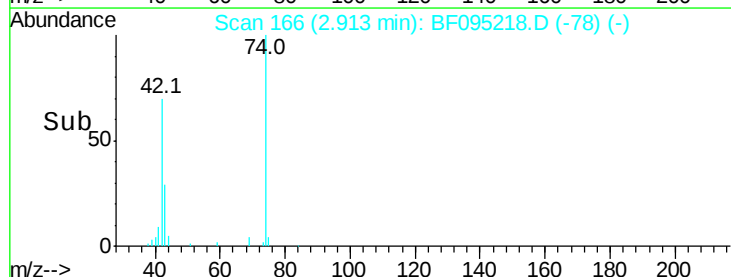
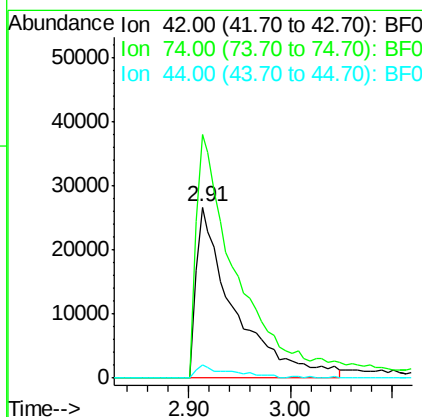
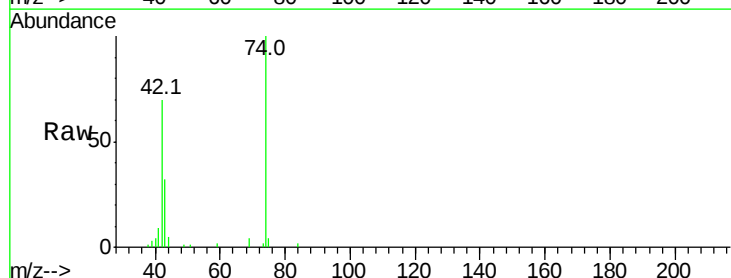
RT: 2.91 min Scan# 166

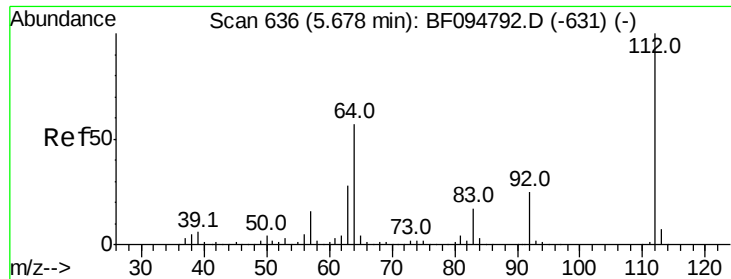
Delta R.T. 0.22 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion:	42	Resp:	69196
Ion Ratio	Lower	Upper	
42	100		
74	142.2	103.9	155.9
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 113.17 ng

RT: 5.75 min Scan# 648

Delta R.T. 0.07 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

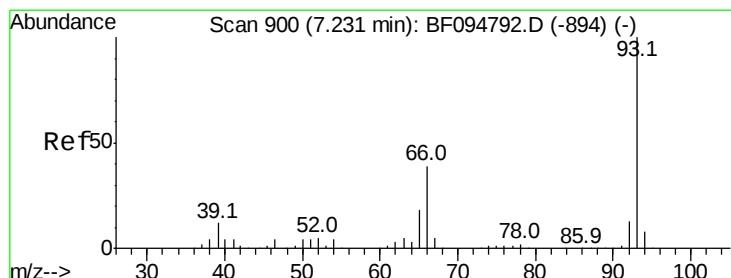
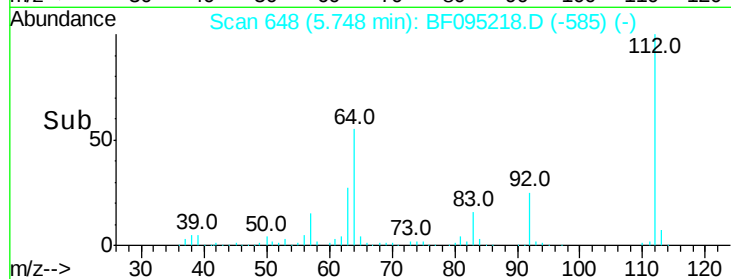
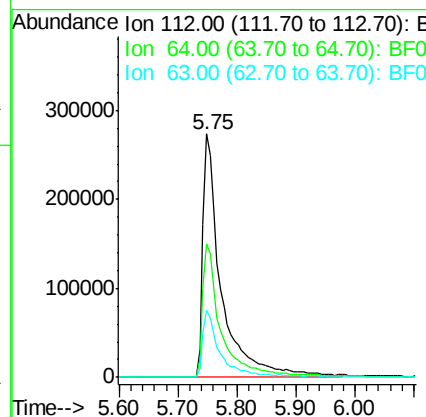
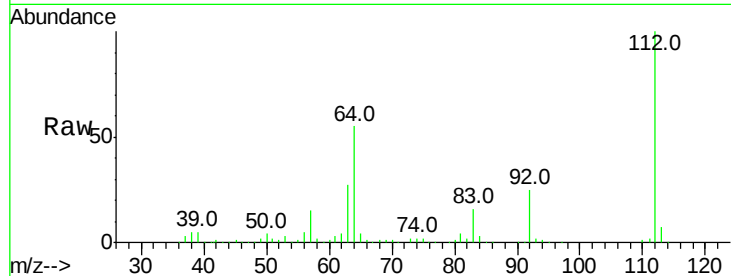
ClientSampleId :

051617-05MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		594343		
64	55.0	46.0	69.0		
63	27.5	23.4	35.0		

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#6

Aniline

Concen: 27.09 ng

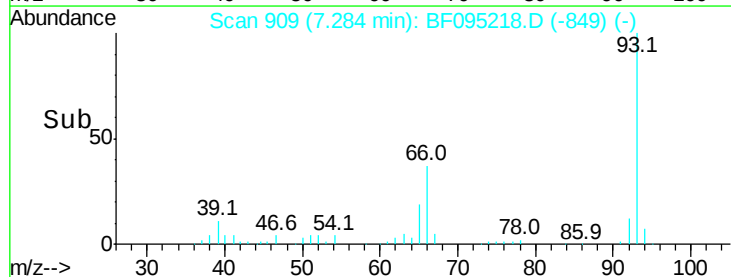
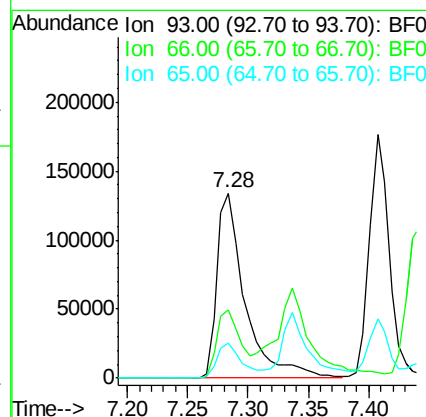
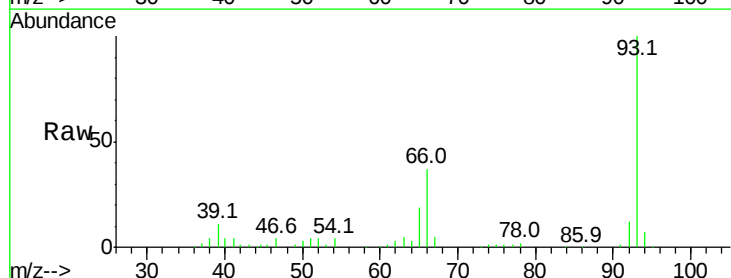
RT: 7.28 min Scan# 909

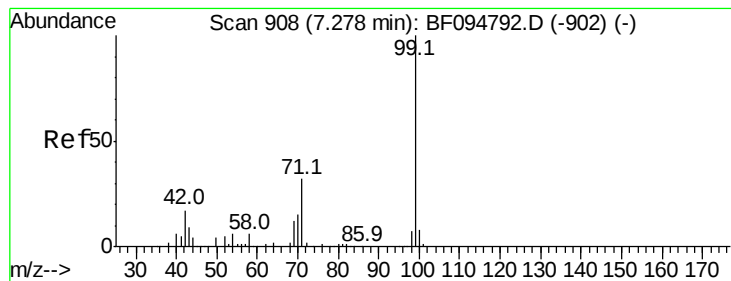
Delta R.T. 0.05 min

Lab File: BF095218.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		215513		
66	37.1	32.9	49.3		
65	18.7	16.0	24.0		





#7

Phenol-d6

Concen: 114.13 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

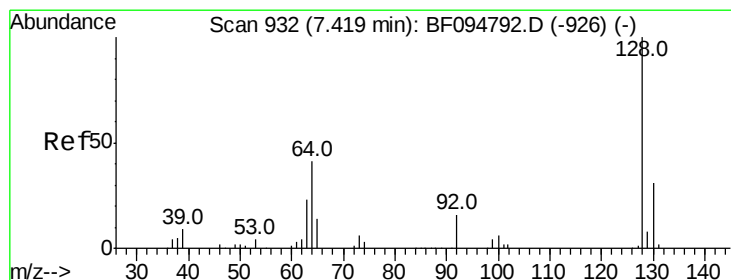
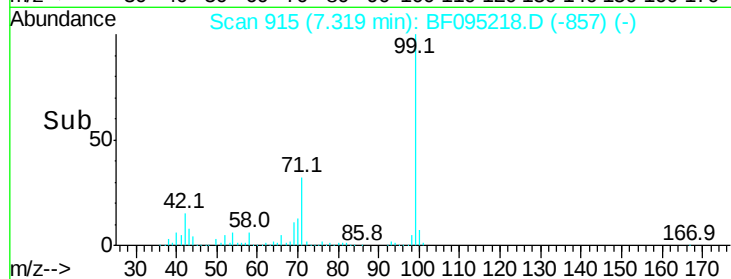
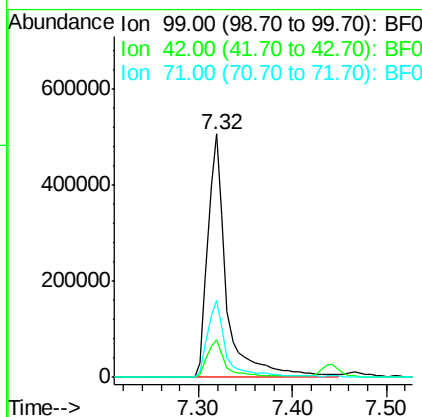
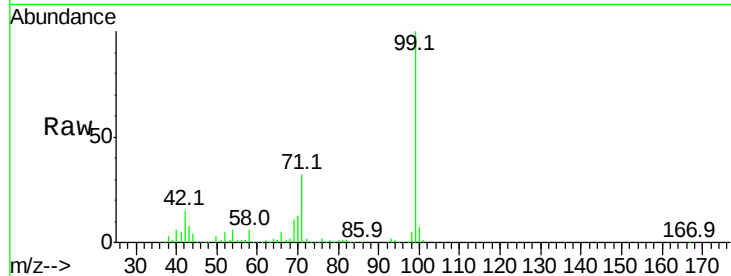
ClientSampleId :

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Tot Ion:	99	Resp:	719162
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	31.7	24.5	36.7

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#8

2-Chlorophenol

Concen: 38.60 ng

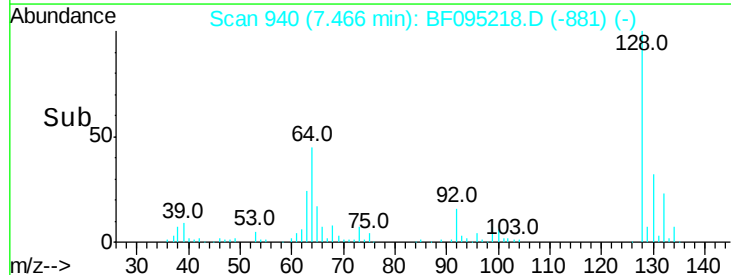
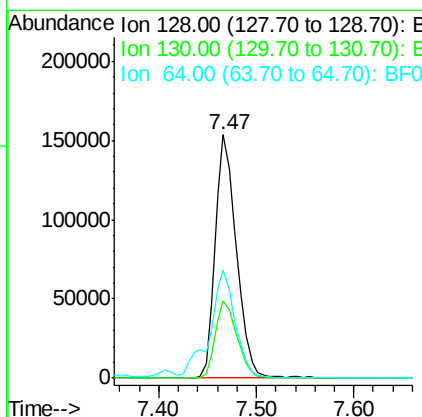
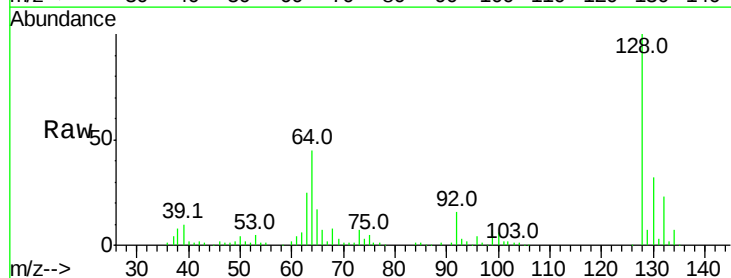
RT: 7.47 min Scan# 940

Delta R.T. 0.05 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion:	128	Resp:	230721
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.9	52.9
64	44.5	28.4	68.4





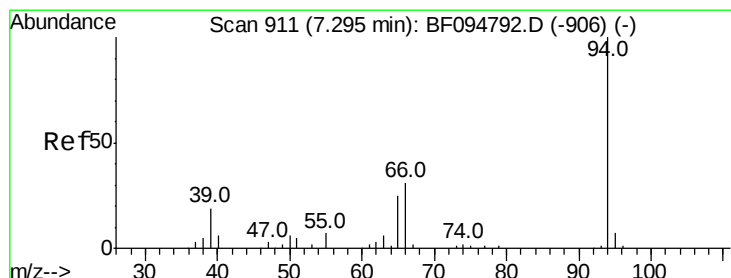
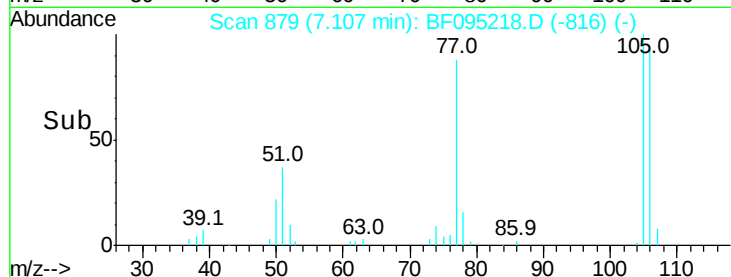
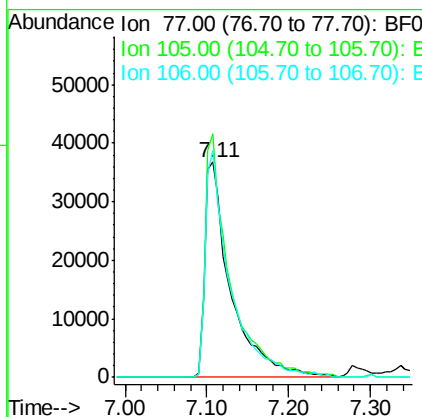
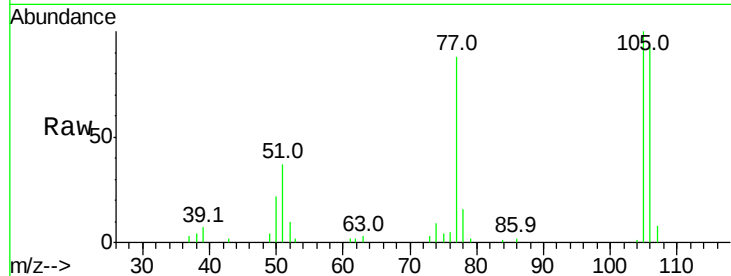
#9
Benzaldehyde
Concen: 21.13 ng
RT: 7.11 min Scan# 879
Delta R.T. 0.07 min
Lab File: BF095218.D
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Instrument :
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051617-05MS

Tot Ion: 77 Resp: 81295
Ion Ratio Lower Upper
77 100
105 113.1 83.8 123.8
106 105.6 79.1 119.1

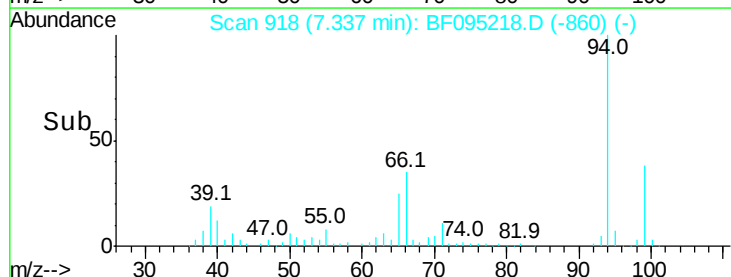
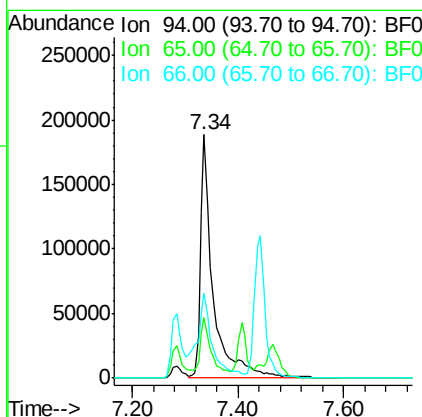
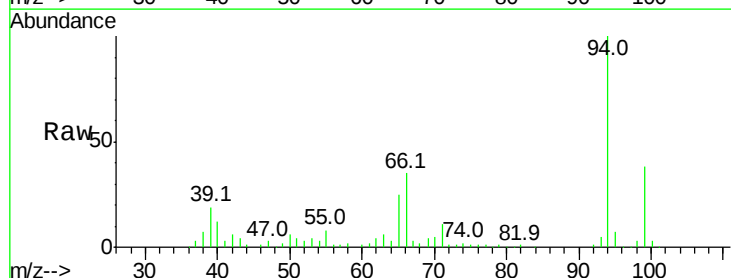
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#10
Phenol
Concen: 47.75 ng
RT: 7.34 min Scan# 918
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion: 94 Resp: 317099
Ion Ratio Lower Upper
94 100
65 25.1 9.9 49.9
66 34.6 23.1 63.1





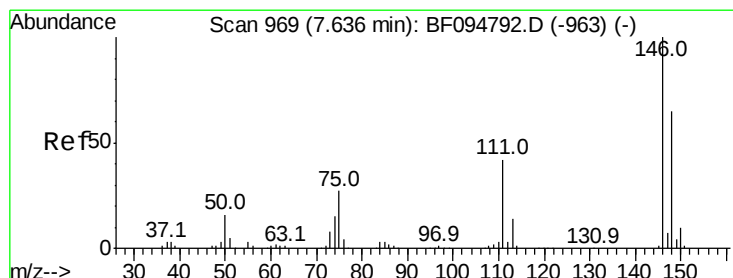
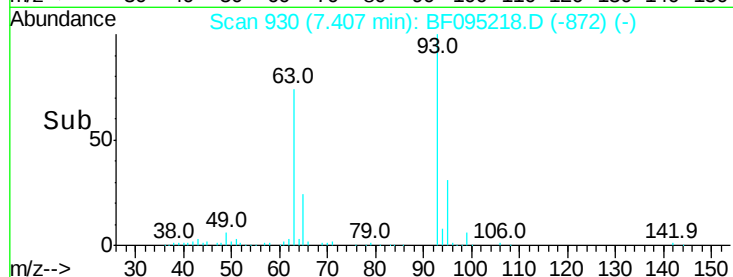
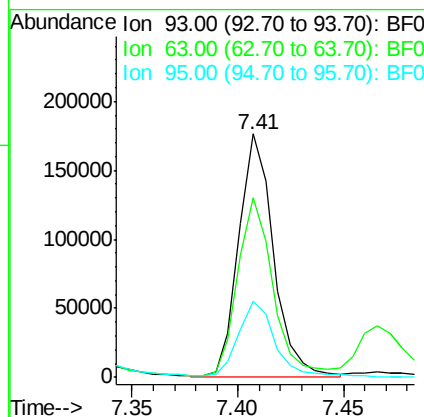
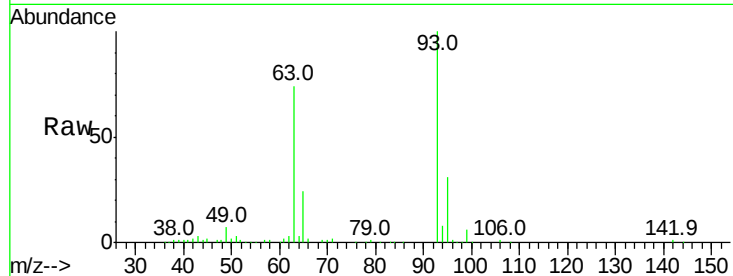
#11
bis(2-Chloroethyl)ether
Concen: 36.68 ng
RT: 7.41 min Scan# 930
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	93	Resp	201099
Ion Ratio	Lower	Upper	
93	100		
63	74.0	59.2	99.2
95	31.0	12.8	52.8

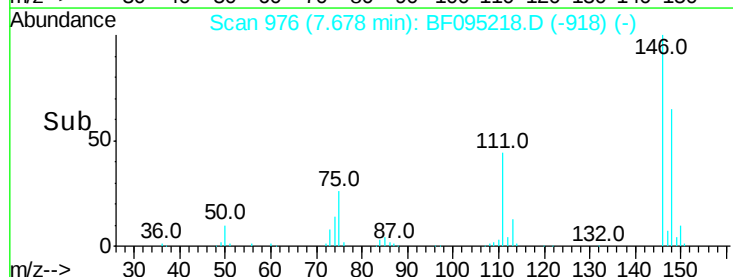
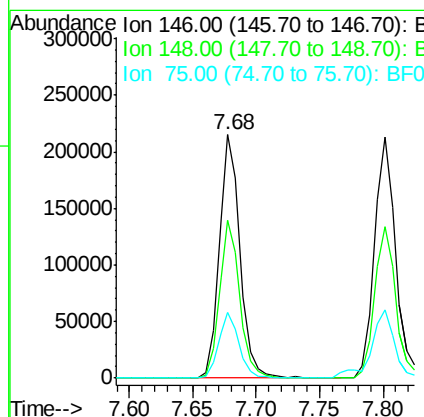
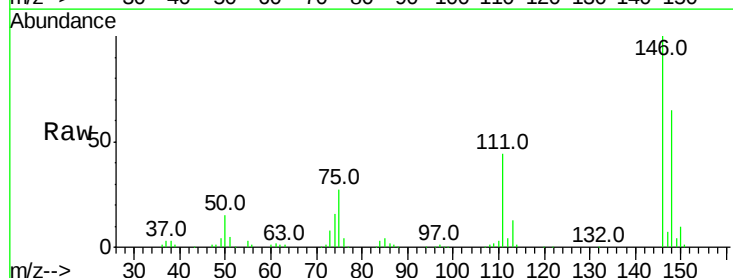
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#12
1,3-Dichlorobenzene
Concen: 36.26 ng
RT: 7.68 min Scan# 976
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	146	Resp	245890
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.8	77.6
75	26.9	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 36.52 ng

RT: 7.80 min Scan# 997

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

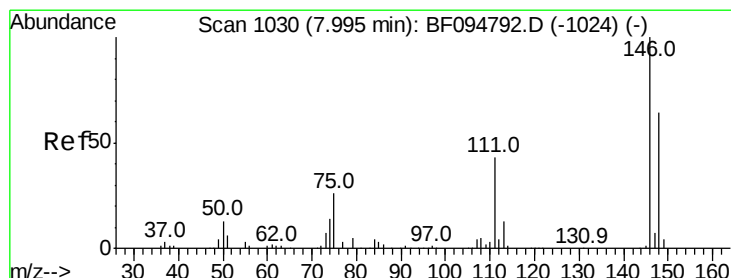
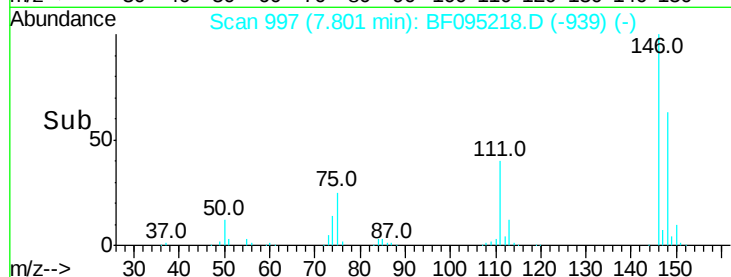
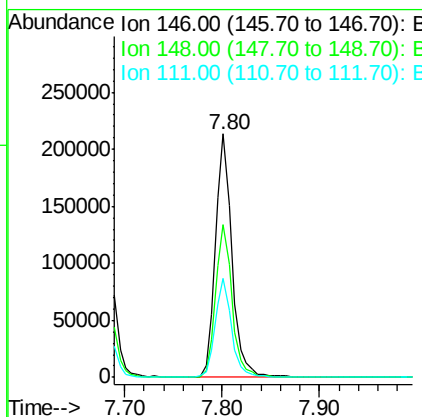
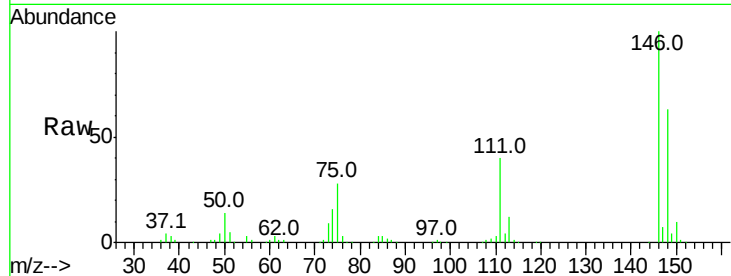
ClientSampleId :

051617-05MS

Tot Ion:	146	Resp:	251129
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.2	78.2
111	40.5	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 37.71 ng

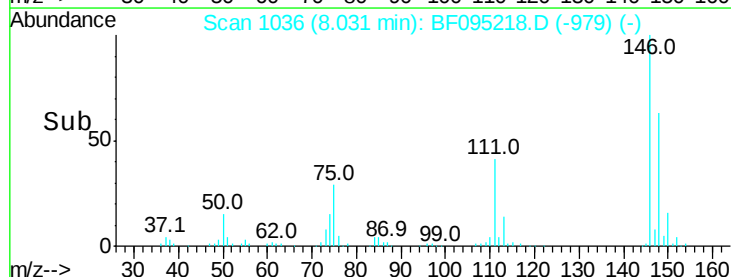
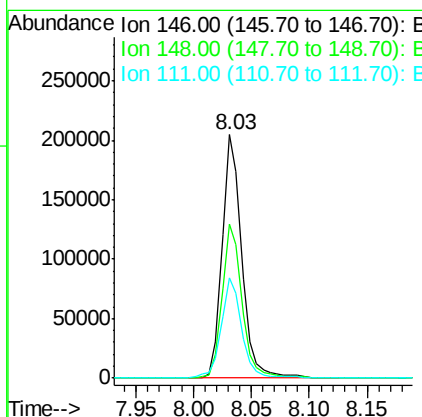
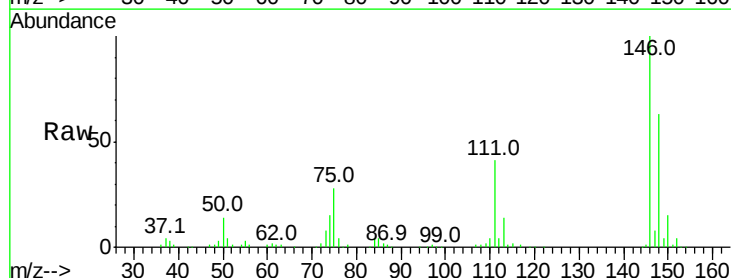
RT: 8.03 min Scan# 1036

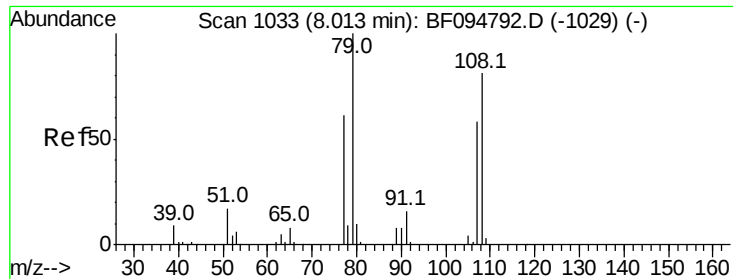
Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion:	146	Resp:	242069
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.4	75.6
111	41.1	38.2	57.4





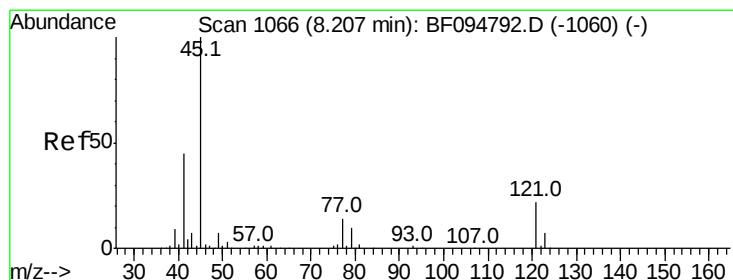
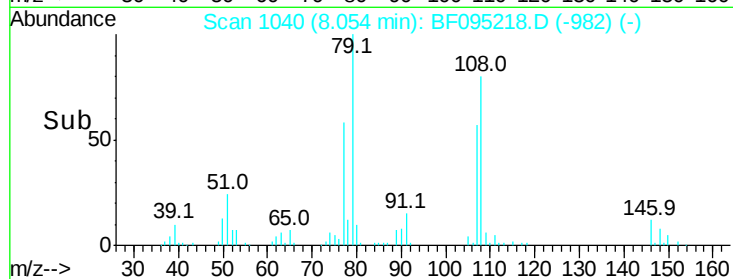
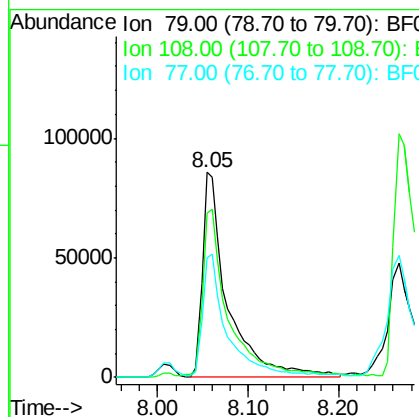
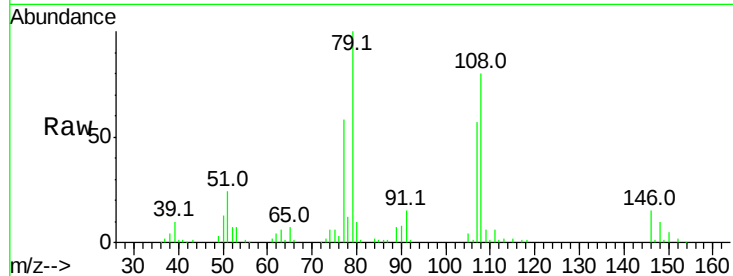
#15
Benzyl Alcohol
Concen: 41.42 ng
RT: 8.05 min Scan# 1040
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion: 79 Resp: 167862
Ion Ratio Lower Upper
79 100
108 79.9 63.4 95.0
77 58.0 49.2 73.8

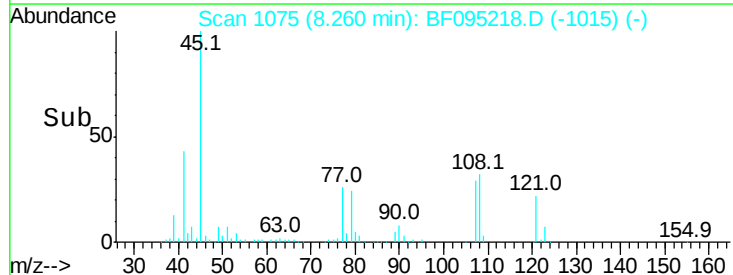
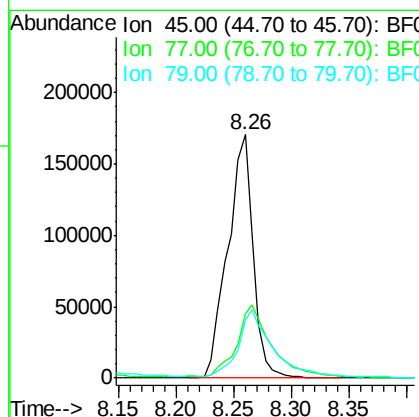
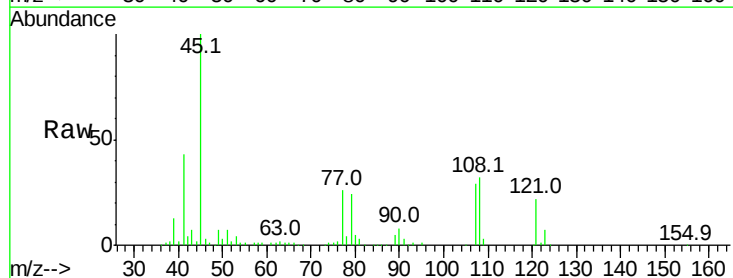
Manual Integrations
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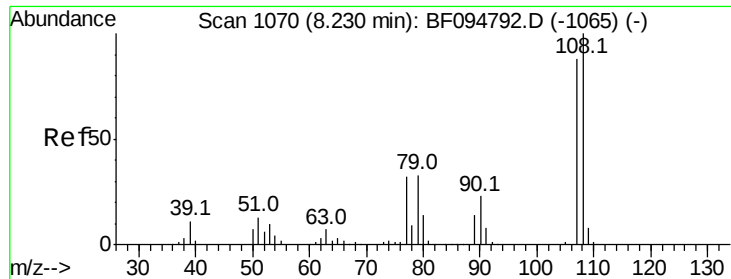
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.42 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.05 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion: 45 Resp: 259293
Ion Ratio Lower Upper
45 100
77 26.5 0.0 33.2
79 23.8 0.0 30.0





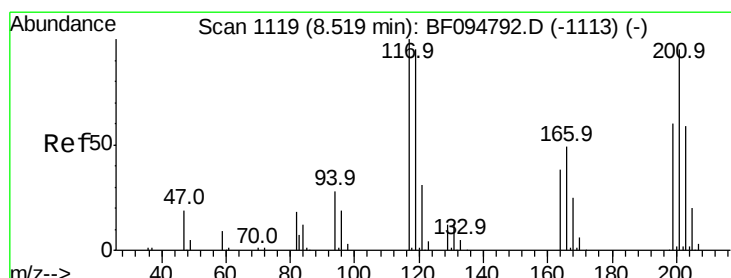
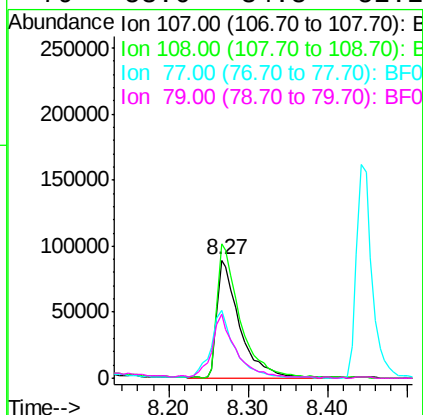
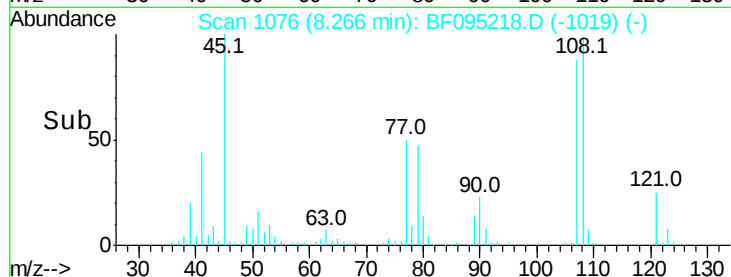
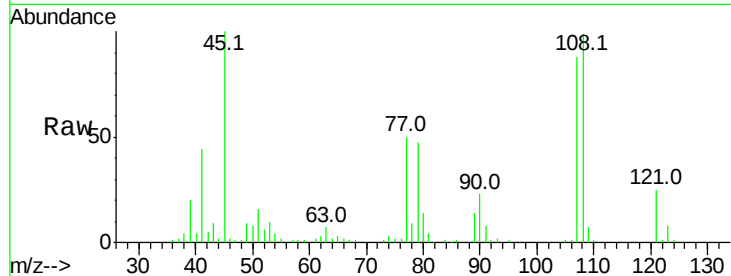
#17
 2-Methylphenol
 Concen: 35.53 ng
 RT: 8.27 min Scan# 1076
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	93.4	140.0	
77	57.1	35.8	53.6#	
79	53.6	34.8	52.2#	

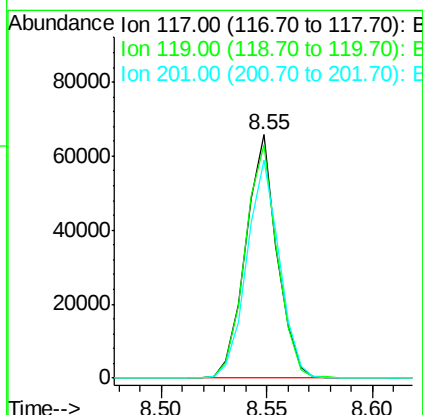
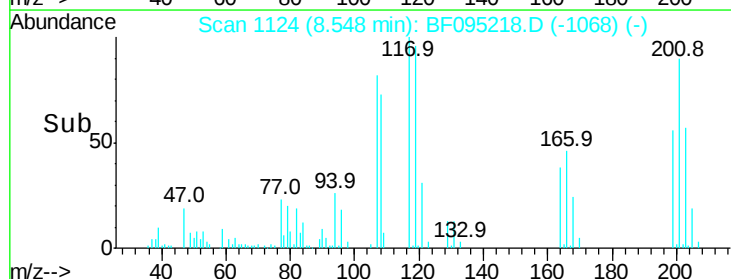
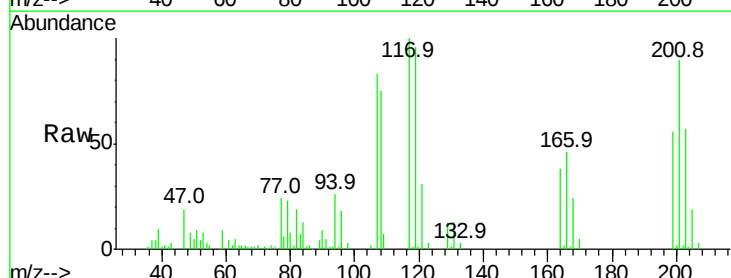
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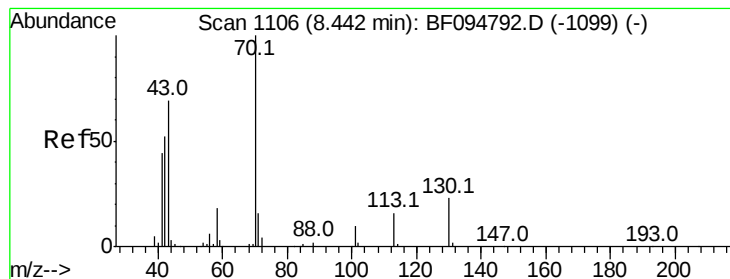
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#18
 Hexachloroethane
 Concen: 29.14 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.03 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	77.4	116.0	
201	89.7	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 36.59 ng

RT: 8.47 min Scan# 1111

Delta R.T. 0.03 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

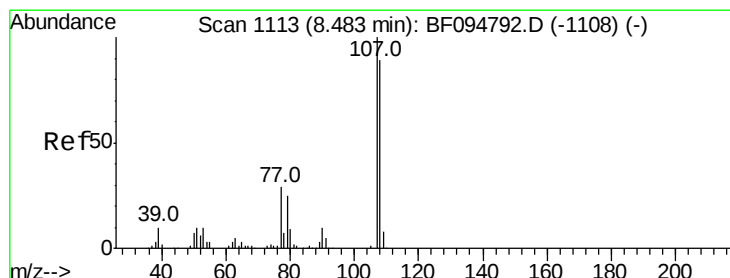
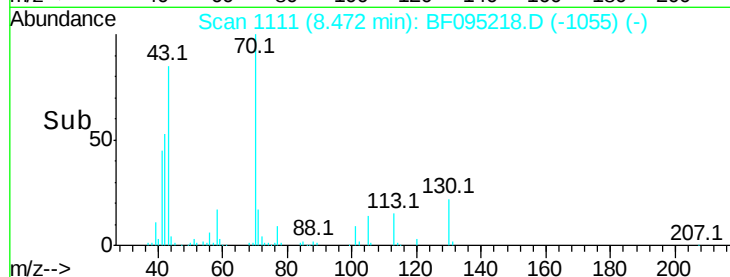
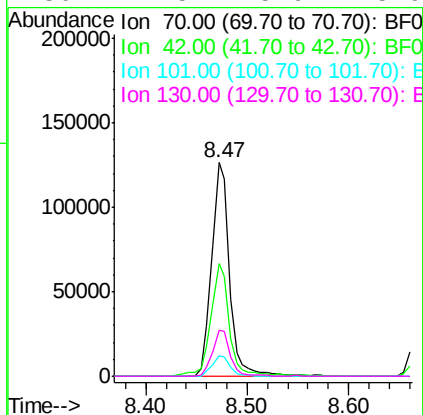
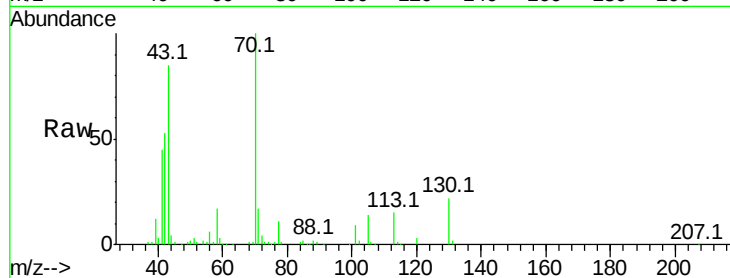
ClientSampleId :

051617-05MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.2	70.8
101	9.3	7.2	10.8
130	21.5	15.9	23.9

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#20

3+4-Methylphenols

Concen: 34.52 ng

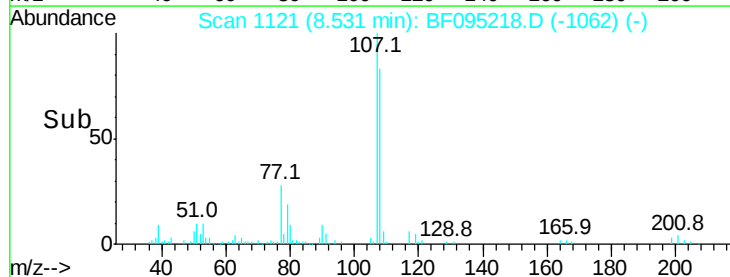
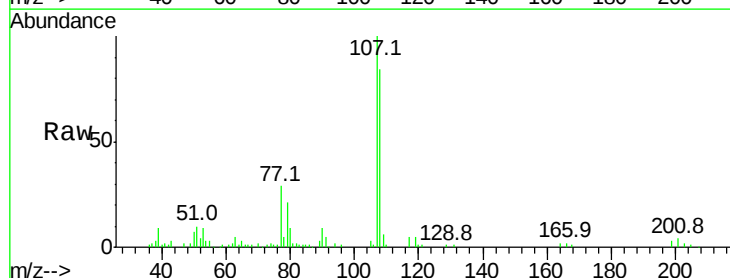
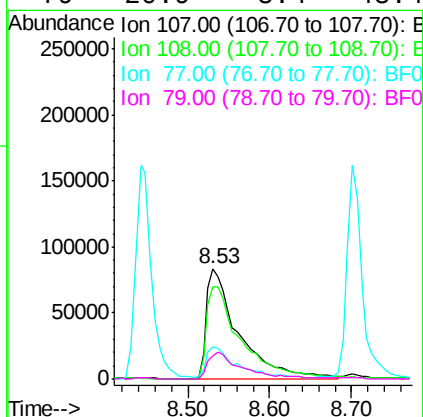
RT: 8.53 min Scan# 1121

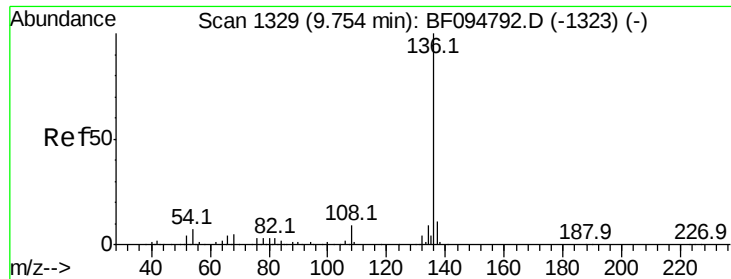
Delta R.T. 0.05 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.0	71.0	111.0
77	28.9	90.5	130.5#
79	20.9	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: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

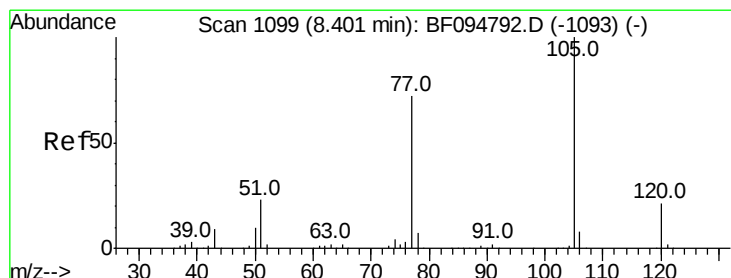
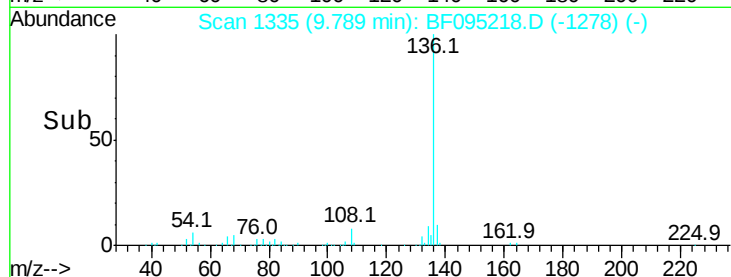
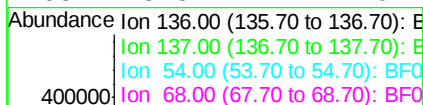
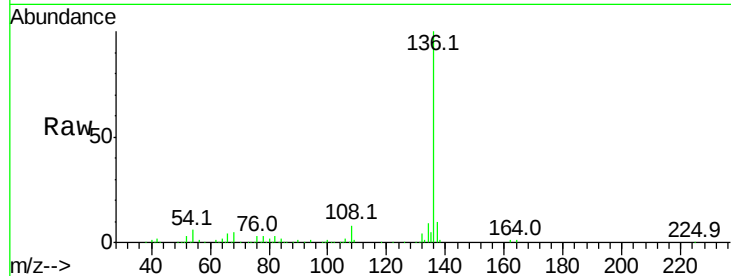
ClientSampleId :

051617-05MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	340871		
137	10.4	8.5	12.7	
54	6.2	4.9	7.3	
68	5.3	4.1	6.1	

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#22

Acetophenone

Concen: 38.38 ng

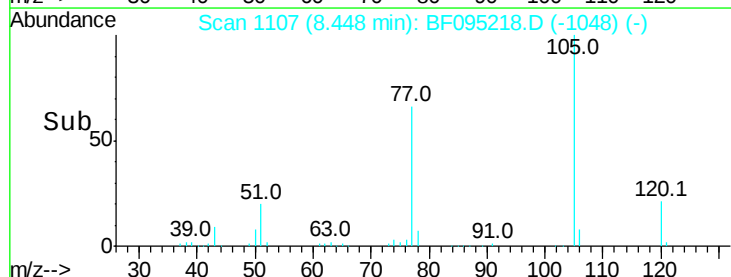
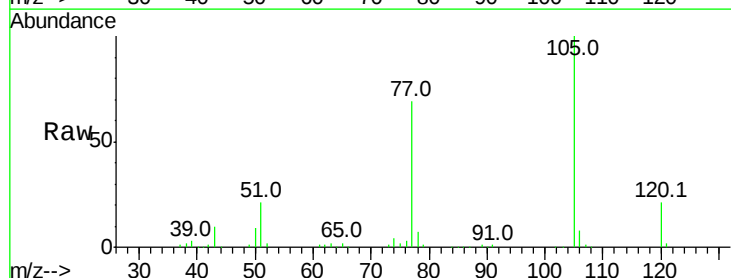
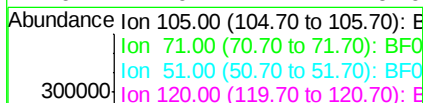
RT: 8.45 min Scan# 1107

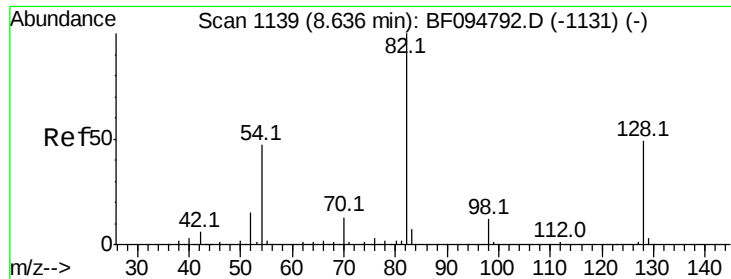
Delta R.T. 0.05 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	313898		
71	0.0	2.8	4.2#	
51	21.3	30.7	46.1#	
120	21.0	17.4	26.0	





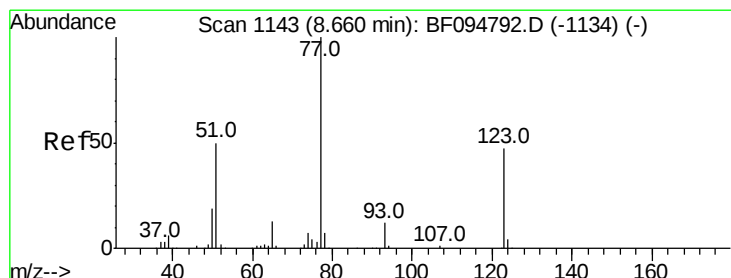
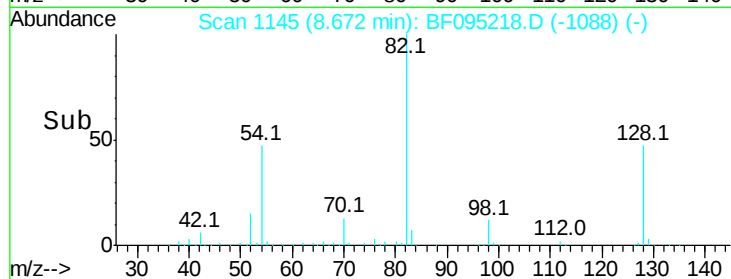
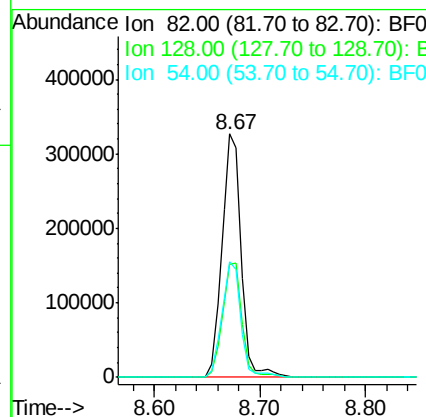
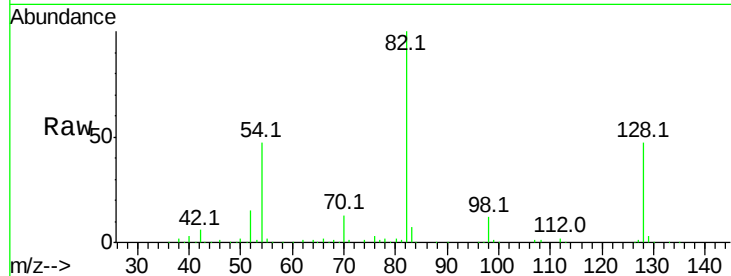
#23
 Nitrobenzene-d5
 Concen: 77.63 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampleID :
 051617-05MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.6	34.0	51.0	
54	47.3	42.2	63.2	

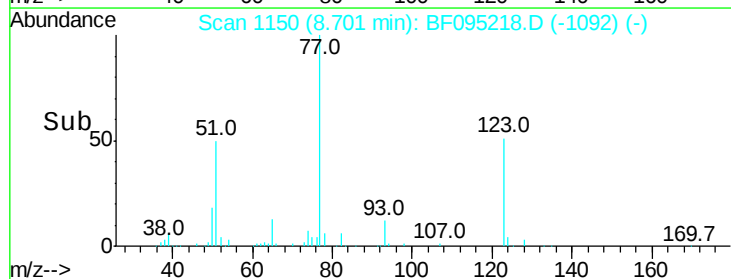
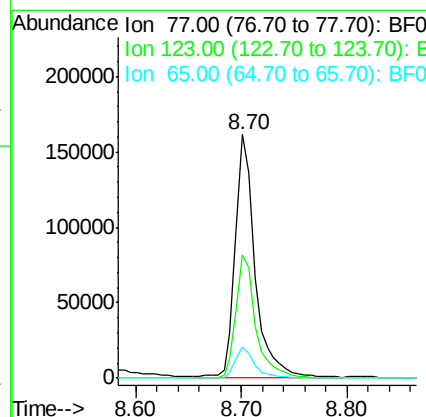
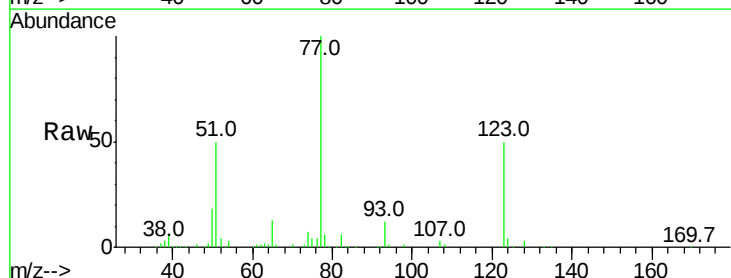
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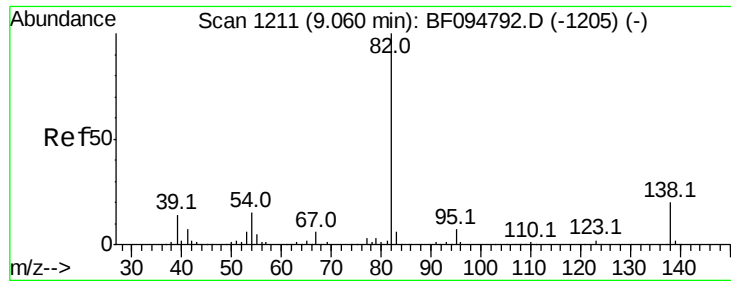
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#24
 Nitrobenzene
 Concen: 36.57 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.4	35.8	53.8	
65	12.8	10.6	15.8	





#25

Isophorone

Concen: 37.49 ng

RT: 9.10 min Scan# 1218

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

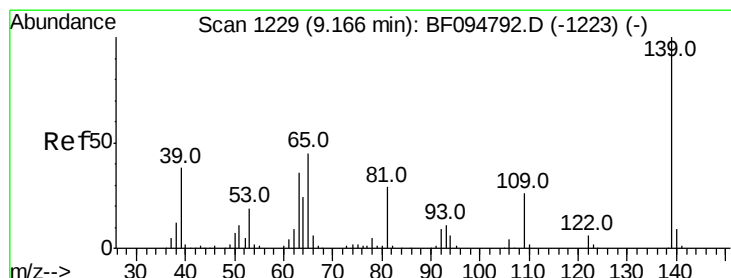
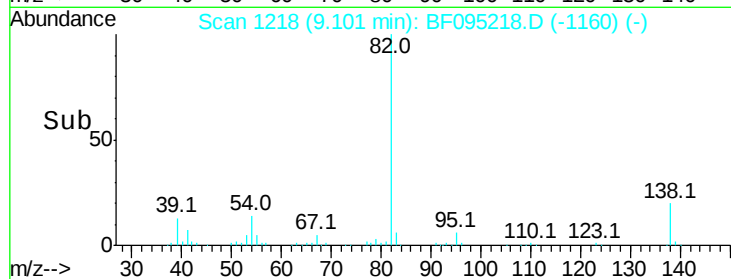
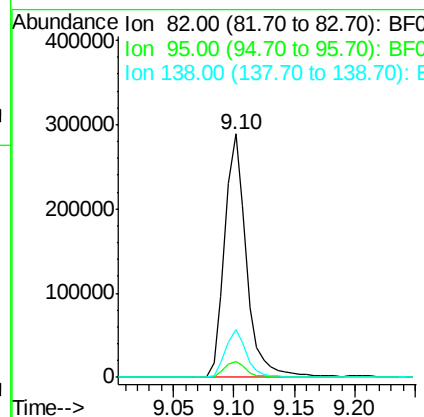
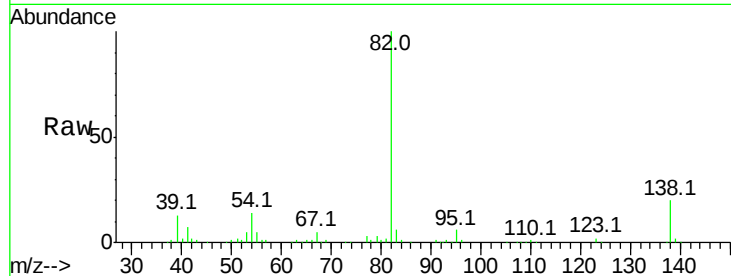
ClientSampleId :

051617-05MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.4	5.3	7.9	
138	19.9	13.1	19.7	

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#26

2-Nitrophenol

Concen: 29.46 ng

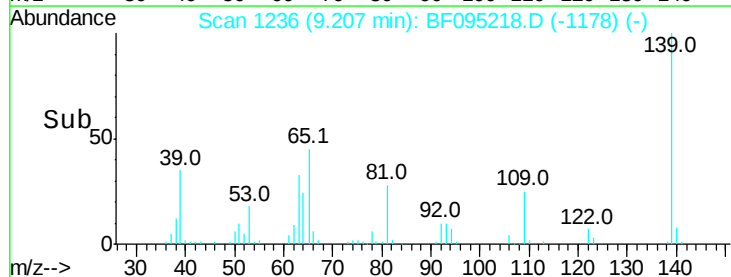
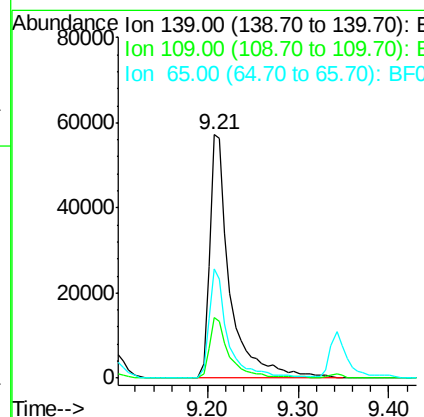
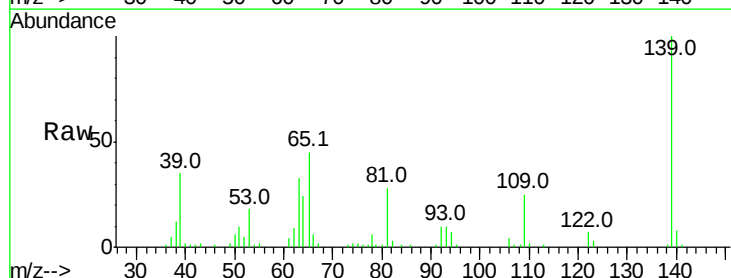
RT: 9.21 min Scan# 1236

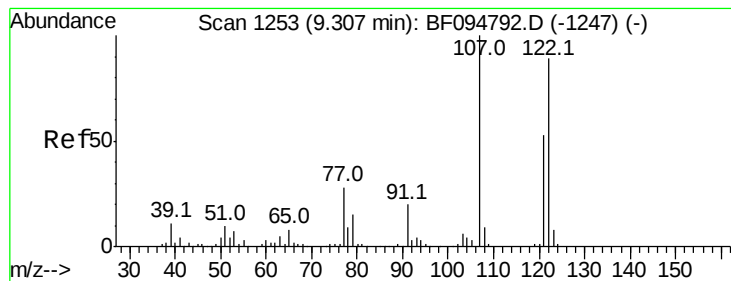
Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	24.7	21.0	31.6	
65	44.8	33.0	49.6	





#27

2,4-Dimethylphenol

Concen: 35.25 ng

RT: 9.34 min Scan# 1259

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

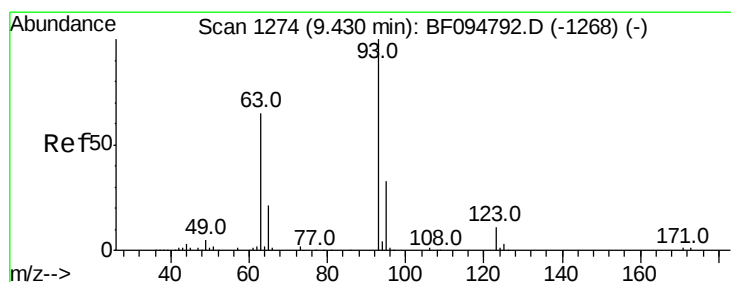
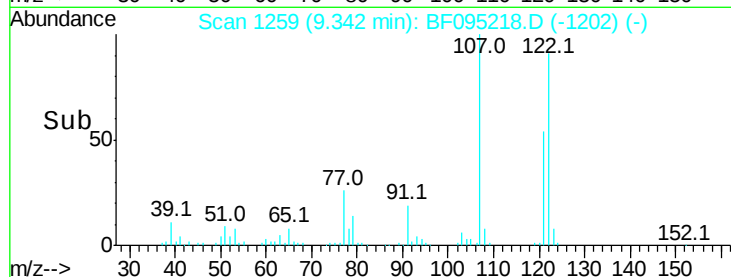
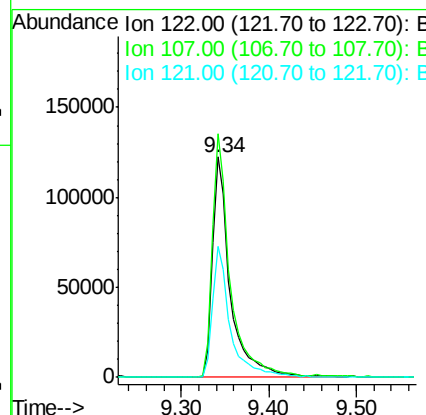
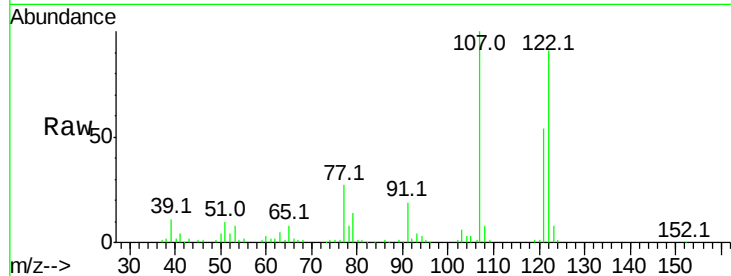
ClientSampleId :

051617-05MS

Tot Ion:	122	Resp:	174243
Ion Ratio	Lower	Upper	
122	100		
107	110.4	89.2	133.8
121	59.5	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 35.81 ng

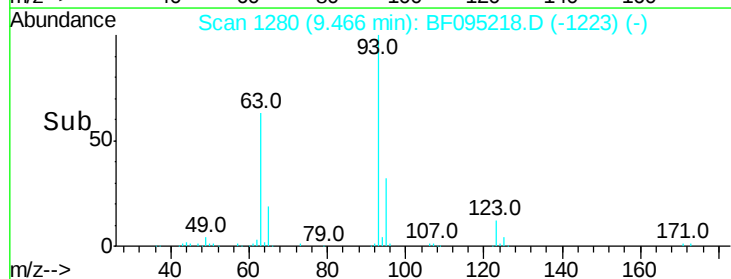
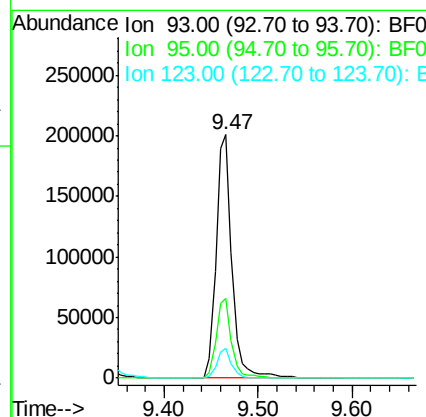
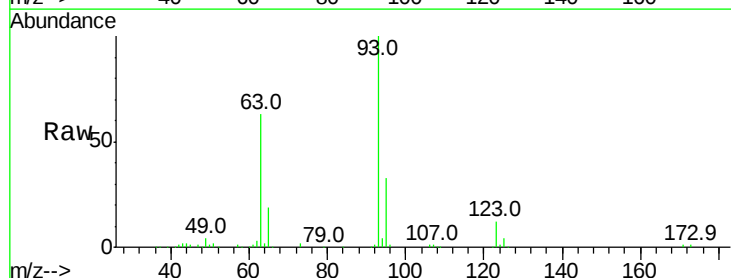
RT: 9.47 min Scan# 1280

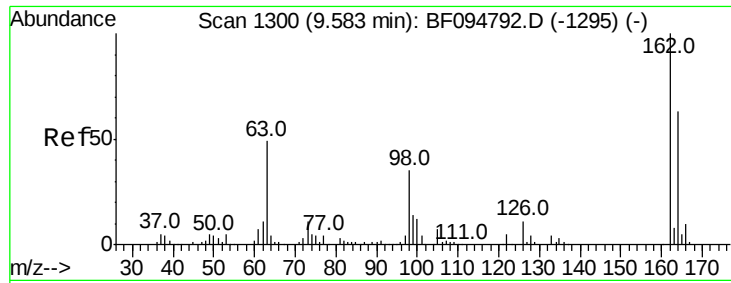
Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion:	93	Resp:	239091
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.5	39.7
123	12.1	9.0	13.4





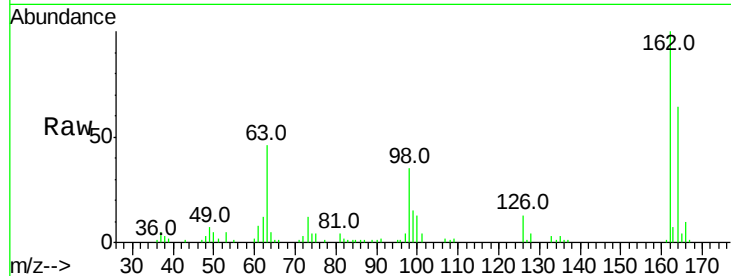
#29
 2,4-Dichlorophenol
 Concen: 35.30 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.05 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MS

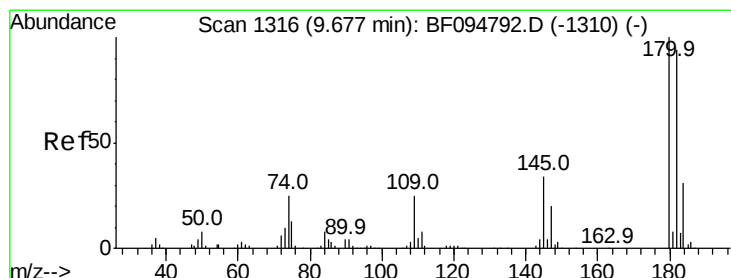
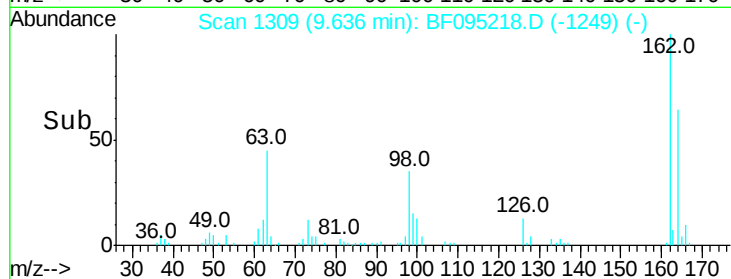
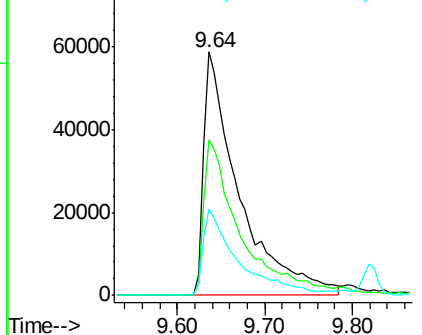
Tot Ion	Ratio	Resp	Lower	Upper
162	100	164770		
164	63.6	44.6	84.6	
98	35.3	14.8	54.8	

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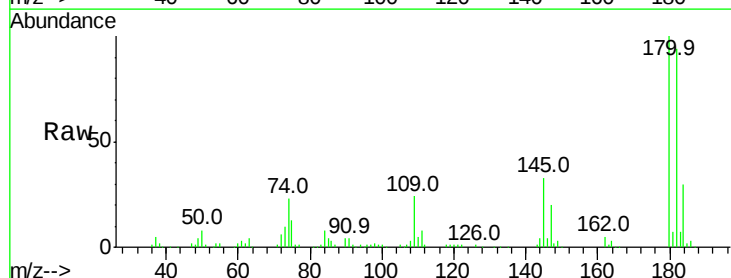


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

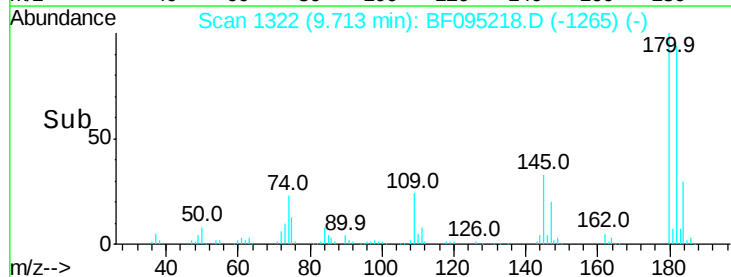
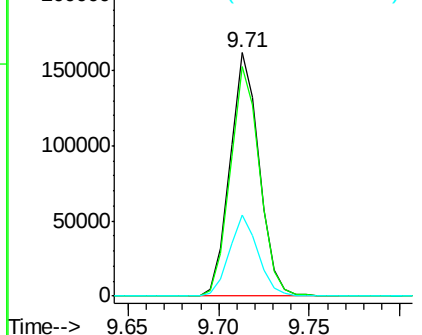


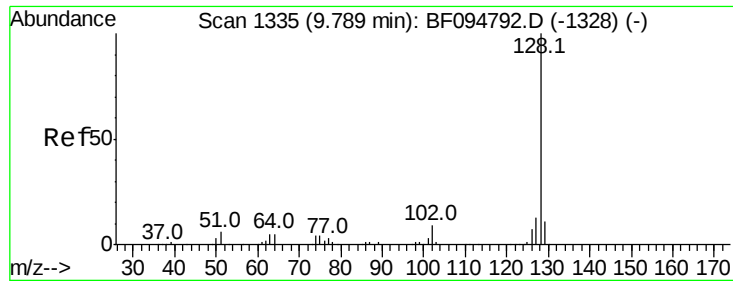
#30
 1,2,4-Trichlorobenzene
 Concen: 36.25 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	181275		
182	94.4	75.8	113.6	
145	33.5	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





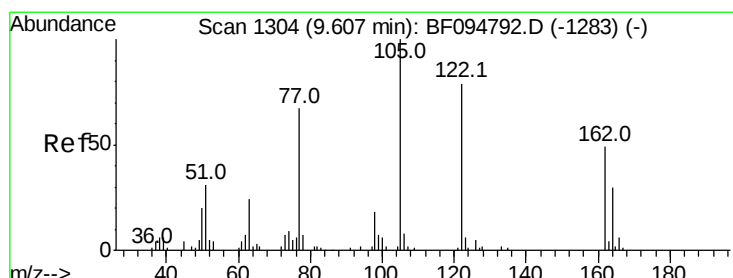
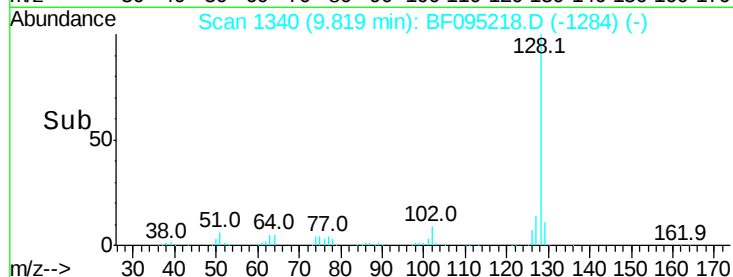
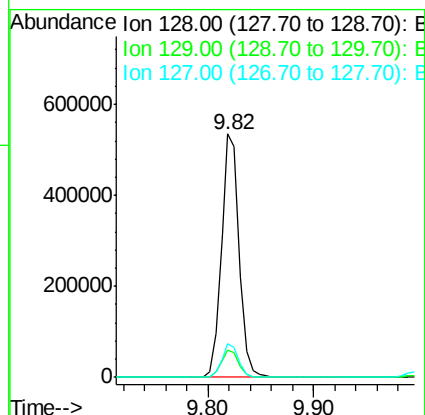
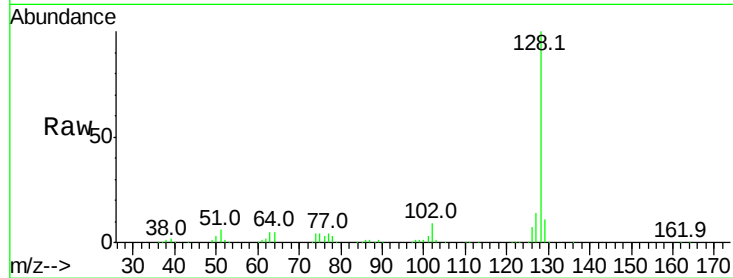
#31
Naphthalene
Concen: 36.51 ng
RT: 9.82 min Scan# 1340
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion:128	Resp:	625530
Ion Ratio	Lower	Upper
128 100		
129 11.1	9.0	13.6
127 13.6	10.8	16.2

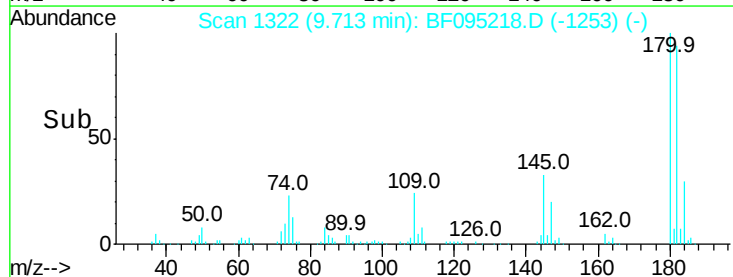
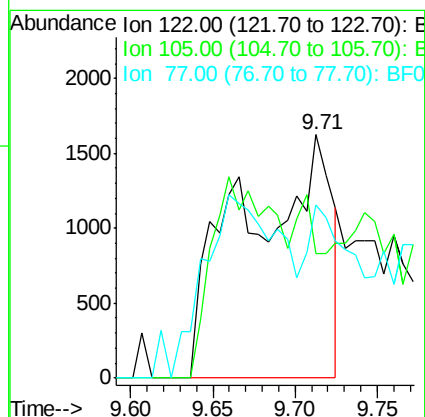
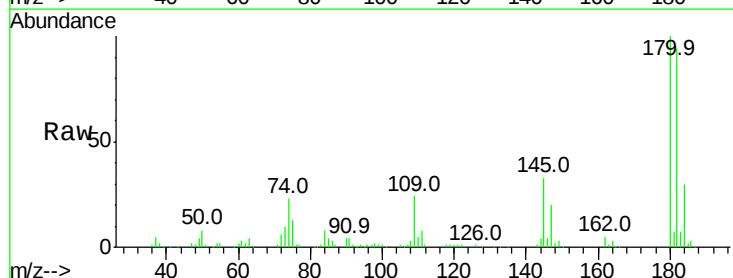
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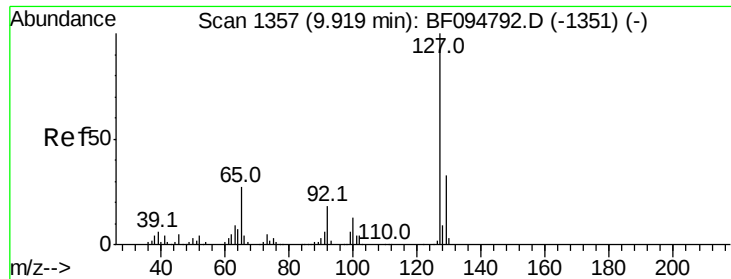
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#32
Benzoic acid
Concen: 6.71 ng m
RT: 9.71 min Scan# 1322
Delta R.T. 0.11 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion:122	Resp:	5891
Ion Ratio	Lower	Upper
122 100		
105 51.4	103.3	143.3#
77 71.0	73.7	113.7#





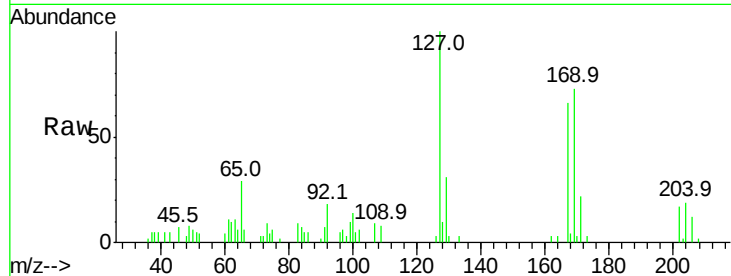
#33
4-Chloroaniline
Concen: 6.69 ng
RT: 10.00 min Scan# 1371
Delta R.T. 0.08 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

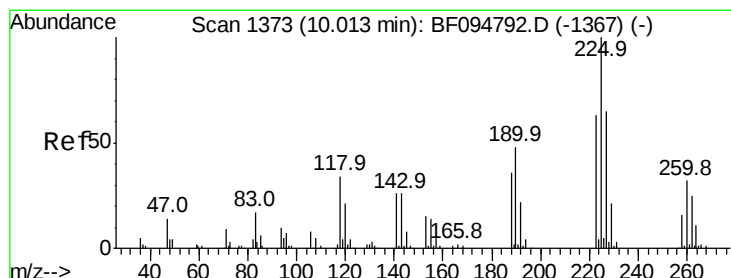
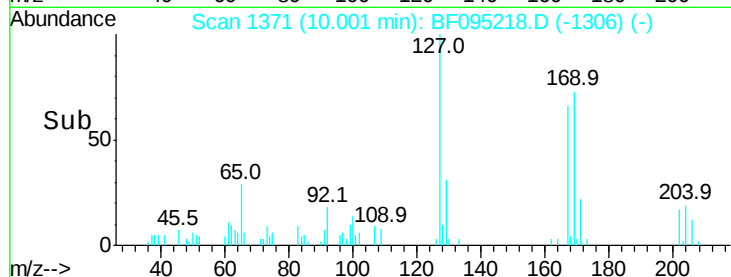
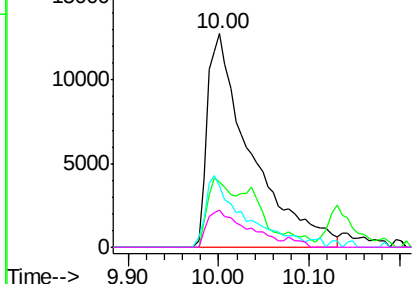
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		42722		
129	30.7	26.2	39.2		
65	28.9	27.8	41.8		
92	17.5	16.8	25.2		

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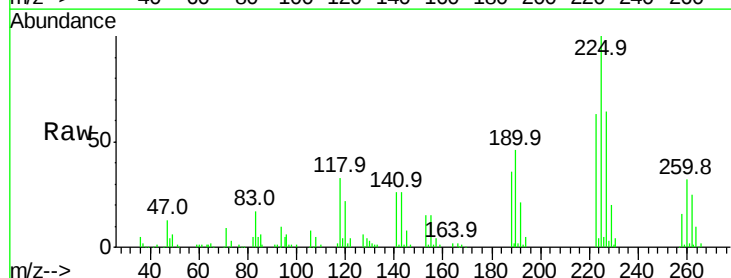


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

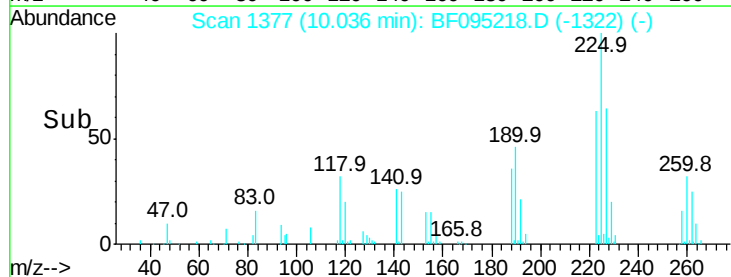
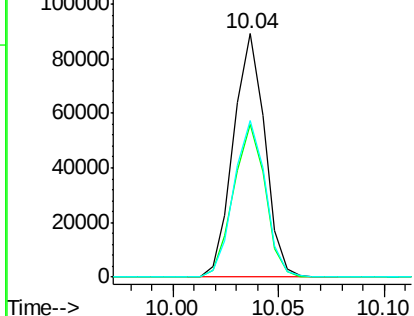


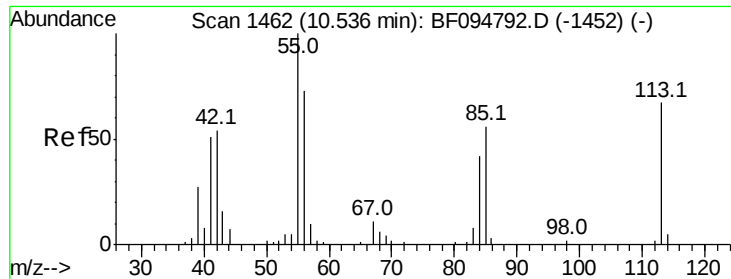
#34
Hexachlorobutadiene
Concen: 34.82 ng
RT: 10.04 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		91868		
223	62.7	48.8	73.2		
227	64.4	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





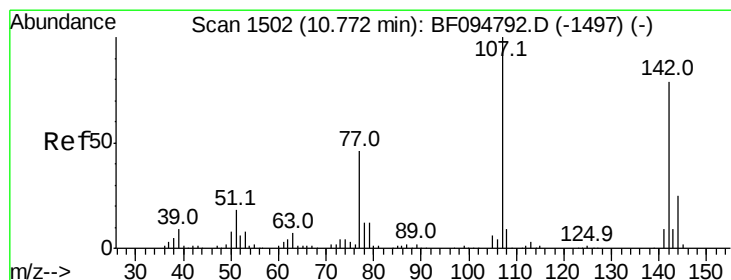
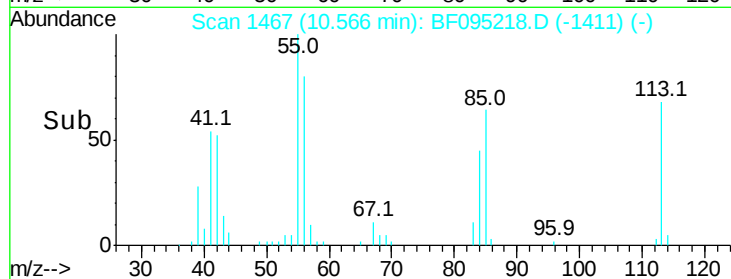
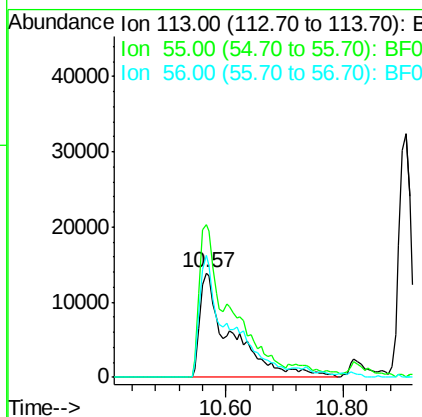
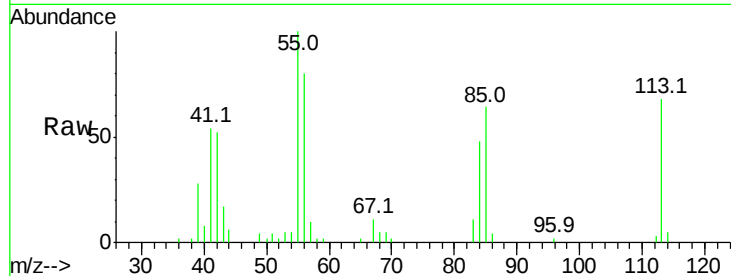
#35
 Caprolactam
 Concen: 36.57 ng/ml
 RT: 10.57 min Scan# 1467
 Delta R.T. 0.03 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MS

Tot Ion:113 Resp: 51252
 Ion Ratio Lower Upper
 113 100
 55 146.6 150.2 190.2#
 56 116.8 107.8 147.8

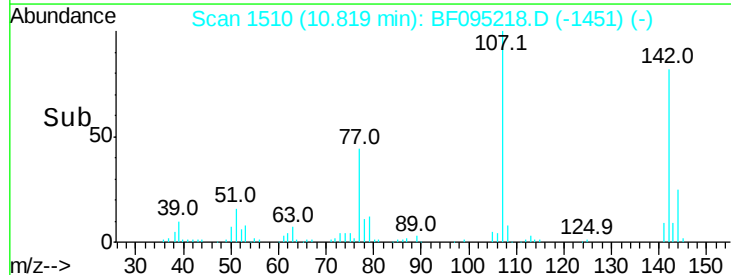
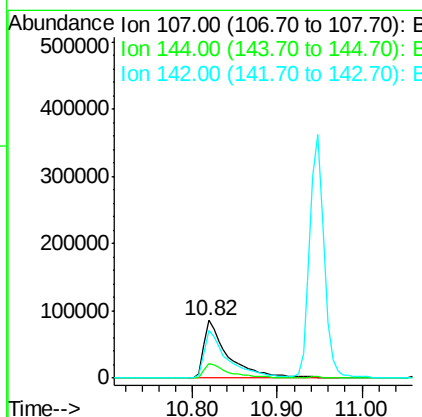
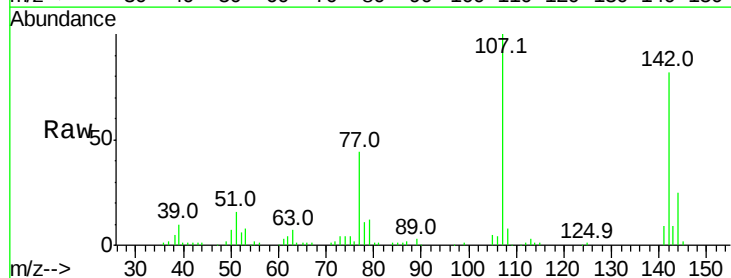
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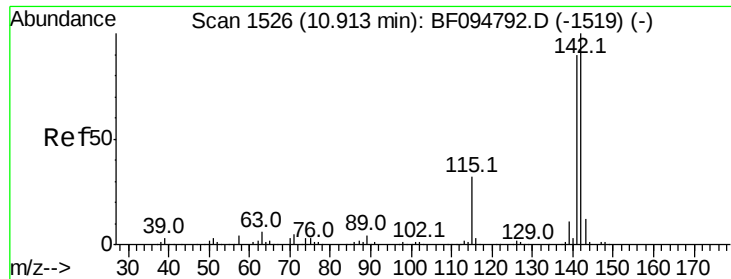
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#36
 4-Chloro-3-methylphenol
 Concen: 34.58 ng/ml
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.05 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion:107 Resp: 172554
 Ion Ratio Lower Upper
 107 100
 144 25.3 24.2 36.4
 142 82.3 73.4 110.0





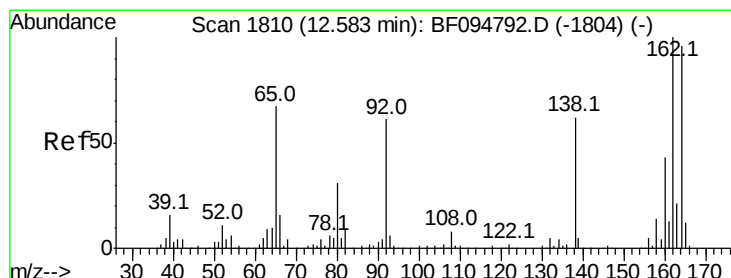
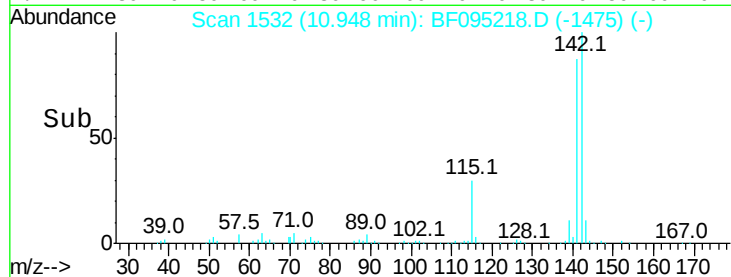
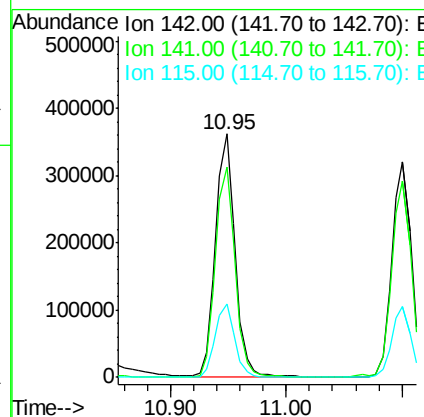
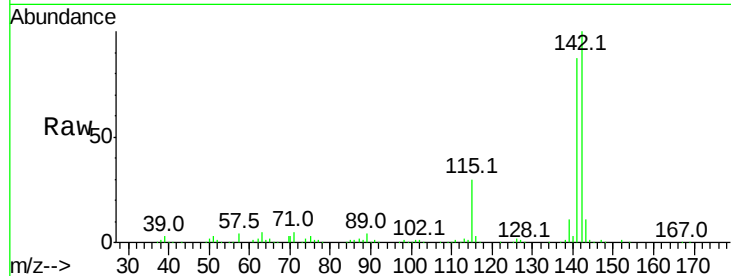
#37
2-Methylnaphthalene
Concen: 38.26 ng
RT: 10.95 min Scan# 1532
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.3	106.9
115	30.3	27.1	40.7

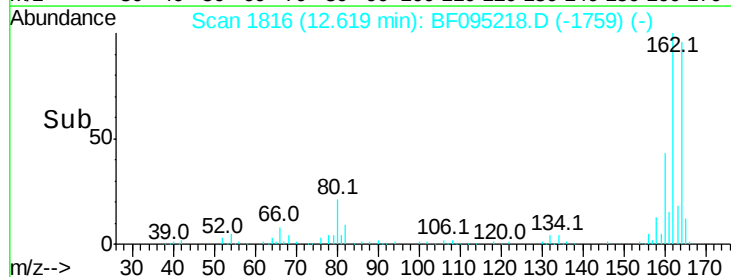
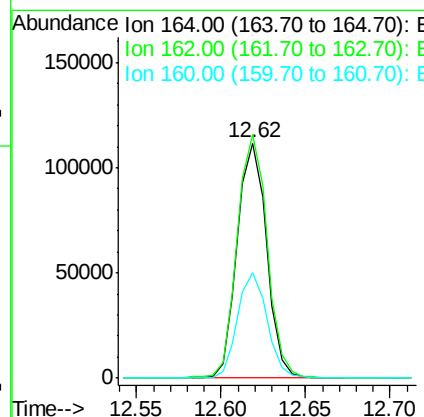
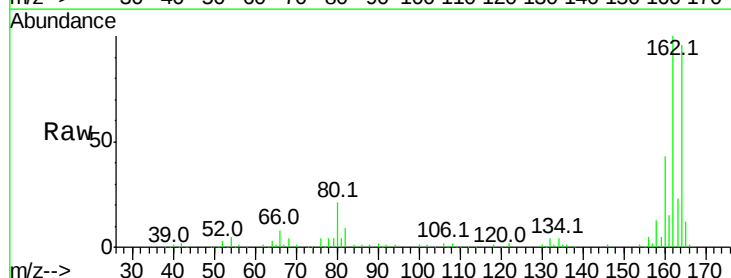
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	44.9	36.2	54.2





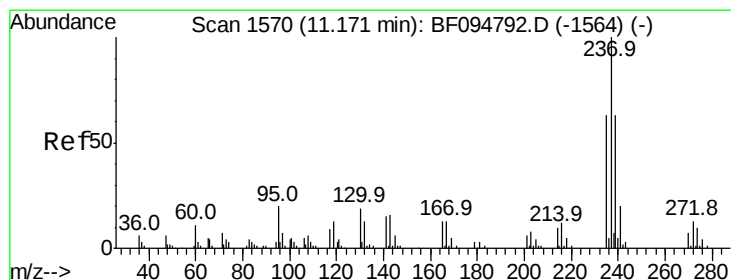
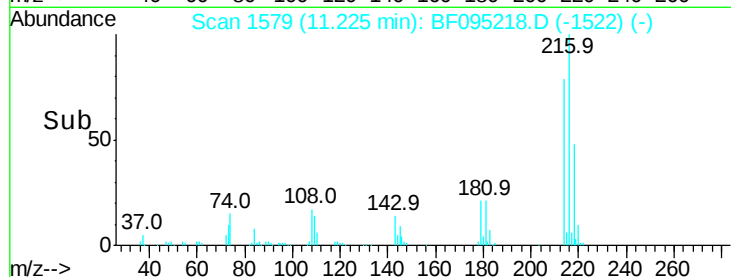
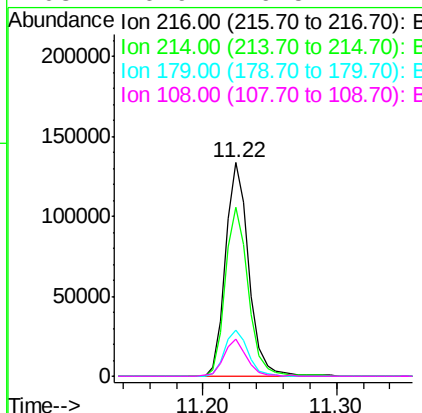
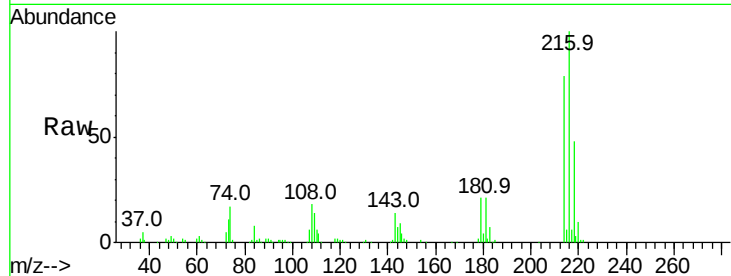
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.58 ng
RT: 11.22 min Scan# 1579
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	164342		
214	78.4	63.4	95.2	
179	21.6	17.9	26.9	
108	16.9	16.5	24.7	

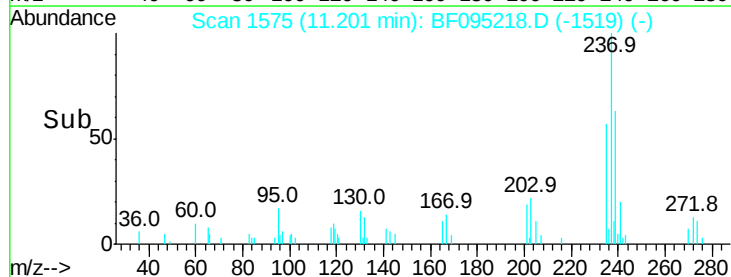
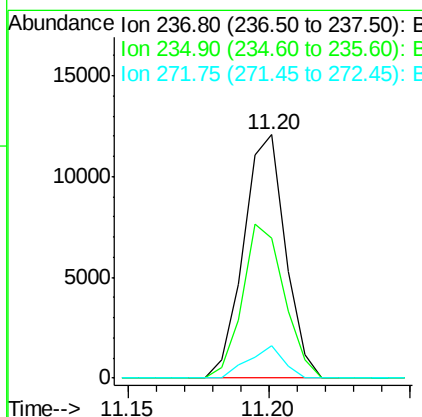
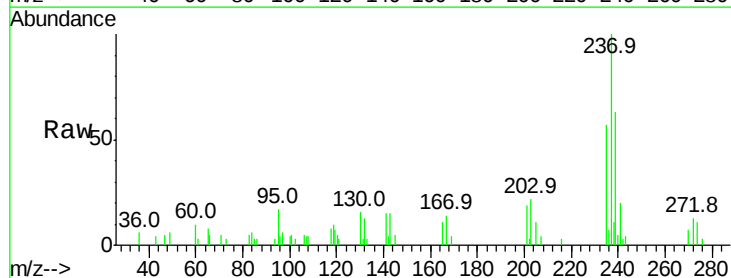
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#40
Hexachlorocyclopentadiene
Concen: 12.62 ng
RT: 11.20 min Scan# 1575
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	12404		
235	57.5	42.6	82.6	
272	13.2	0.0	31.9	





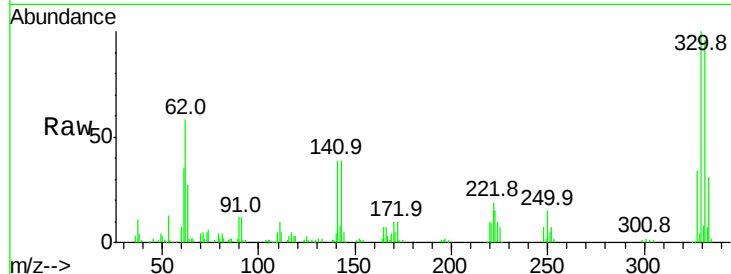
#41
 2,4,6-Tribromophenol
 Concen: 105.76 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MS

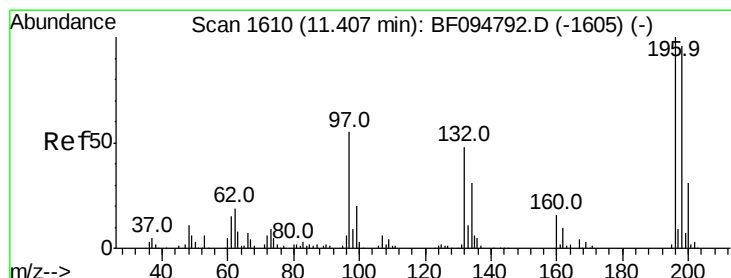
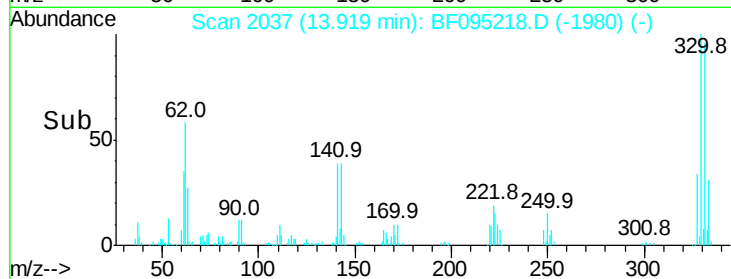
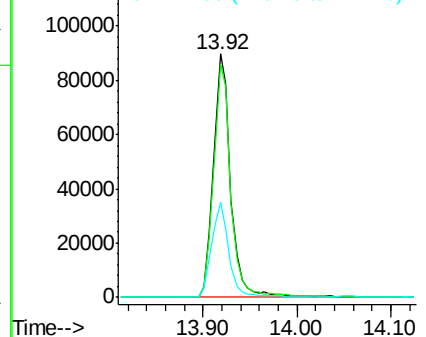
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.6	115.0	
141	38.9	31.4	47.2	

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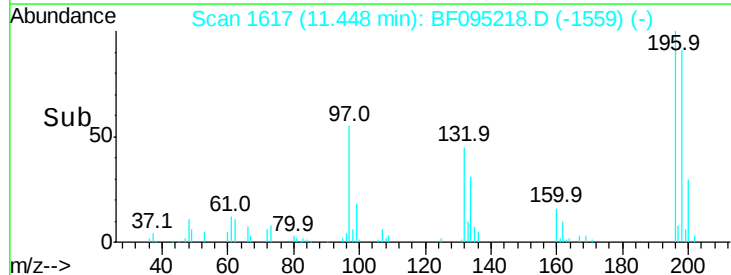
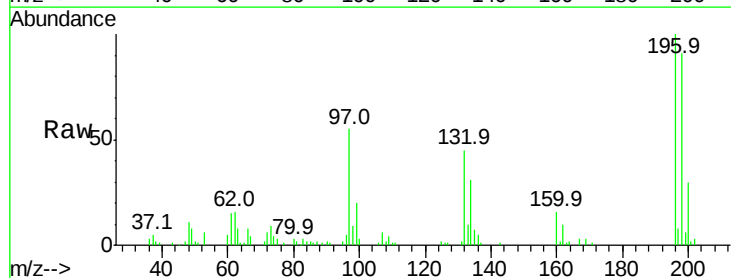
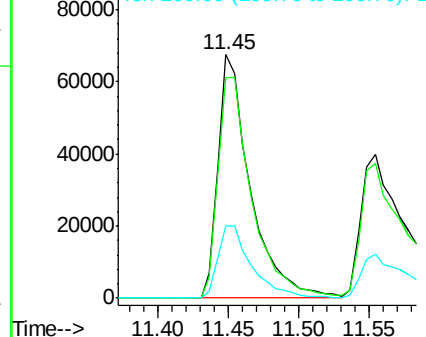
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.81 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	90.6	74.2	111.4	
200	29.7	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





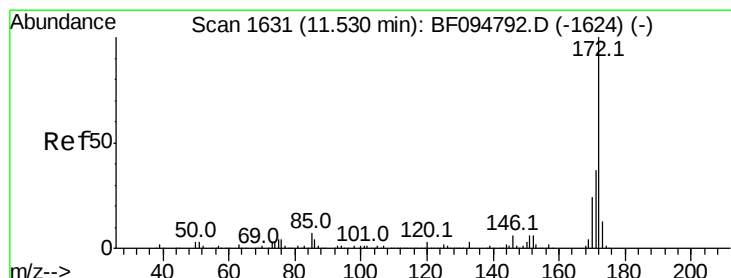
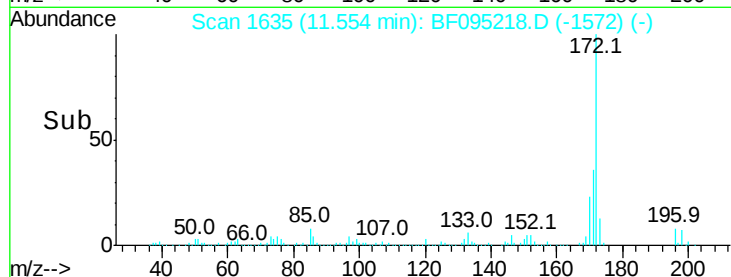
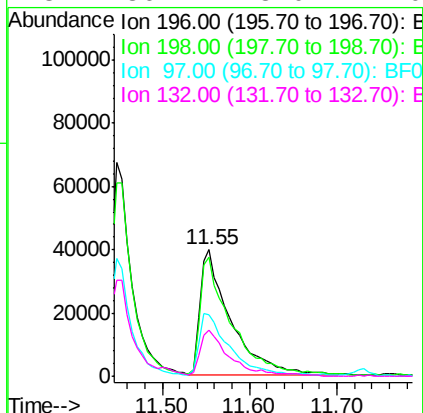
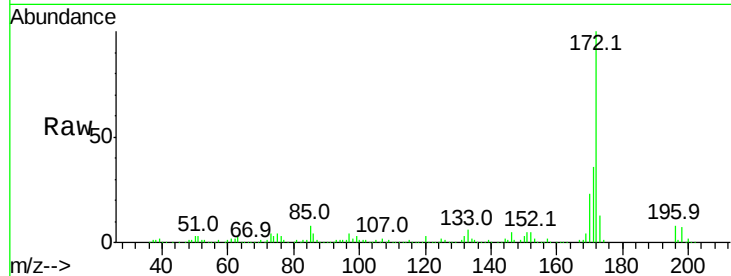
#43
 2,4,5-Trichlorophenol
 Concen: 32.05 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. 0.07 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	95502		
198	93.8	75.7	113.5	
97	48.3	47.7	71.5	
132	36.2	28.0	42.0	

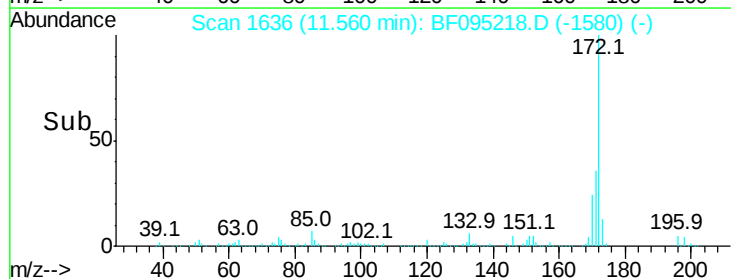
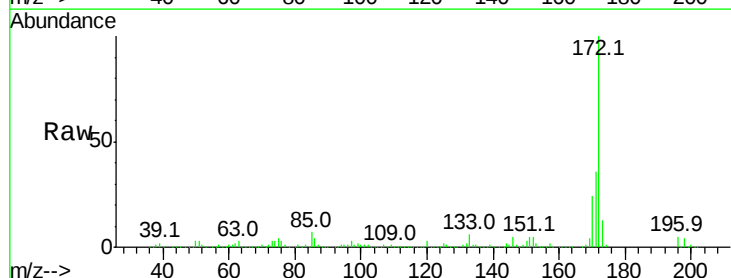
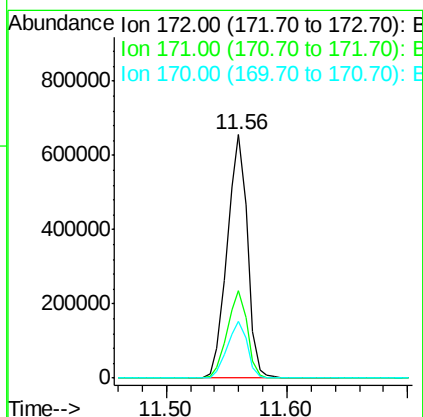
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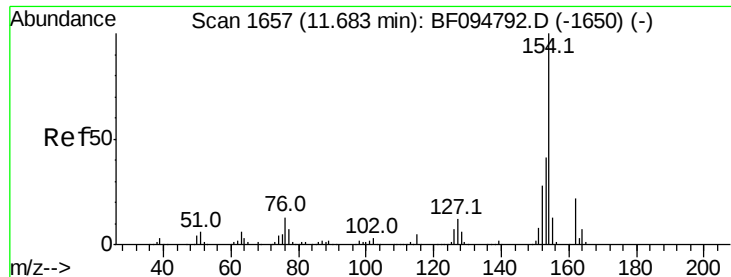
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 81.33 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	762928		
171	35.9	29.6	44.4	
170	23.5	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 40.31 ng

RT: 11.71 min Scan# 1662

Delta R.T. 0.03 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

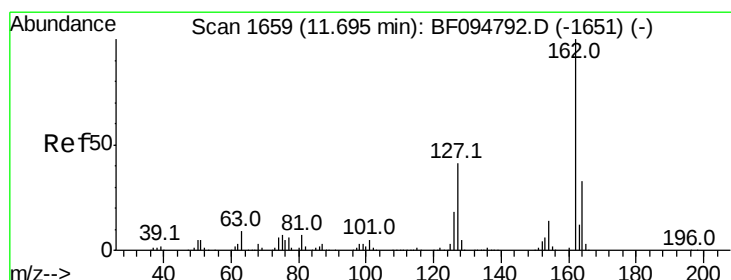
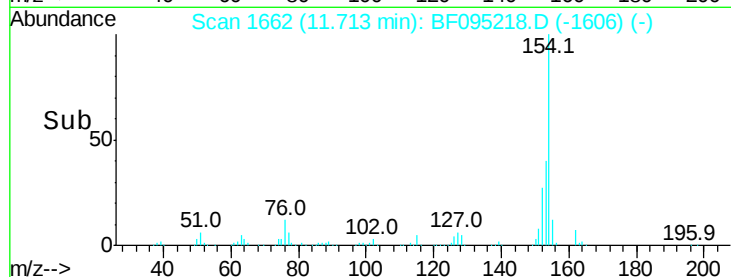
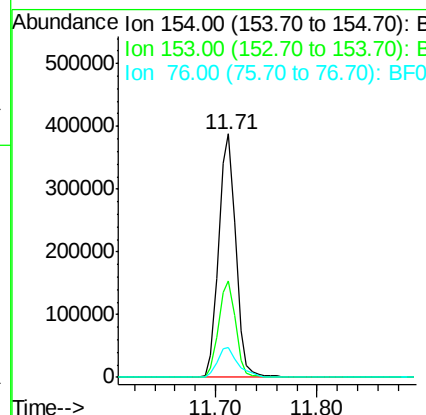
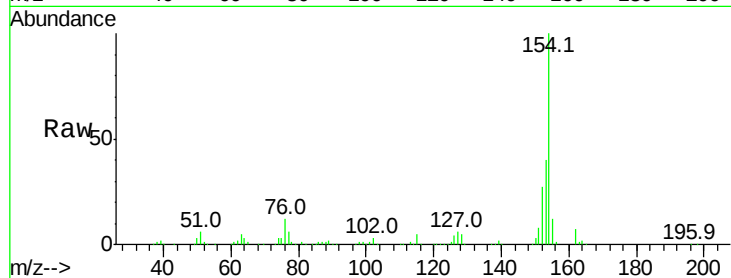
ClientSampleId :

051617-05MS

Tot Ion:	154	Resp:	458214
Ion Ratio	Lower	Upper	
154	100		
153	39.9	21.2	61.2
76	12.5	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 38.96 ng

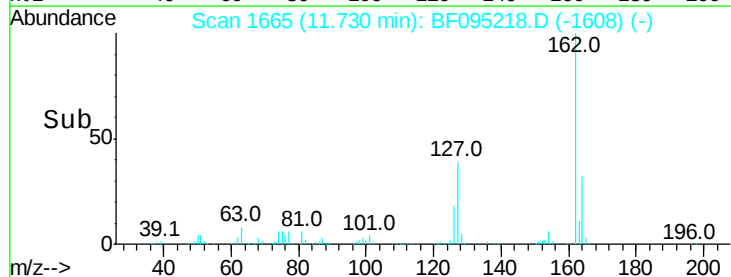
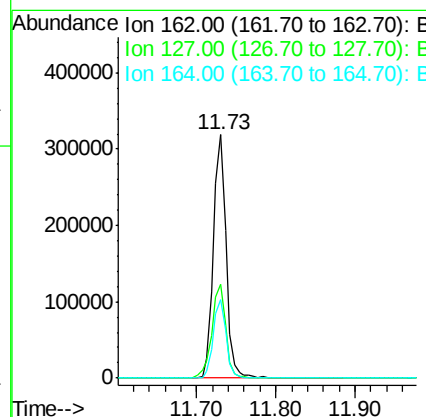
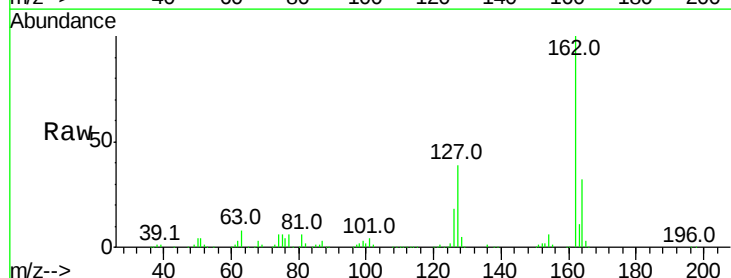
RT: 11.73 min Scan# 1665

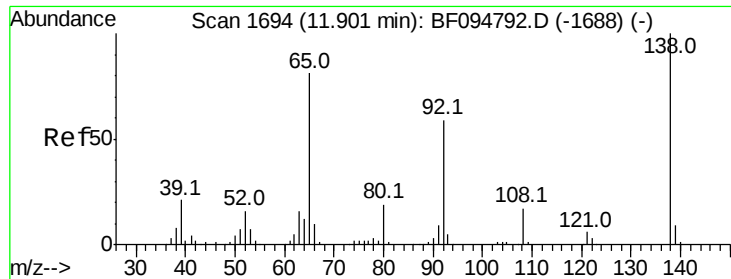
Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion:	162	Resp:	357611
Ion Ratio	Lower	Upper	
162	100		
127	38.5	28.3	42.5
164	32.5	27.0	40.4





#47

2-Nitroaniline

Concen: 37.81 ng

RT: 11.95 min Scan# 1702

Delta R.T. 0.05 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

051617-05MS

Tot Ion: 65 Resp: 94999

Ion Ratio Lower Upper

65 100

92 74.6 53.9 80.9

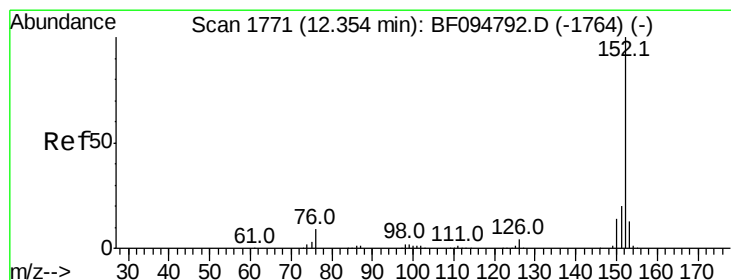
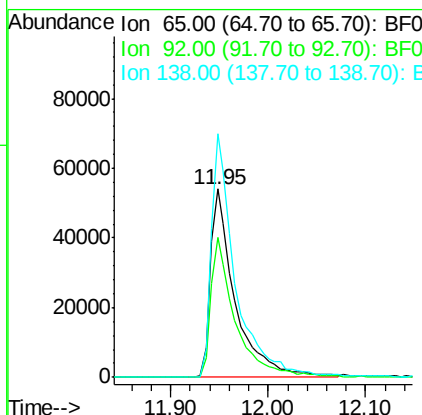
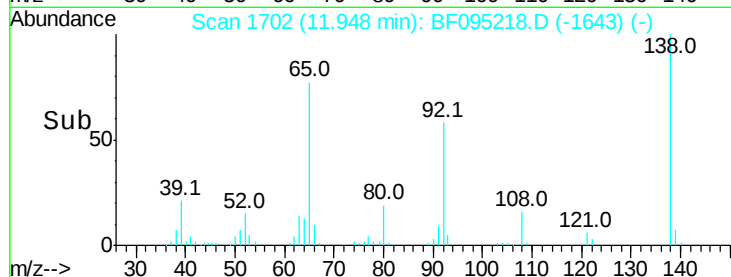
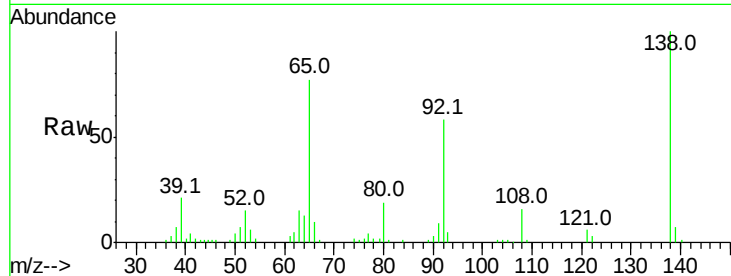
138 129.4 78.8 118.2#

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#48

Acenaphthylene

Concen: 37.60 ng

RT: 12.39 min Scan# 1777

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

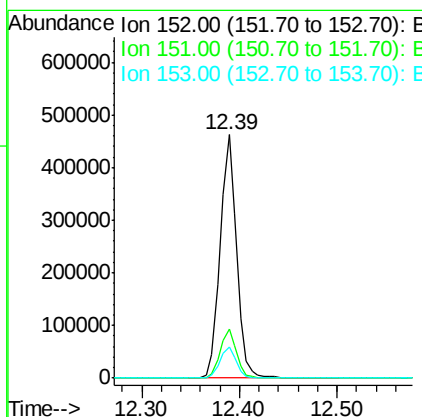
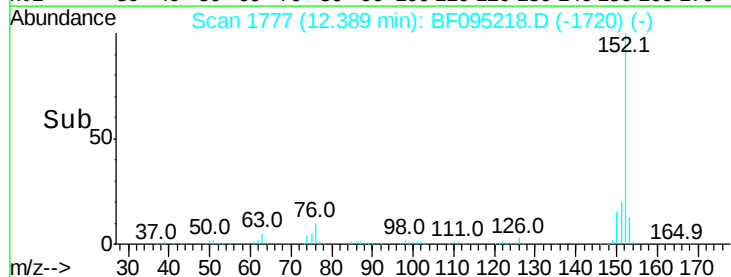
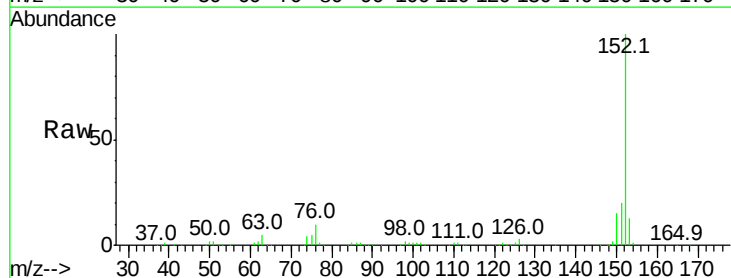
Tgt Ion: 152 Resp: 540563

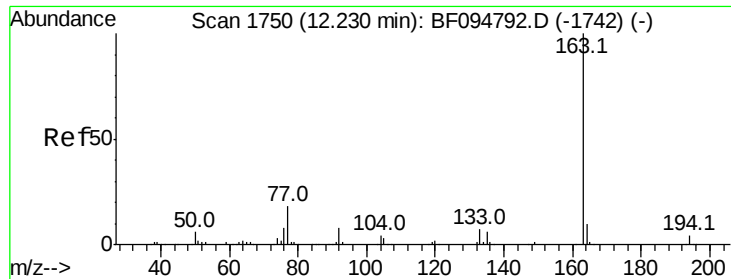
Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

153 12.7 10.8 16.2





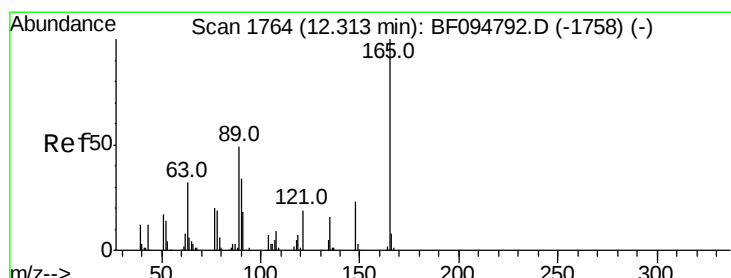
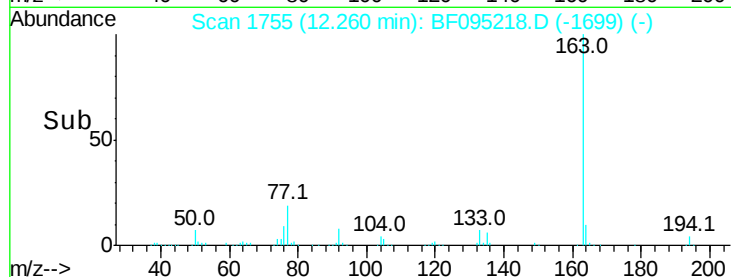
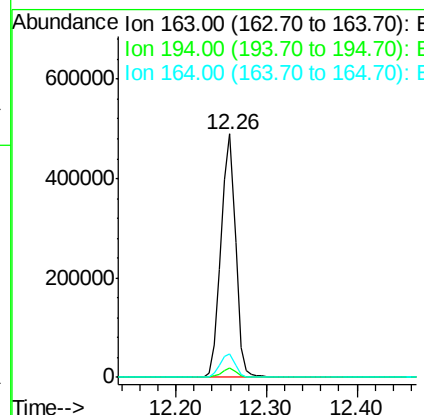
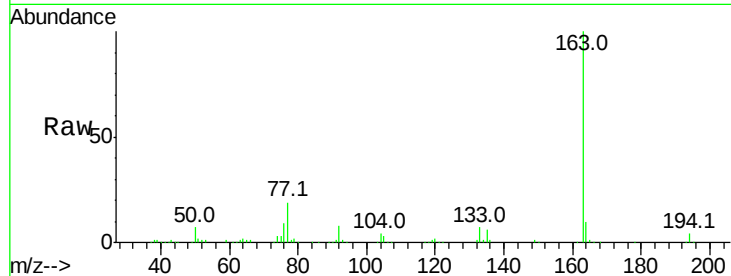
#49
Dimethylphthalate
Concen: 49.39 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	547440		
194	3.7	2.6	4.0	
164	9.6	8.4	12.6	

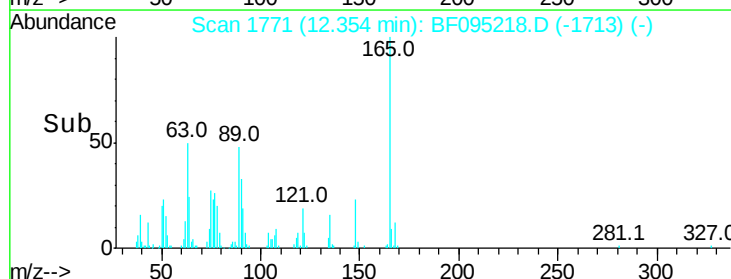
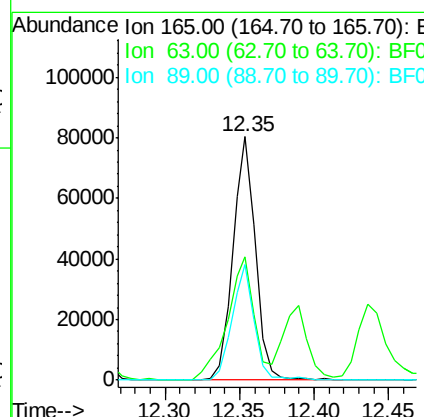
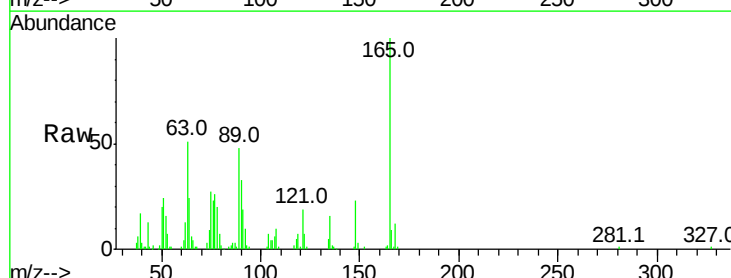
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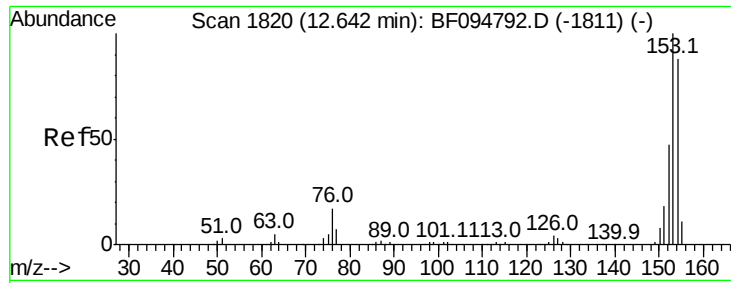
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#50
2,6-Dinitrotoluene
Concen: 37.62 ng
RT: 12.35 min Scan# 1771
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	85076		
63	50.5	34.3	51.5	
89	47.7	37.1	55.7	





#51

Acenaphthene

Concen: 37.48 ng

RT: 12.67 min Scan# 1825

Delta R.T. 0.03 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

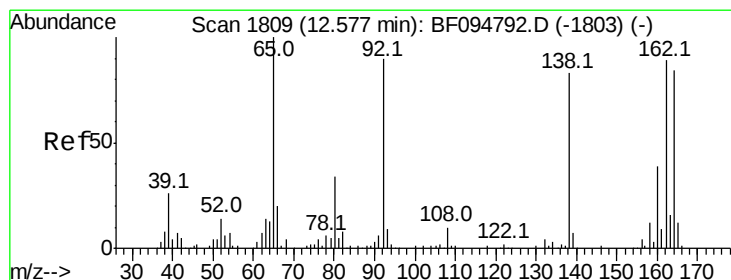
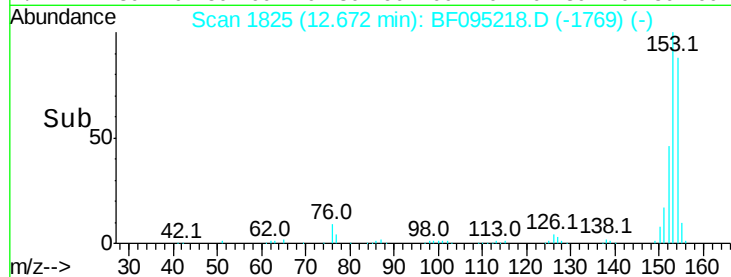
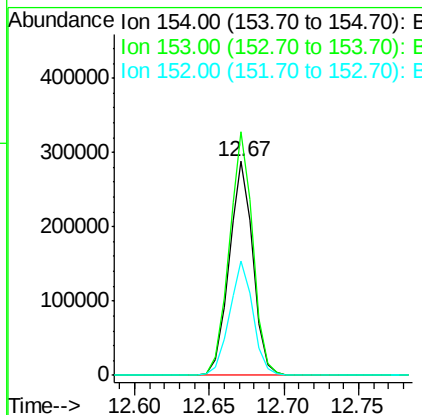
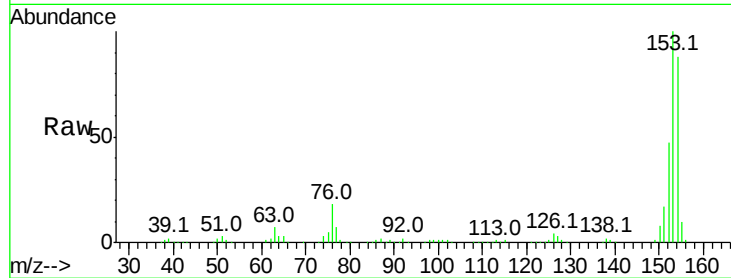
ClientSampleId :

051617-05MS

Tot Ion:	154	Resp:	321842
Ion Ratio	Lower	Upper	
154	100		
153	114.0	90.5	135.7
152	53.4	43.6	65.4

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#52

3-Nitroaniline

Concen: 25.80 ng

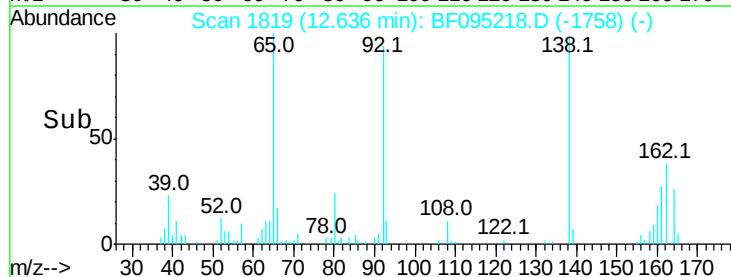
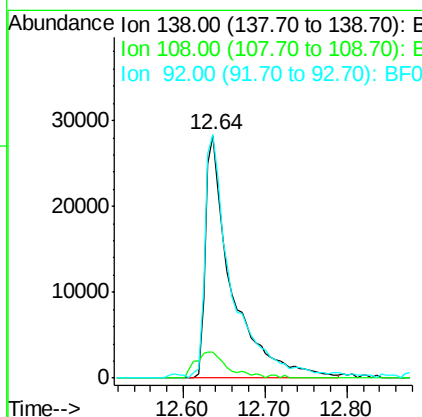
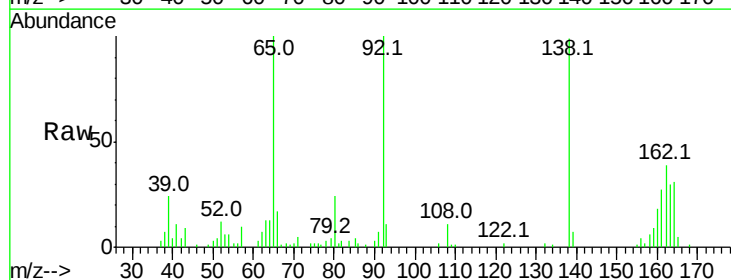
RT: 12.64 min Scan# 1819

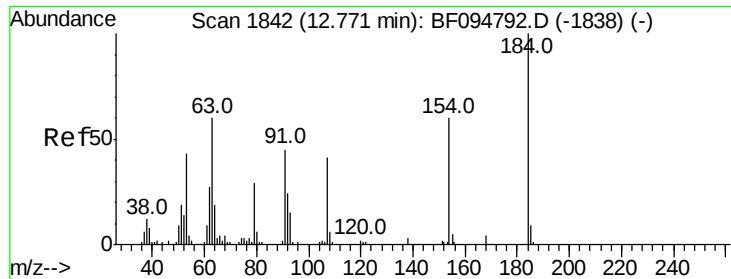
Delta R.T. 0.06 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion:	138	Resp:	62627
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.1	13.7
92	100.3	93.8	140.6





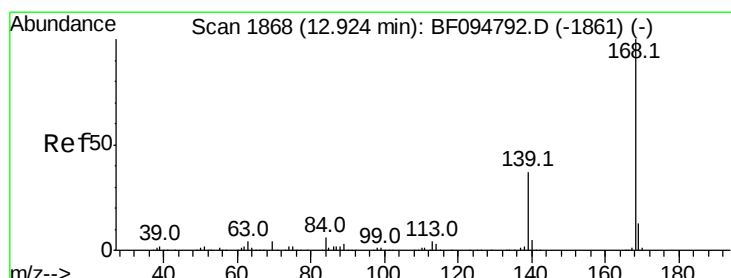
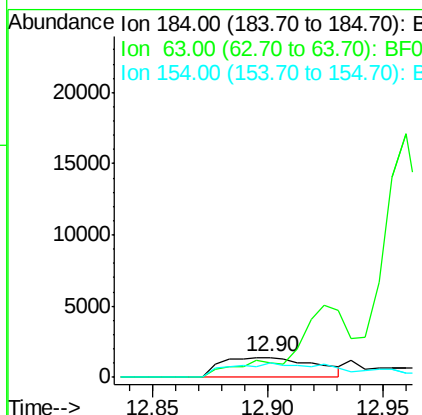
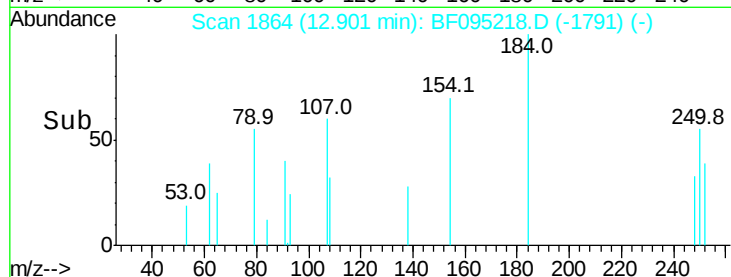
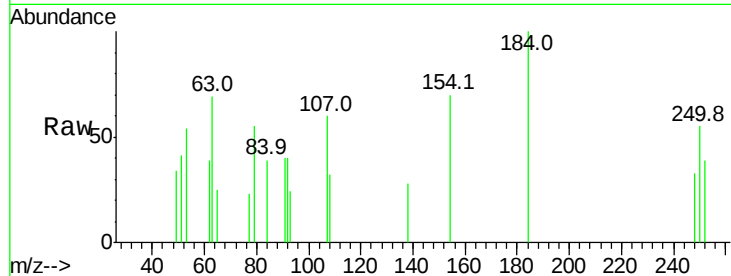
#53
2,4-Dinitrophenol
Concen: 9.17 ng
RT: 12.90 min Scan# 1864
Delta R.T. 0.13 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion:184 Resp: 3950
Ion Ratio Lower Upper
184 100
63 69.3 62.7 94.1
154 69.5 81.1 121.7#

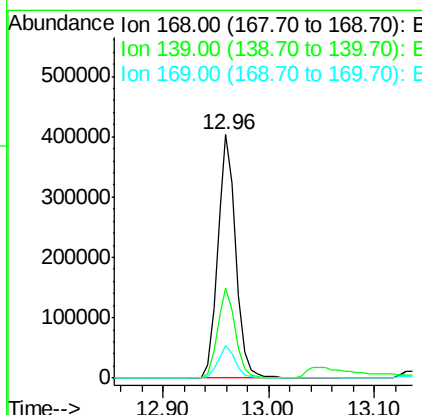
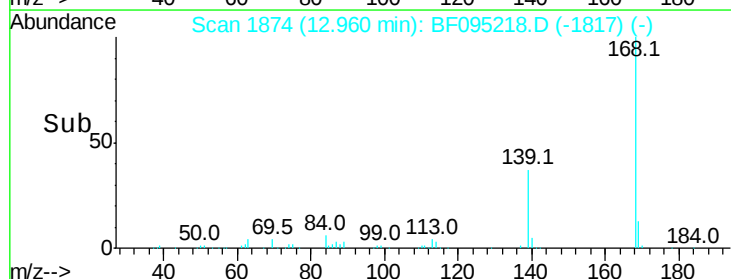
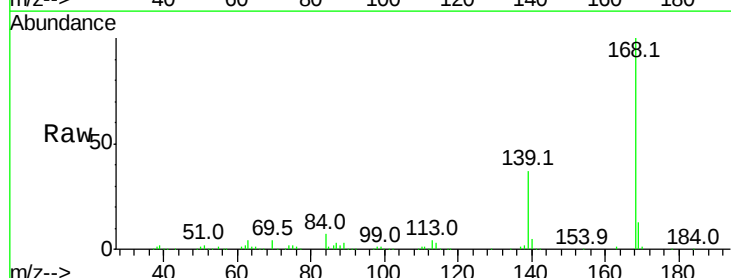
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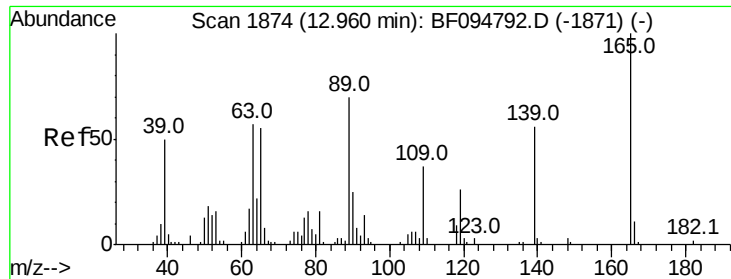
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#54
Dibenzofuran
Concen: 40.67 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion:168 Resp: 483279
Ion Ratio Lower Upper
168 100
139 36.8 30.6 45.8
169 13.1 10.8 16.2





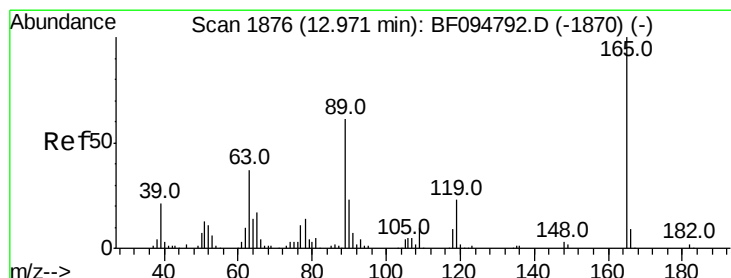
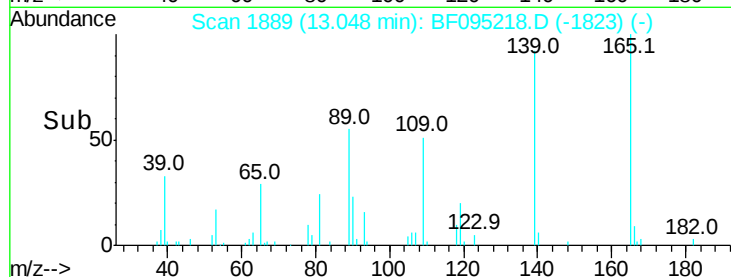
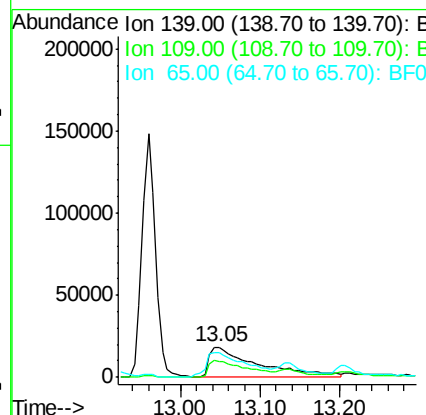
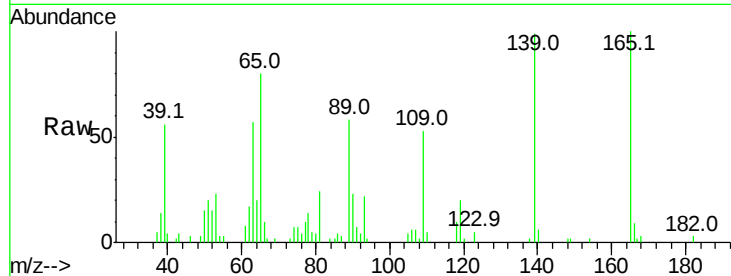
#55
4-Nitrophenol
Concen: 54.40 ng/mL
RT: 13.05 min Scan# 1889
Delta R.T. 0.09 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	52.8	34.1	74.1
65	80.2	31.4	71.4

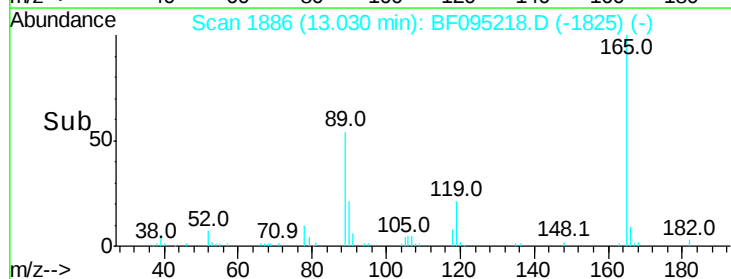
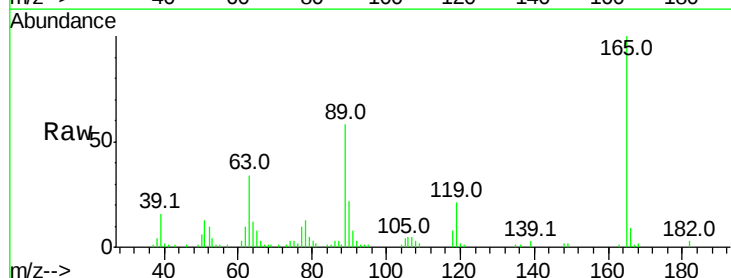
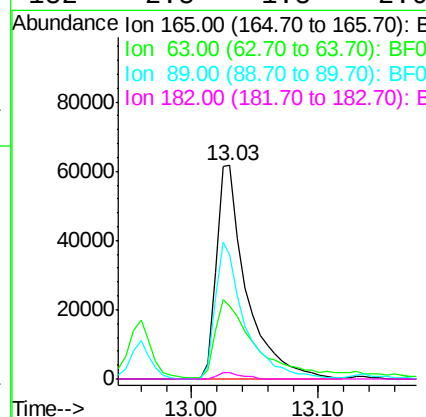
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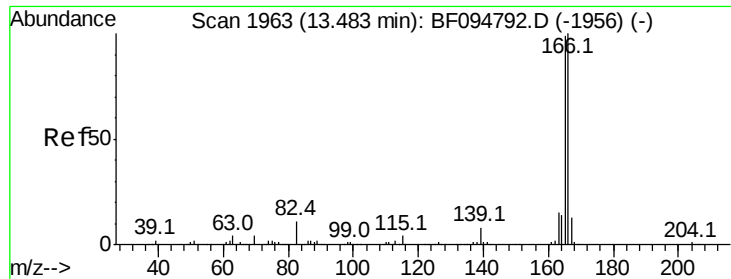
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#56
2,4-Dinitrotoluene
Concen: 35.48 ng/mL
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.4	25.4	38.0
89	58.2	46.4	69.6
182	2.8	1.8	2.6





#57

Fluorene

Concen: 35.79 ng

RT: 13.51 min Scan# 1968

Delta R.T. 0.03 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

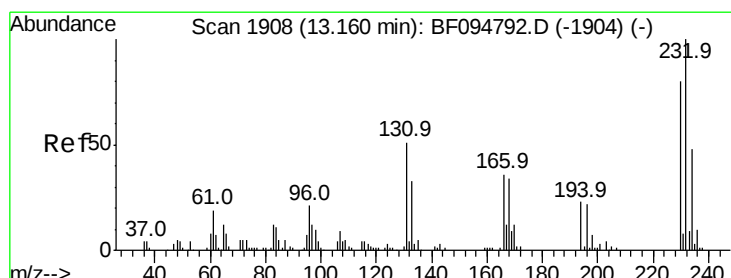
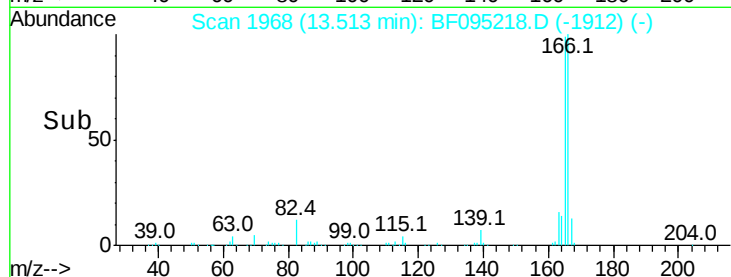
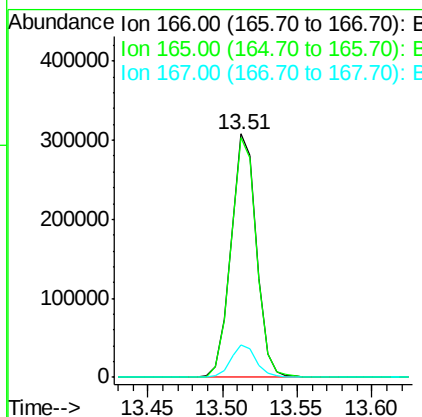
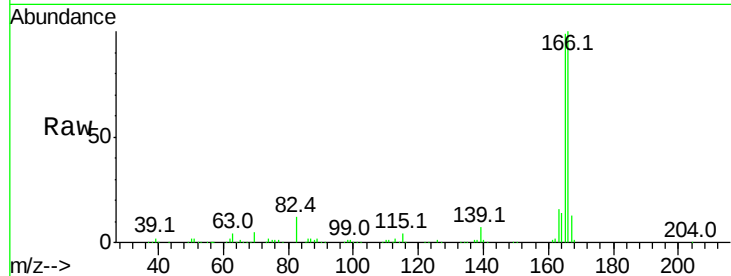
ClientSampleId :

051617-05MS

Tot Ion:	166	Resp:	369803
Ion Ratio	Lower	Upper	
166	100		
165	98.5	78.8	118.2
167	13.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.49 ng

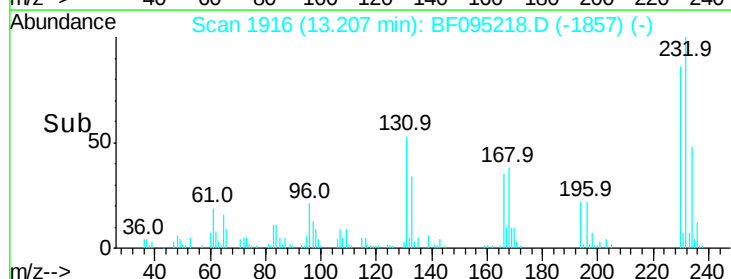
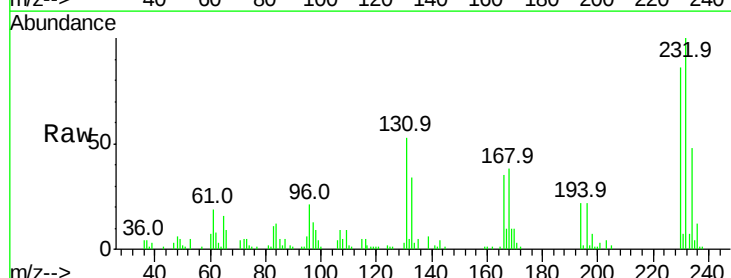
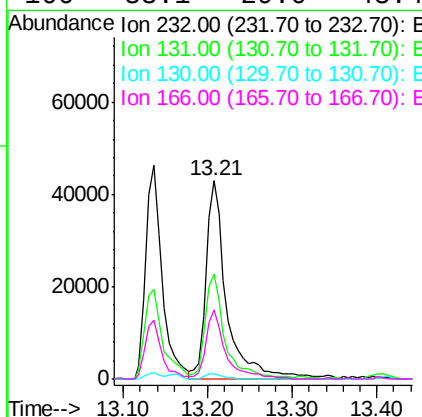
RT: 13.21 min Scan# 1916

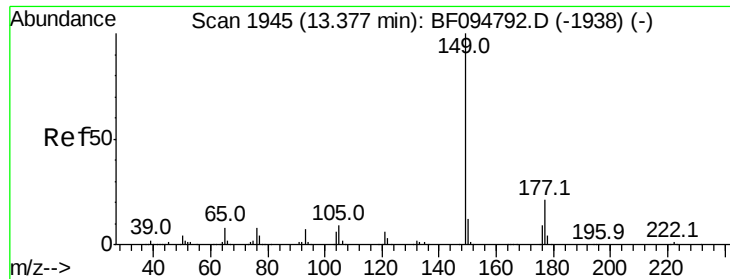
Delta R.T. 0.05 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion:	232	Resp:	74054
Ion Ratio	Lower	Upper	
232	100		
131	51.9	44.8	67.2
130	2.3	2.3	3.5
166	33.1	29.0	43.4





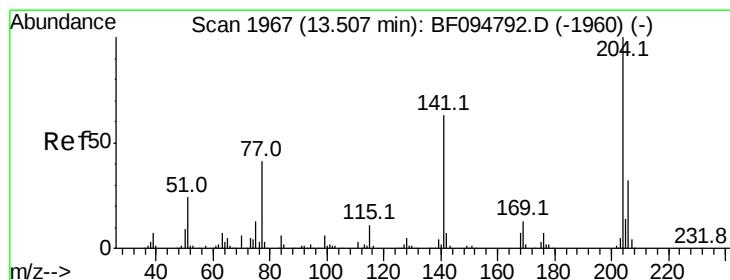
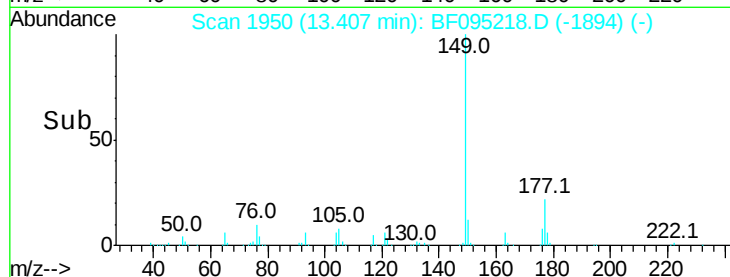
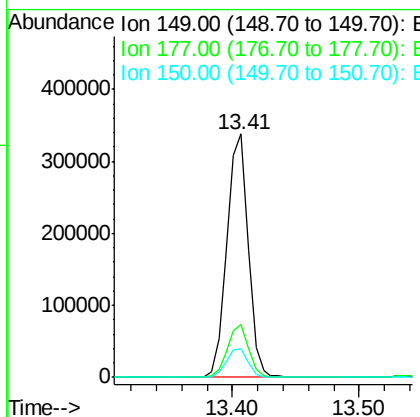
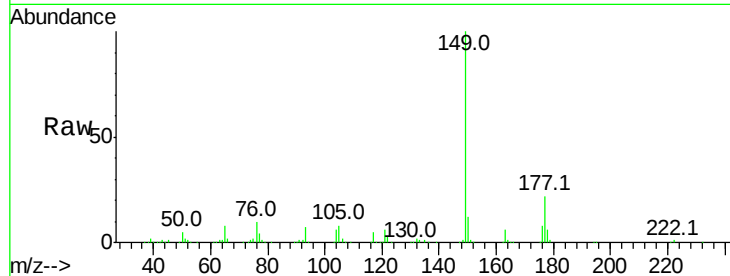
#59
Diethylphthalate
Concen: 36.90 ng
RT: 13.41 min Scan# 1950
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	392059		
177	21.6	16.7	25.1	
150	11.7	10.2	15.2	

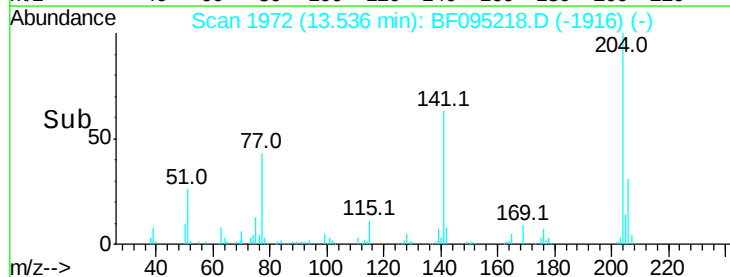
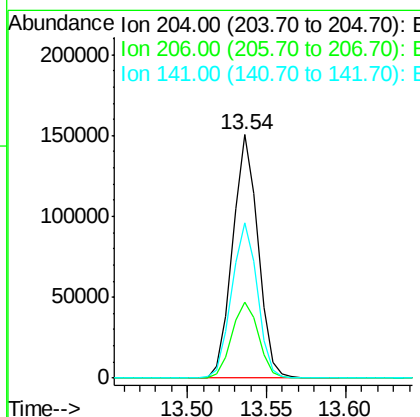
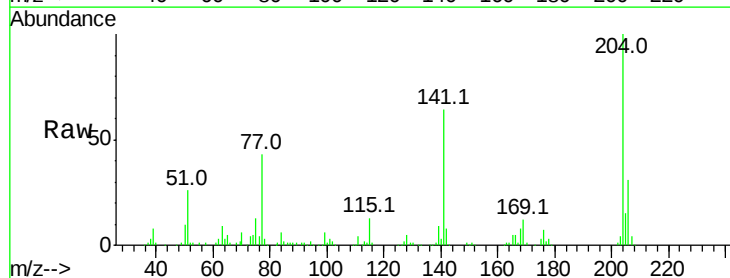
Manual Integrations
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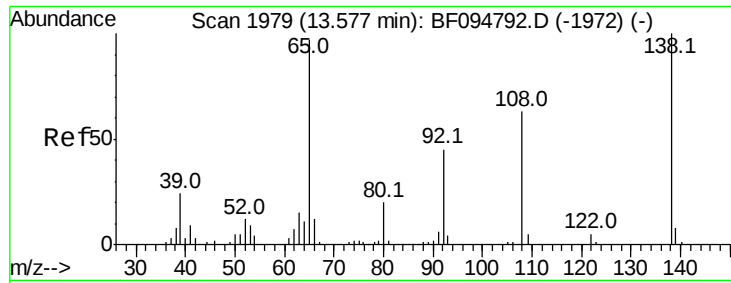
mohammad
5/18/2017 2:30:06 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.79 ng
RT: 13.54 min Scan# 1972
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	167062		
206	31.4	26.2	39.2	
141	64.0	60.8	91.2	





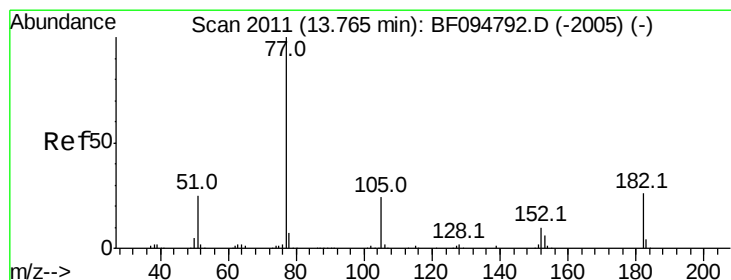
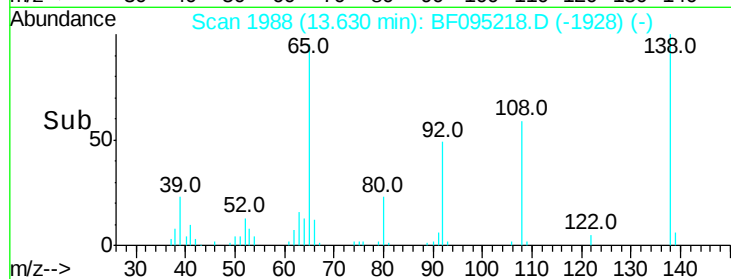
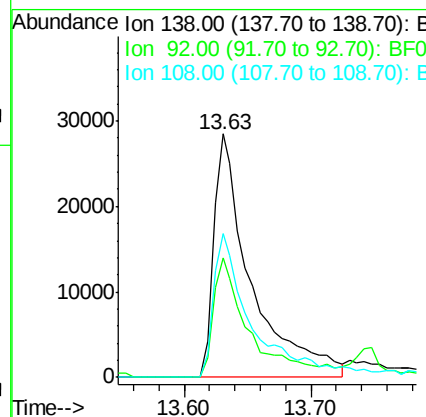
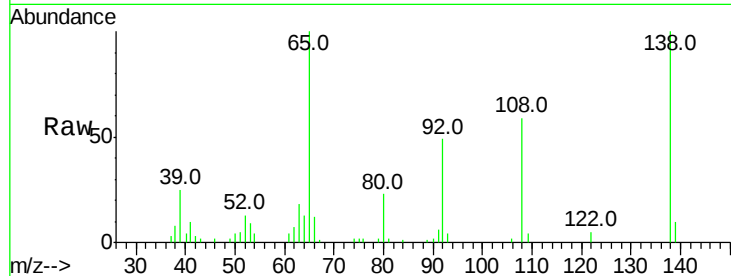
#61
4-Nitroaniline
Concen: 26.21 ng
RT: 13.63 min Scan# 1988
Delta R.T. 0.05 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.2	21.8	61.8
108	59.2	42.3	82.3

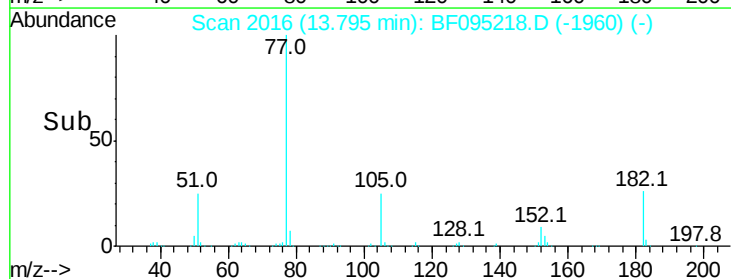
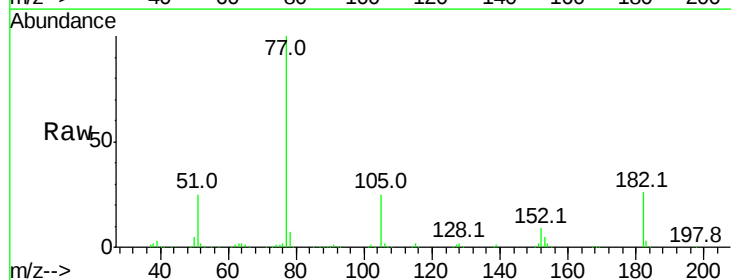
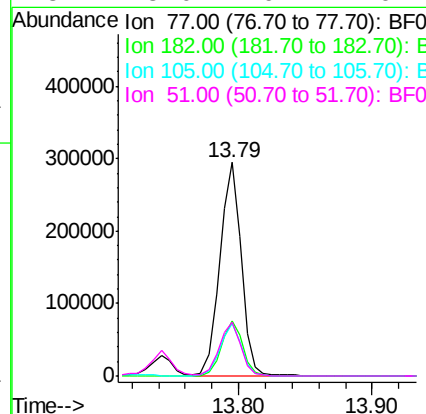
Manual Integrations
APPROVED

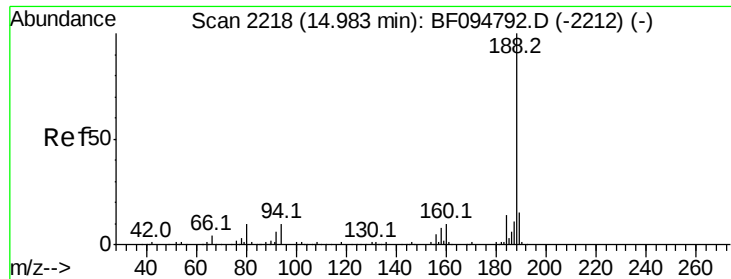
mohammad
5/18/2017 2:30:06 PM



#62
Azobenzene
Concen: 39.11 ng
RT: 13.79 min Scan# 2016
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.9	0.1	40.1
105	24.8	3.6	43.6
51	25.0	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: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

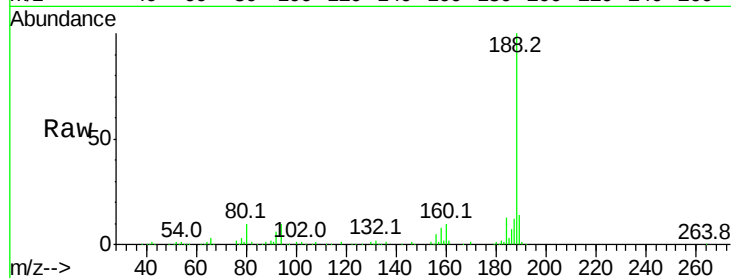
ClientSampleId :

051617-05MS

Tot Ion:	188	Resp:	181521
Ion Ratio	Lower	Upper	
188	100		
94	10.3	9.4	14.2
80	10.5	10.2	15.2

Manual Integrations
APPROVED

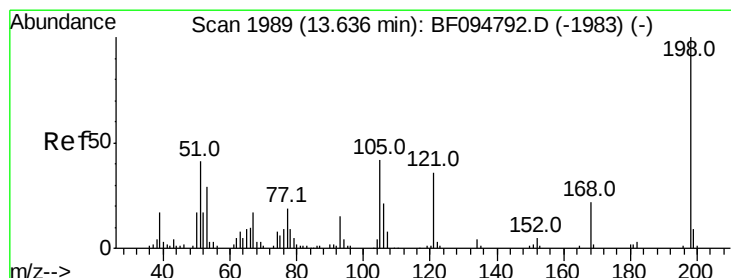
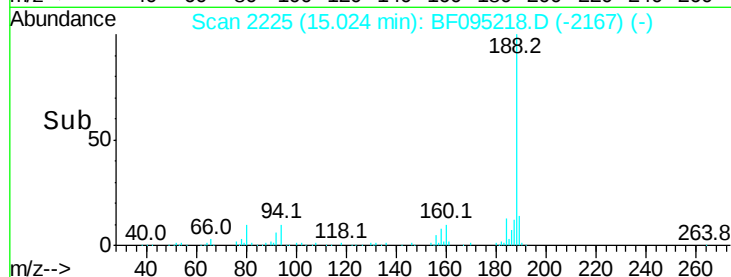
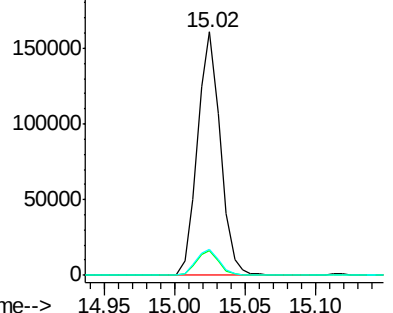
mohammad
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 8.77 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.08 min

Lab File: BF095218.D

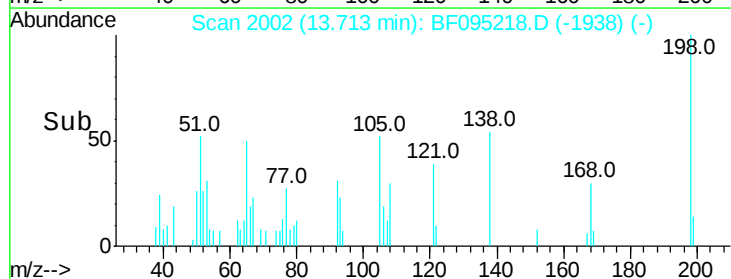
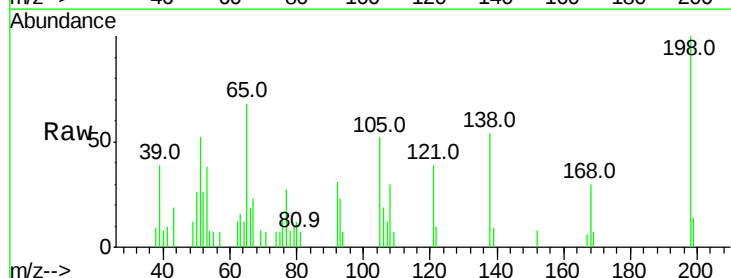
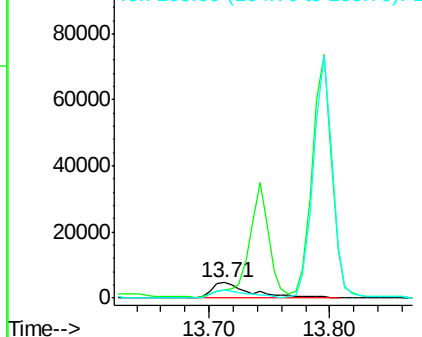
Acq: 18 May 2017 10:48

Tgt Ion:	198	Resp:	10668
Ion Ratio	Lower	Upper	
198	100		
51	51.9	53.2	93.2#
105	52.3	45.8	85.8

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





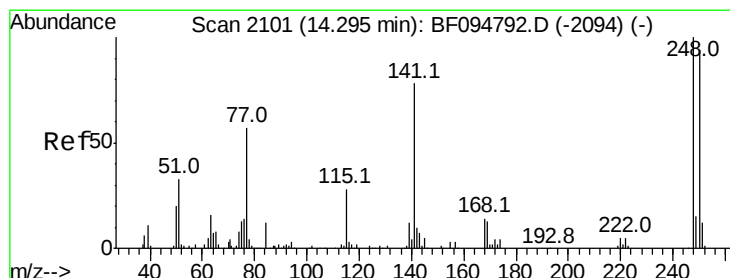
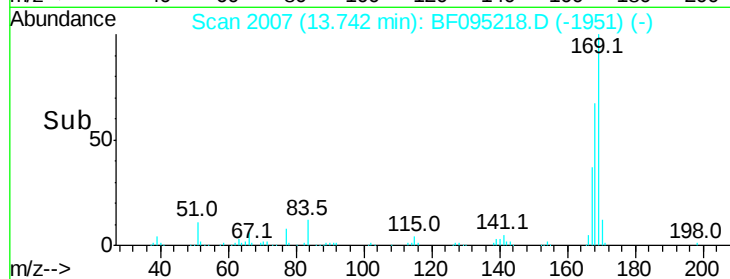
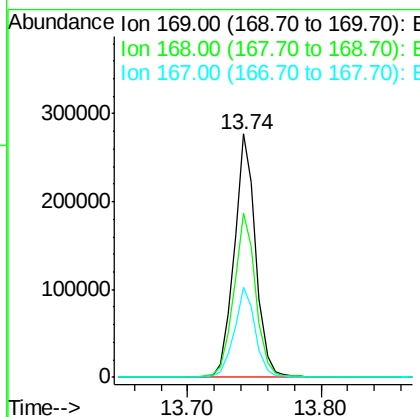
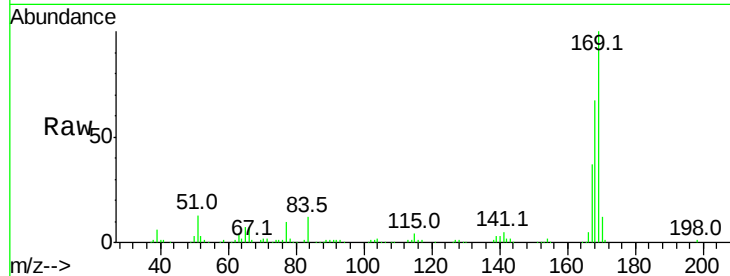
#65
n-Nitrosodiphenylamine
Concen: 47.22 ng
RT: 13.74 min Scan# 2007
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.3	53.2	79.8	
167	36.9	29.5	44.3	

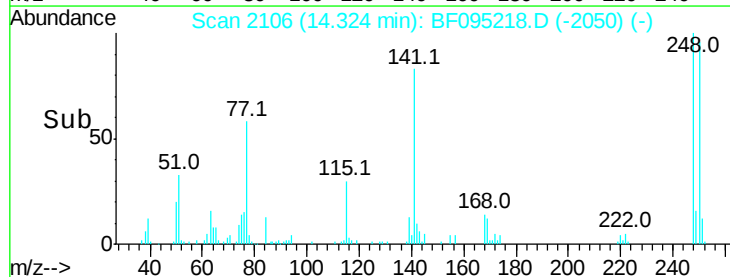
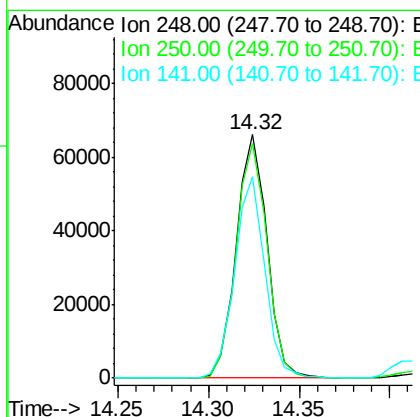
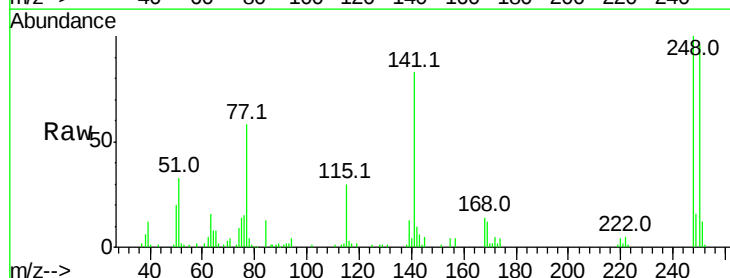
Manual Integrations
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#66
4-Bromophenyl-phenylether
Concen: 40.76 ng
RT: 14.32 min Scan# 2106
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.2	76.8	115.2	
141	82.7	68.6	103.0	





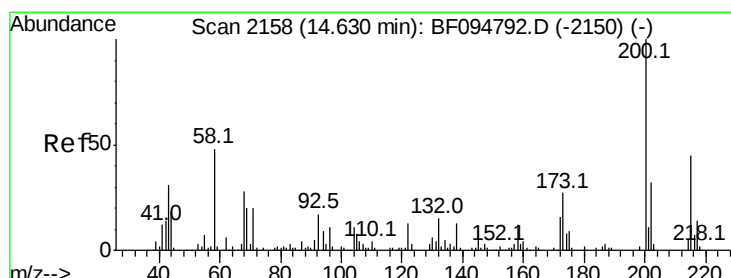
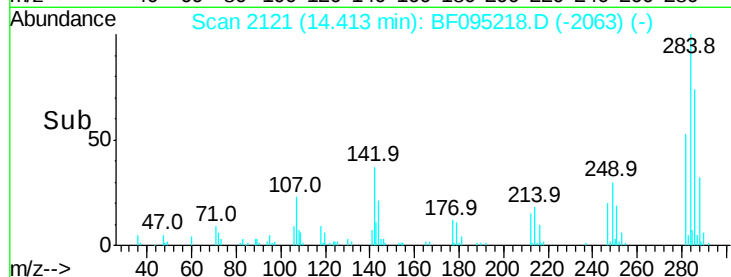
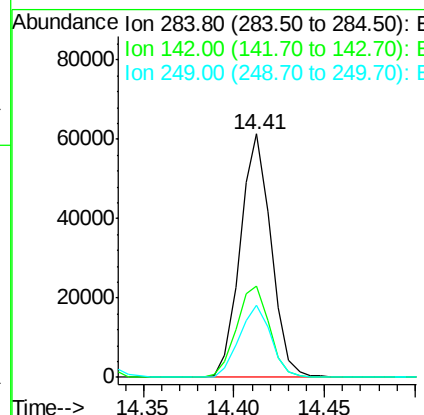
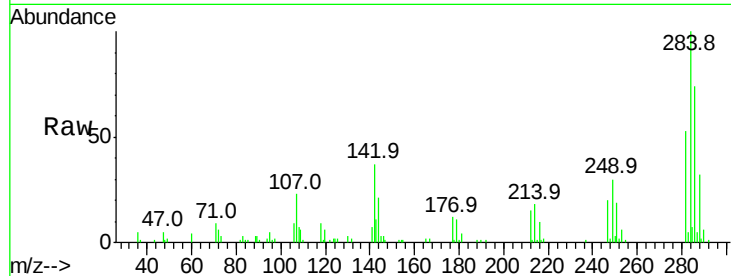
#67
Hexachlorobenzene
Concen: 36.87 ng
RT: 14.41 min Scan# 2121
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.5	22.8	34.2#	
249	29.7	24.0	36.0	

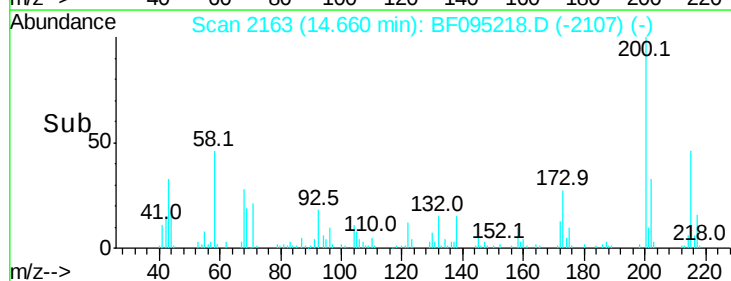
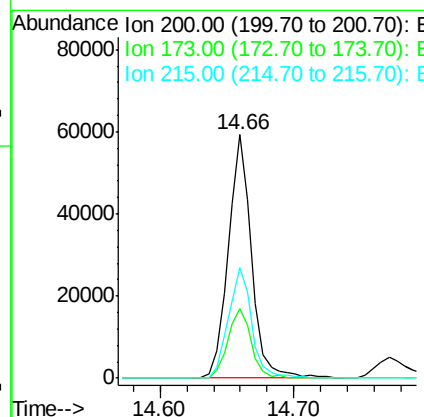
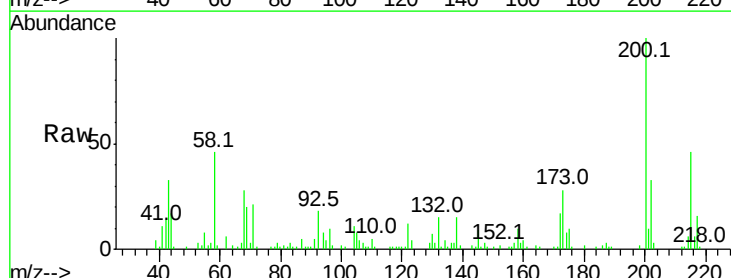
Manual Integrations
APPROVED

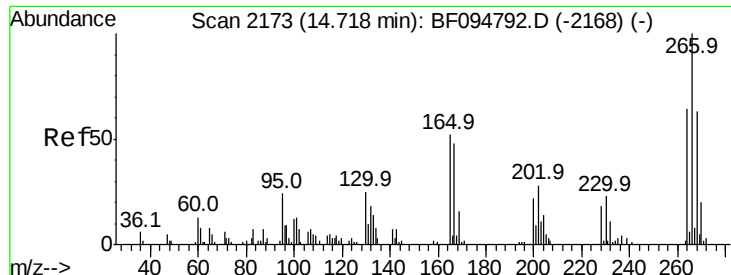
mohammad
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#68
Atrazine
Concen: 39.04 ng
RT: 14.66 min Scan# 2163
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.4	6.3	46.3	
215	45.6	27.2	67.2	





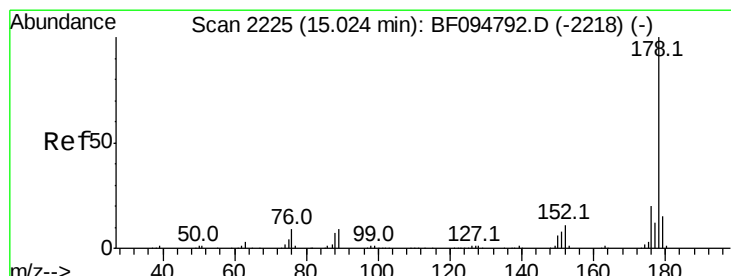
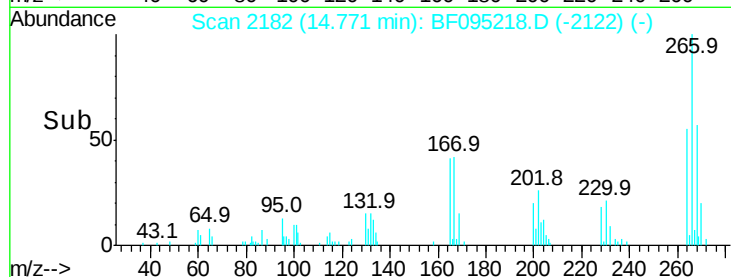
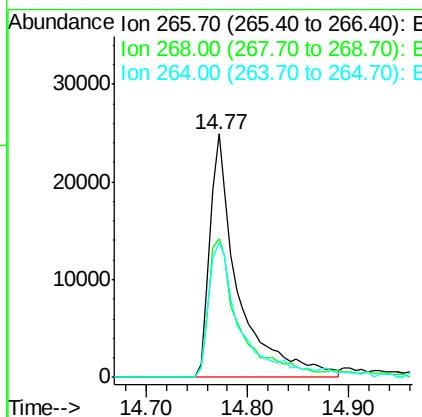
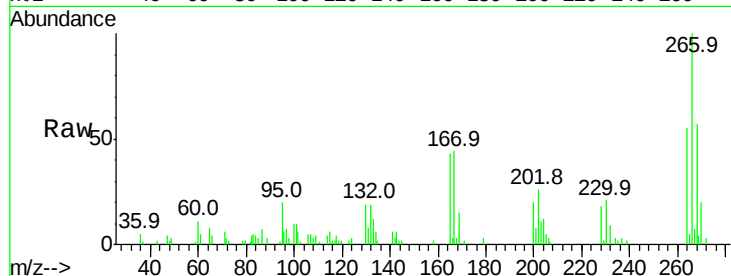
#69
 Pentachlorophenol
 Concen: 56.32 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	57.1	51.1	76.7
264	55.2	51.7	77.5

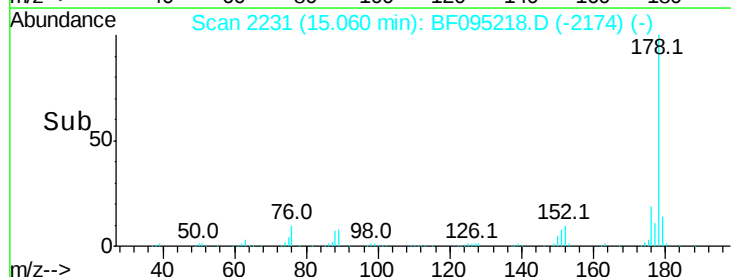
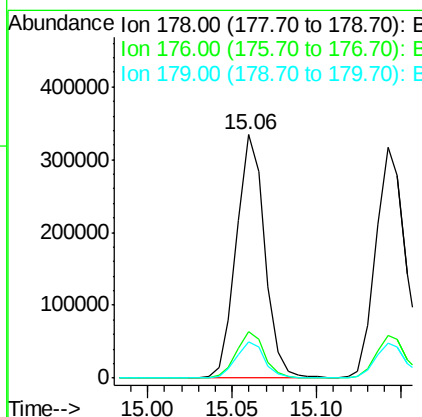
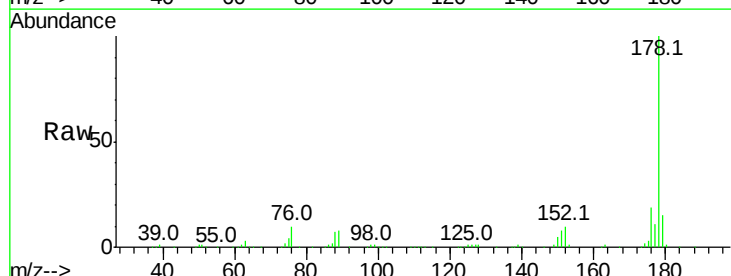
Manual Integrations
 APPROVED

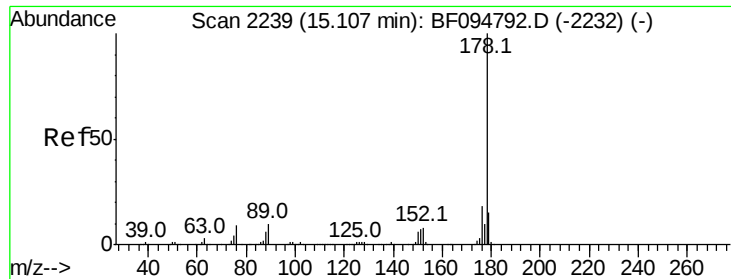
mohammad
 5/18/2017 2:30:06 PM



#70
 Phenanthrene
 Concen: 37.69 ng
 RT: 15.06 min Scan# 2231
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	14.8	12.6	19.0





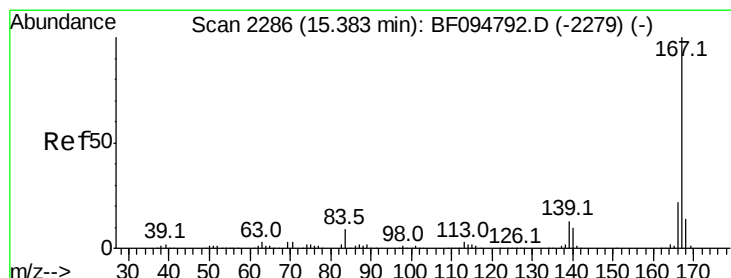
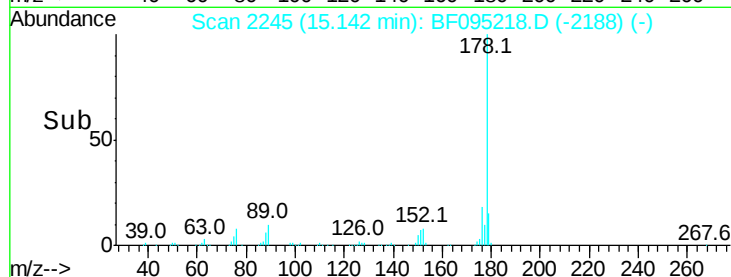
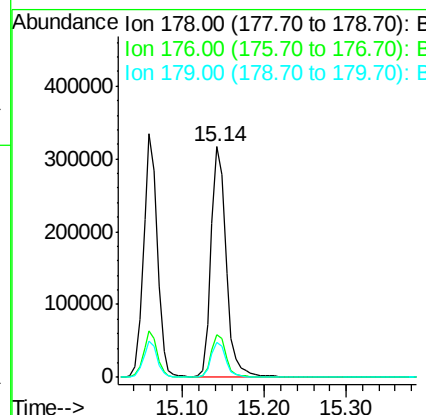
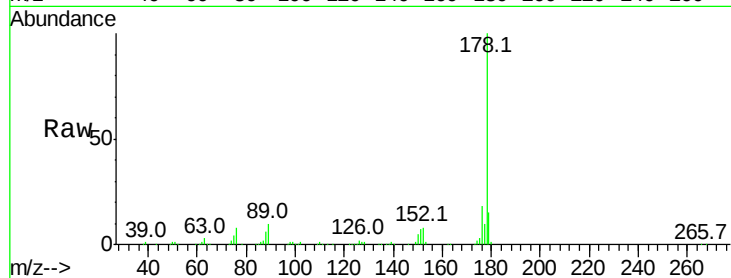
#71
 Anthracene
 Concen: 38.50 ng
 RT: 15.14 min Scan# 2245
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	15.4	12.7	19.1

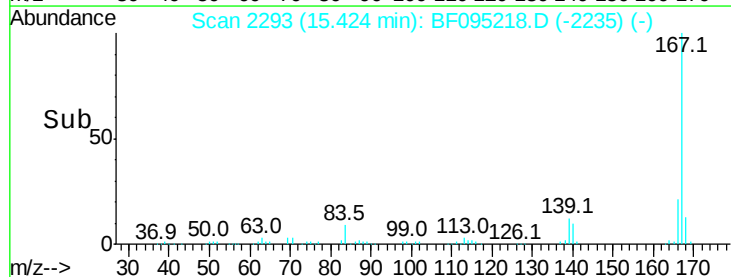
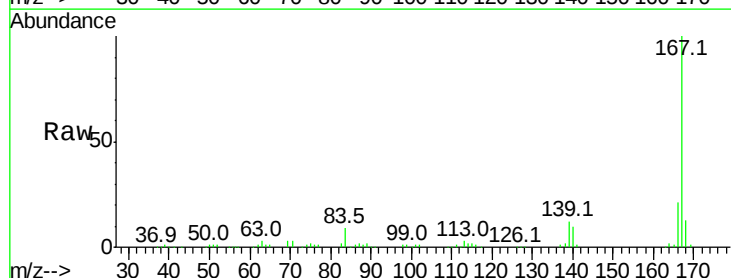
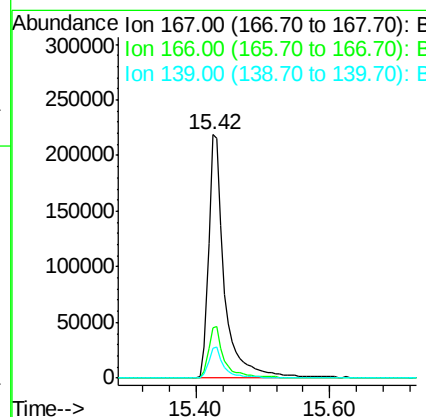
Manual Integrations
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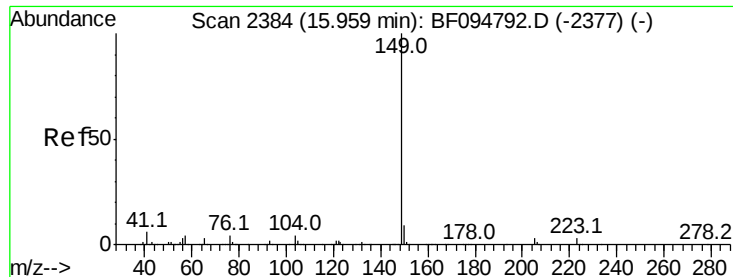
mohammad
 5/18/2017 2:30:06 PM



#72
 Carbazole
 Concen: 37.28 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	18.1	27.1
139	12.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.40 ng

RT: 15.98 min Scan# 2388

Delta R.T. 0.02 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

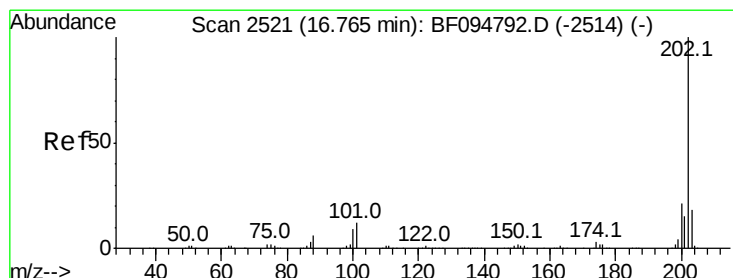
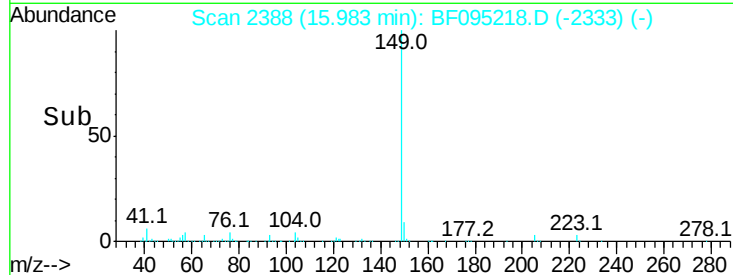
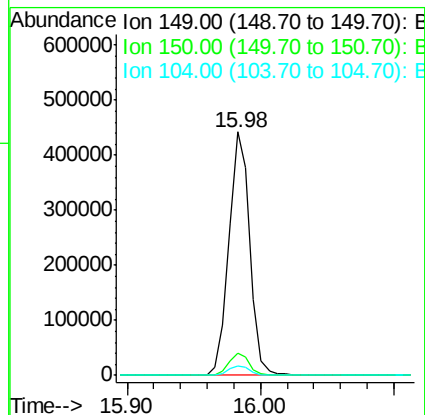
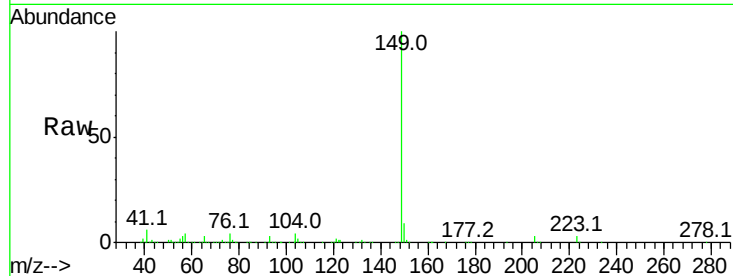
ClientSampleId :

051617-05MS

Tot Ion:	149	Resp:	488341
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.1	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 41.58 ng

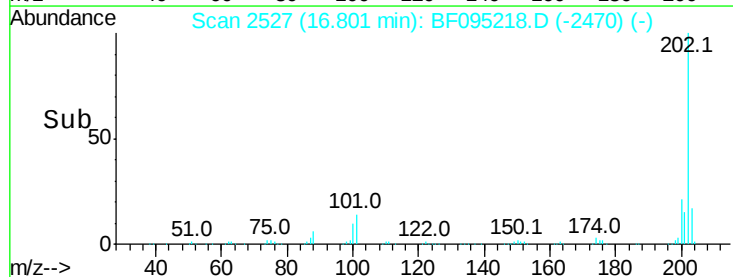
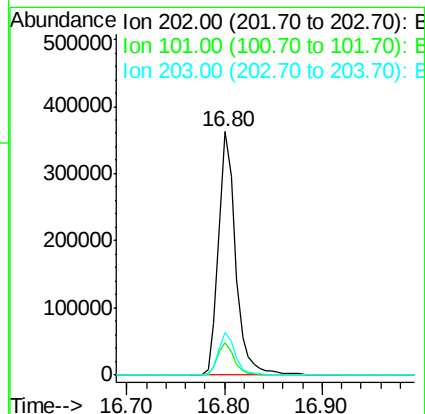
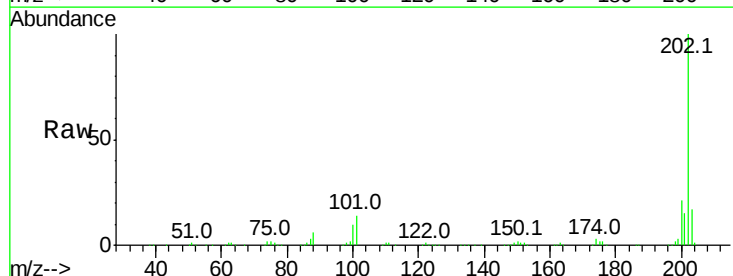
RT: 16.80 min Scan# 2527

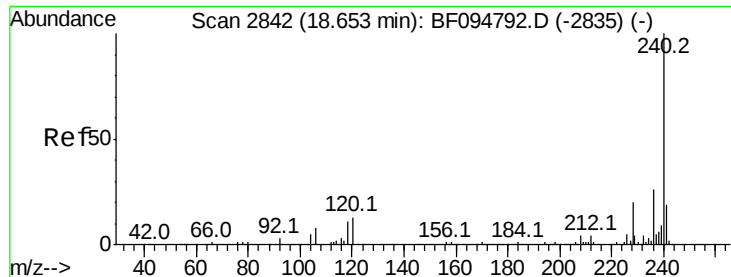
Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion:	202	Resp:	444806
Ion Ratio	Lower	Upper	
202	100		
101	13.5	0.0	33.2
203	17.4	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: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

051617-05MS

Tot Ion:240 Resp: 186099

Ion Ratio Lower Upper

240 100

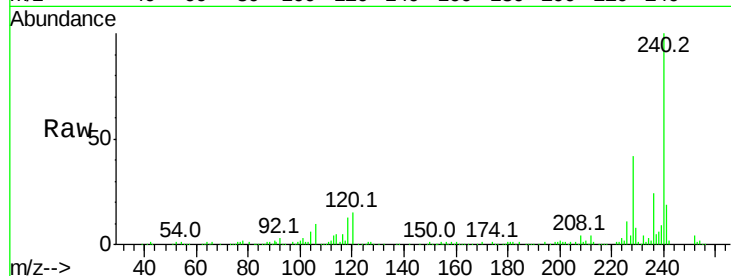
120 14.5 5.8 8.8#

236 24.5 20.5 30.7

Manual Integrations
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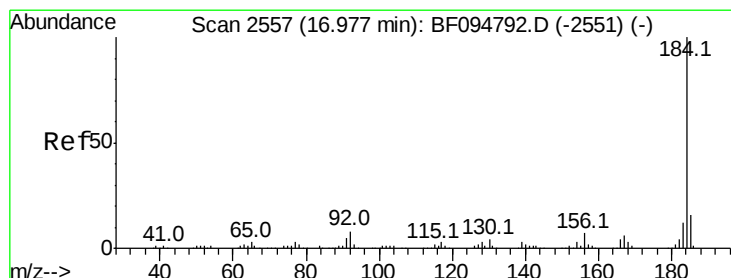
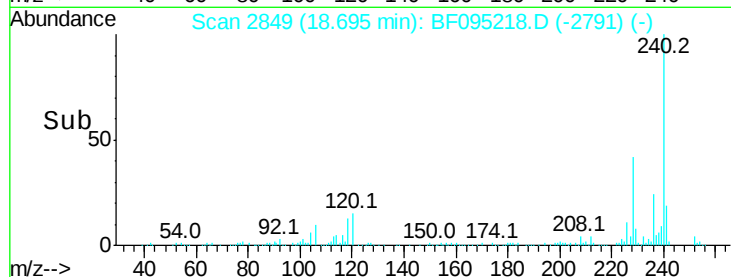
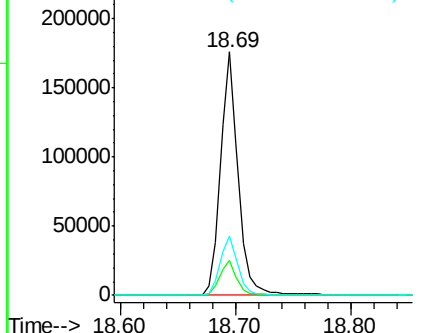
5/18/2017 2:30:06 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.59 ng

RT: 17.03 min Scan# 2566

Delta R.T. 0.05 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

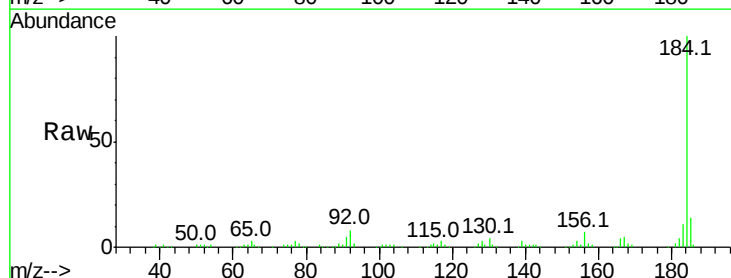
Tgt Ion:184 Resp: 250866

Ion Ratio Lower Upper

184 100

185 13.5 15.5 23.3#

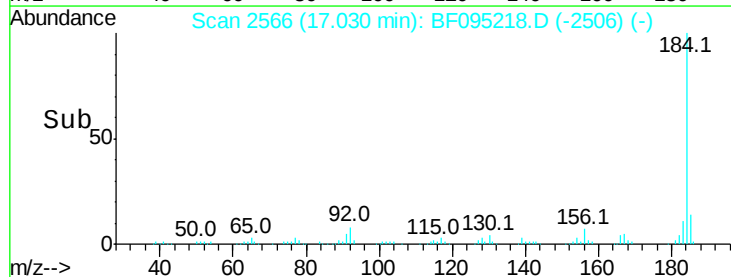
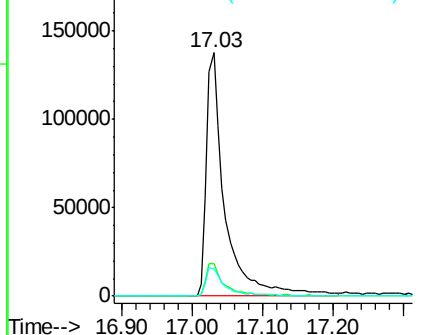
183 11.4 9.8 14.6

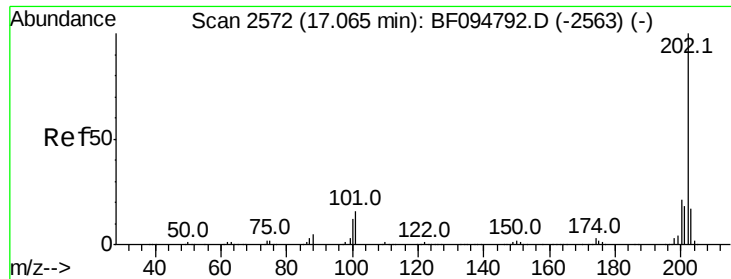


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





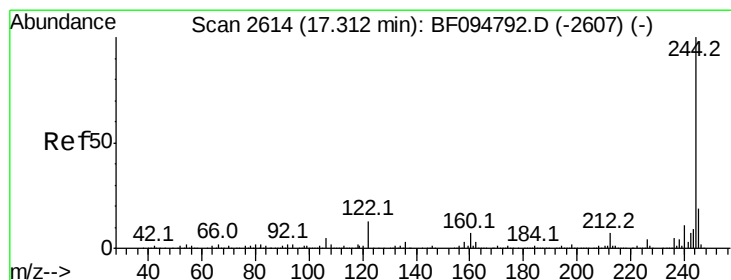
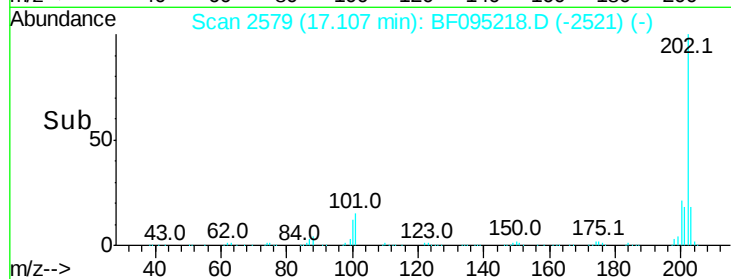
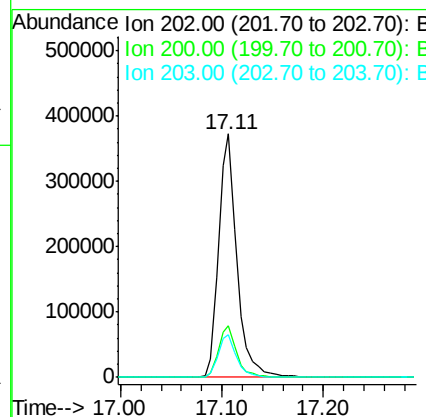
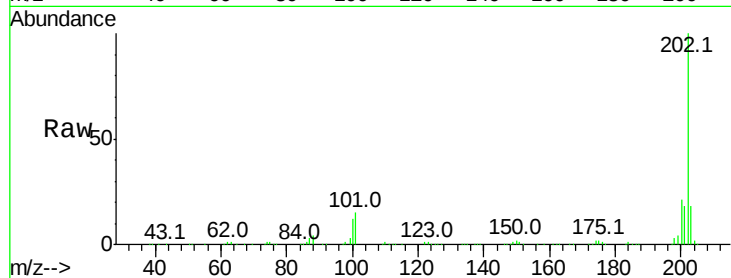
#77
Pvrene
Concen: 33.52 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.6	14.4	21.6

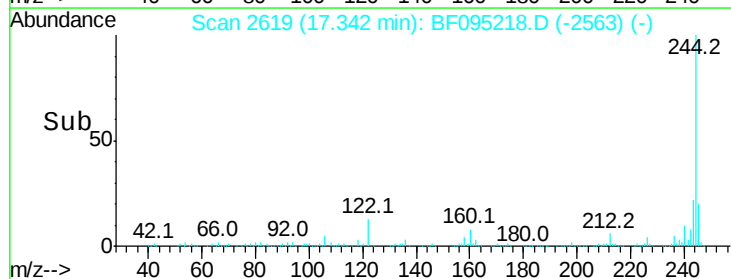
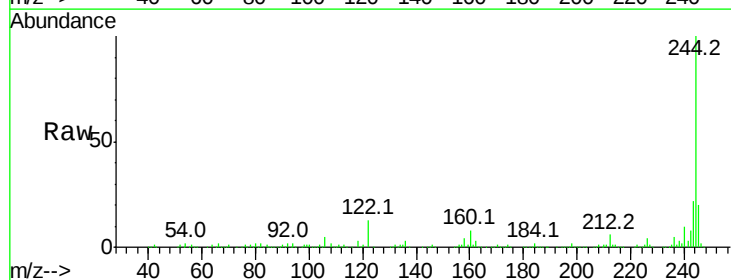
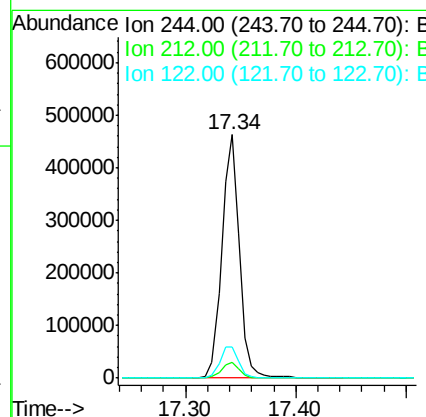
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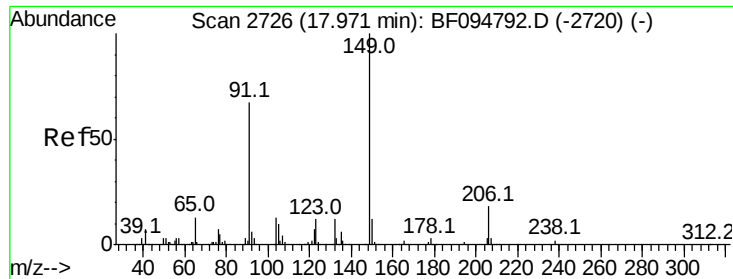
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#78
Terphenyl-d14
Concen: 60.26 ng
RT: 17.34 min Scan# 2619
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.4	6.0	9.0
122	13.1	10.3	15.5





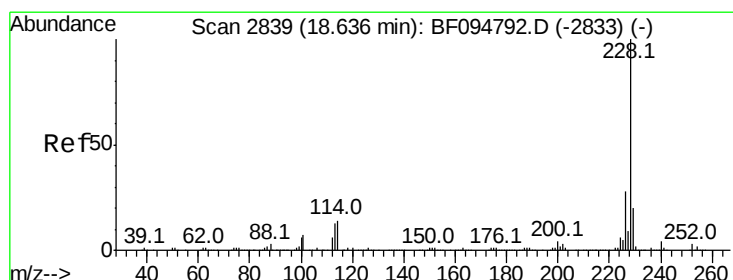
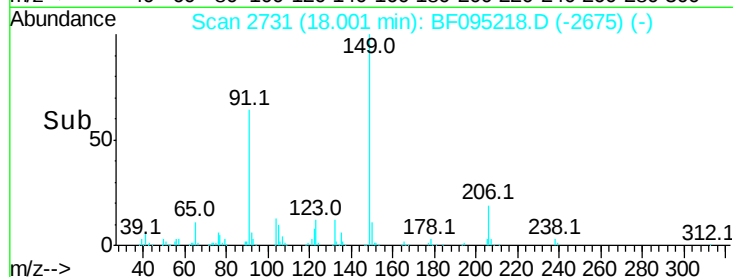
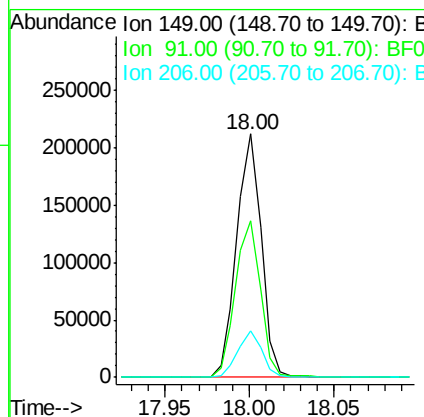
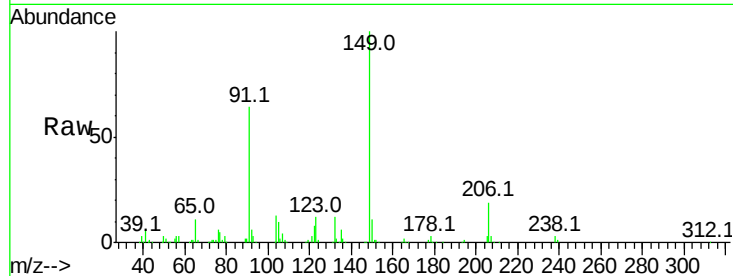
#79
Butylbenzylphthalate
Concen: 33.41 ng
RT: 18.00 min Scan# 2731
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	216271		
91	64.5	45.0	67.4	
206	18.9	17.0	25.6	

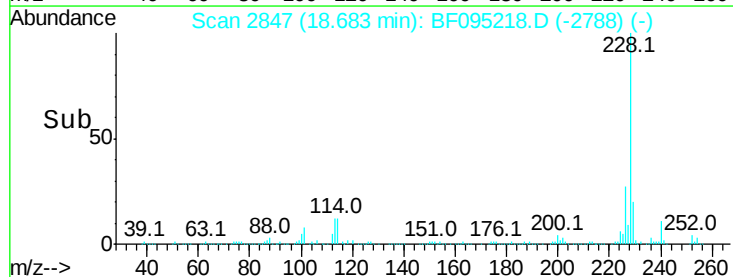
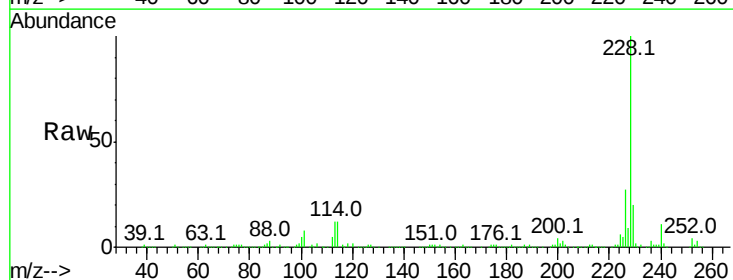
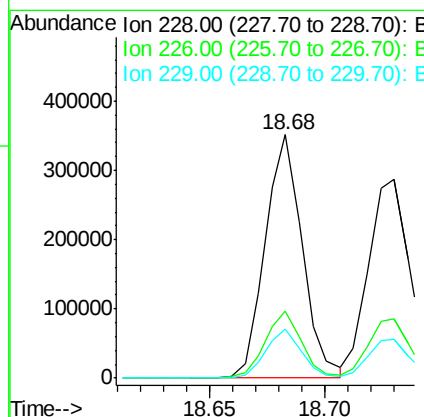
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#80
Benzo(a)anthracene
Concen: 36.35 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	393735		
226	27.4	22.6	33.8	
229	20.0	16.3	24.5	





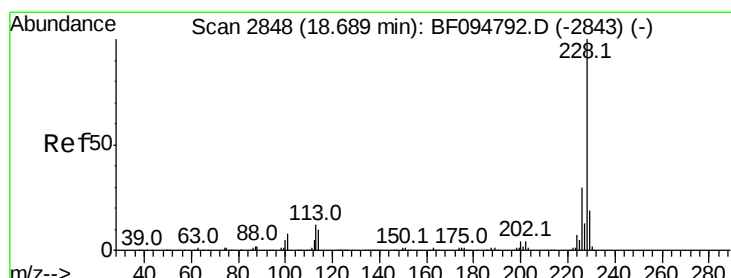
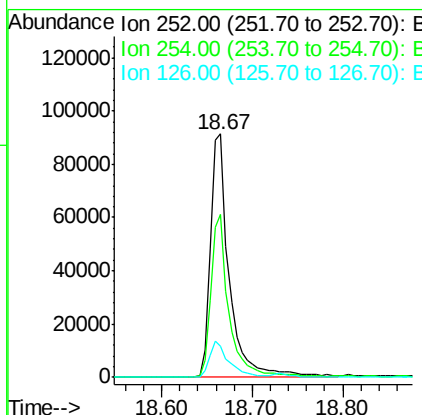
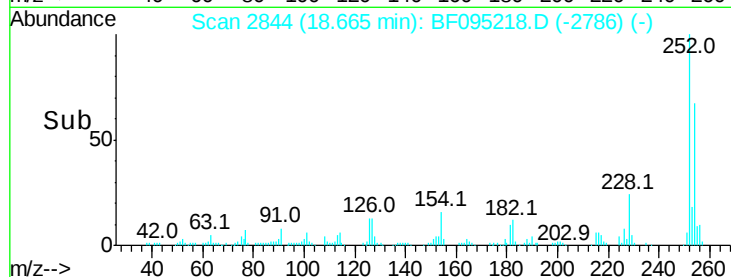
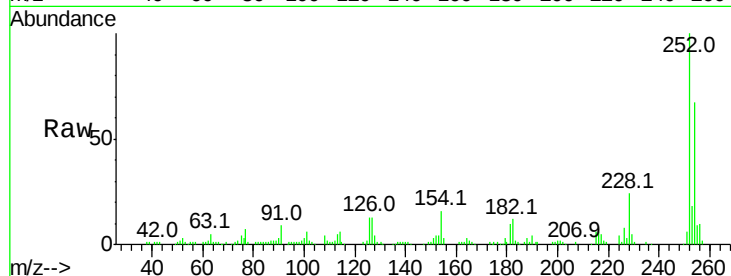
#81
 3,3'-Dichlorobenzidine
 Concen: 35.91 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	134334		
254	66.9	51.5	77.3	
126	12.5	15.8	23.8	

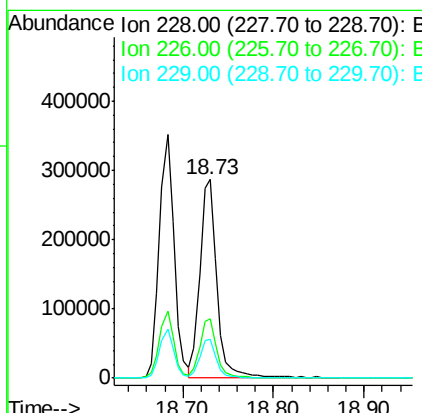
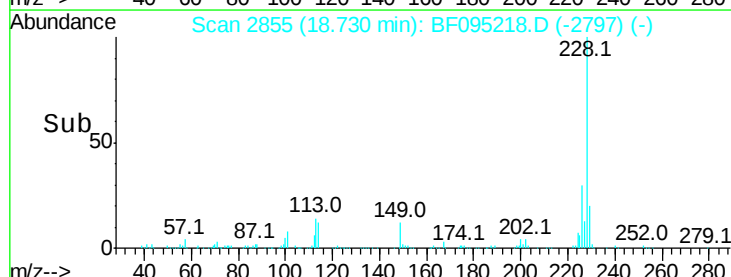
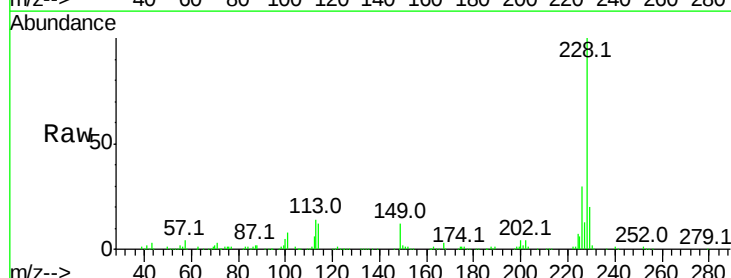
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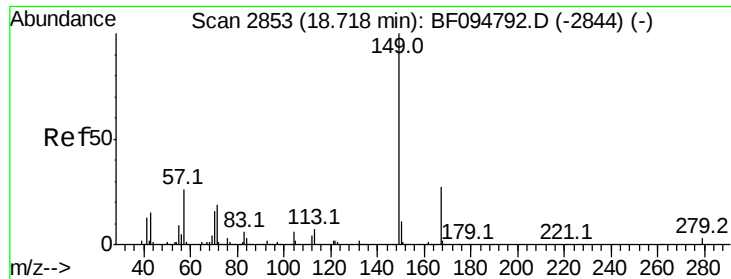
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#82
 Chrysene
 Concen: 35.93 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	376256		
226	30.1	24.9	37.3	
229	19.5	15.8	23.6	





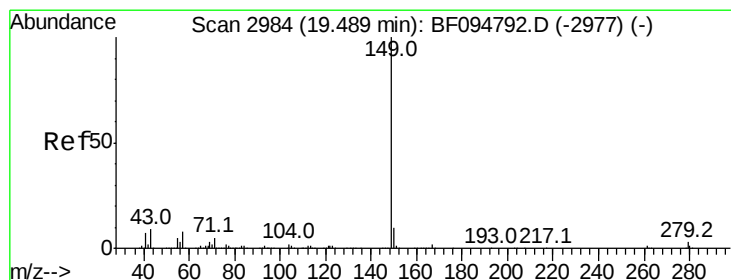
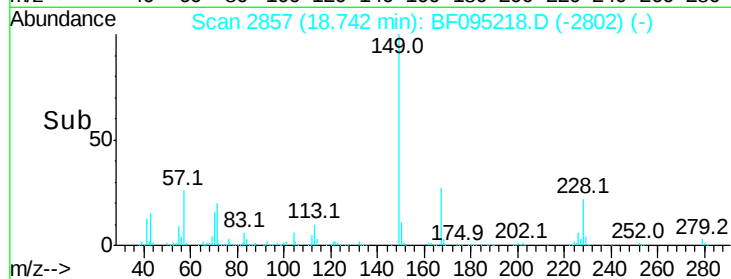
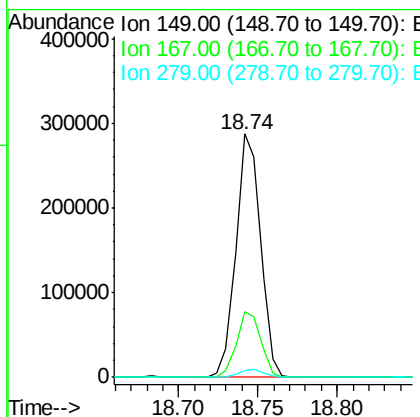
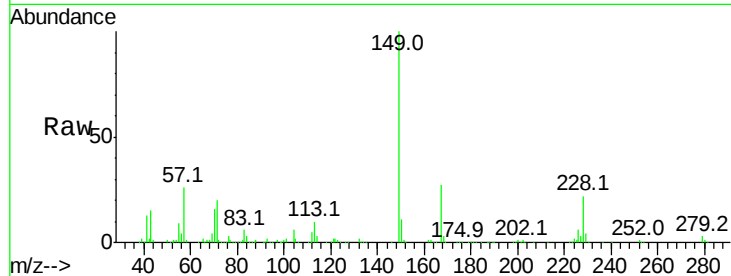
#83
Bis(2-ethylhexyl)phthalate
Concen: 33.52 ng
RT: 18.74 min Scan# 2857
Delta R.T. 0.02 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	27.0	21.0	31.4
279	2.9	1.9	2.9#

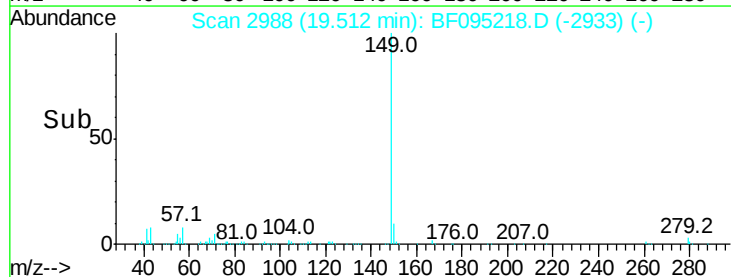
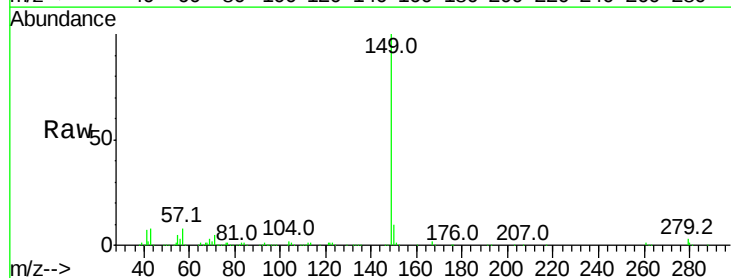
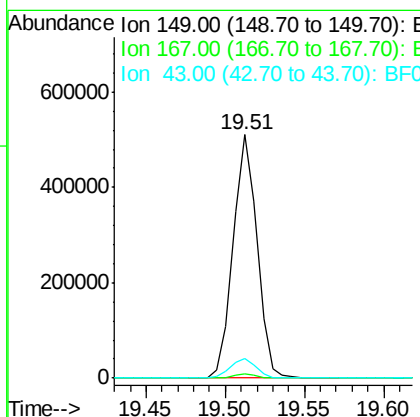
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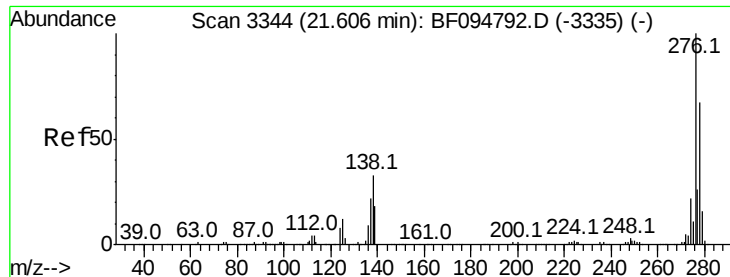
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#84
Di-n-octyl phthalate
Concen: 35.31 ng
RT: 19.51 min Scan# 2988
Delta R.T. 0.02 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	8.5	12.7





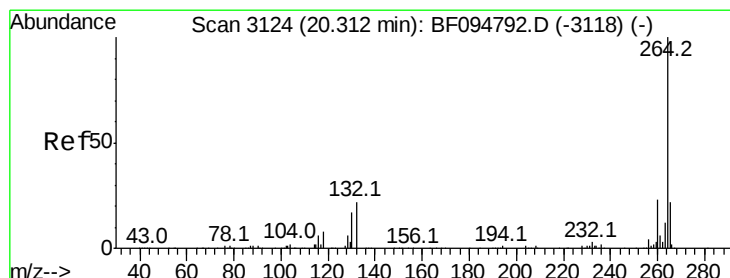
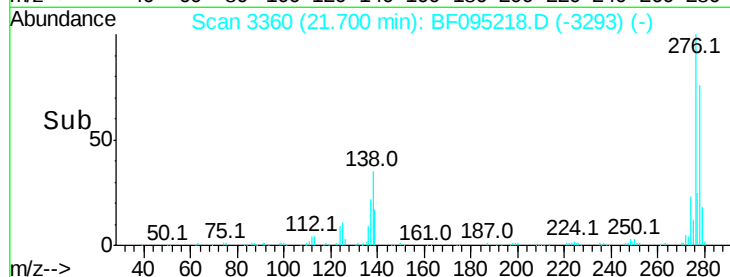
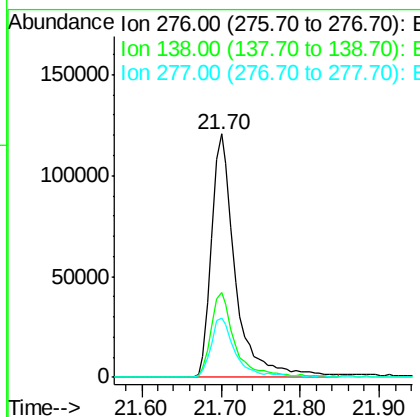
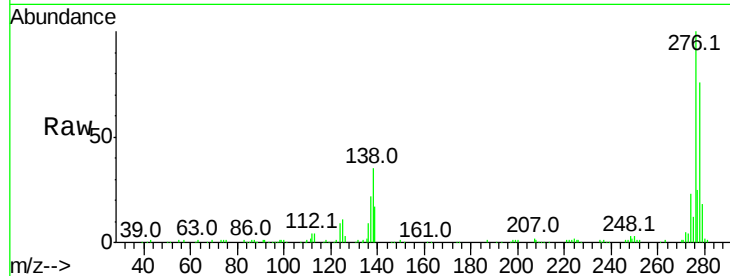
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.76 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.09 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	24.8	20.2	30.4

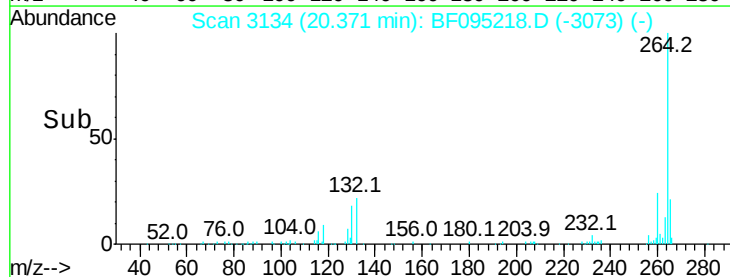
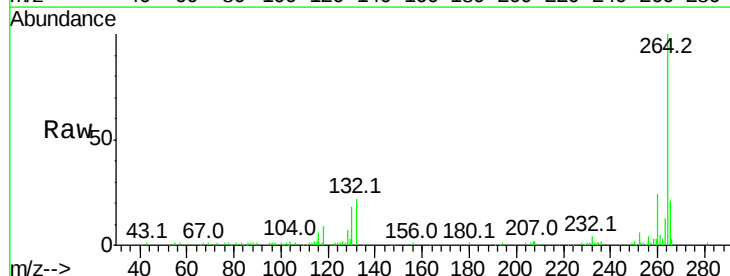
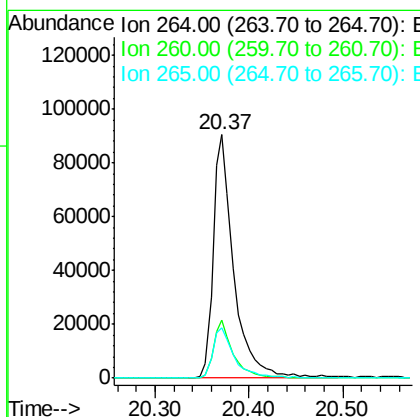
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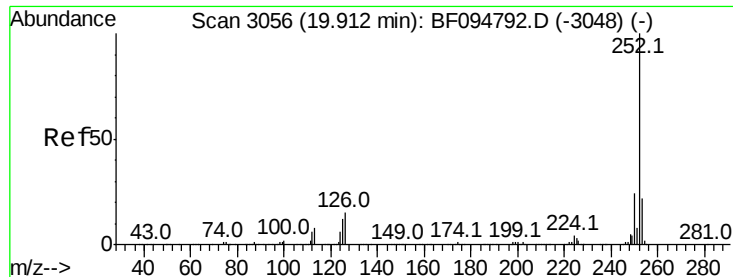
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 34.73 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.05 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

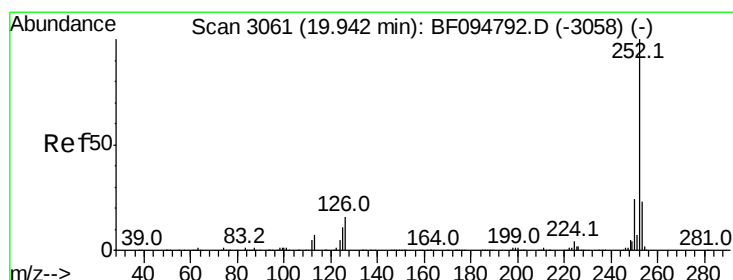
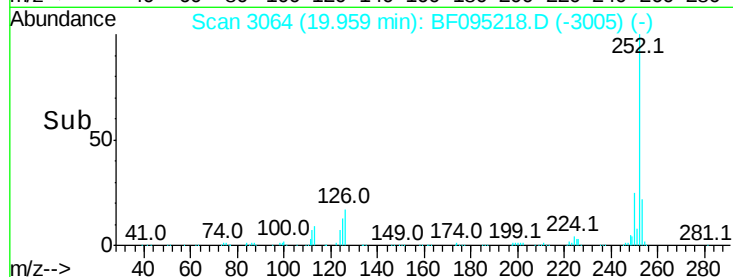
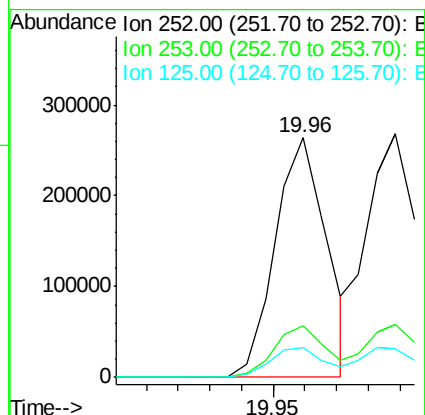
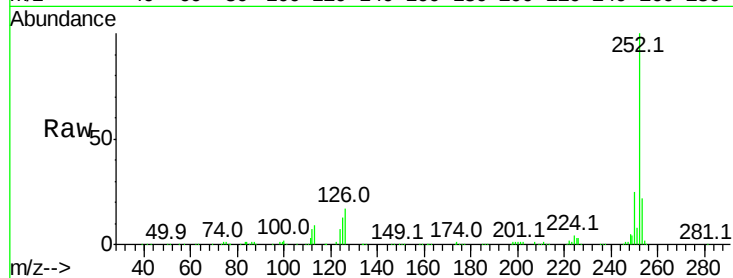
ClientSampleId :

051617-05MS

Tot Ion:	252	Resp:	298427
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.1	27.1
125	12.6	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 42.09 ng

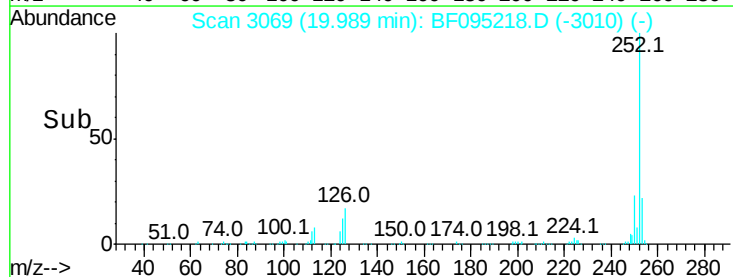
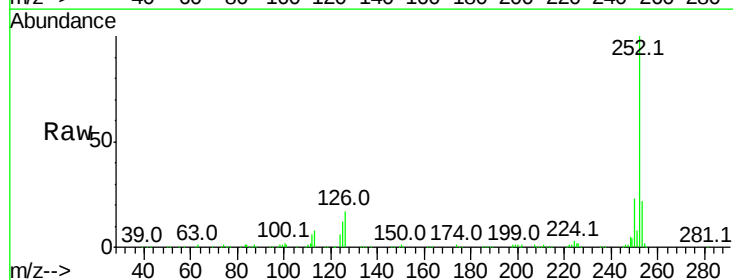
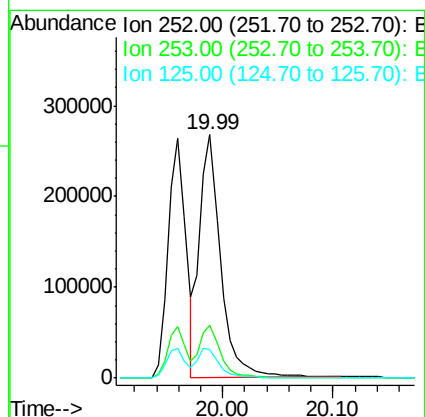
RT: 19.99 min Scan# 3069

Delta R.T. 0.05 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion:	252	Resp:	348902
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.4	27.6
125	11.8	13.1	19.7#





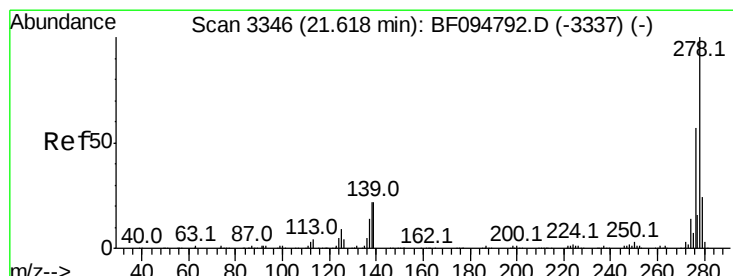
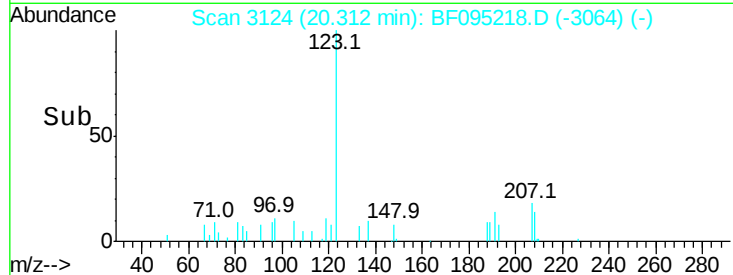
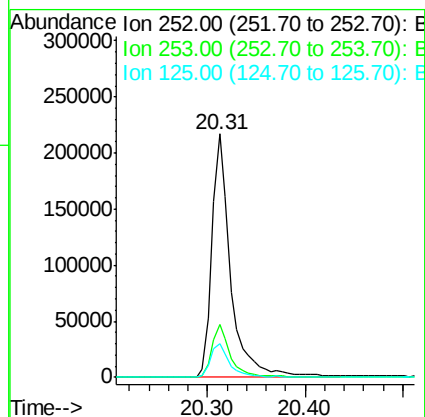
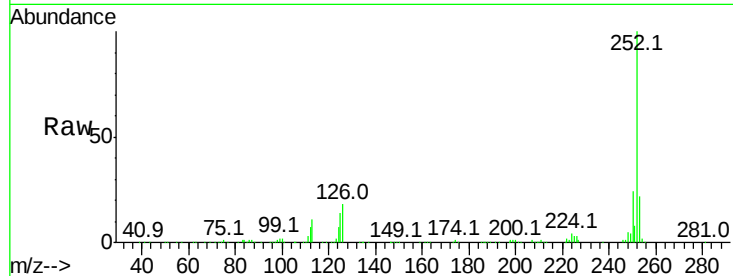
#89
Benzo(a)pyrene
Concen: 36.34 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :
051617-05MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	14.0	11.0	16.4

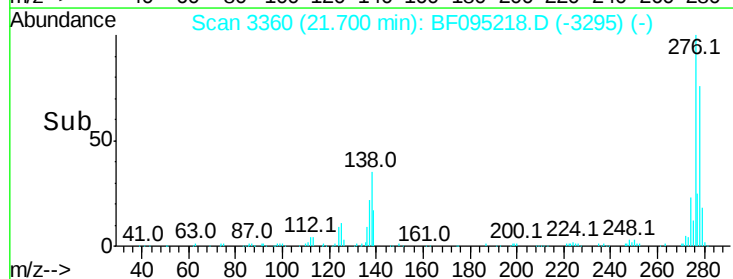
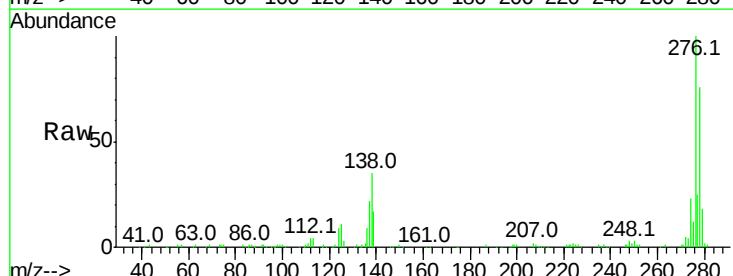
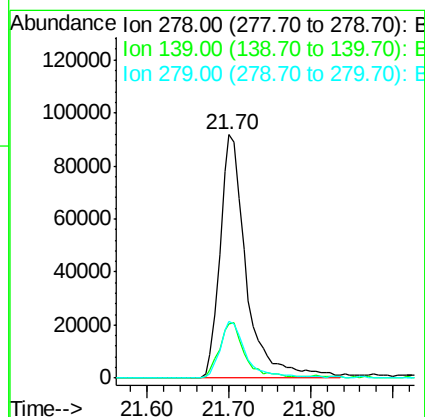
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#90
Dibenzo(a,h)anthracene
Concen: 31.54 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	23.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 32.68 ng
 RT: 22.09 min Scan# 3426
 Delta R.T. 0.11 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	31.6	25.4	38.0

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