

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095219.D
 Acq On : 18 May 2017 11:20
 Operator : SJ/MA
 Sample : I3192-05MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MSD

Manual Integrations
 APPROVED

mohammad
 5/18/2017 2:30:09 PM

Quant Time: May 18 13:00:11 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	86261	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	290385	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	121704	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	189182	20.00	ng	0.04
75) Chrysene-d12	18.69	240	189765	20.00	ng	0.04
86) Perylene-d12	20.37	264	138251	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	518742	100.26	ng	0.07
7) Phenol-d6	7.32	99	698987	112.60	ng	0.04
23) Nitrobenzene-d5	8.67	82	429030	93.17	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	102962	103.30	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	667846	78.98	ng	0.03
78) Terphenyl-d14	17.34	244	539093	62.57	ng	0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	77521	30.55	ng	96
3) Pyridine	2.98	79	178376m	30.33	ng	
4) n-Nitrosodimethylamine	2.91	42	73608m	30.03	ng	
6) Aniline	7.28	93	246079	31.40	ng	93
8) 2-Chlorophenol	7.47	128	207251	35.19	ng	96
9) Benzaldehyde	7.11	77	76159	20.09	ng	96
10) Phenol	7.34	94	304327	46.52	ng	90
11) bis(2-Chloroethyl)ether	7.41	93	199417	36.93	ng	97
12) 1,3-Dichlorobenzene	7.68	146	235213	35.21	ng	98
13) 1,4-Dichlorobenzene	7.80	146	244243	36.05	ng	97
14) 1,2-Dichlorobenzene	8.03	146	230761	36.49	ng	96
15) Benzyl Alcohol	8.05	79	167687	42.00	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	267840	35.04	ng	54
17) 2-Methylphenol	8.27	107	181370	37.63	ng	# 89
18) Hexachloroethane	8.55	117	70459	30.70	ng	88
19) n-Nitroso-di-n-propylamine	8.47	70	151864	36.17	ng	95
20) 3+4-Methylphenols	8.53	107	233217	35.61	ng	# 59
22) Acetophenone	8.44	105	313688	45.02	ng	# 86
24) Nitrobenzene	8.70	77	212303	43.98	ng	91
25) Isophorone	9.10	82	374130	45.50	ng	# 94
26) 2-Nitrophenol	9.21	139	107728	41.36	ng	97
27) 2,4-Dimethylphenol	9.34	122	183964	43.69	ng	99
28) bis(2-Chloroethoxy)methane	9.47	93	207365	36.45	ng	99
29) 2,4-Dichlorophenol	9.64	162	146253	36.78	ng	96
30) 1,2,4-Trichlorobenzene	9.71	180	153765	36.10	ng	98
31) Naphthalene	9.82	128	521302	35.72	ng	100
32) Benzoic acid	9.64	122	13540m	9.46	ng	
33) 4-Chloroaniline	9.98	127	64092	11.78	ng	93
34) Hexachlorobutadiene	10.04	225	77301	34.39	ng	98
35) Caprolactam	10.57	113	44638m	37.39	ng	
36) 4-Chloro-3-methylphenol	10.82	107	145607	34.25	ng	93
37) 2-Methylnaphthalene	10.95	142	354654	37.03	ng	96
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	138700	37.06	ng	99
40) Hexachlorocyclopentadiene	11.20	237	12218	13.23	ng	89

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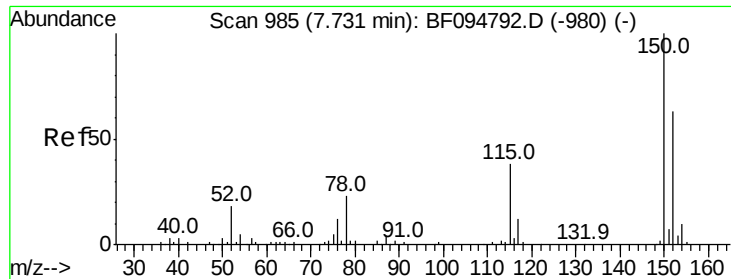
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	94819	37.94	nq	99
43) 2,4,5-Trichlorophenol	11.55	196	86641	32.26	nq	# 94
45) 1,1'-Biphenyl	11.71	154	397350	38.78	nq	97
46) 2-Chloronaphthalene	11.73	162	306263	37.02	nq	96
47) 2-Nitroaniline	11.95	65	81964	36.19	nq	# 84
48) Acenaphthylene	12.39	152	470872	36.33	nq	99
49) Dimethylphthalate	12.26	163	494562	49.50	nq	99
50) 2,6-Dinitrotoluene	12.35	165	73345	35.98	nq	93
51) Acenaphthene	12.67	154	278766	36.01	nq	99
52) 3-Nitroaniline	12.63	138	56092	25.64	nq	88
53) 2,4-Dinitrophenol	12.88	184	7906	12.74	nq	# 73
54) Dibenzofuran	12.96	168	416229	38.86	nq	97
55) 4-Nitrophenol	13.04	139	63159m	48.07	nq	
56) 2,4-Dinitrotoluene	13.02	165	91863	35.07	nq	94
57) Fluorene	13.51	166	324799	34.87	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	63983	37.85	nq	# 92
59) Diethylphthalate	13.41	149	338660	35.36	nq	98
60) 4-Chlorophenyl-phenylether	13.54	204	144965	35.41	nq	90
61) 4-Nitroaniline	13.63	138	52114	25.95	nq	97
62) Azobenzene	13.79	77	291183	37.84	nq	92
64) 4,6-Dinitro-2-methylphenol	13.71	198	11561	9.12	nq	# 67
65) n-Nitrosodiphenylamine	13.74	169	279654	40.73	nq	98
66) 4-Bromophenyl-phenylether	14.32	248	75947	38.00	nq	99
67) Hexachlorobenzene	14.41	284	73722	35.99	nq	# 90
68) Atrazine	14.66	200	75512	38.95	nq	97
69) Pentachlorophenol	14.77	266	45560	51.45	nq	96
70) Phenanthrene	15.06	178	407686	37.51	nq	97
71) Anthracene	15.14	178	422269	38.03	nq	98
72) Carbazole	15.42	167	377068	37.32	nq	97
73) Di-n-butylphthalate	15.98	149	503013	39.93	nq	99
74) Fluoranthene	16.80	202	458113	41.09	nq	99
76) Benzidine	17.03	184	297834	56.65	nq	# 90
77) Pyrene	17.11	202	475404	33.50	nq	99
79) Butylbenzylphthalate	18.00	149	227957	34.53	nq	91
80) Benzo(a)anthracene	18.68	228	402353	36.43	nq	98
81) 3,3'-Dichlorobenzidine	18.66	252	139087	36.46	nq	# 95
82) Chrysene	18.73	228	391762	36.69	nq	99
83) Bis(2-ethylhexyl)phthalate	18.75	149	327063	34.77	nq	# 98
84) Di-n-octyl phthalate	19.51	149	553667	35.90	nq	96
85) Indeno(1,2,3-cd)pyrene	21.70	276	262798	30.30	nq	99
87) Benzo(b)fluoranthene	19.96	252	314782	36.85	nq	99
88) Benzo(k)fluoranthene	19.99	252	346281	42.02	nq	# 94
89) Benzo(a)pyrene	20.31	252	296545	37.62	nq	100
90) Dibenzo(a,h)anthracene	21.70	278	214801	32.99	nq	98
91) Benzo(g,h,i)perylene	22.09	276	218617	34.22	nq	97

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



#1

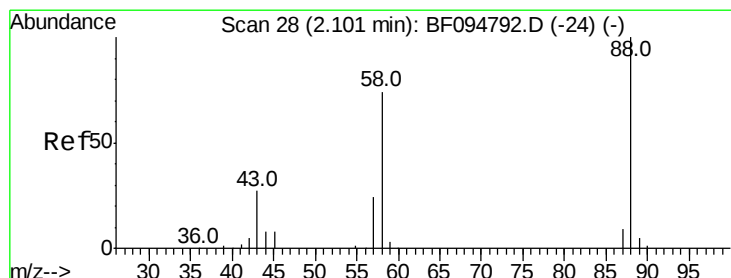
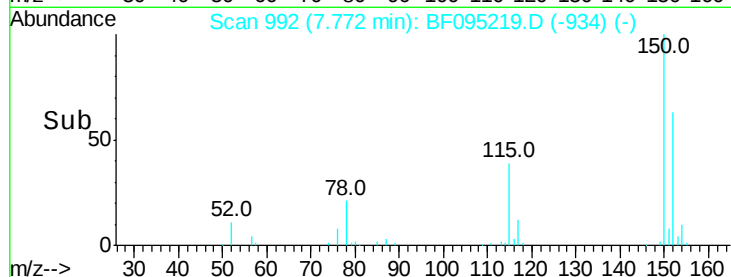
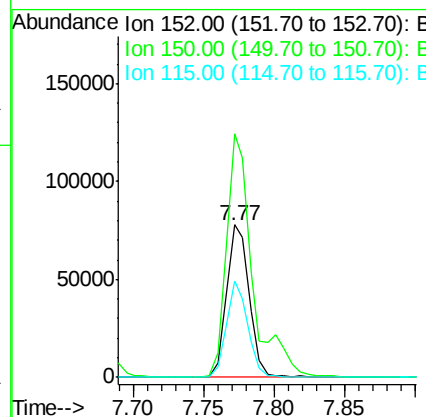
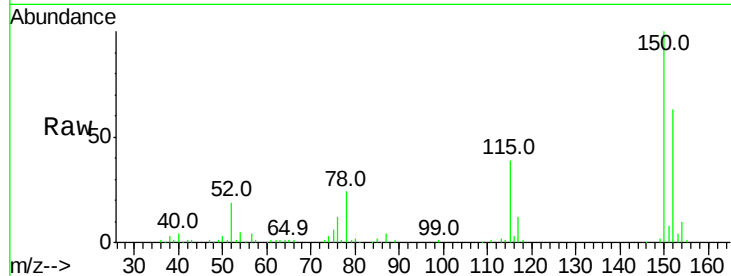
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Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.2	189.2
115	62.8	52.2	78.2

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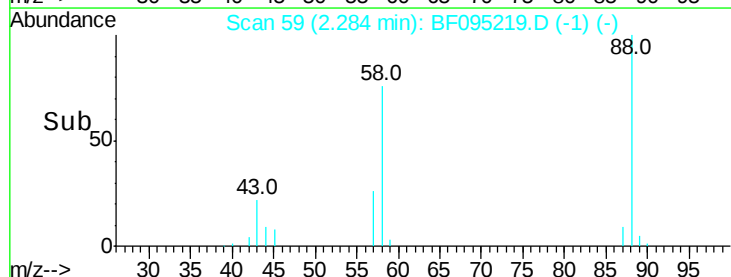
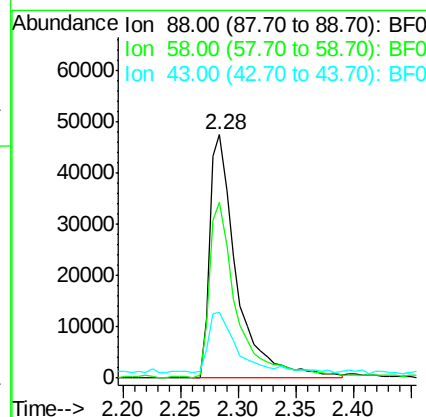
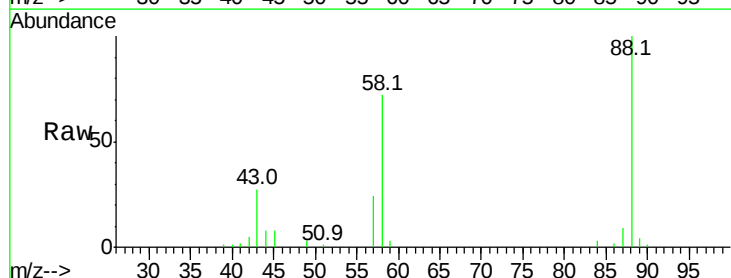
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#2

1,4-Dioxane
Concen: 30.55 ng
RT: 2.28 min Scan# 59
Delta R.T. 0.18 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	61.4	92.0
43	25.0	23.4	35.0





#3

Pvridine

Concen: 30.33 ng m

RT: 2.98 min Scan# 178

Delta R.T. 0.22 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

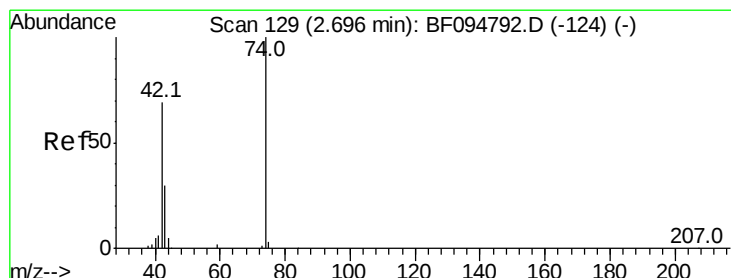
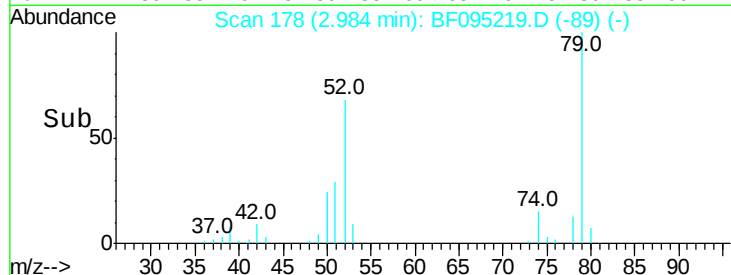
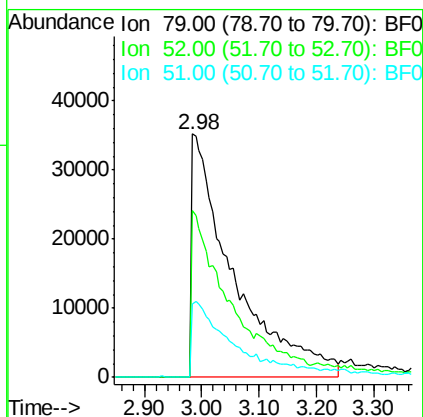
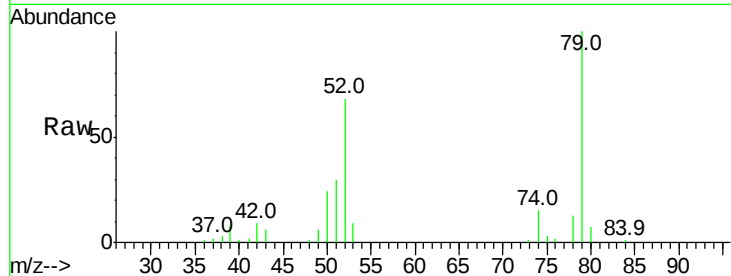
ClientSampleId :

051617-05MSD

Tot Ion:	79	Resp:	178376
Ion Ratio	Lower	Upper	
79	100		
52	68.3	54.8	82.2
51	30.3	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 30.03 ng m

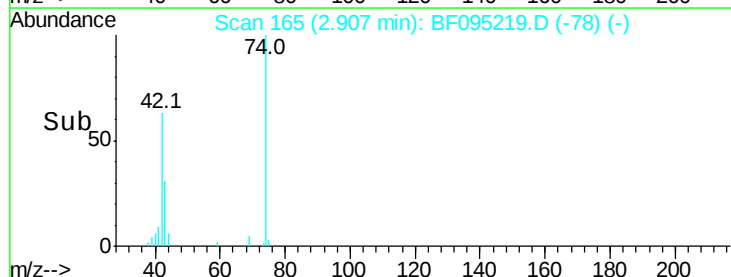
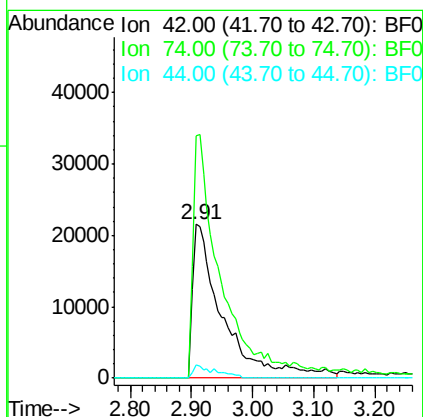
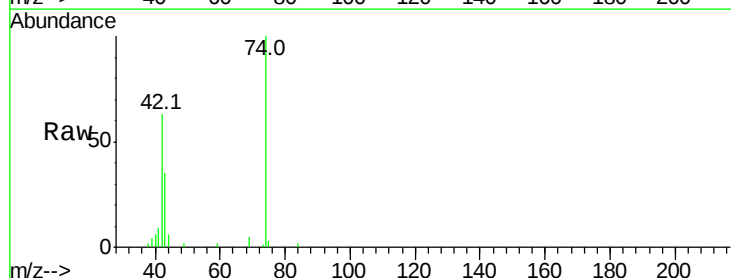
RT: 2.91 min Scan# 165

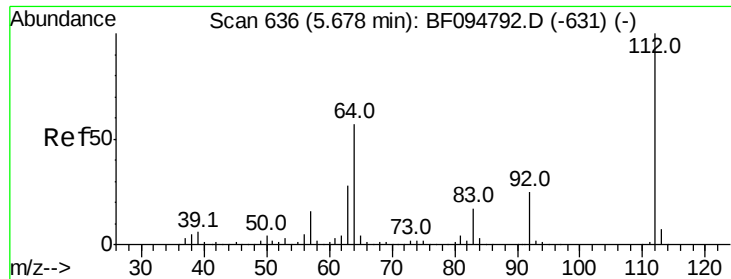
Delta R.T. 0.21 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Tgt Ion:	42	Resp:	73608
Ion Ratio	Lower	Upper	
42	100		
74	157.7	103.9	155.9#
44	8.8	5.7	8.5#





#5

2-Fluorophenol

Concen: 100.26 ng

RT: 5.75 min Scan# 648

Delta R.T. 0.07 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

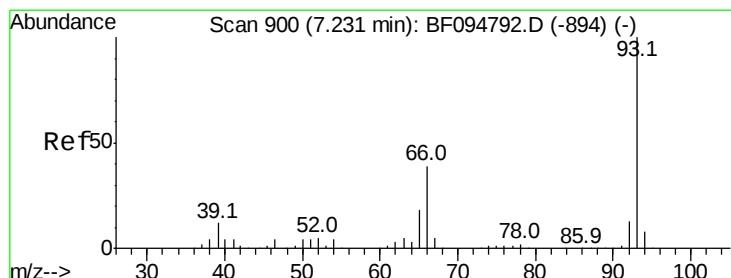
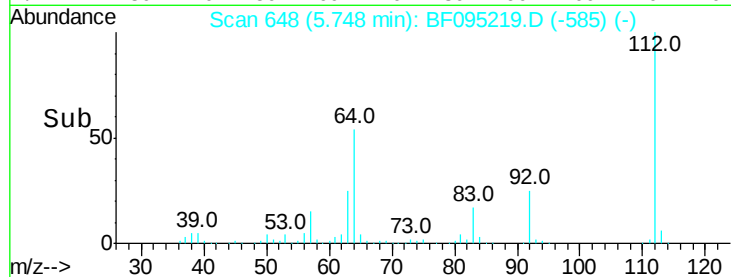
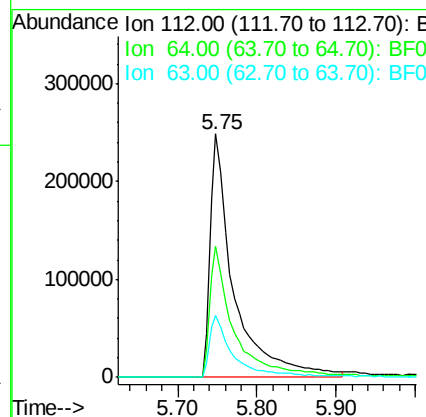
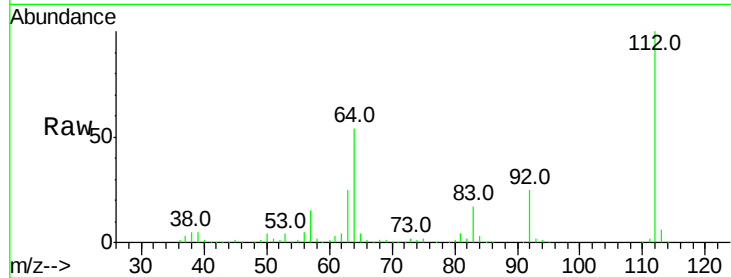
ClientSampleId :

051617-05MSD

Tot Ion:	112	Resp:	518742
Ion Ratio	Lower	Upper	
112	100		
64	53.8	46.0	69.0
63	25.5	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 31.40 ng

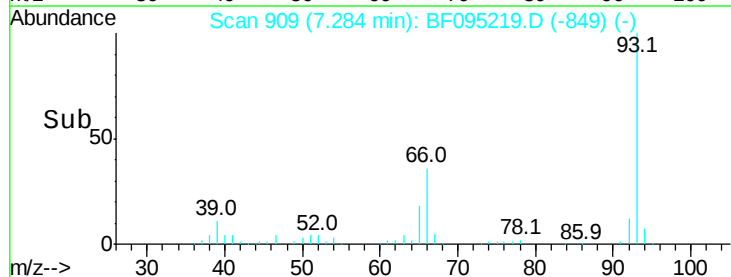
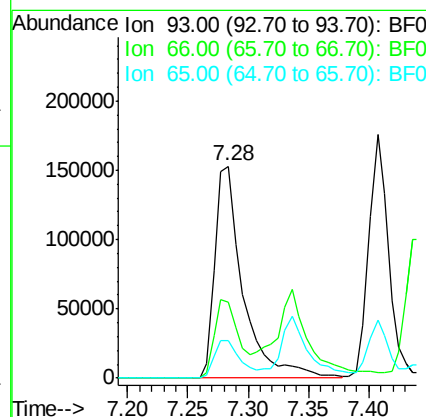
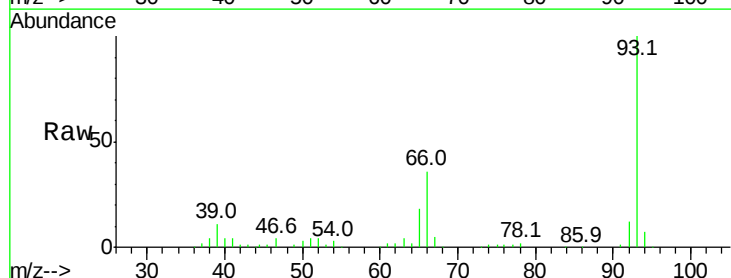
RT: 7.28 min Scan# 909

Delta R.T. 0.05 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Tgt Ion:	93	Resp:	246079
Ion Ratio	Lower	Upper	
93	100		
66	35.7	32.9	49.3
65	17.6	16.0	24.0





#7

Phenol-d6

Concen: 112.60 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

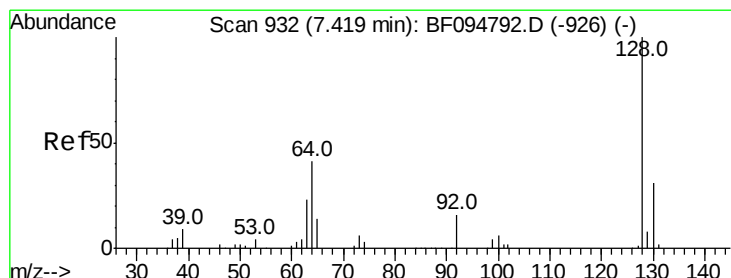
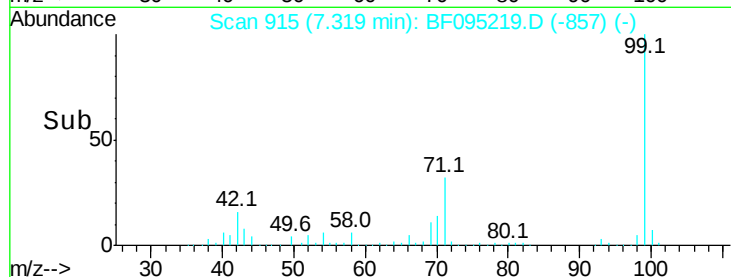
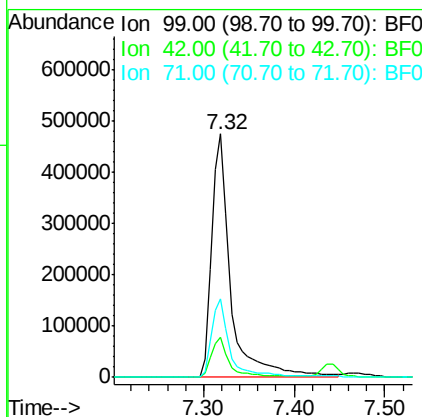
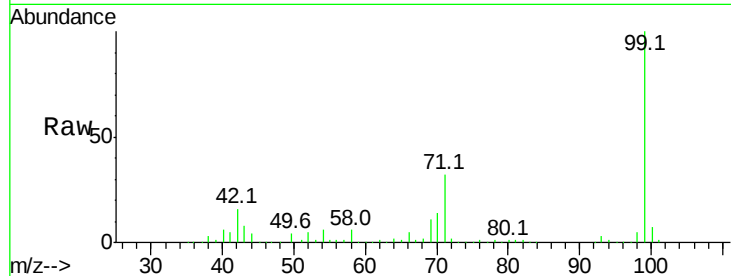
ClientSampleId :

051617-05MSD

Tot Ion:	99	Resp:	698987
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.5	20.3
71	32.3	24.5	36.7

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#8

2-Chlorophenol

Concen: 35.19 ng

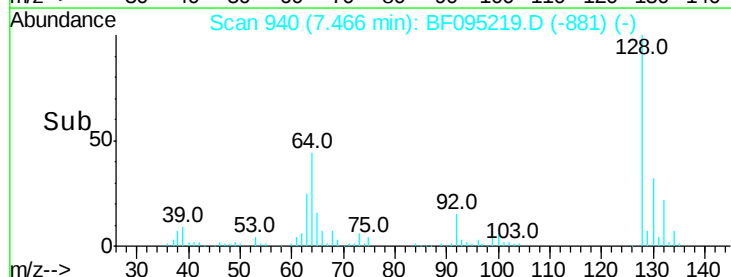
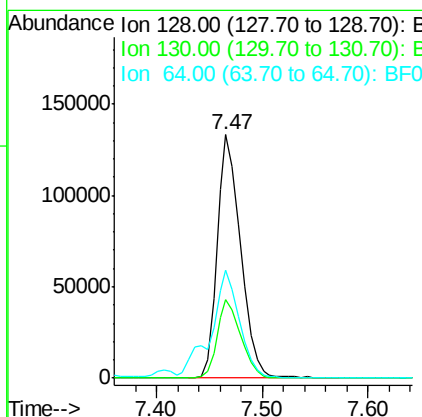
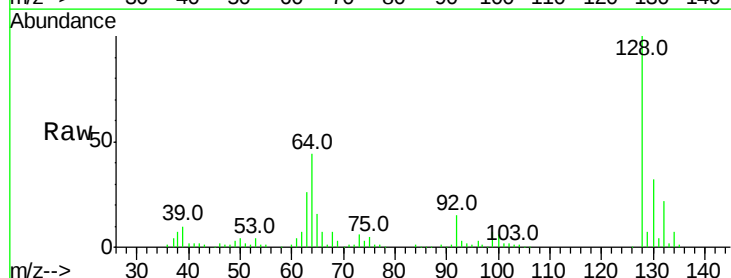
RT: 7.47 min Scan# 940

Delta R.T. 0.05 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Tgt Ion:	128	Resp:	207251
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	44.1	28.4	68.4





#9

Benzaldehyde

Concen: 20.09 ng

RT: 7.11 min Scan# 879

Delta R.T. 0.07 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

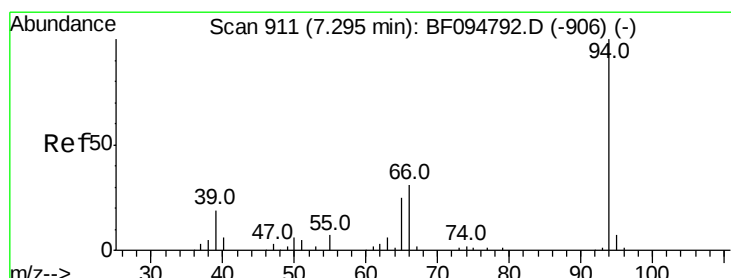
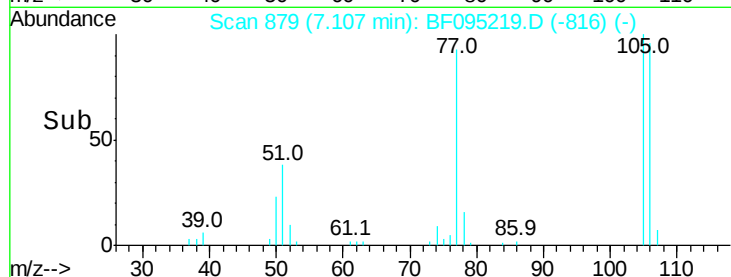
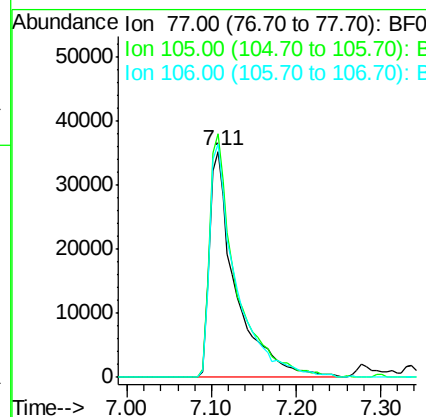
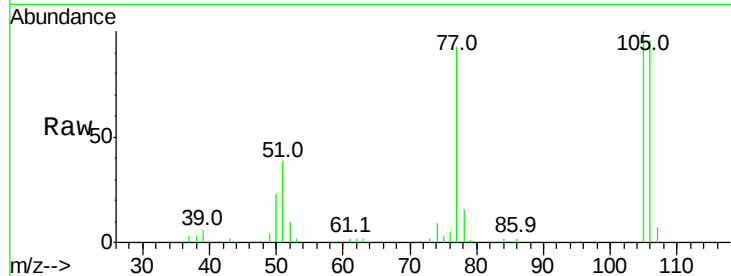
ClientSampleId :

051617-05MSD

Tot Ion:	77	Resp:	76159
Ion	Ratio	Lower	Upper
77	100		
105	107.7	83.8	123.8
106	103.0	79.1	119.1

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#10

Phenol

Concen: 46.52 ng

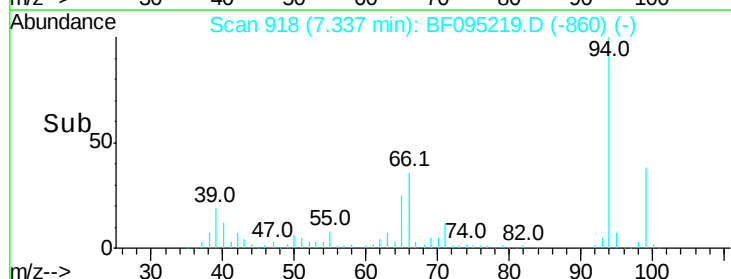
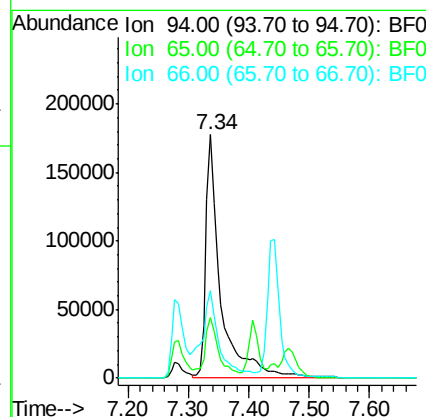
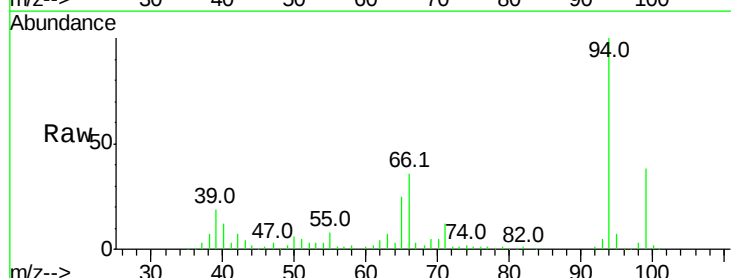
RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Tgt Ion:	94	Resp:	304327
Ion	Ratio	Lower	Upper
94	100		
65	24.9	9.9	49.9
66	36.0	23.1	63.1





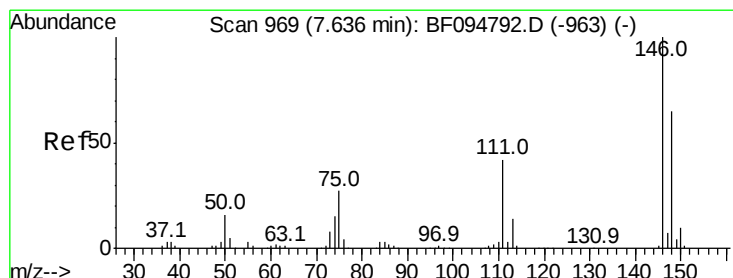
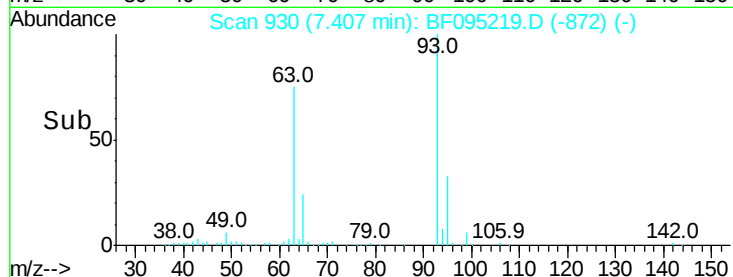
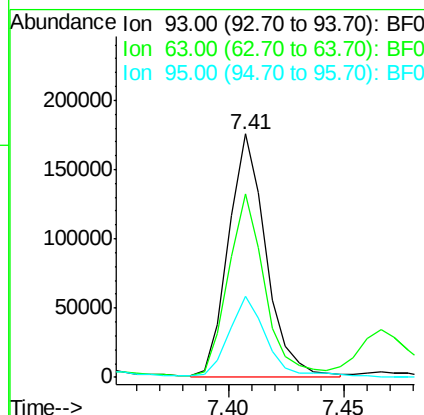
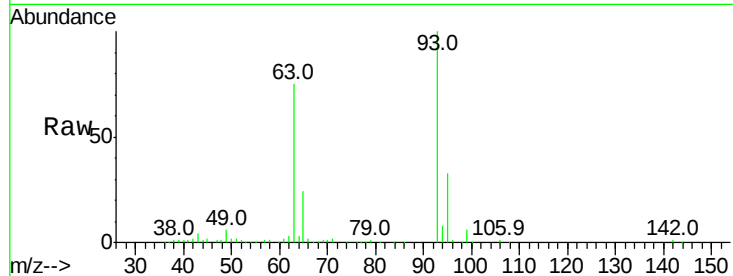
#11
bis(2-Chloroethyl)ether
Concen: 36.93 ng
RT: 7.41 min Scan# 930
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	93	Resp	199417
Ion Ratio	Lower	Upper	
93	100		
63	75.3	59.2	99.2
95	33.2	12.8	52.8

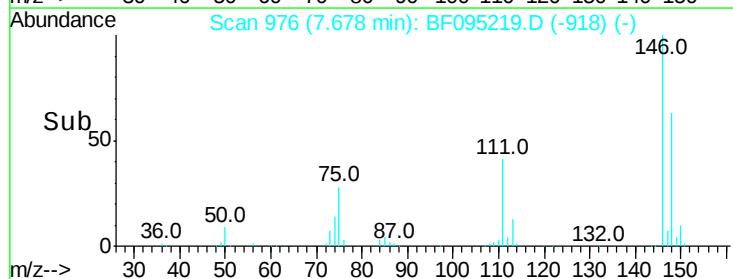
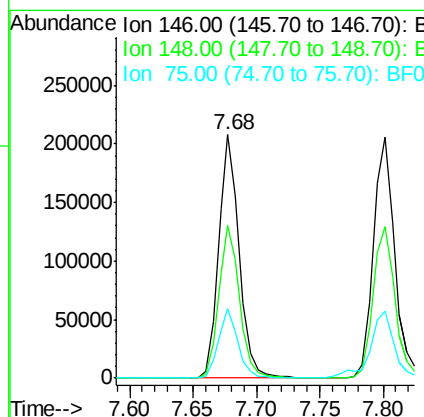
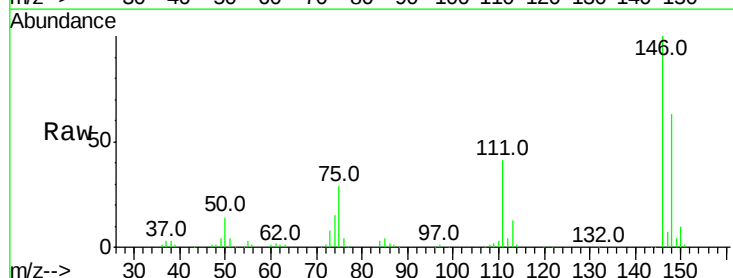
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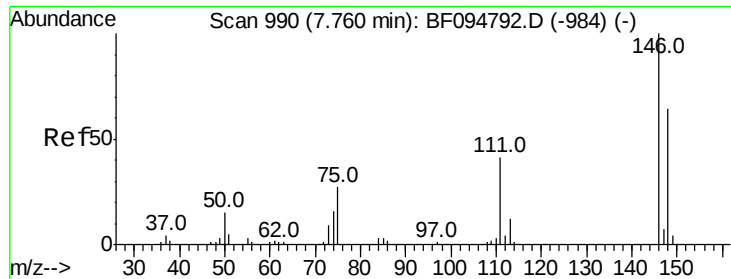
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.21 ng
RT: 7.68 min Scan# 976
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	146	Resp	235213
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.8	77.6
75	28.5	23.1	34.7





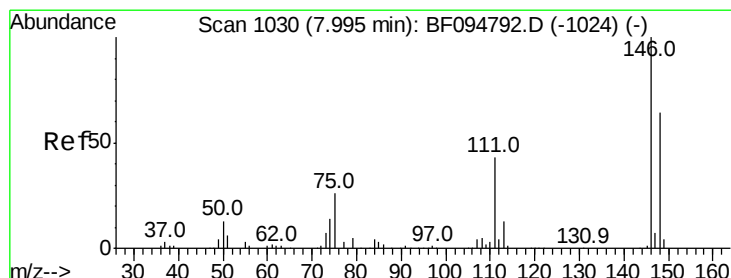
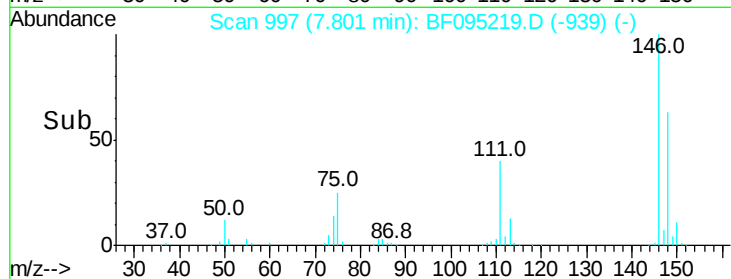
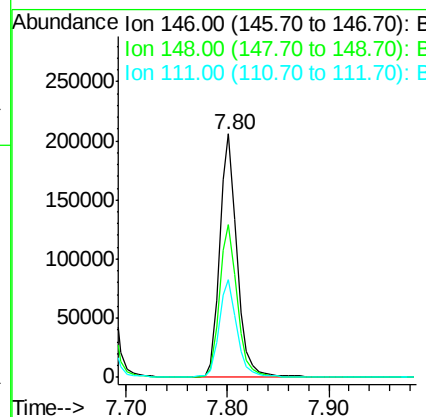
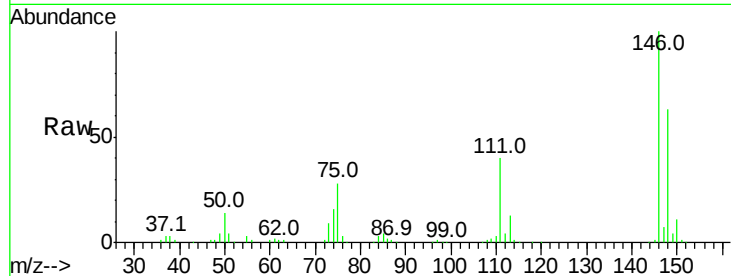
#13
 1,4-Dichlorobenzene
 Concen: 36.05 ng
 RT: 7.80 min Scan# 997
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Instrument :
 BNA_F
 ClientSampleID :
 051617-05MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.2
111	40.1	30.3	45.5

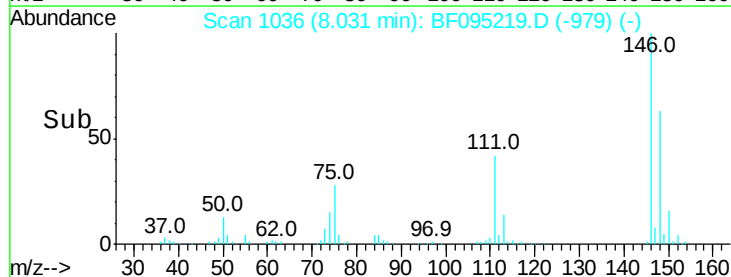
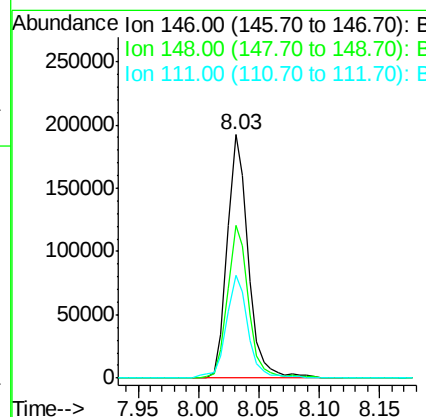
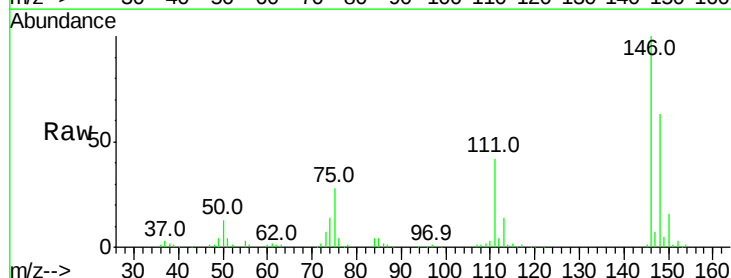
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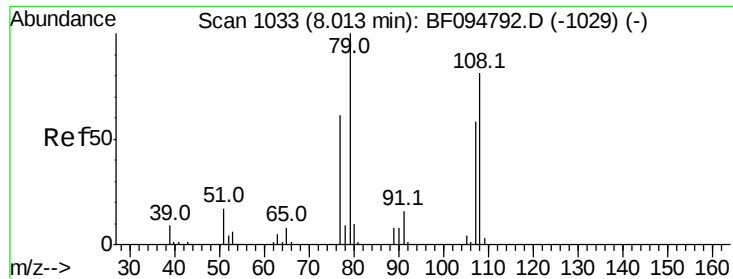
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#14
 1,2-Dichlorobenzene
 Concen: 36.49 ng
 RT: 8.03 min Scan# 1036
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.4	75.6
111	42.2	38.2	57.4





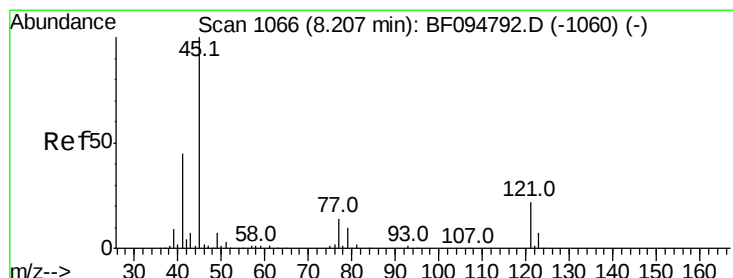
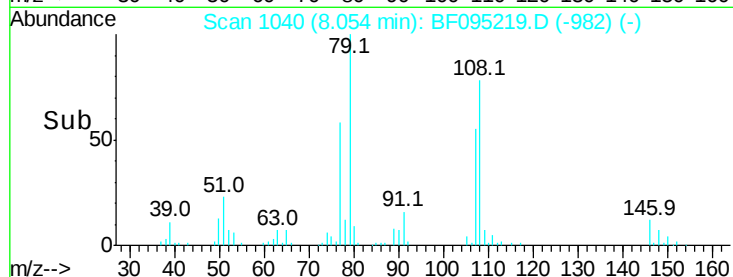
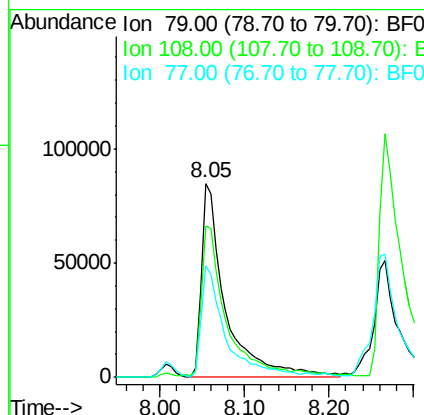
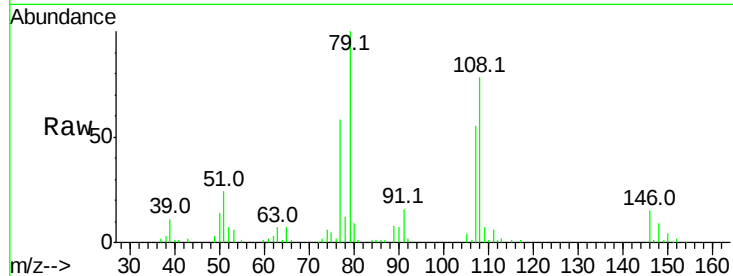
#15
Benzyl Alcohol
Concen: 42.00 ng
RT: 8.05 min Scan# 1040
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	63.4	95.0
77	58.0	49.2	73.8

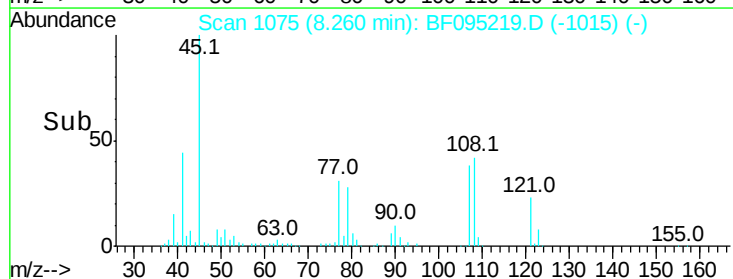
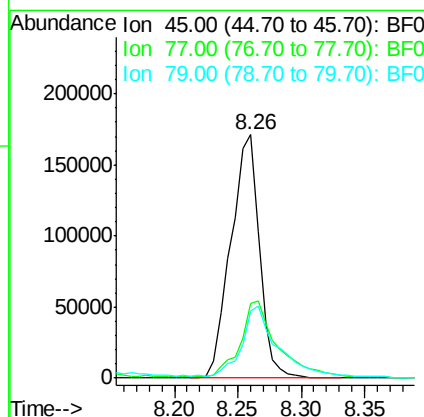
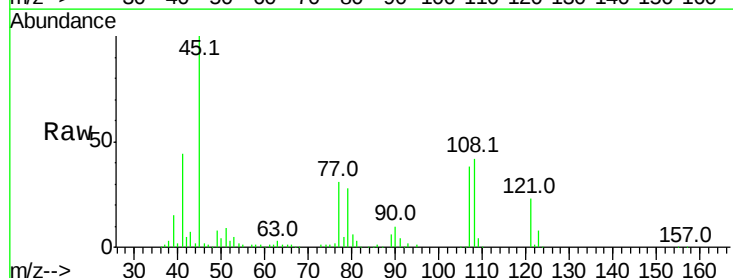
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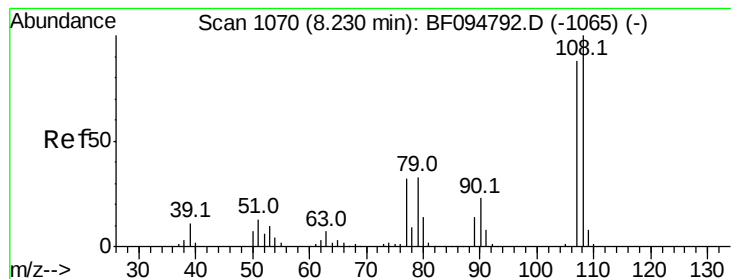
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.04 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.05 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	30.8	0.0	33.2
79	27.5	0.0	30.0





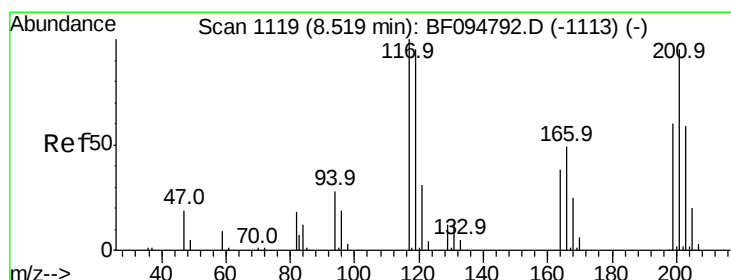
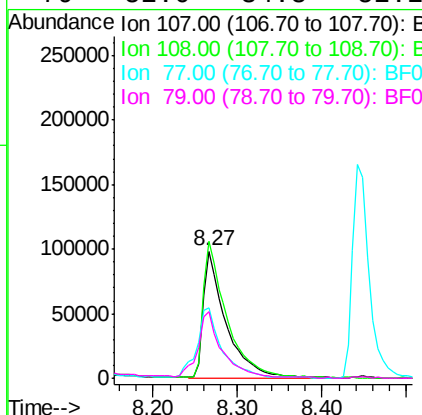
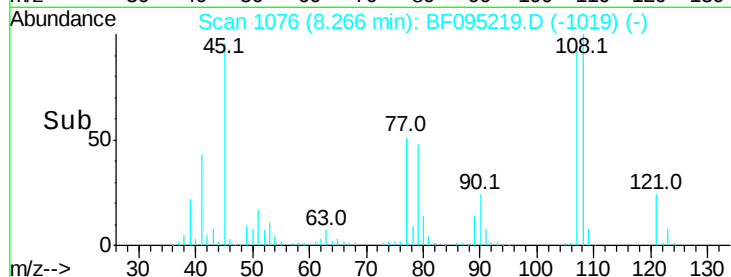
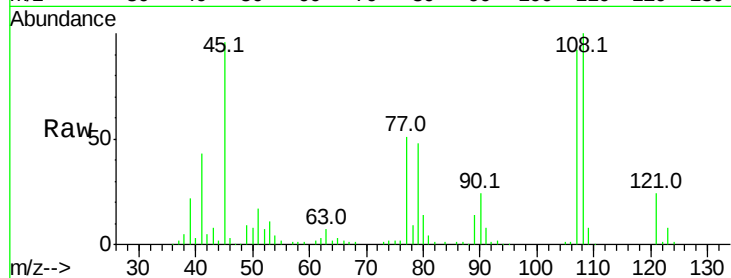
#17
 2-Methylphenol
 Concen: 37.63 ng
 RT: 8.27 min Scan# 1076
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108.5		93.4	140.0	
77	77	55.2	35.8	53.6	
79	79	52.0	34.8	52.2	

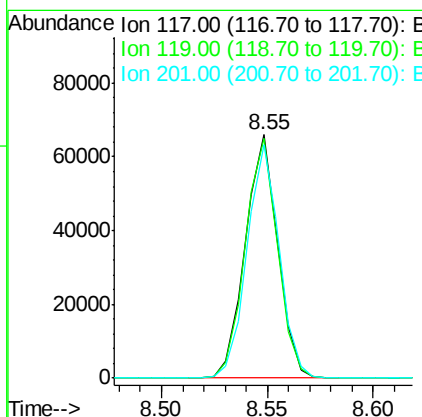
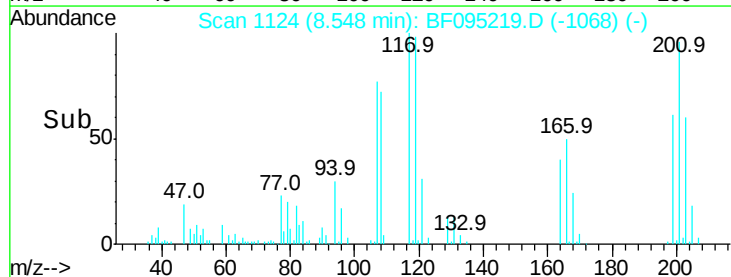
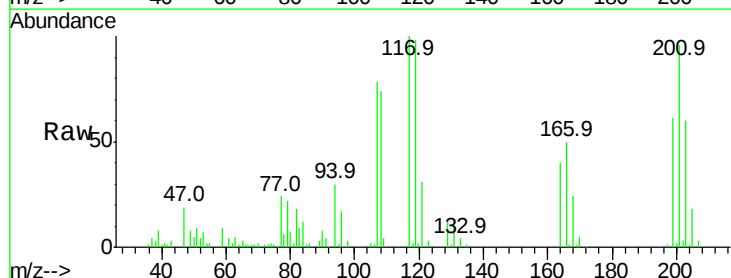
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#18
 Hexachloroethane
 Concen: 30.70 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.03 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	98.2	77.4	116.0	
201	201	95.7	94.6	141.8	





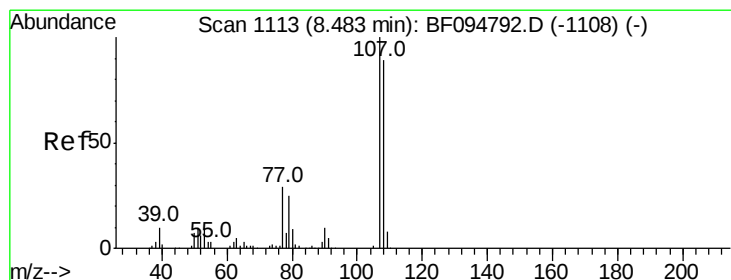
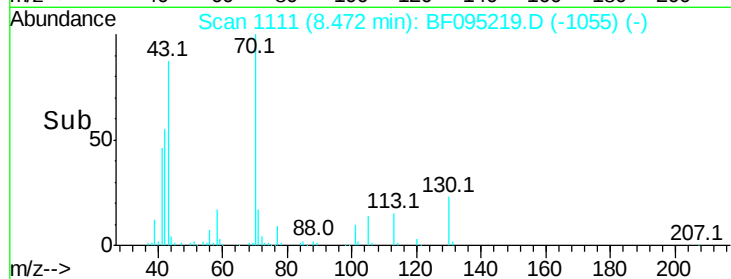
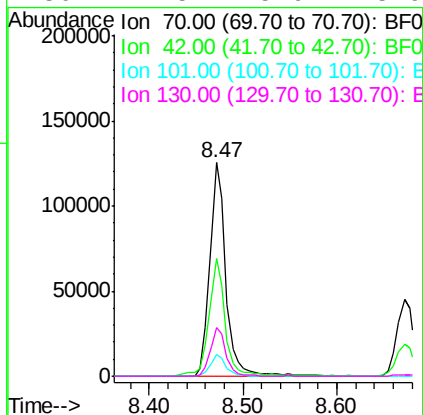
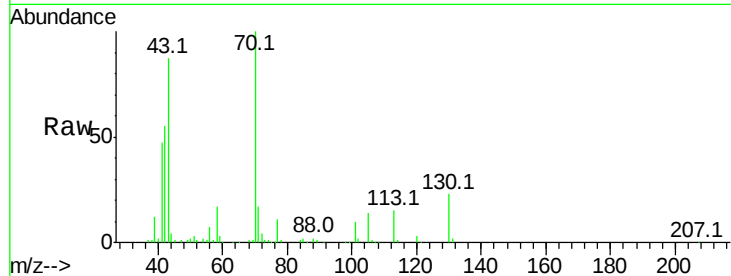
#19
n-Nitroso-di-n-propylamine
Concen: 36.17 ng
RT: 8.47 min Scan# 1111
Delta R.T. 0.03 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.2	70.8
101	10.5	7.2	10.8
130	22.5	15.9	23.9

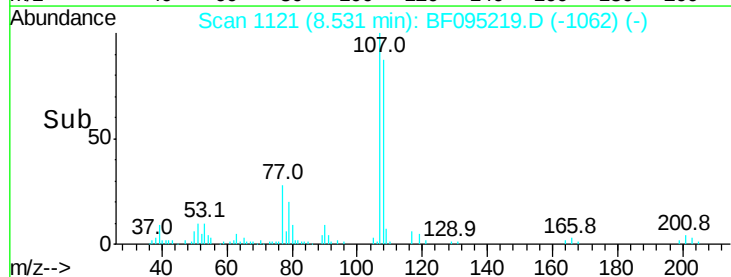
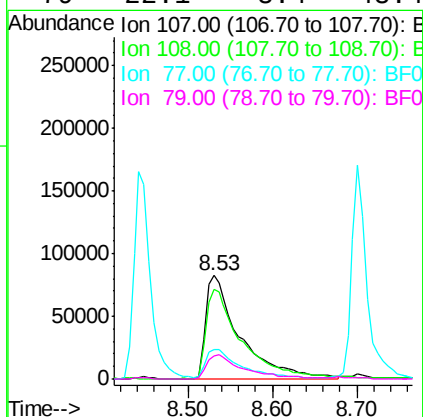
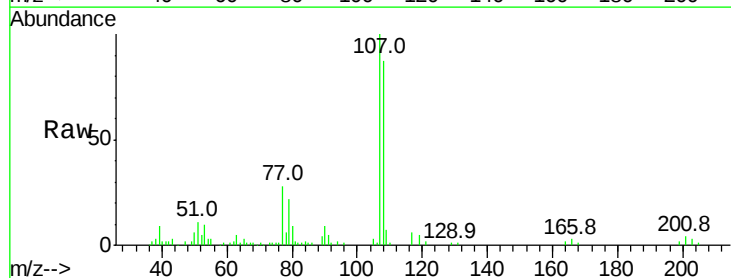
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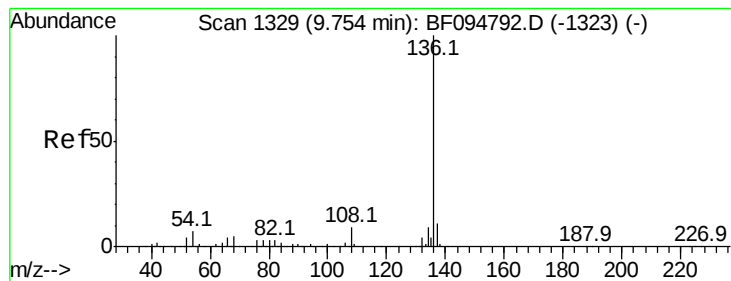
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#20
3+4-Methylphenols
Concen: 35.61 ng
RT: 8.53 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.0	111.0
77	28.4	90.5	130.5#
79	22.1	8.4	48.4





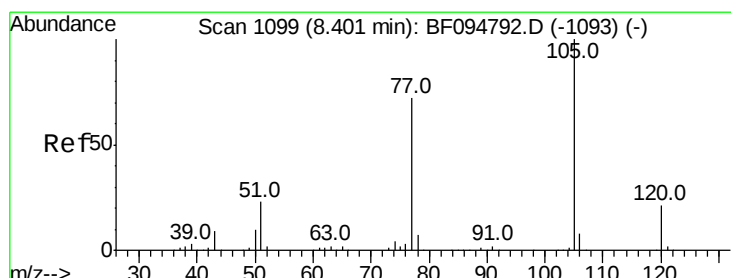
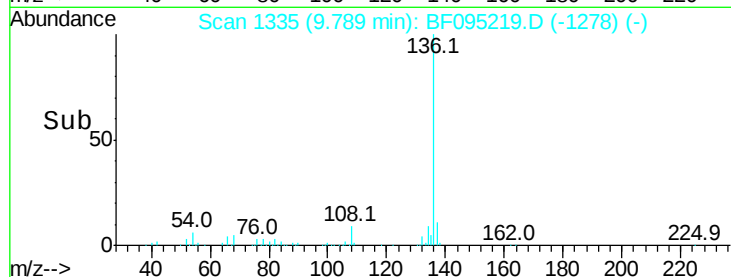
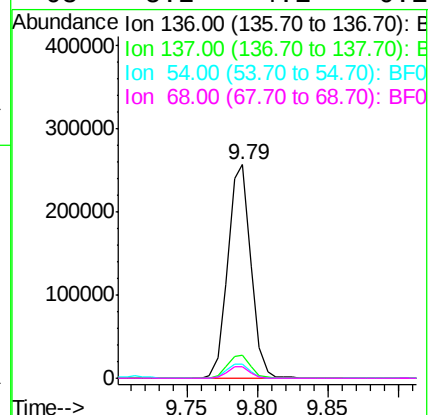
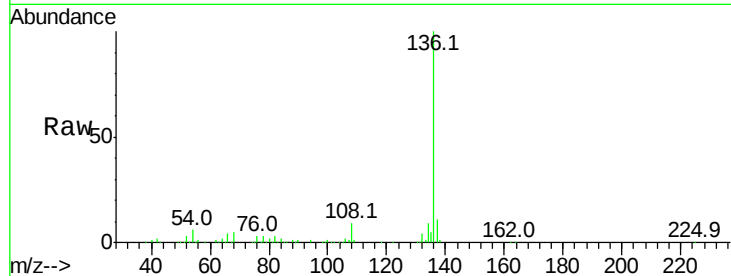
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.79 min Scan# 1335
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	290385		
137	10.5		8.5	12.7
54	6.4		4.9	7.3
68	5.2		4.1	6.1

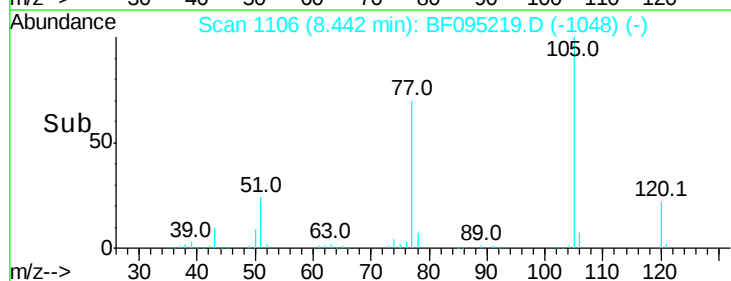
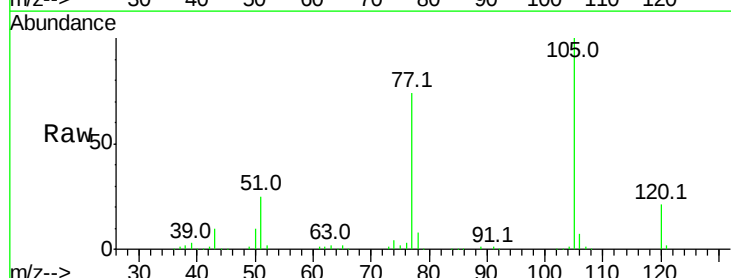
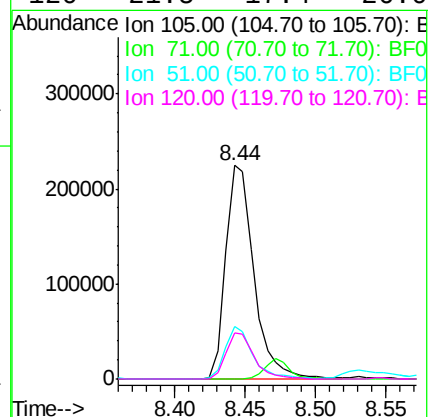
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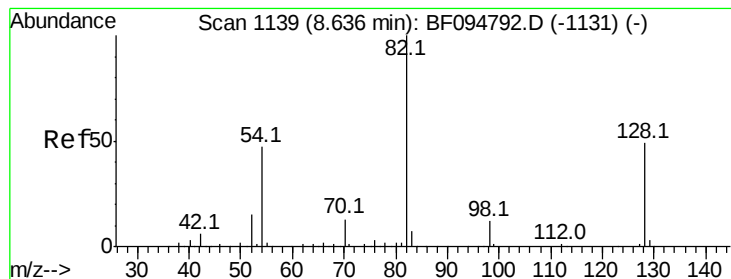
mohammad
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#22
Acetophenone
Concen: 45.02 ng
RT: 8.44 min Scan# 1106
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	313688		
71	0.0		2.8	4.2#
51	24.7		30.7	46.1#
120	21.5		17.4	26.0





#23

Nitrobenzene-d5

Concen: 93.17 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.04 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

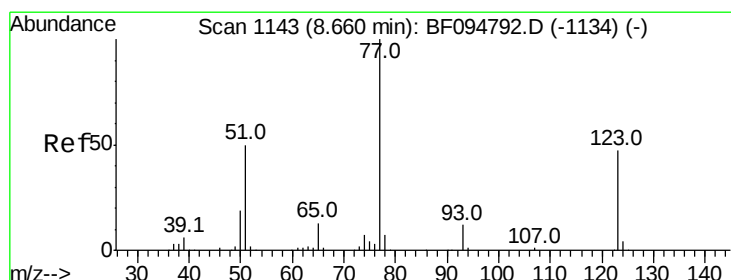
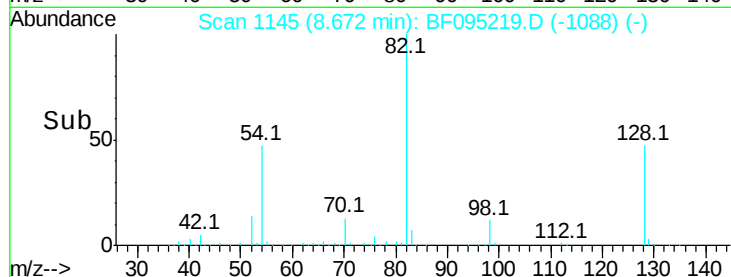
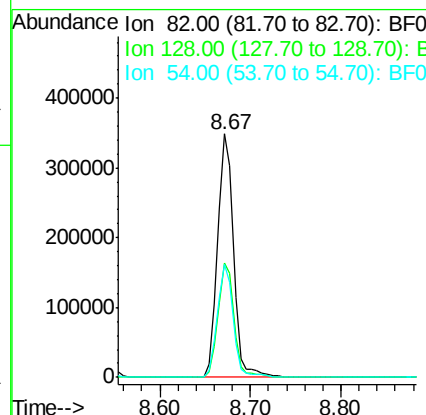
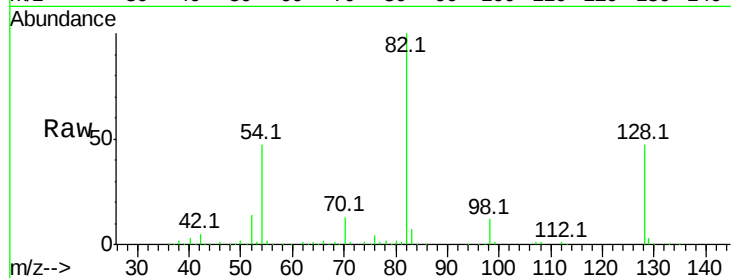
ClientSampleId :

051617-05MSD

Tot Ion:	82	Resp:	429030
Ion Ratio	Lower	Upper	
82	100		
128	47.1	34.0	51.0
54	46.6	42.2	63.2

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#24

Nitrobenzene

Concen: 43.98 ng

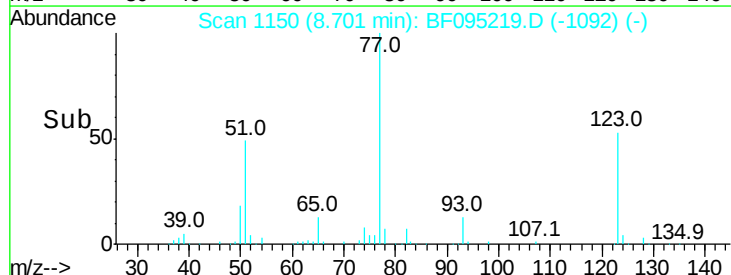
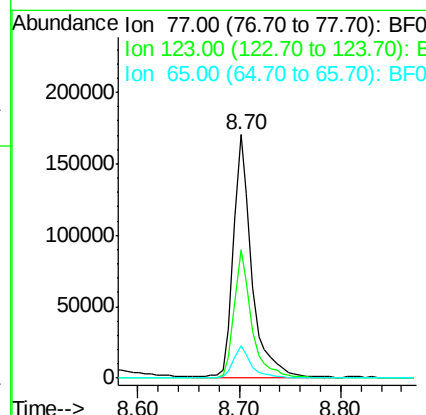
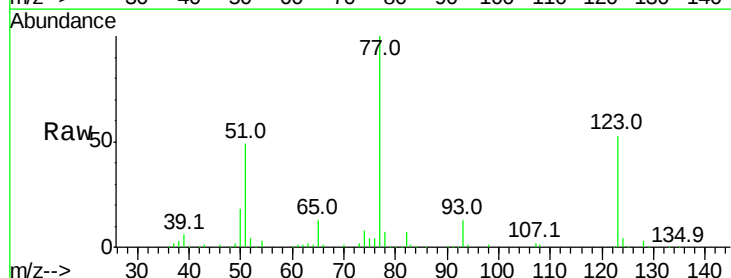
RT: 8.70 min Scan# 1150

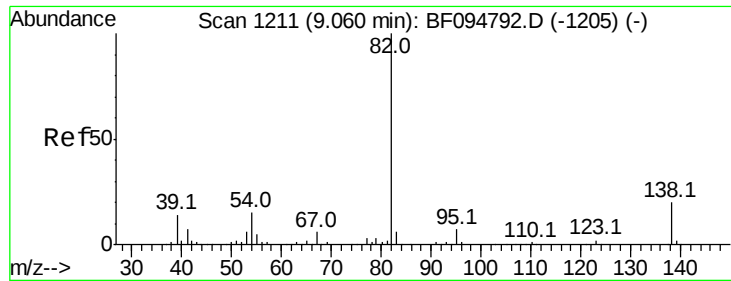
Delta R.T. 0.04 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Tgt Ion:	77	Resp:	212303
Ion Ratio	Lower	Upper	
77	100		
123	52.6	35.8	53.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 45.50 ng

RT: 9.10 min Scan# 1218

Delta R.T. 0.04 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

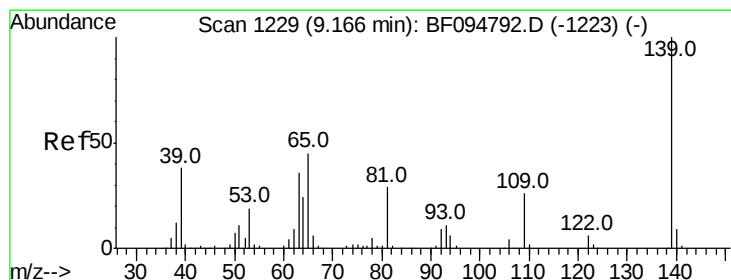
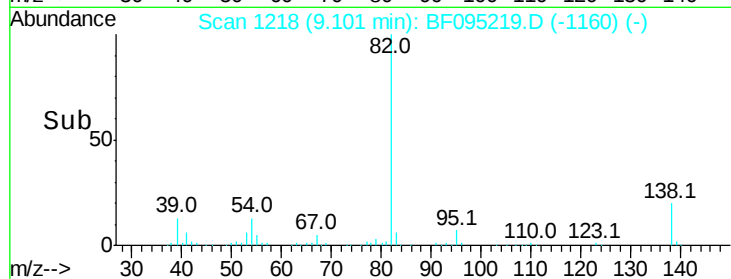
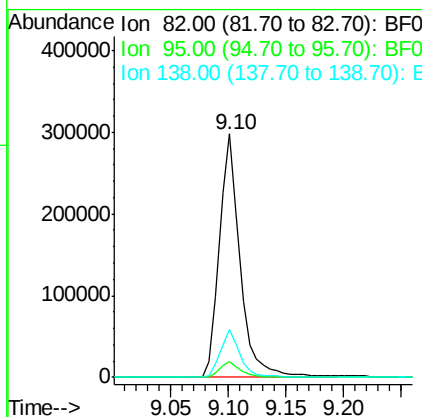
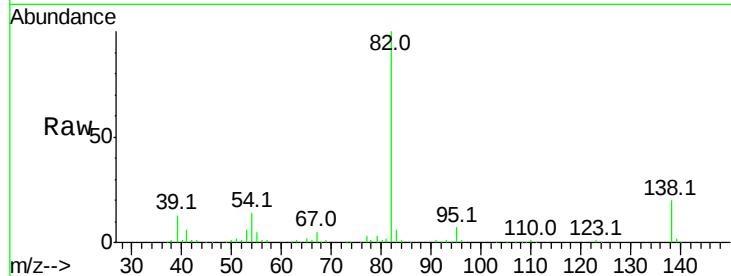
ClientSampleId :

051617-05MSD

Tot Ion:	82	Resp:	374130
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.8	13.1	19.7#

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#26

2-Nitrophenol

Concen: 41.36 ng

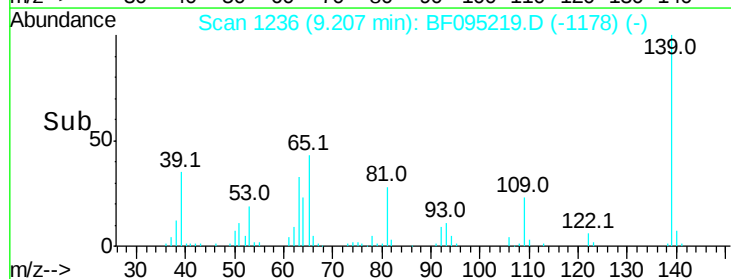
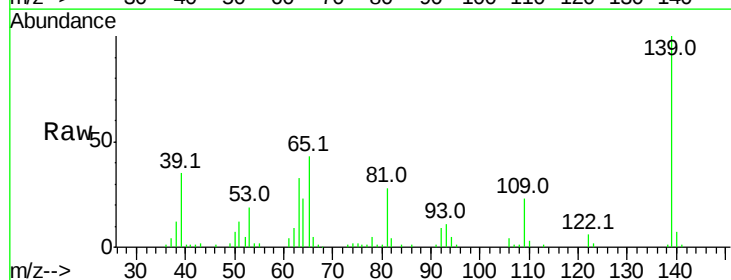
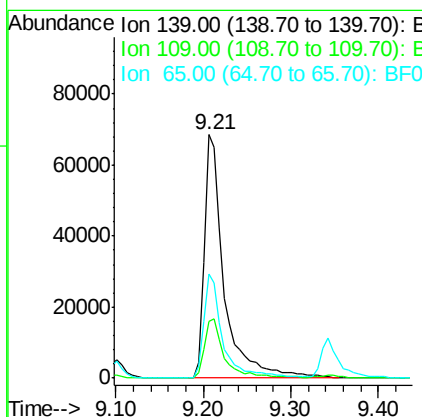
RT: 9.21 min Scan# 1236

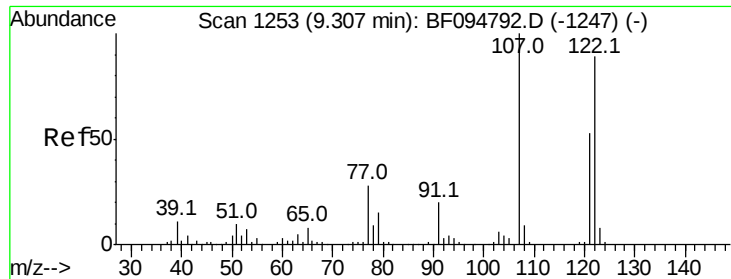
Delta R.T. 0.04 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Tgt Ion:	139	Resp:	107728
Ion Ratio	Lower	Upper	
139	100		
109	23.4	21.0	31.6
65	42.6	33.0	49.6





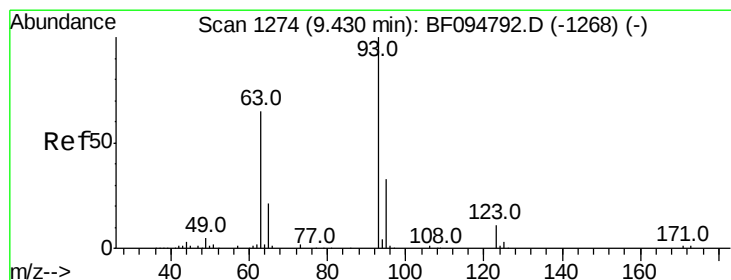
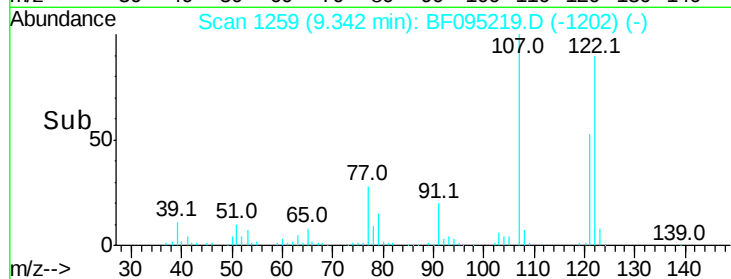
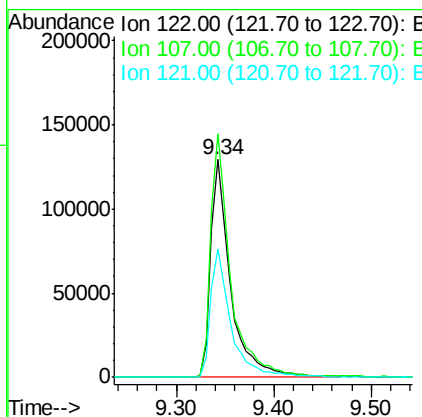
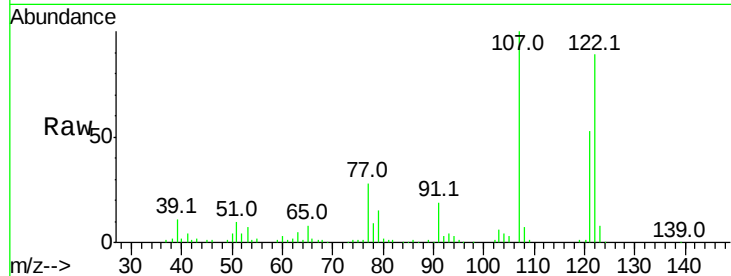
#27
2,4-Dimethylphenol
Concen: 43.69 ng
RT: 9.34 min Scan# 1259
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	183964		
107	111.8	89.2	133.8	
121	59.1	45.2	67.8	

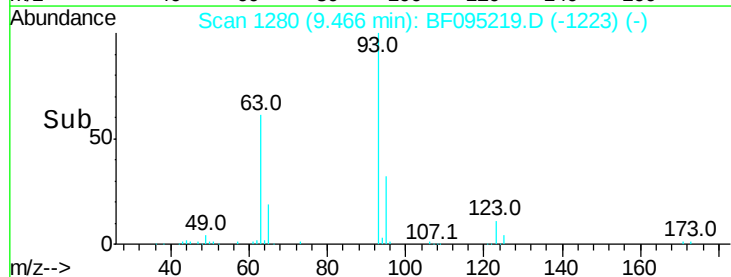
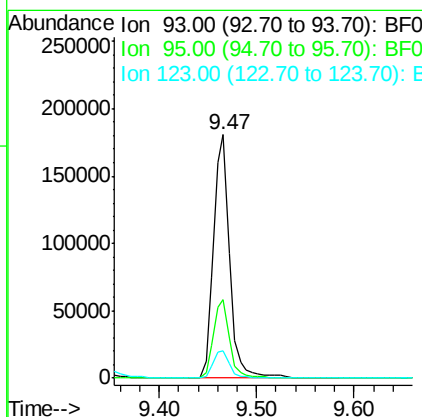
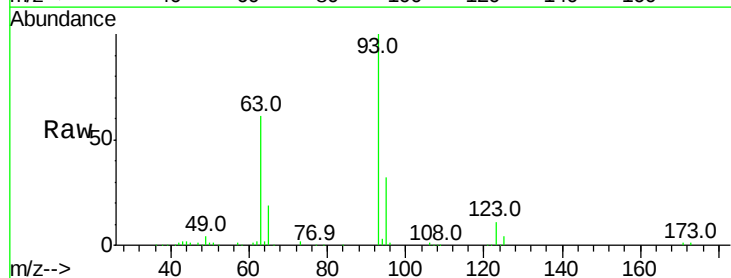
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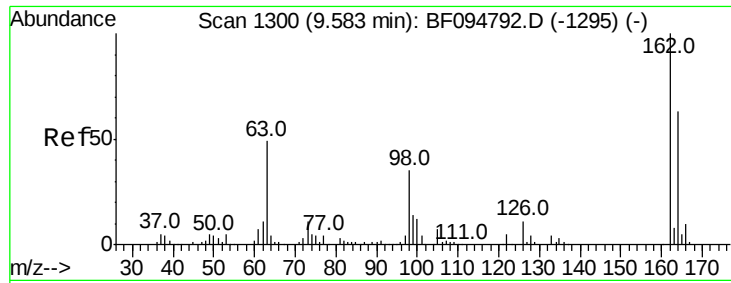
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#28
bis(2-Chloroethoxy)methane
Concen: 36.45 ng
RT: 9.47 min Scan# 1280
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	207365		
95	32.4	26.5	39.7	
123	11.2	9.0	13.4	





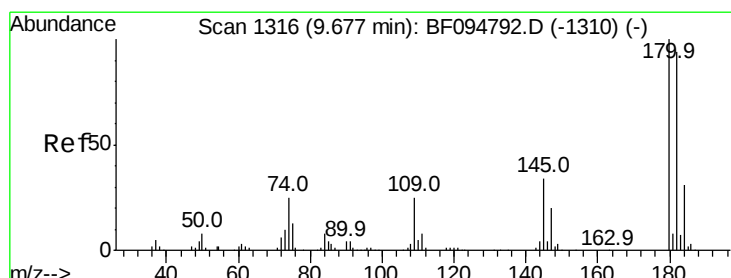
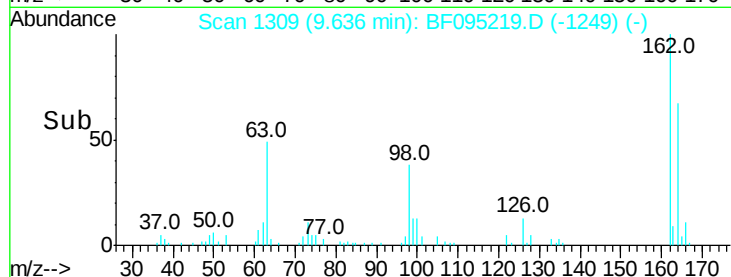
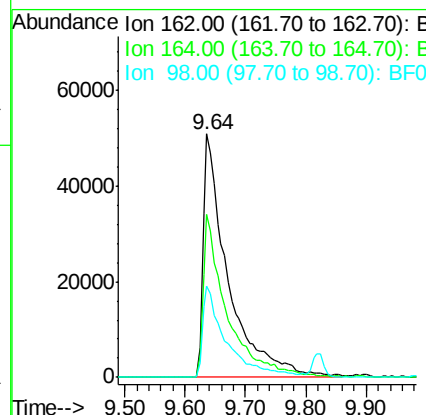
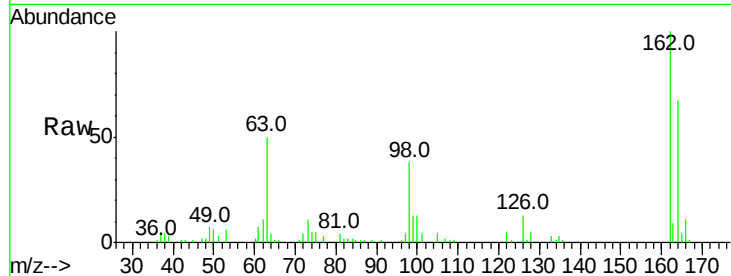
#29
 2,4-Dichlorophenol
 Concen: 36.78 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.05 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	146253		
164	66.8	44.6	84.6	
98	37.7	14.8	54.8	

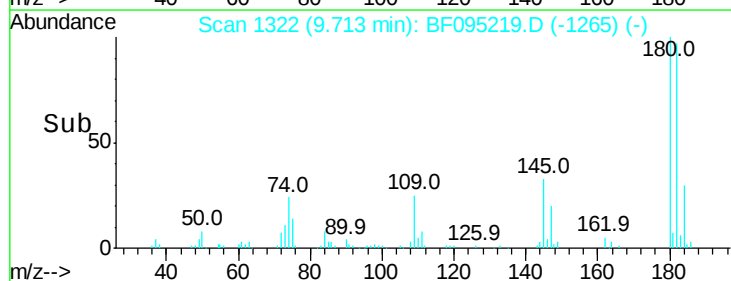
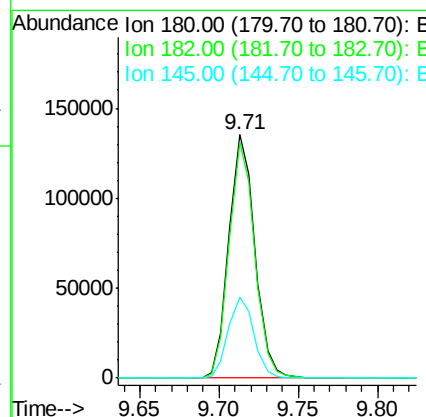
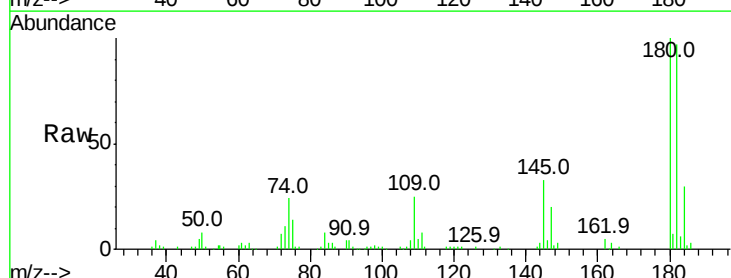
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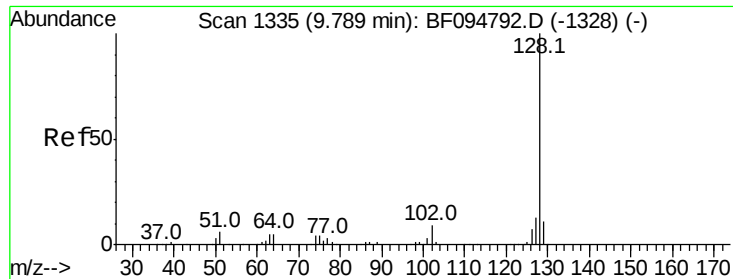
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.10 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	153765		
182	96.7	75.8	113.6	
145	33.4	25.3	37.9	





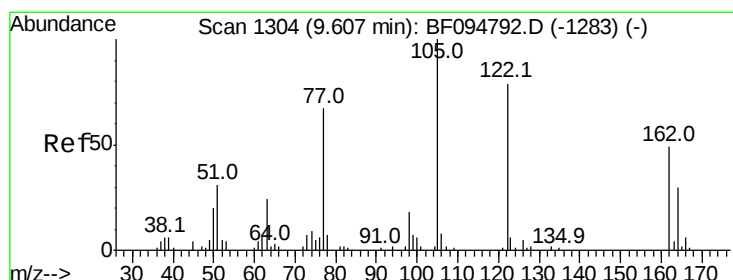
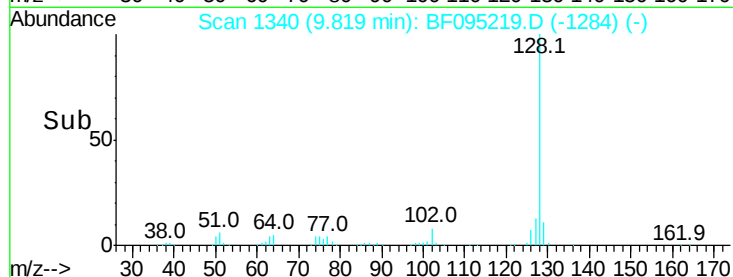
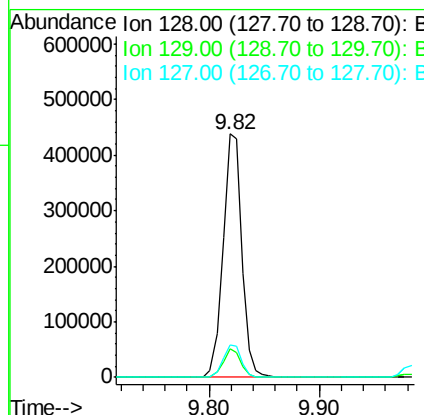
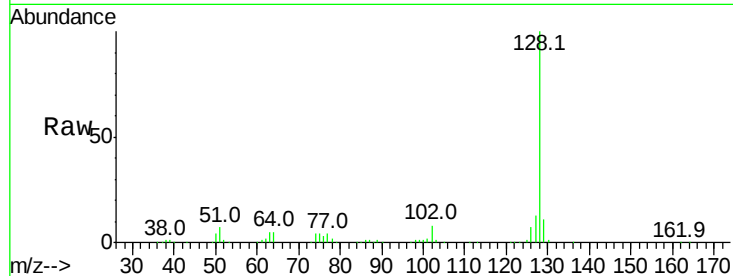
#31
Naphthalene
Concen: 35.72 ng
RT: 9.82 min Scan# 1340
Delta R.T. 0.03 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.3	10.8	16.2

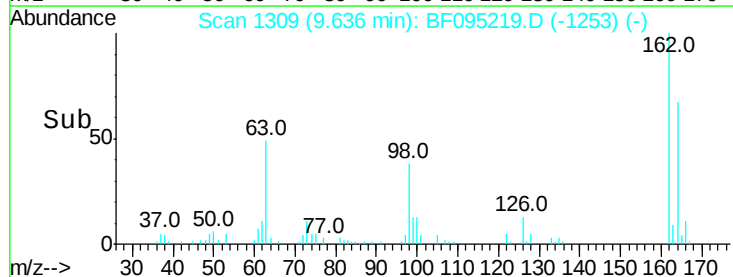
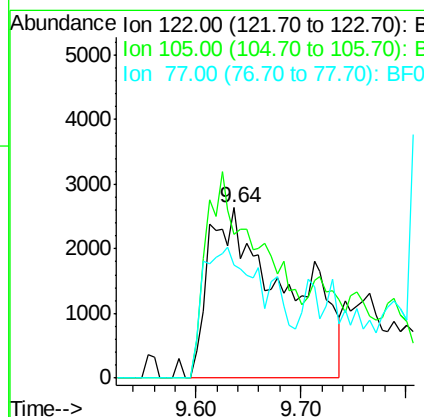
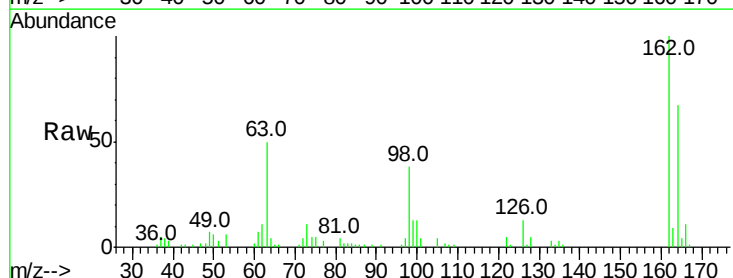
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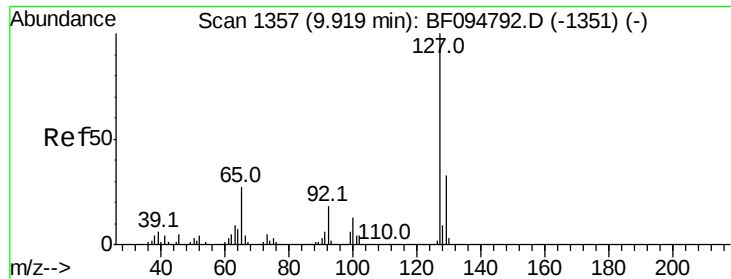
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#32
Benzoic acid
Concen: 9.46 ng m
RT: 9.64 min Scan# 1309
Delta R.T. 0.03 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	84.4	103.3	143.3#
77	66.1	73.7	113.7#





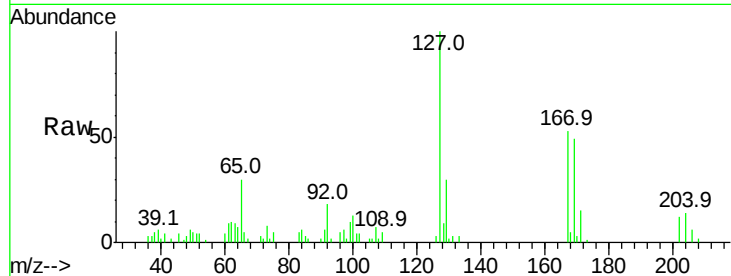
#33
4-Chloroaniline
Concen: 11.78 ng
RT: 9.98 min Scan# 1368
Delta R.T. 0.06 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

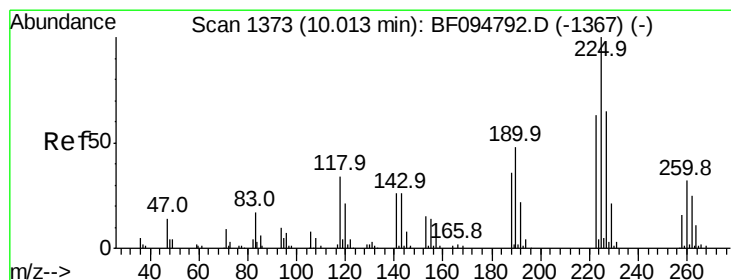
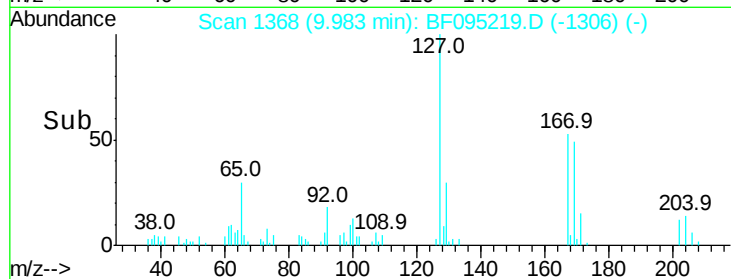
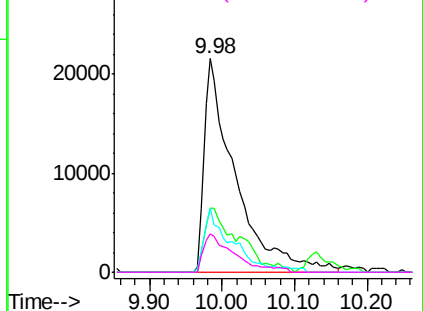
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.2	39.2
65	29.8	27.8	41.8
92	17.7	16.8	25.2

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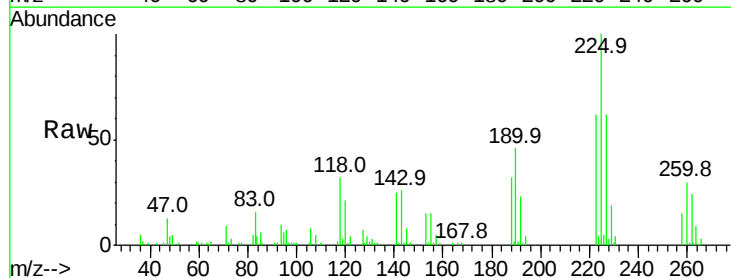


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

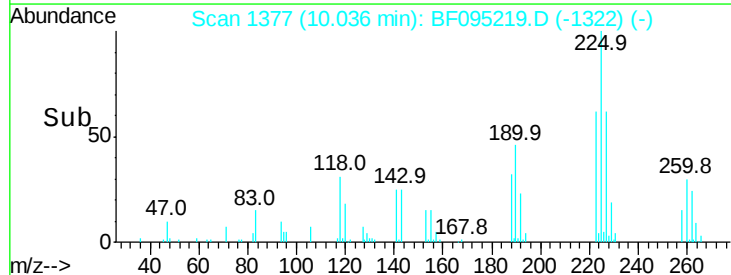
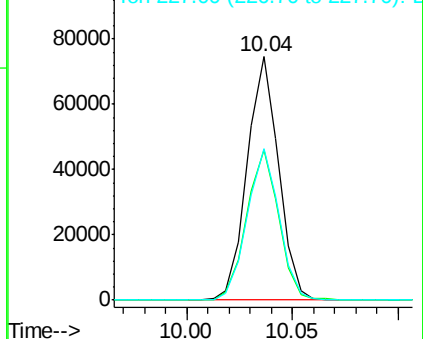


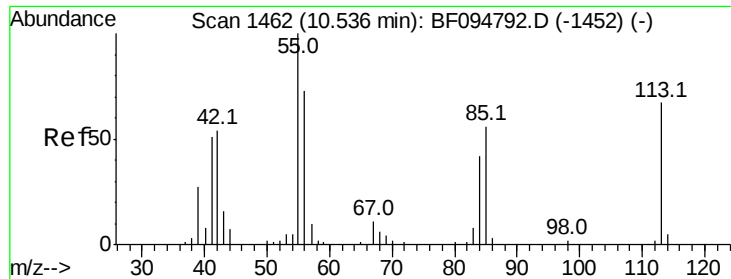
#34
Hexachlorobutadiene
Concen: 34.39 ng
RT: 10.04 min Scan# 1377
Delta R.T. 0.02 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.8	73.2
227	62.0	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: 37.39 ng/mL

RT: 10.57 min Scan# 1467

Delta R.T. 0.03 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

ClientSampleId :

051617-05MSD

Tot Ion:113 Resp: 44638

Ion Ratio Lower Upper

113 100

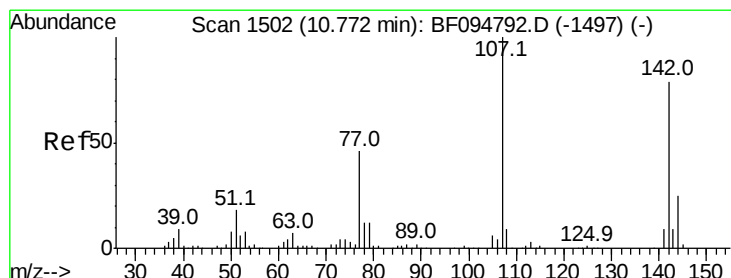
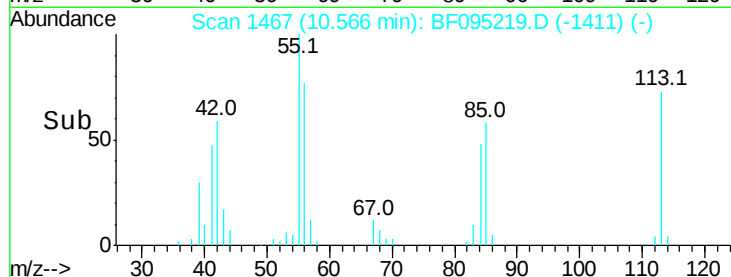
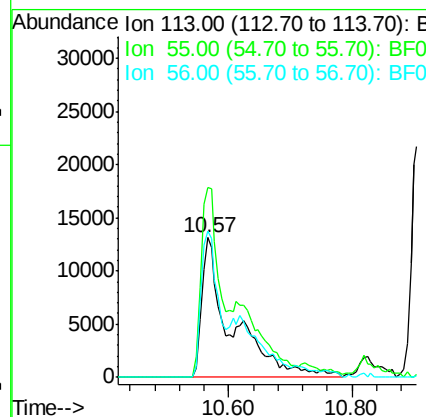
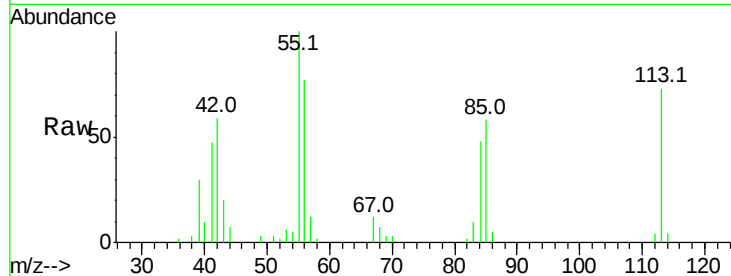
55 136.3 150.2 190.2#

56 105.1 107.8 147.8#

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#36

4-Chloro-3-methylphenol

Concen: 34.25 ng/mL

RT: 10.82 min Scan# 1510

Delta R.T. 0.05 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

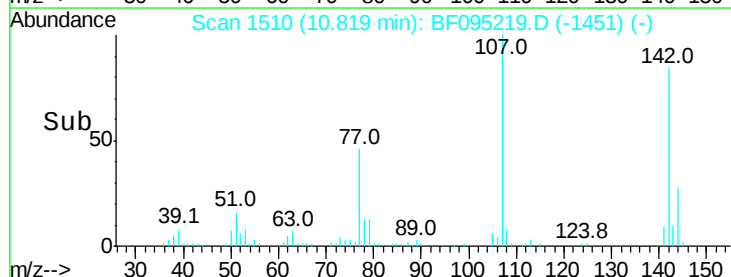
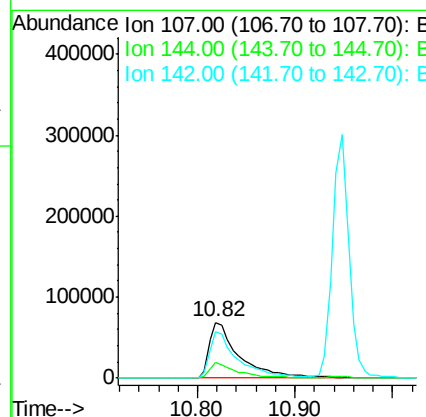
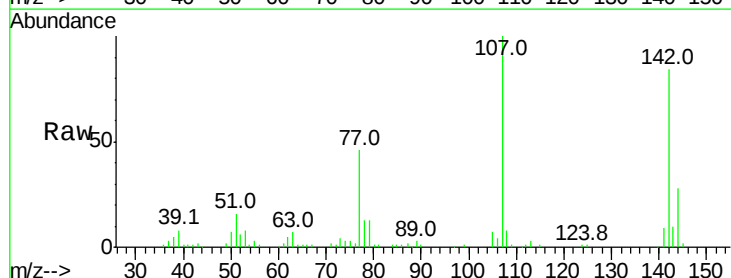
Tgt Ion:107 Resp: 145607

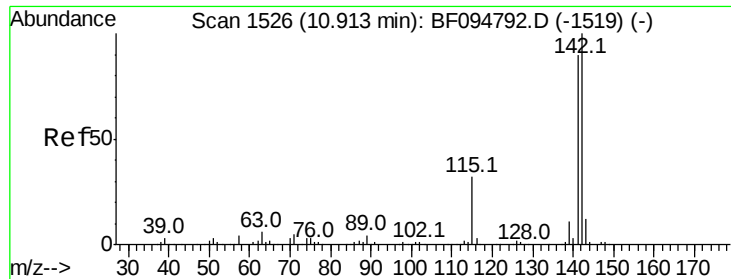
Ion Ratio Lower Upper

107 100

144 28.0 24.2 36.4

142 84.1 73.4 110.0





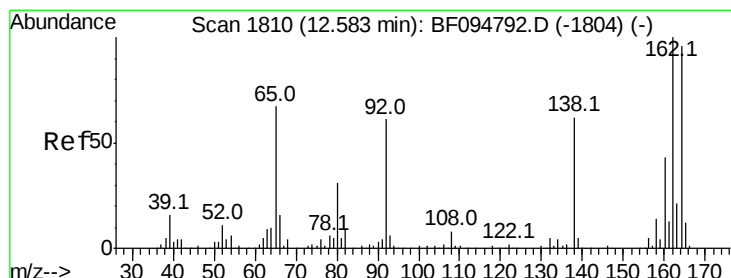
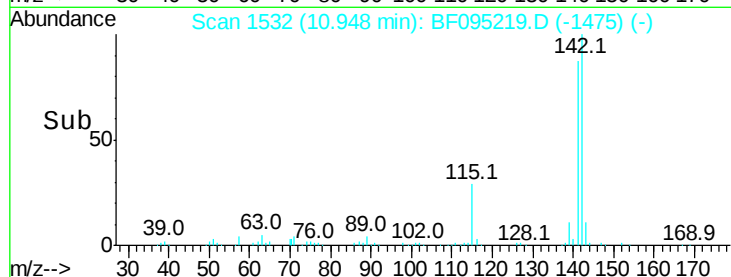
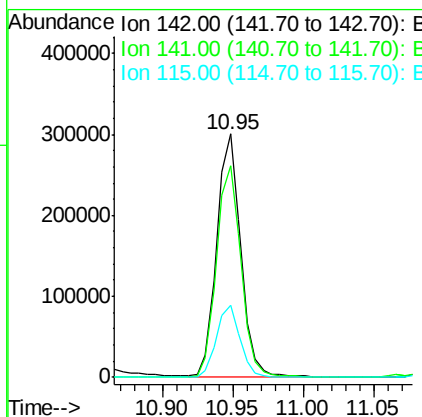
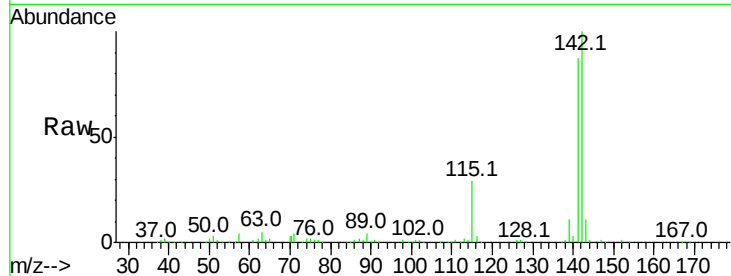
#37
2-Methylnaphthalene
Concen: 37.03 ng
RT: 10.95 min Scan# 1532
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	354654		
141	86.9	71.3	106.9	
115	29.5	27.1	40.7	

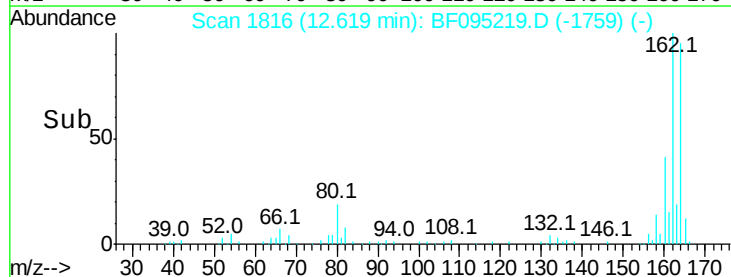
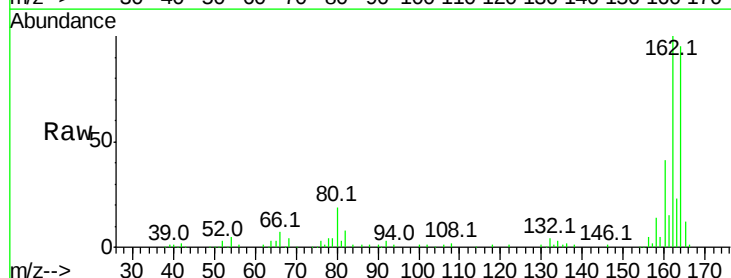
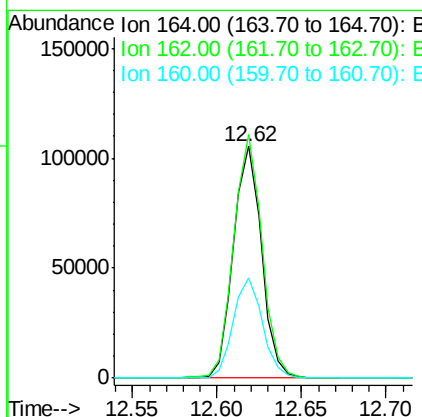
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.62 min Scan# 1816
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	121704		
162	105.1	82.6	123.8	
160	43.3	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.06 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.04 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

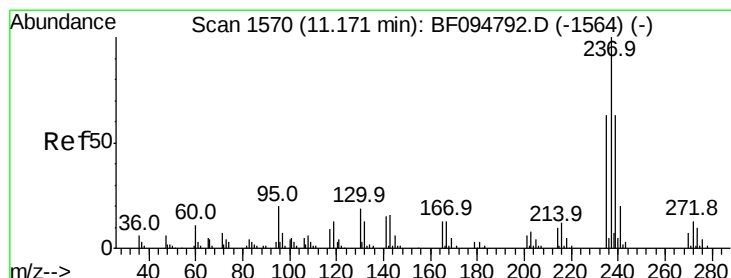
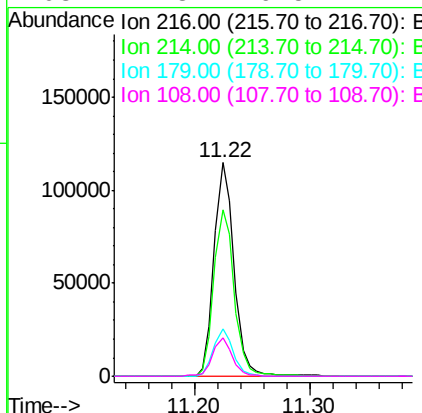
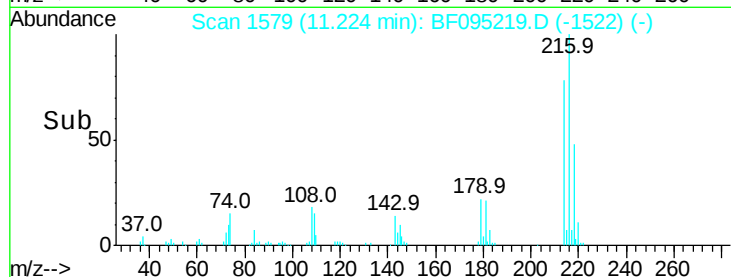
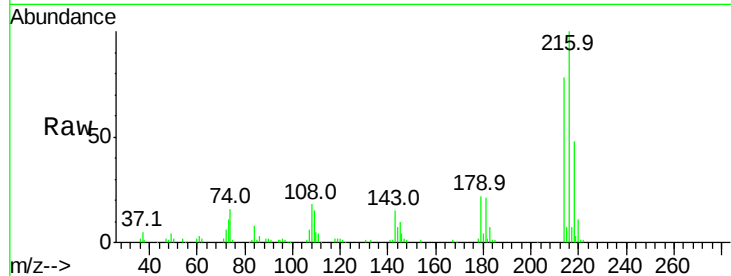
ClientSampleId :

051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	138700		
214	79.7	63.4	95.2	
179	21.9	17.9	26.9	
108	17.8	16.5	24.7	

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#40

Hexachlorocyclopentadiene

Concen: 13.23 ng

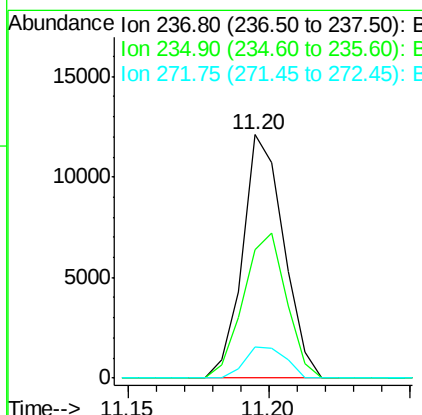
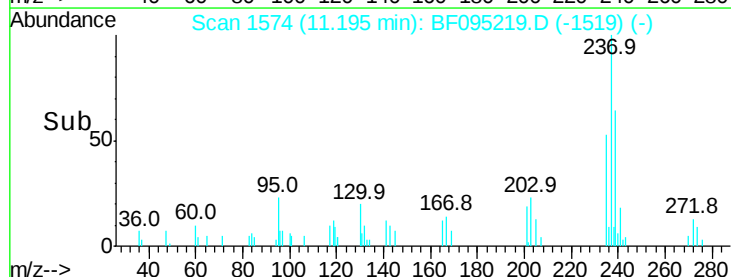
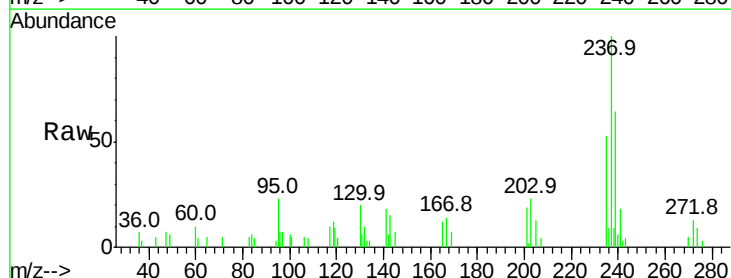
RT: 11.20 min Scan# 1574

Delta R.T. 0.02 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	12218		
235	53.0	42.6	82.6	
272	12.8	0.0	31.9	





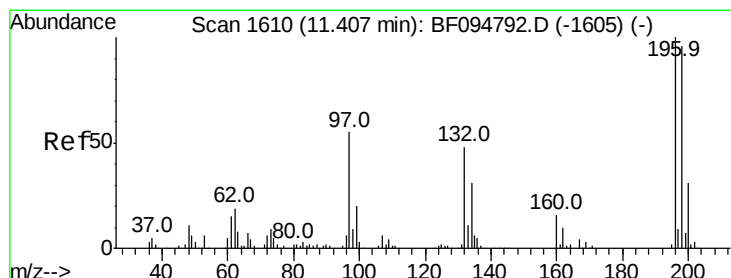
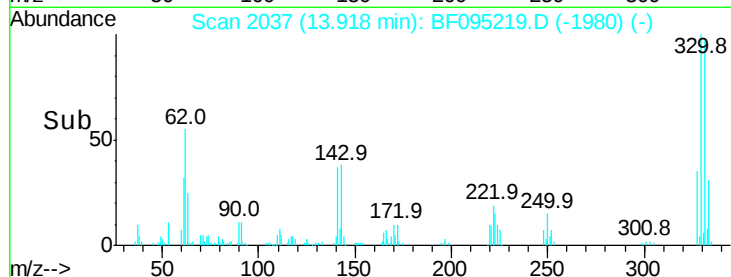
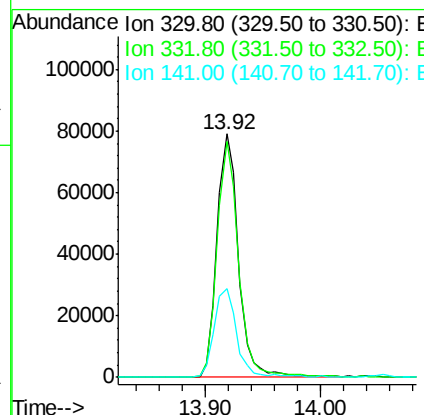
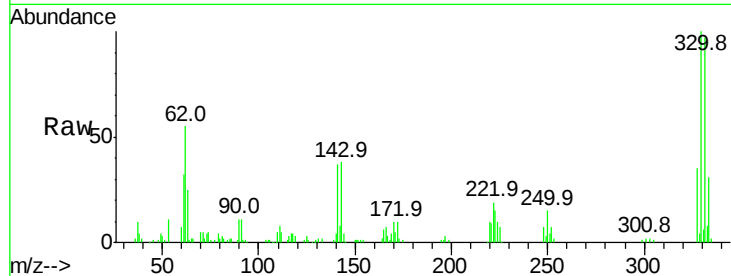
#41
 2,4,6-Tribromophenol
 Concen: 103.30 ng
 RT: 13.92 min Scan# 2037
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	76.6	115.0	
141	38.2	31.4	47.2	

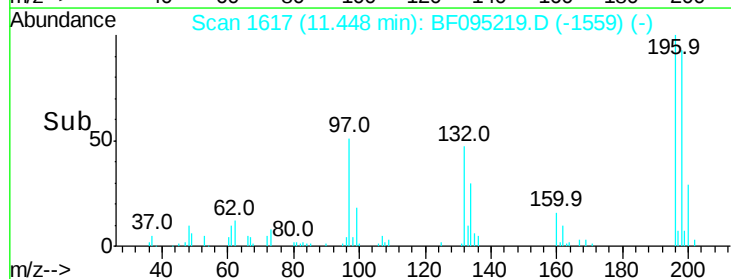
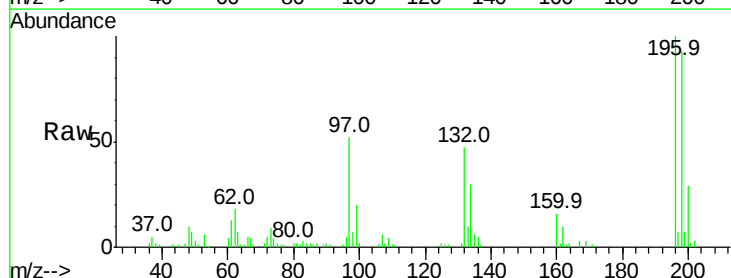
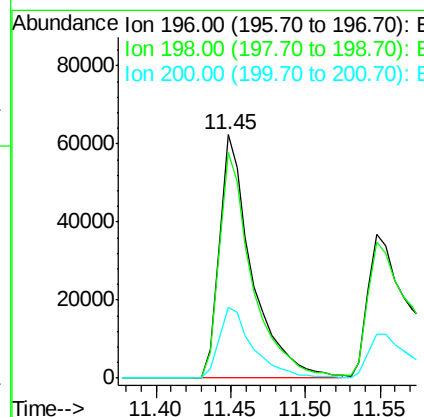
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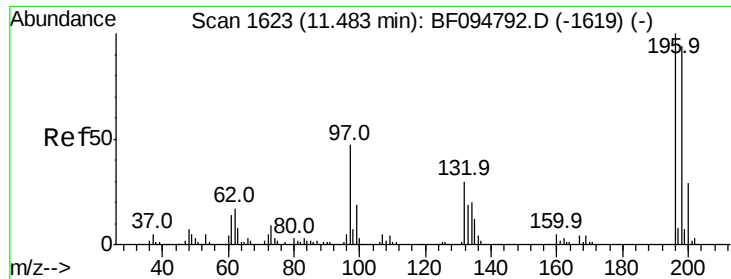
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#42
 2,4,6-Trichlorophenol
 Concen: 37.94 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	92.7	74.2	111.4	
200	29.0	24.0	36.0	





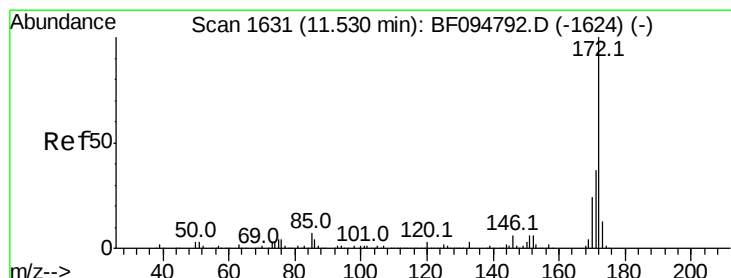
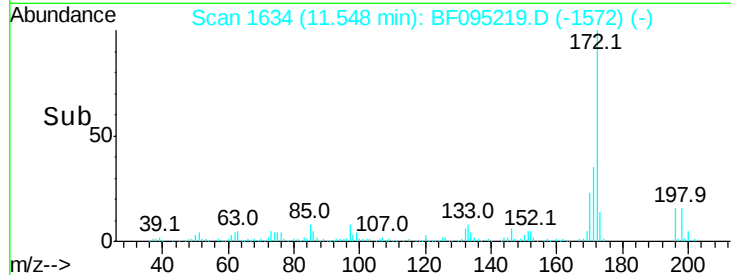
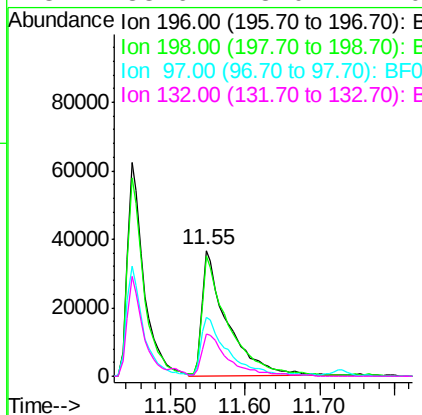
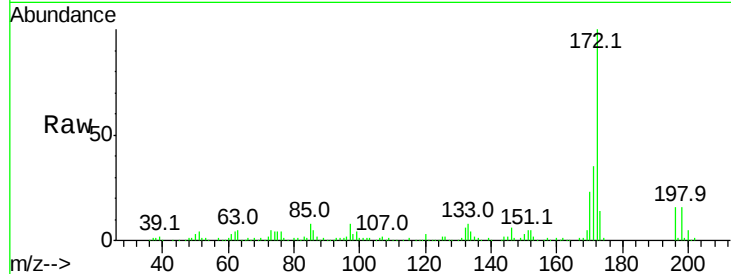
#43
 2,4,5-Trichlorophenol
 Concen: 32.26 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.06 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	86641		
198	95.0	75.7	113.5	
97	46.7	47.7	71.5#	
132	33.6	28.0	42.0	

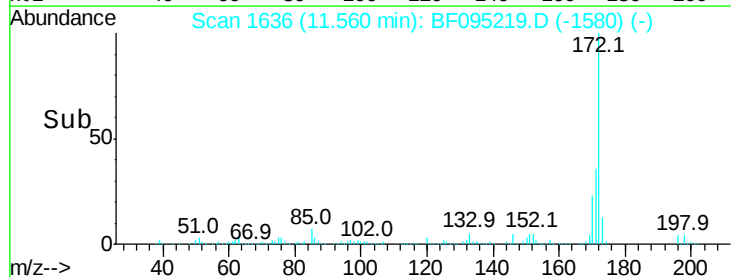
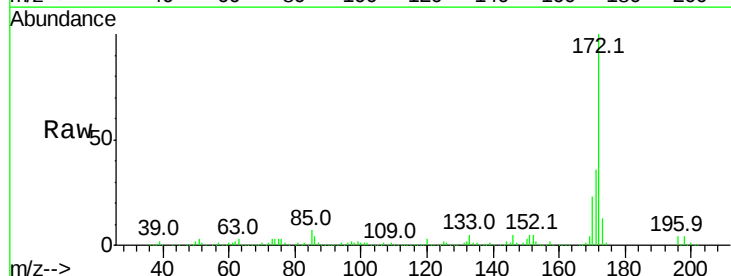
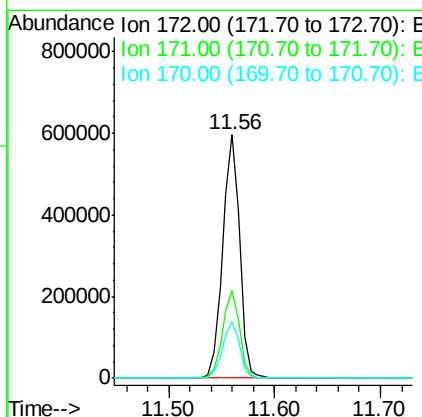
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#44
 2-Fluorobiphenyl
 Concen: 78.98 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.03 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	667846		
171	36.1	29.6	44.4	
170	23.4	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 38.78 ng

RT: 11.71 min Scan# 1662

Delta R.T. 0.03 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

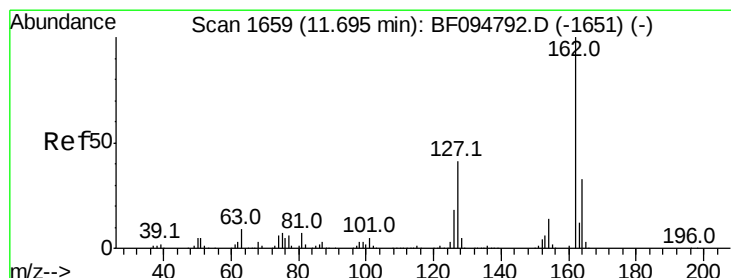
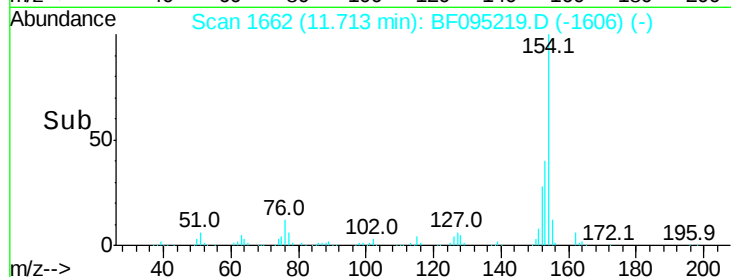
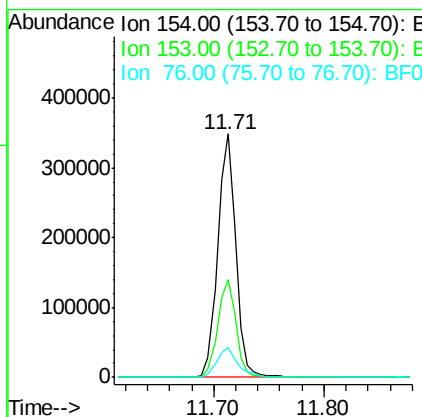
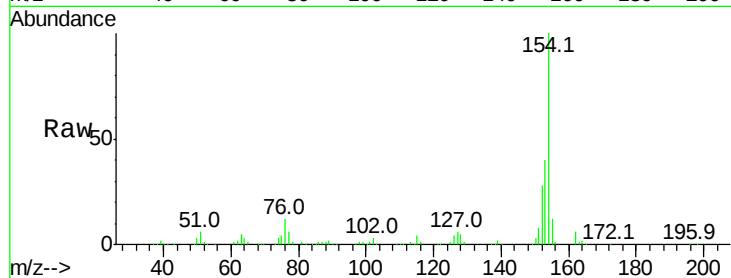
ClientSampleId :

051617-05MSD

Tot Ion:	154	Resp:	397350
Ion Ratio	Lower	Upper	
154	100		
153	40.0	21.2	61.2
76	12.2	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 37.02 ng

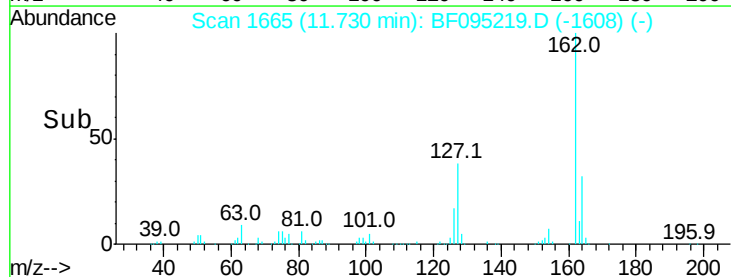
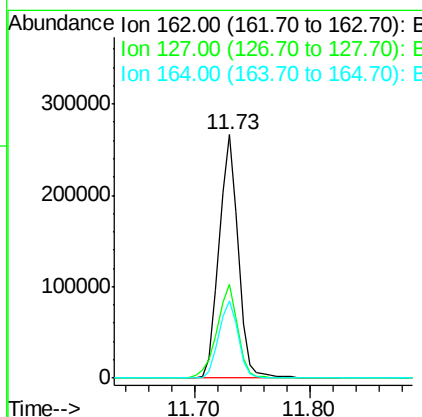
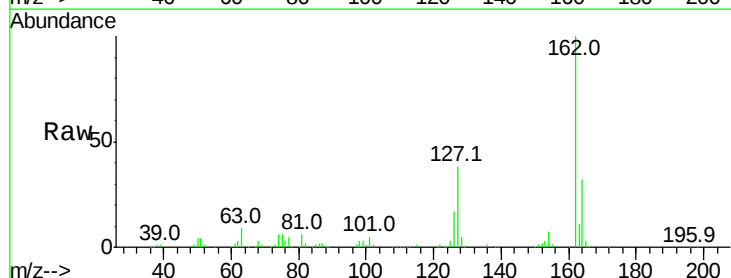
RT: 11.73 min Scan# 1665

Delta R.T. 0.04 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Tgt Ion:	162	Resp:	306263
Ion Ratio	Lower	Upper	
162	100		
127	38.5	28.3	42.5
164	31.9	27.0	40.4





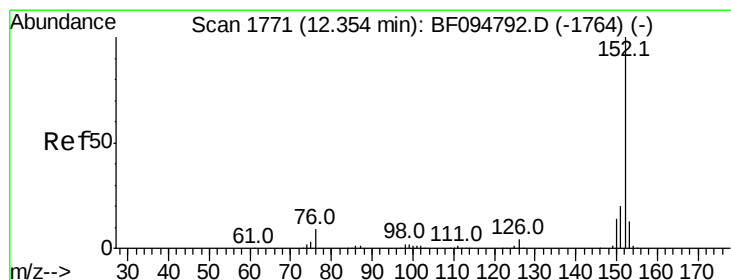
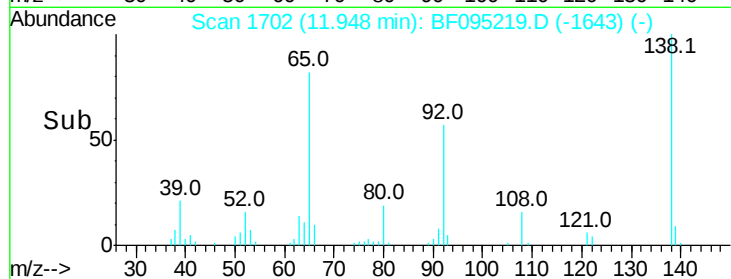
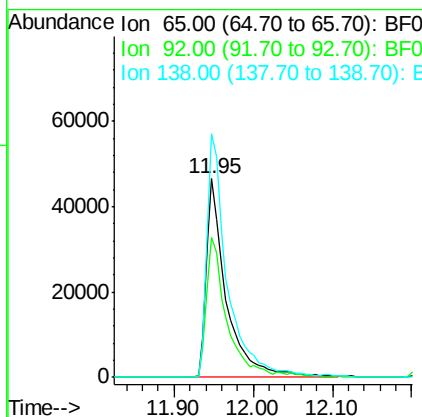
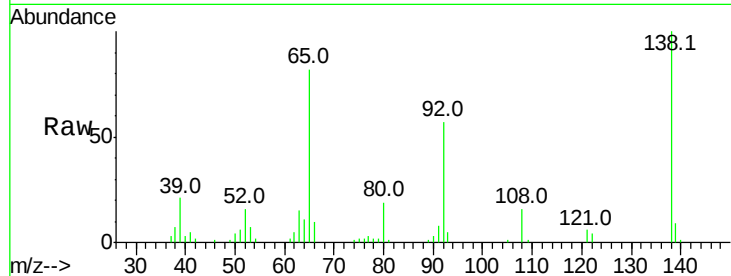
#47
 2-Nitroaniline
 Concen: 36.19 ng
 RT: 11.95 min Scan# 1702
 Delta R.T. 0.05 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.3	53.9	80.9
138	122.5	78.8	118.2

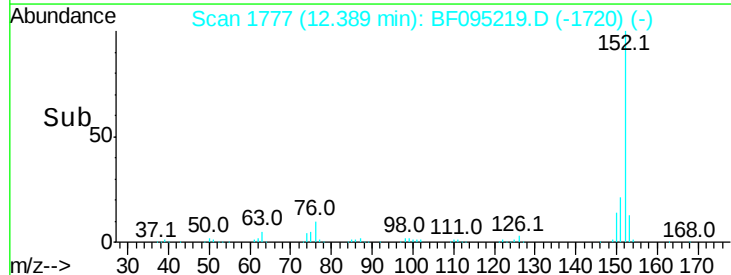
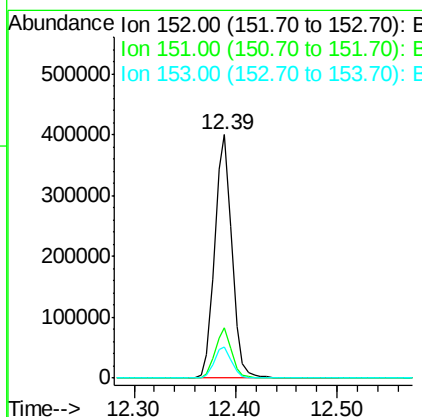
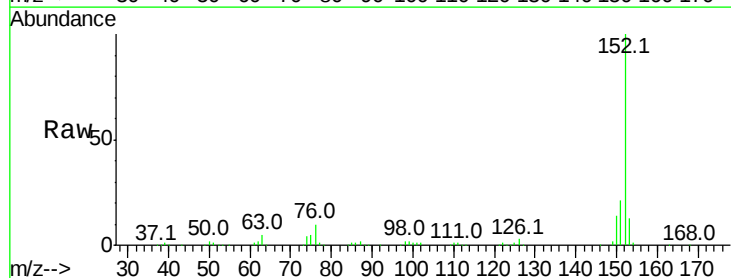
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#48
 Acenaphthylene
 Concen: 36.33 ng
 RT: 12.39 min Scan# 1777
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	12.7	10.8	16.2





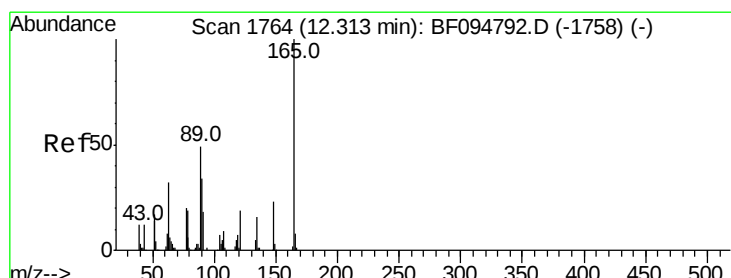
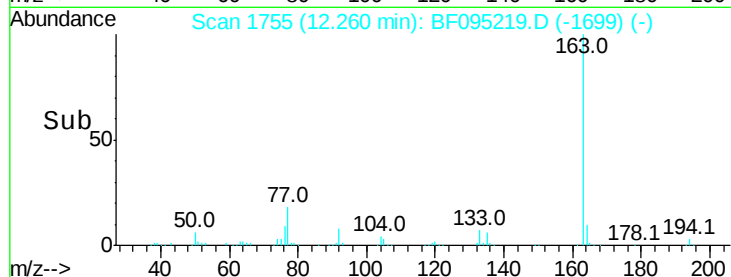
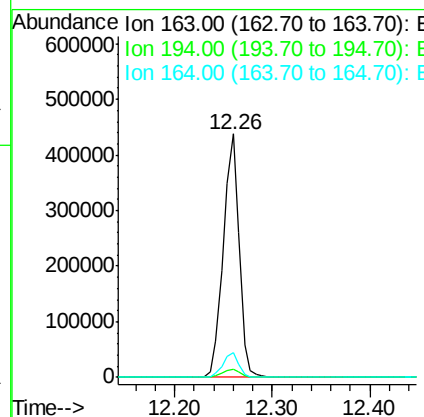
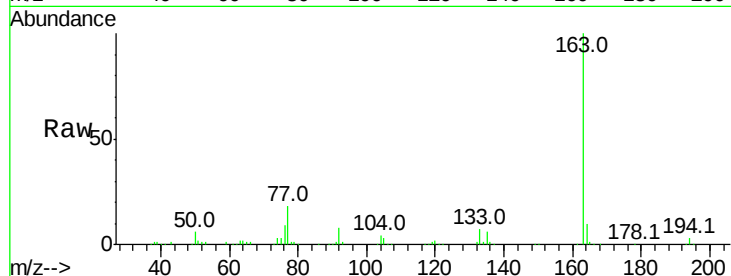
#49
Dimethylphthalate
Concen: 49.50 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.03 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.1	8.4	12.6	

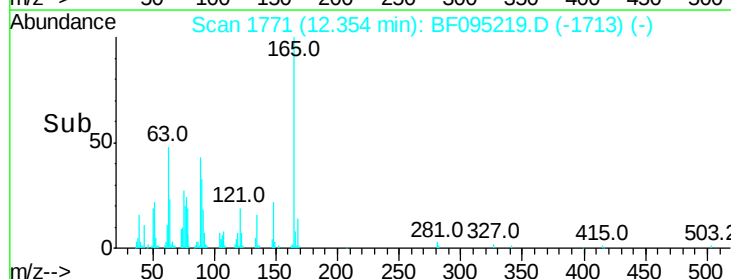
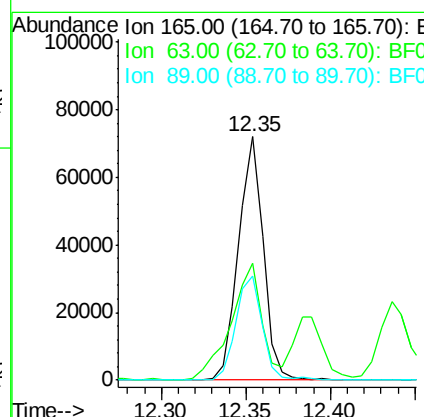
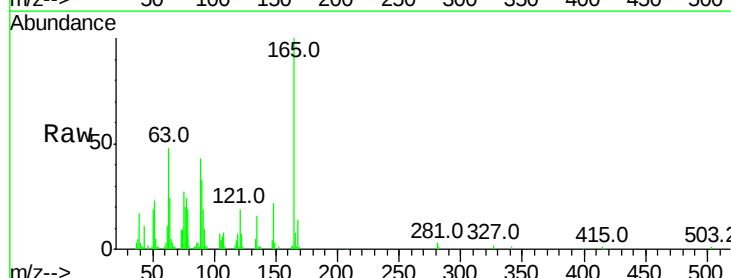
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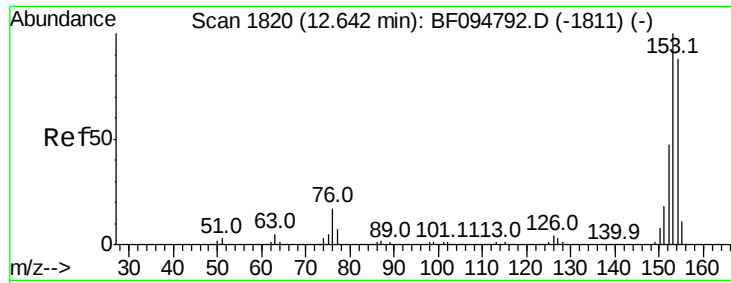
mohammad
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#50
2,6-Dinitrotoluene
Concen: 35.98 ng
RT: 12.35 min Scan# 1771
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.2	34.3	51.5	
89	42.6	37.1	55.7	





#51

Acenaphthene

Concen: 36.01 ng

RT: 12.67 min Scan# 1825

Delta R.T. 0.03 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

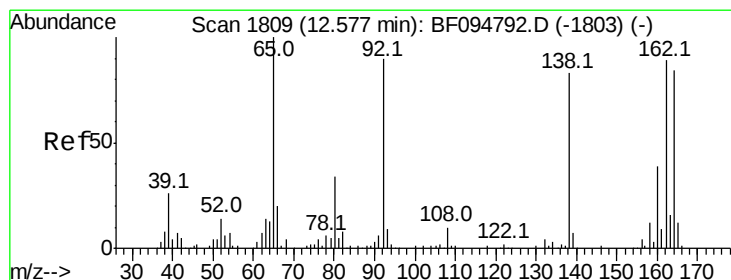
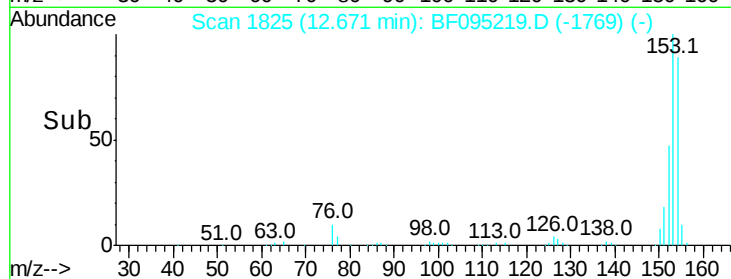
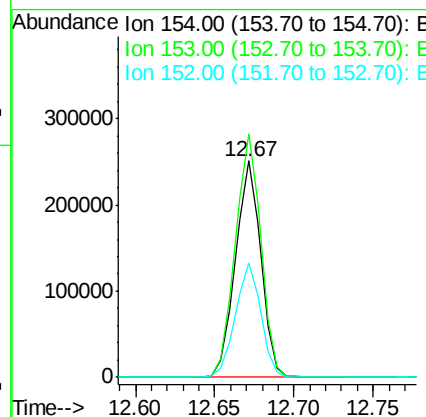
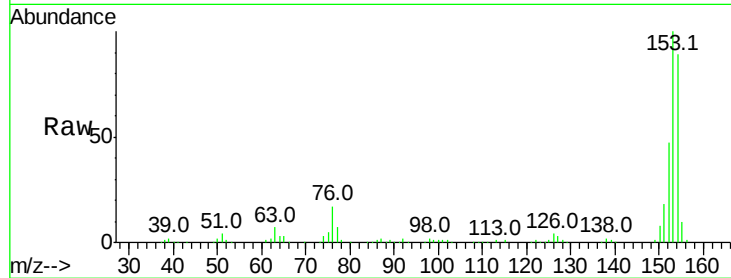
ClientSampleId :

051617-05MSD

Tot Ion:	154	Resp:	278766
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.5	135.7
152	53.1	43.6	65.4

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#52

3-Nitroaniline

Concen: 25.64 ng

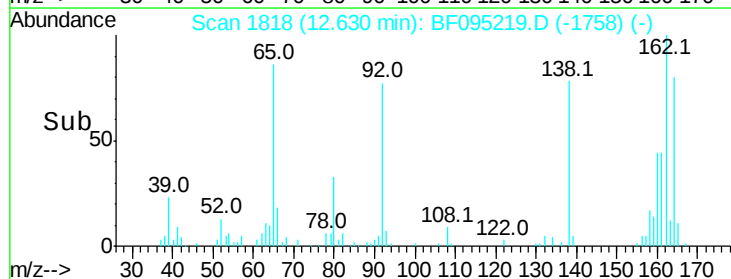
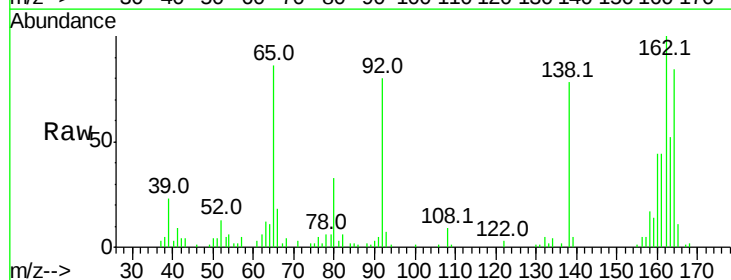
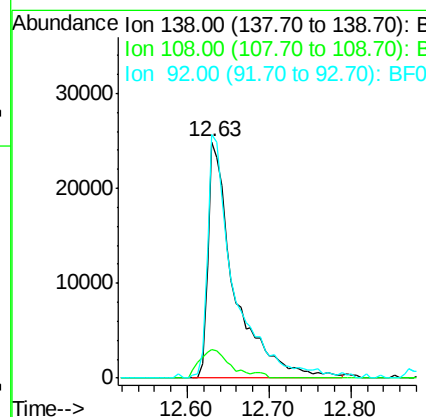
RT: 12.63 min Scan# 1818

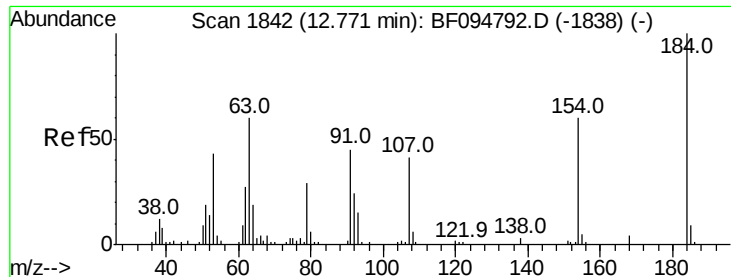
Delta R.T. 0.05 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Tgt Ion:	138	Resp:	56092
Ion Ratio	Lower	Upper	
138	100		
108	12.2	9.1	13.7
92	103.1	93.8	140.6





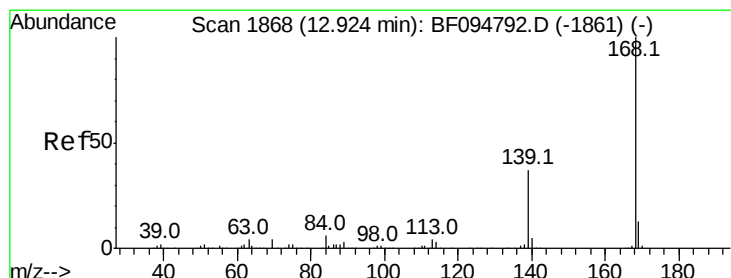
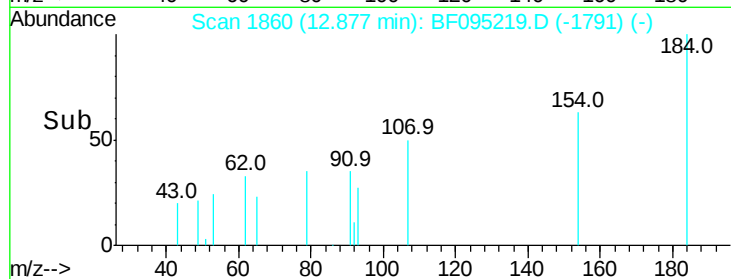
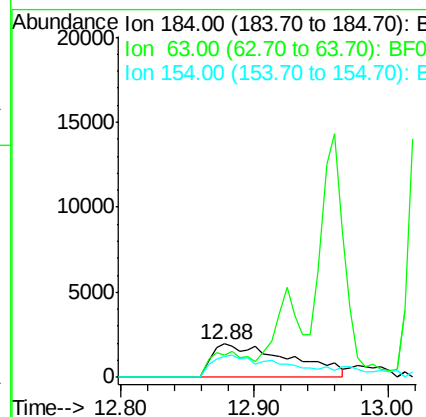
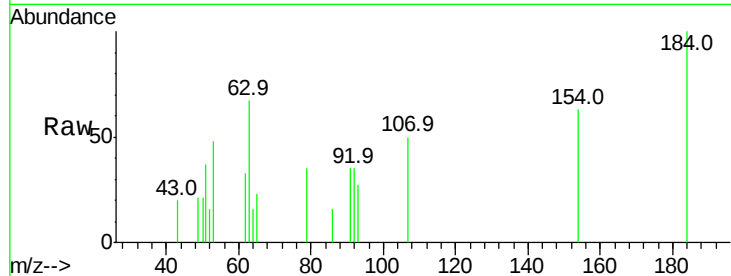
#53
 2,4-Dinitrophenol
 Concen: 12.74 ng
 RT: 12.88 min Scan# 1860
 Delta R.T. 0.11 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MSD

Tot Ion:184 Resp: 7906
 Ion Ratio Lower Upper
 184 100
 63 67.3 62.7 94.1
 154 63.0 81.1 121.7#

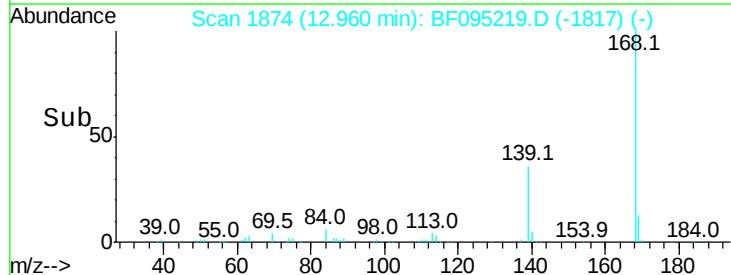
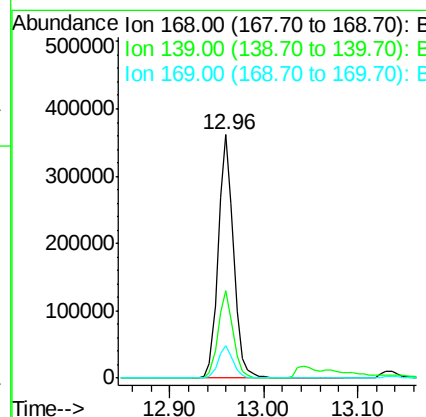
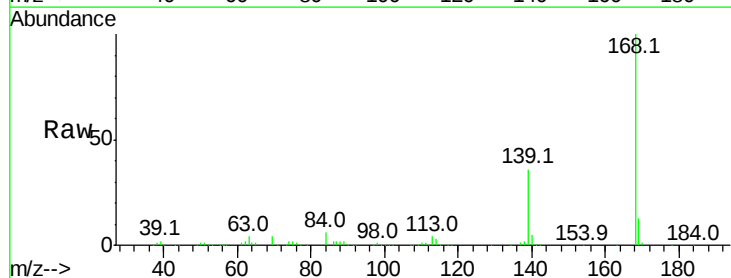
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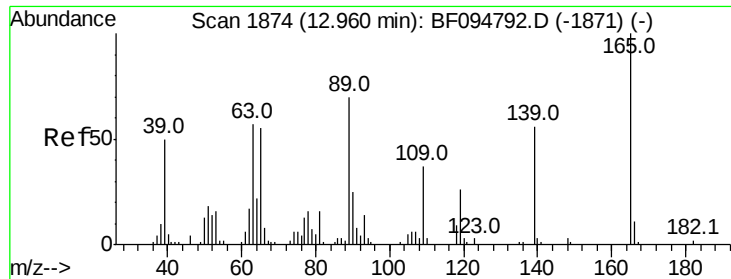
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#54
 Dibenzofuran
 Concen: 38.86 ng
 RT: 12.96 min Scan# 1874
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Tgt Ion:168 Resp: 416229
 Ion Ratio Lower Upper
 168 100
 139 35.9 30.6 45.8
 169 13.4 10.8 16.2





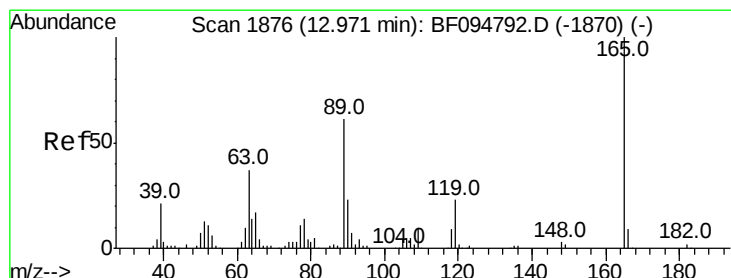
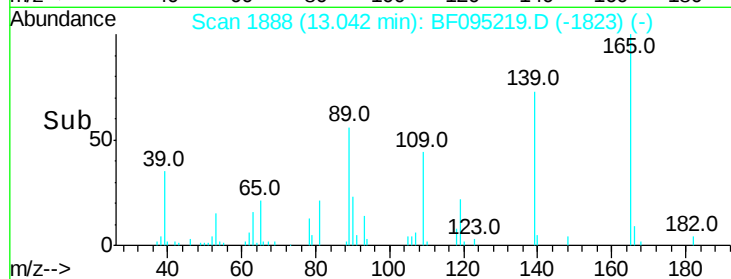
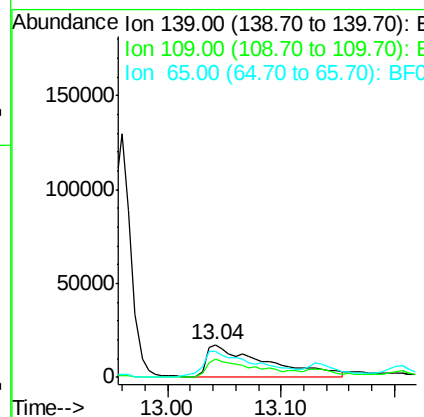
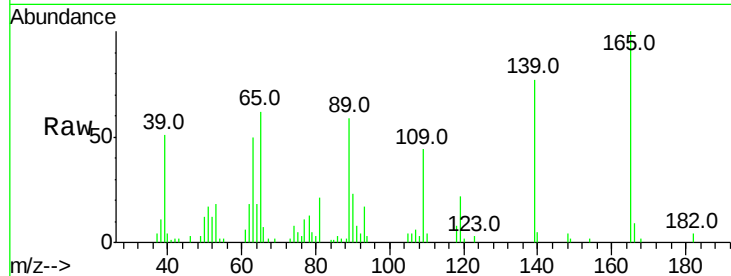
#55
4-Nitrophenol
Concen: 48.07 ng/ml
RT: 13.04 min Scan# 1888
Delta R.T. 0.08 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion:139 Resp: 63159
Ion Ratio Lower Upper
139 100
109 57.1 34.1 74.1
65 80.1 31.4 71.4#

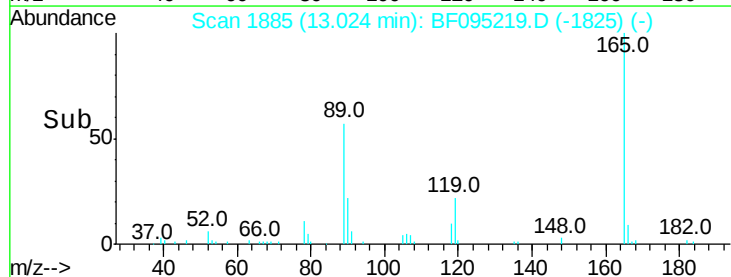
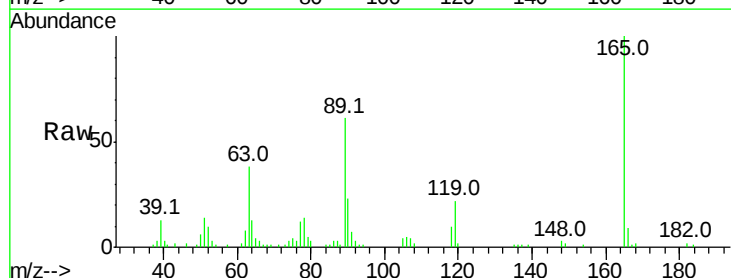
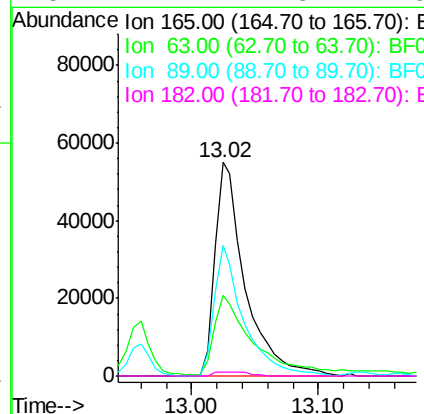
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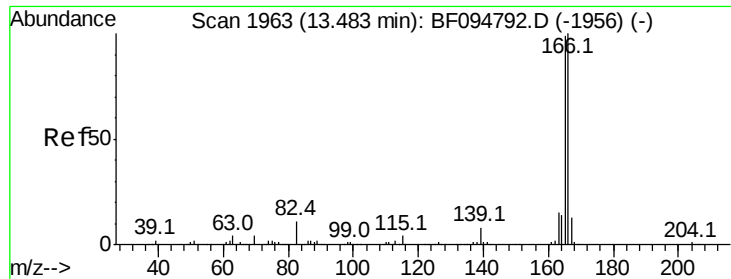
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#56
2,4-Dinitrotoluene
Concen: 35.07 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.05 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion:165 Resp: 91863
Ion Ratio Lower Upper
165 100
63 37.6 25.4 38.0
89 61.1 46.4 69.6
182 2.1 1.8 2.6





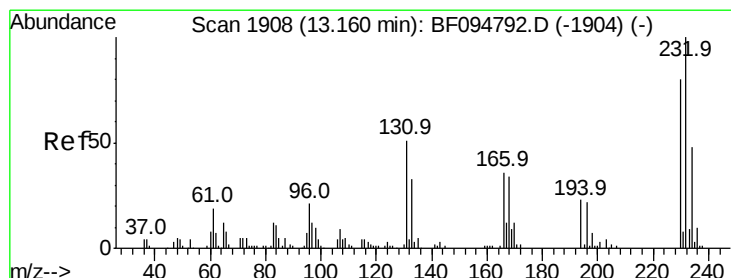
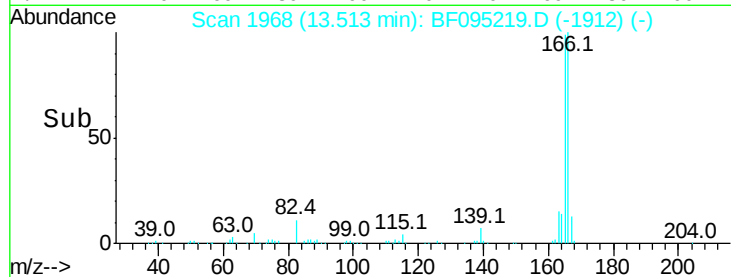
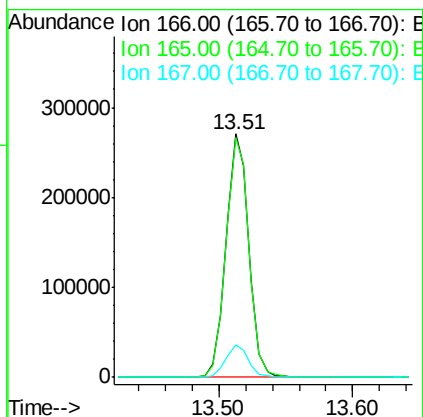
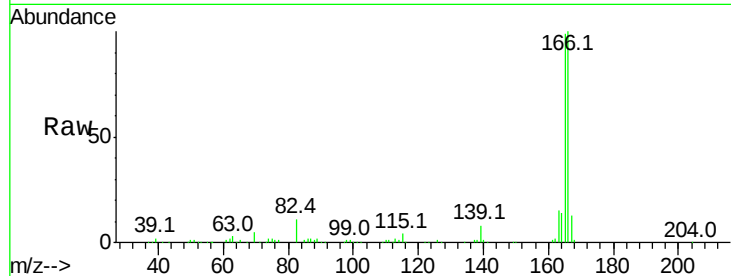
#57
 Fluorene
 Concen: 34.87 ng
 RT: 13.51 min Scan# 1968
 Delta R.T. 0.03 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.7	78.8	118.2	
167	13.1	10.6	16.0	

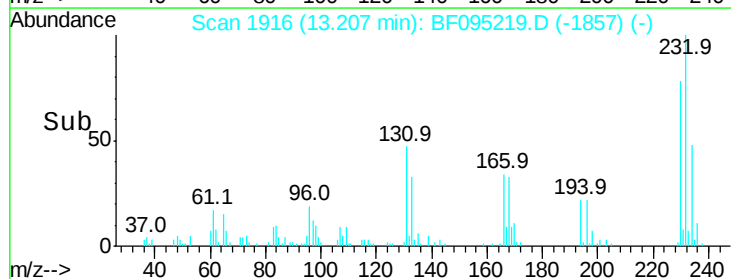
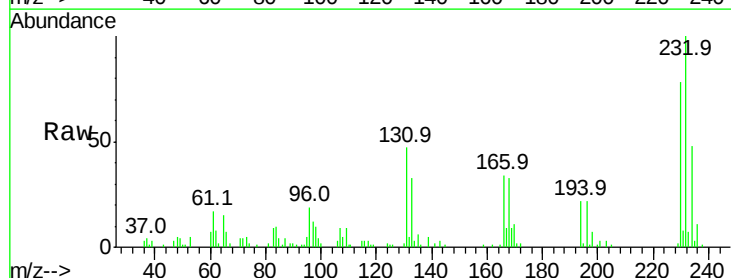
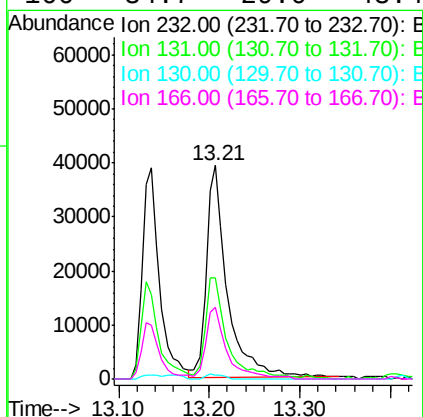
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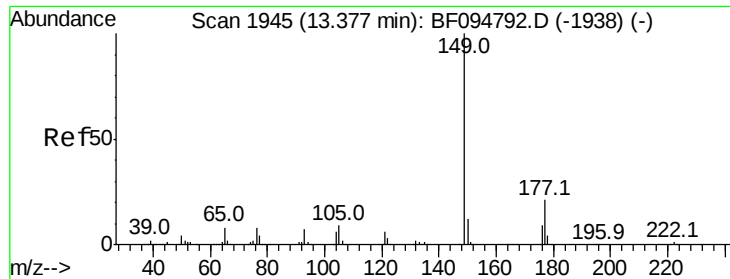
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.85 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.05 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	47.6	44.8	67.2	
130	1.8	2.3	3.5#	
166	34.7	29.0	43.4	





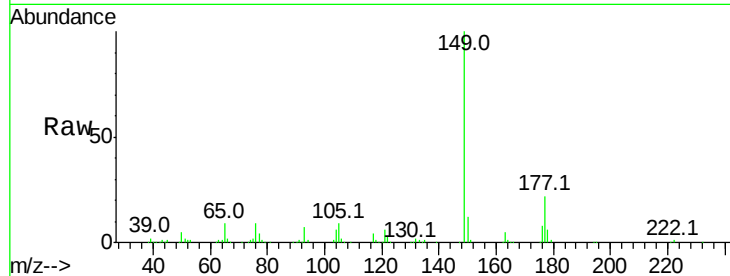
#59
Diethylphthalate
Concen: 35.36 ng
RT: 13.41 min Scan# 1950
Delta R.T. 0.03 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

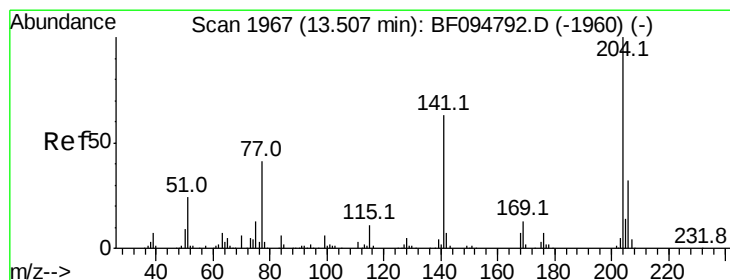
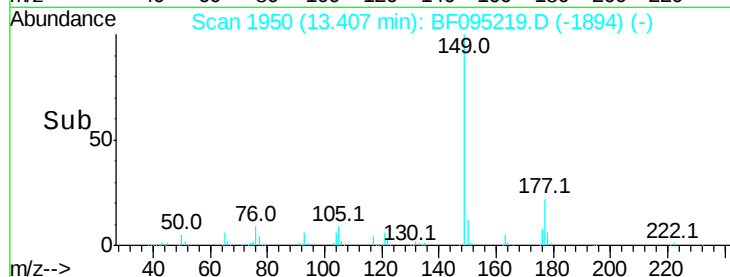
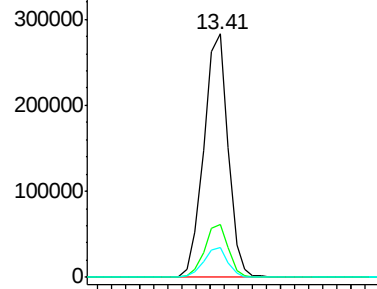
Tot Ion	Ratio	Resp	Lower	Upper
149	100	338660		
177	21.7	16.7	25.1	
150	12.1	10.2	15.2	

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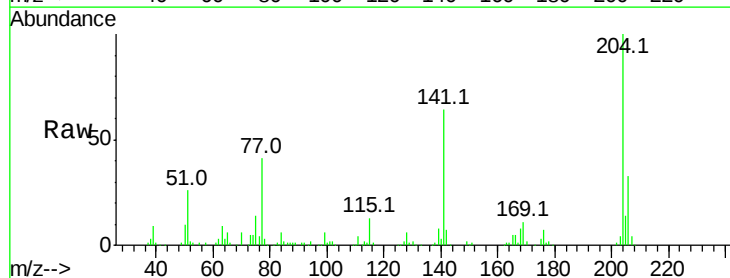


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

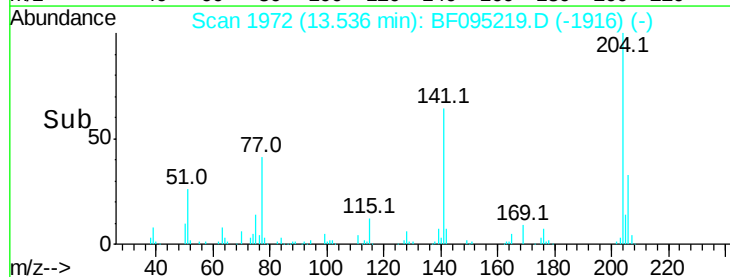
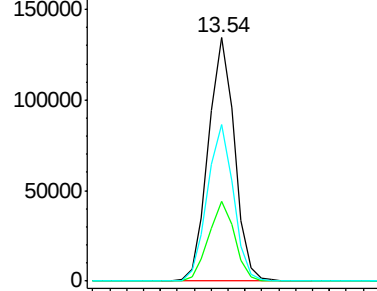


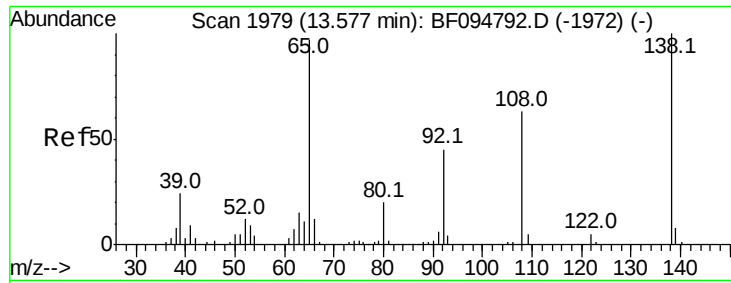
#60
4-Chlorophenyl-phenylether
Concen: 35.41 ng
RT: 13.54 min Scan# 1972
Delta R.T. 0.03 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	144965		
206	32.8	26.2	39.2	
141	64.4	60.8	91.2	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





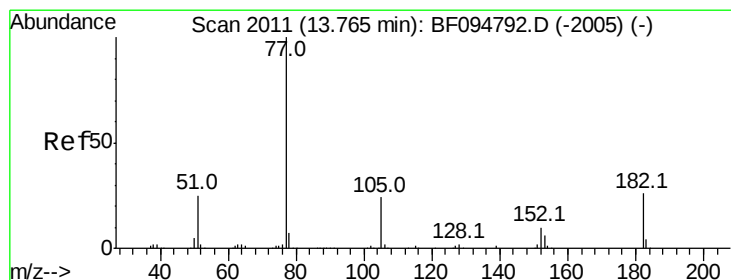
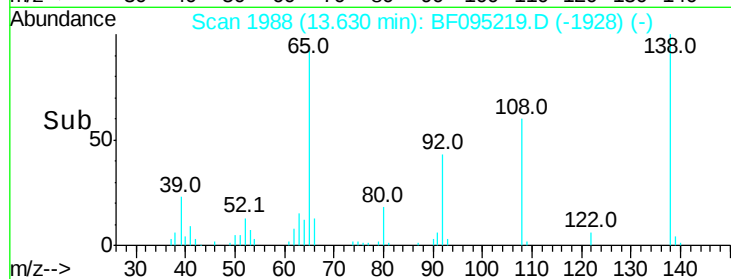
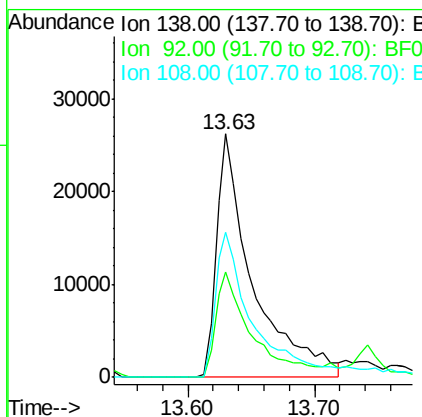
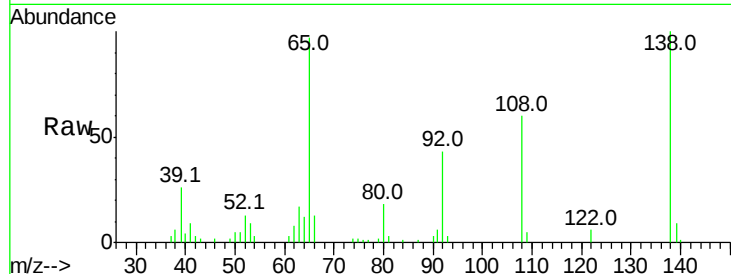
#61
4-Nitroaniline
Concen: 25.95 ng
RT: 13.63 min Scan# 1988
Delta R.T. 0.05 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion:	138	Resp:	52114
Ion Ratio	Lower	Upper	
138	100		
92	43.4	21.8	61.8
108	59.6	42.3	82.3

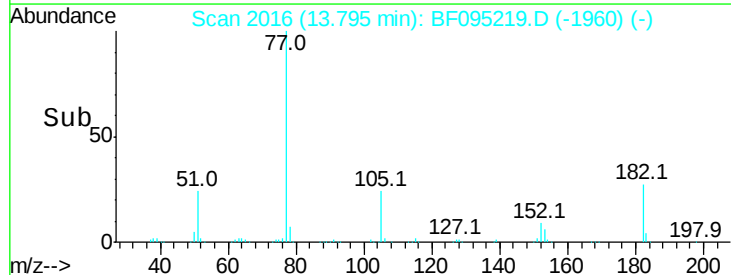
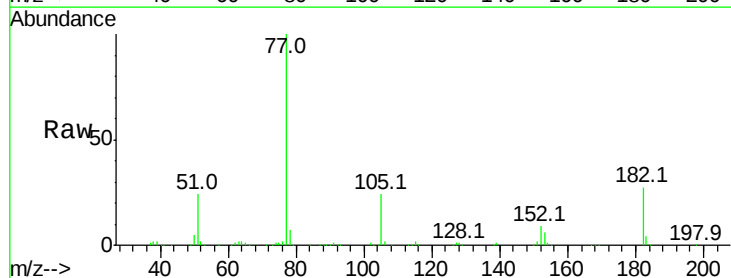
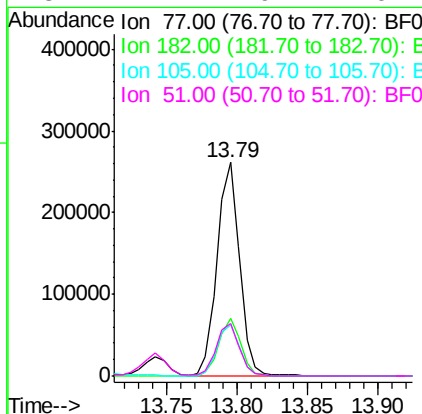
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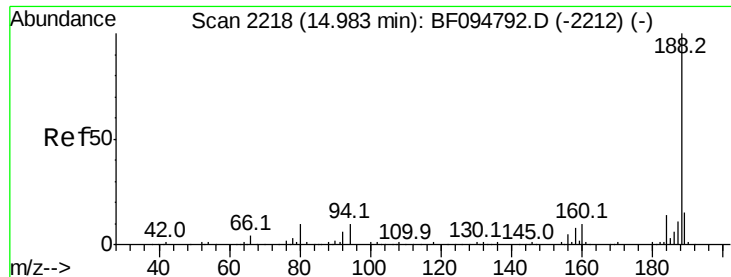
mohammad
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#62
Azobenzene
Concen: 37.84 ng
RT: 13.79 min Scan# 2016
Delta R.T. 0.03 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion:	77	Resp:	291183
Ion Ratio	Lower	Upper	
77	100		
182	27.0	0.1	40.1
105	24.3	3.6	43.6
51	24.4	9.4	49.4





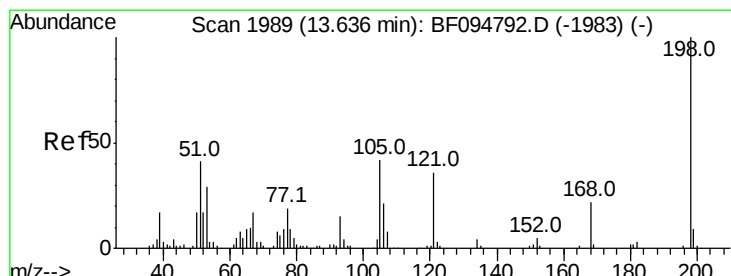
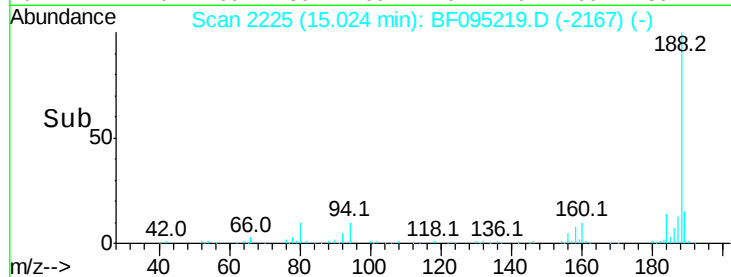
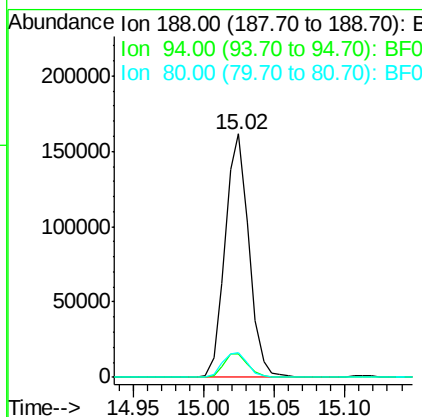
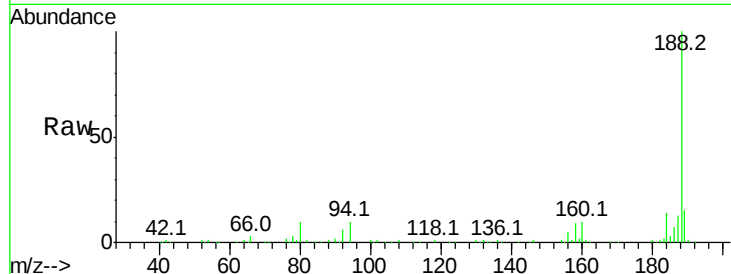
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	9.4	14.2
80	10.3	10.2	15.2

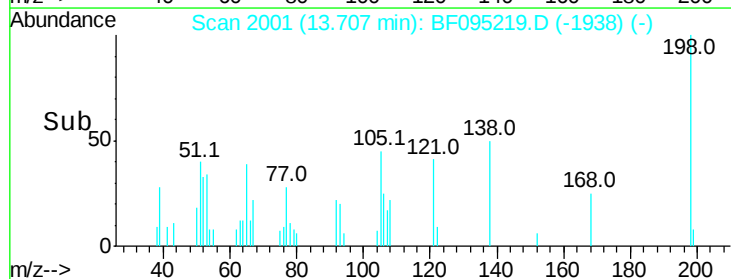
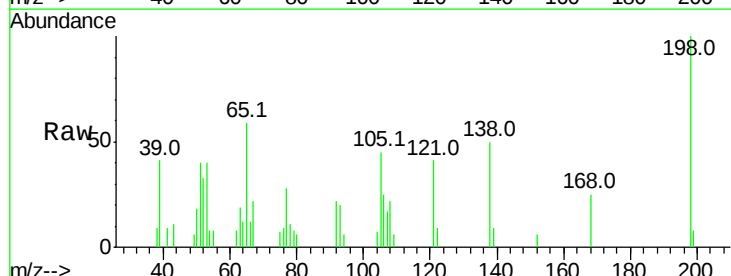
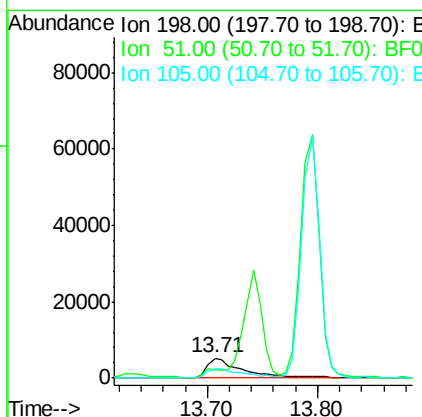
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.12 ng
 RT: 13.71 min Scan# 2001
 Delta R.T. 0.07 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	39.7	53.2	93.2#
105	45.1	45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 40.73 ng

RT: 13.74 min Scan# 2007

Delta R.T. 0.03 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

ClientSampleId :

051617-05MSD

Tot Ion:169 Resp: 279654

Ion Ratio Lower Upper

169 100

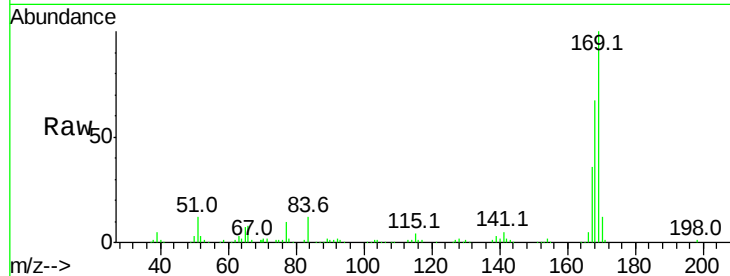
168 67.5 53.2 79.8

167 35.7 29.5 44.3

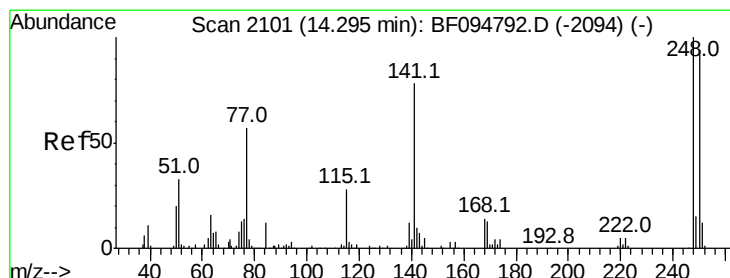
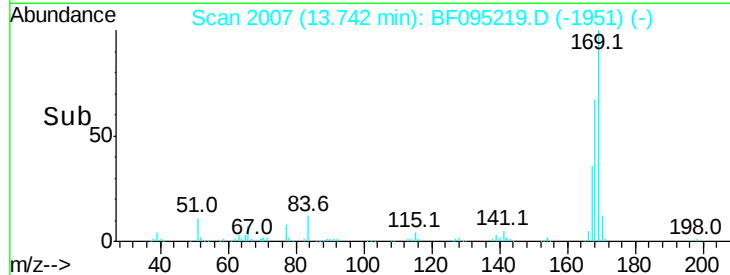
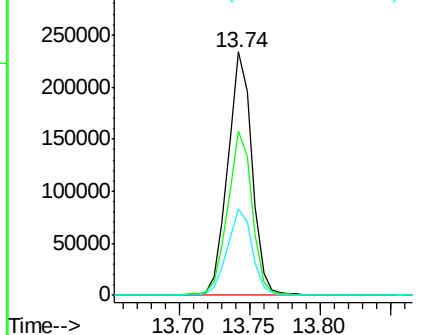
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.00 ng

RT: 14.32 min Scan# 2106

Delta R.T. 0.03 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

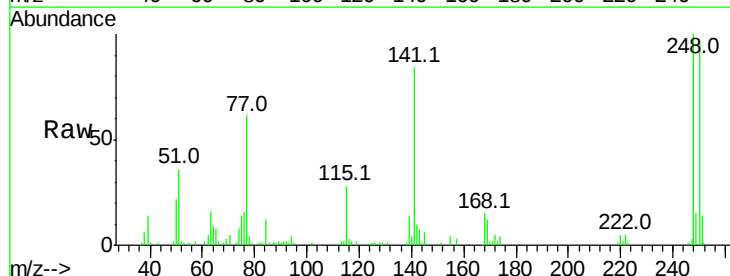
Tgt Ion:248 Resp: 75947

Ion Ratio Lower Upper

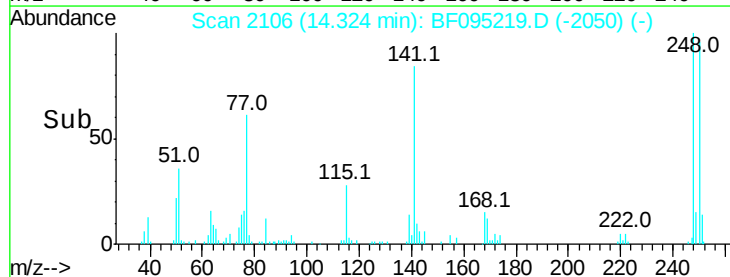
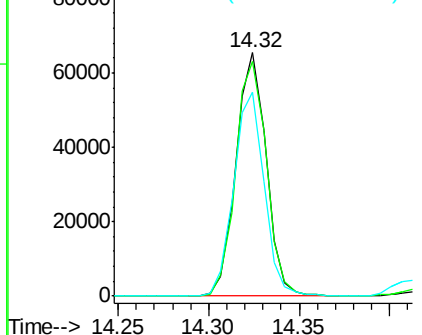
248 100

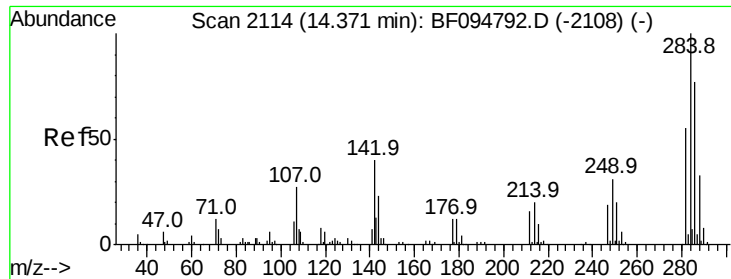
250 96.2 76.8 115.2

141 83.9 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.99 ng

RT: 14.41 min Scan# 2121

Delta R.T. 0.04 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

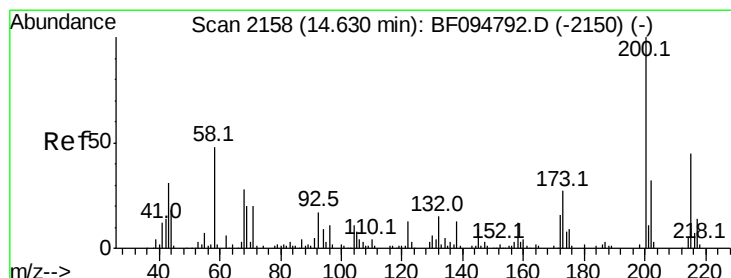
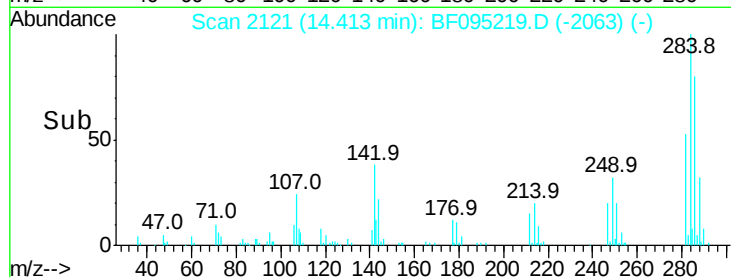
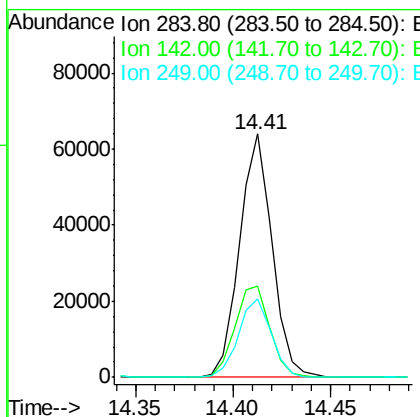
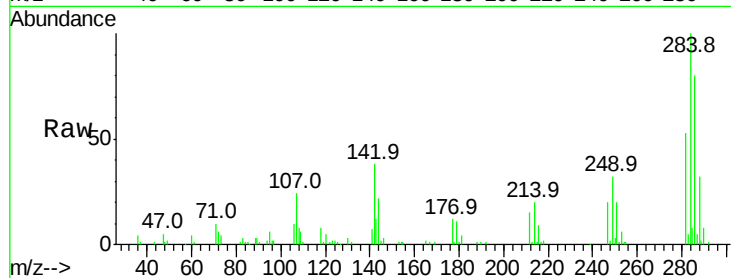
ClientSampleId :

051617-05MSD

Tot Ion:	284	Resp:	73722
Ion Ratio	Lower	Upper	
284	100		
142	37.6	22.8	34.2#
249	32.0	24.0	36.0

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#68

Atrazine

Concen: 38.95 ng

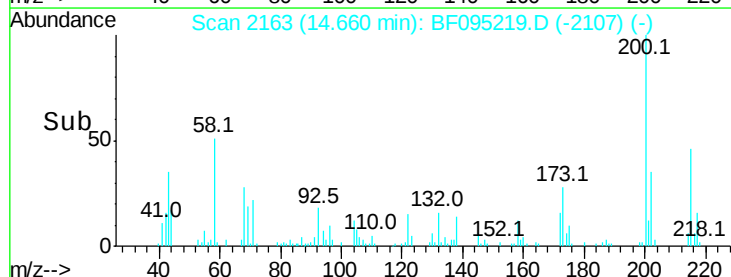
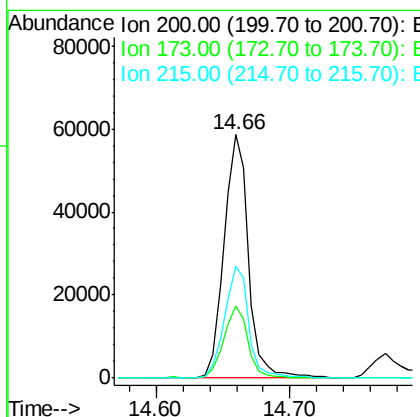
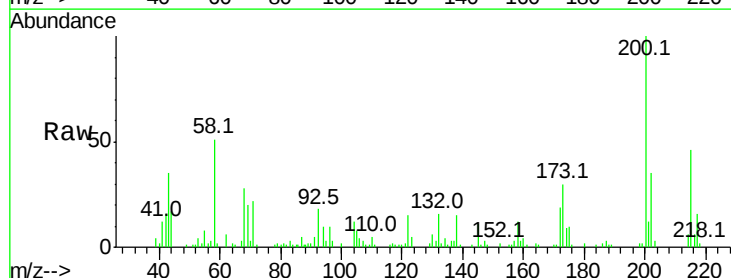
RT: 14.66 min Scan# 2163

Delta R.T. 0.03 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Tgt Ion:	200	Resp:	75512
Ion Ratio	Lower	Upper	
200	100		
173	29.7	6.3	46.3
215	46.1	27.2	67.2





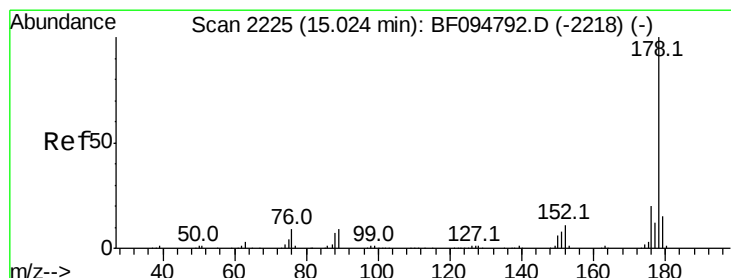
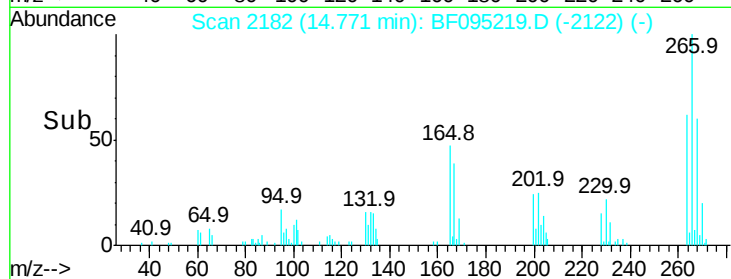
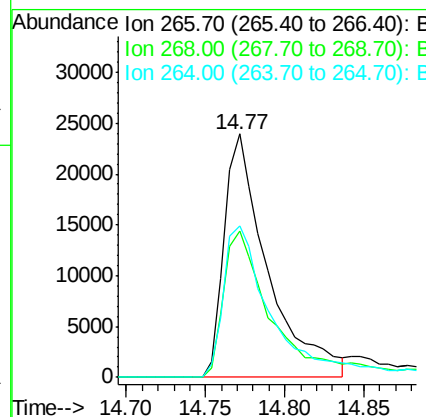
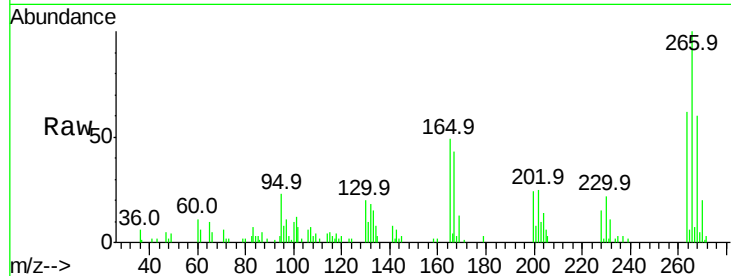
#69
 Pentachlorophenol
 Concen: 51.45 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.0	51.1	76.7
264	62.0	51.7	77.5

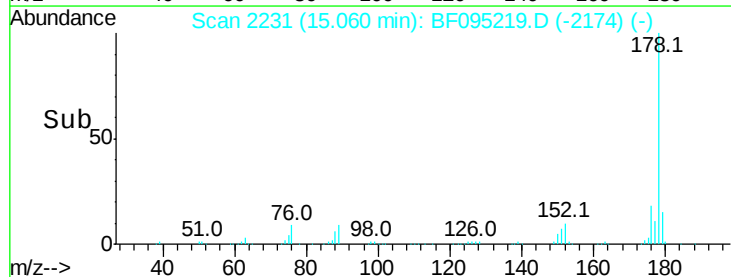
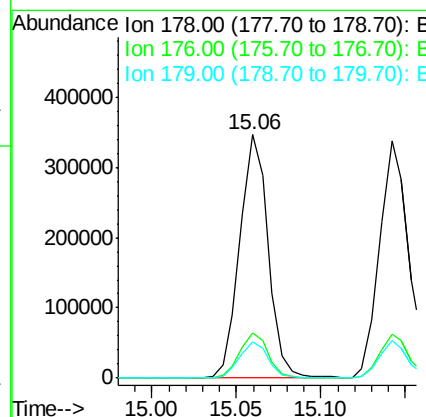
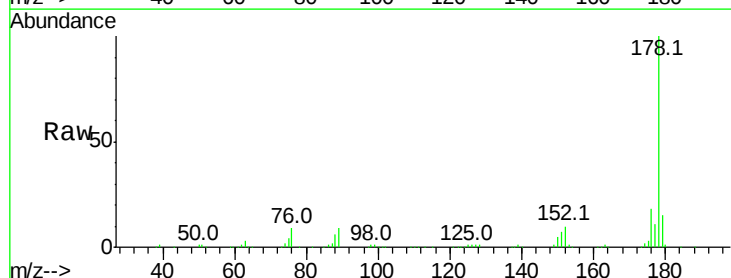
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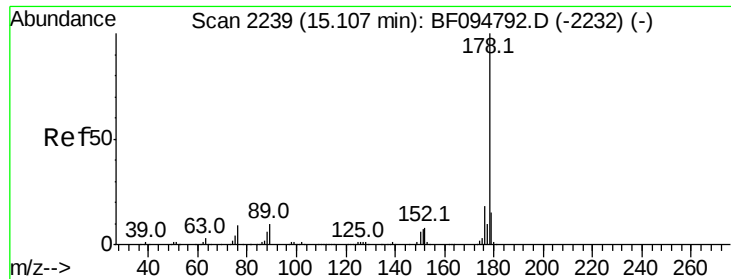
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#70
 Phenanthrene
 Concen: 37.51 ng
 RT: 15.06 min Scan# 2231
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.2	24.4
179	15.1	12.6	19.0





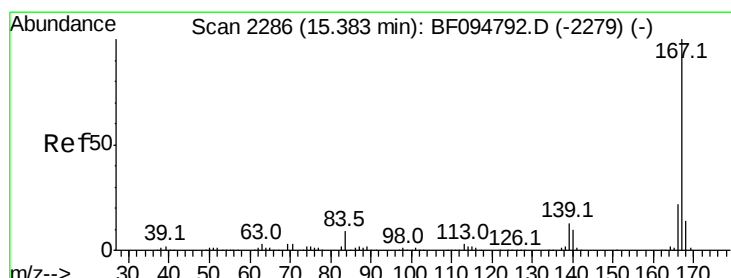
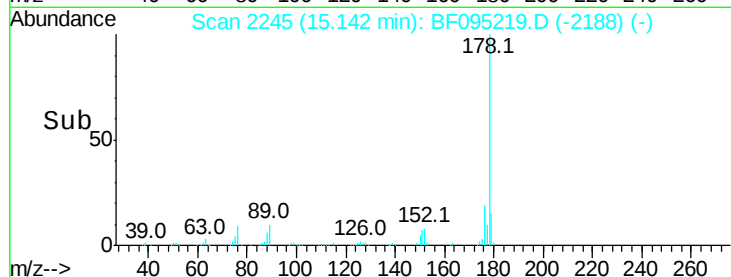
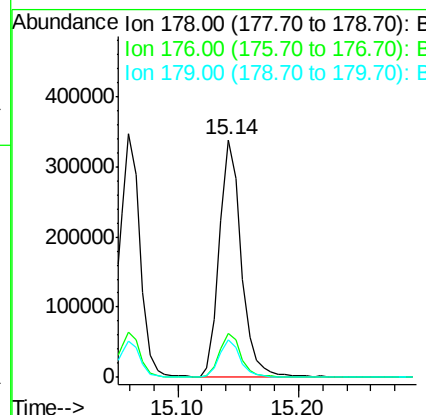
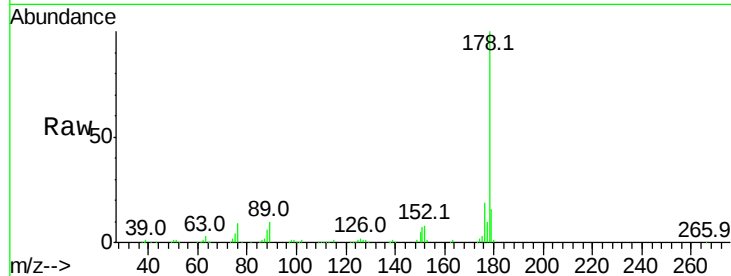
#71
 Anthracene
 Concen: 38.03 ng
 RT: 15.14 min Scan# 2245
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.6	12.7	19.1

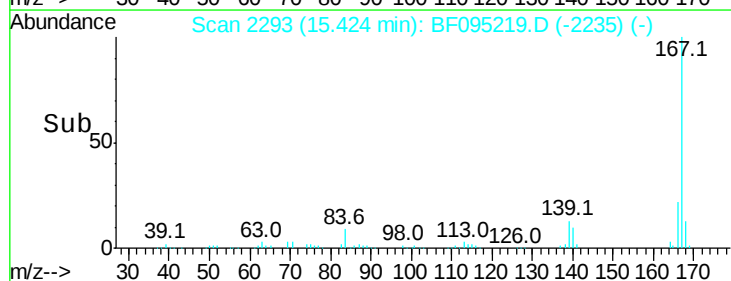
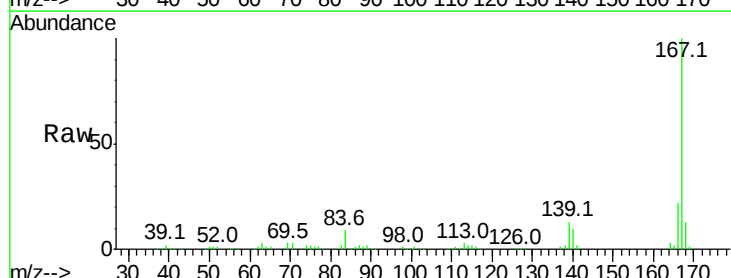
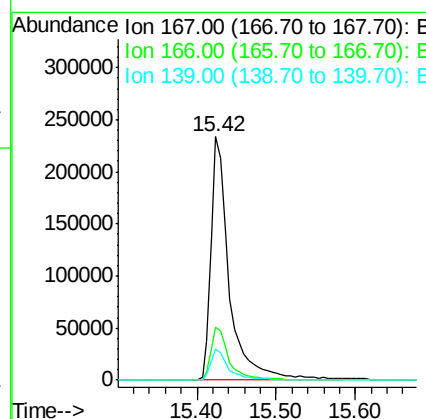
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#72
 Carbazole
 Concen: 37.32 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	12.9	11.7	17.5





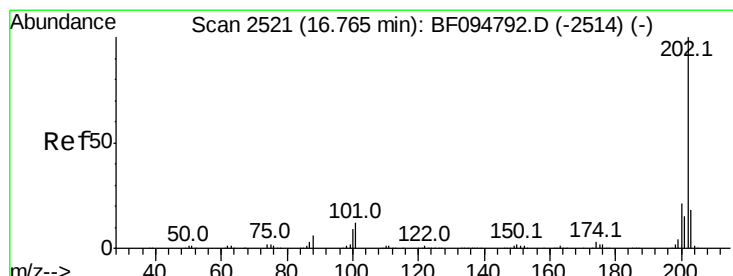
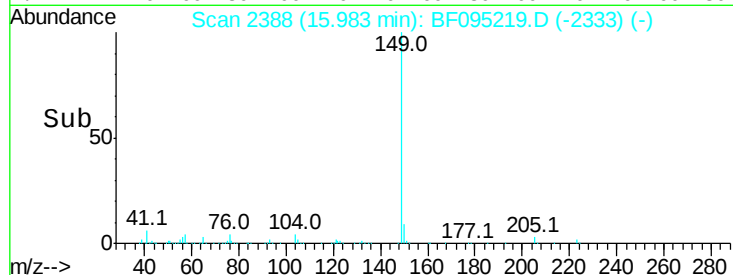
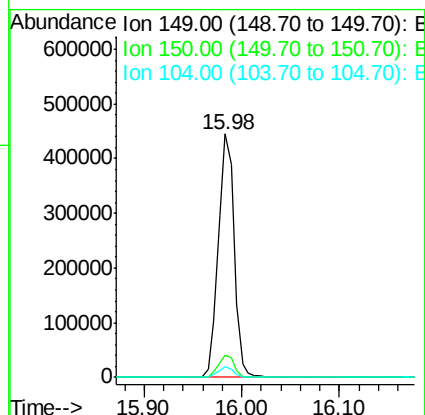
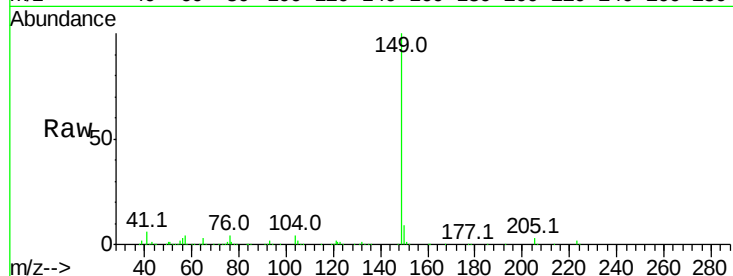
#73
Di-n-butylphthalate
Concen: 39.93 ng
RT: 15.98 min Scan# 2388
Delta R.T. 0.02 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.7	11.5	
104	4.5	4.0	6.0	

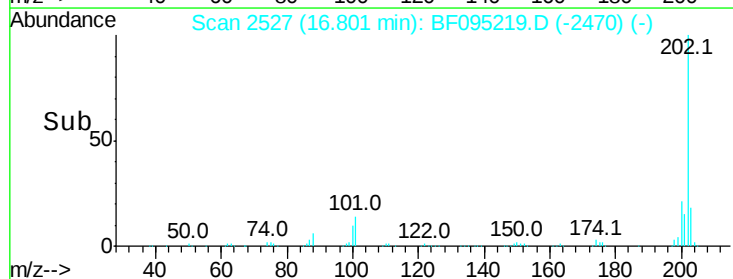
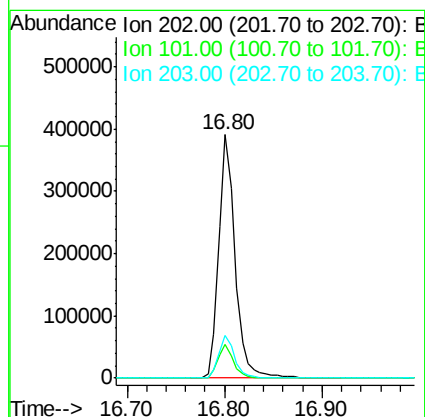
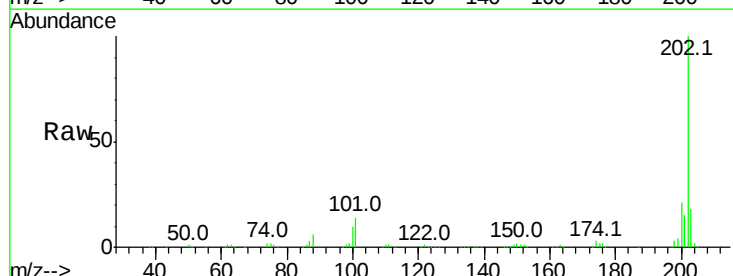
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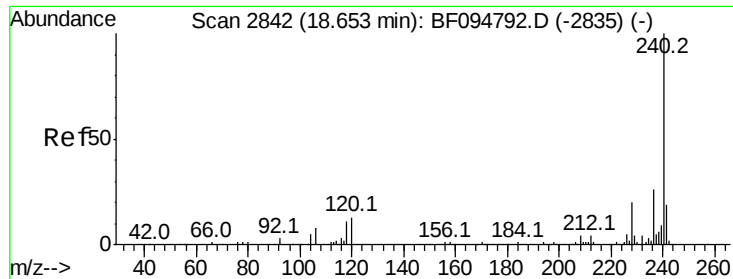
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#74
Fluoranthene
Concen: 41.09 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.8	0.0	33.2	
203	17.8	0.0	38.1	





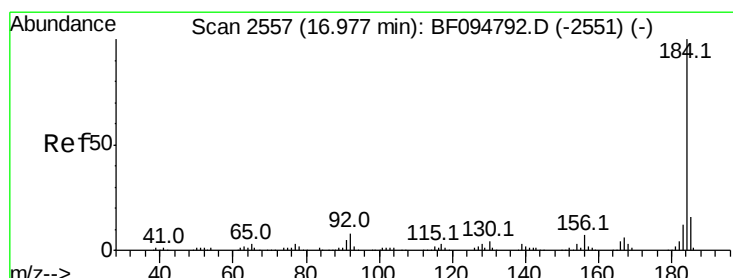
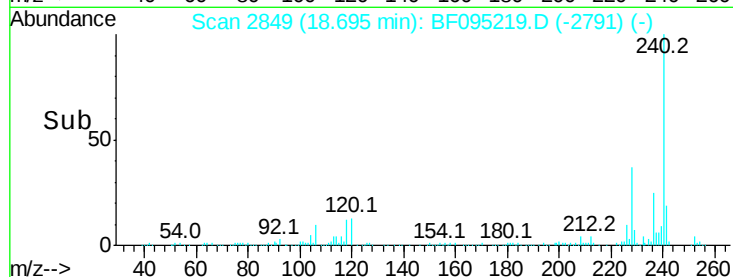
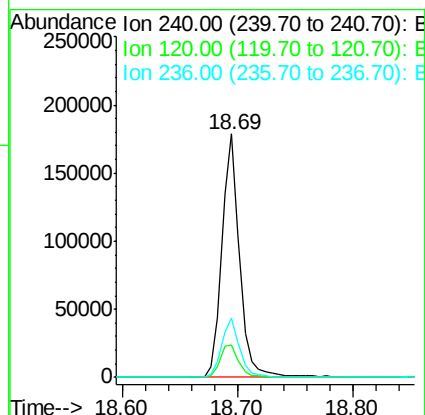
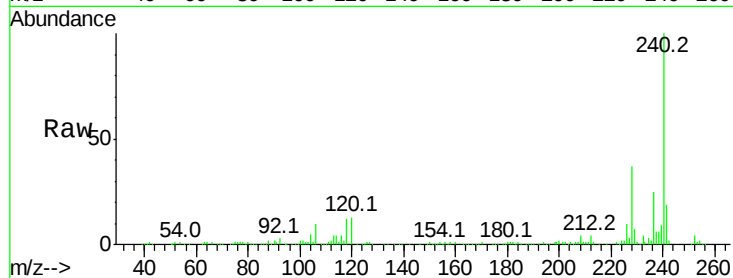
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	189765		
120	13.4	5.8	8.8#	
236	24.6	20.5	30.7	

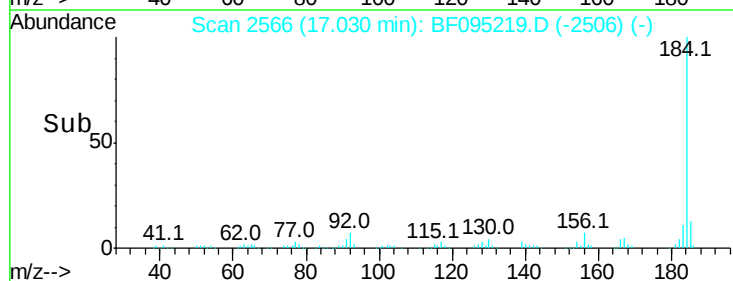
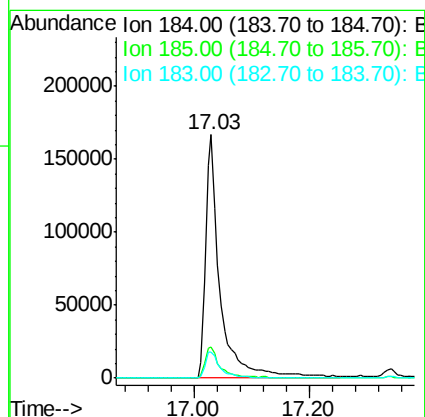
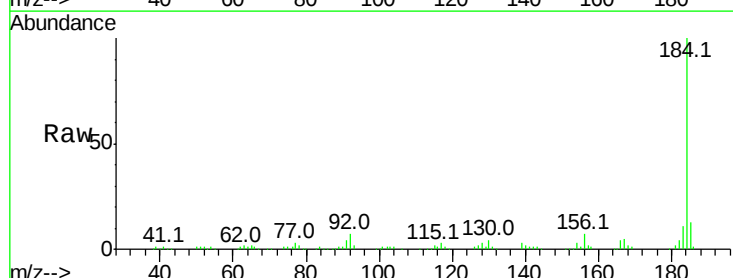
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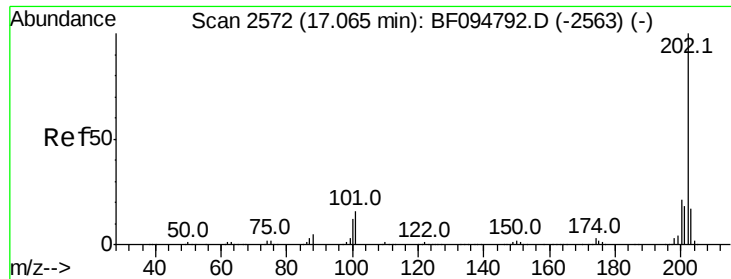
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#76
Benzidine
Concen: 56.65 ng
RT: 17.03 min Scan# 2566
Delta R.T. 0.05 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	297834		
185	12.9	15.5	23.3#	
183	10.9	9.8	14.6	





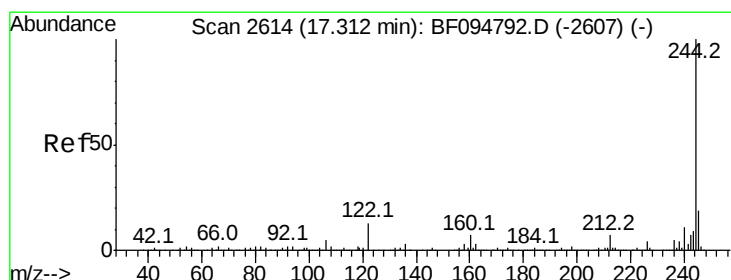
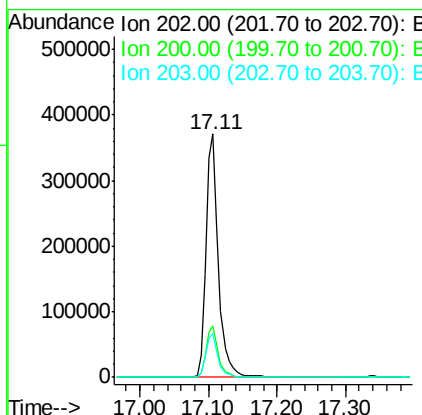
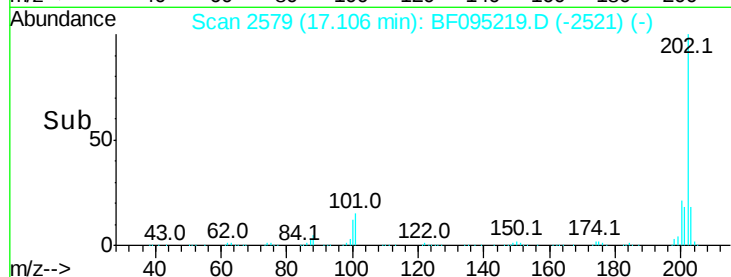
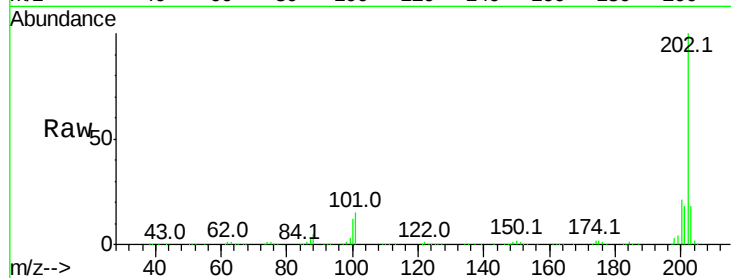
#77
Pvrene
Concen: 33.50 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.04 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	475404		
200	21.2		17.6	26.4
203	17.8		14.4	21.6

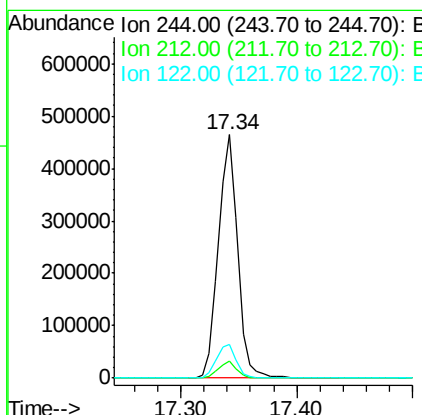
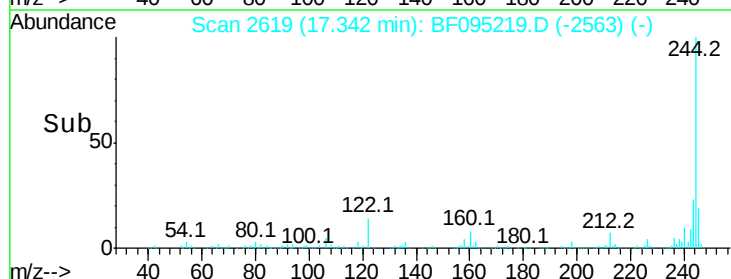
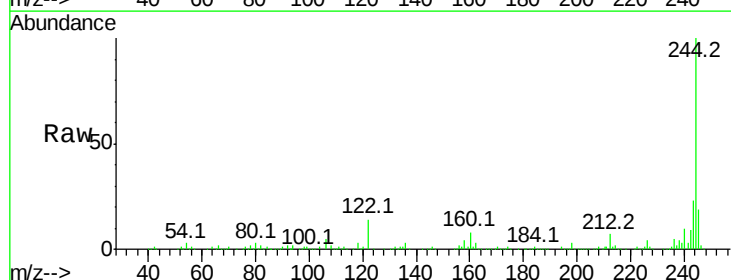
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#78
Terphenyl-d14
Concen: 62.57 ng
RT: 17.34 min Scan# 2619
Delta R.T. 0.03 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	539093		
212	6.7		6.0	9.0
122	14.1		10.3	15.5





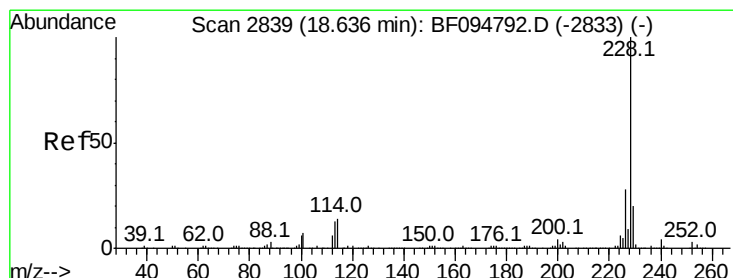
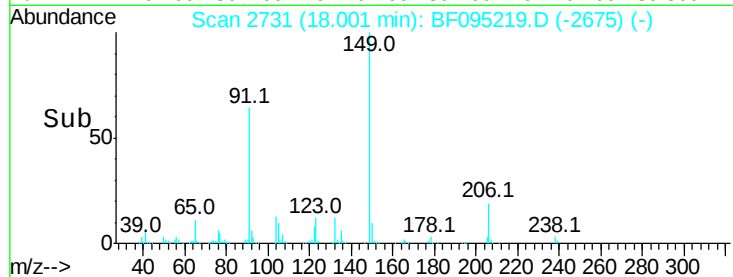
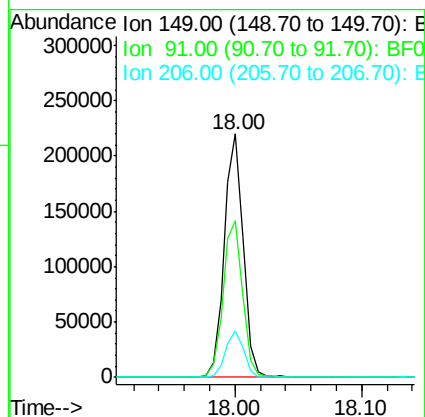
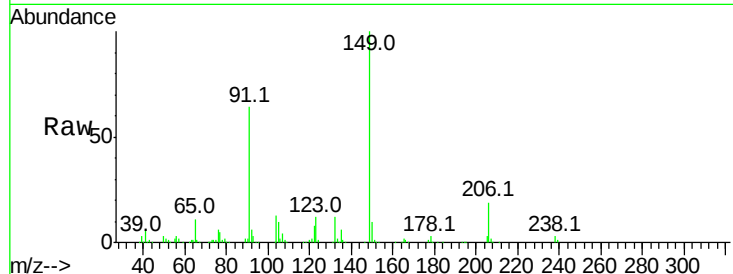
#79
Butylbenzylphthalate
Concen: 34.53 ng
RT: 18.00 min Scan# 2731
Delta R.T. 0.03 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	227957		
91	64.3	45.0	67.4	
206	19.2	17.0	25.6	

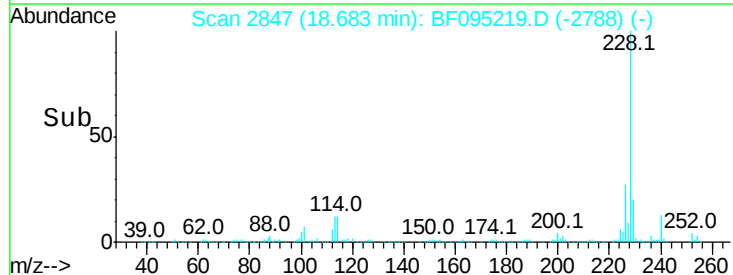
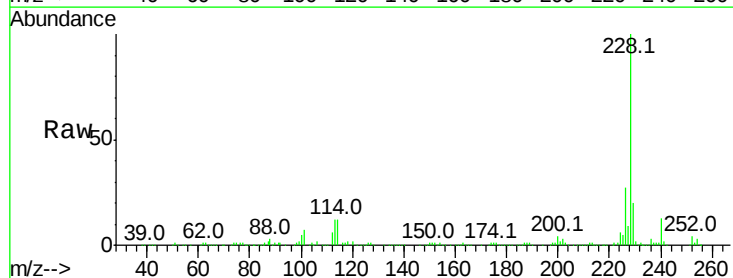
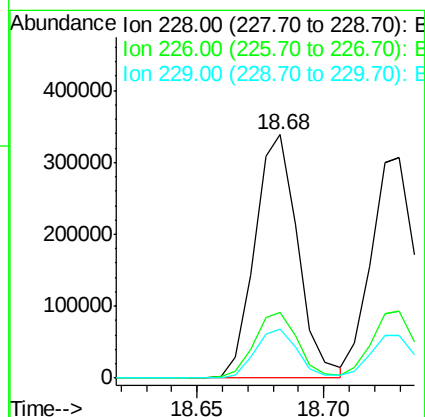
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#80
Benzo(a)anthracene
Concen: 36.43 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	402353		
226	27.1	22.6	33.8	
229	19.9	16.3	24.5	





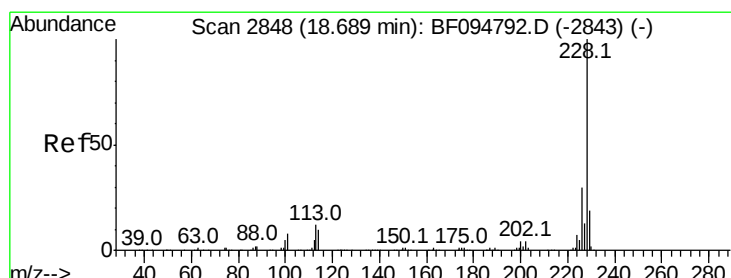
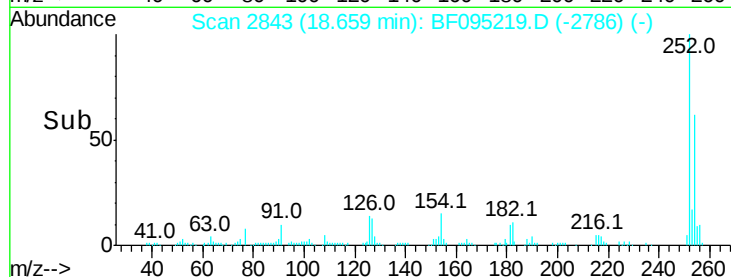
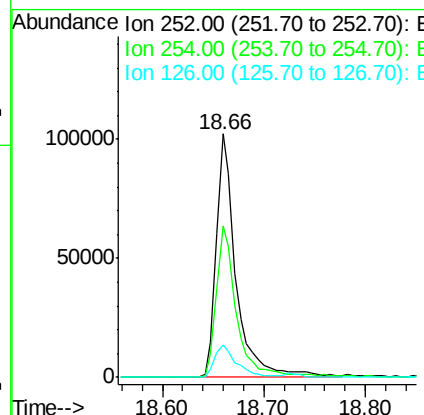
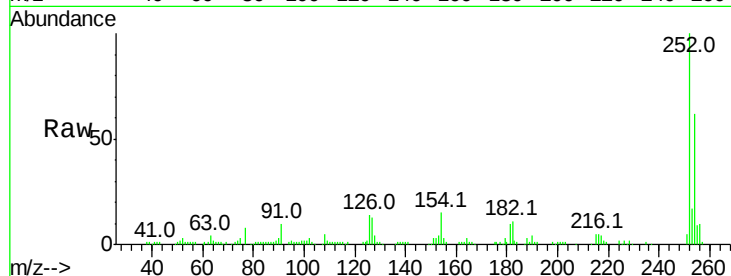
#81
 3,3'-Dichlorobenzidine
 Concen: 36.46 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.3	51.5	77.3
126	13.6	15.8	23.8

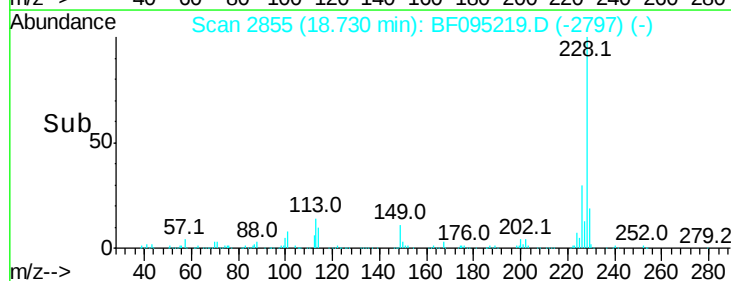
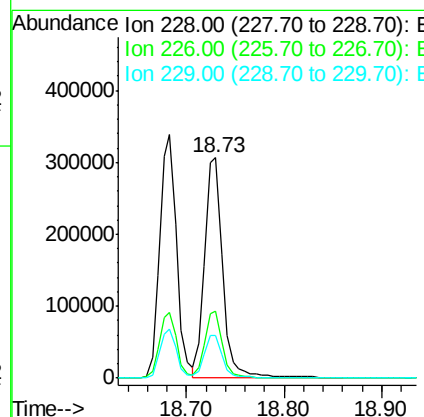
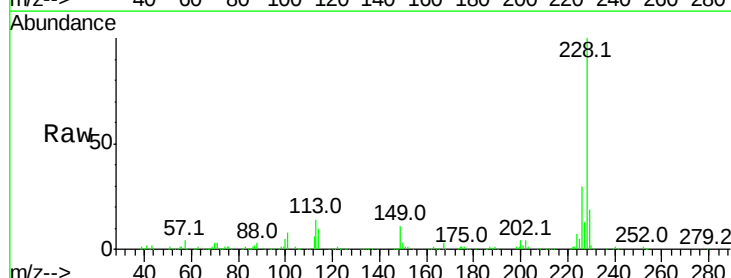
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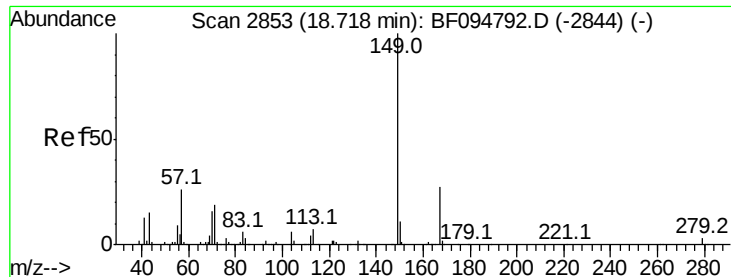
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#82
 Chrysene
 Concen: 36.69 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.3	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.77 ng

RT: 18.75 min Scan# 2858

Delta R.T. 0.03 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

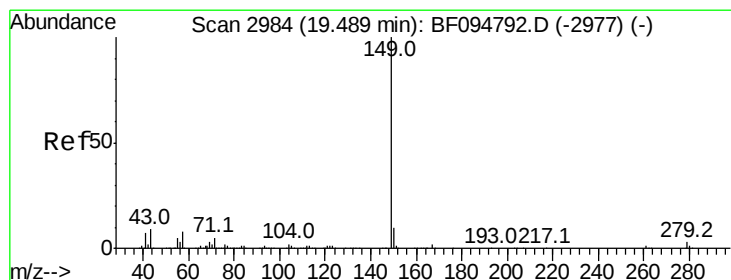
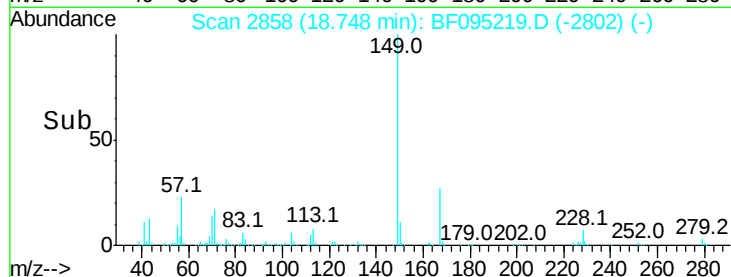
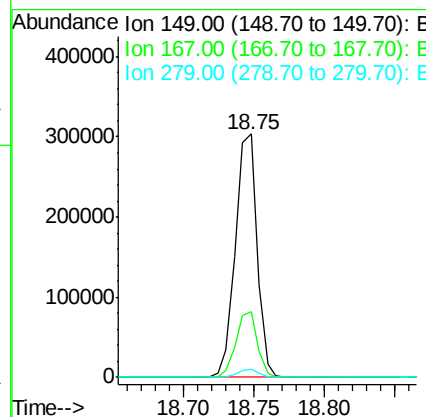
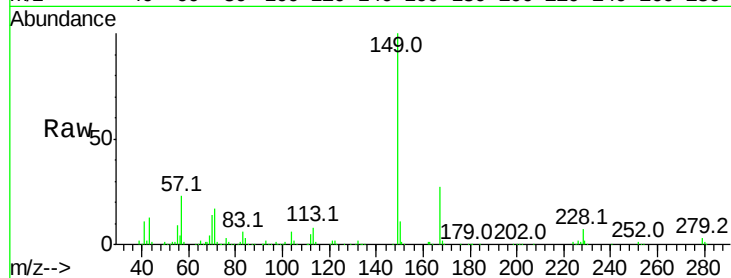
ClientSampleId :

051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.2	21.0	31.4	
279	3.5	1.9	2.9	

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#84

Di-n-octyl phthalate

Concen: 35.90 ng

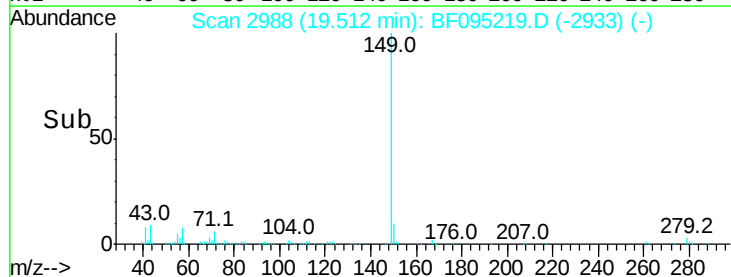
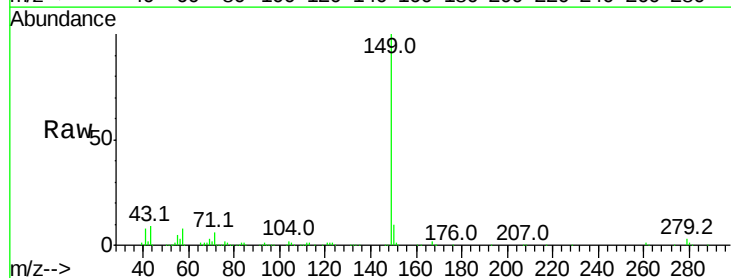
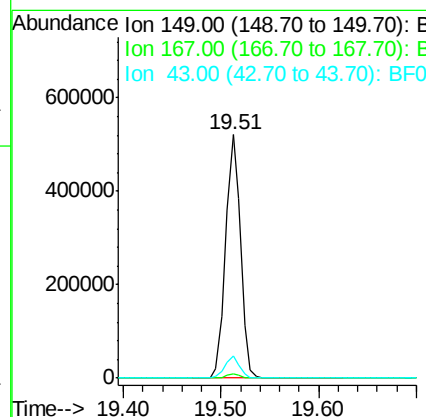
RT: 19.51 min Scan# 2988

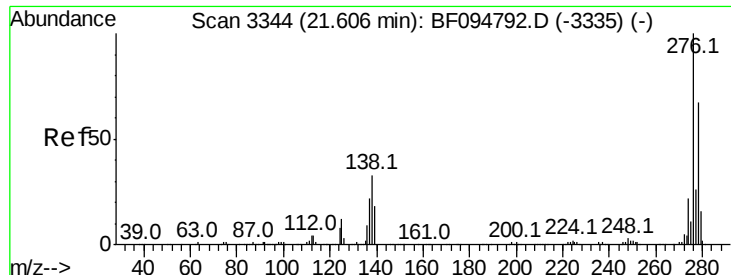
Delta R.T. 0.02 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	8.8	8.5	12.7	





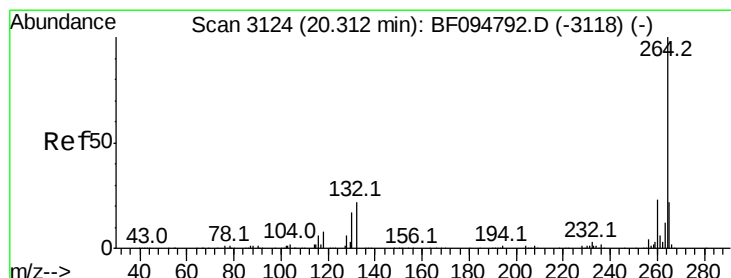
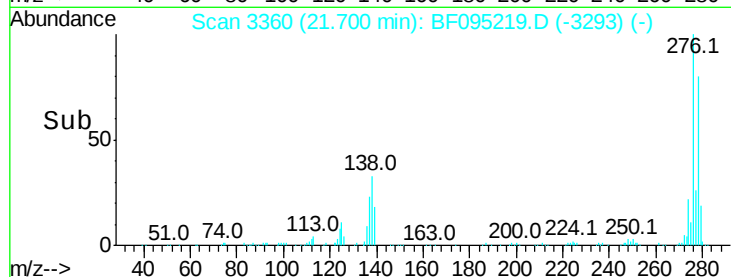
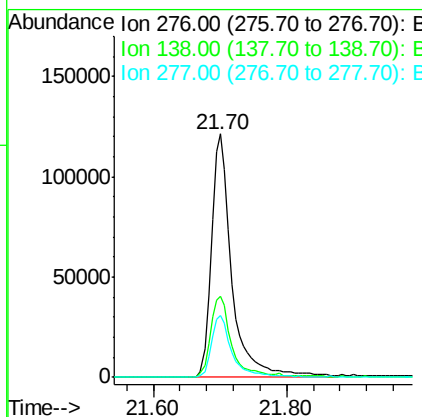
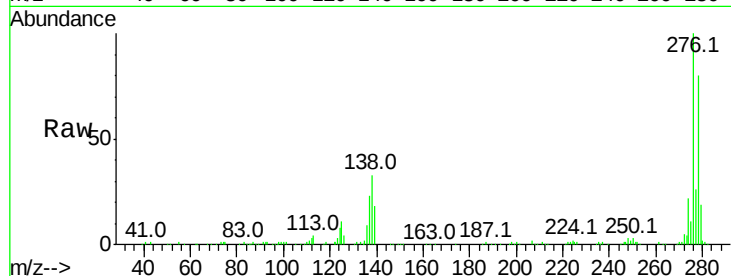
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.30 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.09 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.4	27.8	41.6
277	25.5	20.2	30.4

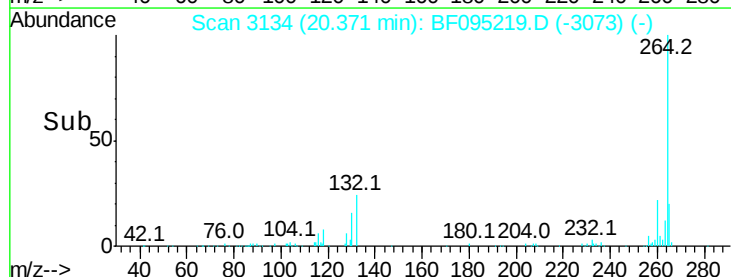
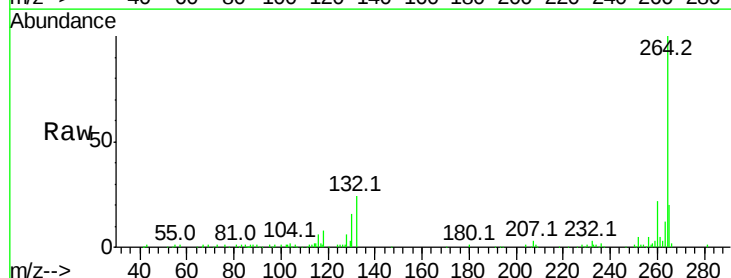
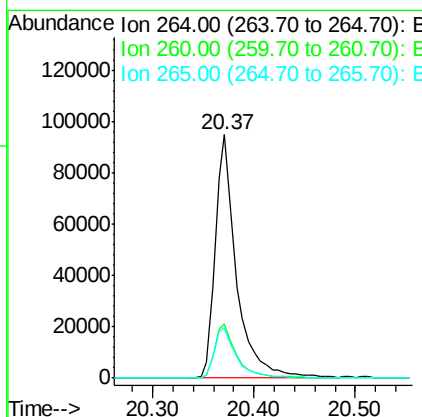
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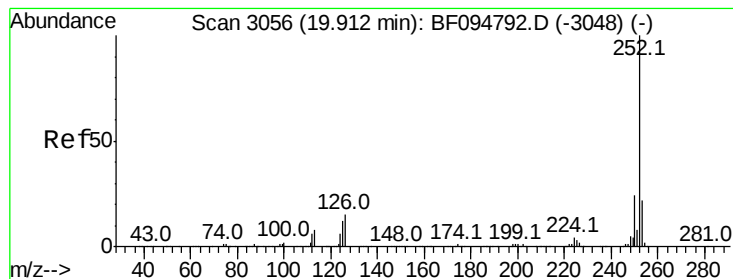
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	20.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 36.85 ng

RT: 19.96 min Scan# 3064

Delta R.T. 0.05 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Instrument :

BNA_F

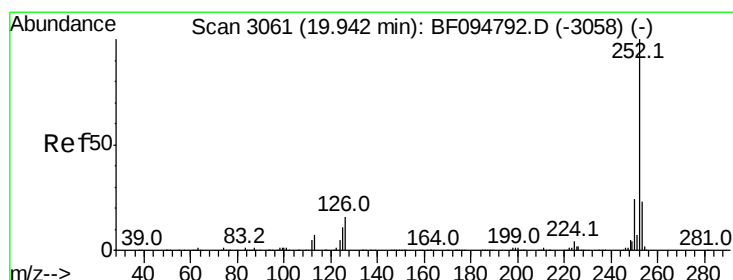
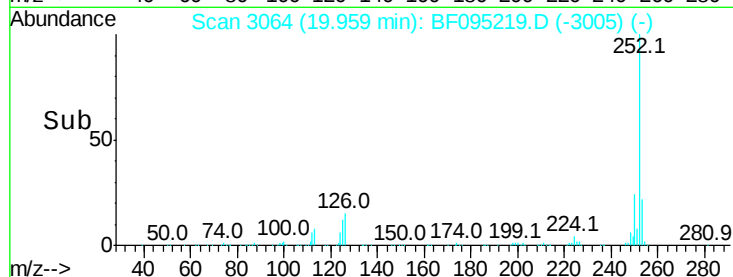
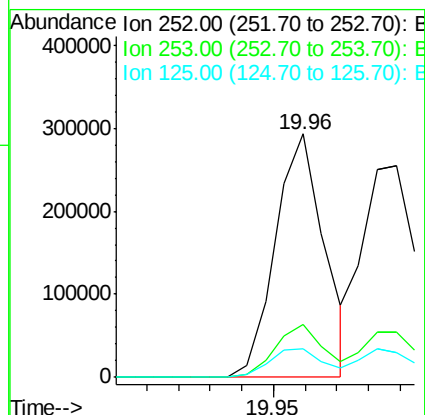
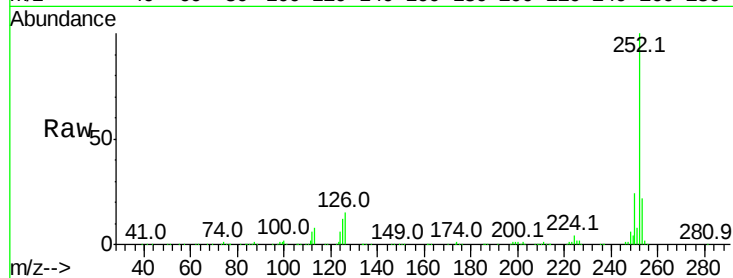
ClientSampleId :

051617-05MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	11.8	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 42.02 ng

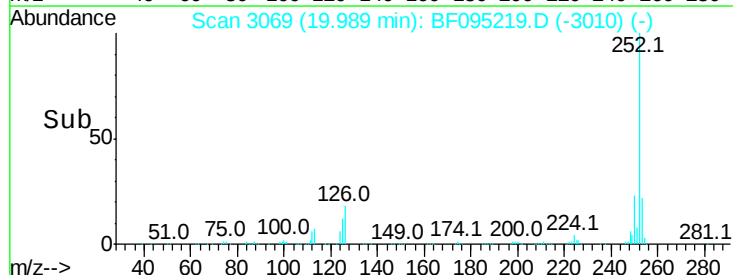
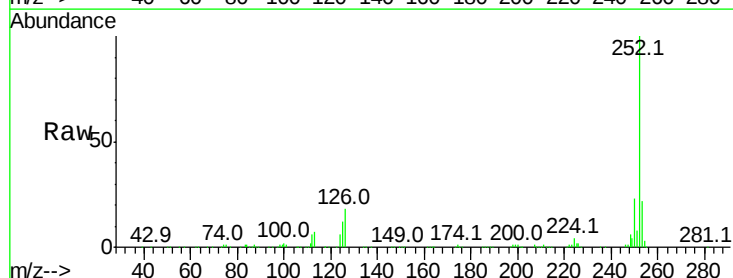
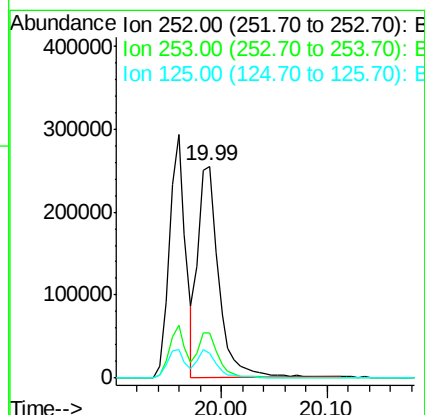
RT: 19.99 min Scan# 3069

Delta R.T. 0.05 min

Lab File: BF095219.D

Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	11.9	13.1	19.7#





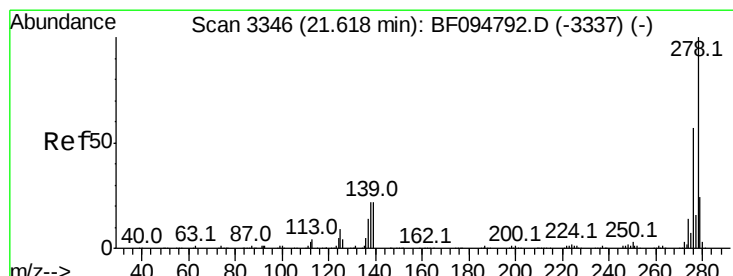
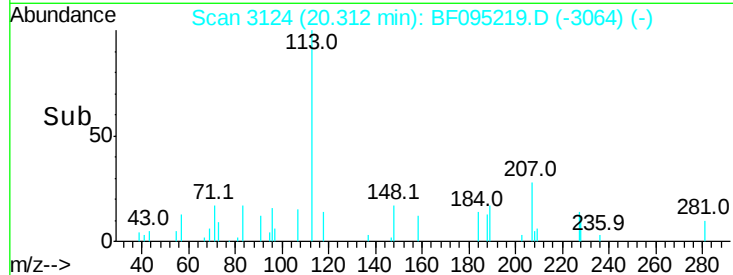
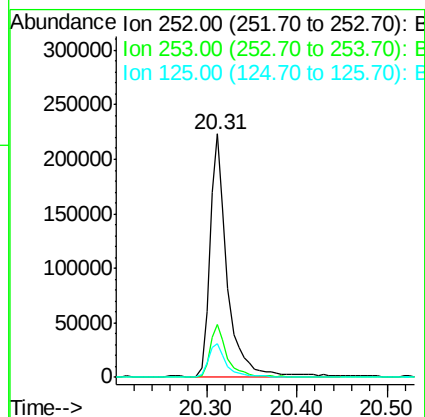
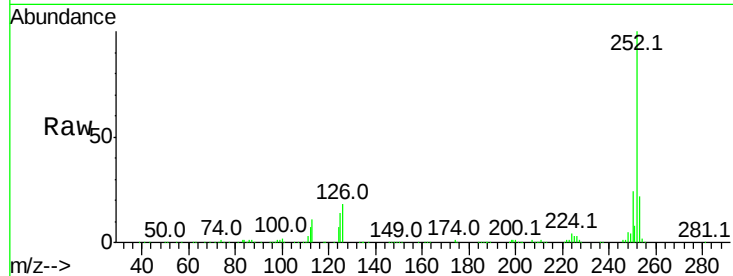
#89
Benzo(a)pyrene
Concen: 37.62 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Instrument :
BNA_F
ClientSampleId :
051617-05MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	296545		
253	21.9	17.5	26.3	
125	14.1	11.0	16.4	

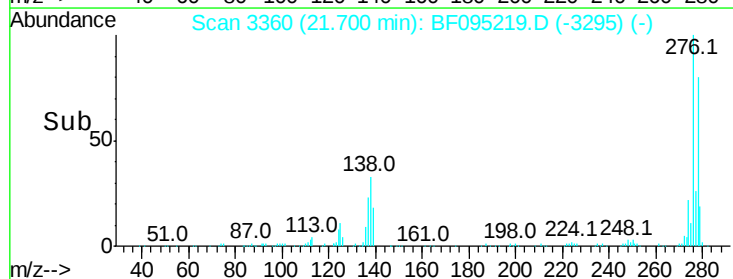
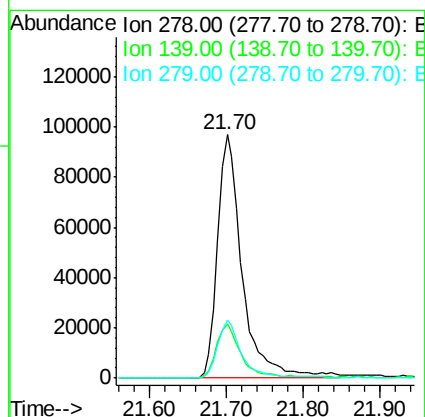
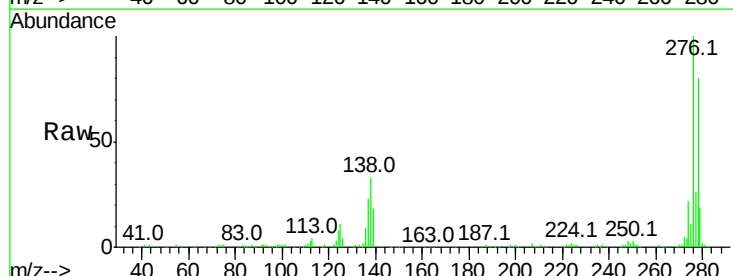
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#90
Dibenzo(a,h)anthracene
Concen: 32.99 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095219.D
Acq: 18 May 2017 11:20

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	214801		
139	22.3	16.6	24.8	
279	23.9	19.3	28.9	





#91
 Benzo(a,h,i)perylene
 Concen: 34.22 ng
 RT: 22.09 min Scan# 3426
 Delta R.T. 0.11 min
 Lab File: BF095219.D
 Acq: 18 May 2017 11:20

Instrument :
 BNA_F
 ClientSampleId :
 051617-05MSD

Tot Ion:	276	Resp:	218617
Ion Ratio		Lower	Upper
276	100		
277	25.6	18.6	28.0
138	33.1	25.4	38.0

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