

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
 Data File : BF095080.D
 Acq On : 11 May 2017 15:16
 Operator : SJ/MA
 Sample : PB98841BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

Manual Integrations
 APPROVED

mohammad
 5/12/2017 3:35:58 PM

Quant Time: May 11 16:39:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:33:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	82059	20.00	ng	0.00
21) Naphthalene-d8	9.72	136	382510	20.00	ng	0.00
38) Acenaphthene-d10	12.55	164	175331	20.00	ng	0.00
63) Phenanthrene-d10	14.96	188	313676	20.00	ng	0.00
75) Chrysene-d12	18.63	240	297819	20.00	ng	0.00
86) Perylene-d12	20.29	264	206958	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	495349	100.64	ng	0.02
7) Phenol-d6	7.25	99	577991	97.87	ng	0.00
23) Nitrobenzene-d5	8.61	82	489716	80.73	ng	0.00
41) 2,4,6-Tribromophenol	13.85	330	138165	96.22	ng	0.00
44) 2-Fluorobiphenyl	11.50	172	941332	77.28	ng	0.00
78) Terphenyl-d14	17.28	244	1007724	74.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	88863	36.81	ng	96
3) Pyridine	2.74	79	216829	38.76	ng	96
4) n-Nitrosodimethylamine	2.70	42	99698	42.75	ng	80
6) Aniline	7.21	93	243098	32.61	ng	96
8) 2-Chlorophenol	7.40	128	270435	48.27	ng	94
9) Benzaldehyde	7.05	77	21527	5.97	ng	96
10) Phenol	7.27	94	321267	51.62	ng	91
11) bis(2-Chloroethyl)ether	7.34	93	235566	45.85	ng	95
12) 1,3-Dichlorobenzene	7.61	146	254080	39.98	ng	98
13) 1,4-Dichlorobenzene	7.73	146	258779	40.15	ng	98
14) 1,2-Dichlorobenzene	7.97	146	249814	41.53	ng	97
15) Benzyl Alcohol	8.00	79	195645	51.51	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	299233	41.15	ng	96
17) 2-Methylphenol	8.22	107	204369	44.58	ng	97
18) Hexachloroethane	8.48	117	92035	42.16	ng	# 86
19) n-Nitroso-di-n-propylamine	8.42	70	176743	44.25	ng	93
20) 3+4-Methylphenols	8.47	107	275195	44.17	ng	# 58
22) Acetophenone	8.38	105	353510	38.52	ng	# 83
24) Nitrobenzene	8.64	77	248592	39.10	ng	96
25) Isophorone	9.04	82	461846	42.64	ng	# 94
26) 2-Nitrophenol	9.14	139	148915	43.40	ng	95
27) 2,4-Dimethylphenol	9.28	122	237467	42.81	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	300530	40.11	ng	99
29) 2,4-Dichlorophenol	9.58	162	227318	43.40	ng	99
30) 1,2,4-Trichlorobenzene	9.65	180	223115	39.76	ng	99
31) Naphthalene	9.76	128	750199	39.02	ng	100
32) Benzoic acid	9.59	122	81555	25.10	ng	96
33) 4-Chloroaniline	9.92	127	64660	9.03	ng	94
34) Hexachlorobutadiene	9.98	225	112161	37.88	ng	96
35) Caprolactam	10.53	113	60360m	38.38	ng	
36) 4-Chloro-3-methylphenol	10.76	107	237519	42.42	ng	87
37) 2-Methylnaphthalene	10.88	142	519419	41.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.16	216	213232	39.55	ng	99
40) Hexachlorocyclopentadiene	11.14	237	174171	77.08	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	138899	38.58	nq	97
43) 2,4,5-Trichlorophenol	11.48	196	137016	35.41	nq	# 90
45) 1,1'-Biphenyl	11.65	154	547443	37.08	nq	98
46) 2-Chloronaphthalene	11.67	162	431397	36.19	nq	95
47) 2-Nitroaniline	11.88	65	120994	37.09	nq	# 86
48) Acenaphthylene	12.32	152	724978	38.83	nq	99
49) Dimethylphthalate	12.20	163	539672	37.49	nq	99
50) 2,6-Dinitrotoluene	12.29	165	120068	40.89	nq	97
51) Acenaphthene	12.61	154	444878	39.89	nq	99
52) 3-Nitroaniline	12.57	138	63286	20.08	nq	89
53) 2,4-Dinitrophenol	12.77	184	82112	53.05	nq	# 68
54) Dibenzofuran	12.89	168	700243	45.38	nq	98
55) 4-Nitrophenol	12.96	139	166476	87.94	nq	# 72
56) 2,4-Dinitrotoluene	12.96	165	175466	46.50	nq	# 88
57) Fluorene	13.45	166	589160	43.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	124603	51.17	nq	92
59) Diethylphthalate	13.35	149	581695	42.16	nq	100
60) 4-Chlorophenyl-phenylether	13.48	204	260018	44.09	nq	# 87
61) 4-Nitroaniline	13.57	138	129876	44.89	nq	97
62) Azobenzene	13.74	77	545802	49.23	nq	93
64) 4,6-Dinitro-2-methylphenol	13.62	198	82835	39.39	nq	# 70
65) n-Nitrosodiphenylamine	13.68	169	499975	43.92	nq	98
66) 4-Bromophenyl-phenylether	14.26	248	147818	44.60	nq	97
67) Hexachlorobenzene	14.35	284	146205	43.05	nq	# 91
68) Atrazine	14.61	200	144762	45.04	nq	97
69) Pentachlorophenol	14.70	266	109444	71.91	nq	98
70) Phenanthrene	14.99	178	786479	43.64	nq	98
71) Anthracene	15.08	178	837765	45.51	nq	98
72) Carbazole	15.37	167	782984	46.74	nq	97
73) Di-n-butylphthalate	15.93	149	1012879	48.49	nq	98
74) Fluoranthene	16.74	202	876024	47.38	nq	97
76) Benzidine	16.96	184	211707	29.26	nq	# 93
77) Pyrene	17.04	202	892598	40.07	nq	99
79) Butylbenzylphthalate	17.94	149	425873	41.11	nq	87
80) Benzo(a)anthracene	18.62	228	693692	40.02	nq	99
81) 3,3'-Dichlorobenzidine	18.60	252	143213	23.92	nq	# 94
82) Chrysene	18.67	228	653039	38.96	nq	98
83) Bis(2-ethylhexyl)phthalate	18.69	149	600920	40.71	nq	# 98
84) Di-n-octyl phthalate	19.45	149	989098	40.87	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	476196	34.99	nq	100
87) Benzo(b)fluoranthene	19.89	252	528753	41.35	nq	99
88) Benzo(k)fluoranthene	19.92	252	565430	45.84	nq	# 95
89) Benzo(a)pyrene	20.24	252	497749	42.18	nq	100
90) Dibenzo(a,h)anthracene	21.59	278	394748	40.51	nq	98
91) Benzo(g,h,i)perylene	21.96	276	390167	40.80	nq	97

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

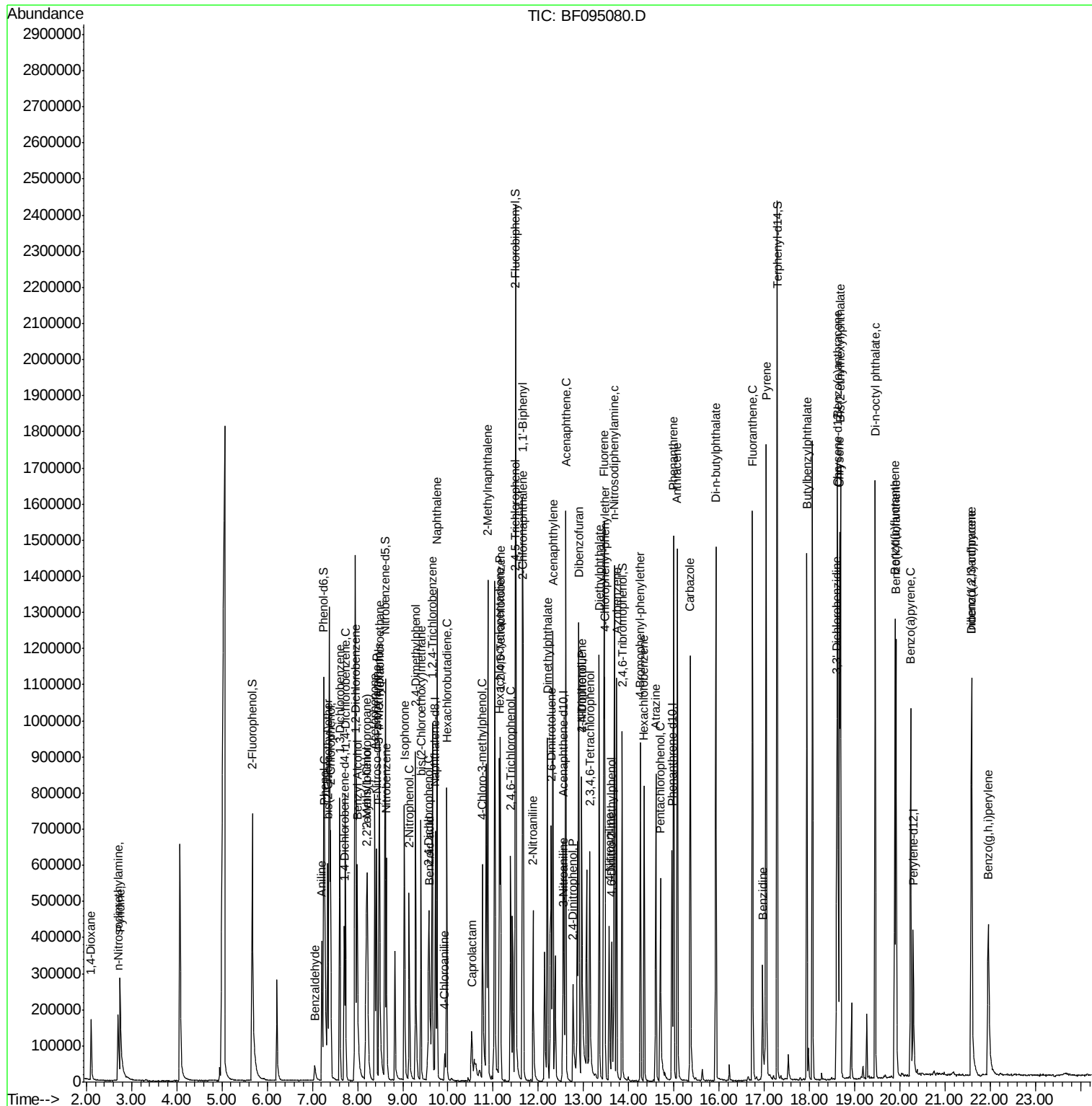
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Operator  : SJ/MA  
Sample    : PB98841BSD  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
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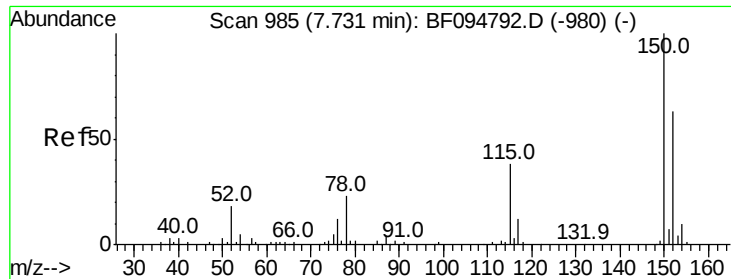
Instrument :
BNA_F
ClientSampleId :
PB98841BSD

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#1

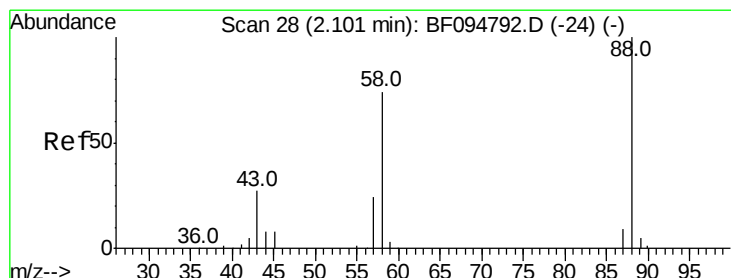
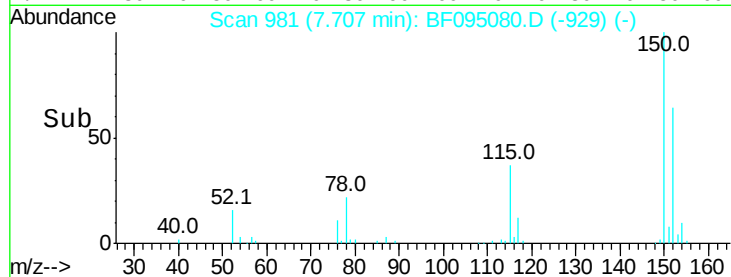
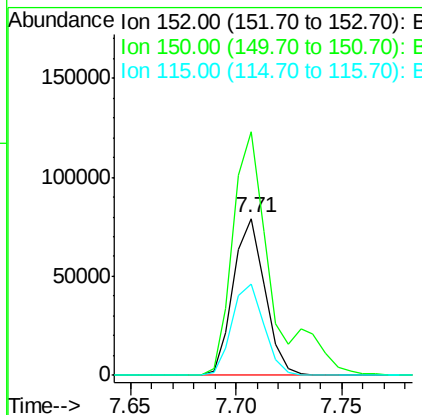
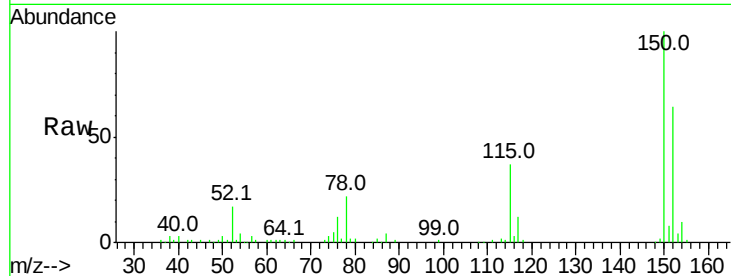
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	57.9	52.2	78.2

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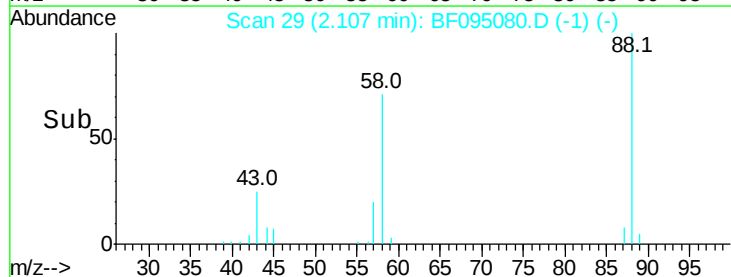
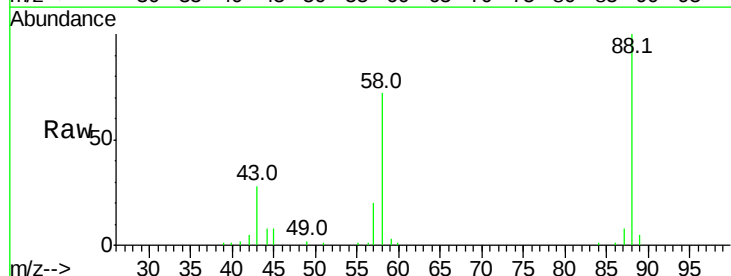
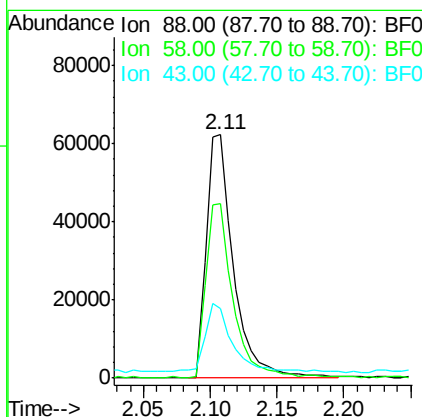
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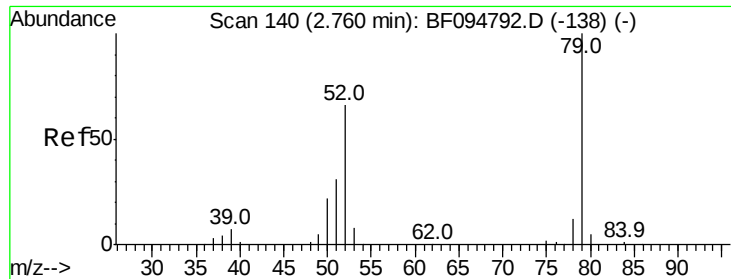


#2

1,4-Dioxane
Concen: 36.81 ng
RT: 2.11 min Scan# 29
Delta R.T. 0.05 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	61.4	92.0
43	27.7	23.4	35.0





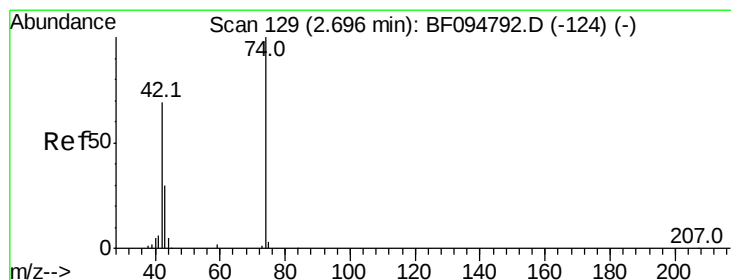
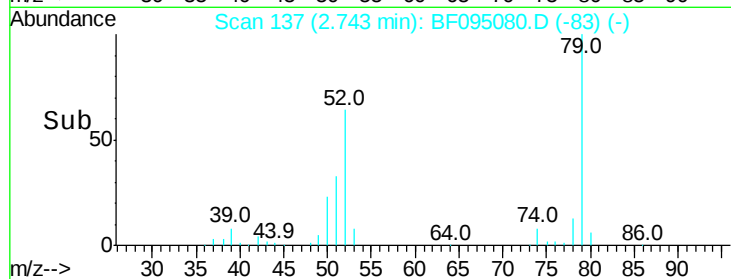
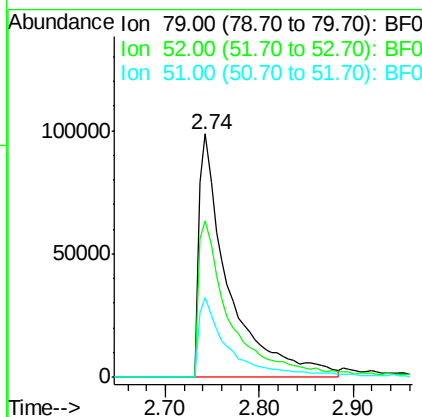
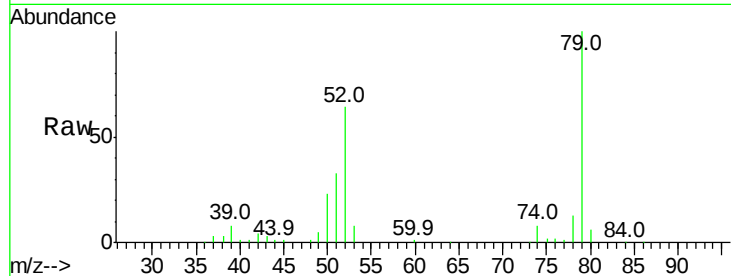
#3
 Pvridine
 Concen: 38.76 ng
 RT: 2.74 min Scan# 137
 Delta R.T. 0.02 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.5	54.8	82.2
51	32.7	27.0	40.4

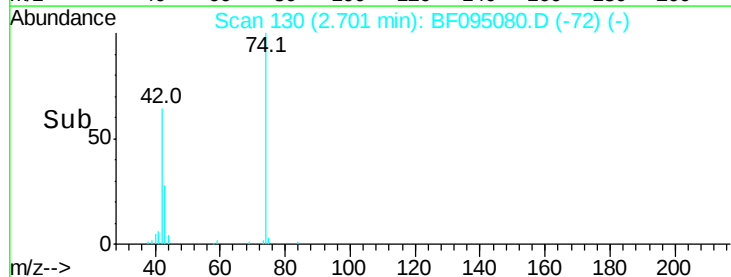
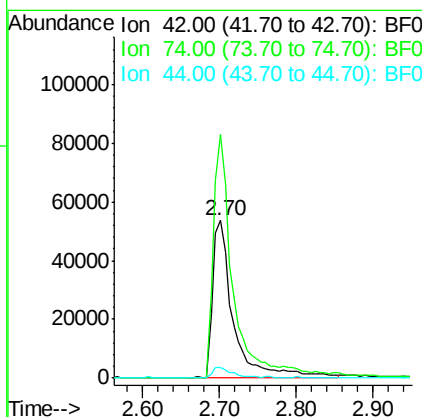
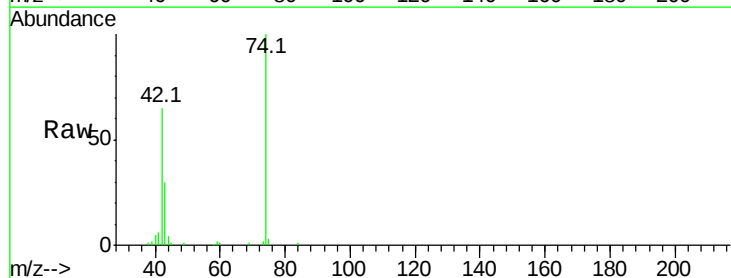
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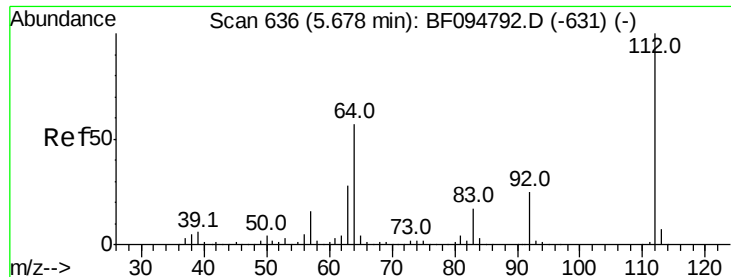
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#4
 n-Nitrosodimethylamine
 Concen: 42.75 ng
 RT: 2.70 min Scan# 130
 Delta R.T. 0.04 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.7	103.9	155.9
44	6.7	5.7	8.5





#5

2-Fluorophenol

Concen: 100.64 ng

RT: 5.67 min Scan# 635

Delta R.T. 0.02 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Instrument :

BNA_F

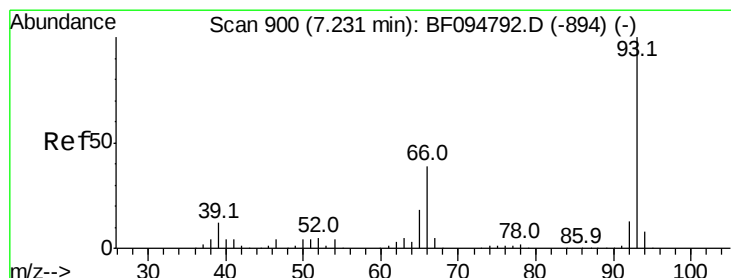
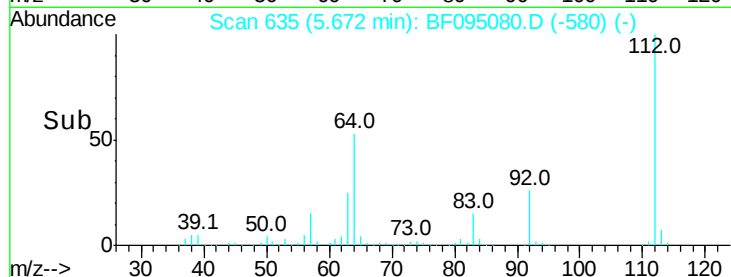
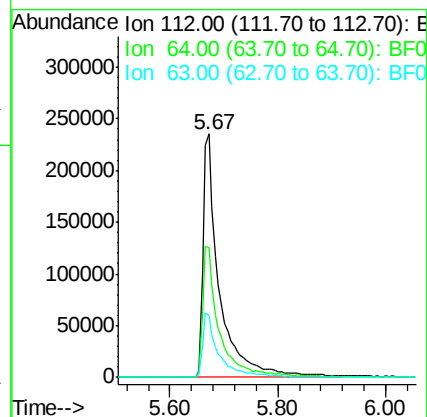
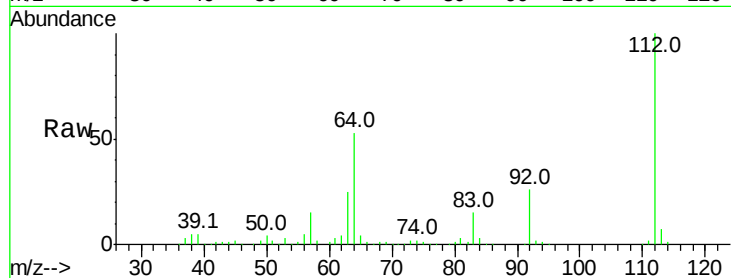
ClientSampleId :

PB98841BSD

Tot Ion:	112	Resp:	495349
Ion Ratio	Lower	Upper	
112	100		
64	53.1	46.0	69.0
63	25.2	23.4	35.0

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#6

Aniline

Concen: 32.61 ng

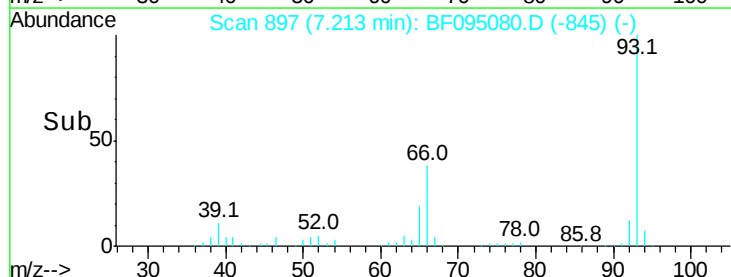
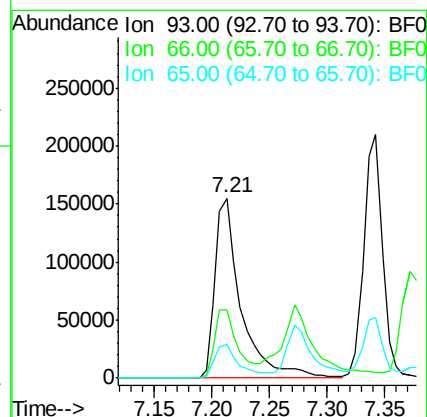
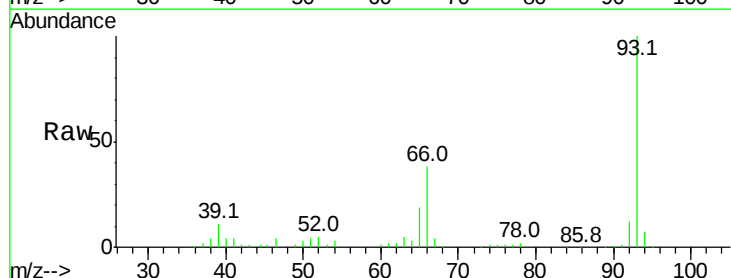
RT: 7.21 min Scan# 897

Delta R.T. 0.01 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Tgt Ion:	93	Resp:	243098
Ion Ratio	Lower	Upper	
93	100		
66	38.1	32.9	49.3
65	18.7	16.0	24.0





#7

Phenol-d6

Concen: 97.87 ng

RT: 7.25 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Instrument :

BNA_F

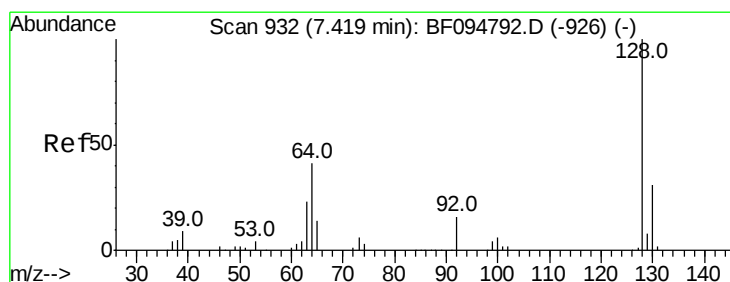
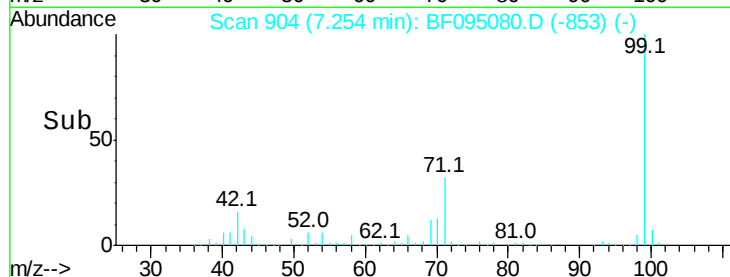
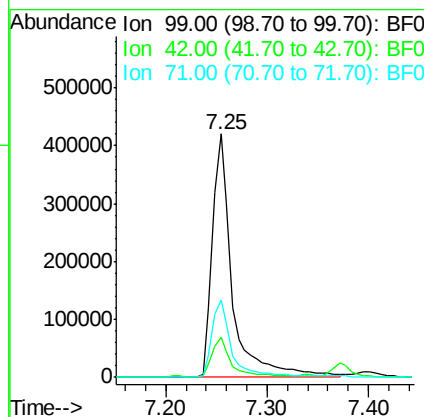
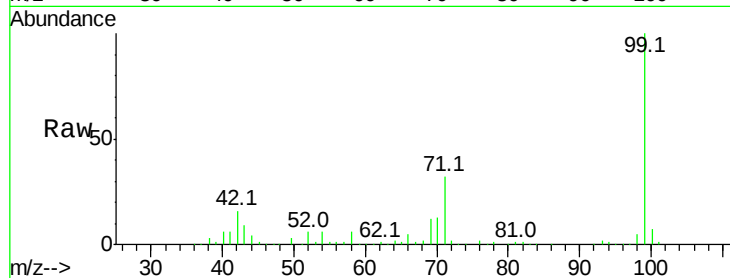
ClientSampled :

PB98841BSD

Tot Ion:	99	Resp:	577991
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.5	20.3
71	31.7	24.5	36.7

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#8

2-Chlorophenol

Concen: 48.27 ng

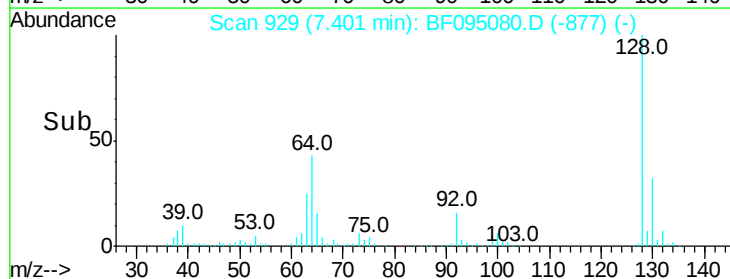
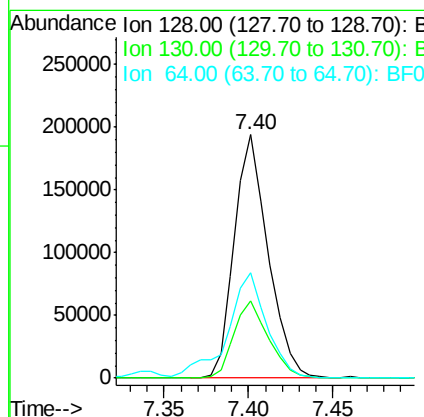
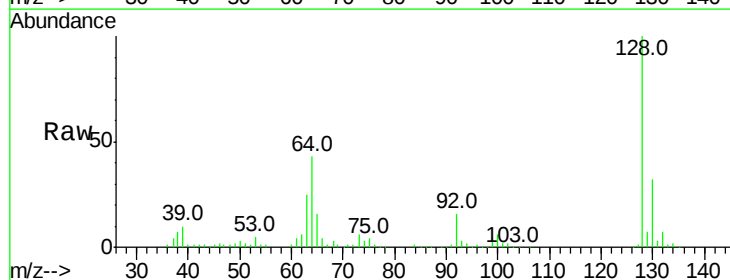
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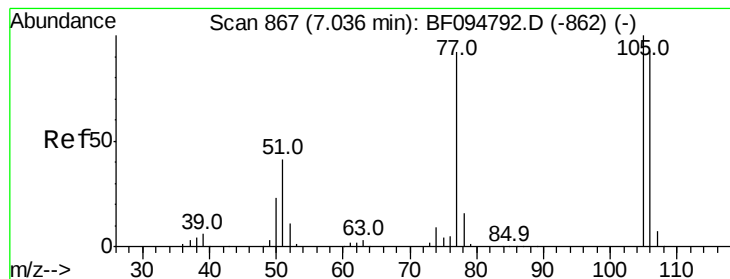
Delta R.T. 0.01 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Tgt Ion:	128	Resp:	270435
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.9	52.9
64	43.2	28.4	68.4





#9

Benzaldehyde

Concen: 5.97 ng

RT: 7.05 min Scan# 870

Delta R.T. 0.04 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Instrument :

BNA_F

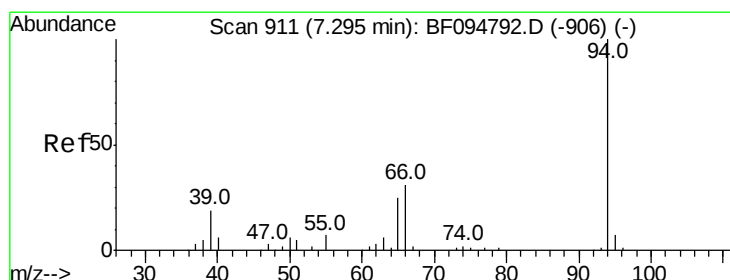
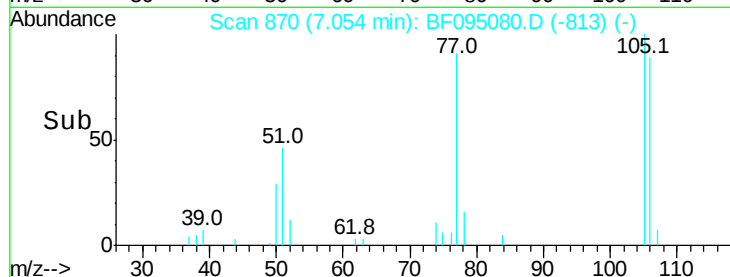
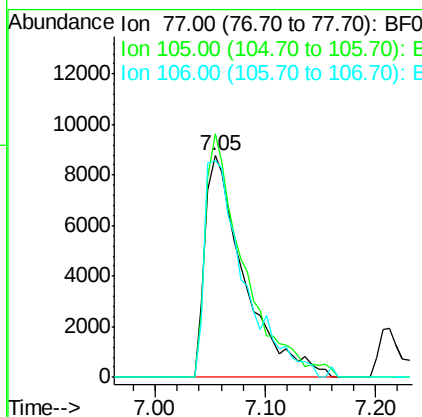
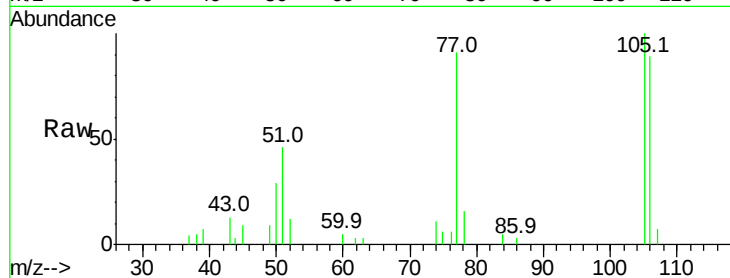
ClientSampleId :

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Tot Ion:	77	Resp:	21527
Ion	Ratio	Lower	Upper
77	100		
105	110.1	83.8	123.8
106	98.0	79.1	119.1

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#10

Phenol

Concen: 51.62 ng

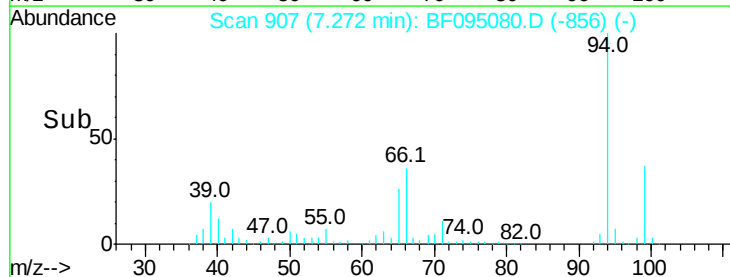
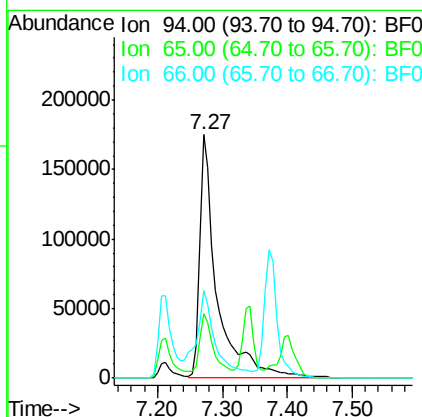
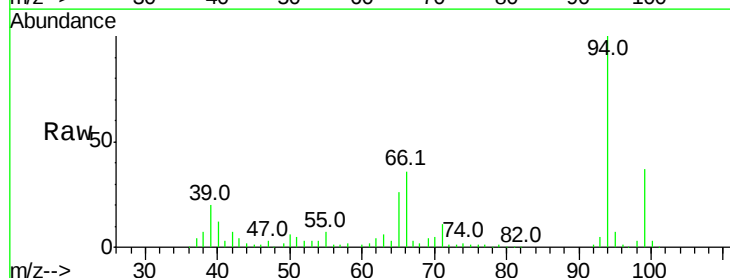
RT: 7.27 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Tgt Ion:	94	Resp:	321267
Ion	Ratio	Lower	Upper
94	100		
65	26.2	9.9	49.9
66	36.1	23.1	63.1





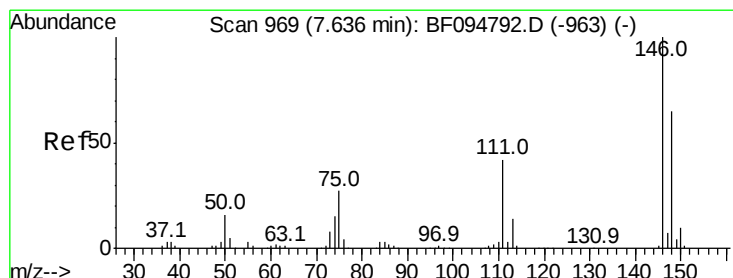
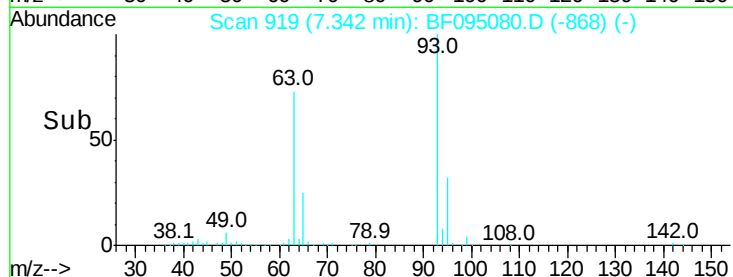
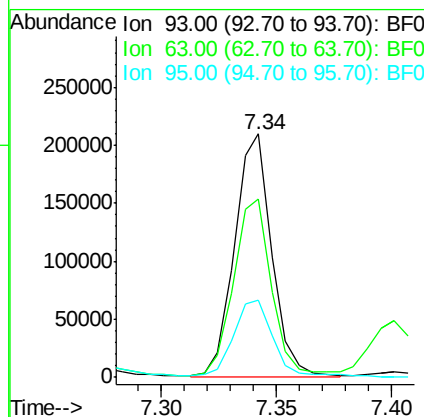
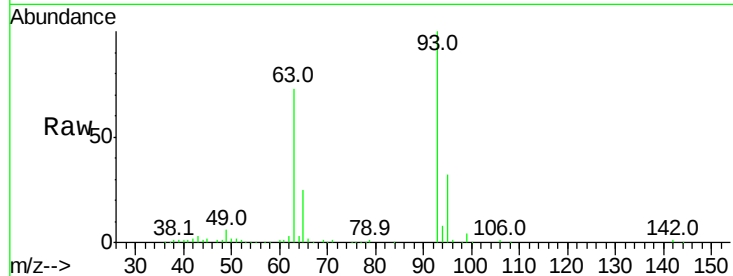
#11
bis(2-Chloroethyl)ether
Concen: 45.85 ng
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	235566		
63	73.3	59.2	99.2	
95	31.7	12.8	52.8	

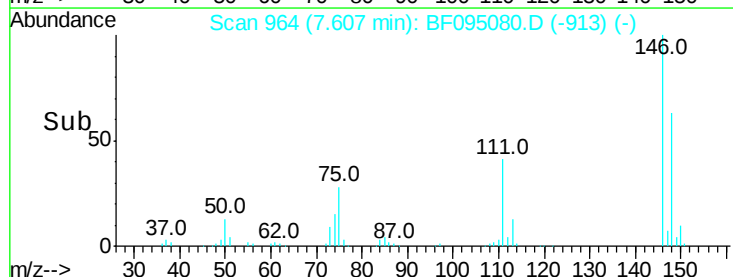
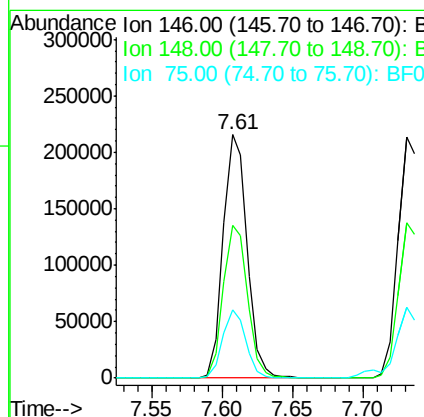
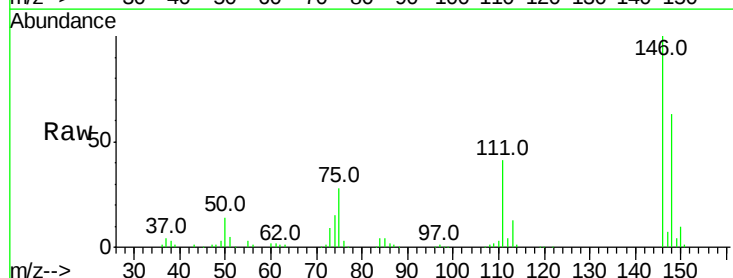
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#12
1,3-Dichlorobenzene
Concen: 39.98 ng
RT: 7.61 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	254080		
148	62.8	51.8	77.6	
75	28.3	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 40.15 ng

RT: 7.73 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Instrument :

BNA_F

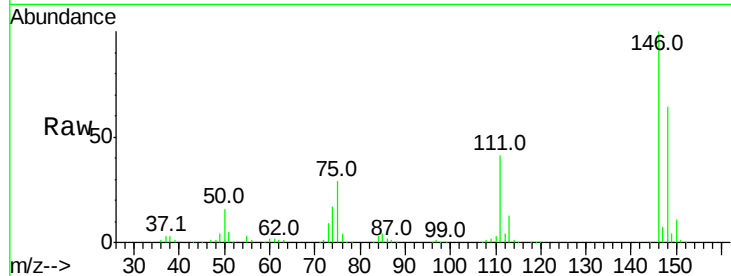
ClientSampleId :

PB98841BSD

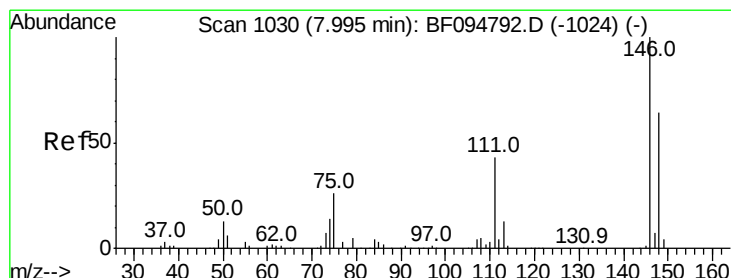
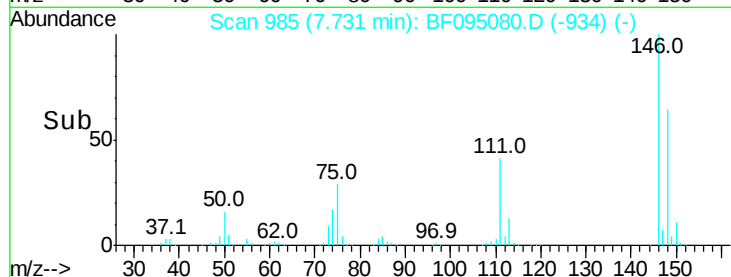
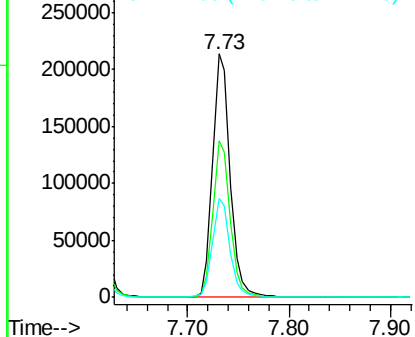
Tot Ion:	146	Resp:	258779
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.2	78.2
111	40.7	30.3	45.5

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



#14

1,2-Dichlorobenzene

Concen: 41.53 ng

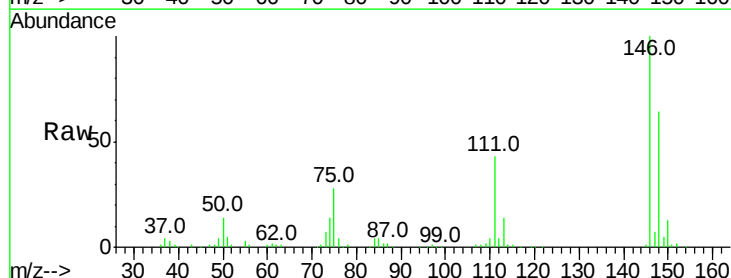
RT: 7.97 min Scan# 1025

Delta R.T. 0.00 min

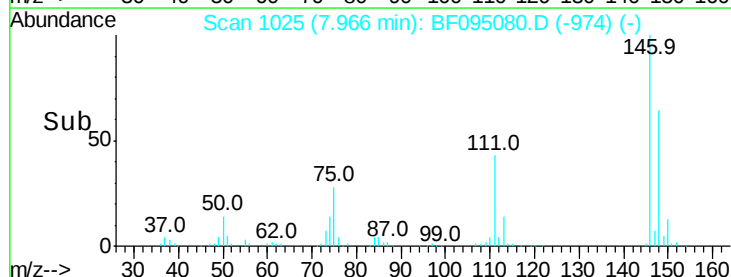
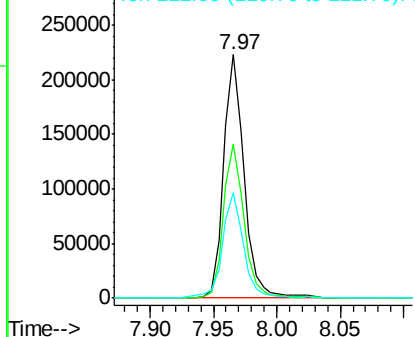
Lab File: BF095080.D

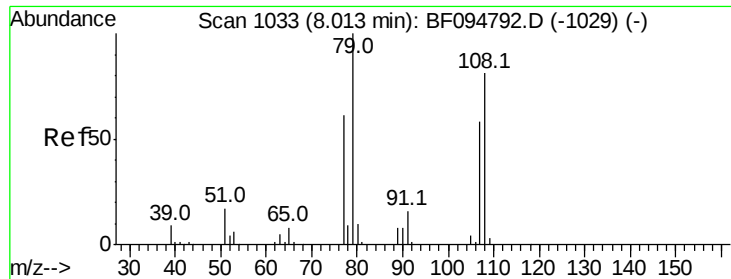
Acq: 11 May 2017 15:16

Tgt Ion:	146	Resp:	249814
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.4	75.6
111	43.2	38.2	57.4



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





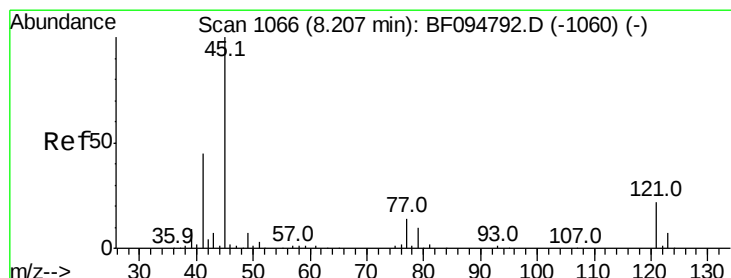
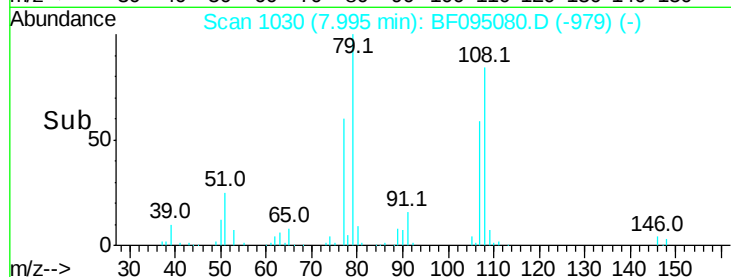
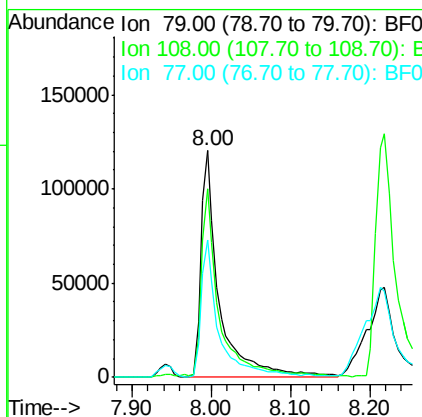
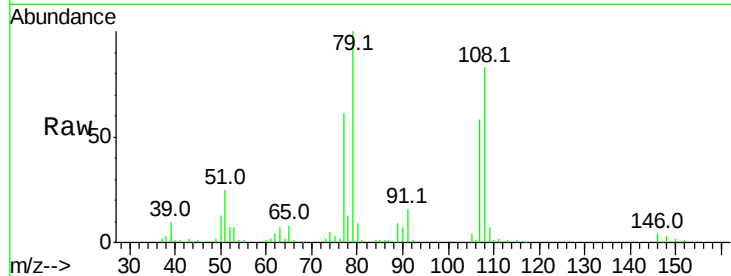
#15
Benzyl Alcohol
Concen: 51.51 ng
RT: 8.00 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	195645		
108	83.4	63.4	95.0	
77	60.6	49.2	73.8	

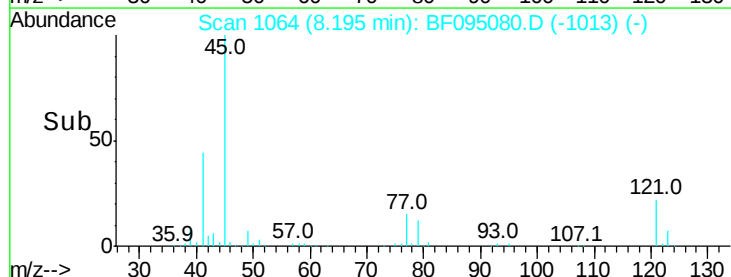
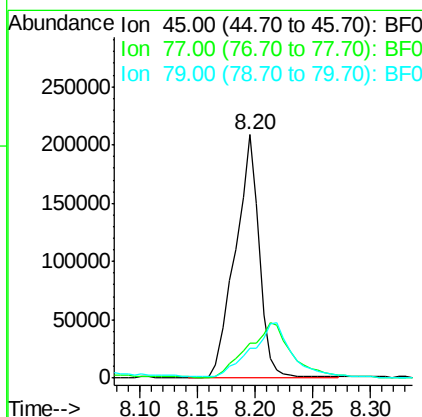
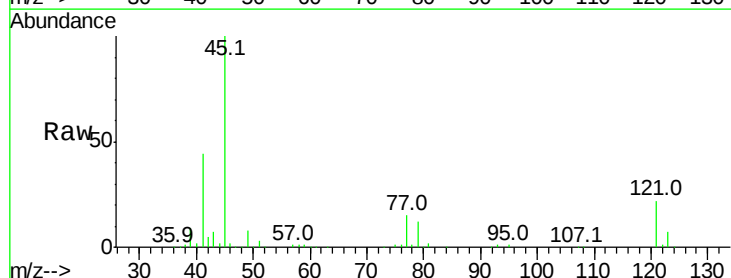
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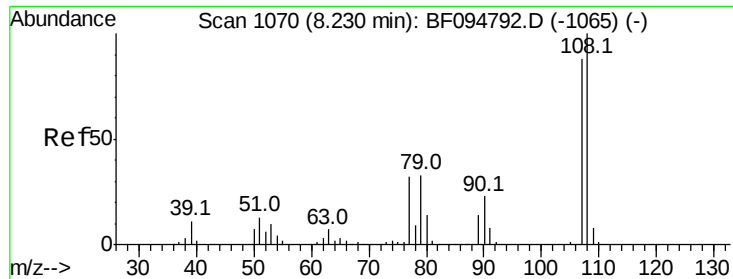
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.15 ng
RT: 8.20 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	299233		
77	14.6	0.0	33.2	
79	12.1	0.0	30.0	





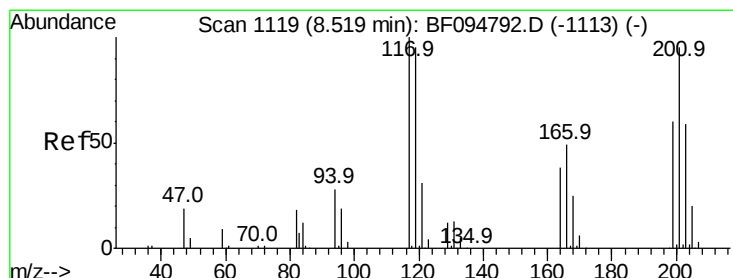
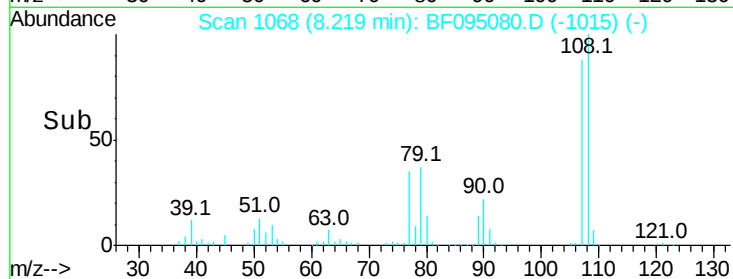
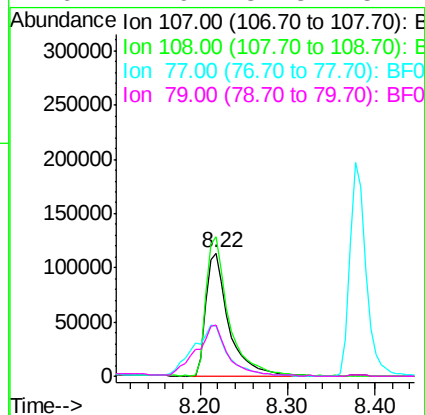
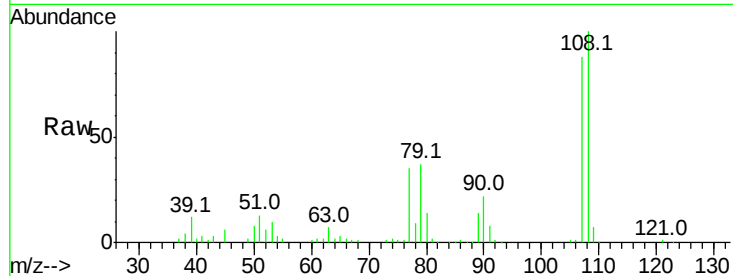
#17
 2-Methylphenol
 Concen: 44.58 ng
 RT: 8.22 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	93.4	140.0	
77	40.3	35.8	53.6	
79	41.9	34.8	52.2	

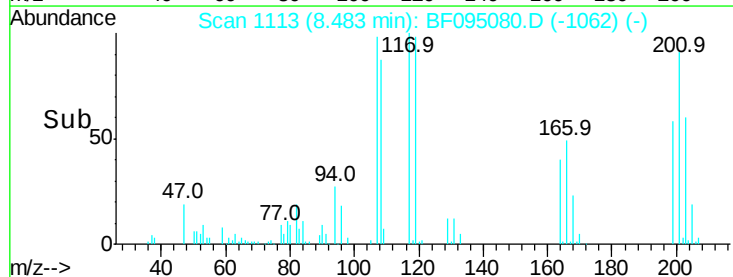
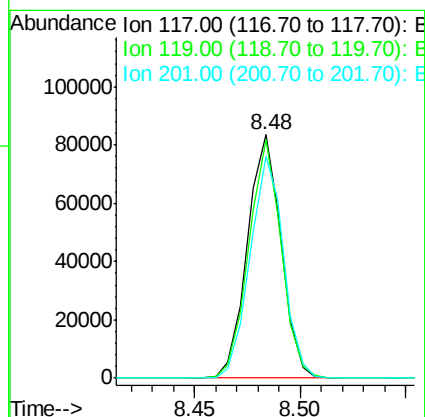
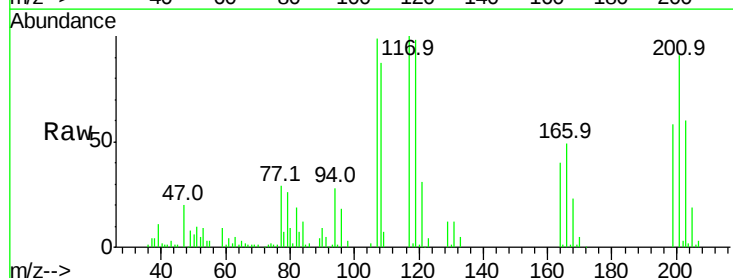
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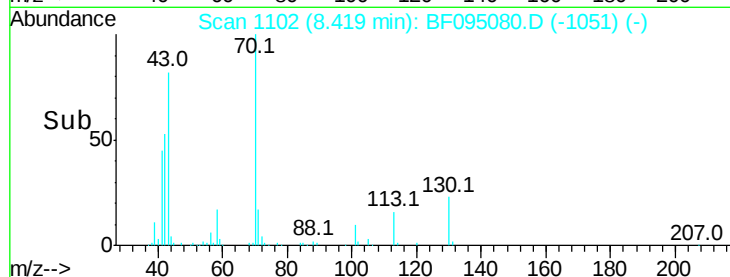
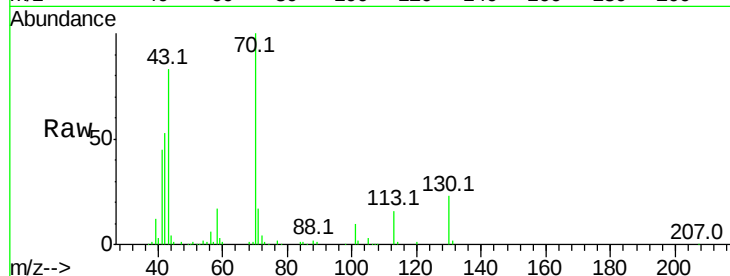
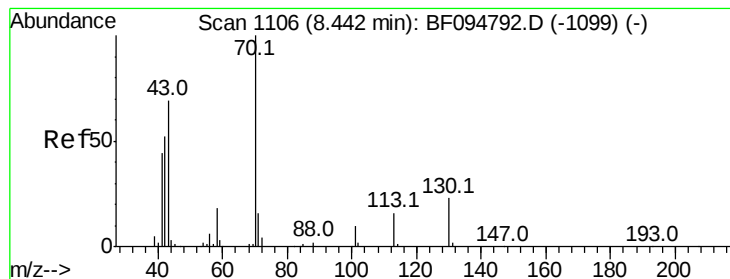
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#18
 Hexachloroethane
 Concen: 42.16 ng
 RT: 8.48 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	77.4	116.0	
201	91.3	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 44.25 ng

RT: 8.42 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Instrument :

BNA_F

ClientSampleId :

PB98841BSD

Tot Ion: 70 Resp: 176743

Ion Ratio Lower Upper

70 100

42 53.3 47.2 70.8

101 10.3 7.2 10.8

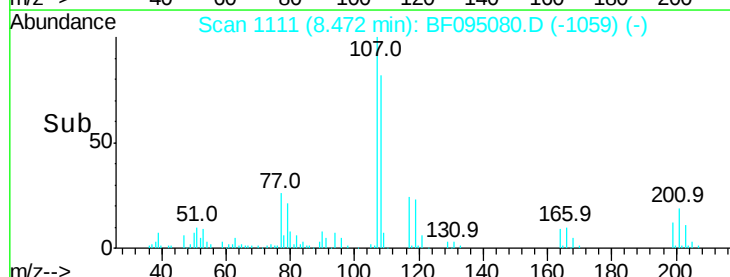
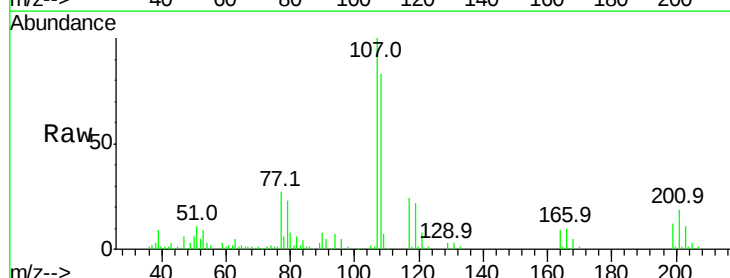
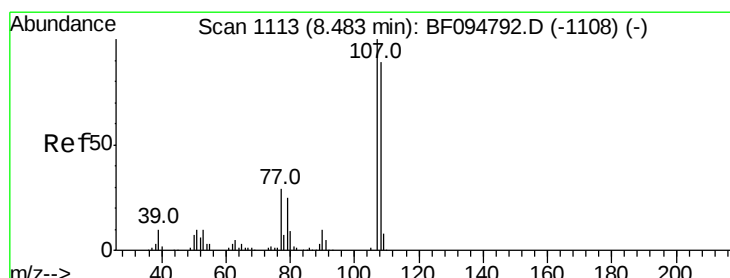
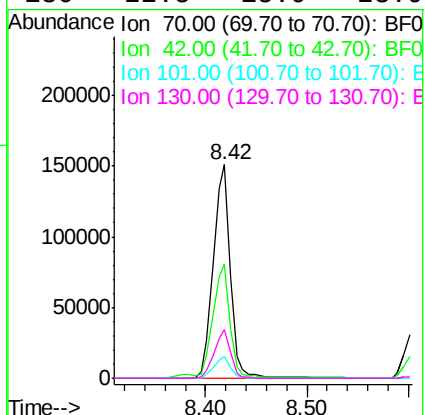
130 22.5 15.9 23.9

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#20

3+4-Methylphenols

Concen: 44.17 ng

RT: 8.47 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Tgt Ion: 107 Resp: 275195

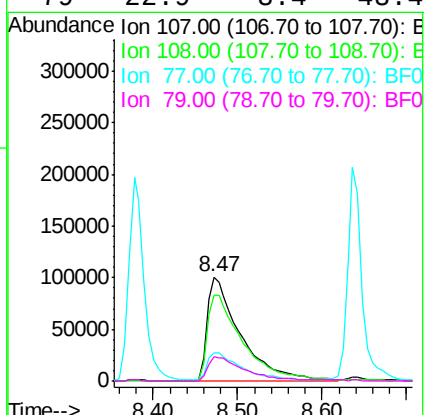
Ion Ratio Lower Upper

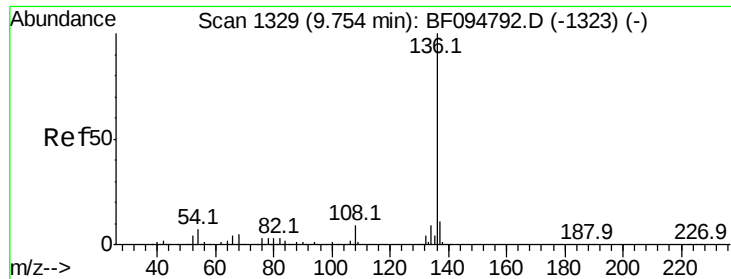
107 100

108 82.7 71.0 111.0

77 27.4 90.5 130.5#

79 22.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Instrument :

BNA_F

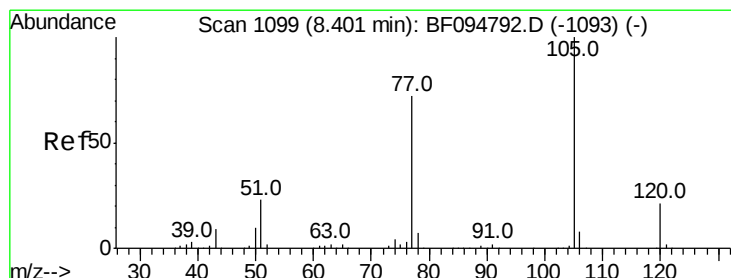
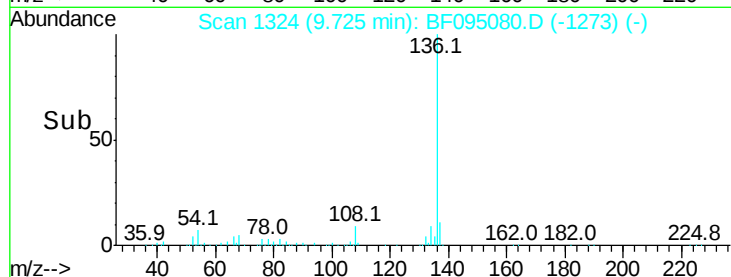
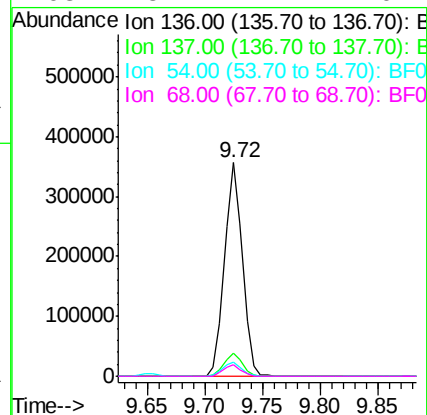
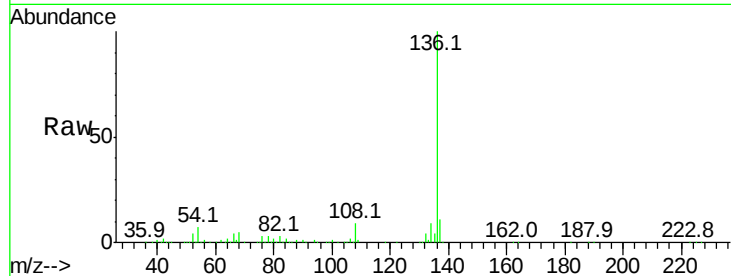
ClientSampleId :

PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.5	12.7	
54	6.6	4.9	7.3	
68	5.2	4.1	6.1	

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#22

Acetophenone

Concen: 38.52 ng

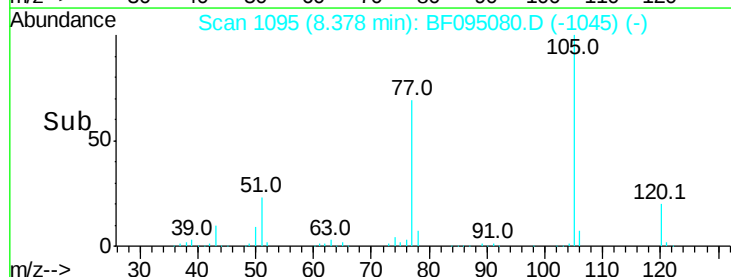
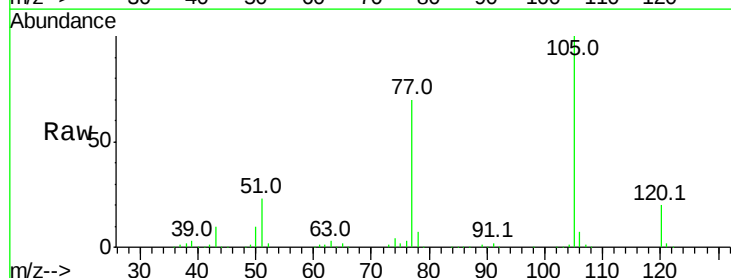
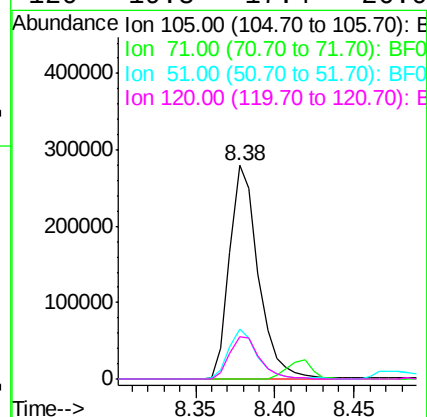
RT: 8.38 min Scan# 1095

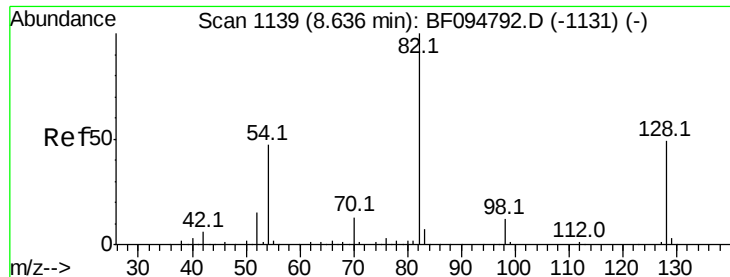
Delta R.T. -0.01 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	23.2	30.7	46.1#	
120	19.8	17.4	26.0	





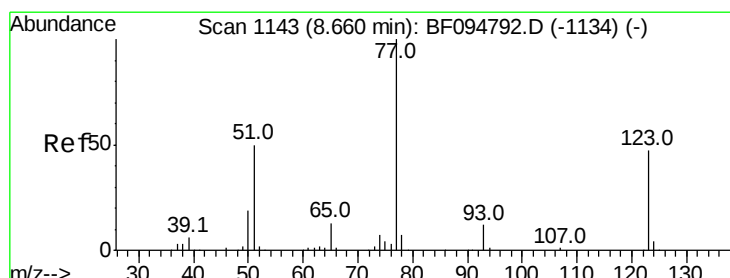
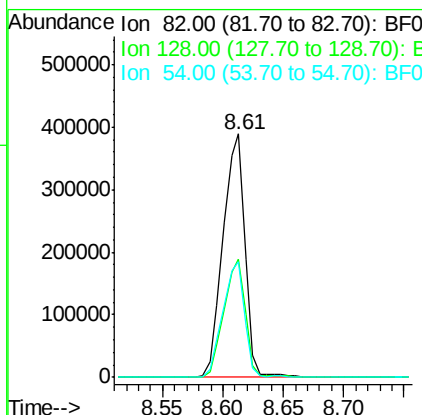
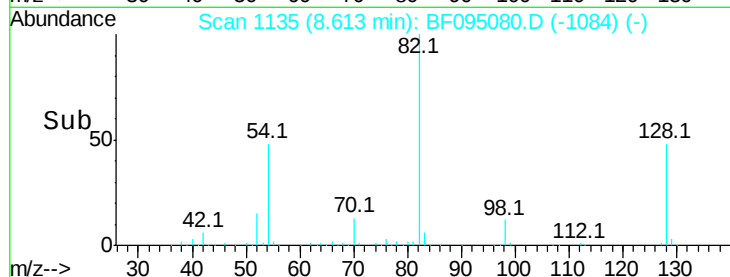
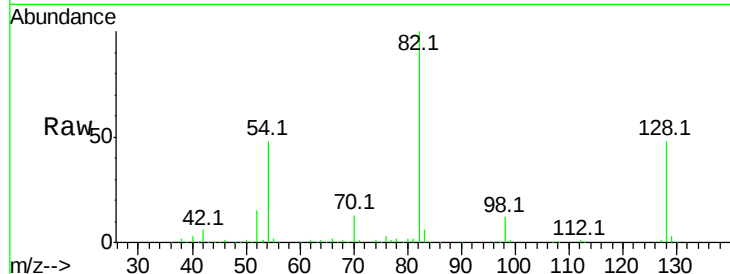
#23
 Nitrobenzene-d5
 Concen: 80.73 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.5	34.0	51.0	
54	47.6	42.2	63.2	

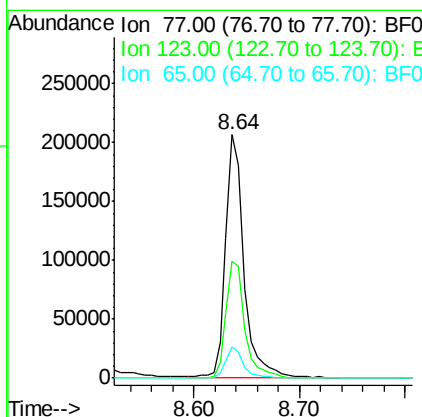
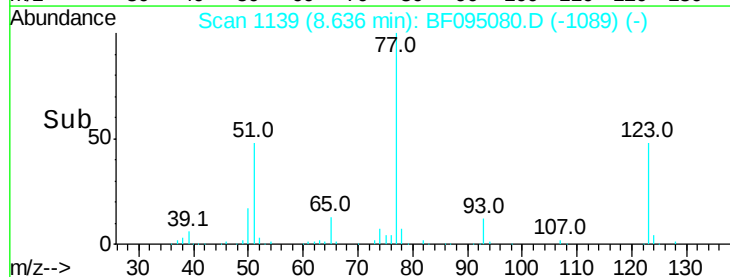
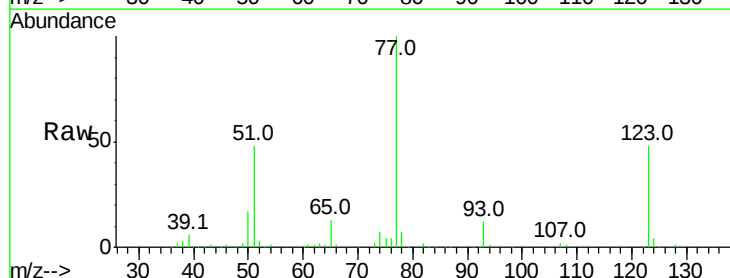
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#24
 Nitrobenzene
 Concen: 39.10 ng
 RT: 8.64 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.8	35.8	53.8	
65	12.7	10.6	15.8	





#25

Isophorone

Concen: 42.64 ng

RT: 9.04 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Instrument :

BNA_F

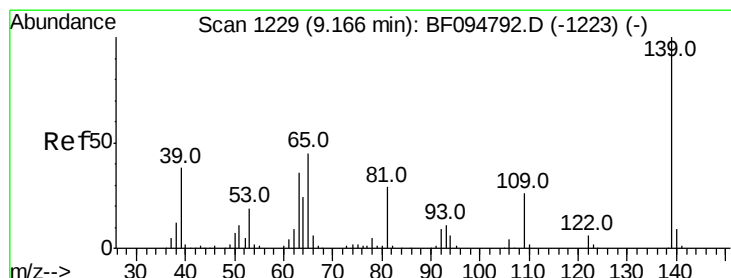
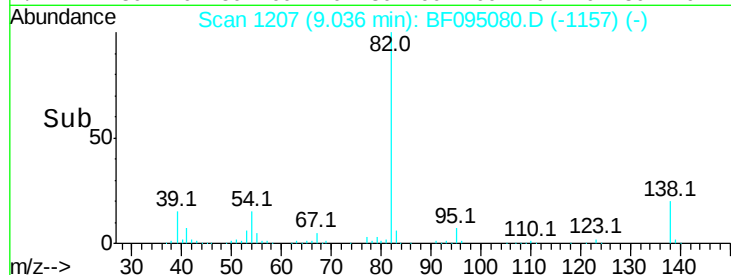
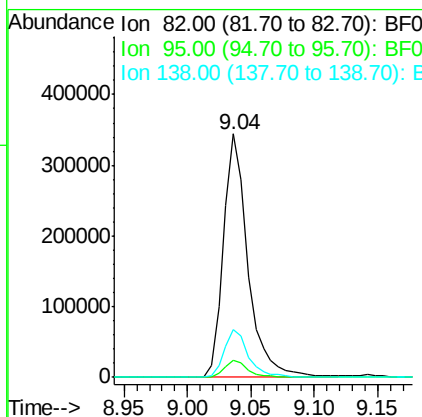
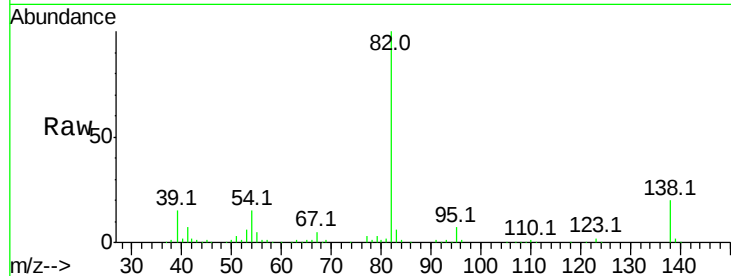
ClientSampleId :

PB98841BSD

Tot Ion:	82	Resp:	461846
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	19.7	13.1	19.7#

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#26

2-Nitrophenol

Concen: 43.40 ng

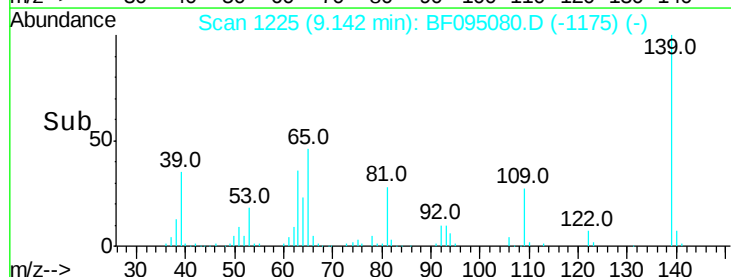
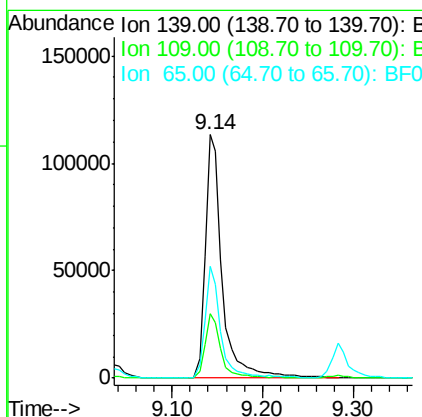
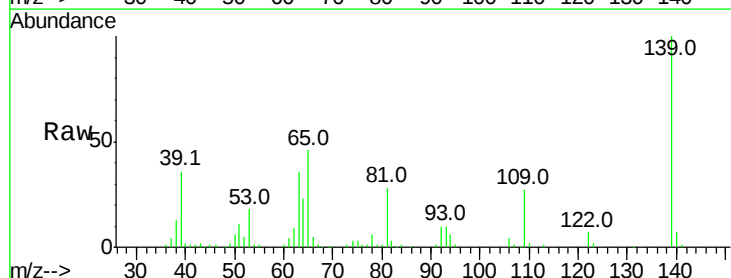
RT: 9.14 min Scan# 1225

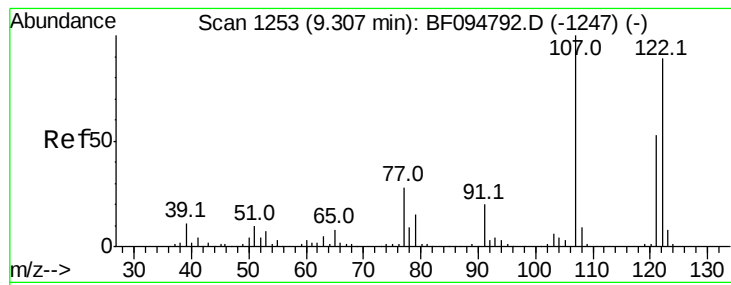
Delta R.T. -0.01 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Tgt Ion:	139	Resp:	148915
Ion Ratio	Lower	Upper	
139	100		
109	26.7	21.0	31.6
65	45.9	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 42.81 ng

RT: 9.28 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Instrument :

BNA_F

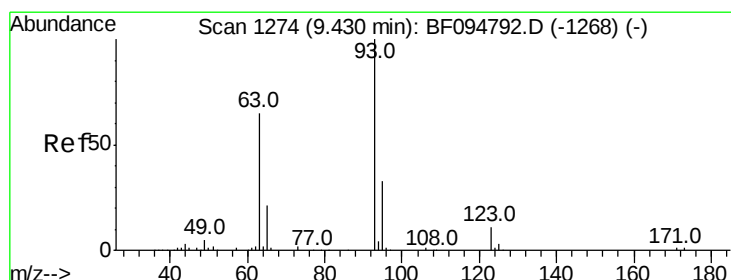
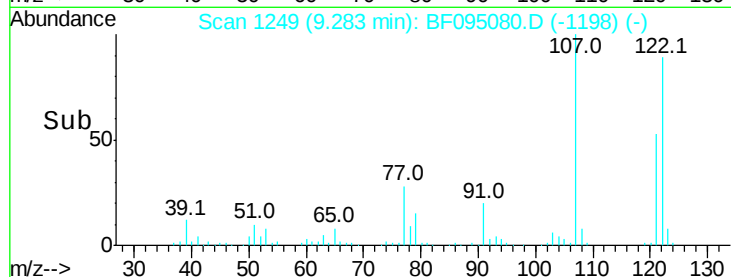
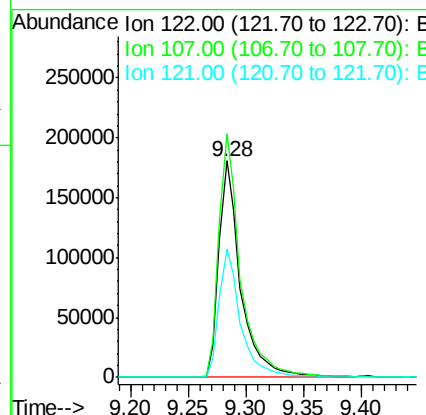
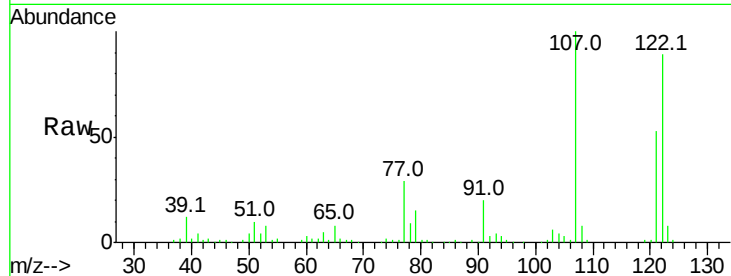
ClientSampled :

PB98841BSD

Tot Ion:	122	Resp:	237467
Ion Ratio	Lower	Upper	
122	100		
107	112.6	89.2	133.8
121	59.3	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 40.11 ng

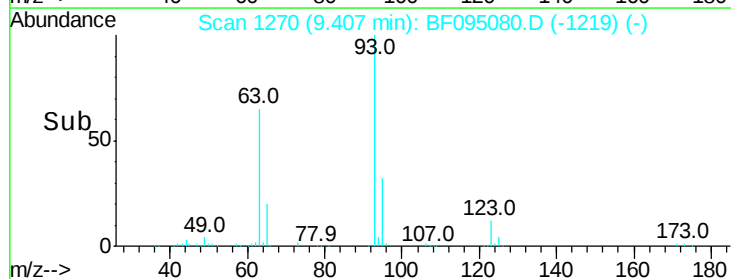
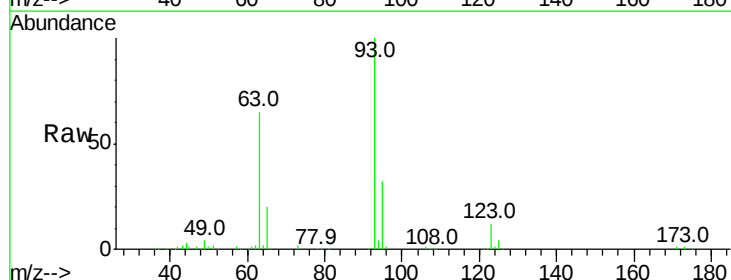
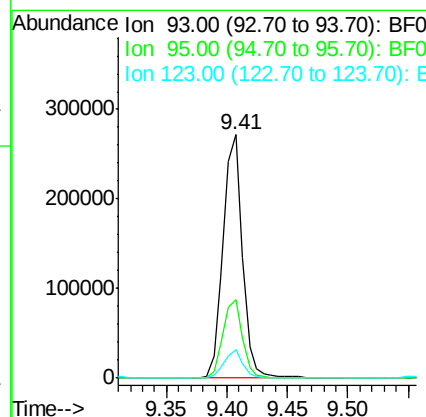
RT: 9.41 min Scan# 1270

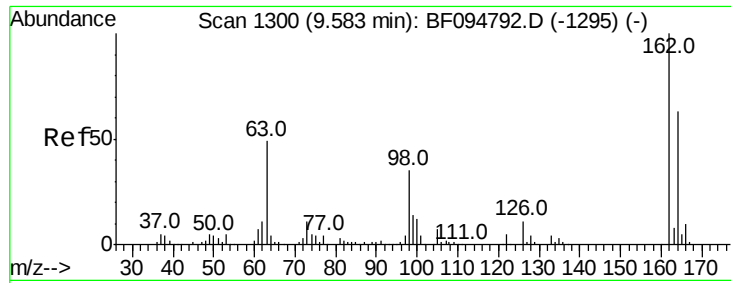
Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Tgt Ion:	93	Resp:	300530
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.5	39.7
123	11.6	9.0	13.4





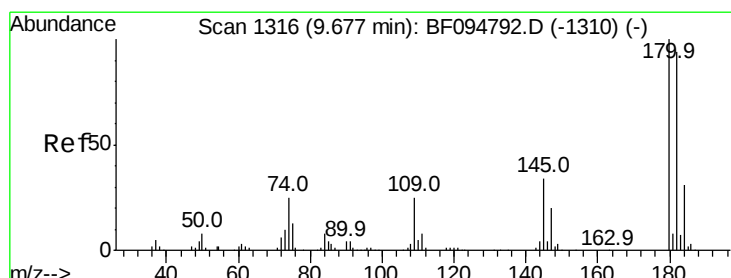
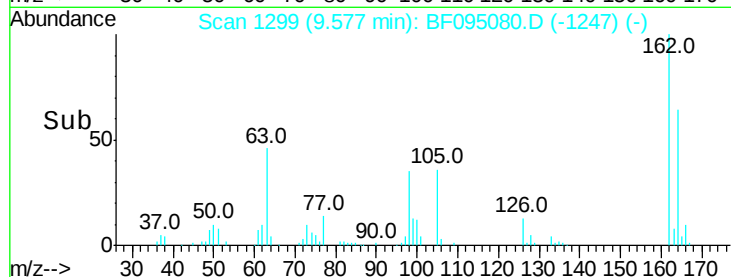
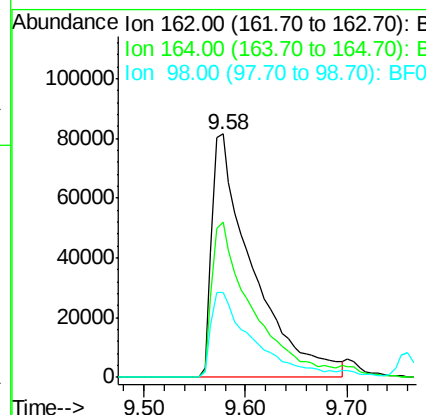
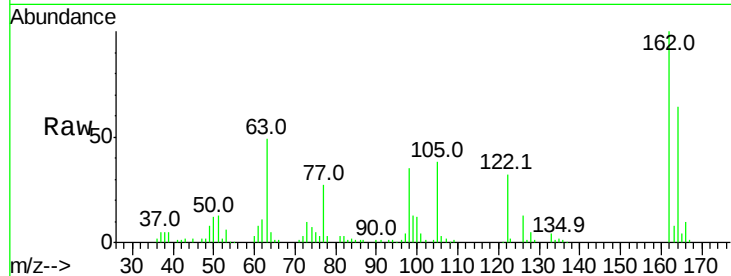
#29
 2,4-Dichlorophenol
 Concen: 43.40 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. 0.01 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	227318		
164	63.6	44.6	84.6	
98	34.9	14.8	54.8	

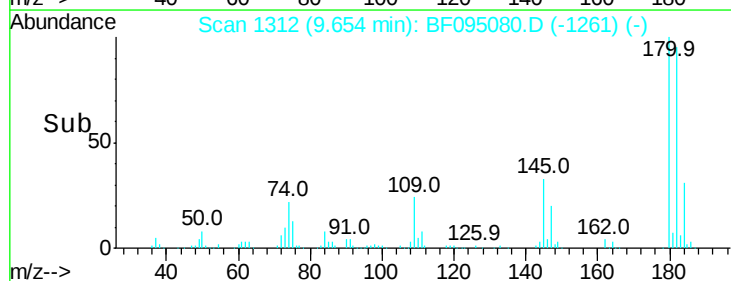
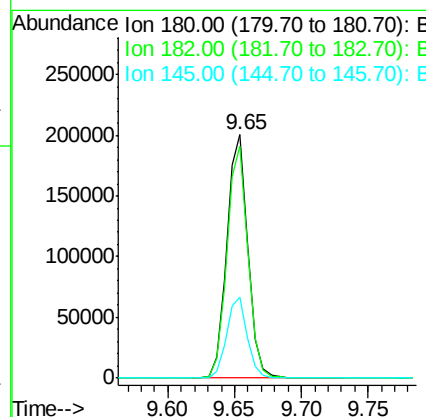
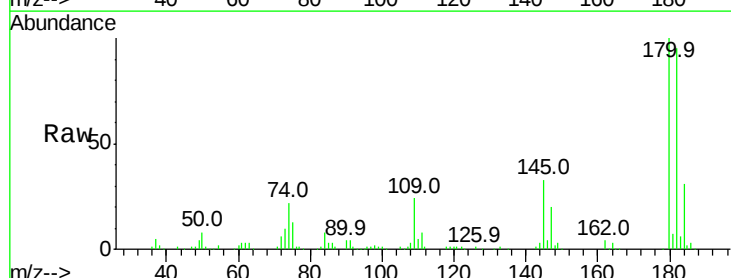
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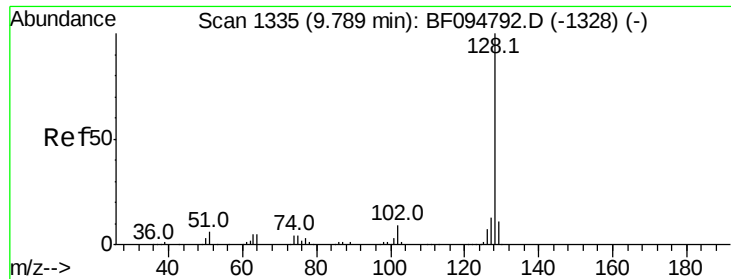
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.76 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	223115		
182	95.5	75.8	113.6	
145	33.1	25.3	37.9	





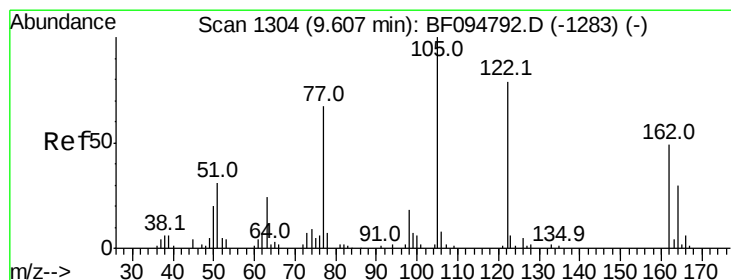
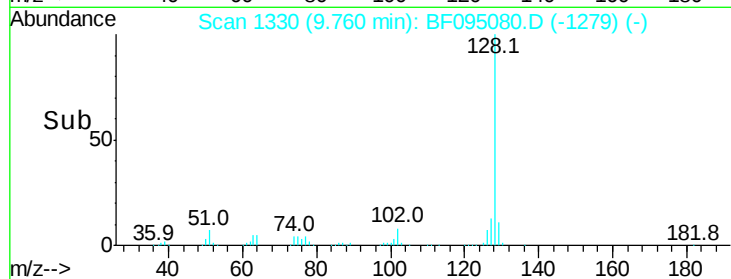
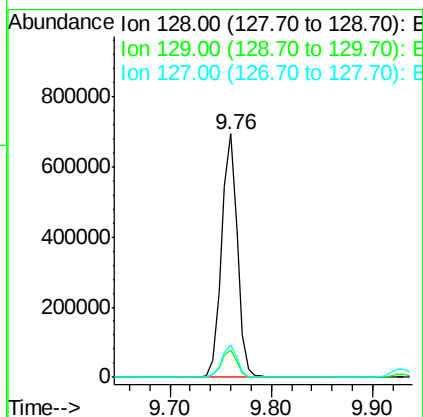
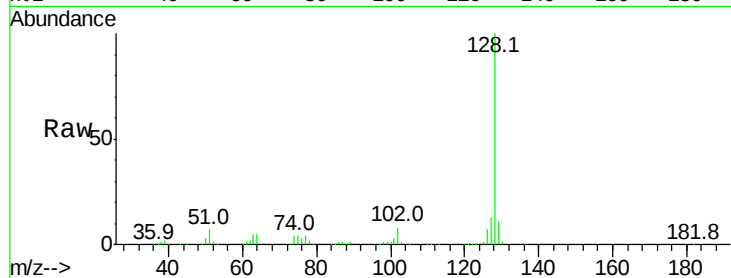
#31
Naphthalene
Concen: 39.02 ng
RT: 9.76 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.0	13.6	
127	13.3	10.8	16.2	

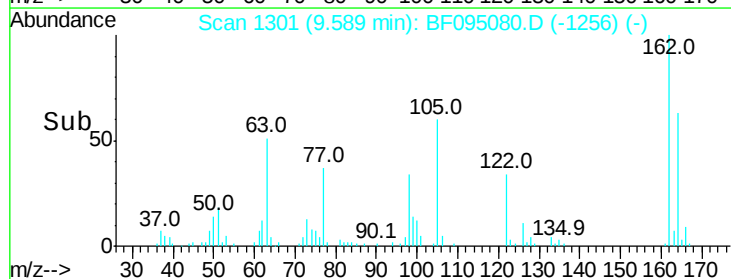
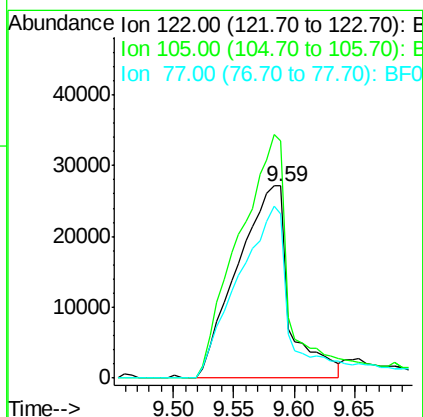
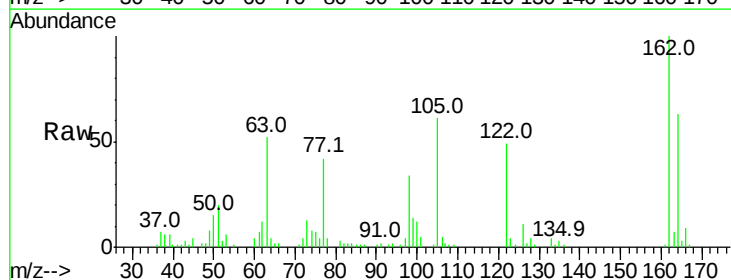
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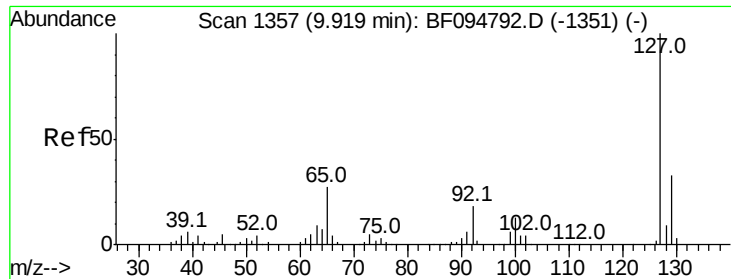
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#32
Benzoic acid
Concen: 25.10 ng
RT: 9.59 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.3	103.3	143.3	
77	85.2	73.7	113.7	





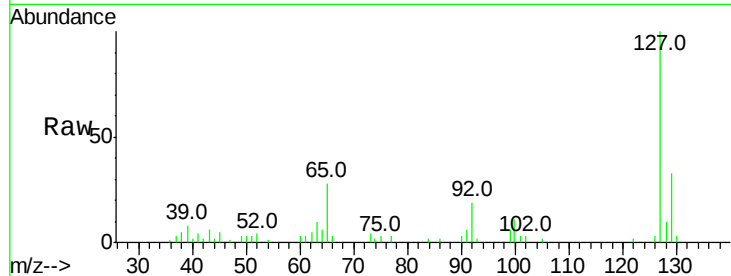
#33
 4-Chloroaniline
 Concen: 9.03 ng
 RT: 9.92 min Scan# 1358
 Delta R.T. 0.03 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

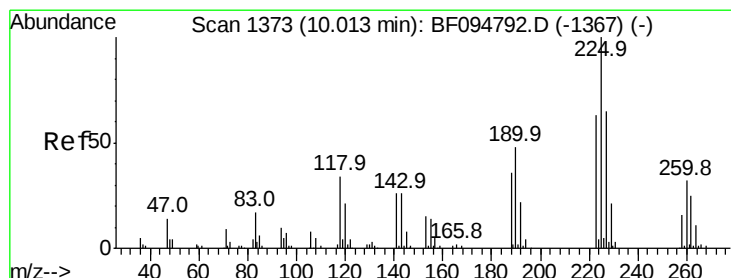
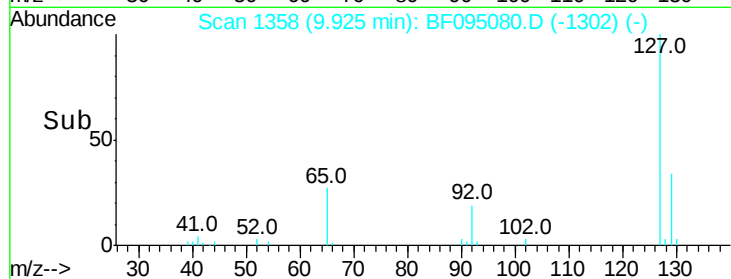
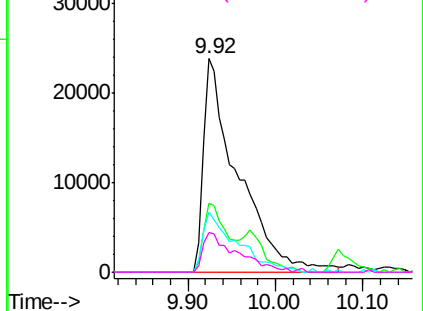
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	28.0	27.8	41.8
92	18.5	16.8	25.2

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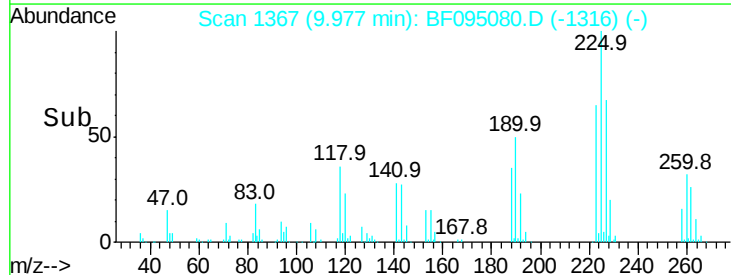
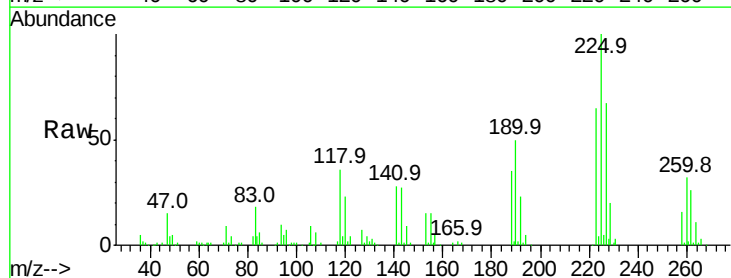
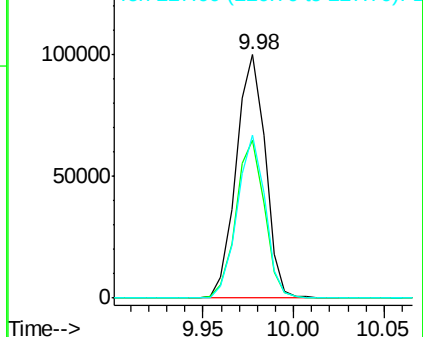
Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0



#34
 Hexachlorobutadiene
 Concen: 37.88 ng
 RT: 9.98 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	48.8	73.2
227	66.8	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: 38.38 ng/mL

RT: 10.53 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Instrument :

BNA_F

ClientSampleId :

PB98841BSD

Tot Ion:113 Resp: 60360

Ion Ratio Lower Upper

113 100

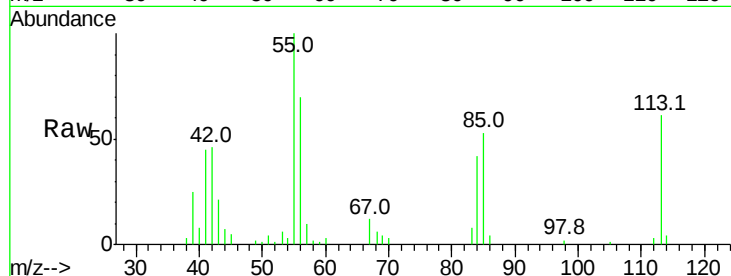
55 163.0 150.2 190.2

56 114.2 107.8 147.8

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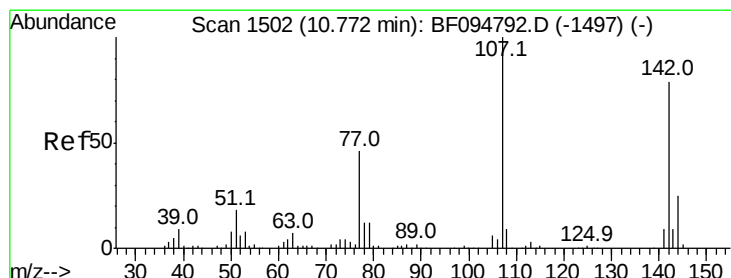
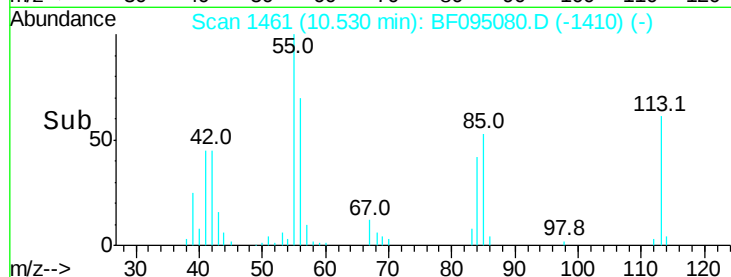
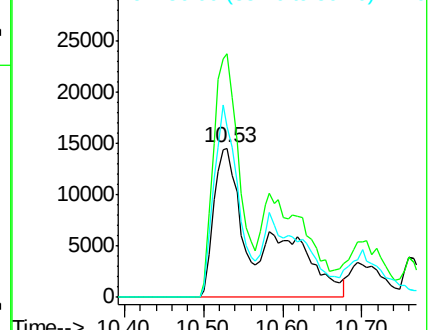
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.42 ng/mL

RT: 10.76 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

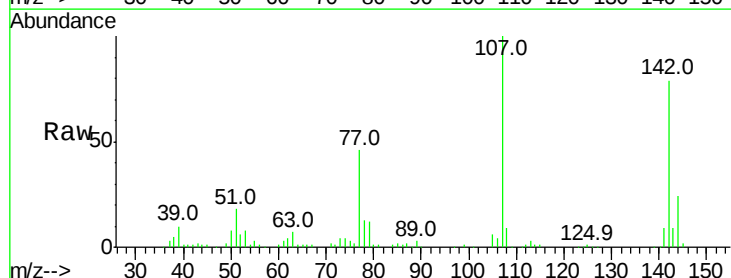
Tgt Ion:107 Resp: 237519

Ion Ratio Lower Upper

107 100

144 24.4 24.2 36.4

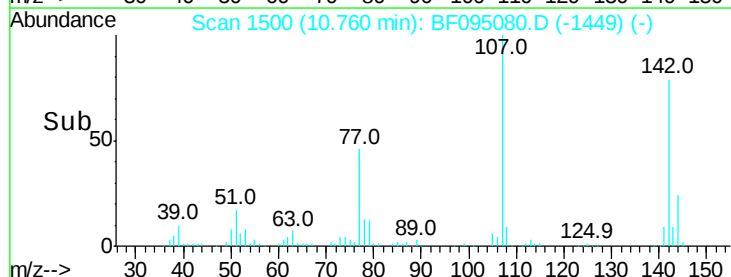
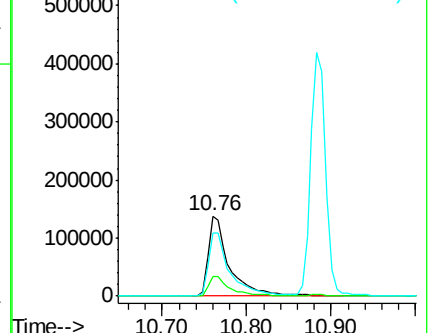
142 78.8 73.4 110.0

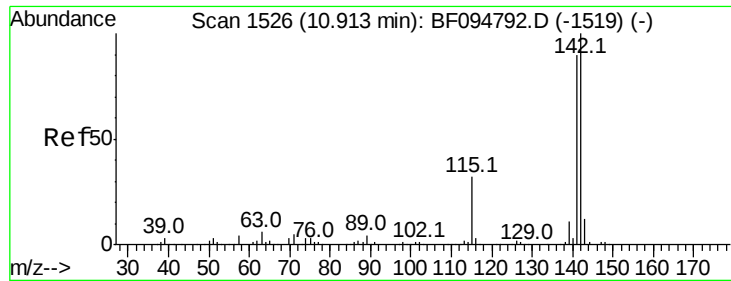


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





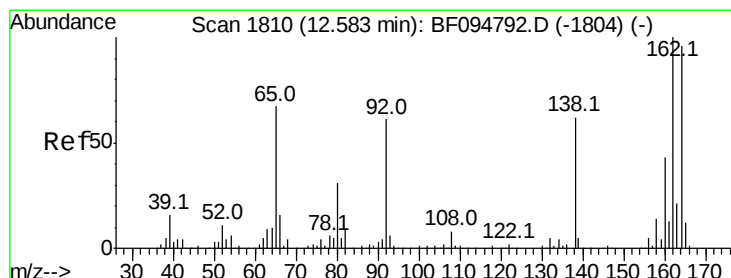
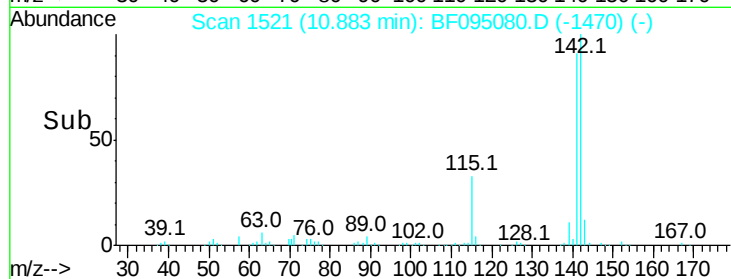
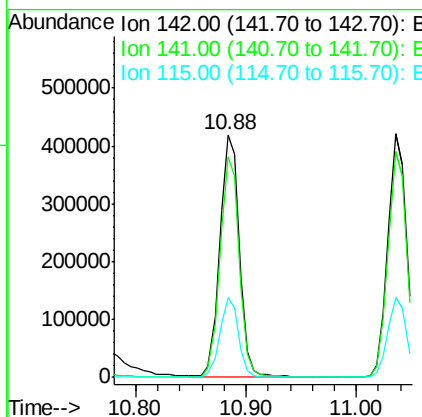
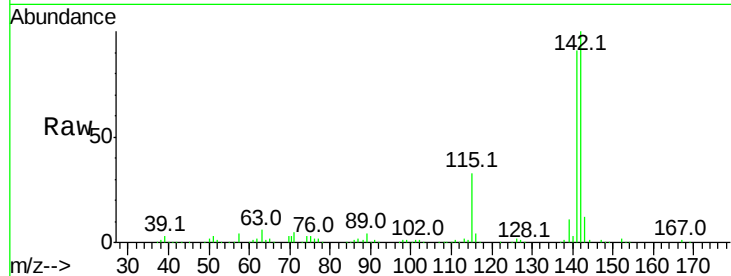
#37
2-Methylnaphthalene
Concen: 41.17 ng
RT: 10.88 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampled :
PB98841BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.3	106.9
115	32.7	27.1	40.7

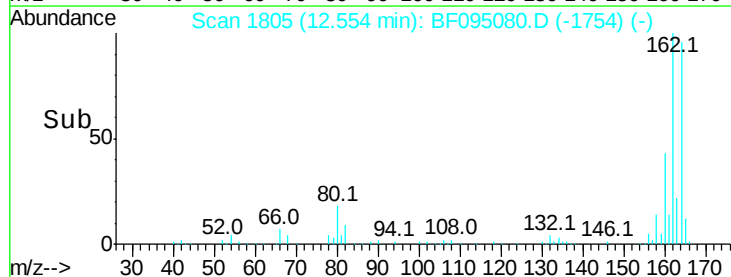
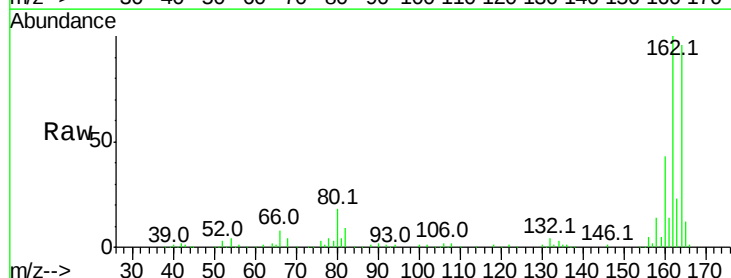
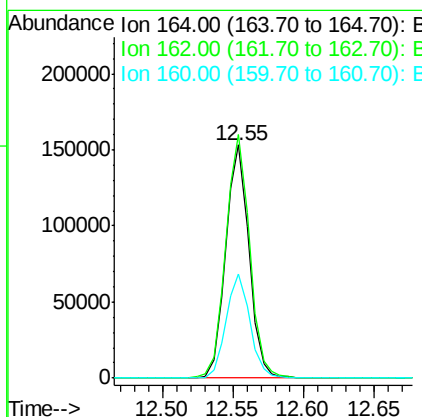
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	44.6	36.2	54.2





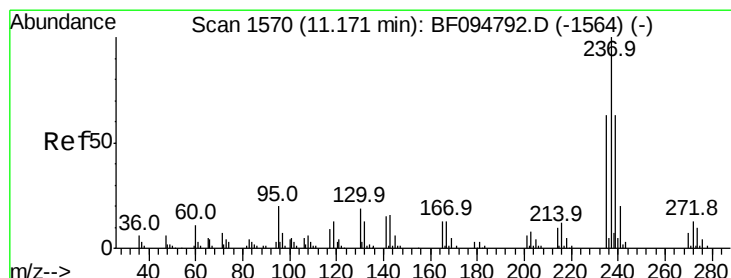
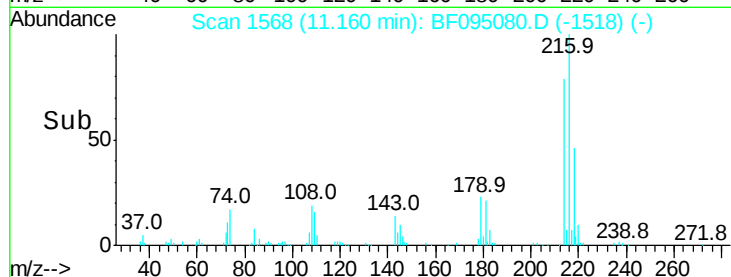
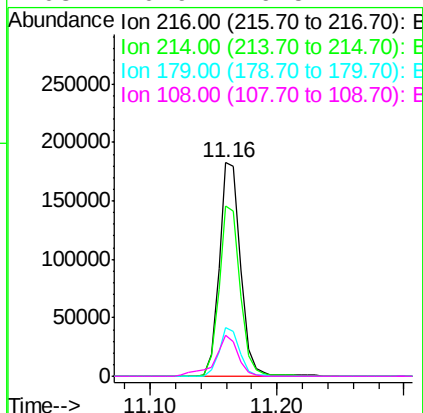
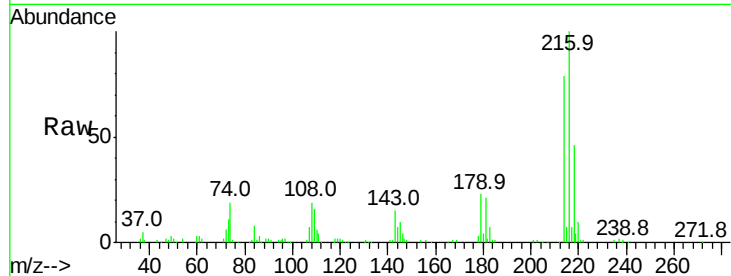
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.55 ng
 RT: 11.16 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	213232		
214	78.9	63.4	95.2	
179	21.9	17.9	26.9	
108	20.9	16.5	24.7	

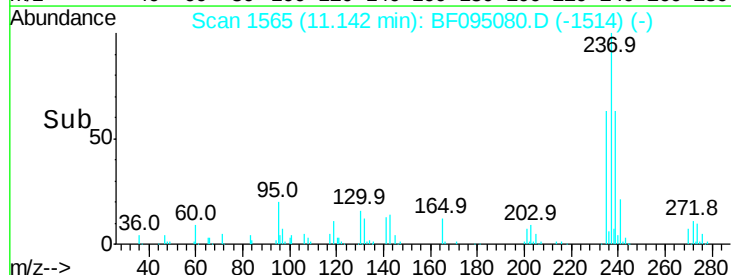
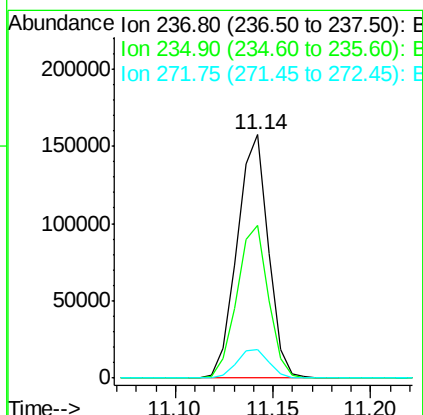
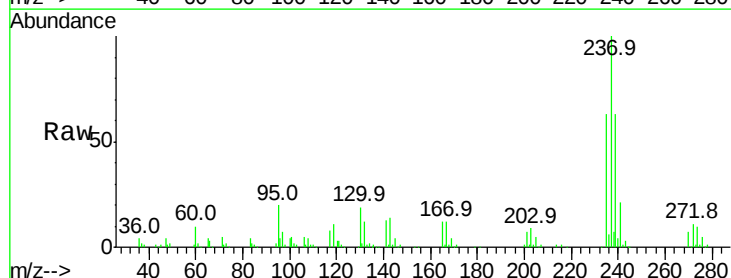
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#40
 Hexachlorocyclopentadiene
 Concen: 77.08 ng
 RT: 11.14 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	174171		
235	62.7	42.6	82.6	
272	11.5	0.0	31.9	





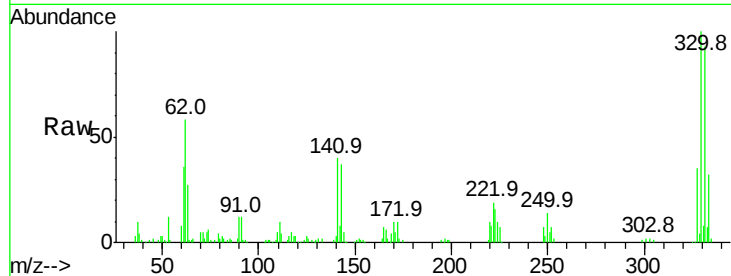
#41
 2,4,6-Tribromophenol
 Concen: 96.22 ng
 RT: 13.85 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleID :
 PB98841BSD

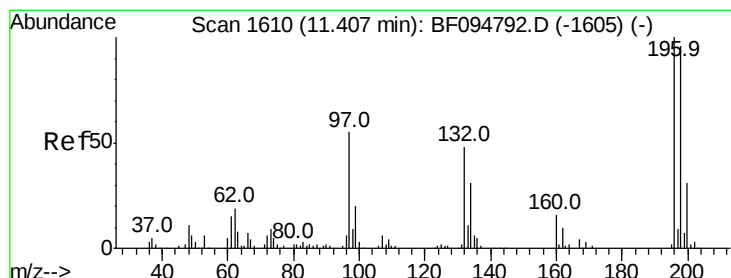
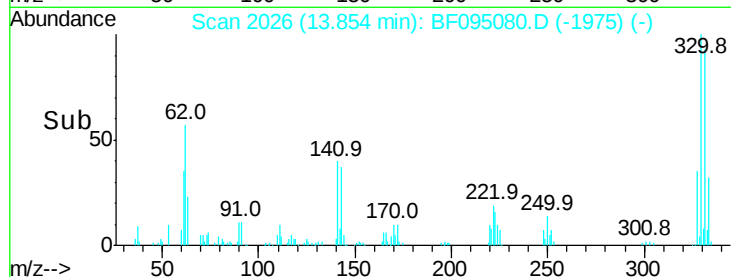
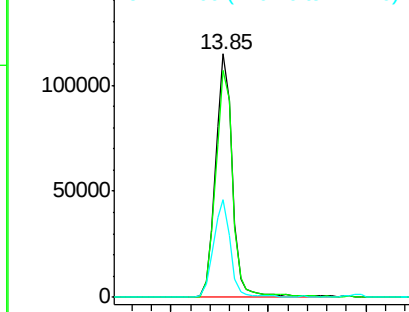
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	76.6	115.0	
141	40.1	31.4	47.2	

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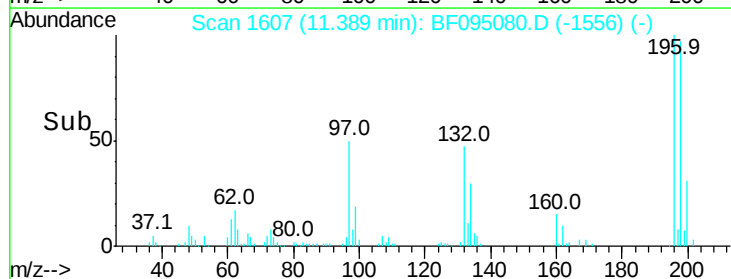
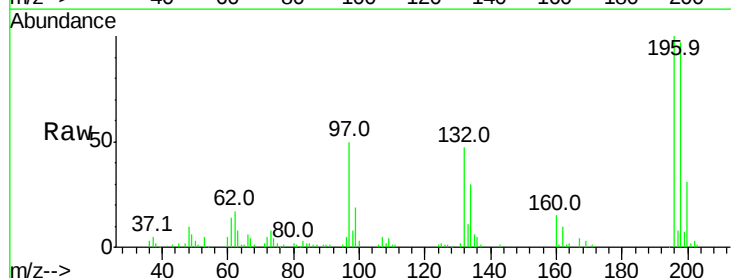
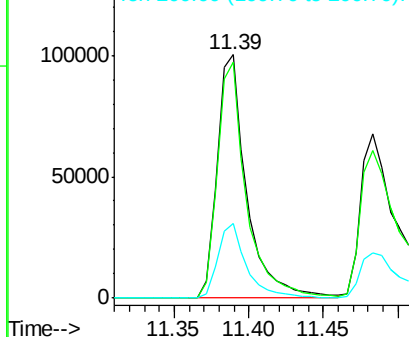
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.58 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.7	74.2	111.4	
200	30.5	24.0	36.0	

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





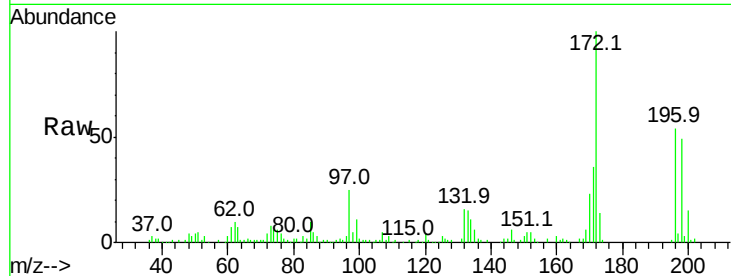
#43
 2,4,5-Trichlorophenol
 Concen: 35.41 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	137016		
198	89.7	75.7	113.5	
97	46.0	47.7	71.5#	
132	30.1	28.0	42.0	

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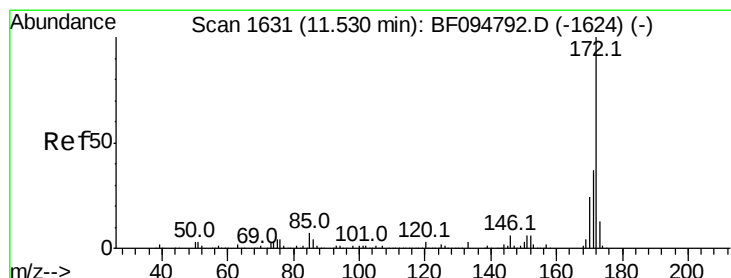
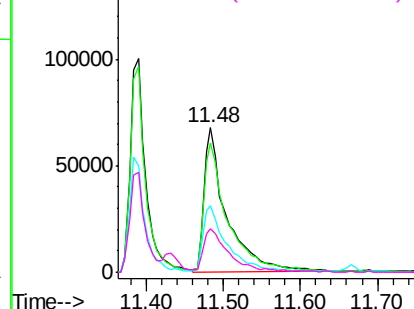
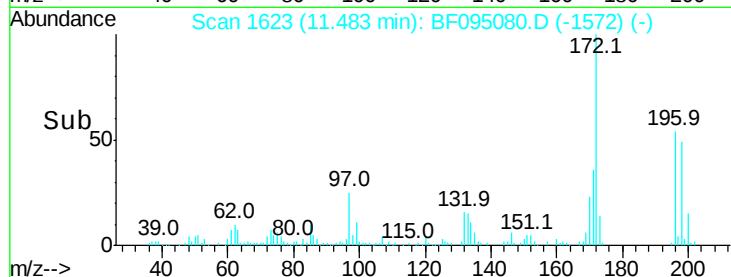
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

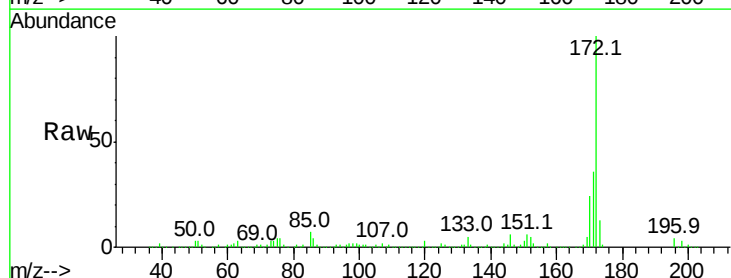
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.28 ng
 RT: 11.50 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	941332		
171	35.9	29.6	44.4	
170	23.9	19.8	29.8	

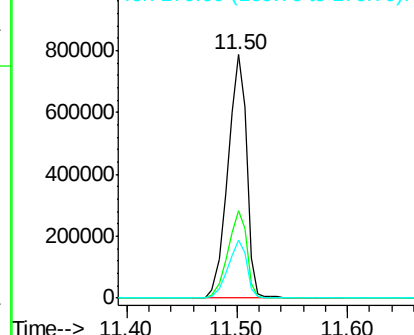
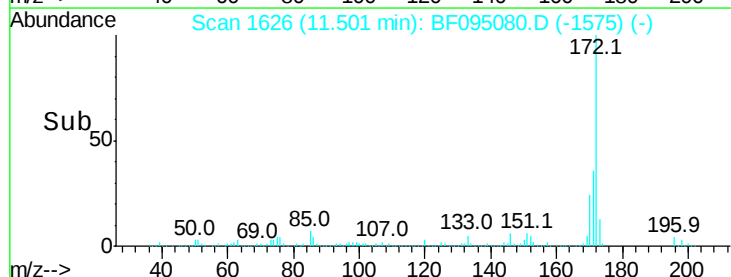


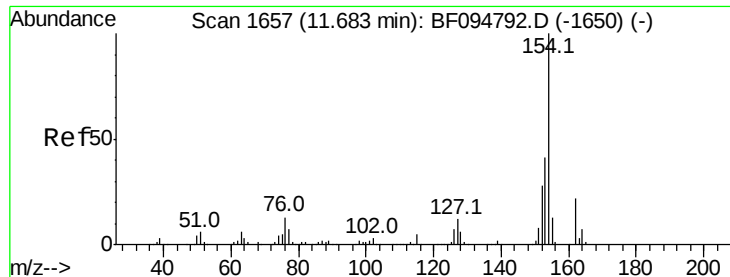
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





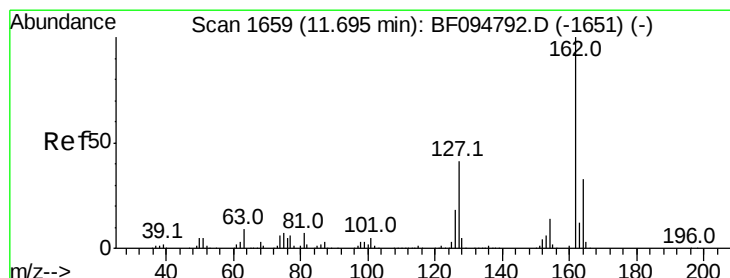
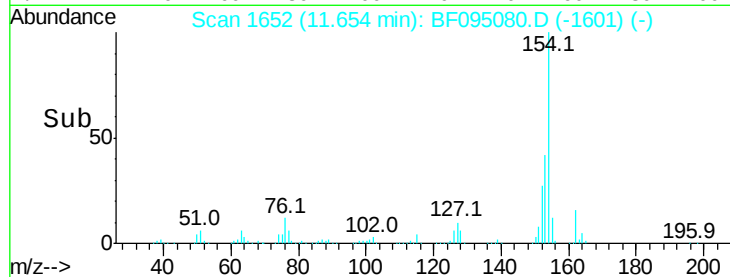
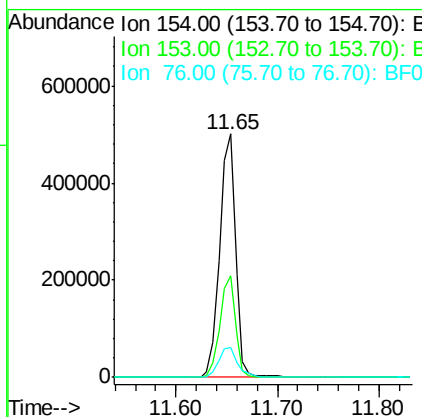
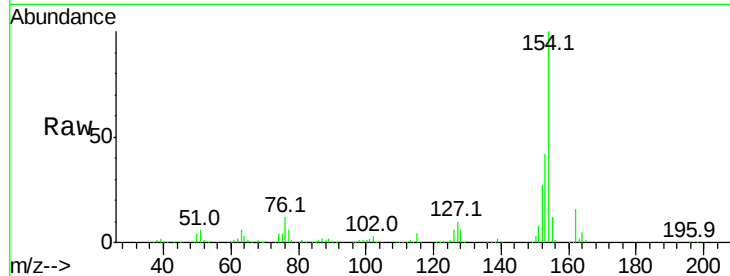
#45
1,1'-Biphenyl
Concen: 37.08 ng
RT: 11.65 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.7	21.2	61.2	
76	12.3	0.0	29.9	

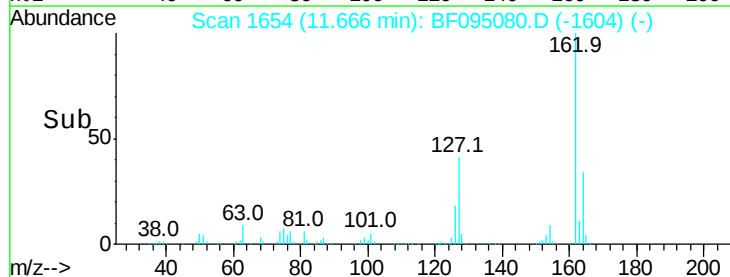
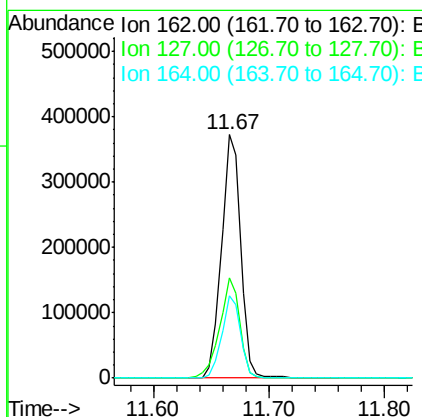
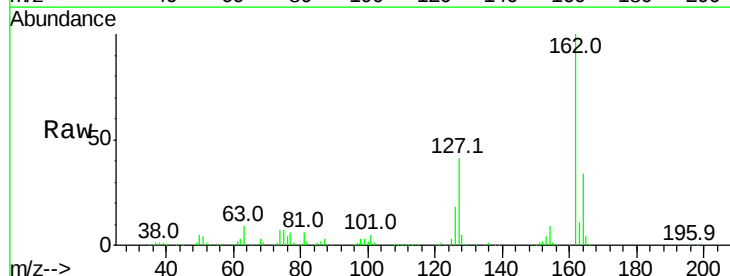
Manual Integrations
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#46
2-Chloronaphthalene
Concen: 36.19 ng
RT: 11.67 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.0	28.3	42.5	
164	33.6	27.0	40.4	





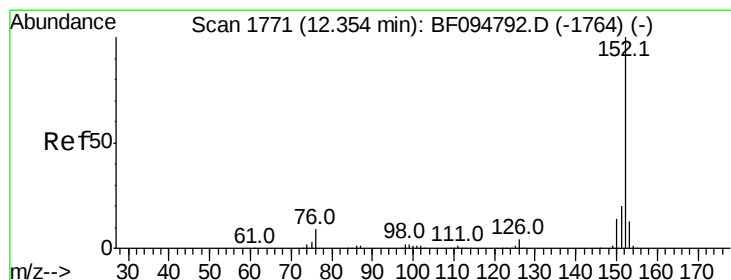
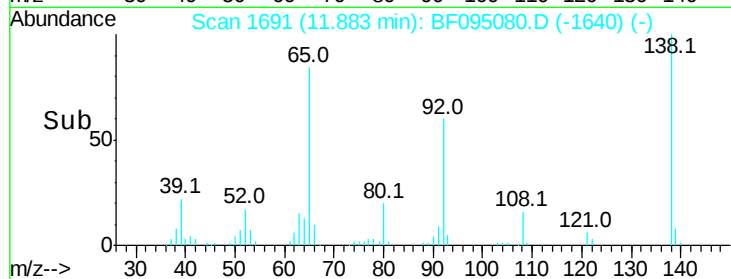
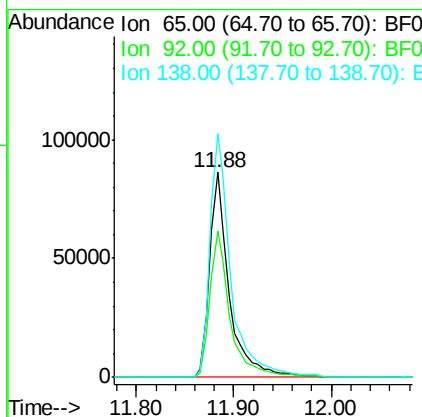
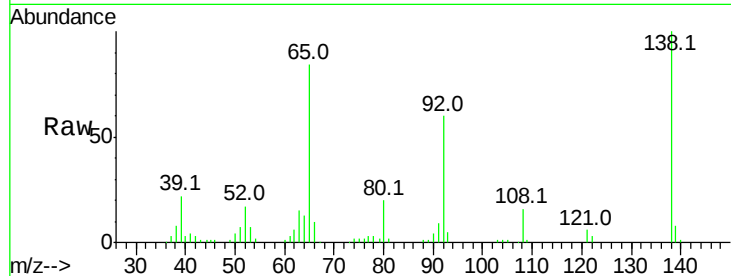
#47
 2-Nitroaniline
 Concen: 37.09 ng
 RT: 11.88 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.4	53.9	80.9
138	119.0	78.8	118.2

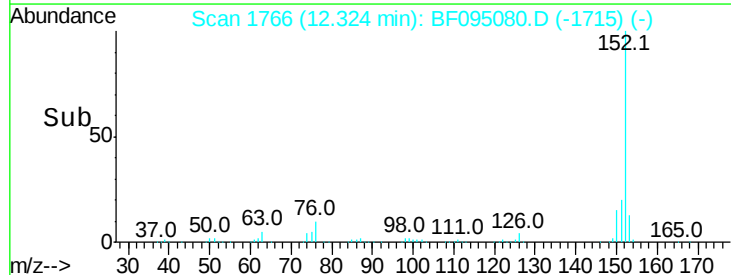
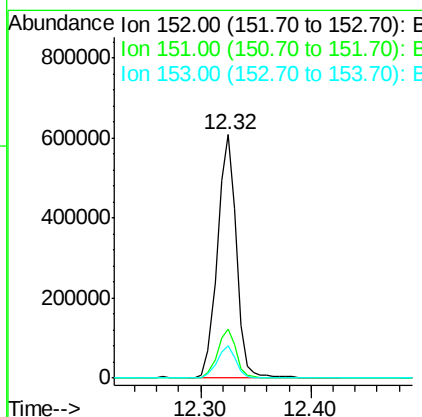
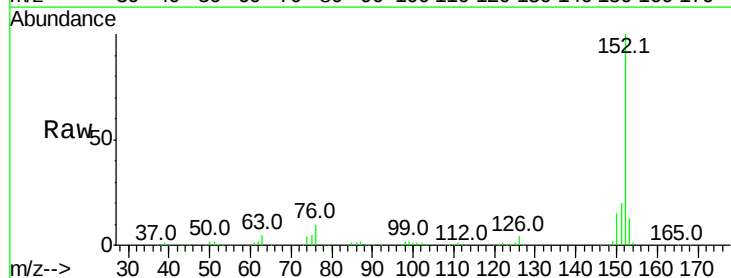
Manual Integrations
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#48
 Acenaphthylene
 Concen: 38.83 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.2	10.8	16.2





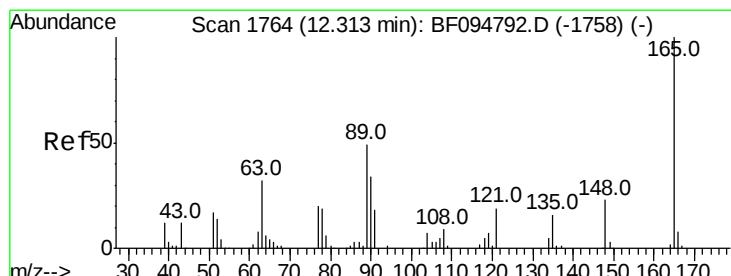
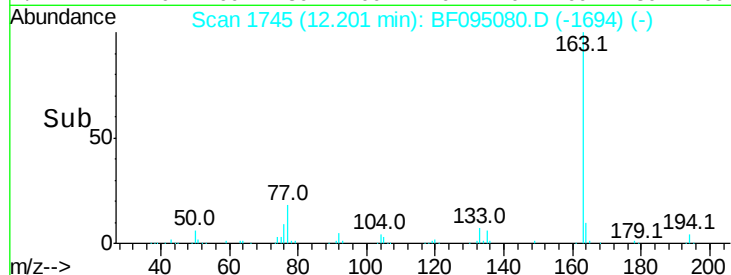
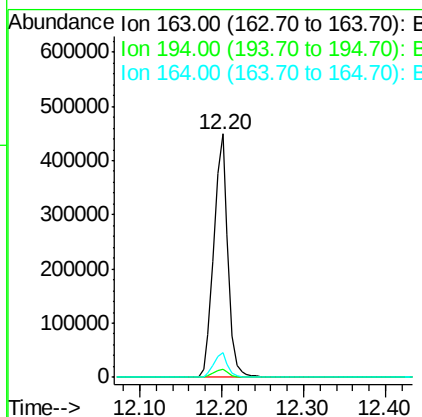
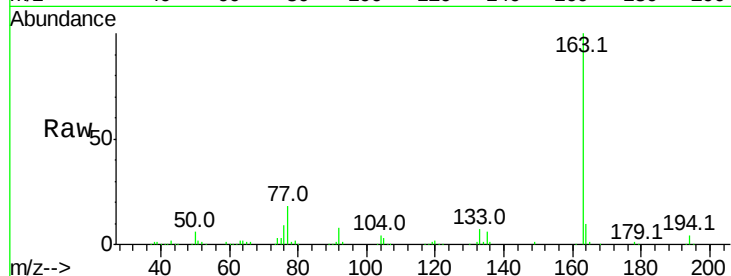
#49
Dimethylphthalate
Concen: 37.49 ng
RT: 12.20 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.6	4.0	
164	10.1	8.4	12.6	

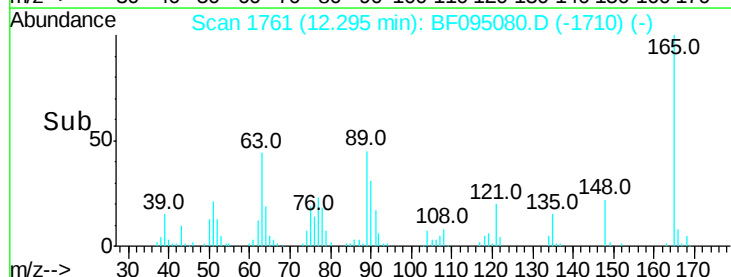
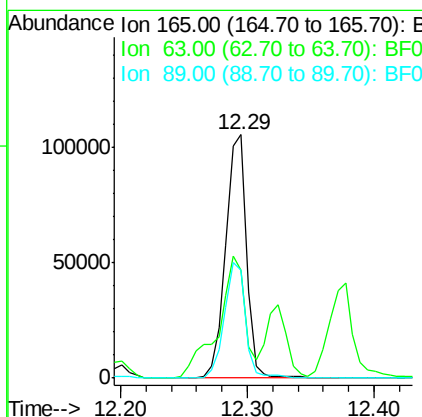
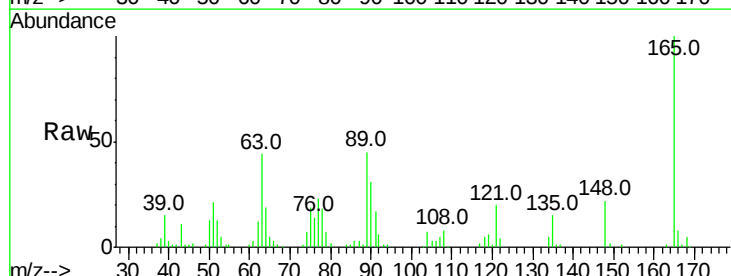
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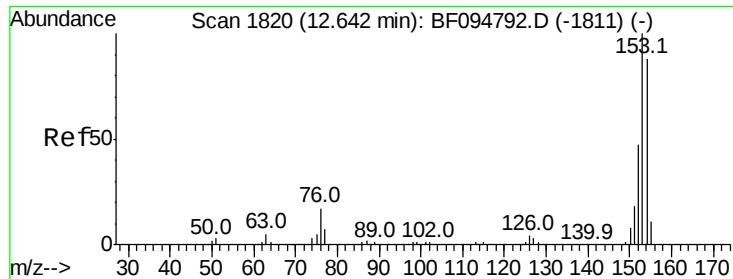
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#50
2,6-Dinitrotoluene
Concen: 40.89 ng
RT: 12.29 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.5	34.3	51.5	
89	44.6	37.1	55.7	





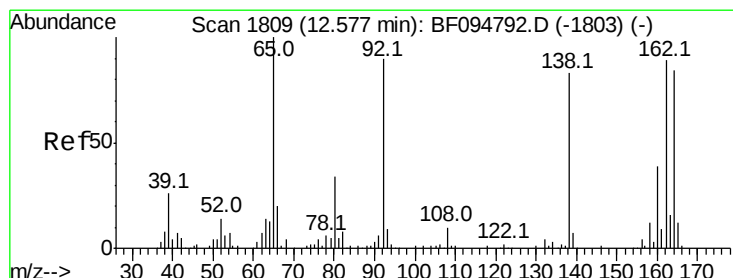
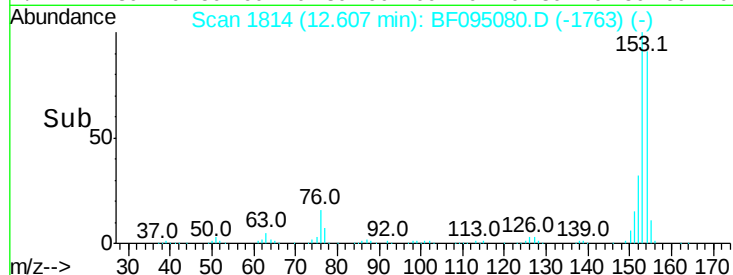
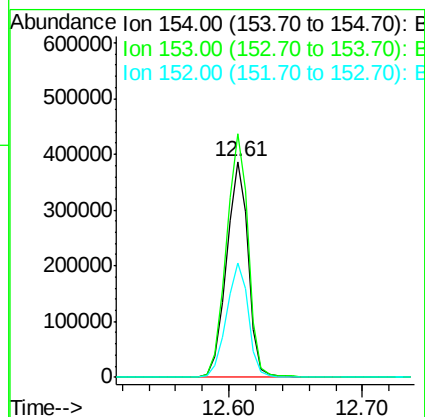
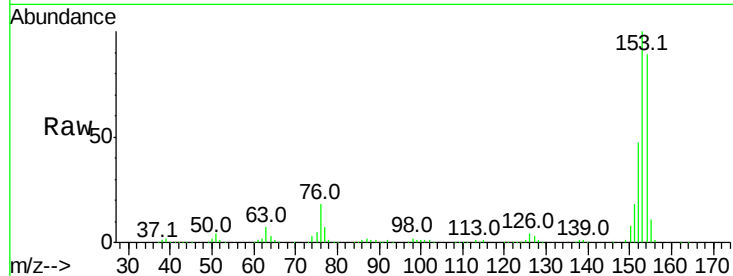
#51
Acenaphthene
Concen: 39.89 ng
RT: 12.61 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.5	135.7
152	52.9	43.6	65.4

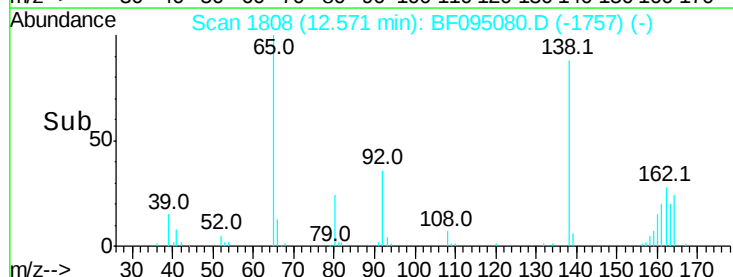
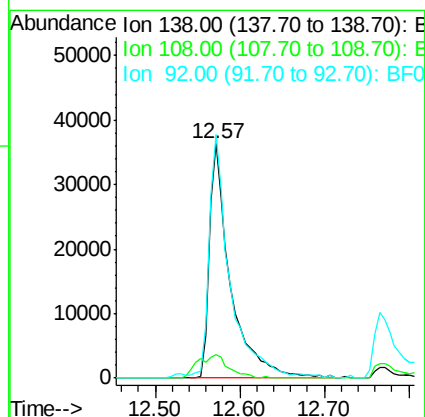
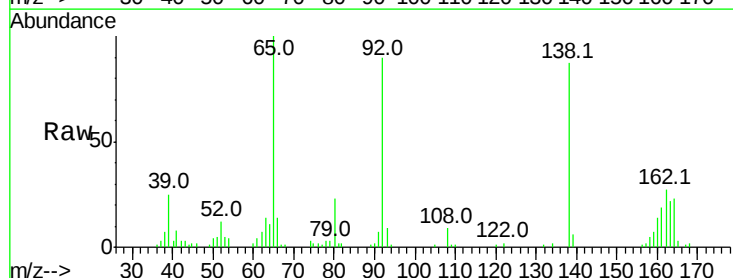
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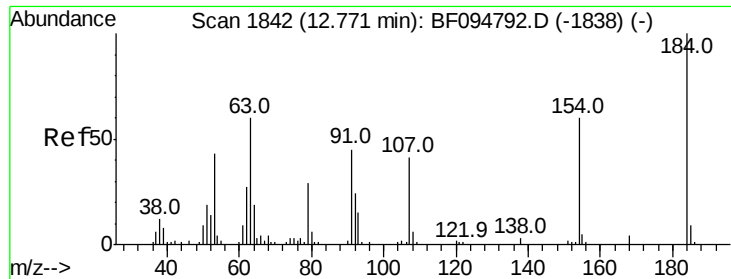
mohammad
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#52
3-Nitroaniline
Concen: 20.08 ng
RT: 12.57 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.1	13.7
92	103.8	93.8	140.6





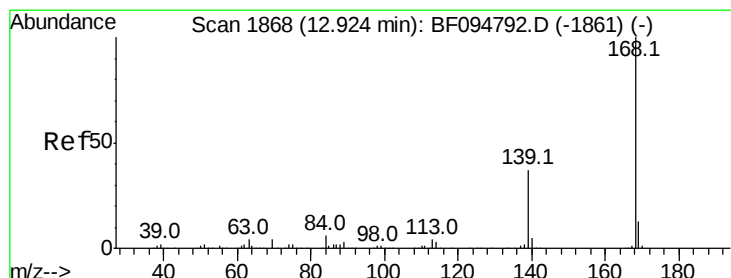
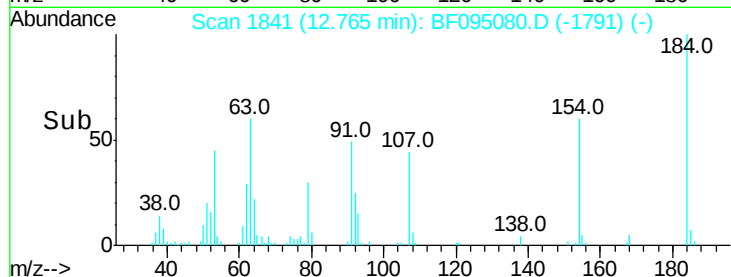
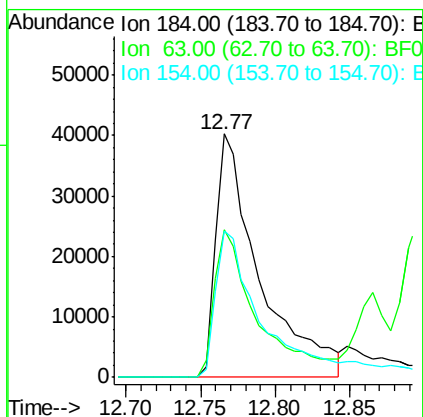
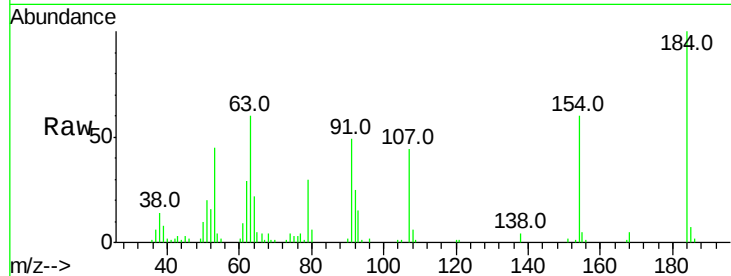
#53
 2,4-Dinitrophenol
 Concen: 53.05 ng
 RT: 12.77 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampled :
 PB98841BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.5	62.7	94.1#
154	59.9	81.1	121.7#

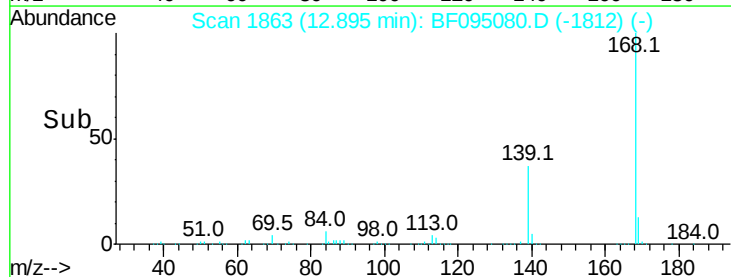
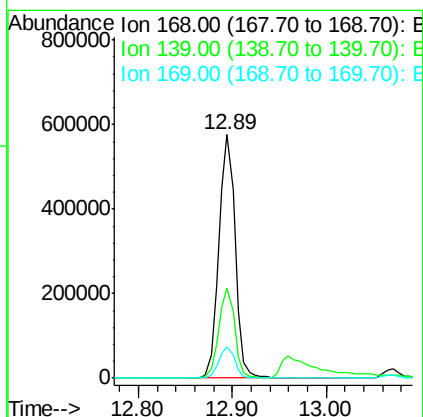
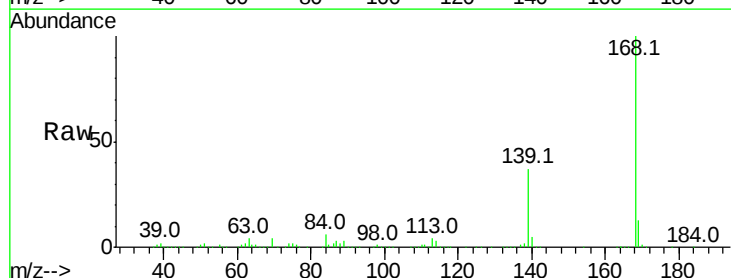
Manual Integrations
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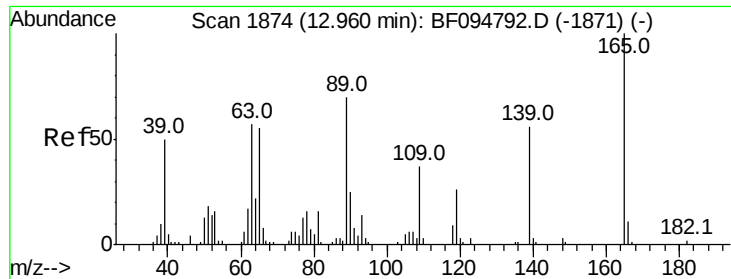
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#54
 Dibenzofuran
 Concen: 45.38 ng
 RT: 12.89 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.6	45.8
169	12.8	10.8	16.2





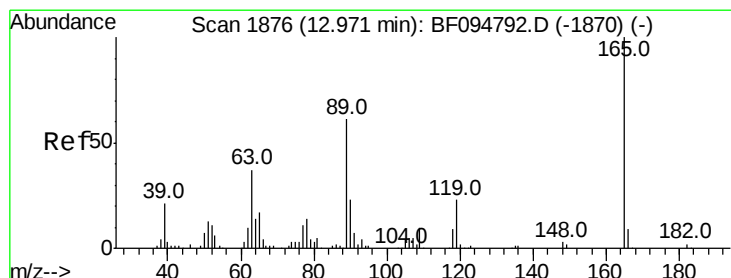
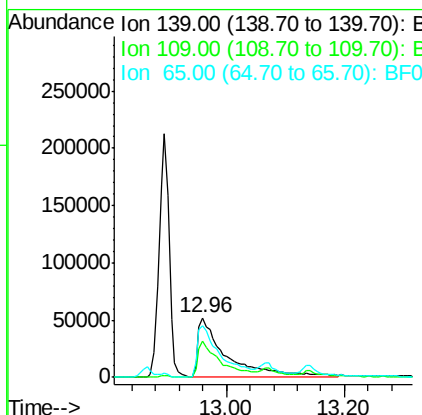
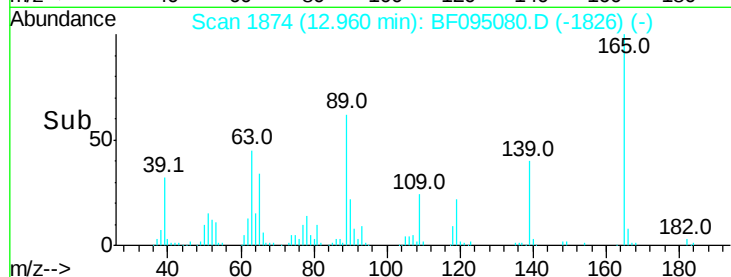
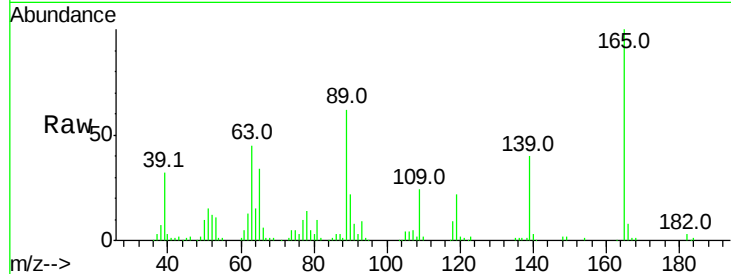
#55
4-Nitrophenol
Concen: 87.94 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.02 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampled :
PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	166476		
109	59.5	34.1	74.1	
65	86.1	31.4	71.4	

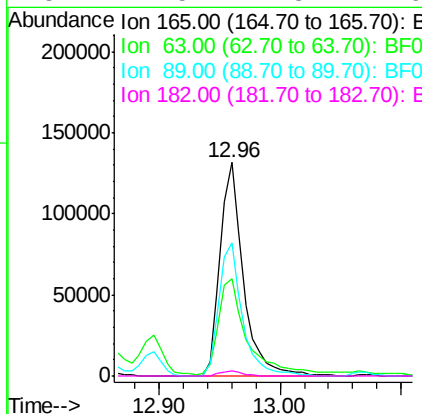
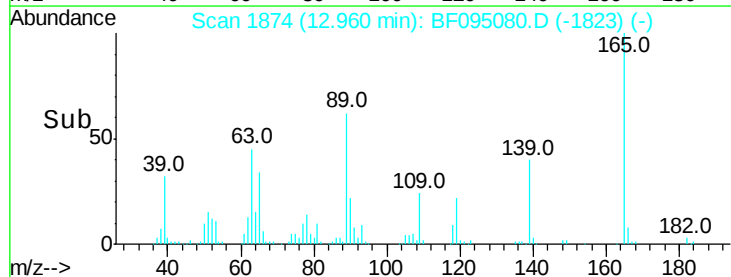
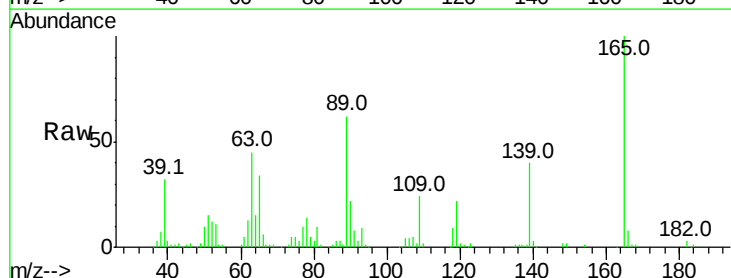
Manual Integrations
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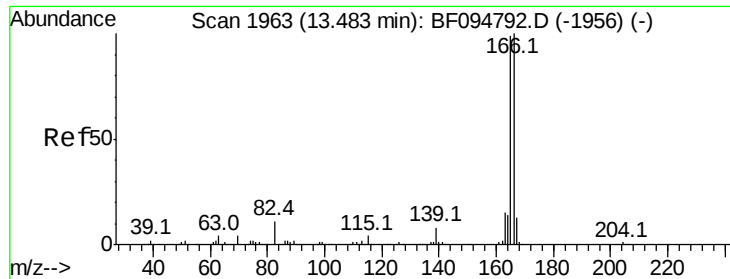
mohammad
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#56
2,4-Dinitrotoluene
Concen: 46.50 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	175466		
63	45.3	25.4	38.0	
89	62.5	46.4	69.6	
182	2.5	1.8	2.6	





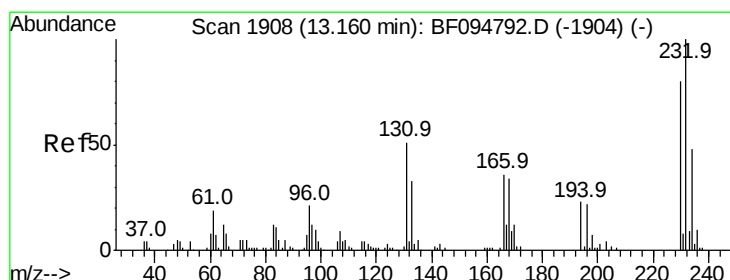
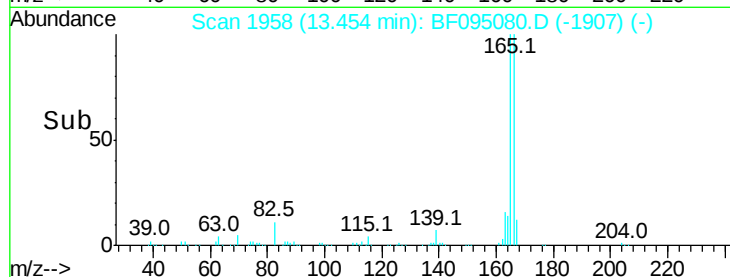
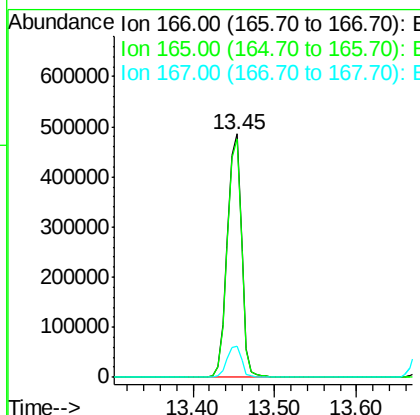
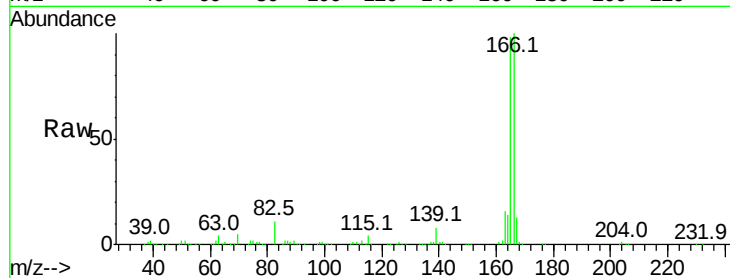
#57
Fluorene
Concen: 43.91 ng
RT: 13.45 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	589160		
165	98.0		78.8	118.2
167	12.8		10.6	16.0

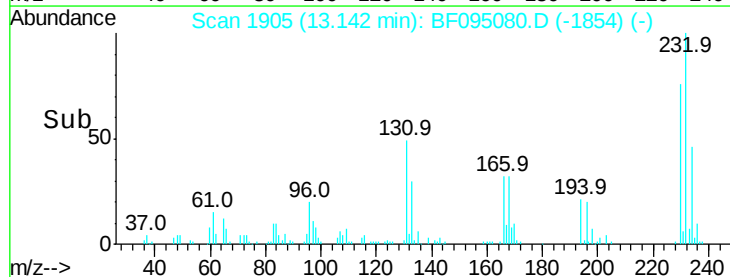
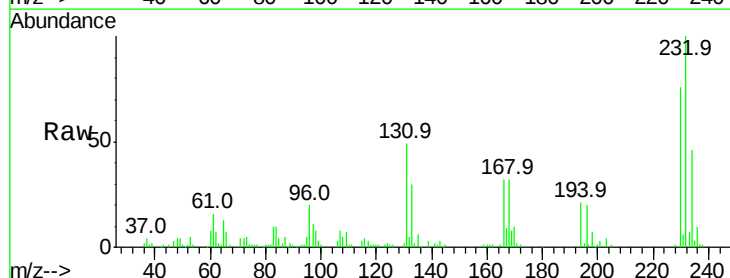
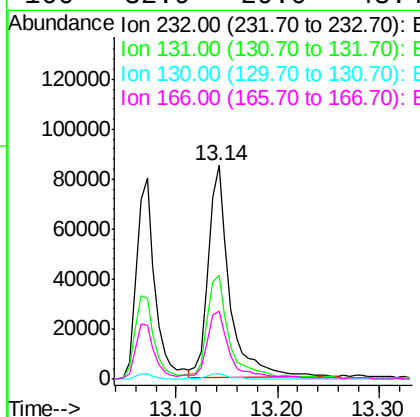
Manual Integrations
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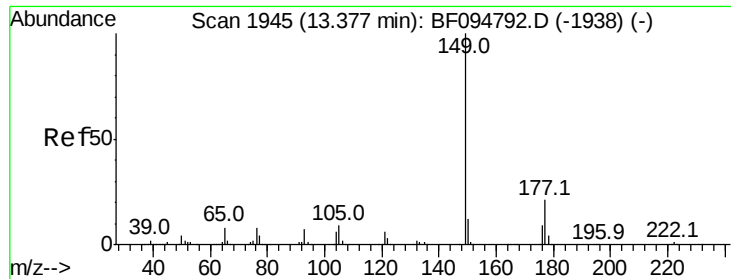
mohammad
5/12/2017 3:35:58 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 51.17 ng
RT: 13.14 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	124603		
131	49.0		44.8	67.2
130	2.4		2.3	3.5
166	32.9		29.0	43.4





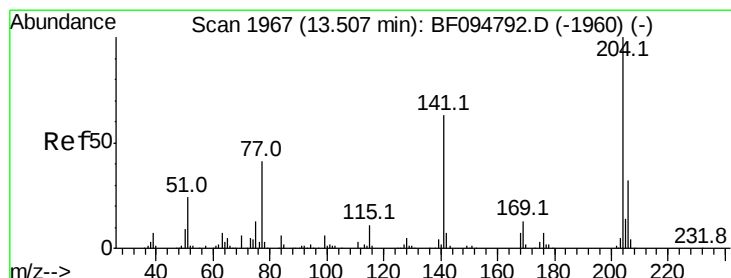
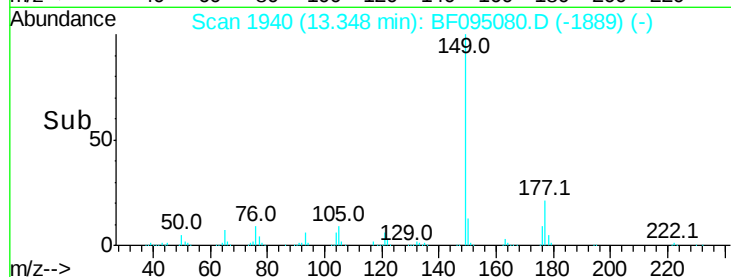
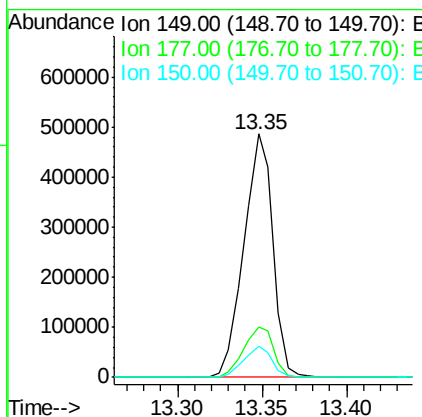
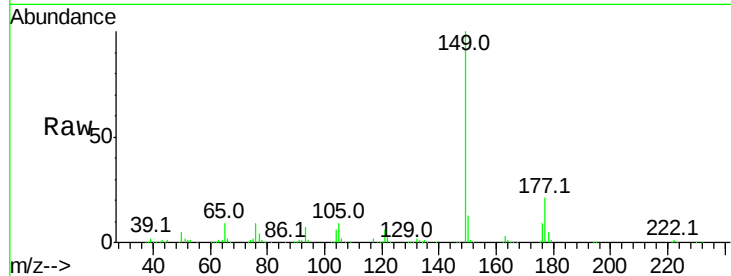
#59
Diethylphthalate
Concen: 42.16 ng
RT: 13.35 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	581695		
177	20.6	16.7	25.1	
150	12.6	10.2	15.2	

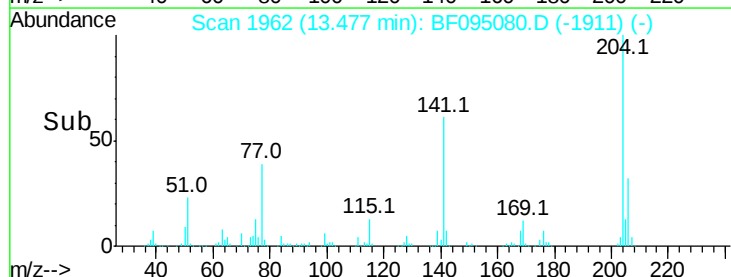
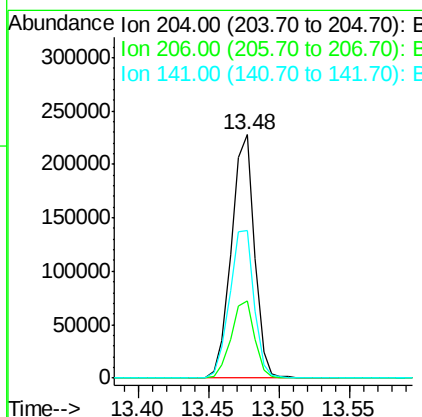
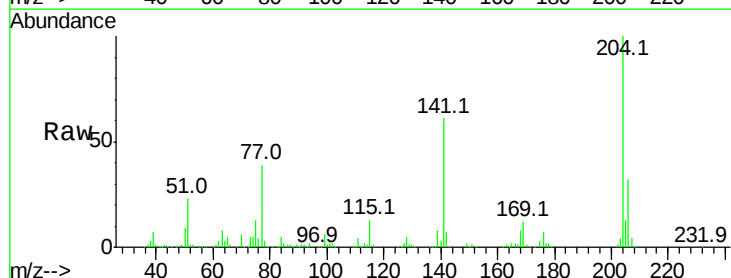
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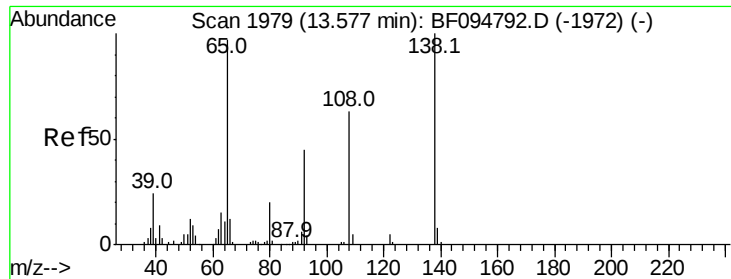
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 44.09 ng
RT: 13.48 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	260018		
206	31.7	26.2	39.2	
141	60.5	60.8	91.2#	





#61

4-Nitroaniline

Concen: 44.89 ng

RT: 13.57 min Scan# 1978

Delta R.T. 0.01 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Instrument :

BNA_F

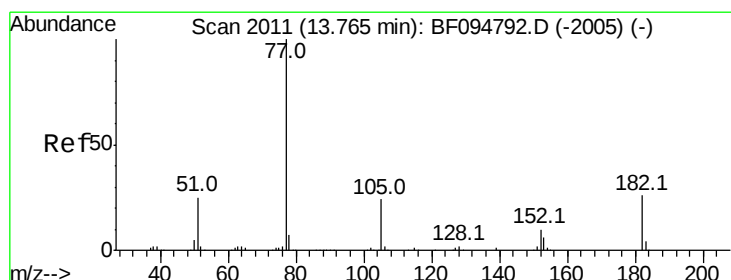
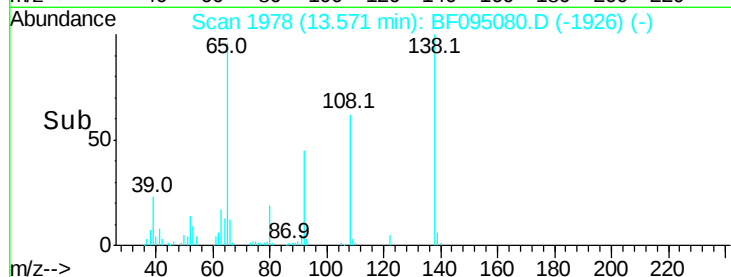
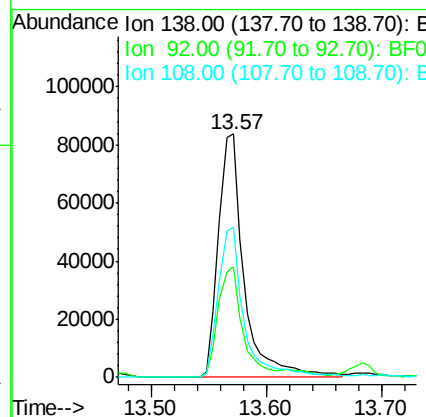
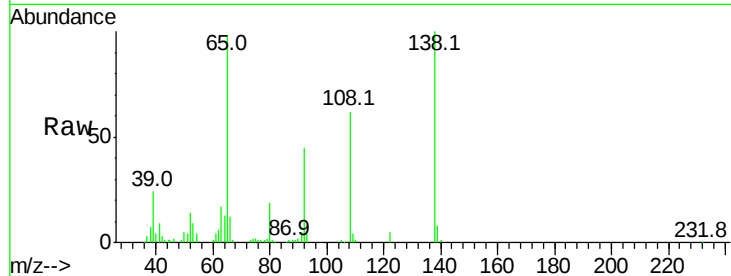
ClientSampleId :

PB98841BSD

Tot Ion:	138	Resp:	129876
Ion Ratio	Lower	Upper	
138	100		
92	45.5	21.8	61.8
108	61.8	42.3	82.3

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#62

Azobenzene

Concen: 49.23 ng

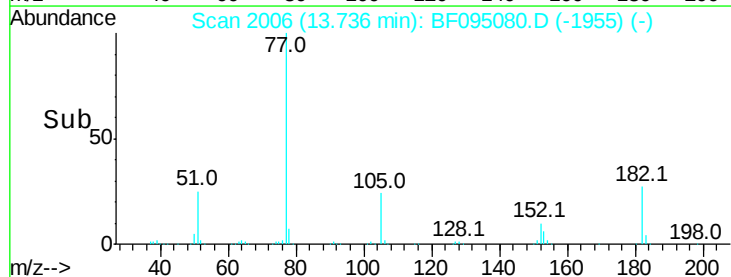
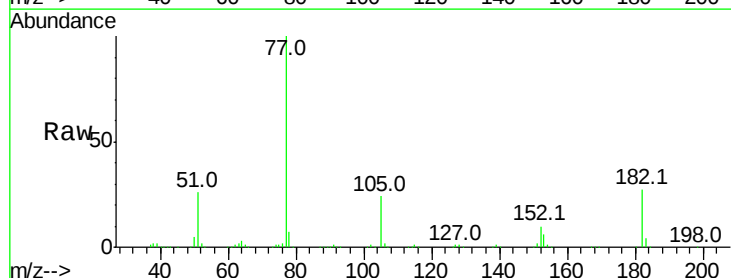
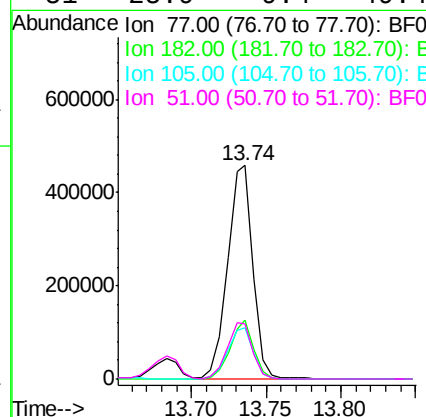
RT: 13.74 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Tgt Ion:	77	Resp:	545802
Ion Ratio	Lower	Upper	
77	100		
182	27.4	0.1	40.1
105	24.1	3.6	43.6
51	25.9	9.4	49.4





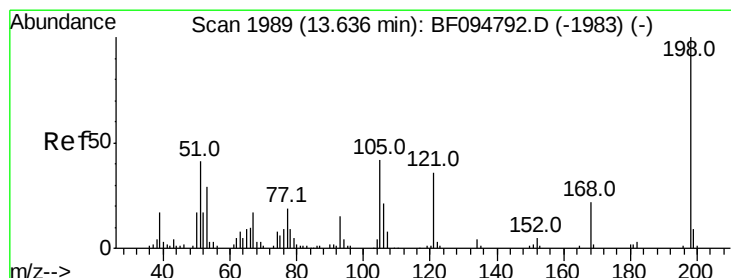
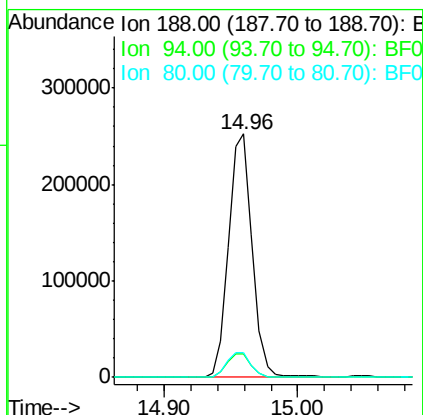
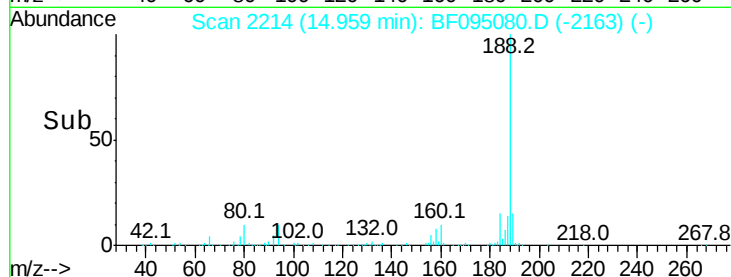
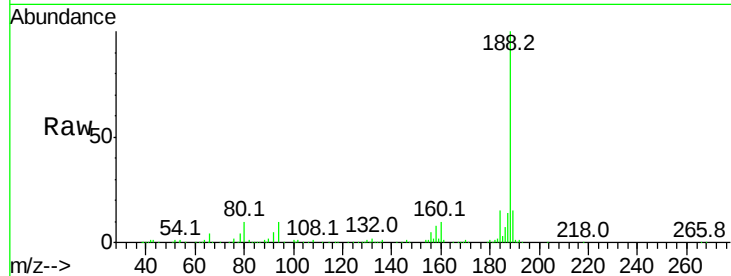
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.96 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.6	9.4	14.2	
80	10.4	10.2	15.2	

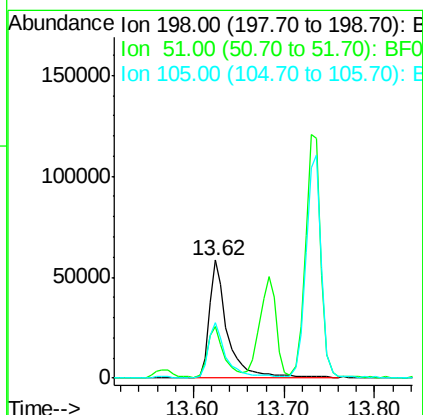
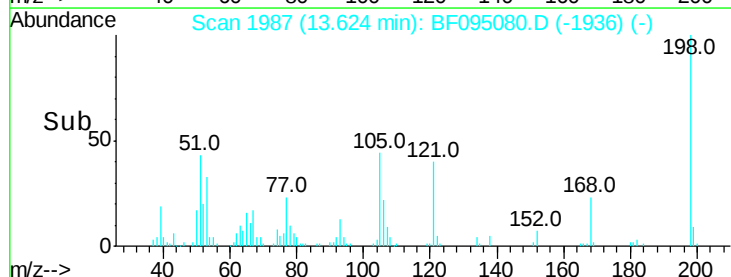
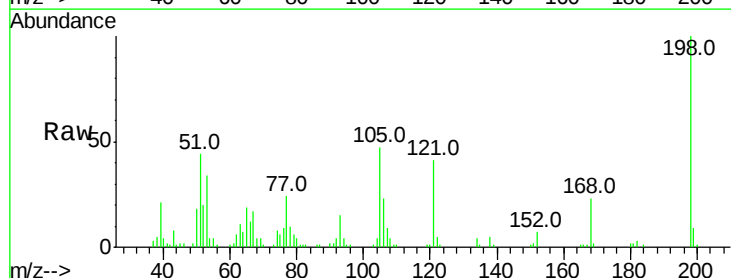
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.39 ng
RT: 13.62 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	44.1	53.2	93.2#	
105	46.6	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 43.92 ng

RT: 13.68 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Instrument :

BNA_F

ClientSampled :

PB98841BSD

Tot Ion:169 Resp: 499975

Ion Ratio Lower Upper

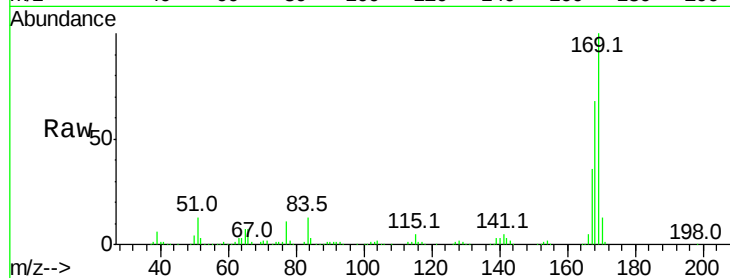
169 100

168 68.0 53.2 79.8

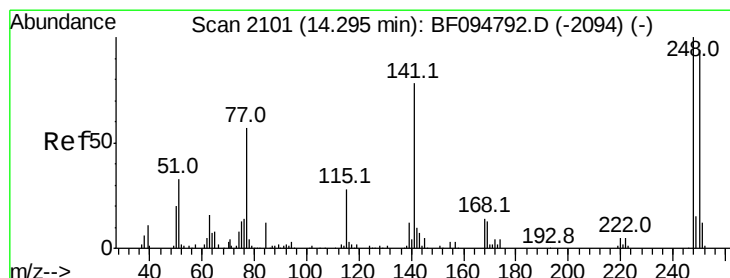
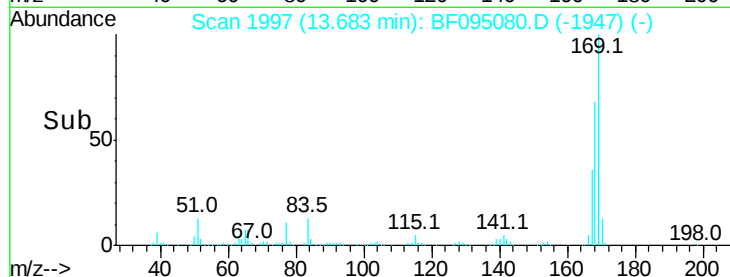
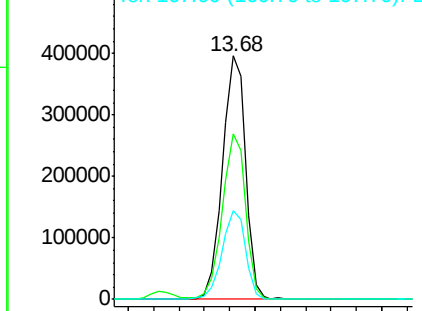
167 36.3 29.5 44.3

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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: 44.60 ng

RT: 14.26 min Scan# 2095

Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Tgt Ion:248 Resp: 147818

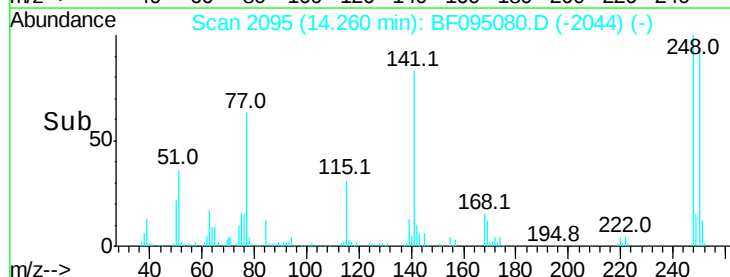
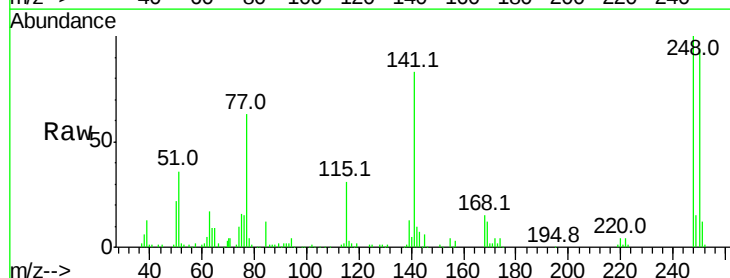
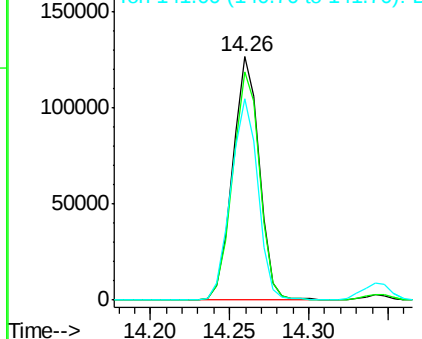
Ion Ratio Lower Upper

248 100

250 93.5 76.8 115.2

141 82.9 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





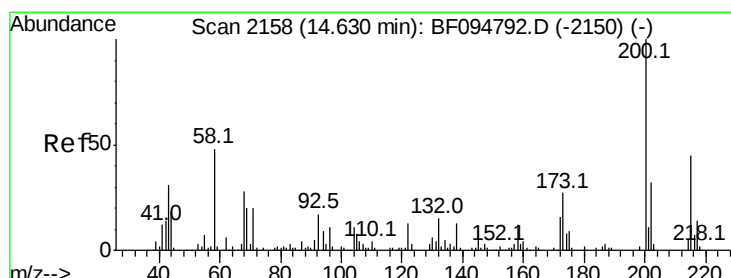
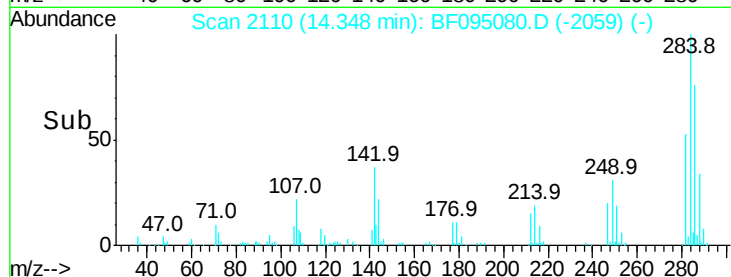
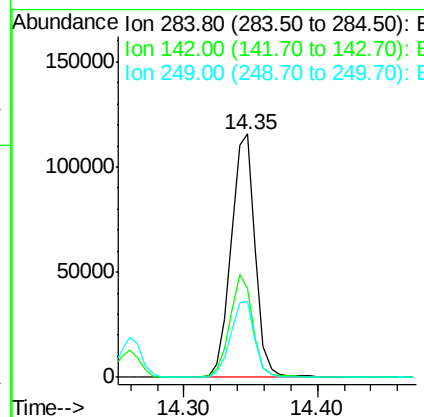
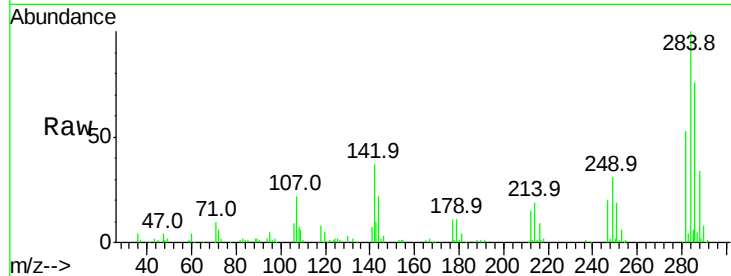
#67
Hexachlorobenzene
Concen: 43.05 ng
RT: 14.35 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.6	22.8	34.2	
249	31.4	24.0	36.0	

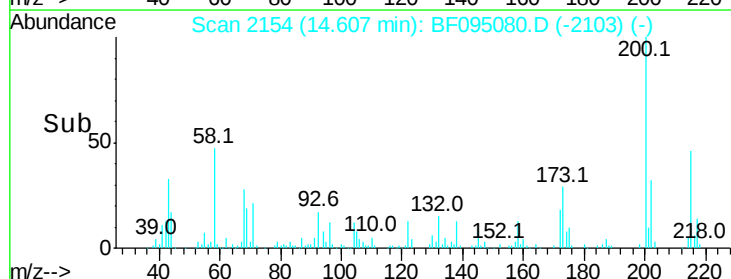
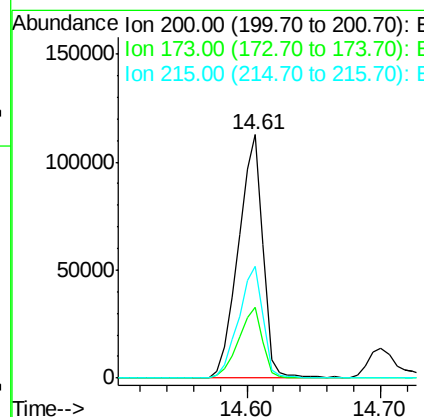
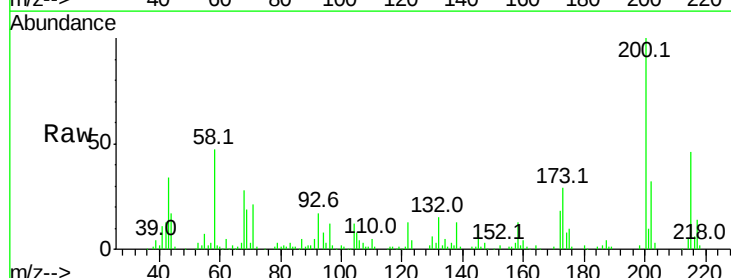
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#68
Atrazine
Concen: 45.04 ng
RT: 14.61 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.0	6.3	46.3	
215	46.0	27.2	67.2	





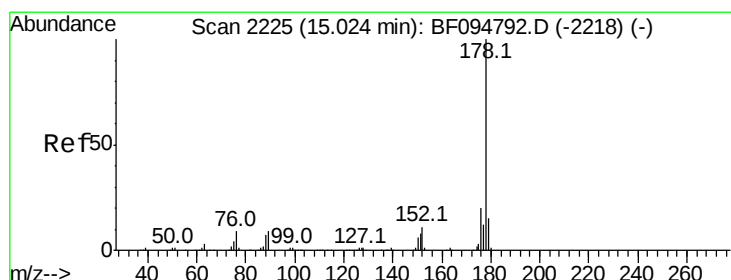
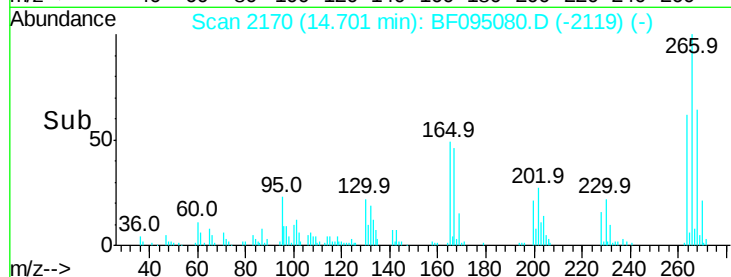
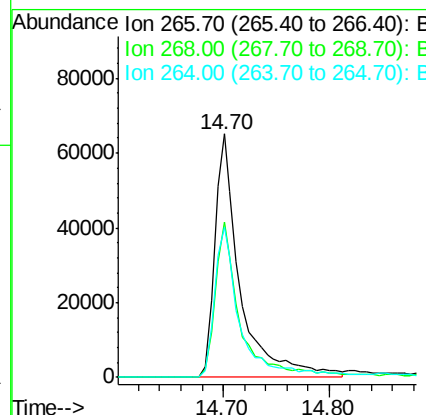
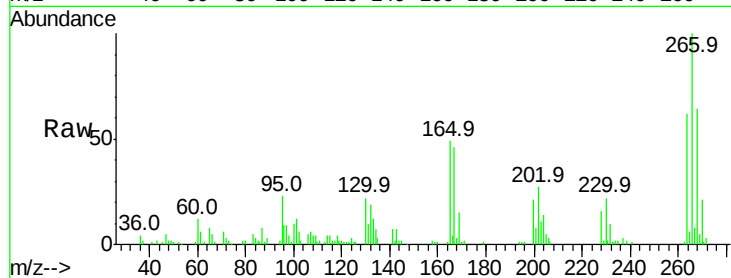
#69
 Pentachlorophenol
 Concen: 71.91 ng
 RT: 14.70 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	109444		
268	64.0		51.1	76.7
264	61.6		51.7	77.5

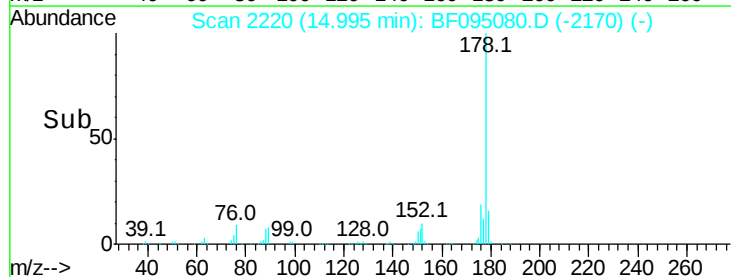
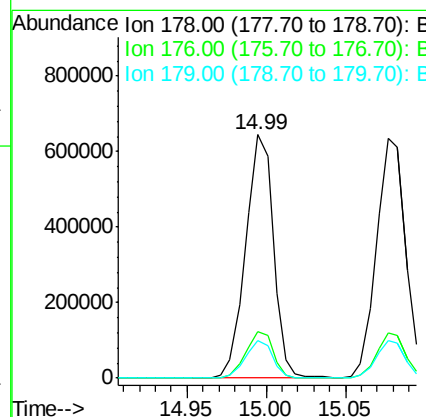
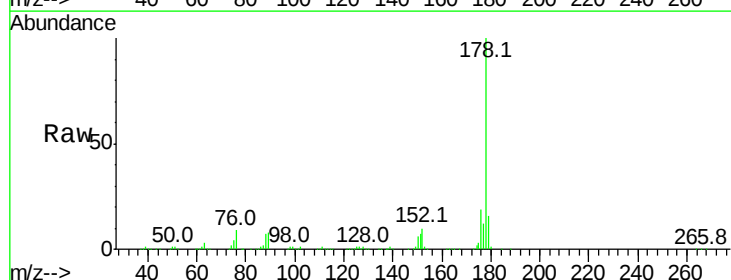
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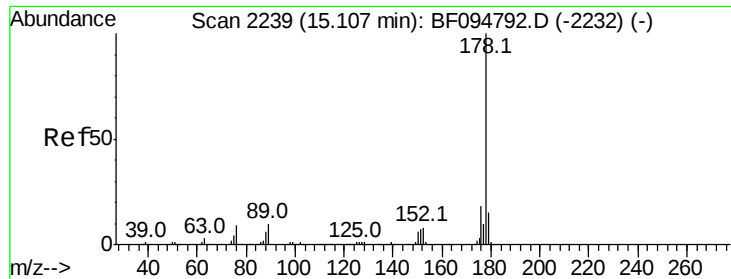
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#70
 Phenanthrene
 Concen: 43.64 ng
 RT: 14.99 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	786479		
176	19.1		16.2	24.4
179	15.7		12.6	19.0





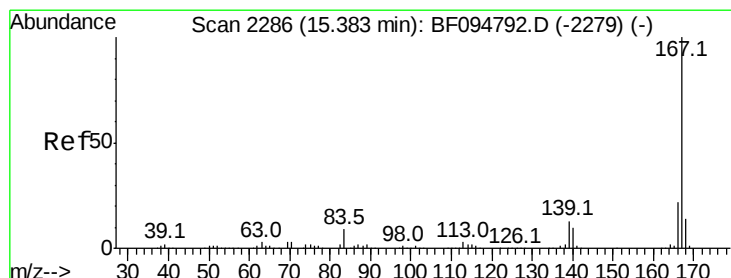
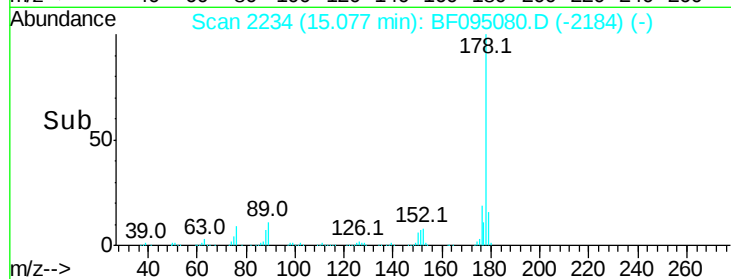
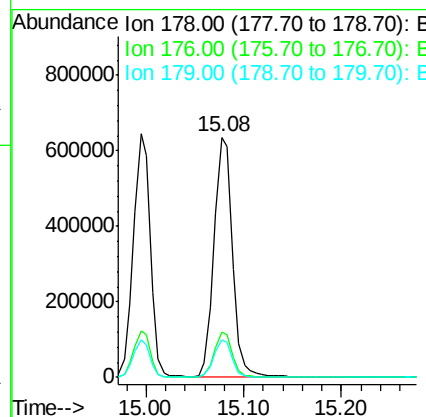
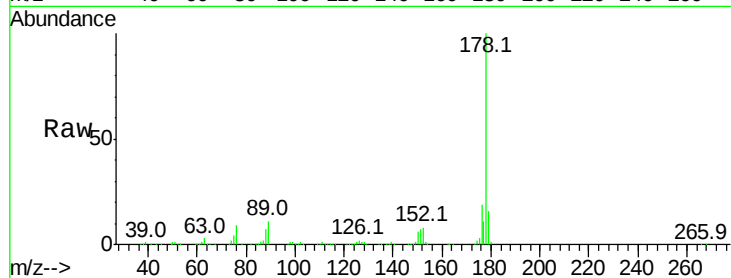
#71
 Anthracene
 Concen: 45.51 ng
 RT: 15.08 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.5	12.7	19.1

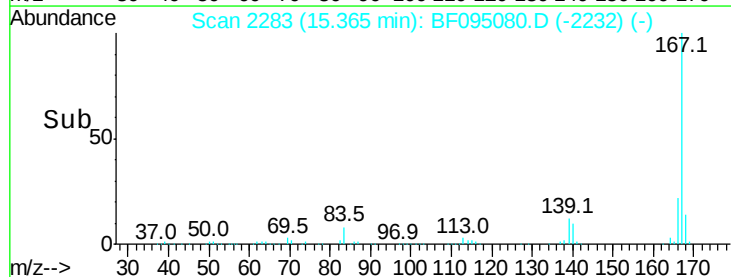
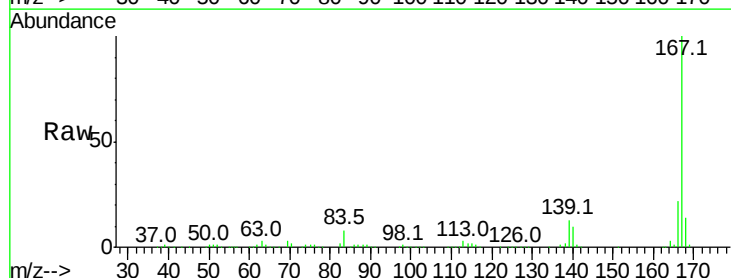
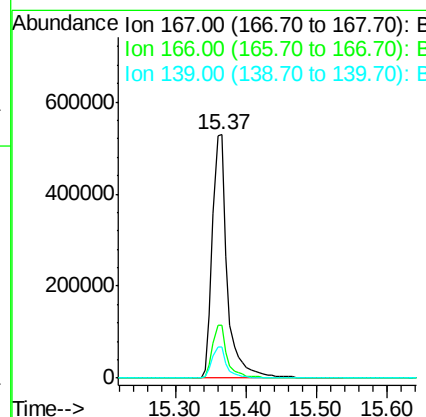
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#72
 Carbazole
 Concen: 46.74 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	12.5	11.7	17.5





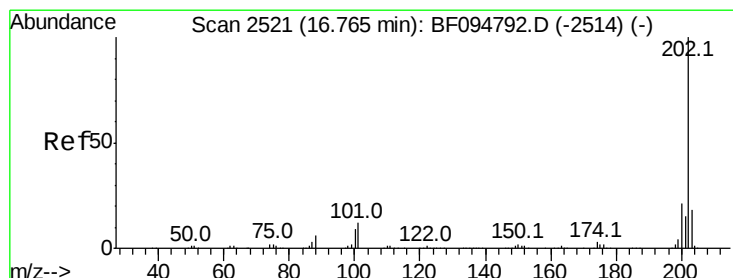
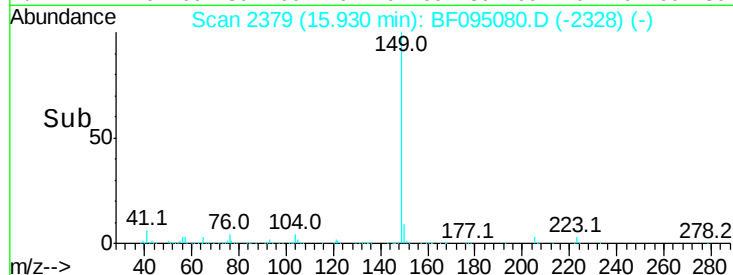
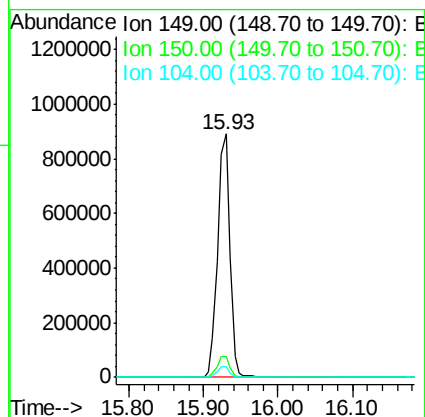
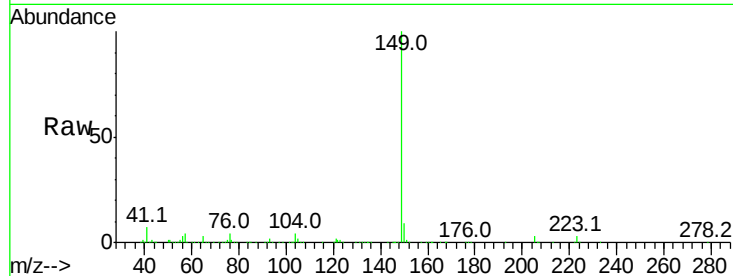
#73
Di-n-butylphthalate
Concen: 48.49 ng
RT: 15.93 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	4.3	4.0	6.0

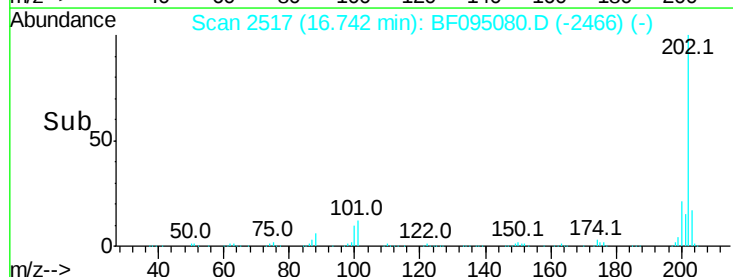
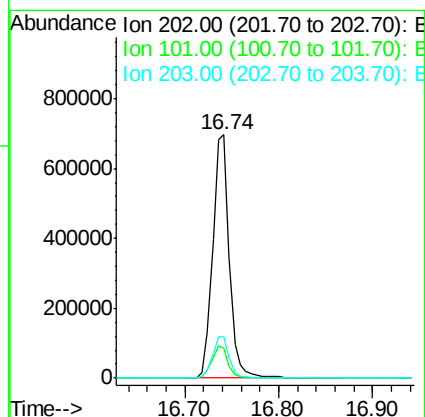
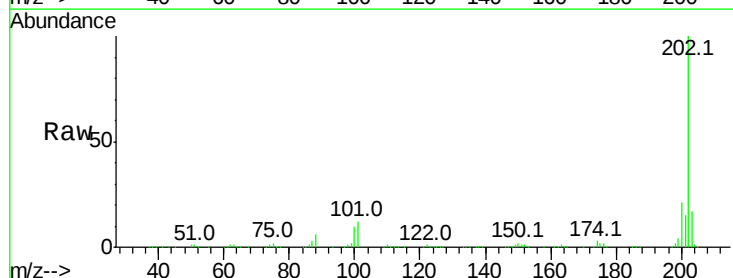
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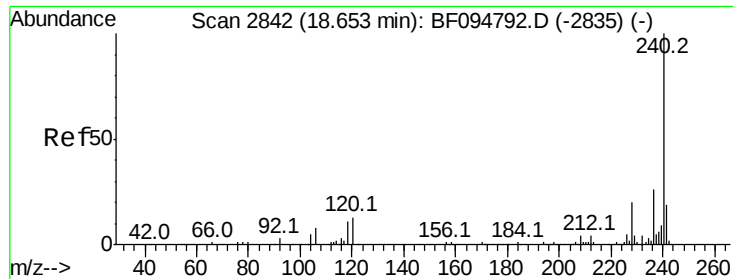
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#74
Fluoranthene
Concen: 47.38 ng
RT: 16.74 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.63 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Instrument :

BNA_F

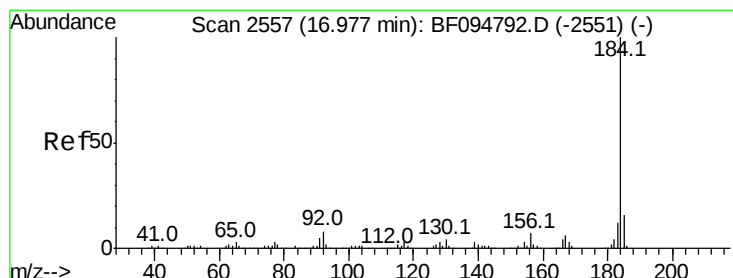
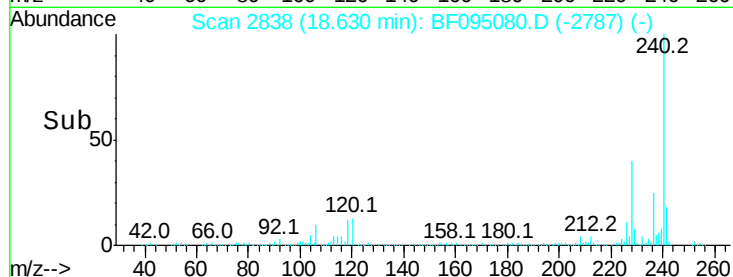
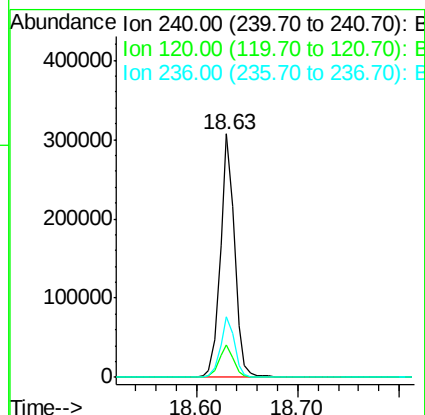
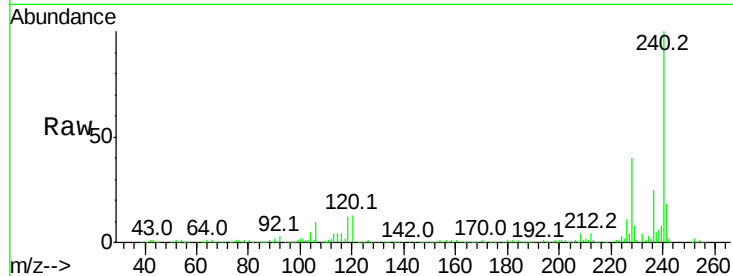
ClientSampleId :

PB98841BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	25.0	20.5	30.7

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#76

Benzidine

Concen: 29.26 ng

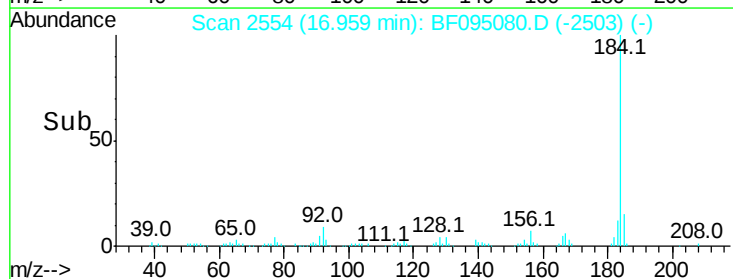
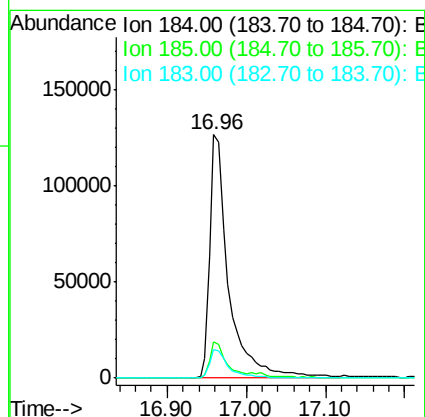
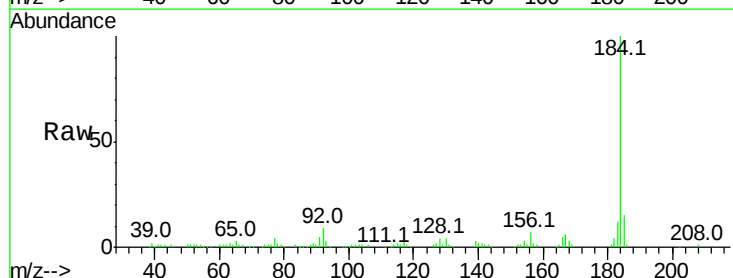
RT: 16.96 min Scan# 2554

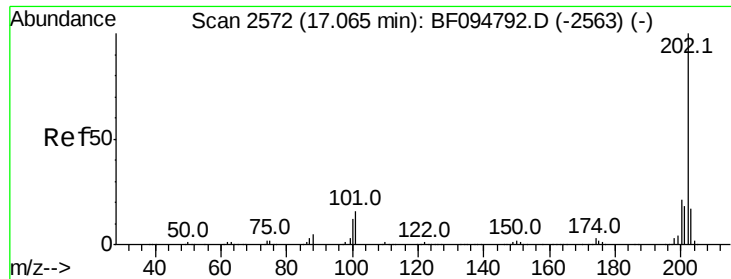
Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	15.5	23.3#
183	11.6	9.8	14.6





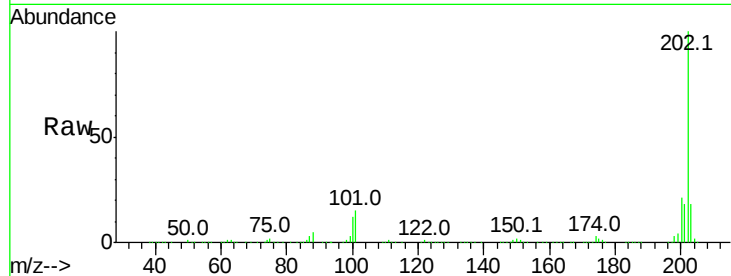
#77
Pvrene
Concen: 40.07 ng
RT: 17.04 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

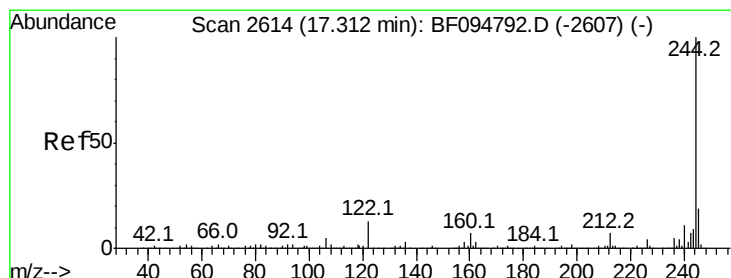
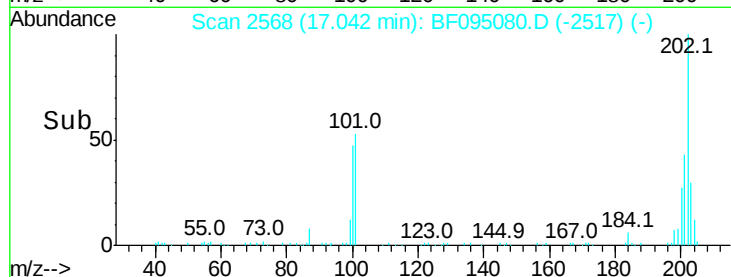
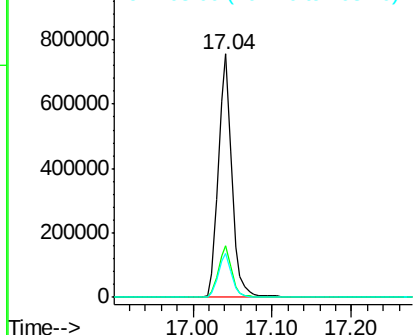
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	17.6	26.4	
203	18.0	14.4	21.6	

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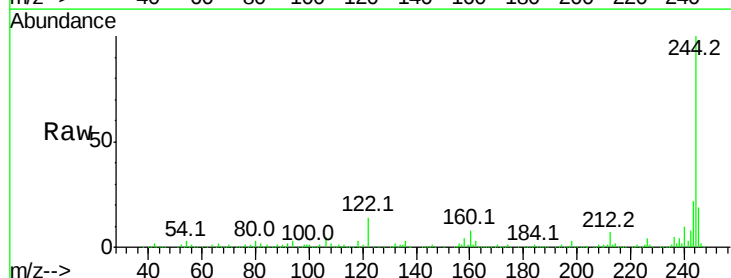


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

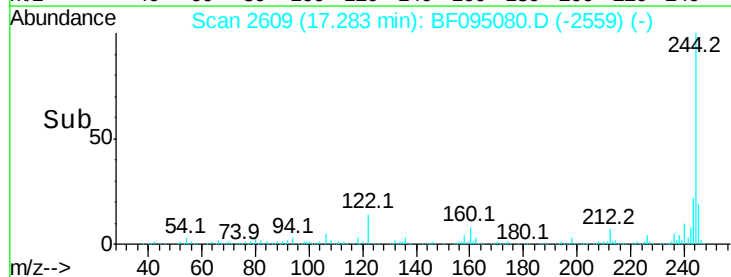
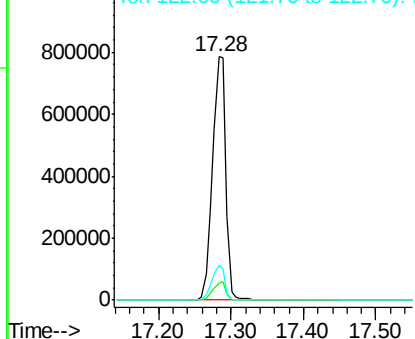


#78
Terphenyl-d14
Concen: 74.53 ng
RT: 17.28 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.1	6.0	9.0	
122	14.2	10.3	15.5	



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





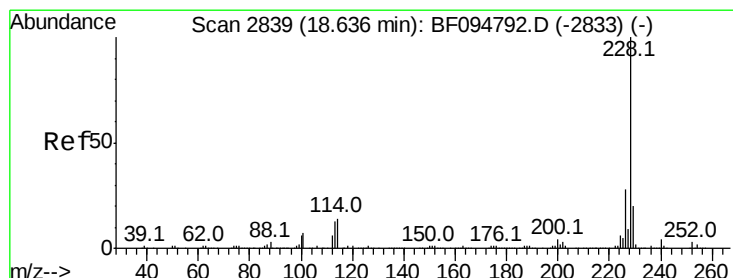
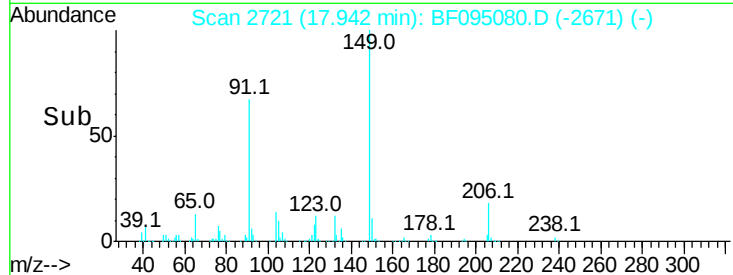
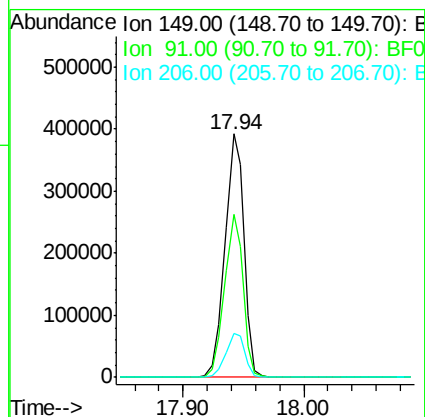
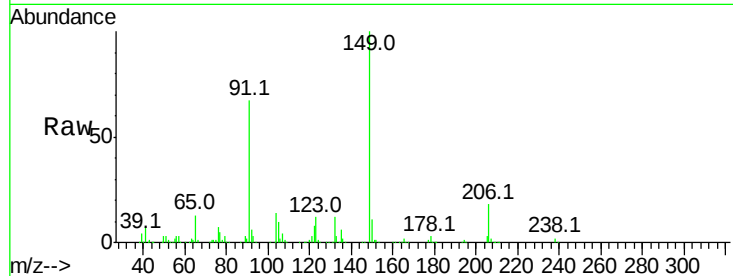
#79
Butylbenzylphthalate
Concen: 41.11 ng
RT: 17.94 min Scan# 2721
Delta R.T. -0.01 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleID :
PB98841BSD

Tot Ion:	149	Resp:	425873
Ion Ratio	Lower	Upper	
149	100		
91	67.2	45.0	67.4
206	18.0	17.0	25.6

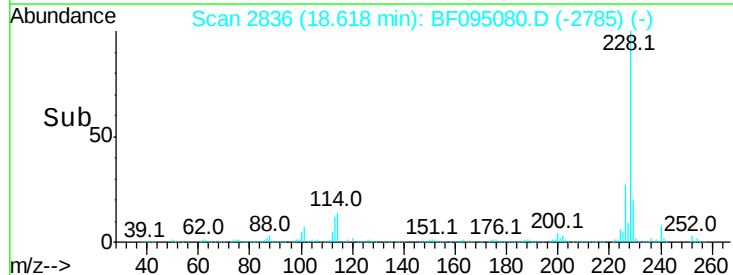
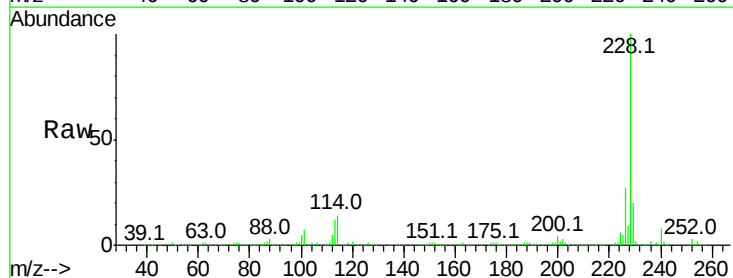
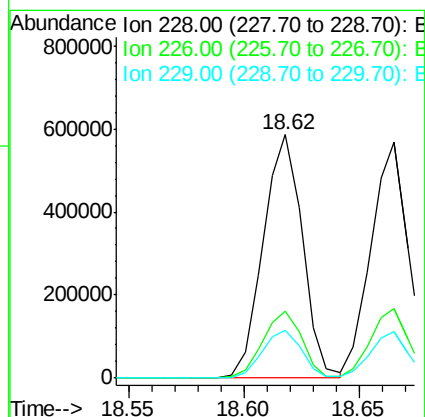
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#80
Benzo(a)anthracene
Concen: 40.02 ng
RT: 18.62 min Scan# 2836
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion:	228	Resp:	693692
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	19.8	16.3	24.5





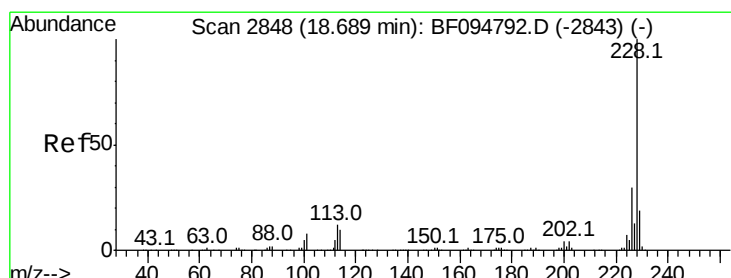
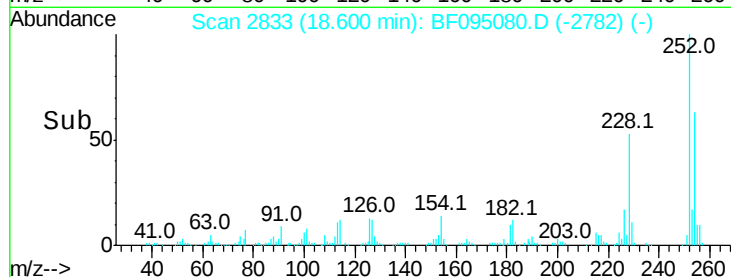
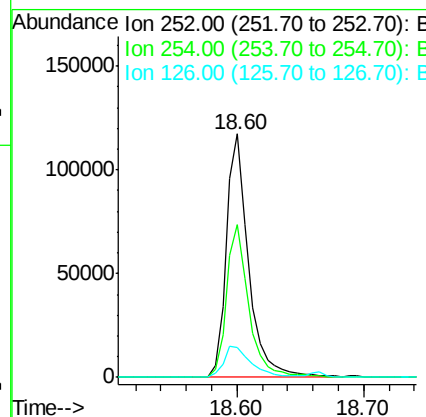
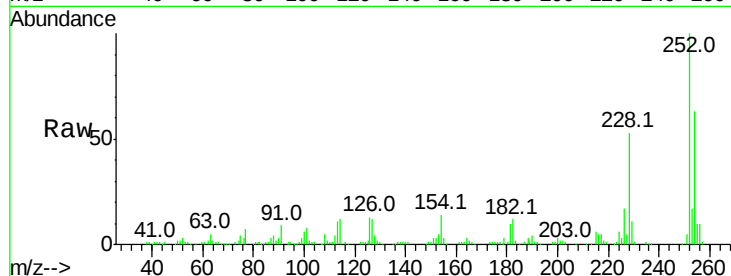
#81
 3,3'-Dichlorobenzidine
 Concen: 23.92 ng
 RT: 18.60 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	143213		
254	62.6	51.5	77.3	
126	12.5	15.8	23.8	

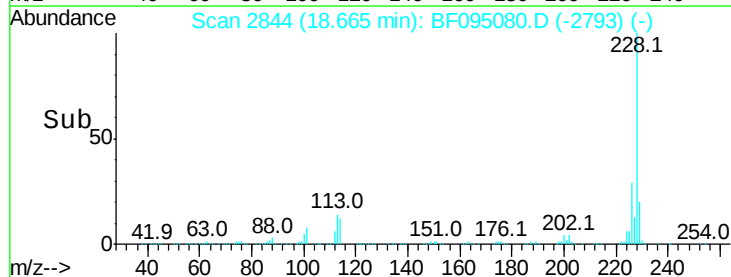
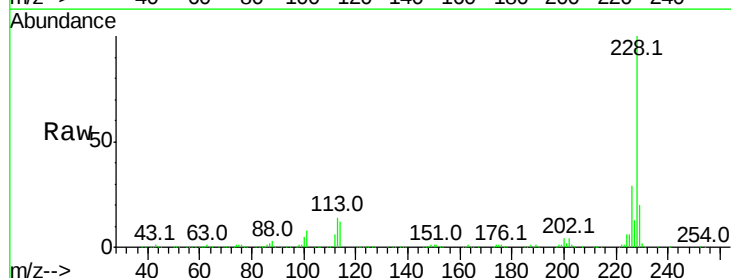
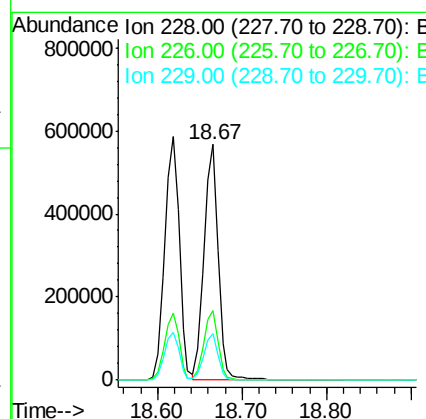
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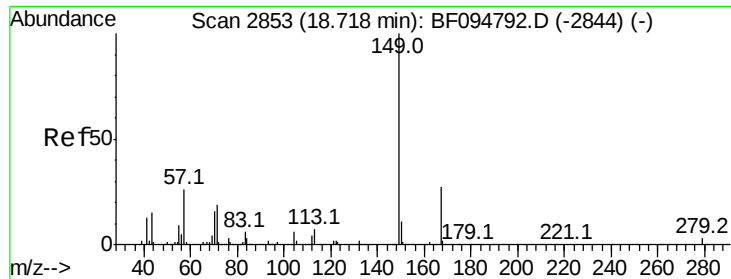
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#82
 Chrysene
 Concen: 38.96 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	653039		
226	29.3	24.9	37.3	
229	19.9	15.8	23.6	





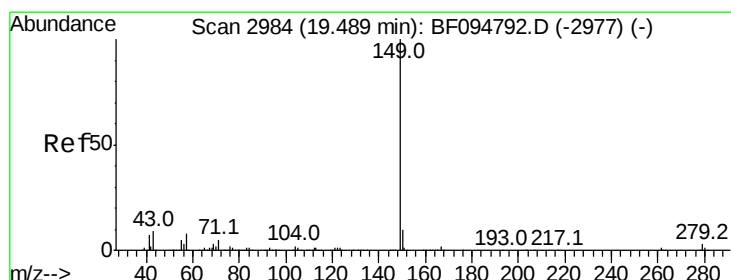
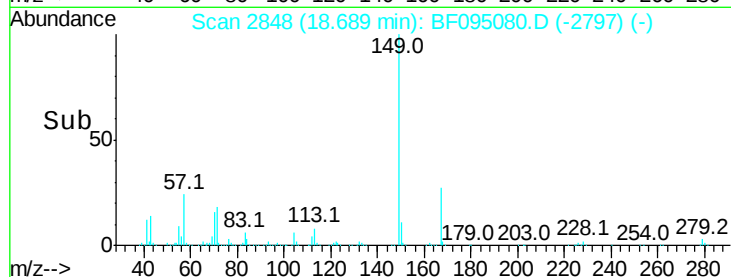
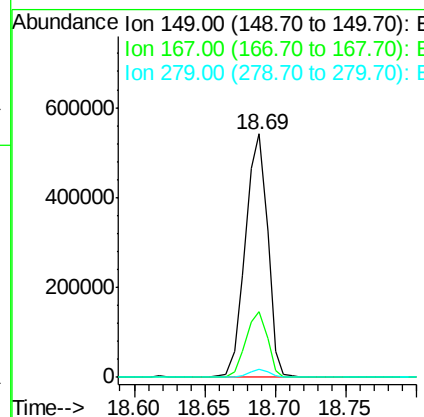
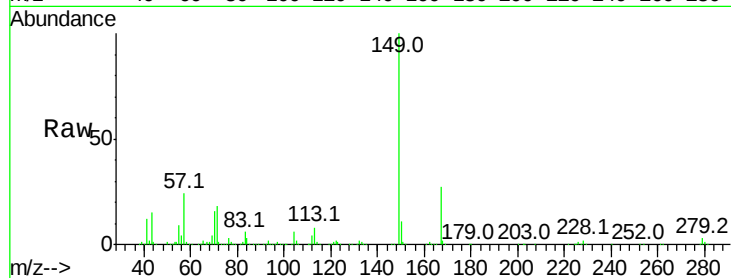
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.71 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.0	21.0	31.4	
279	3.4	1.9	2.9	

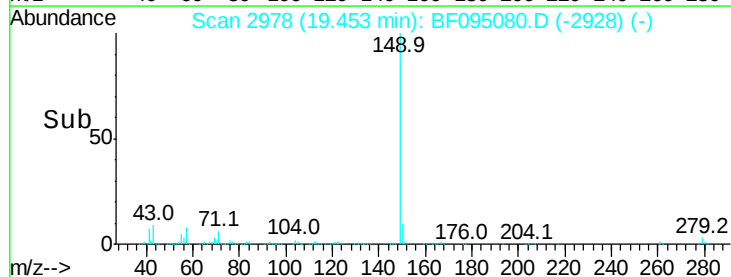
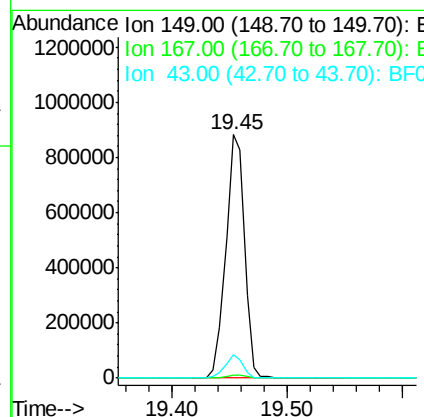
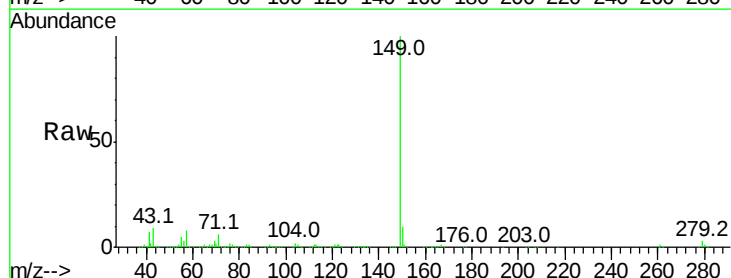
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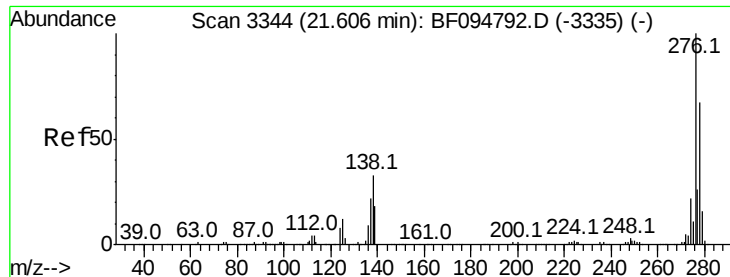
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#84
 Di-n-octyl phthalate
 Concen: 40.87 ng
 RT: 19.45 min Scan# 2978
 Delta R.T. -0.01 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

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





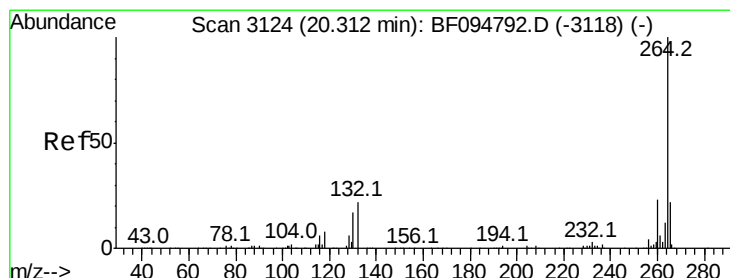
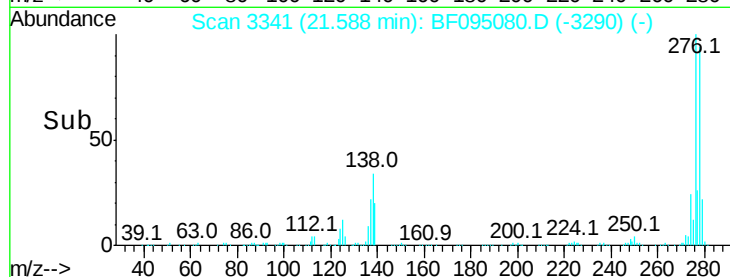
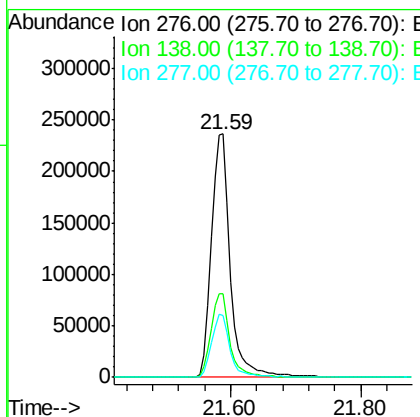
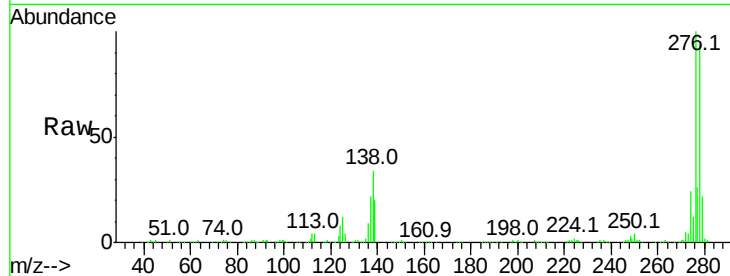
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.99 ng
RT: 21.59 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.1	20.2	30.4

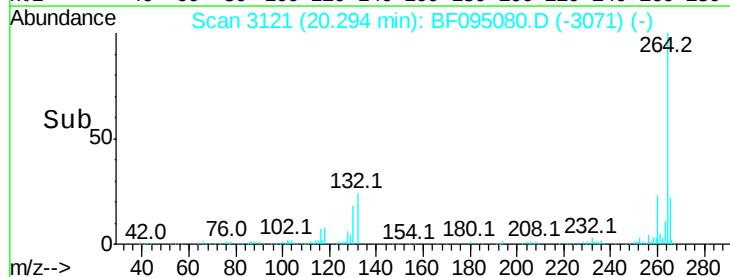
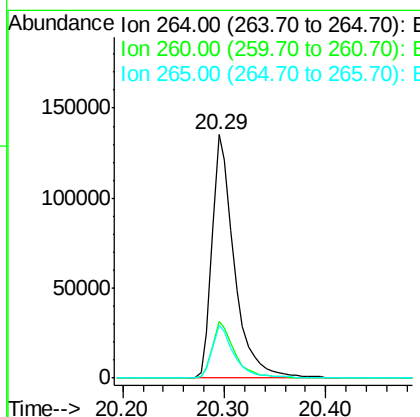
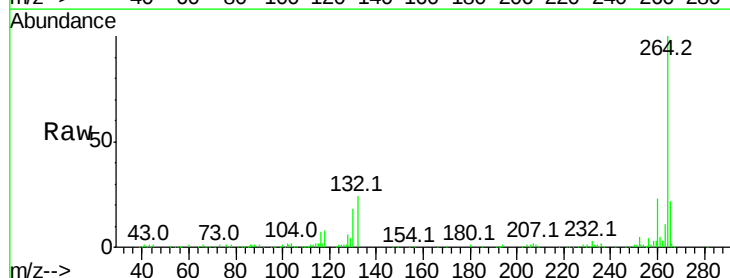
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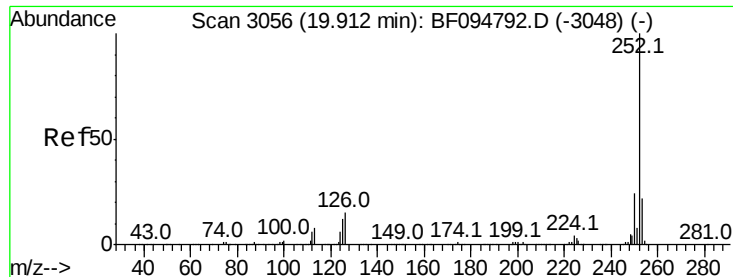
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.35 ng

RT: 19.89 min Scan# 3052

Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Instrument :

BNA_F

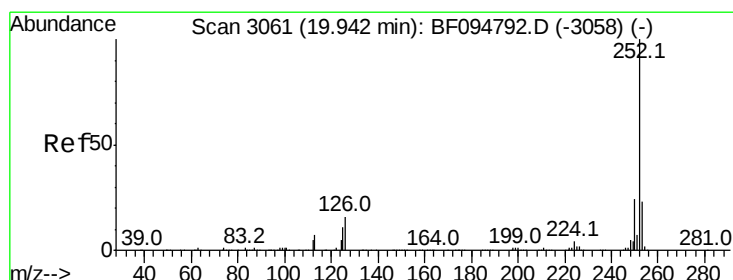
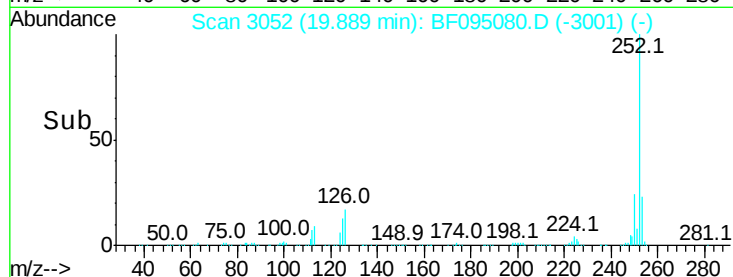
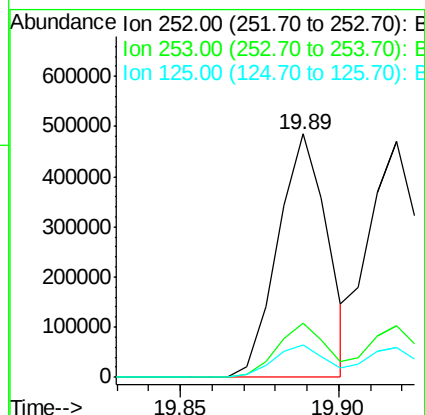
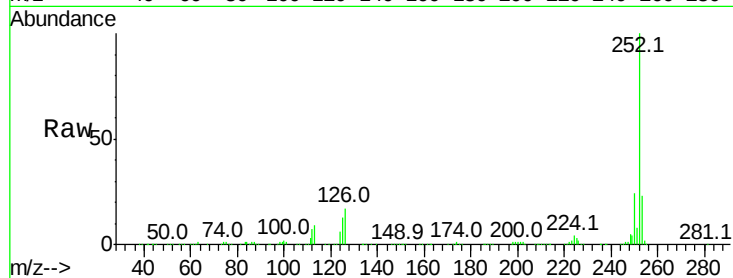
ClientSampleId :

PB98841BSD

Tot Ion:	252	Resp:	528753
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	13.1	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 45.84 ng

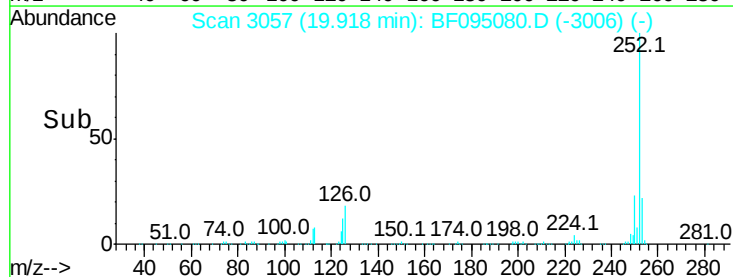
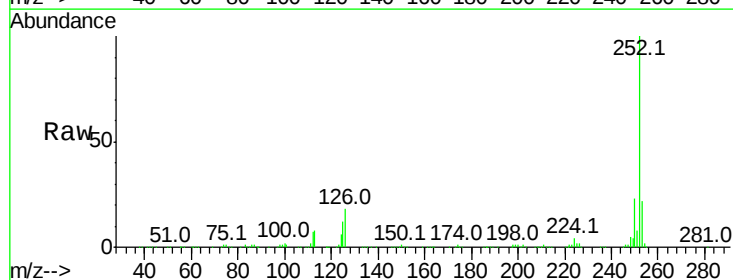
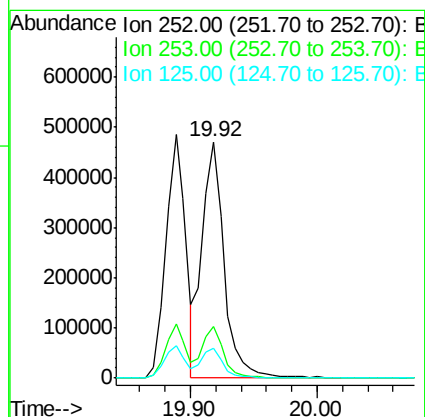
RT: 19.92 min Scan# 3057

Delta R.T. 0.00 min

Lab File: BF095080.D

Acq: 11 May 2017 15:16

Tgt Ion:	252	Resp:	565430
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.4	27.6
125	12.4	13.1	19.7#





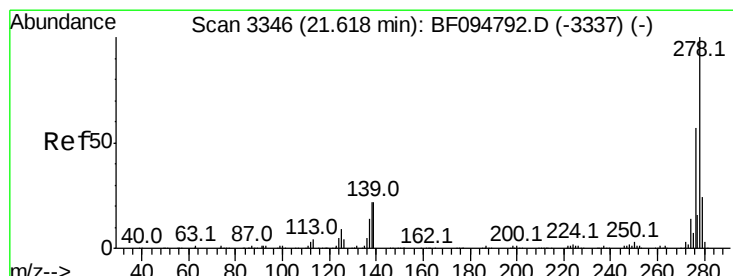
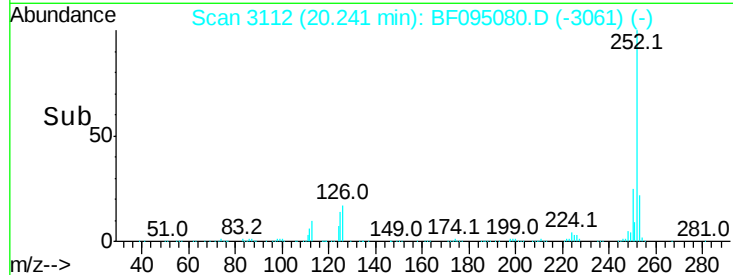
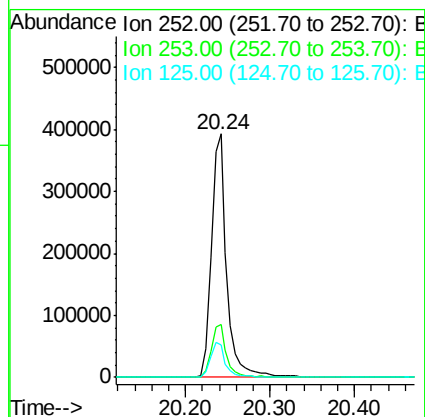
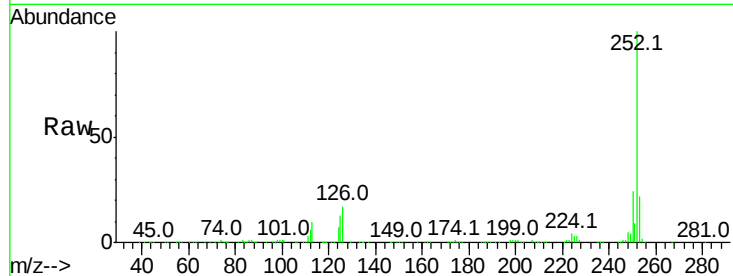
#89
Benzo(a)pyrene
Concen: 42.18 ng
RT: 20.24 min Scan# 3112
Delta R.T. 0.00 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Instrument :
BNA_F
ClientSampleId :
PB98841BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	13.4	11.0	16.4

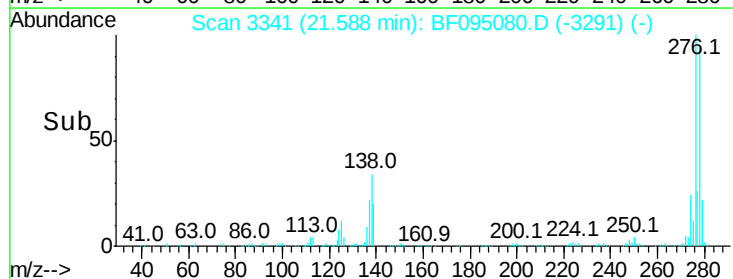
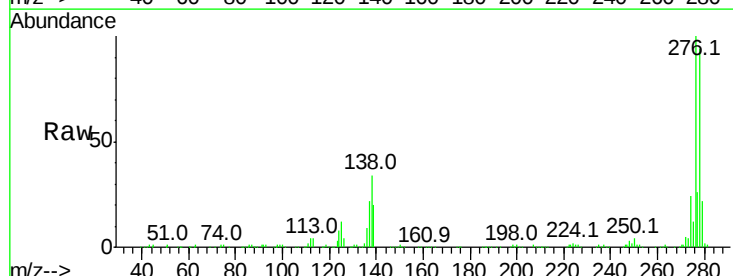
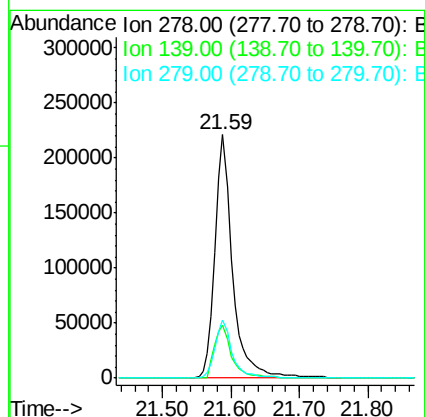
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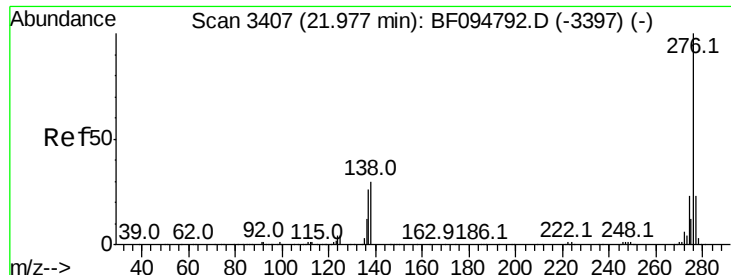
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#90
Dibenzo(a,h)anthracene
Concen: 40.51 ng
RT: 21.59 min Scan# 3341
Delta R.T. -0.01 min
Lab File: BF095080.D
Acq: 11 May 2017 15:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	23.7	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 40.80 ng
 RT: 21.96 min Scan# 3404
 Delta R.T. 0.00 min
 Lab File: BF095080.D
 Acq: 11 May 2017 15:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98841BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	29.1	25.4	38.0

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