

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095008.D
 Acq On : 9 May 2017 6:46
 Operator : SJ/MA
 Sample : PB98739BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98739BS

Manual Integrations
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mohammad
 5/9/2017 5:03:07 PM

Quant Time: May 09 07:49:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	100559	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	372767	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	170978	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	277228	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	206562	20.00	ng	-0.02
86) Perylene-d12	20.30	264	141576	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	746023	123.69	ng	0.00
7) Phenol-d6	7.27	99	899449	124.29	ng	-0.01
23) Nitrobenzene-d5	8.62	82	475987	80.52	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	169094	120.76	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1032058	86.88	ng	-0.02
78) Terphenyl-d14	17.29	244	732646	78.12	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.14	88	88369	29.87	ng	97
3) Pyridine	2.81	79	224289	32.72	ng	98
4) n-Nitrosodimethylamine	2.74	42	105408	36.89	ng	82
6) Aniline	7.22	93	226970	24.84	ng	95
8) 2-Chlorophenol	7.41	128	280429	40.85	ng	95
9) Benzaldehyde	7.05	77	36278	8.21	ng	99
10) Phenol	7.28	94	318752	41.80	ng	86
11) bis(2-Chloroethyl)ether	7.35	93	248149	39.42	ng	95
12) 1,3-Dichlorobenzene	7.62	146	304480	39.10	ng	98
13) 1,4-Dichlorobenzene	7.74	146	306297	38.78	ng	97
14) 1,2-Dichlorobenzene	7.98	146	261033	35.41	ng	96
15) Benzyl Alcohol	8.00	79	189763	40.77	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	292213	32.79	ng	50
17) 2-Methylphenol	8.21	107	204211	36.35	ng	# 90
18) Hexachloroethane	8.50	117	85354	31.90	ng	# 85
19) n-Nitroso-di-n-propylamine	8.42	70	175047	35.76	ng	93
20) 3+4-Methylphenols	8.47	107	278605	36.49	ng	# 59
22) Acetophenone	8.39	105	353951	39.58	ng	# 84
24) Nitrobenzene	8.65	77	248093	40.04	ng	94
25) Isophorone	9.04	82	444510	42.11	ng	95
26) 2-Nitrophenol	9.15	139	137744	41.20	ng	98
27) 2,4-Dimethylphenol	9.29	122	228461	42.26	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	291515	39.92	ng	99
29) 2,4-Dichlorophenol	9.57	162	221911	43.48	ng	98
30) 1,2,4-Trichlorobenzene	9.66	180	222652	40.72	ng	99
31) Naphthalene	9.77	128	749463	40.00	ng	100
32) Benzoic acid	9.60	122	120648	35.48	ng	90
33) 4-Chloroaniline	9.92	127	71037	10.17	ng	# 92
34) Hexachlorobutadiene	9.99	225	113340	39.28	ng	99
35) Caprolactam	10.52	113	70575m	46.05	ng	
36) 4-Chloro-3-methylphenol	10.77	107	232029	42.52	ng	91
37) 2-Methylnaphthalene	10.90	142	533386	43.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	213168	40.54	ng	98
40) Hexachlorocyclopentadiene	11.15	237	66795	33.99	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	155968	44.43	nq	96
43) 2,4,5-Trichlorophenol	11.48	196	156884	41.58	nq #	92
45) 1,1'-Biphenyl	11.66	154	615600	42.76	nq	98
46) 2-Chloronaphthalene	11.68	162	485144	41.74	nq	96
47) 2-Nitroaniline	11.89	65	138530	43.54	nq #	79
48) Acenaphthylene	12.34	152	751286	41.27	nq	98
49) Dimethylphthalate	12.21	163	586752	41.80	nq	99
50) 2,6-Dinitrotoluene	12.30	165	120304	42.01	nq	92
51) Acenaphthene	12.62	154	461281	42.42	nq	99
52) 3-Nitroaniline	12.57	138	63473	20.65	nq	88
53) 2,4-Dinitrophenol	12.77	184	45604	32.90	nq #	72
54) Dibenzofuran	12.91	168	647568	43.03	nq	97
55) 4-Nitrophenol	12.95	139	144881	78.48	nq #	72
56) 2,4-Dinitrotoluene	12.96	165	150345	40.86	nq #	84
57) Fluorene	13.46	166	525251	40.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	111997	47.16	nq #	92
59) Diethylphthalate	13.36	149	526622	39.14	nq	98
60) 4-Chlorophenyl-phenylether	13.48	204	234972	40.86	nq	91
61) 4-Nitroaniline	13.57	138	102792	36.43	nq	97
62) Azobenzene	13.74	77	501794	46.42	nq	94
64) 4,6-Dinitro-2-methylphenol	13.63	198	37132	19.98	nq #	71
65) n-Nitrosodiphenylamine	13.69	169	469861	46.70	nq	99
66) 4-Bromophenyl-phenylether	14.27	248	129017	44.05	nq	96
67) Hexachlorobenzene	14.35	284	115497	38.48	nq #	88
68) Atrazine	14.61	200	125983	44.35	nq	98
69) Pentachlorophenol	14.71	266	99522	73.82	nq	95
70) Phenanthrene	15.00	178	684244	42.96	nq	97
71) Anthracene	15.09	178	700704	43.07	nq	97
72) Carbazole	15.37	167	647423	43.73	nq	97
73) Di-n-butylphthalate	15.94	149	809544	43.85	nq	99
74) Fluoranthene	16.75	202	621564	38.04	nq	98
76) Benzidine	16.97	184	348076	60.34	nq #	93
77) Pyrene	17.05	202	626522	40.56	nq	99
79) Butylbenzylphthalate	17.95	149	307836	42.84	nq #	87
80) Benzo(a)anthracene	18.62	228	507844	42.24	nq	97
81) 3,3'-Dichlorobenzidine	18.60	252	163760	39.44	nq #	95
82) Chrysene	18.67	228	481954	41.46	nq	99
83) Bis(2-ethylhexyl)phthalate	18.69	149	443958	43.36	nq #	99
84) Di-n-octyl phthalate	19.47	149	677170	40.34	nq	97
85) Indeno(1,2,3-cd)pyrene	21.59	276	366228	38.80	nq	99
87) Benzo(b)fluoranthene	19.89	252	439557	50.25	nq	99
88) Benzo(k)fluoranthene	19.92	252	447889	53.08	nq #	94
89) Benzo(a)pyrene	20.24	252	364158	45.11	nq	98
90) Dibenzo(a,h)anthracene	21.59	278	308333	46.25	nq	98
91) Benzo(g,h,i)perylene	21.96	276	307739	47.04	nq	98

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

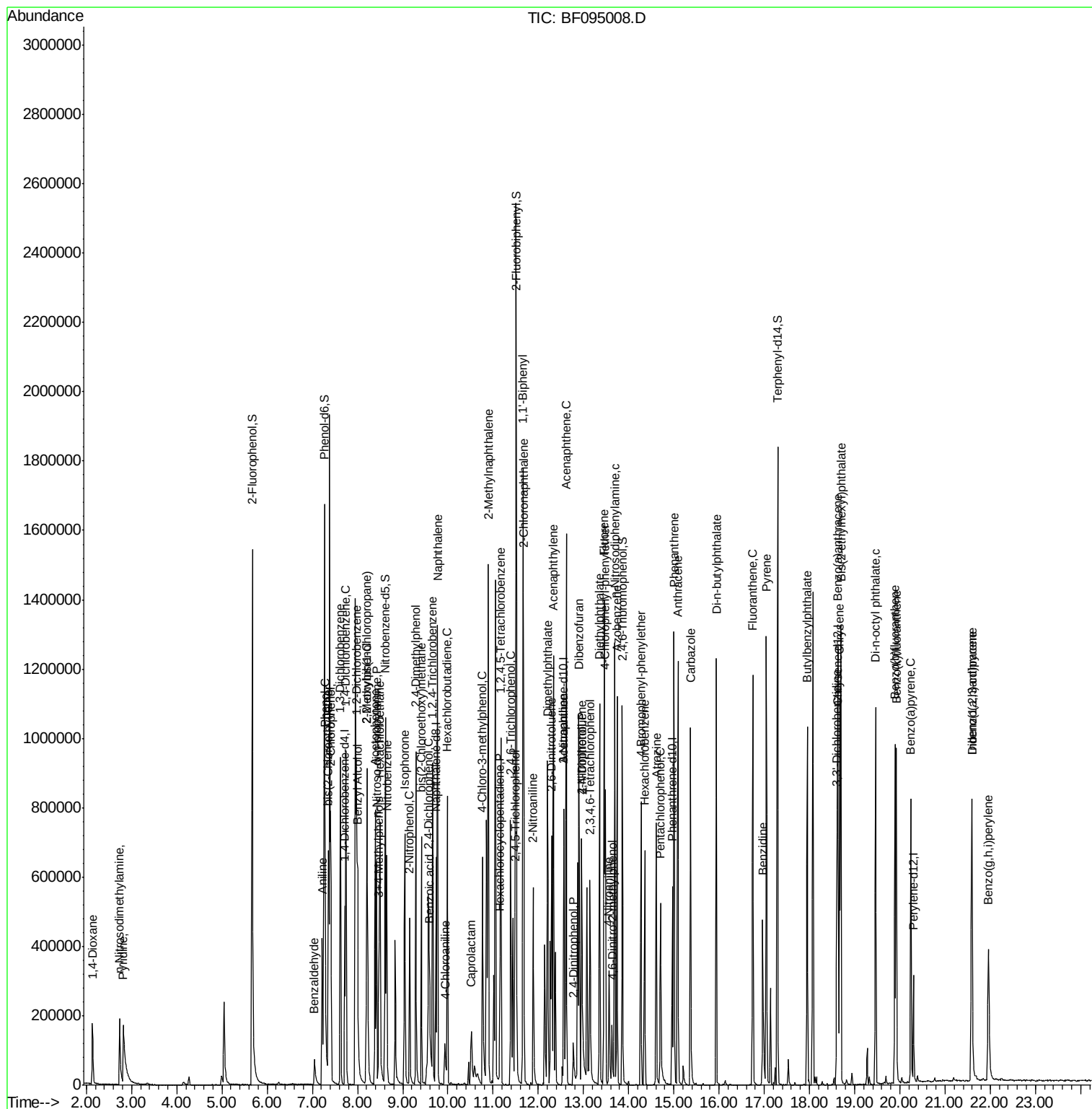
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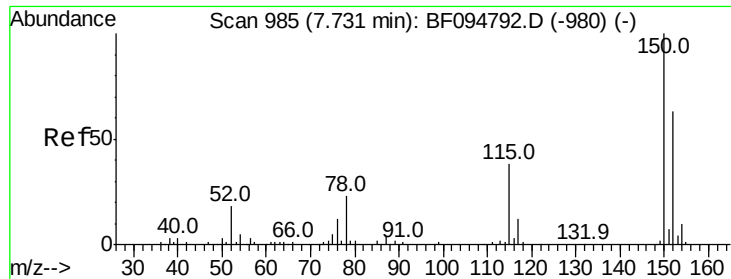
Instrument :
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#1

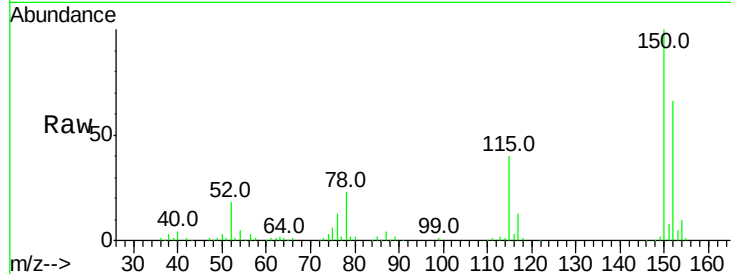
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :
PB98739BS

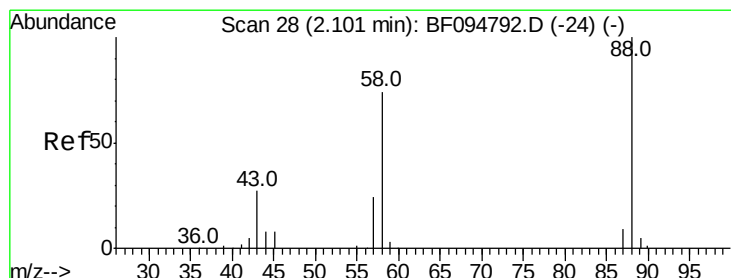
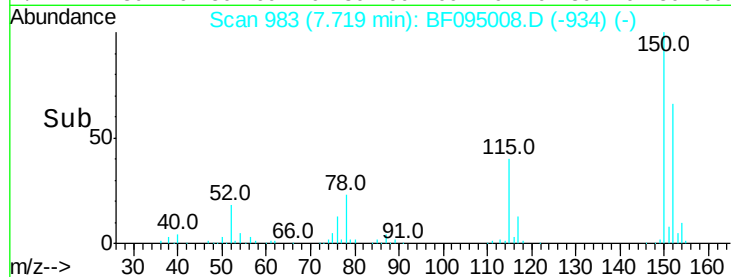
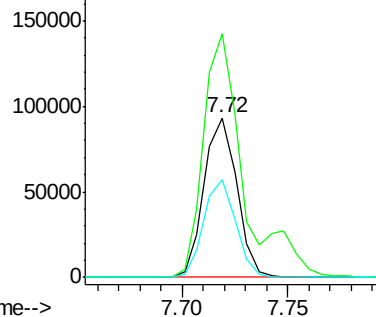
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	126.2	189.2
115	61.4	52.2	78.2

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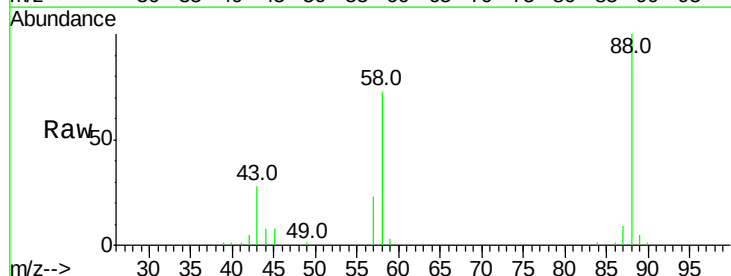
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



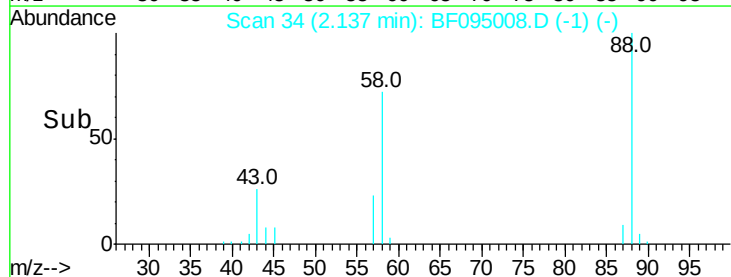
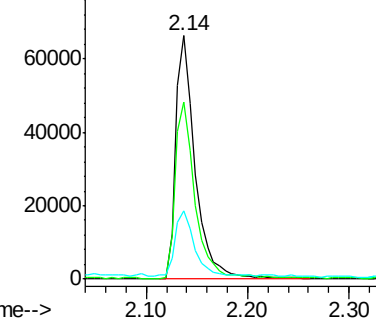
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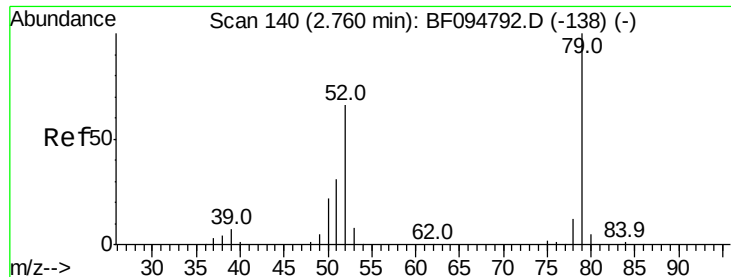
1,4-Dioxane
Concen: 29.87 ng
RT: 2.14 min Scan# 34
Delta R.T. 0.04 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.8	61.4	92.0
43	26.6	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





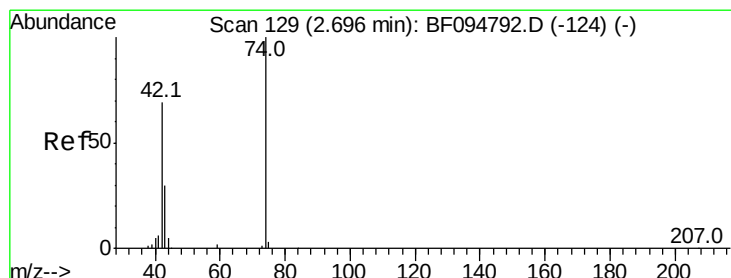
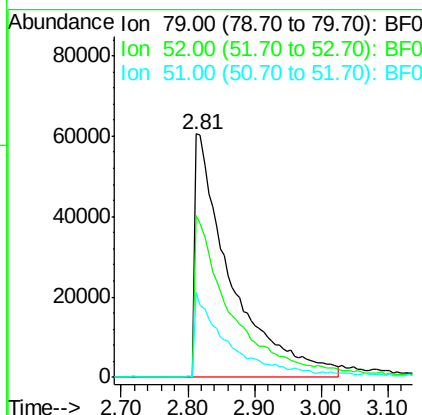
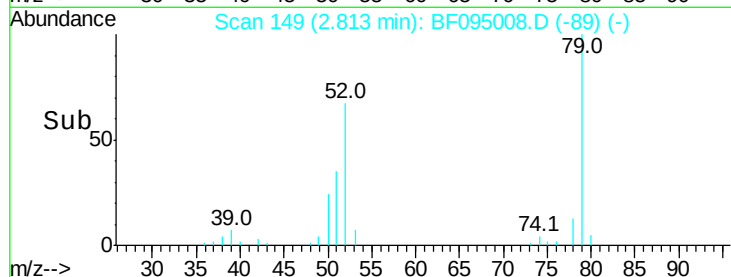
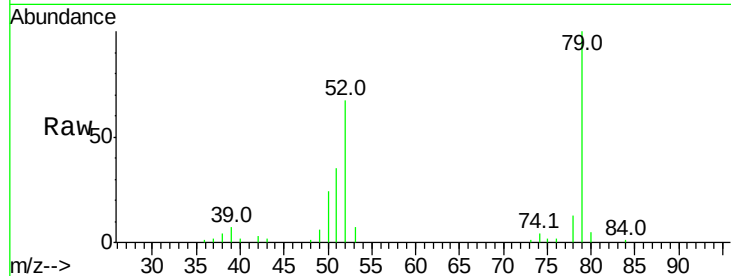
#3
 Pvridine
 Concen: 32.72 ng
 RT: 2.81 min Scan# 149
 Delta R.T. 0.05 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Instrument :
 BNA_F
 ClientSampleId :
 PB98739BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	66.5	54.8	82.2
51	34.9	27.0	40.4

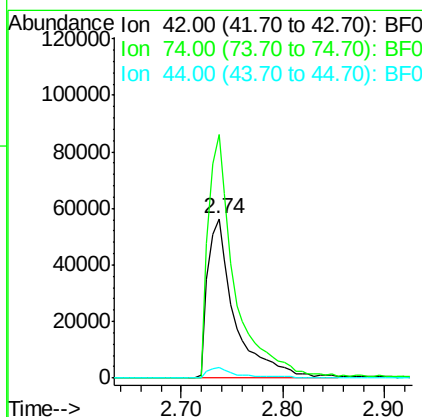
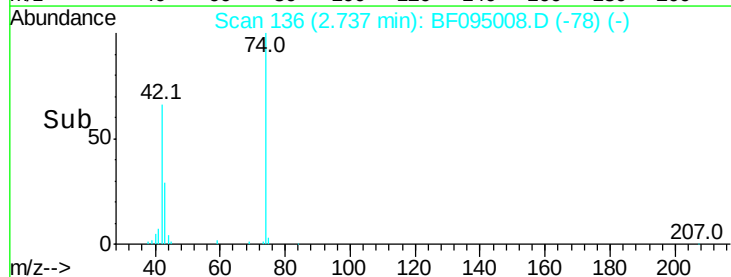
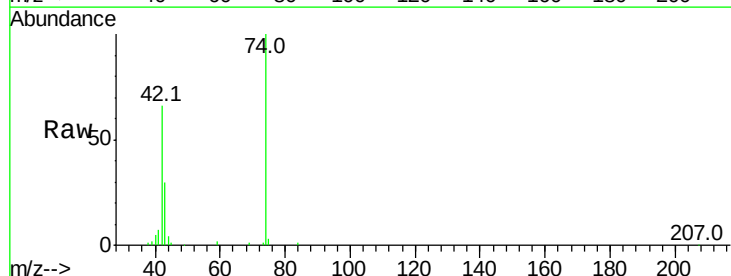
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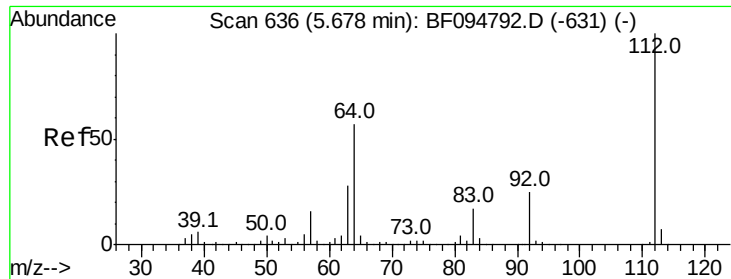
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#4
 n-Nitrosodimethylamine
 Concen: 36.89 ng
 RT: 2.74 min Scan# 136
 Delta R.T. 0.04 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.4	103.9	155.9
44	6.6	5.7	8.5





#5

2-Fluorophenol

Concen: 123.69 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

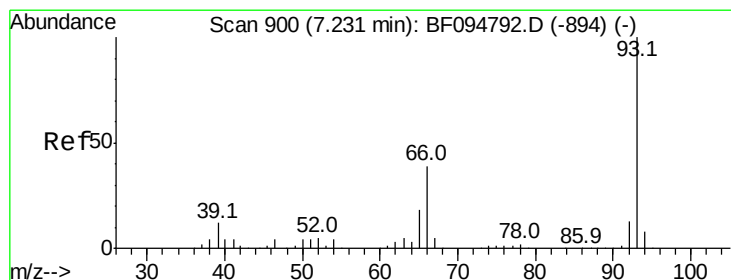
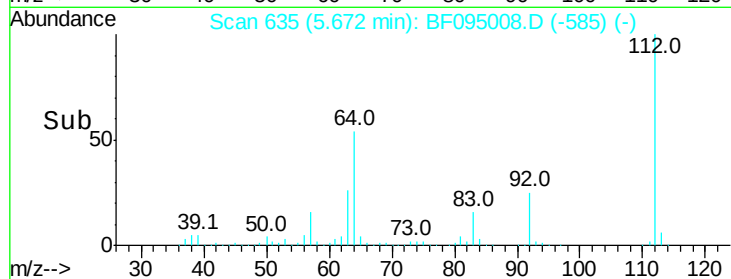
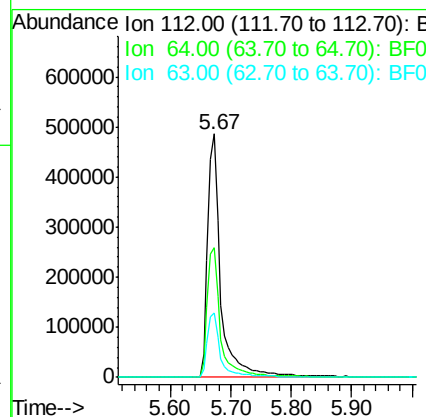
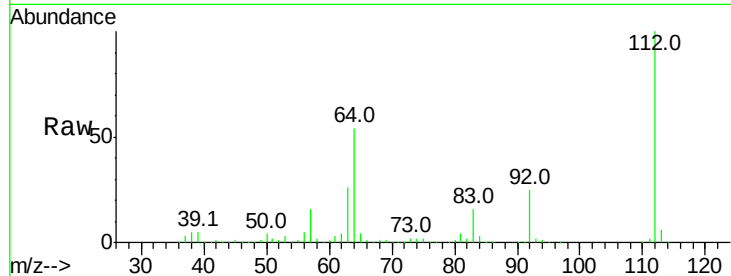
ClientSampleId :

PB98739BS

Tot Ion:	112	Resp:	746023
Ion Ratio	Lower	Upper	
112	100		
64	53.5	46.0	69.0
63	26.3	23.4	35.0

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#6

Aniline

Concen: 24.84 ng

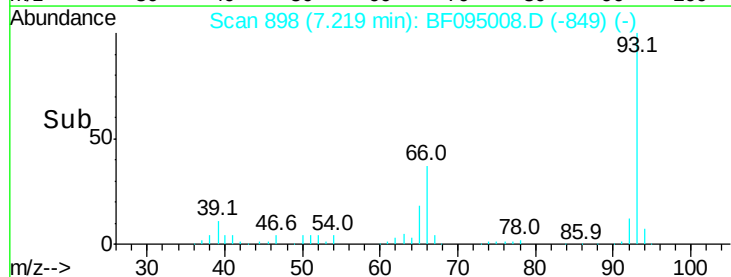
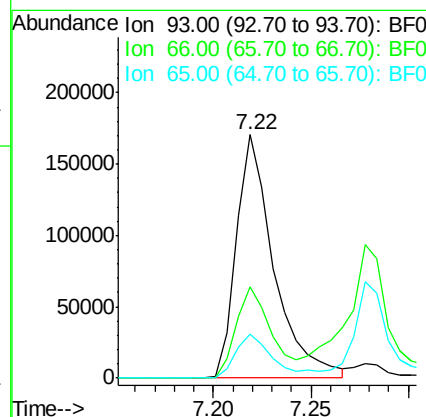
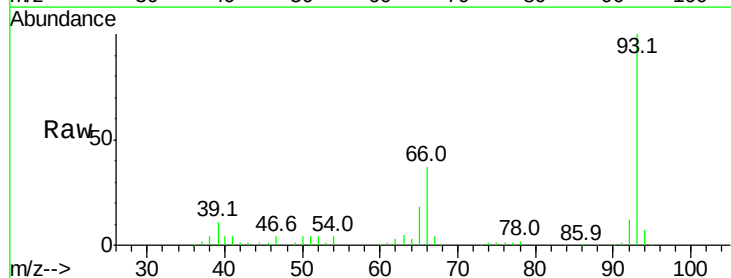
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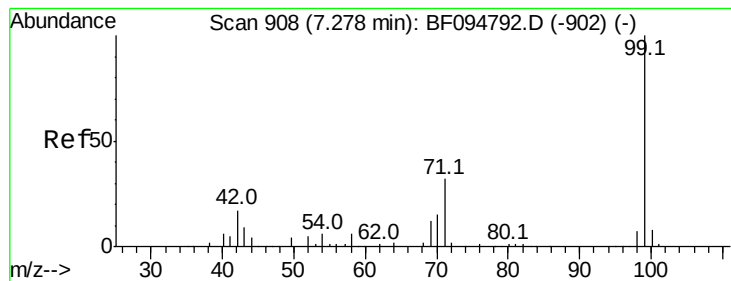
Delta R.T. -0.01 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Tgt Ion:	93	Resp:	226970
Ion Ratio	Lower	Upper	
93	100		
66	37.3	32.9	49.3
65	18.2	16.0	24.0





#7

Phenol-d6

Concen: 124.29 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

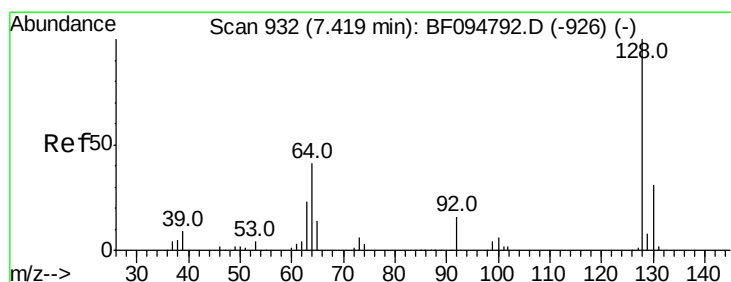
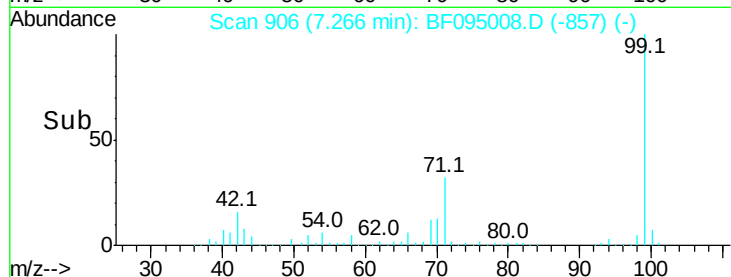
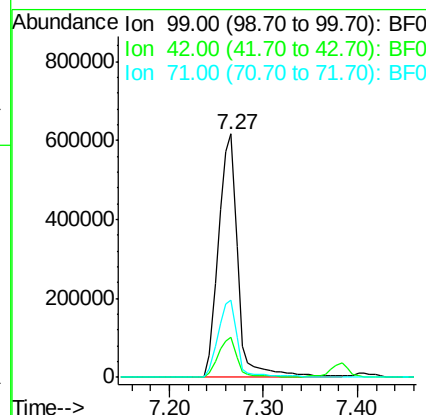
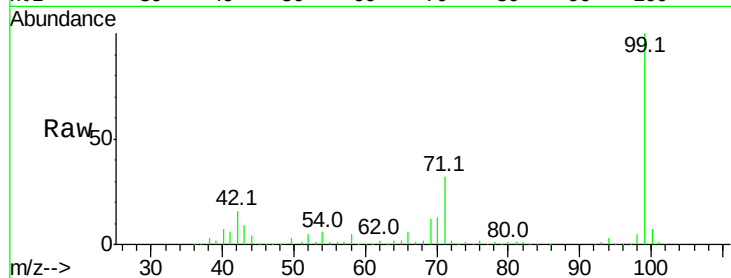
ClientSampleId :

PB98739BS

Tot Ion:	99	Resp:	899449
Ion Ratio	Lower	Upper	
99	100		
42	16.3	13.5	20.3
71	31.9	24.5	36.7

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#8

2-Chlorophenol

Concen: 40.85 ng

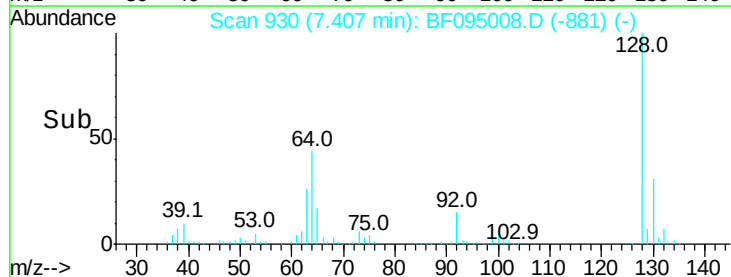
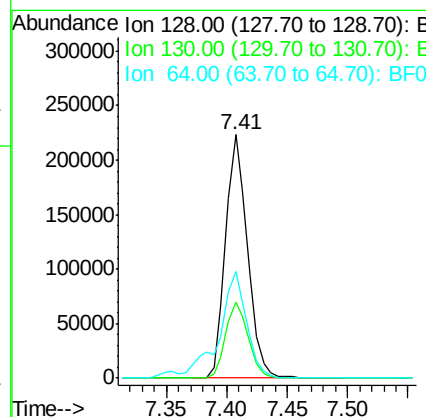
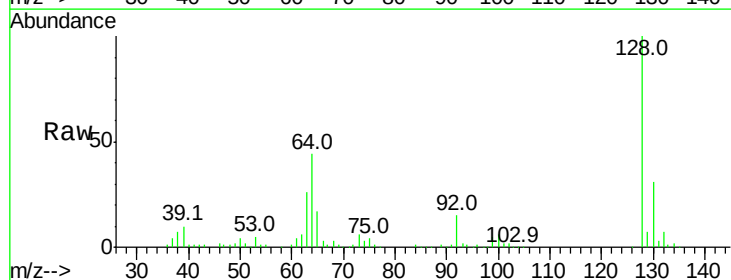
RT: 7.41 min Scan# 930

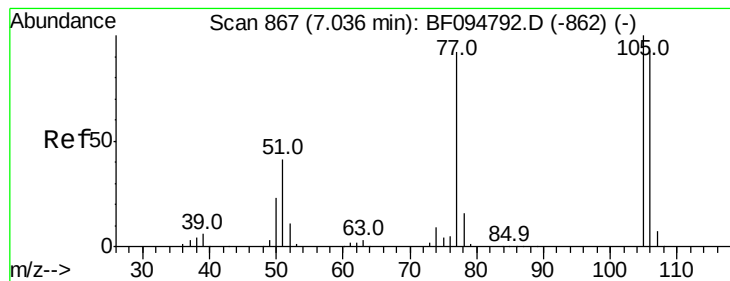
Delta R.T. -0.01 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Tgt Ion:	128	Resp:	280429
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.9	52.9
64	44.0	28.4	68.4





#9

Benzaldehyde

Concen: 8.21 ng

RT: 7.05 min Scan# 869

Delta R.T. 0.01 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

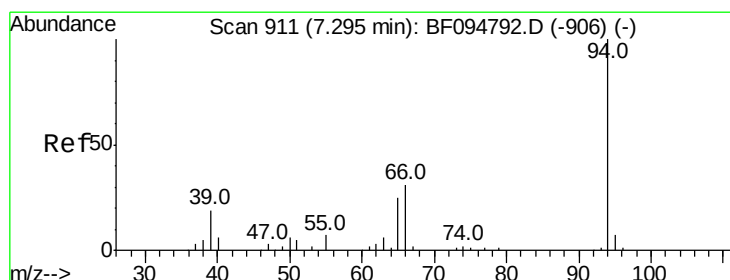
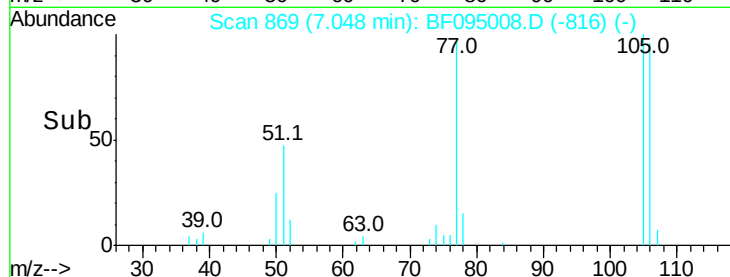
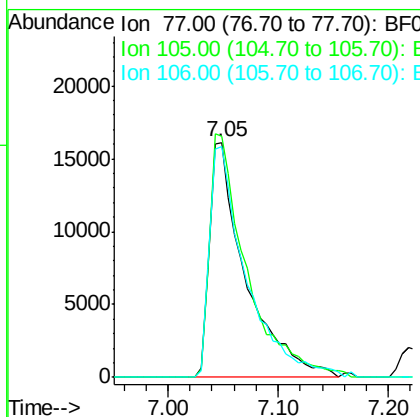
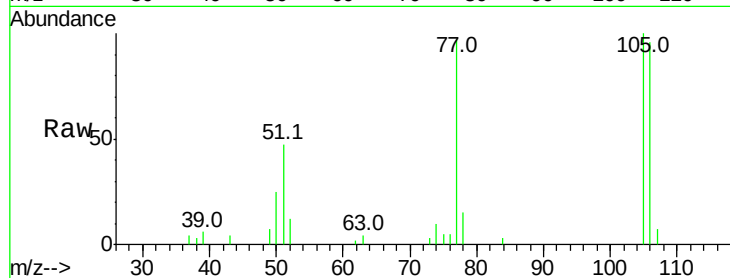
ClientSampleID :

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Tot Ion:	77	Resp:	36278
Ion	Ratio	Lower	Upper
77	100		
105	102.8	83.8	123.8
106	98.3	79.1	119.1

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#10

Phenol

Concen: 41.80 ng

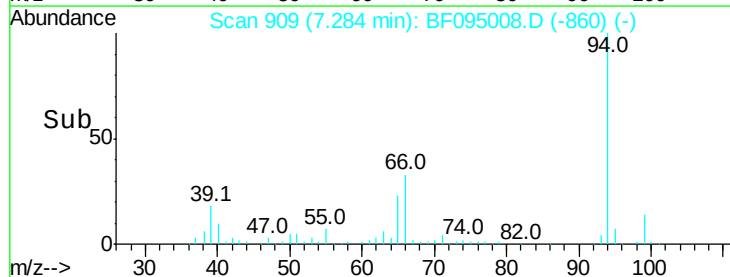
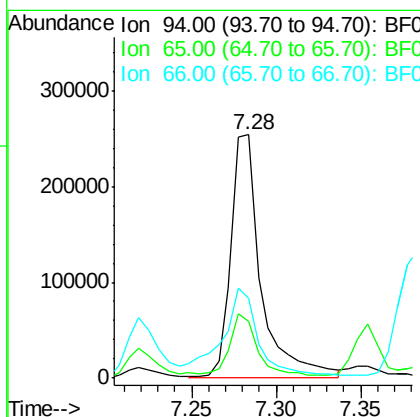
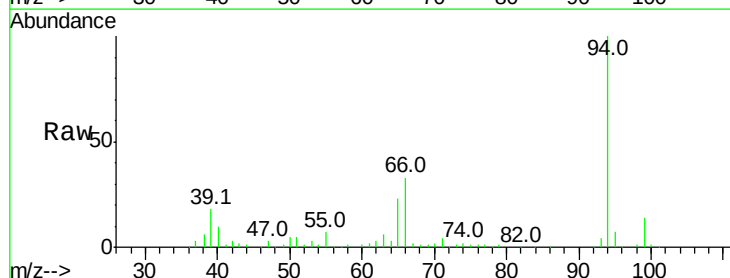
RT: 7.28 min Scan# 909

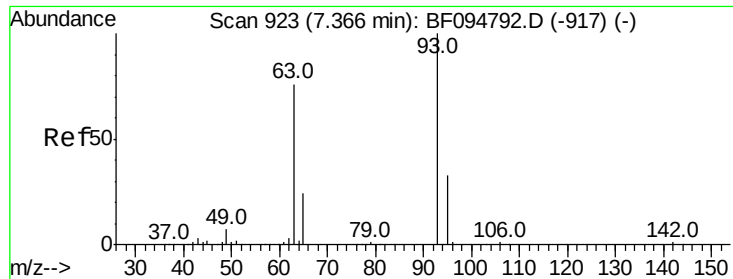
Delta R.T. -0.01 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Tgt Ion:	94	Resp:	318752
Ion	Ratio	Lower	Upper
94	100		
65	23.4	9.9	49.9
66	32.9	23.1	63.1





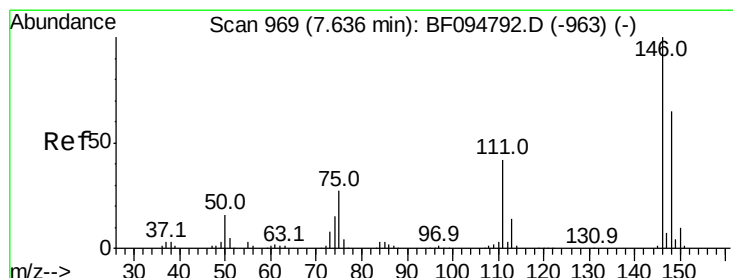
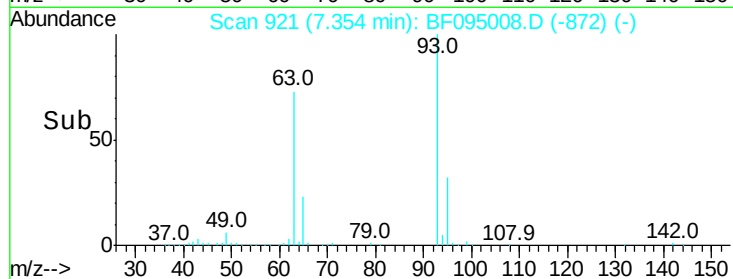
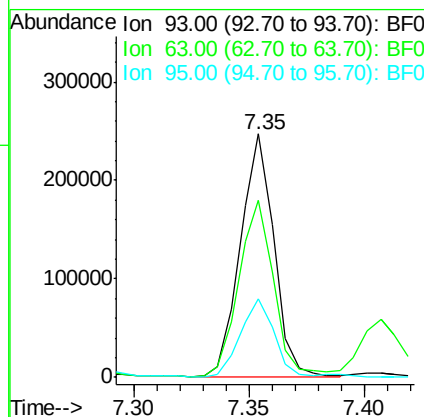
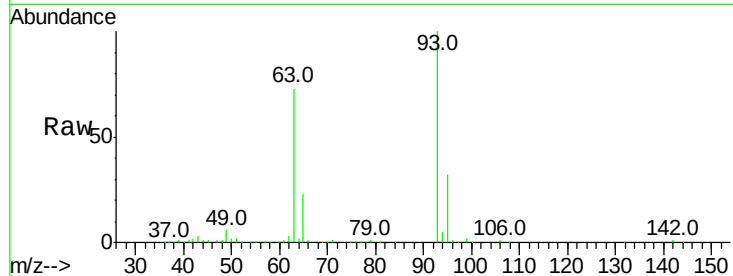
#11
bis(2-Chloroethyl)ether
Concen: 39.42 ng
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :
PB98739BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	248149		
63	72.9	59.2	99.2	
95	32.0	12.8	52.8	

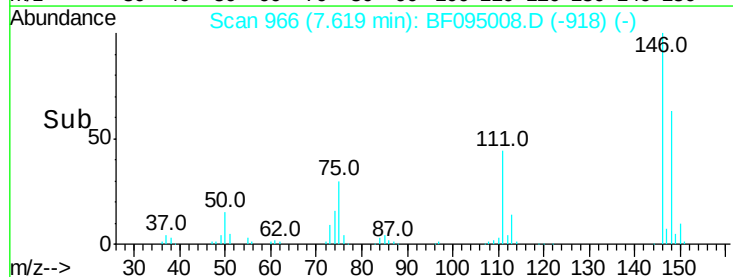
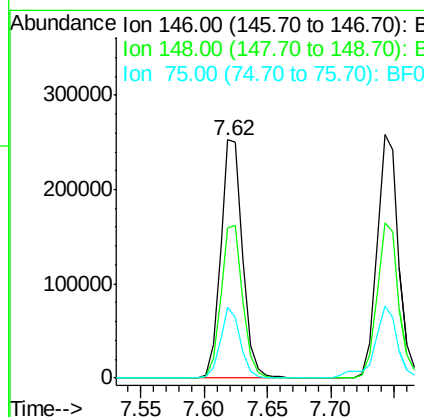
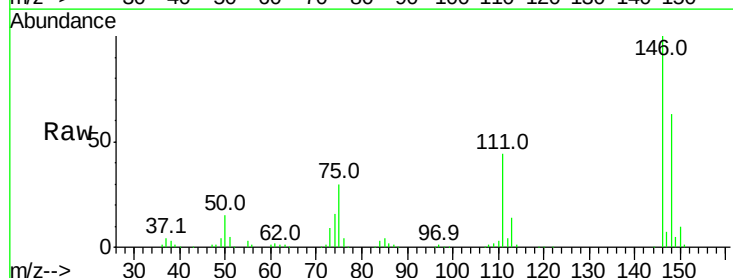
Manual Integrations
APPROVED

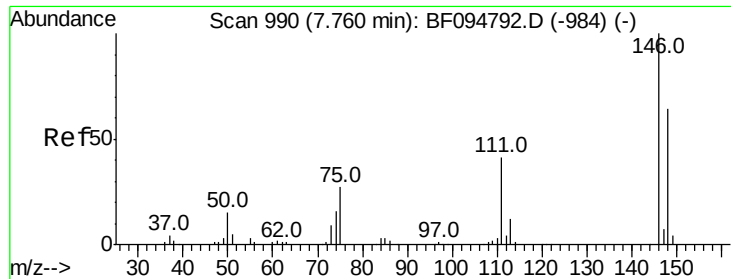
mohammad
5/9/2017 5:03:07 PM



#12
1,3-Dichlorobenzene
Concen: 39.10 ng
RT: 7.62 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	304480		
148	63.3	51.8	77.6	
75	29.6	23.1	34.7	





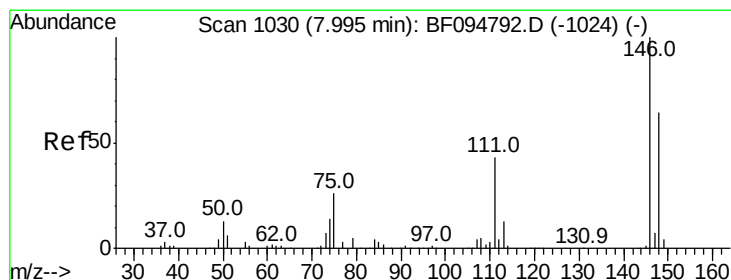
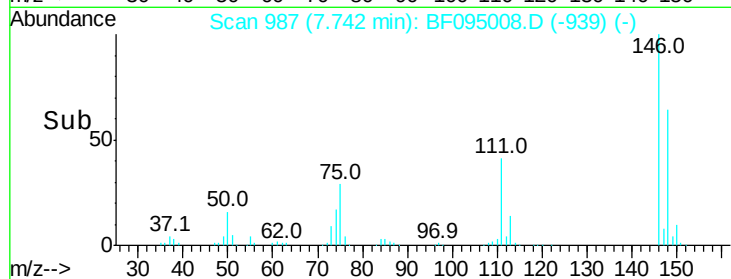
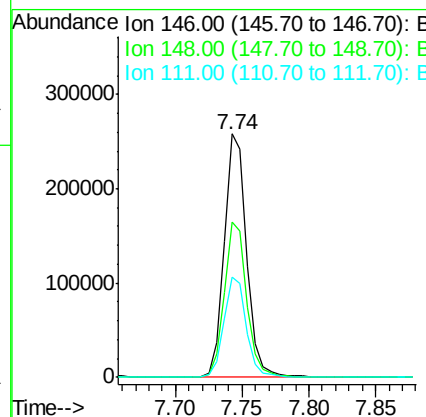
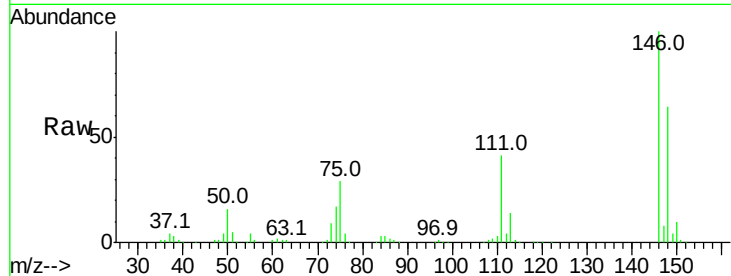
#13
 1,4-Dichlorobenzene
 Concen: 38.78 ng
 RT: 7.74 min Scan# 987
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Instrument :
 BNA_F
 ClientSampleId :
 PB98739BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	41.4	30.3	45.5

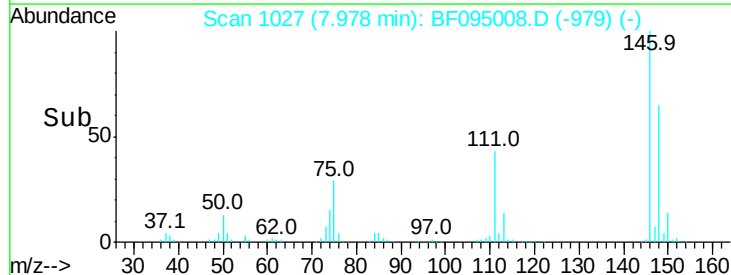
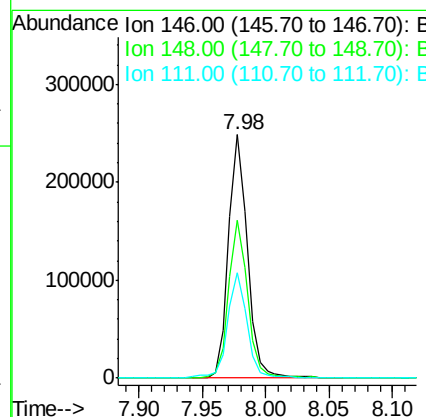
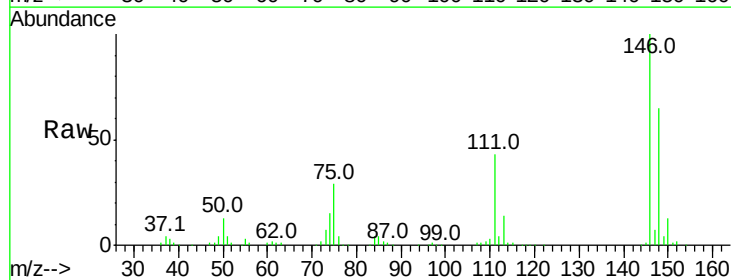
Manual Integrations
 APPROVED

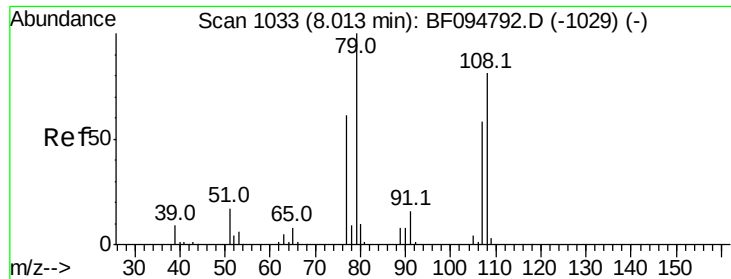
mohammad
 5/9/2017 5:03:07 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.41 ng
 RT: 7.98 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.4	75.6
111	43.2	38.2	57.4





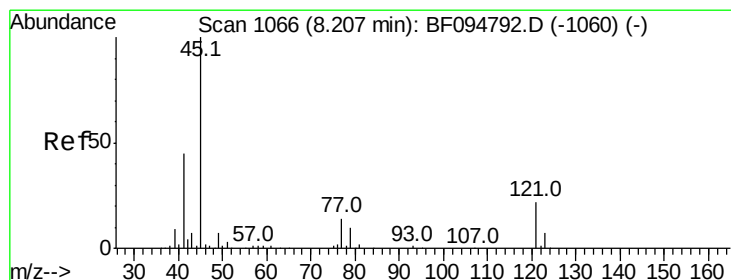
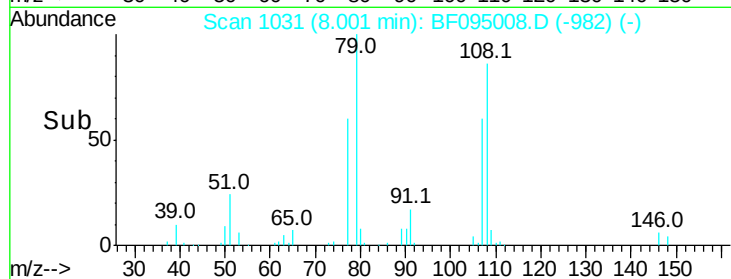
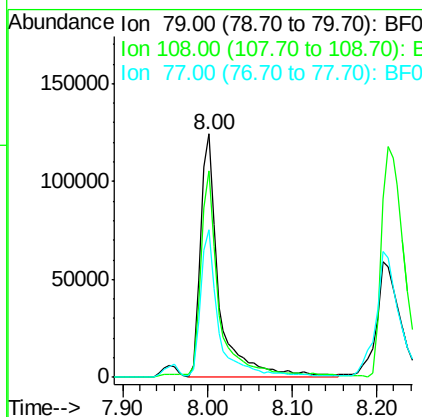
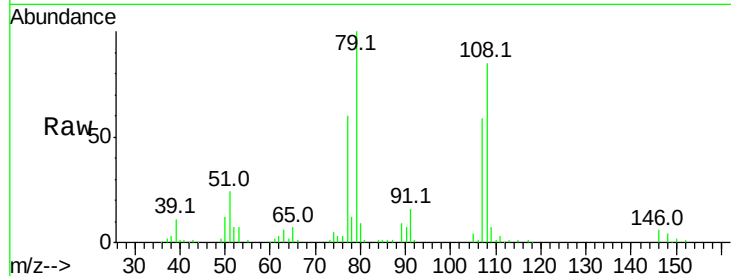
#15
Benzyl Alcohol
Concen: 40.77 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :
PB98739BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.7	63.4	95.0
77	60.5	49.2	73.8

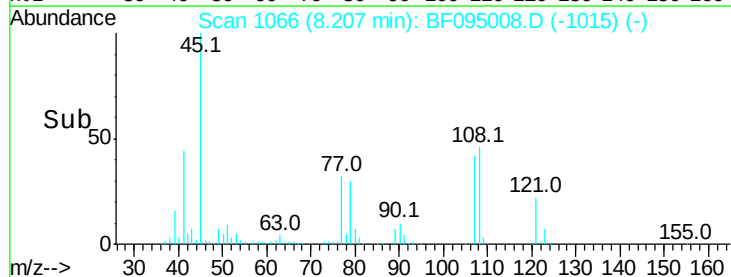
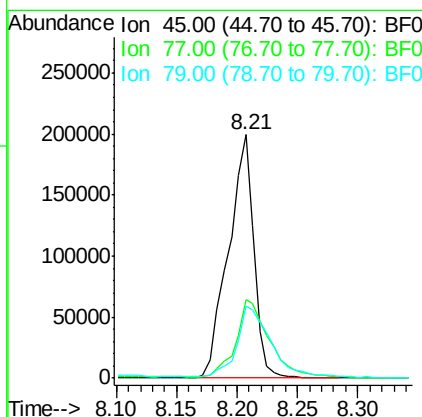
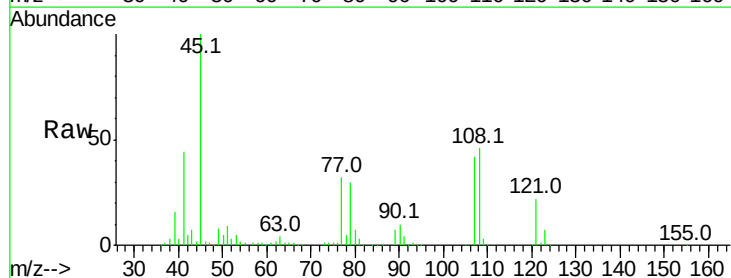
Manual Integrations
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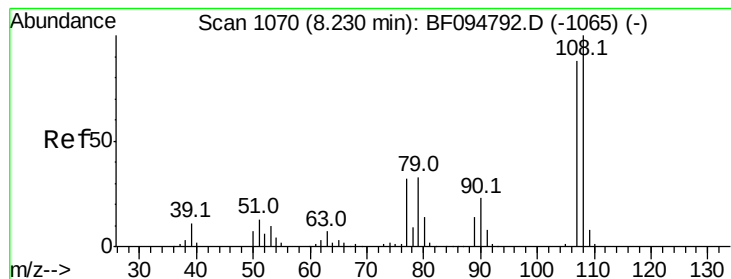
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 32.79 ng
RT: 8.21 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.3	0.0	33.2
79	29.7	0.0	30.0





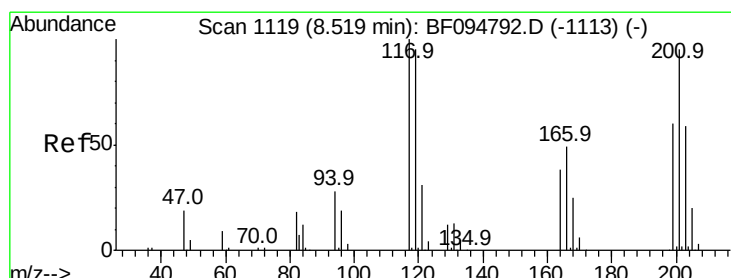
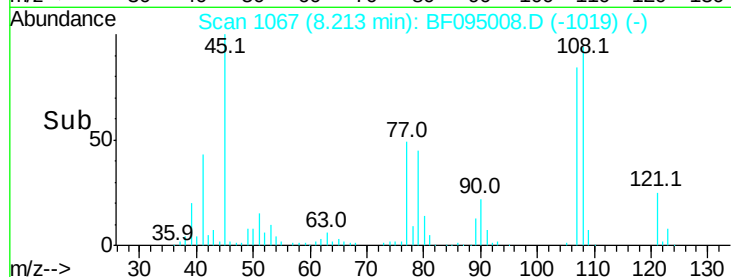
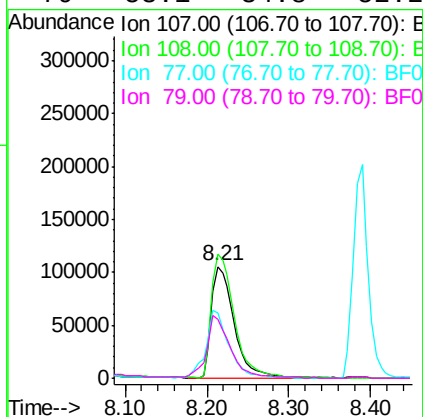
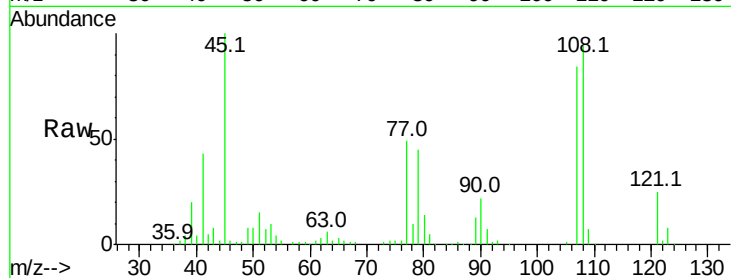
#17
2-Methylphenol
Concen: 36.35 ng
RT: 8.21 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleID :
PB98739BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	204211		
108	111.2	93.4	140.0	
77	57.9	35.8	53.6#	
79	53.1	34.8	52.2#	

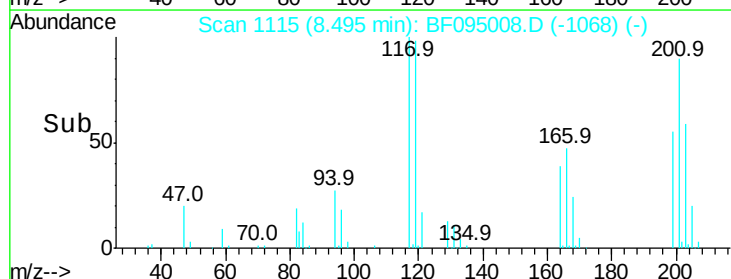
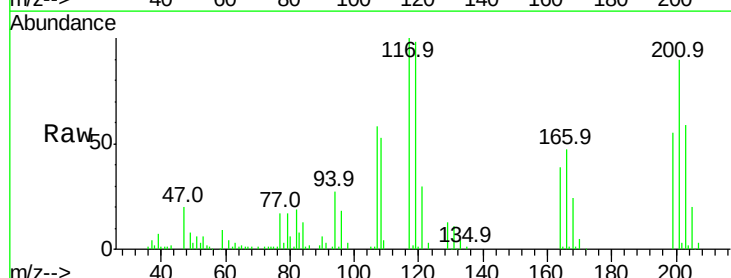
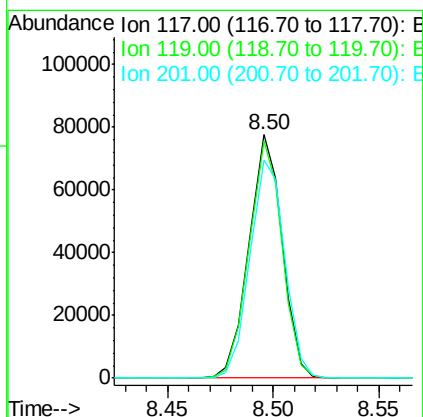
Manual Integrations
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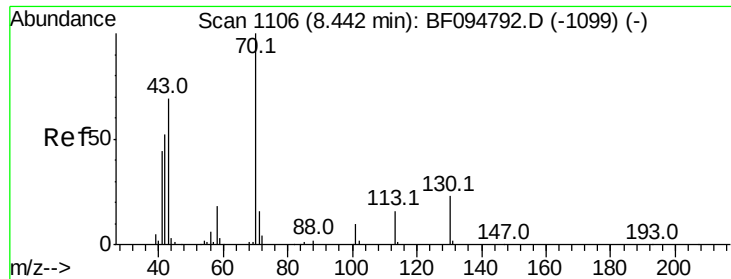
mohammad
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#18
Hexachloroethane
Concen: 31.90 ng
RT: 8.50 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	85354		
119	97.5	77.4	116.0	
201	89.8	94.6	141.8#	





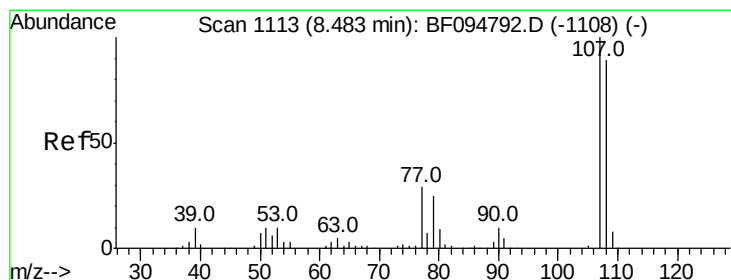
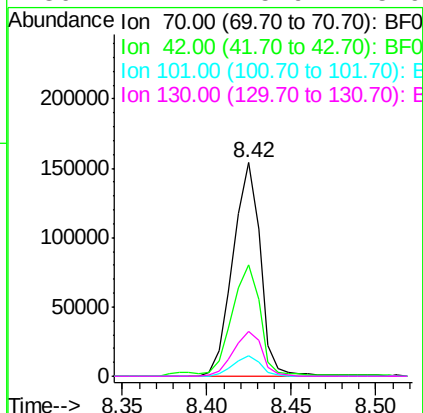
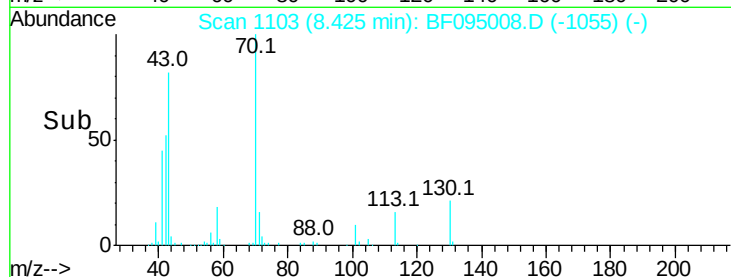
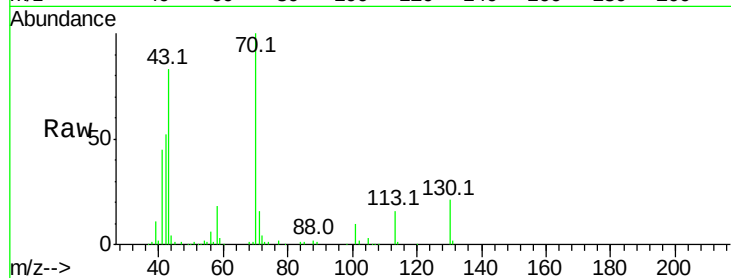
#19
n-Nitroso-di-n-propylamine
Concen: 35.76 ng
RT: 8.42 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :
PB98739BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.3	47.2	70.8	
101	9.8	7.2	10.8	
130	21.1	15.9	23.9	

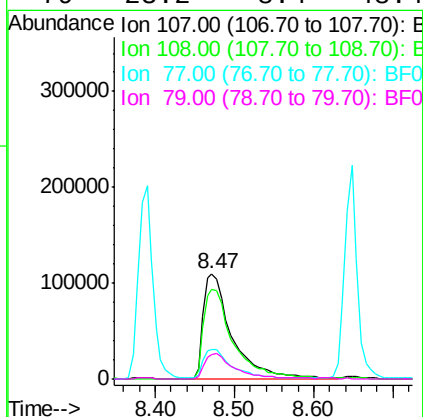
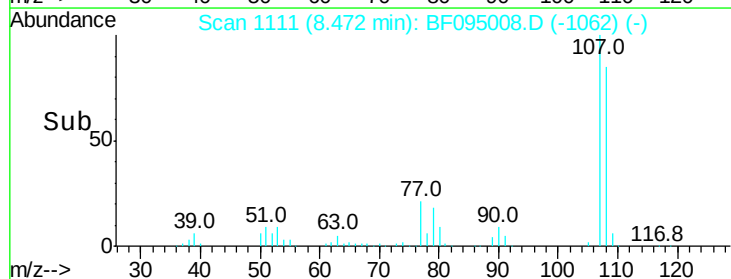
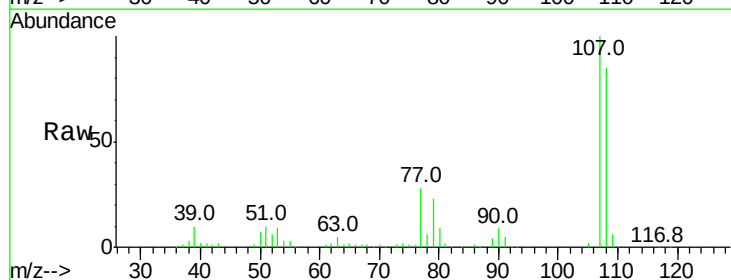
Manual Integrations
APPROVED

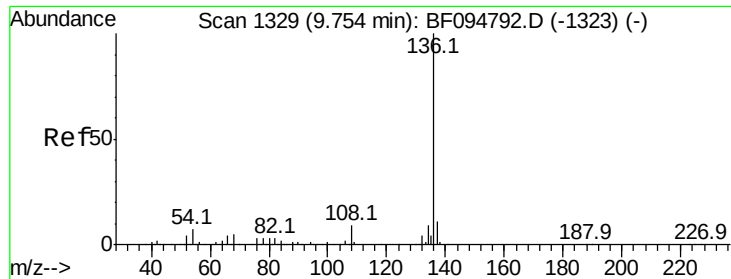
mohammad
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#20
3+4-Methylphenols
Concen: 36.49 ng
RT: 8.47 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.8	71.0	111.0	
77	28.4	90.5	130.5#	
79	23.2	8.4	48.4	





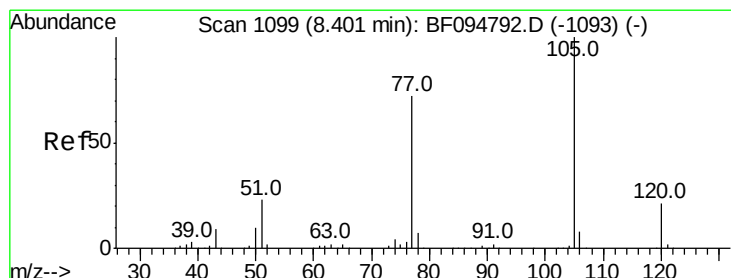
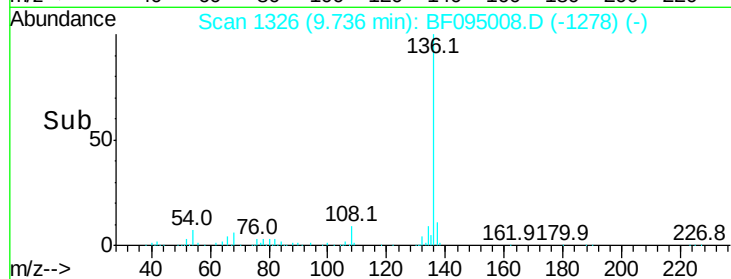
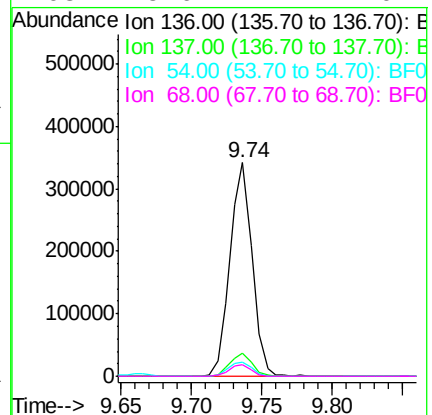
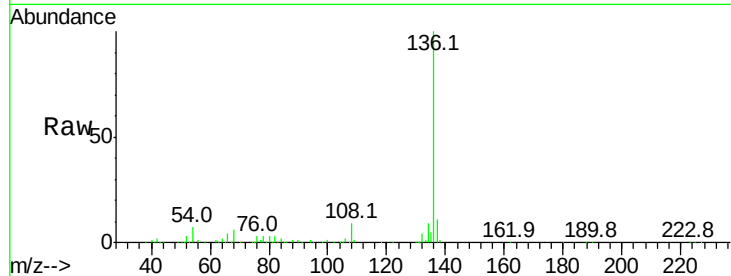
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :
PB98739BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	6.6	4.9	7.3	
68	5.6	4.1	6.1	

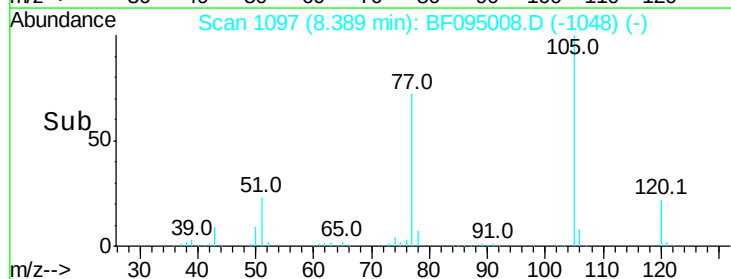
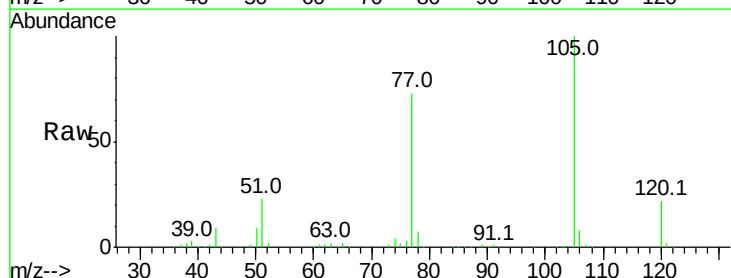
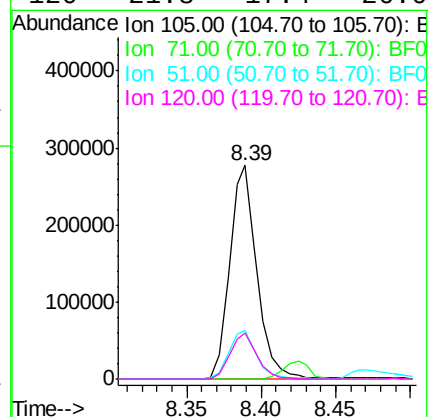
Manual Integrations
APPROVED

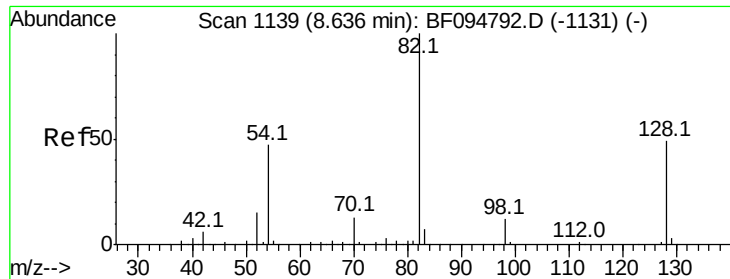
mohammad
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#22
Acetophenone
Concen: 39.58 ng
RT: 8.39 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.8	4.2#	
51	22.9	30.7	46.1#	
120	21.8	17.4	26.0	





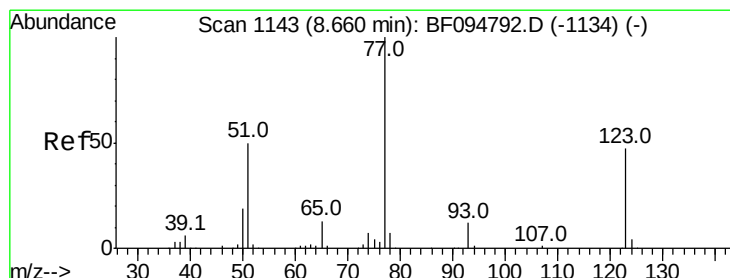
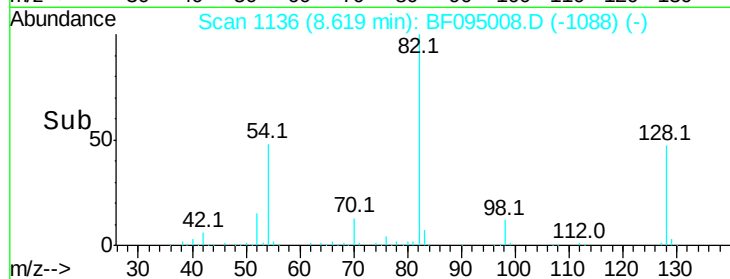
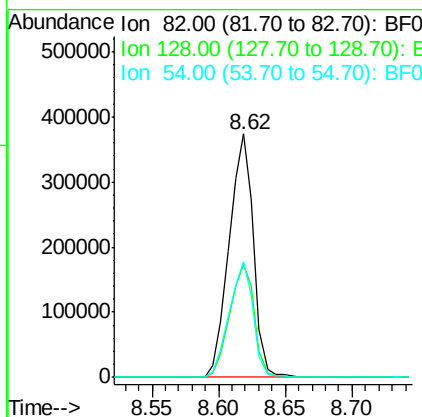
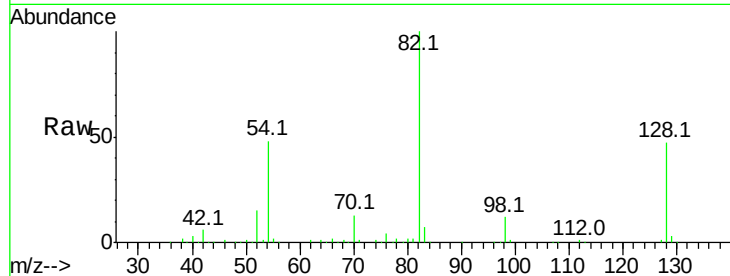
#23
 Nitrobenzene-d5
 Concen: 80.52 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Instrument :
 BNA_F
 ClientSampled :
 PB98739BS

Tot Ion	82	Resp	475987
Ion Ratio	100	Lower	Upper
128	46.6	34.0	51.0
54	47.7	42.2	63.2

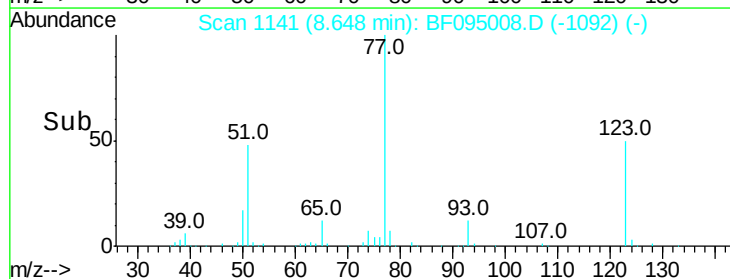
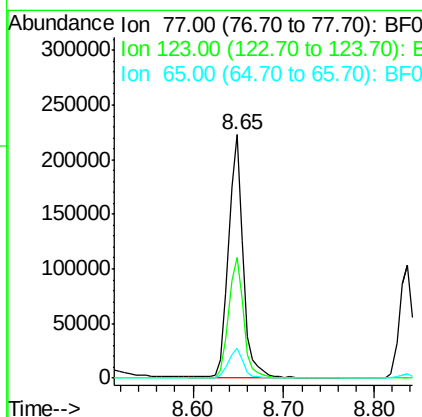
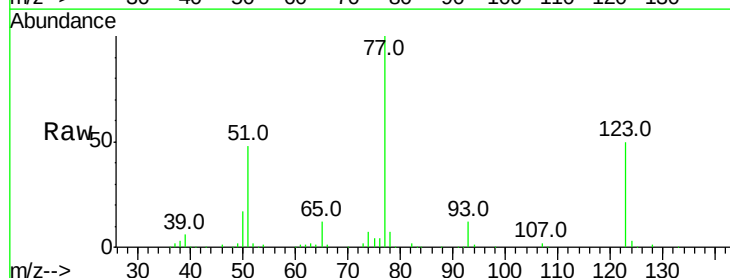
Manual Integrations
 APPROVED

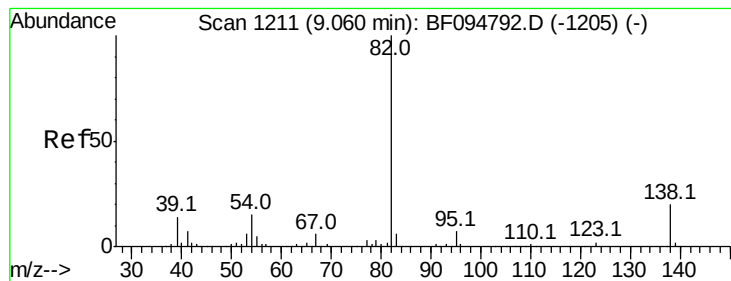
mohammad
 5/9/2017 5:03:07 PM



#24
 Nitrobenzene
 Concen: 40.04 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Tgt Ion	77	Resp	248093
Ion Ratio	100	Lower	Upper
123	49.6	35.8	53.8
65	12.4	10.6	15.8





#25

Isophorone

Concen: 42.11 ng

RT: 9.04 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

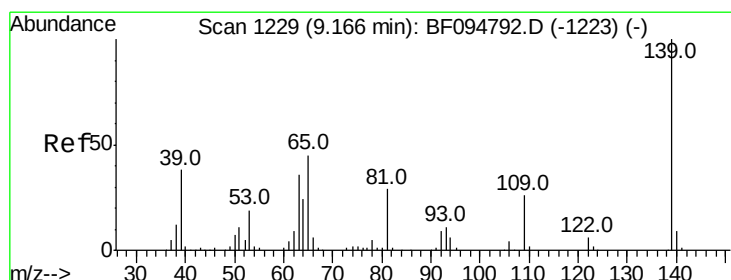
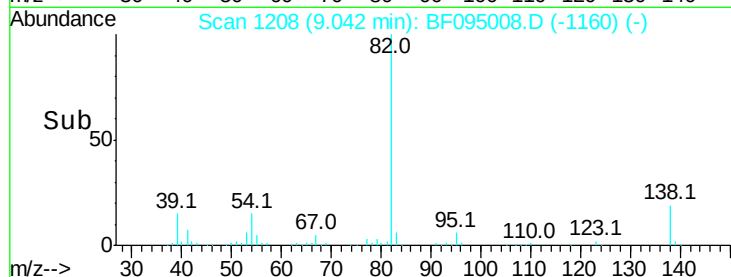
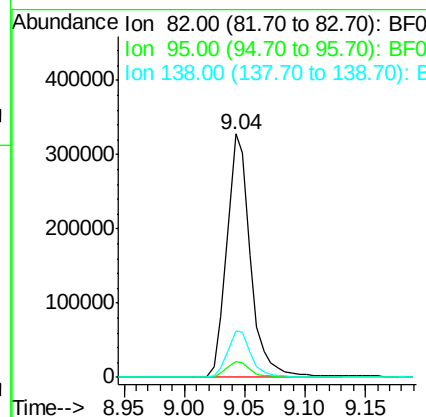
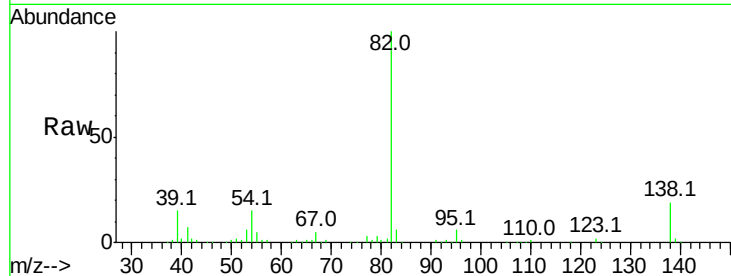
ClientSampleId :

PB98739BS

Tot Ion:	82	Resp:	444510
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	19.2	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.20 ng

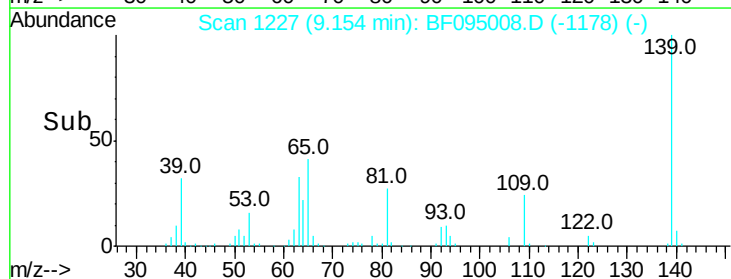
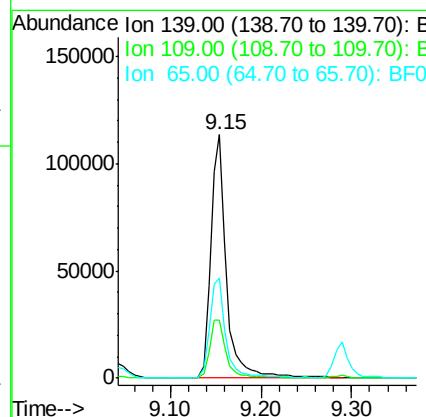
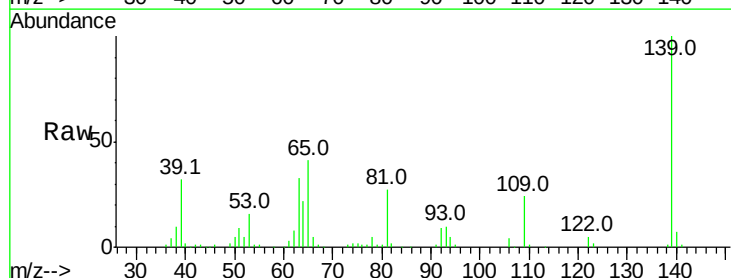
RT: 9.15 min Scan# 1227

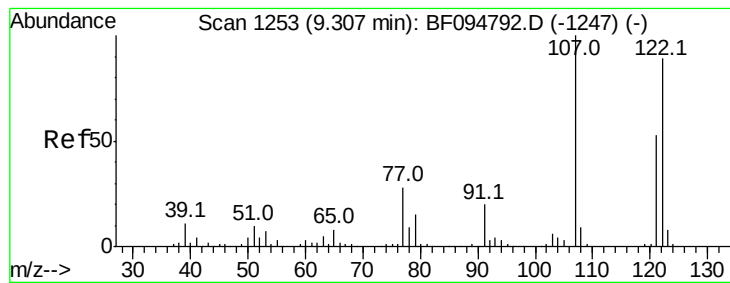
Delta R.T. -0.01 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Tgt Ion:	139	Resp:	137744
Ion Ratio	Lower	Upper	
139	100		
109	23.8	21.0	31.6
65	41.0	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 42.26 ng

RT: 9.29 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

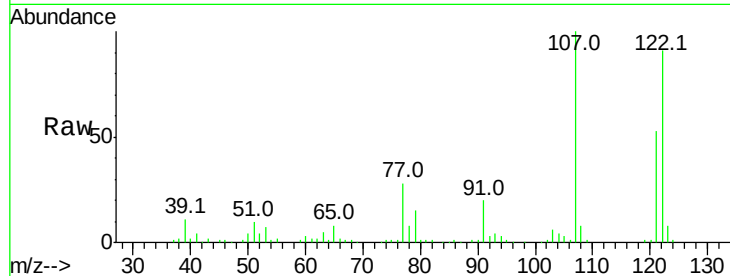
ClientSampleID :

PB98739BS

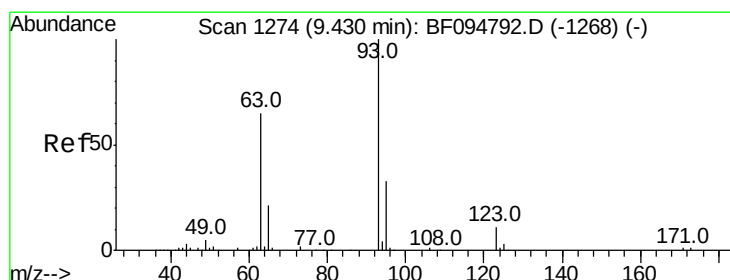
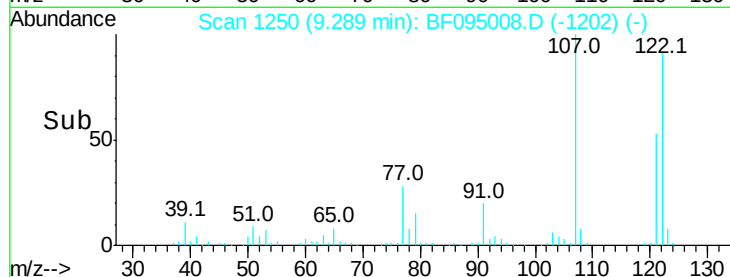
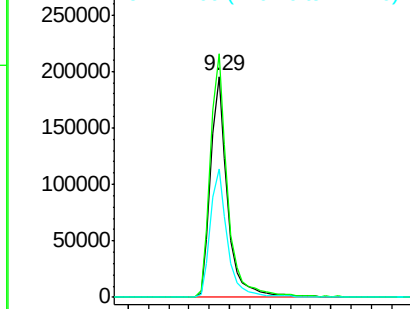
Tot Ion:	122	Resp:	228461
Ion Ratio	Lower	Upper	
122	100		
107	110.1	89.2	133.8
121	58.3	45.2	67.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.92 ng

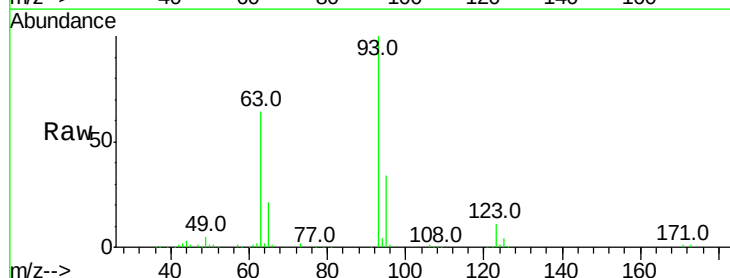
RT: 9.41 min Scan# 1271

Delta R.T. -0.02 min

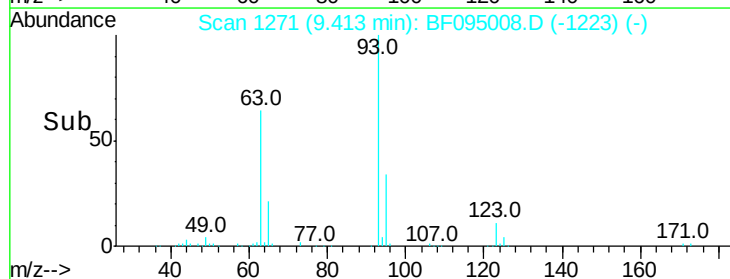
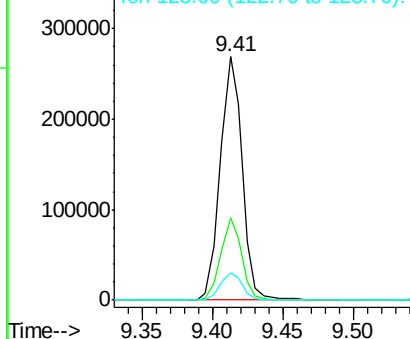
Lab File: BF095008.D

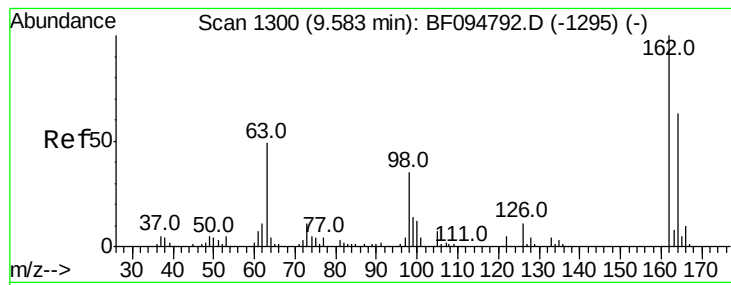
Acq: 9 May 2017 6:46

Tgt Ion:	93	Resp:	291515
Ion Ratio	Lower	Upper	
93	100		
95	34.1	26.5	39.7
123	11.0	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.48 ng

RT: 9.57 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

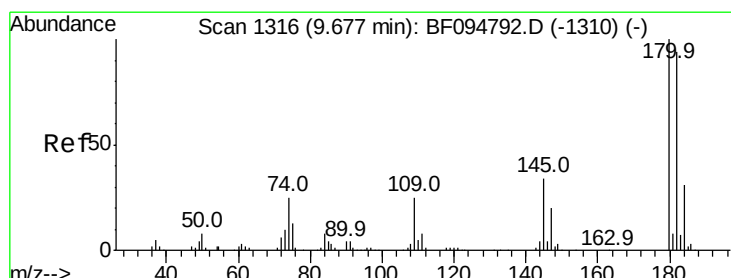
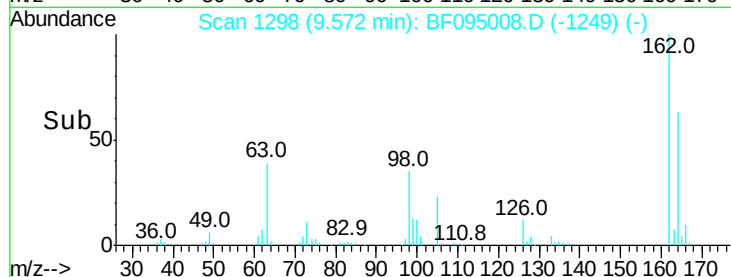
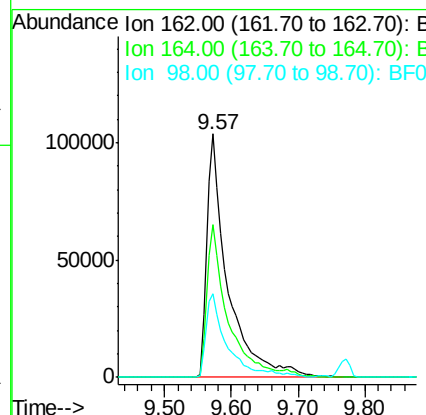
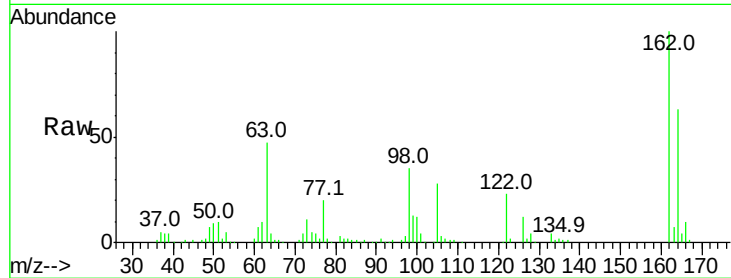
ClientSampleId :

PB98739BS

Tot Ion:	162	Resp:	221911
Ion Ratio	Lower	Upper	
162	100		
164	62.7	44.6	84.6
98	34.5	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 40.72 ng

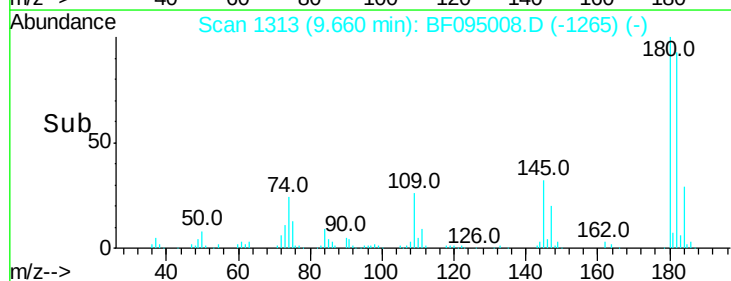
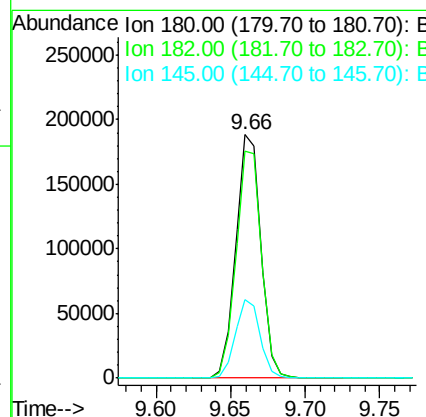
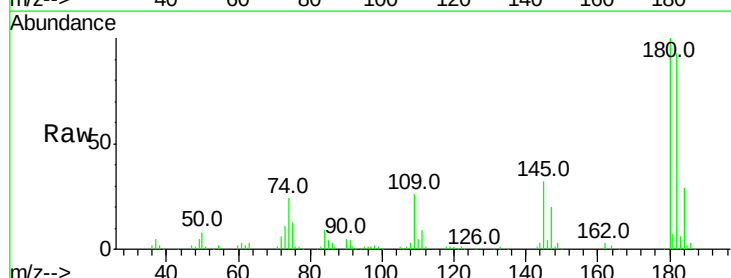
RT: 9.66 min Scan# 1313

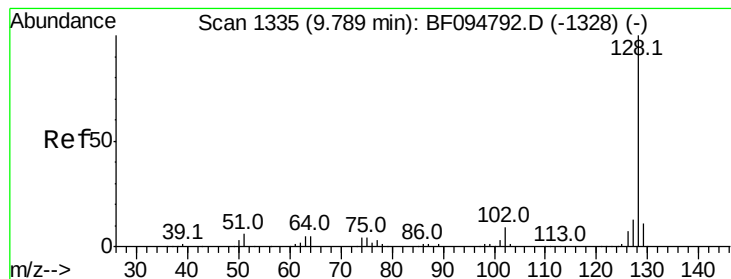
Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Tgt Ion:	180	Resp:	222652
Ion Ratio	Lower	Upper	
180	100		
182	93.2	75.8	113.6
145	32.2	25.3	37.9





#31

Naphthalene

Concen: 40.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

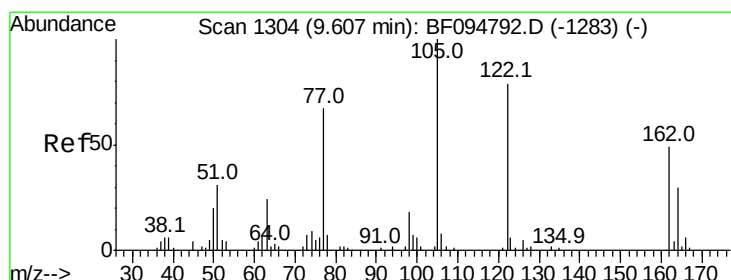
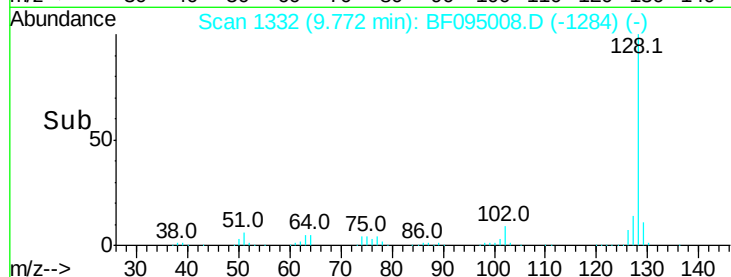
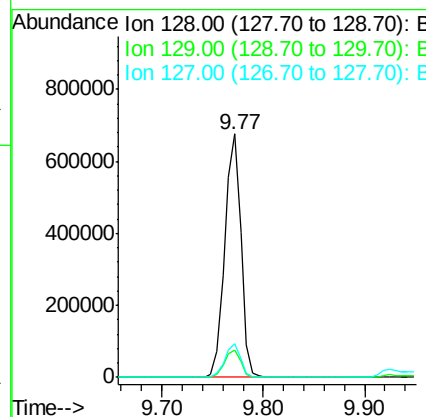
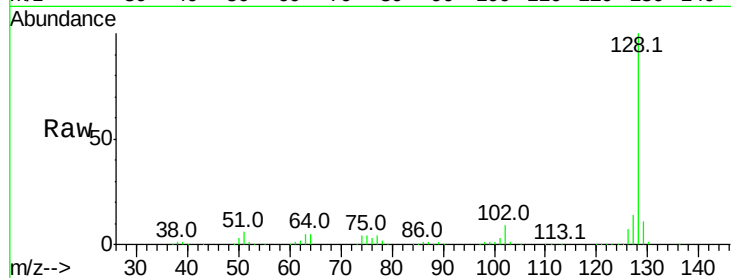
ClientSampleId :

PB98739BS

Tot Ion:	128	Resp:	749463
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.0	13.6
127	13.6	10.8	16.2

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#32

Benzoic acid

Concen: 35.48 ng

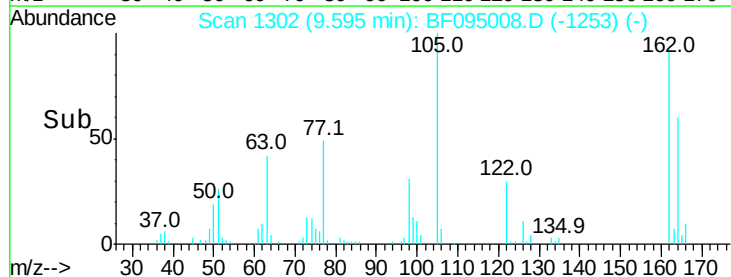
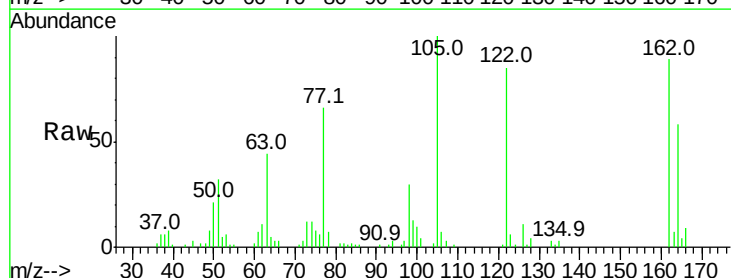
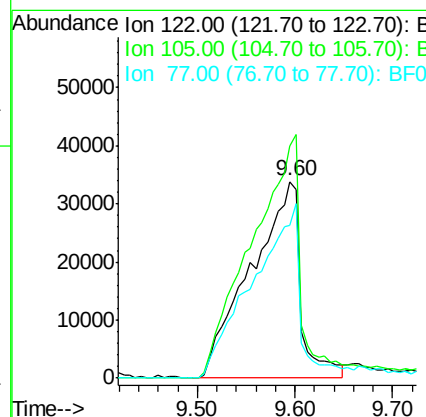
RT: 9.60 min Scan# 1302

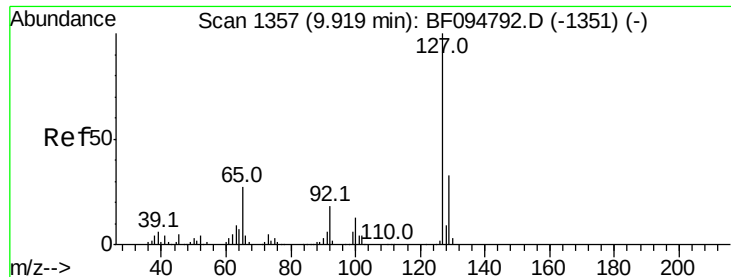
Delta R.T. -0.01 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Tgt Ion:	122	Resp:	120648
Ion Ratio	Lower	Upper	
122	100		
105	118.2	103.3	143.3
77	78.1	73.7	113.7





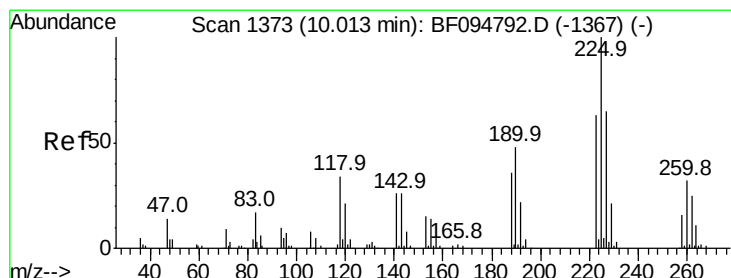
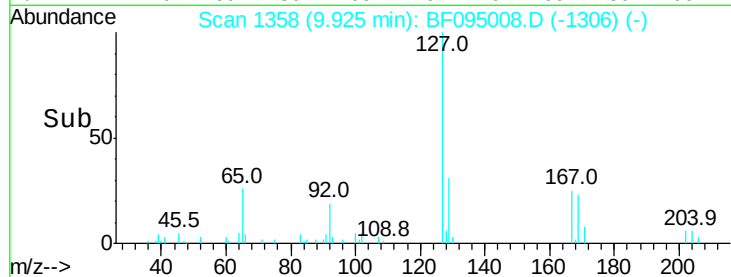
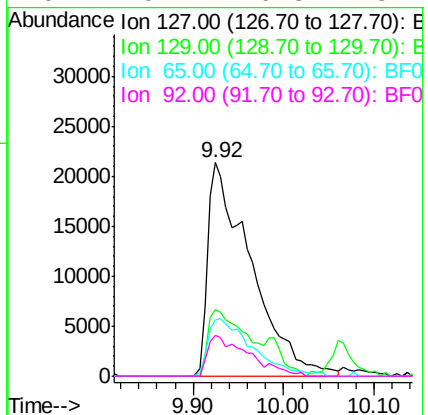
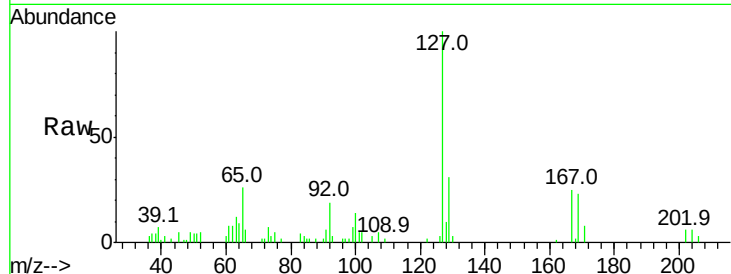
#33
4-Chloroaniline
Concen: 10.17 ng
RT: 9.92 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :
PB98739BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.1	26.2	39.2
65	26.2	27.8	41.8
92	19.2	16.8	25.2

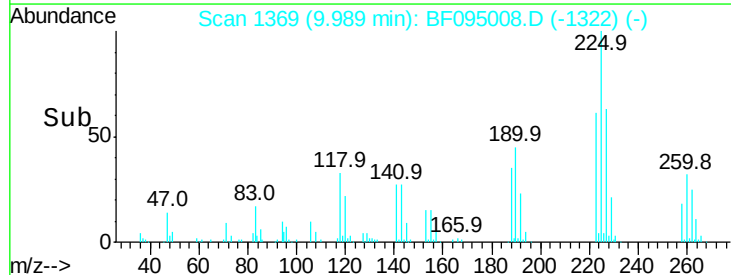
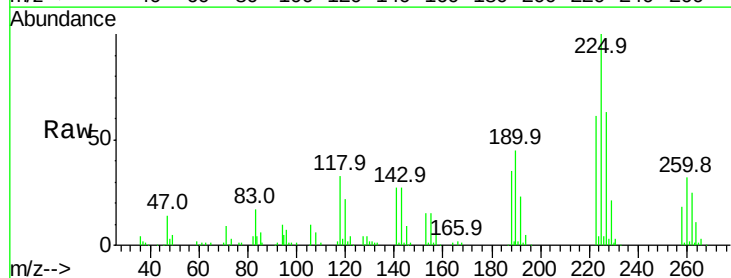
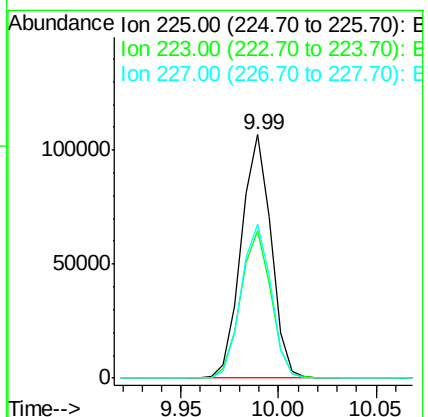
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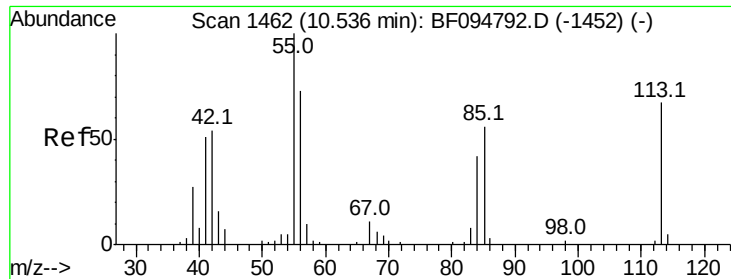
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#34
Hexachlorobutadiene
Concen: 39.28 ng
RT: 9.99 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	60.7	48.8	73.2
227	63.2	51.1	76.7





#35

Caprolactam

Concen: 46.05 ng/mL

RT: 10.52 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

ClientSampleID :

PB98739BS

Tot Ion:113 Resp: 70575

Ion Ratio Lower Upper

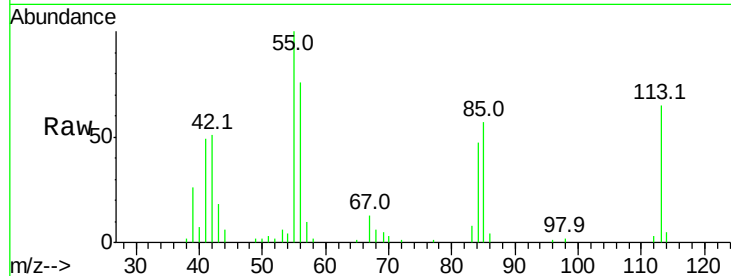
113 100

55 153.5 150.2 190.2

56 116.1 107.8 147.8

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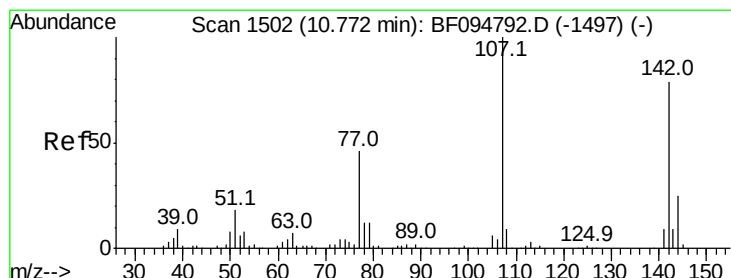
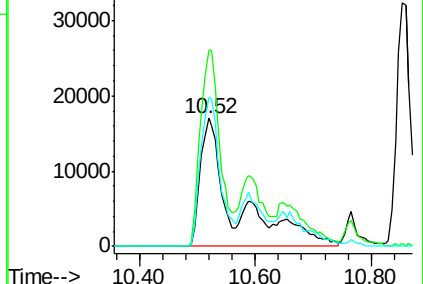
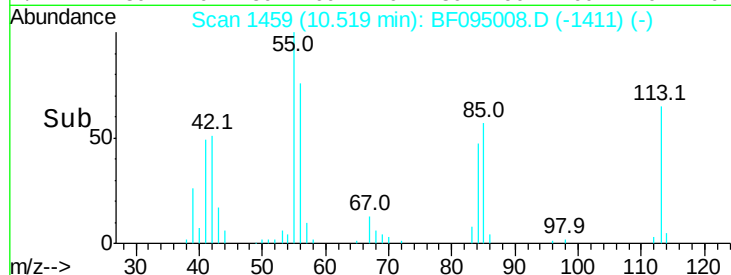
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.52 ng/mL

RT: 10.77 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

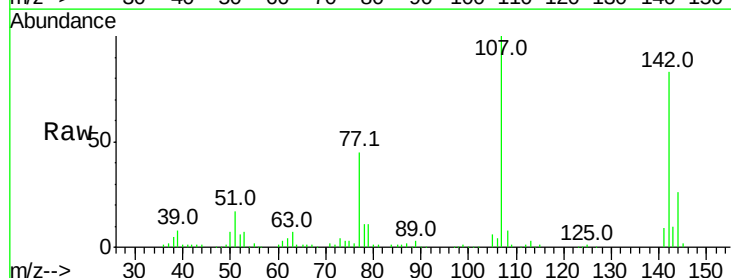
Tgt Ion:107 Resp: 232029

Ion Ratio Lower Upper

107 100

144 25.6 24.2 36.4

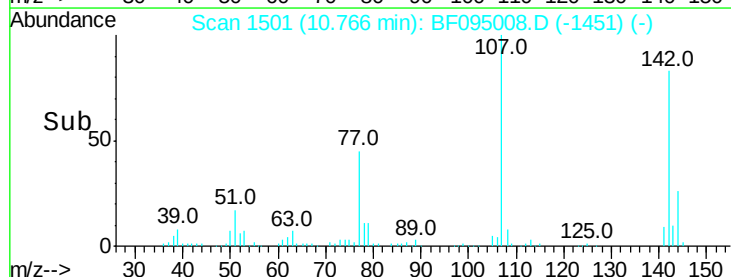
142 83.0 73.4 110.0



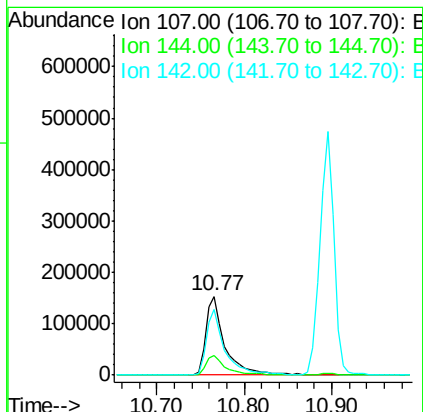
Abundance Ion 107.00 (106.70 to 107.70): E

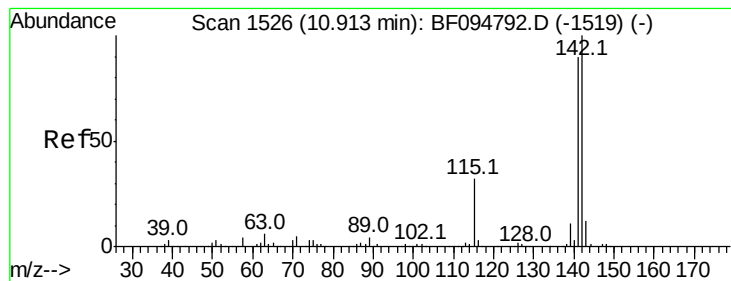
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 43.38 ng

RT: 10.90 min Scan# 1523

Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

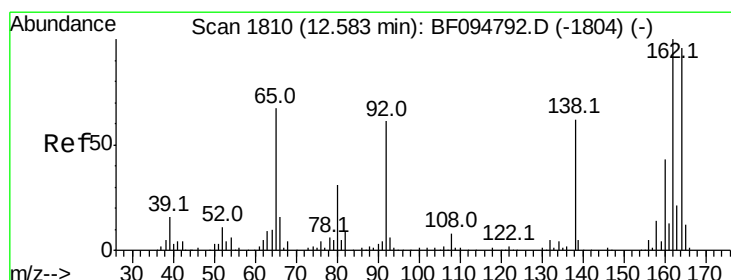
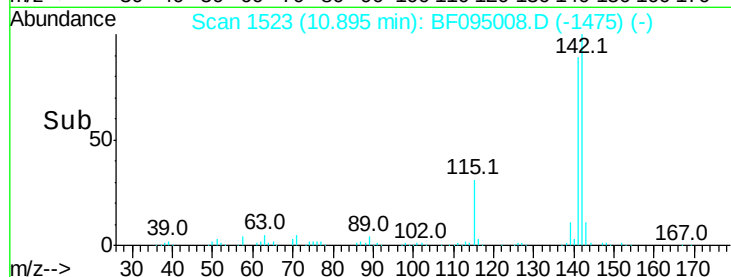
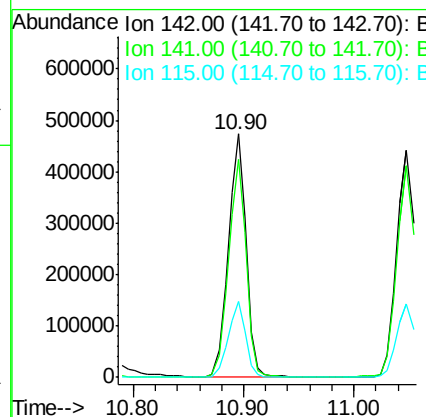
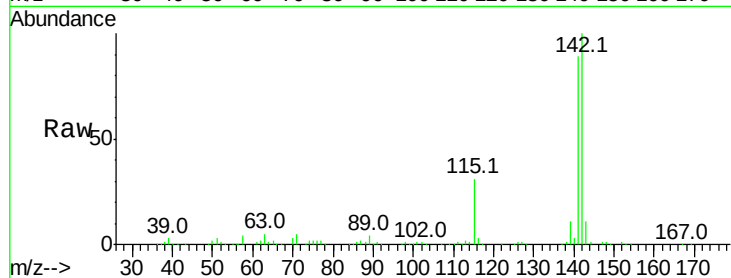
ClientSampleId :

PB98739BS

Tot Ion:	142	Resp:	533386
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.3	106.9
115	31.1	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

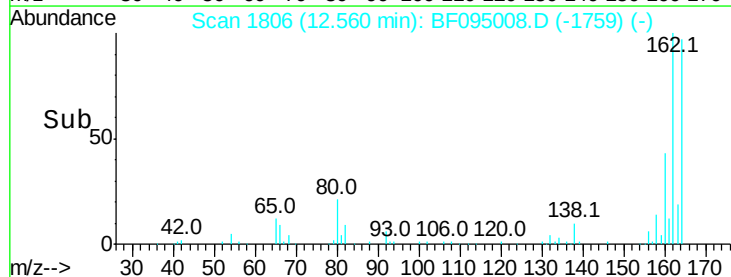
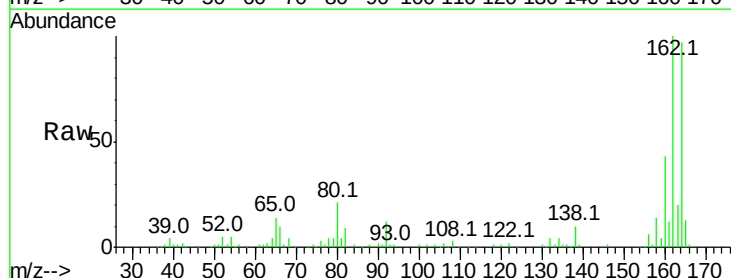
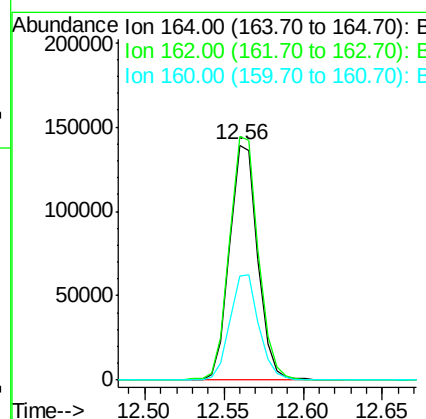
RT: 12.56 min Scan# 1806

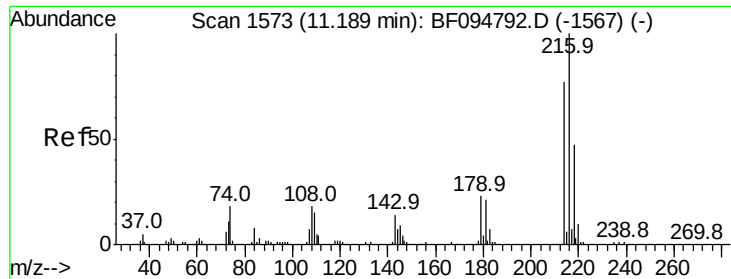
Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Tgt Ion:	164	Resp:	170978
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.6	123.8
160	44.3	36.2	54.2





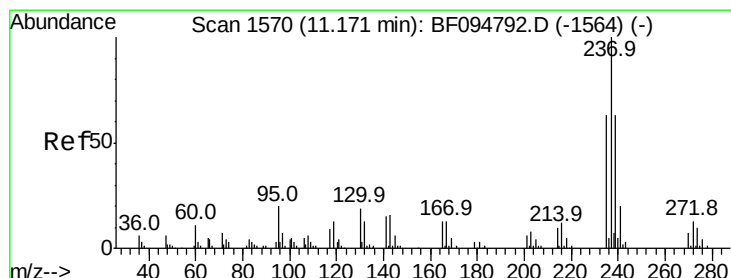
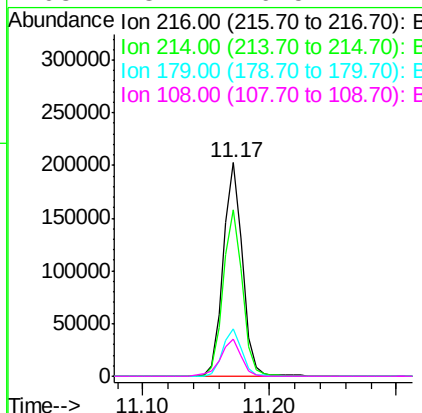
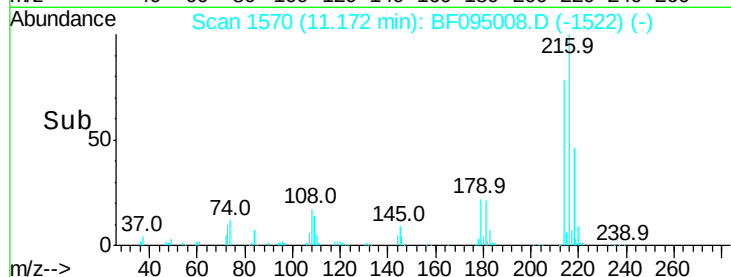
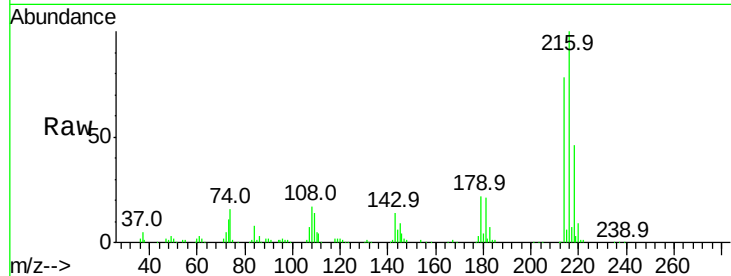
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.54 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Instrument :
 BNA_F
 ClientSampleId :
 PB98739BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	213168		
214	78.0	63.4	95.2	
179	21.9	17.9	26.9	
108	18.7	16.5	24.7	

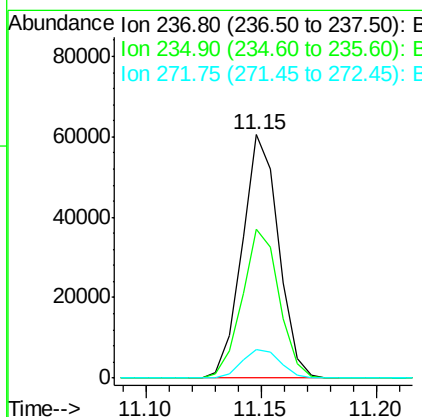
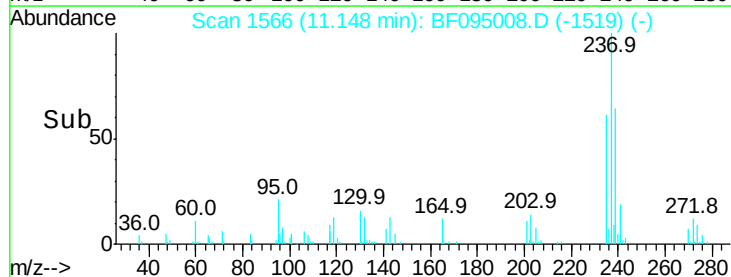
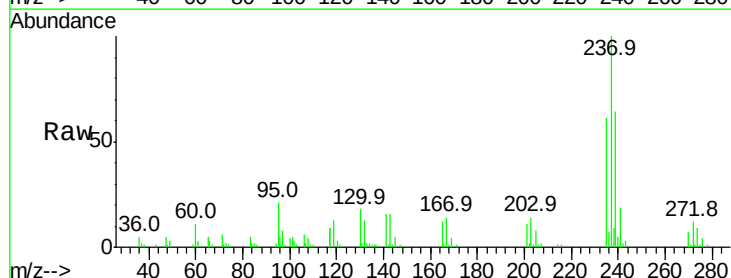
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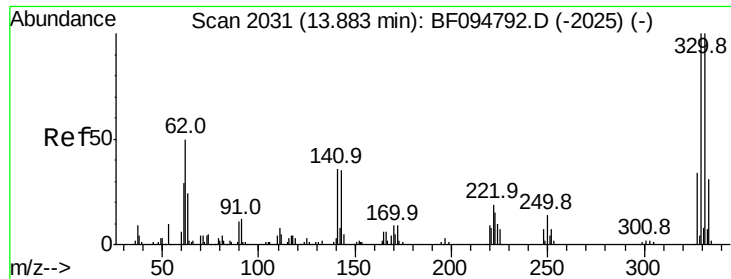
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#40
 Hexachlorocyclopentadiene
 Concen: 33.99 ng
 RT: 11.15 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	66795		
235	61.0	42.6	82.6	
272	11.7	0.0	31.9	





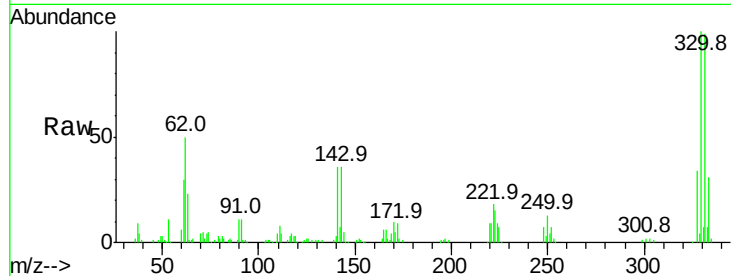
#41
 2,4,6-Tribromophenol
 Concen: 120.76 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Instrument :
 BNA_F
 ClientSampleId :
 PB98739BS

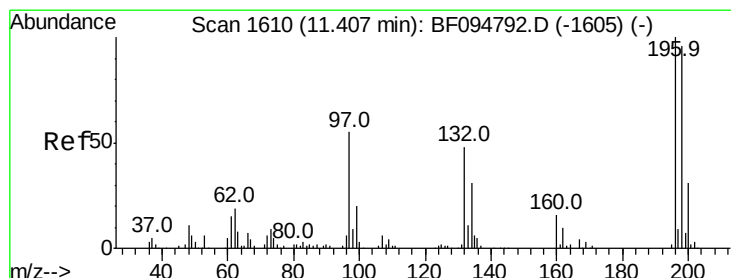
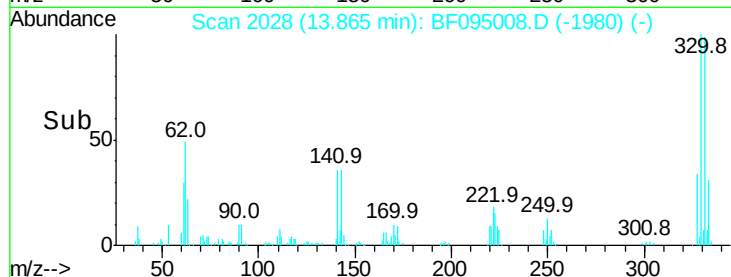
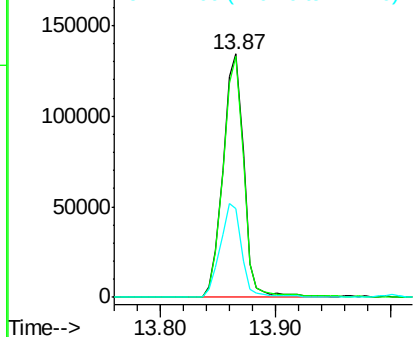
Tot Ion	Ratio	Resp	Lower	Upper
330	100	169094		
332	98.2	76.6	115.0	
141	39.8	31.4	47.2	

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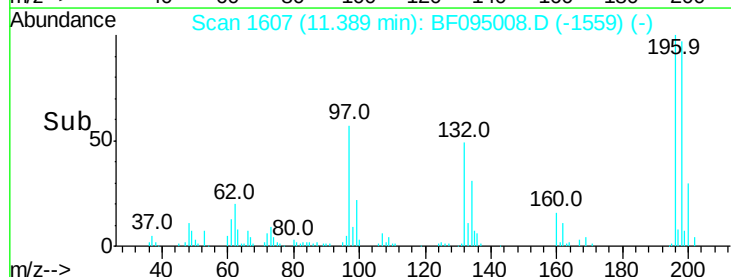
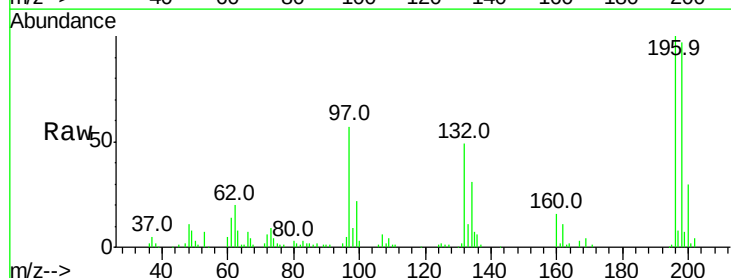
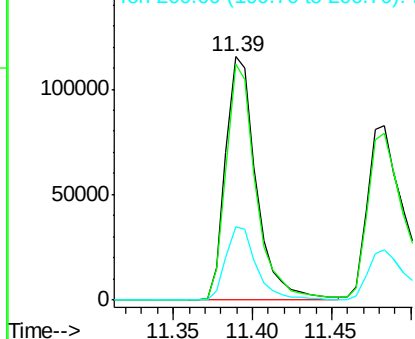
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

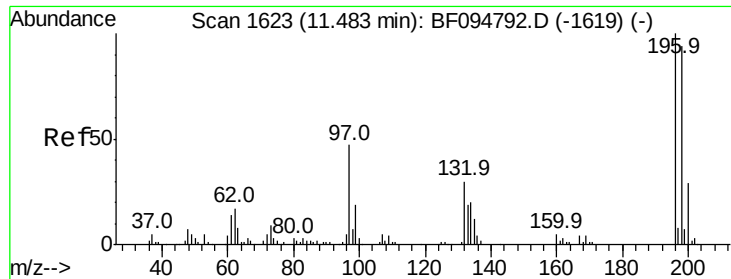


#42
 2,4,6-Trichlorophenol
 Concen: 44.43 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155968		
198	97.2	74.2	111.4	
200	30.3	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





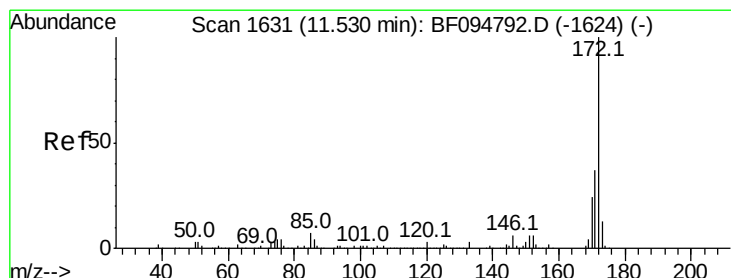
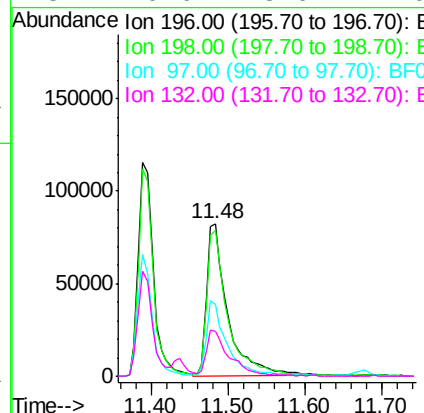
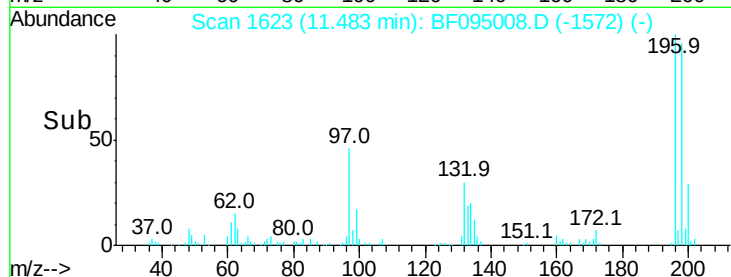
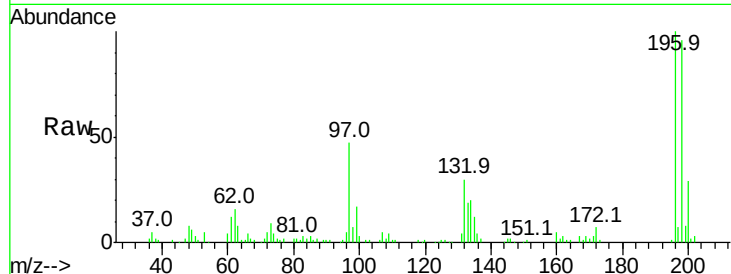
#43
 2,4,5-Trichlorophenol
 Concen: 41.58 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Instrument :
 BNA_F
 ClientSampleID :
 PB98739BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	156884		
198	95.7	75.7	113.5	
97	46.8	47.7	71.5#	
132	29.6	28.0	42.0	

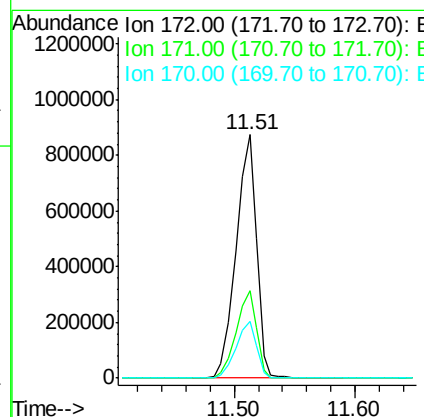
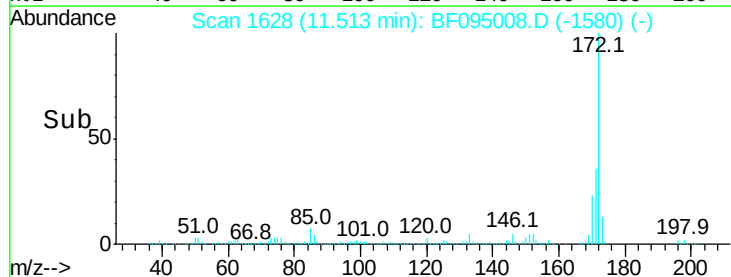
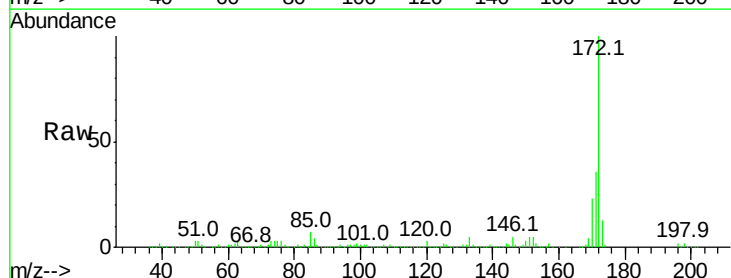
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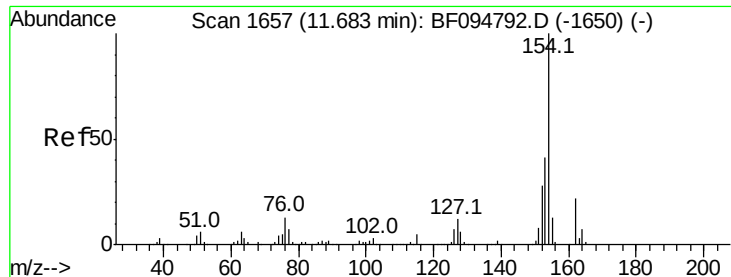
mohammad
 5/9/2017 5:03:07 PM



#44
 2-Fluorobiphenyl
 Concen: 86.88 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1032058		
171	35.9	29.6	44.4	
170	23.2	19.8	29.8	





#45

1,1'-Biphenyl

Concen: 42.76 ng

RT: 11.66 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

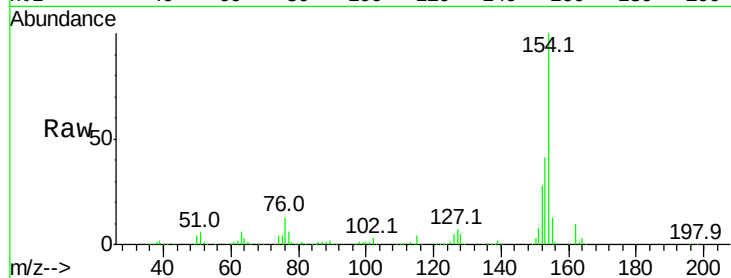
ClientSampleId :

PB98739BS

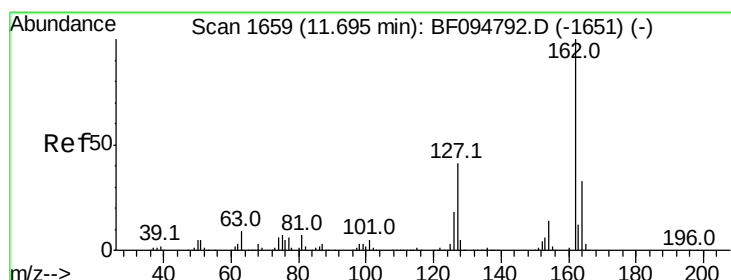
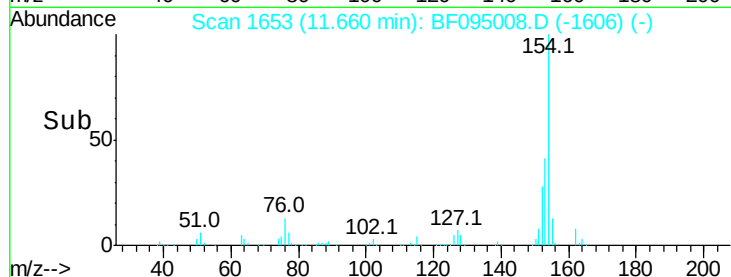
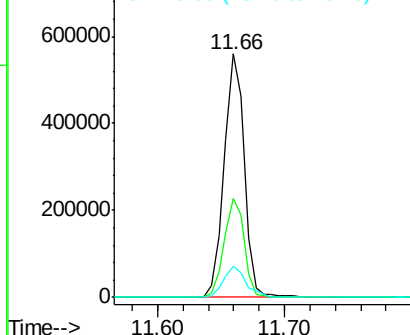
Tot Ion:	154	Resp:	615600
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.2	61.2
76	12.9	0.0	29.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.74 ng

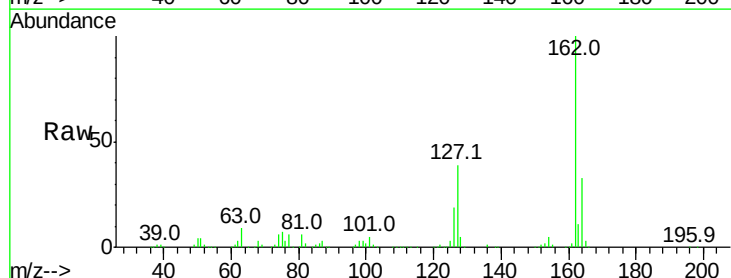
RT: 11.68 min Scan# 1656

Delta R.T. -0.02 min

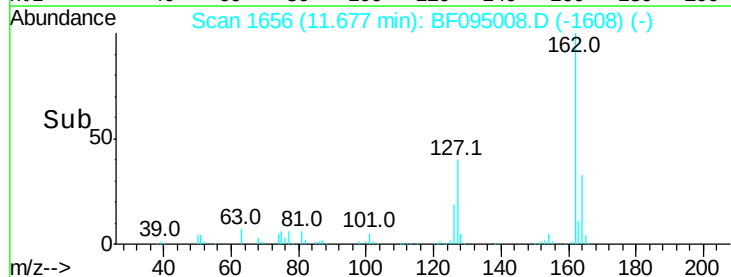
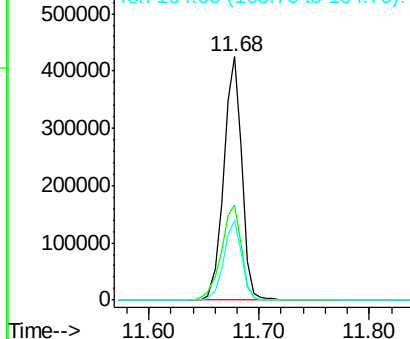
Lab File: BF095008.D

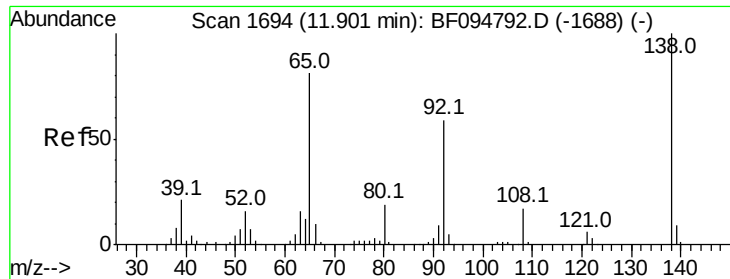
Acq: 9 May 2017 6:46

Tgt Ion:	162	Resp:	485144
Ion Ratio	Lower	Upper	
162	100		
127	39.3	28.3	42.5
164	32.5	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





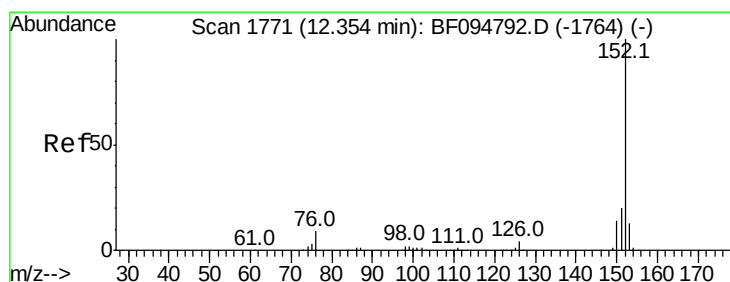
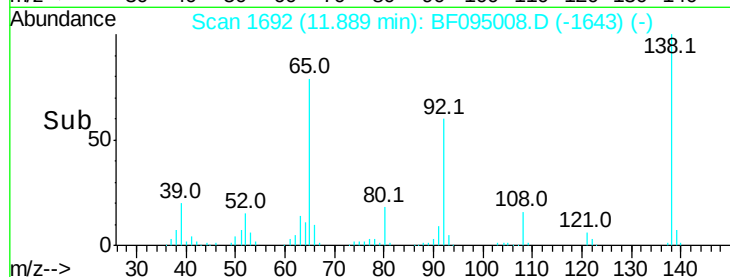
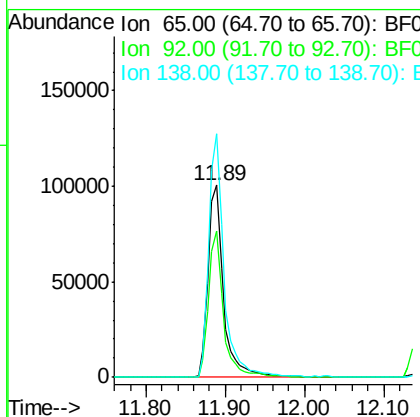
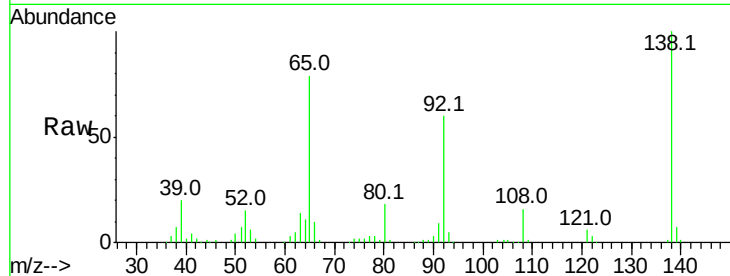
#47
 2-Nitroaniline
 Concen: 43.54 ng
 RT: 11.89 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Instrument :
 BNA_F
 ClientSampleId :
 PB98739BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.9	53.9	80.9
138	126.6	78.8	118.2#

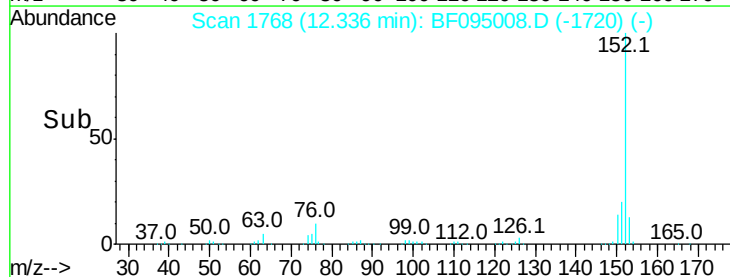
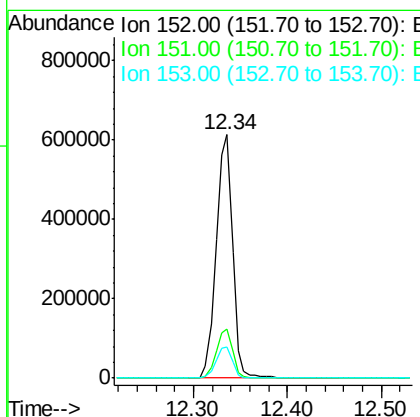
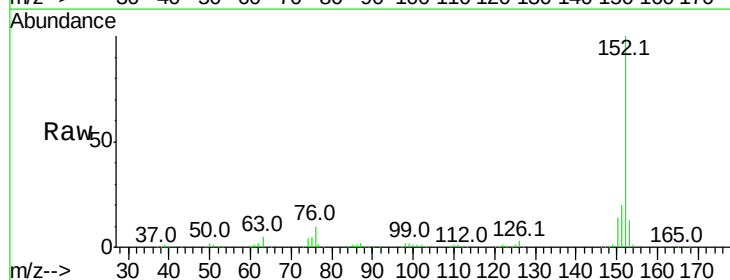
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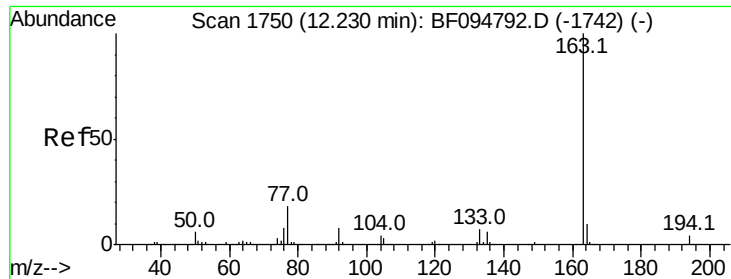
mohammad
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#48
 Acenaphthylene
 Concen: 41.27 ng
 RT: 12.34 min Scan# 1768
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	13.0	10.8	16.2





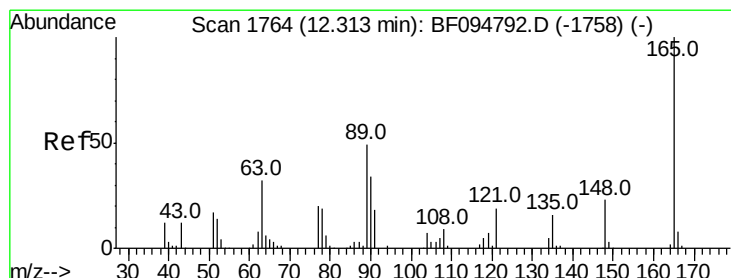
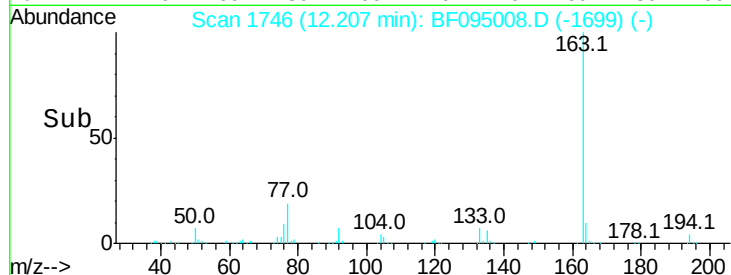
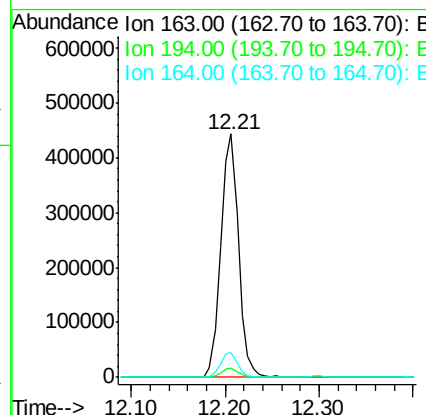
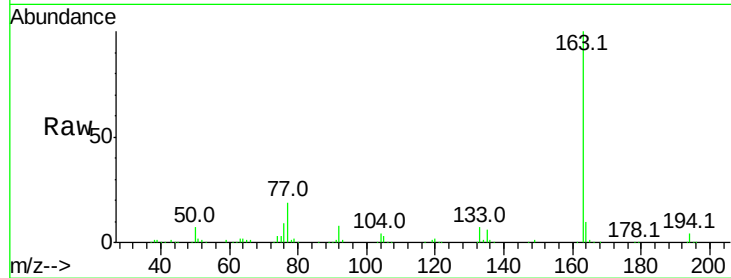
#49
Dimethylphthalate
Concen: 41.80 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampled :
PB98739BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	2.6	4.0
164	10.0	8.4	12.6

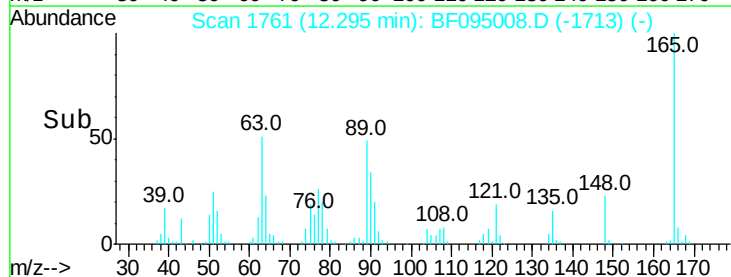
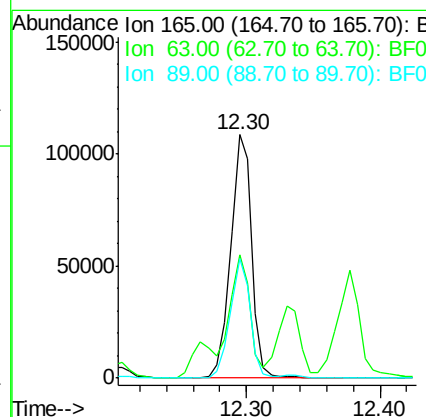
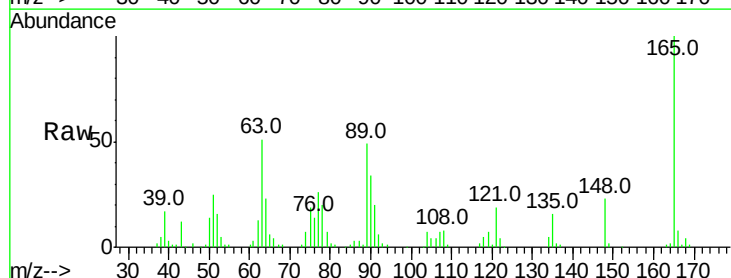
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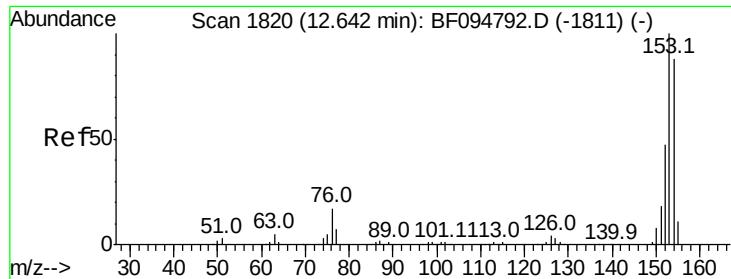
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#50
2,6-Dinitrotoluene
Concen: 42.01 ng
RT: 12.30 min Scan# 1761
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	50.9	34.3	51.5
89	49.1	37.1	55.7





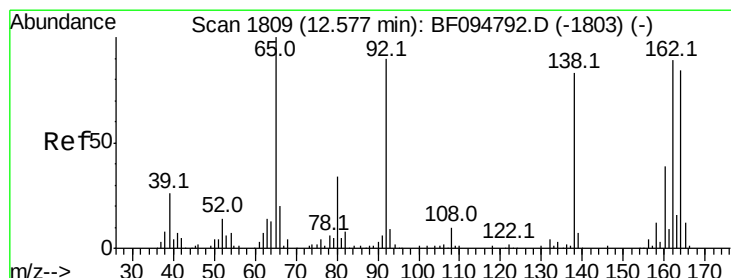
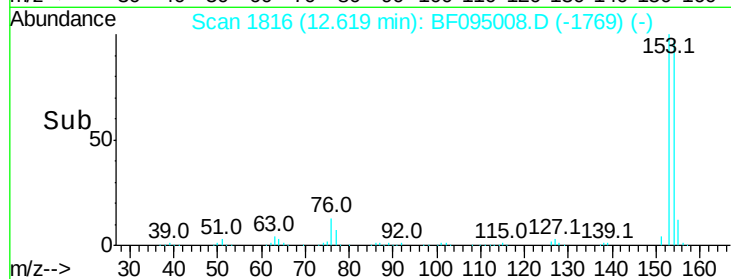
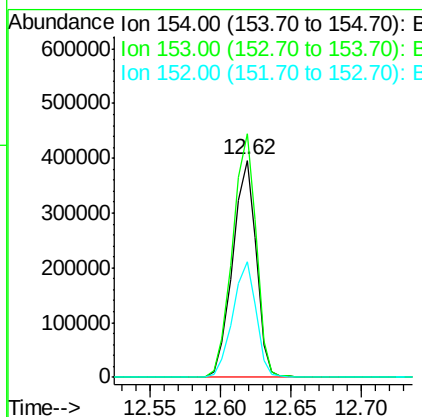
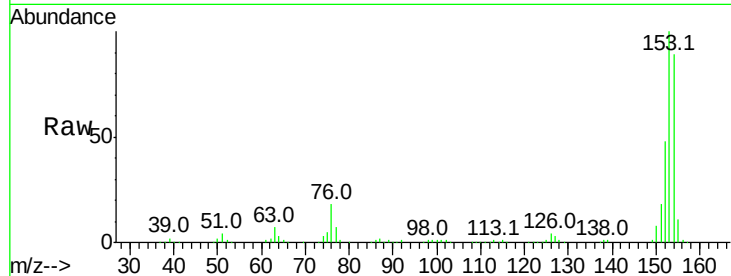
#51
Acenaphthene
Concen: 42.42 ng
RT: 12.62 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :
PB98739BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.5	135.7
152	53.4	43.6	65.4

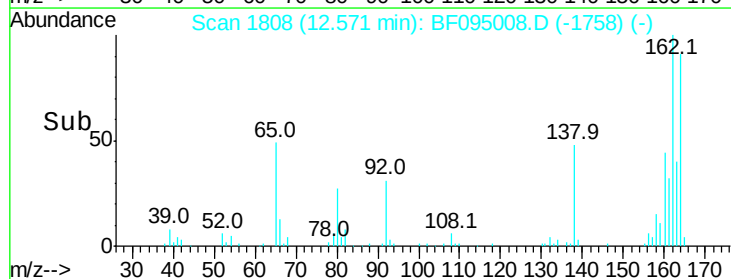
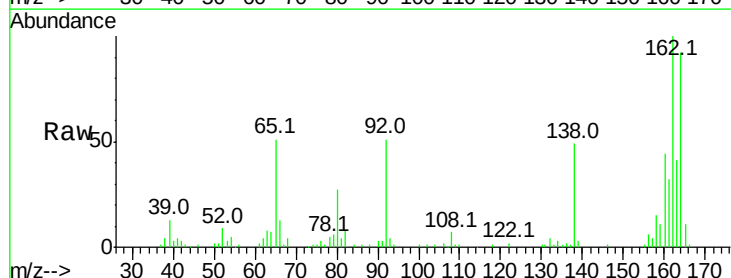
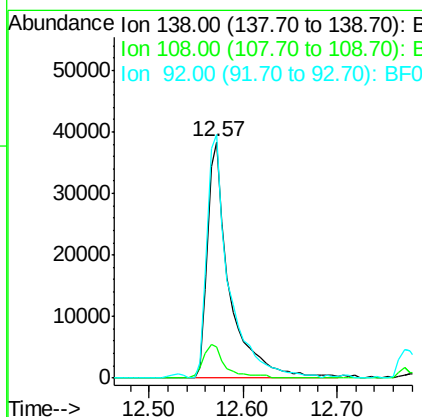
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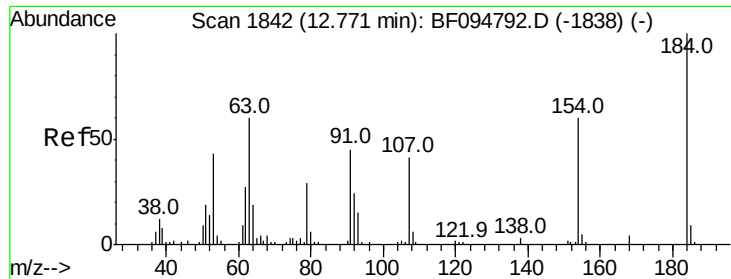
mohammad
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#52
3-Nitroaniline
Concen: 20.65 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.3	9.1	13.7
92	103.1	93.8	140.6





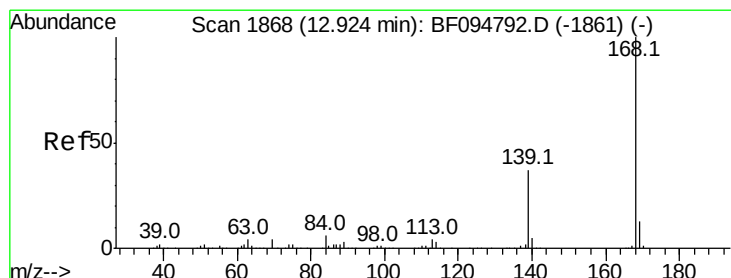
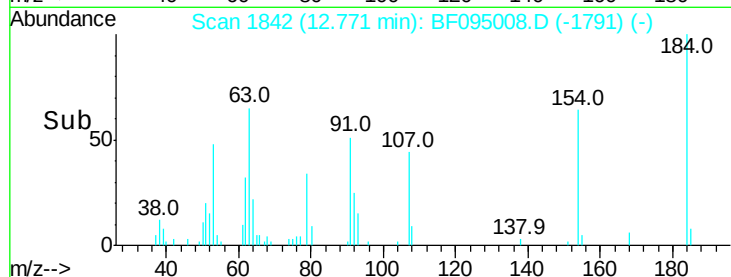
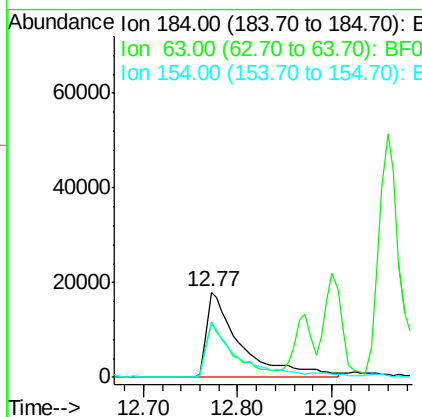
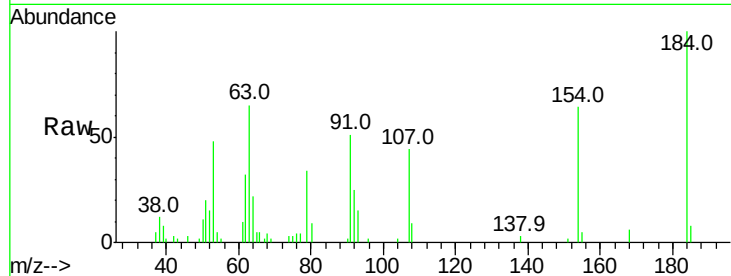
#53
 2,4-Dinitrophenol
 Concen: 32.90 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Instrument :
 BNA_F
 ClientSampleId :
 PB98739BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	45604		
63	64.7	62.7	94.1	
154	64.1	81.1	121.7	

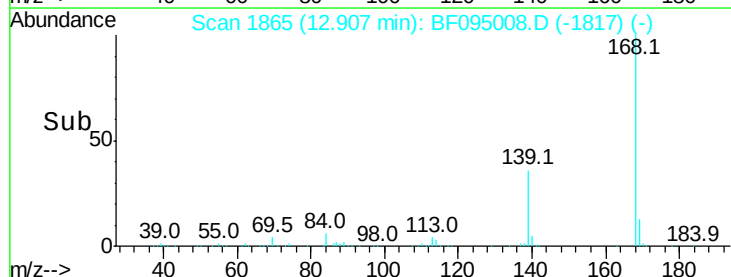
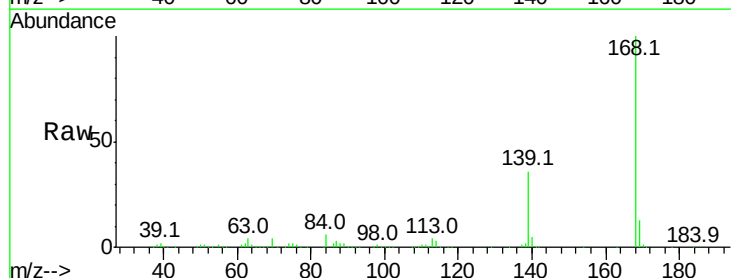
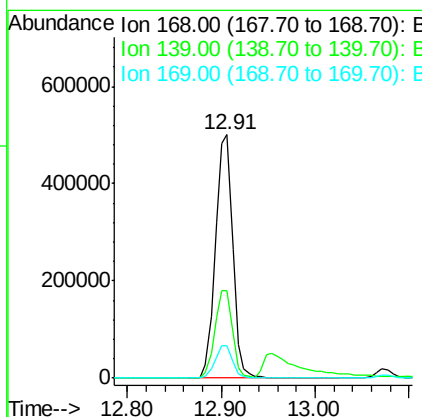
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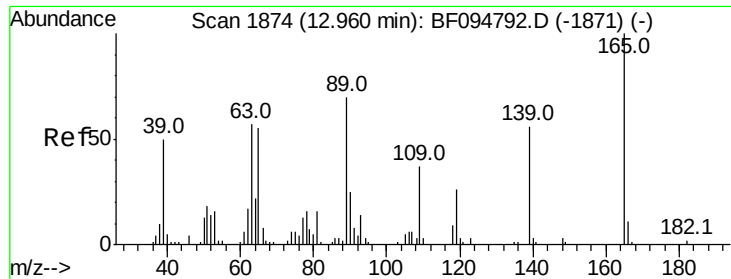
mohammad
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#54
 Dibenzofuran
 Concen: 43.03 ng
 RT: 12.91 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	647568		
139	35.9	30.6	45.8	
169	13.2	10.8	16.2	





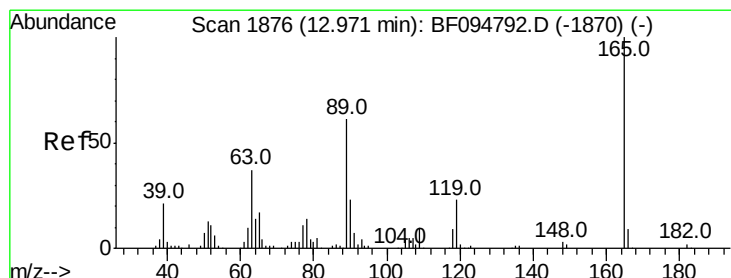
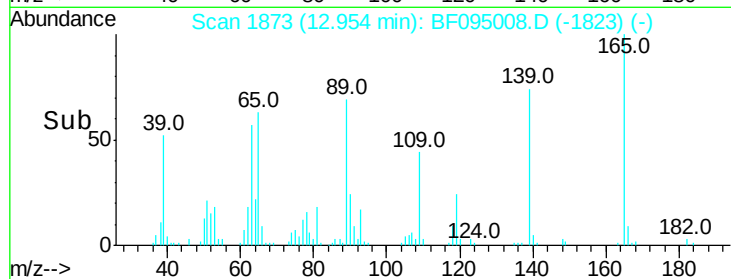
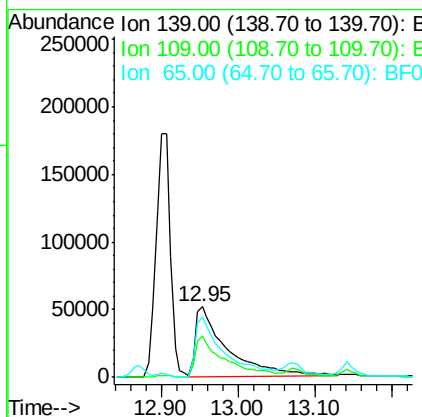
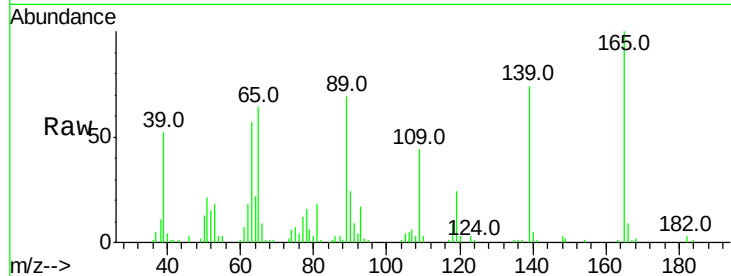
#55
4-Nitrophenol
Concen: 78.48 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleID :
PB98739BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	144881		
109	59.1	34.1	74.1	
65	86.0	31.4	71.4	

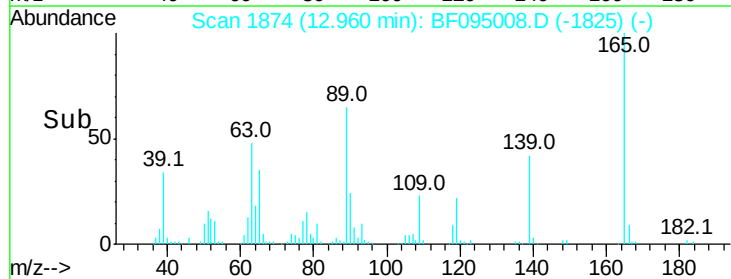
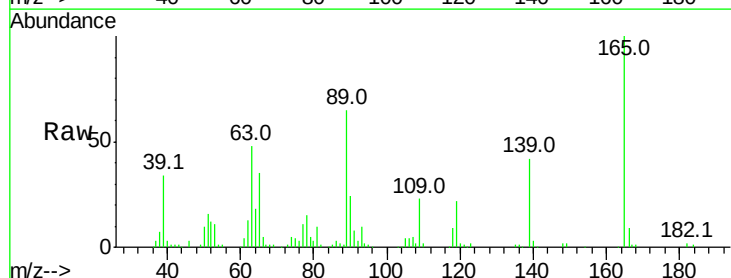
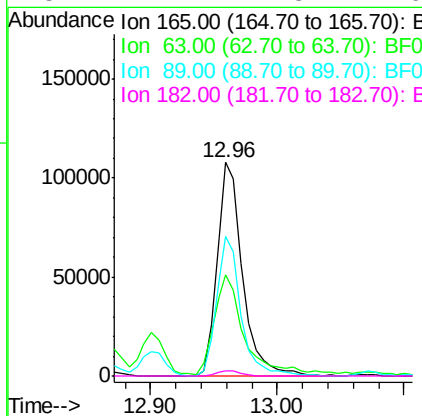
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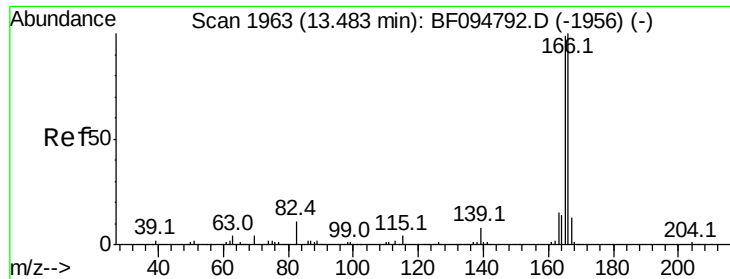
mohammad
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#56
2,4-Dinitrotoluene
Concen: 40.86 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	150345		
63	47.7	25.4	38.0	
89	65.2	46.4	69.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 40.14 ng

RT: 13.46 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

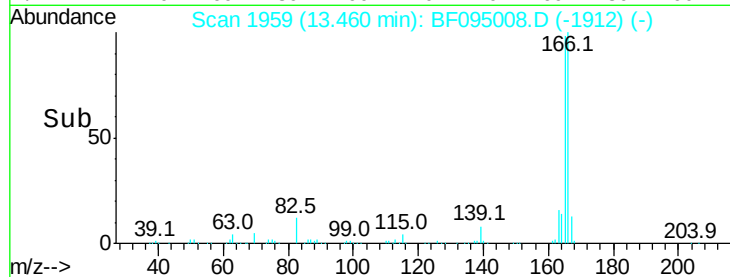
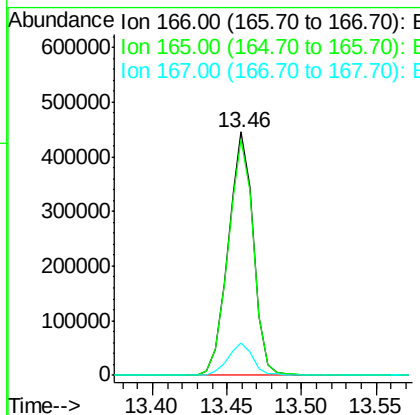
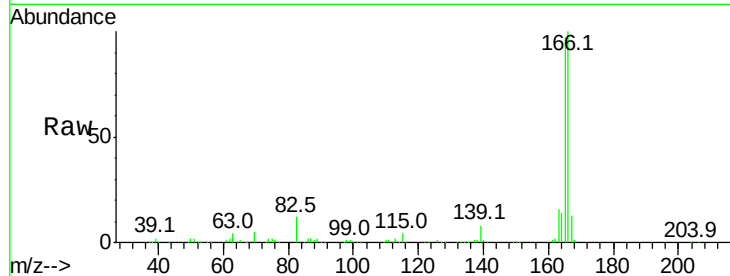
ClientSampleId :

PB98739BS

Tot Ion:	166	Resp:	525251
Ion Ratio	Lower	Upper	
166	100		
165	97.2	78.8	118.2
167	13.4	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.16 ng

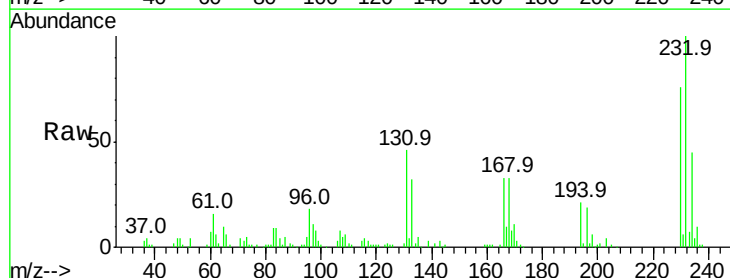
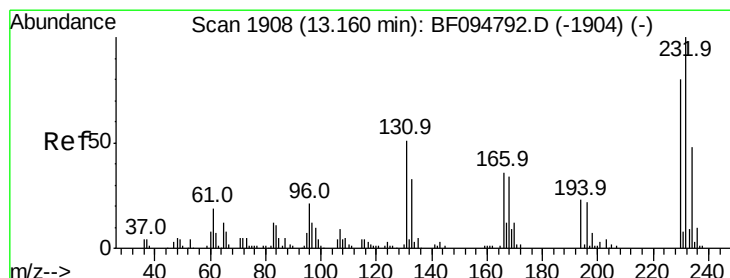
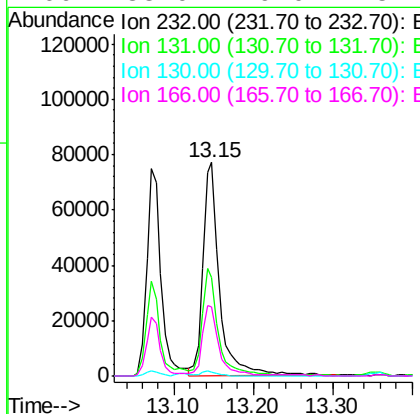
RT: 13.15 min Scan# 1906

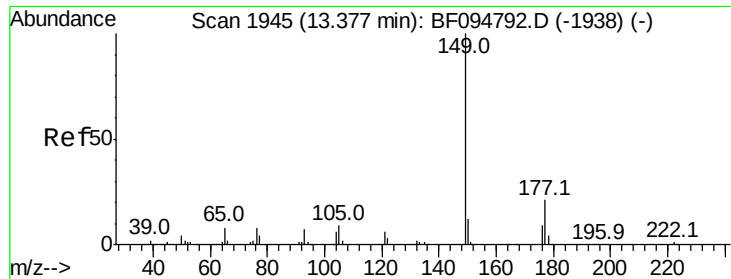
Delta R.T. -0.01 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Tgt Ion:	232	Resp:	111997
Ion Ratio	Lower	Upper	
232	100		
131	48.3	44.8	67.2
130	2.2	2.3	3.5#
166	33.0	29.0	43.4





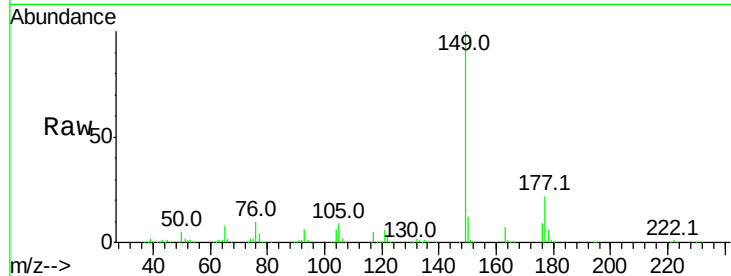
#59
Diethylphthalate
Concen: 39.14 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :
PB98739BS

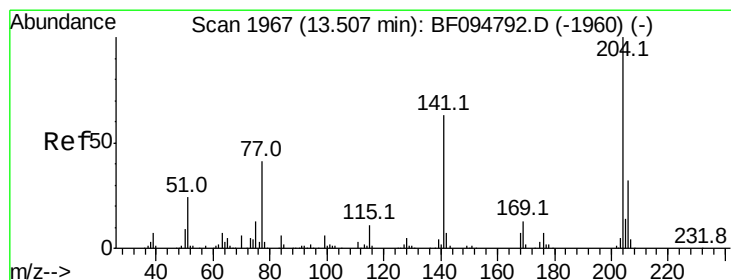
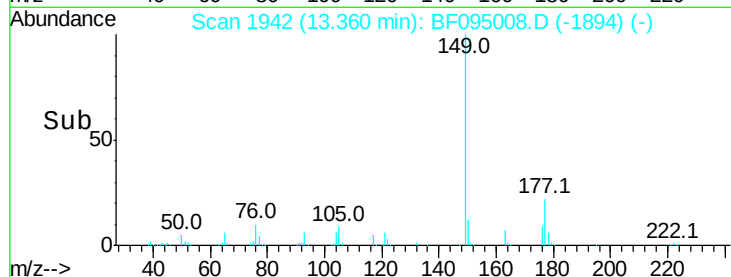
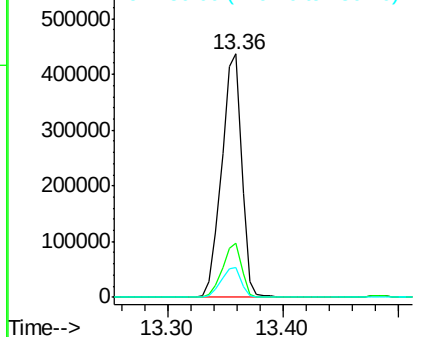
Tot Ion	Ratio	Resp	Lower	Upper
149	100	526622		
177	22.1	16.7	25.1	
150	12.3	10.2	15.2	

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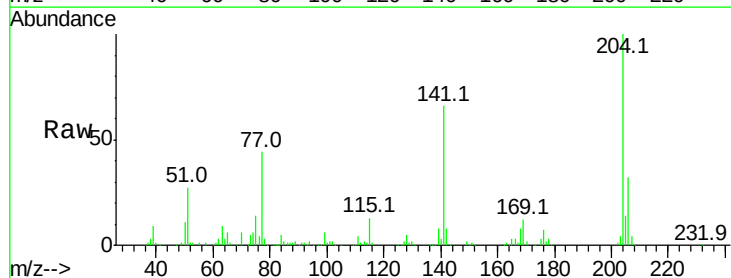


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

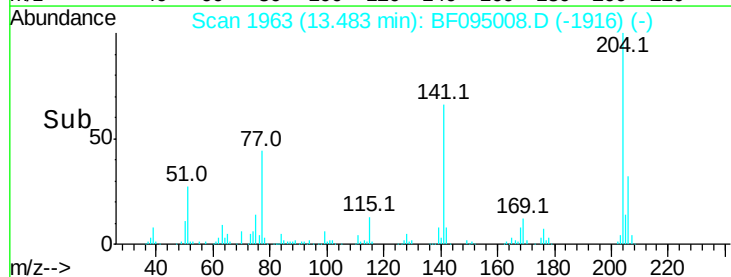
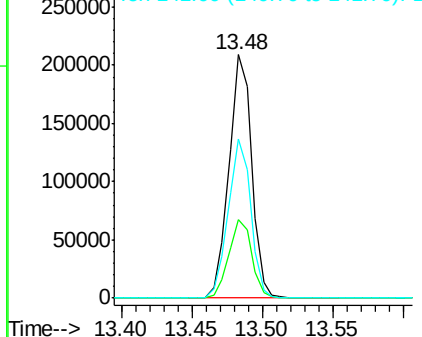


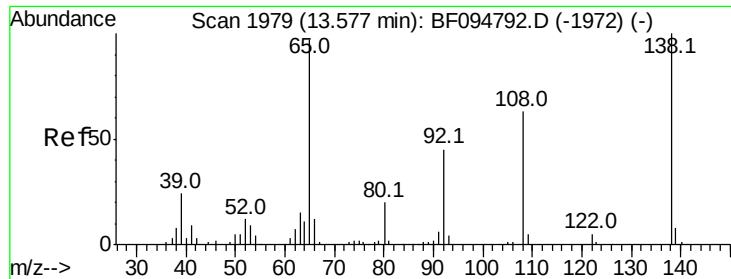
#60
4-Chlorophenyl-phenylether
Concen: 40.86 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	234972		
206	32.1	26.2	39.2	
141	65.6	60.8	91.2	



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





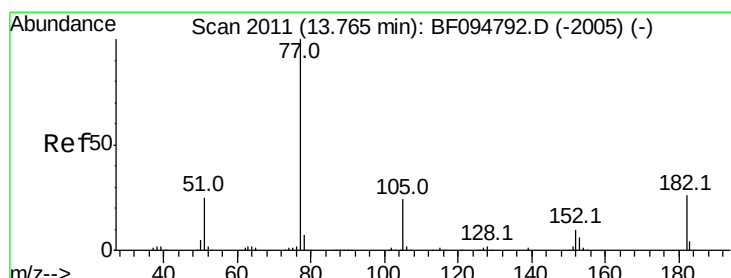
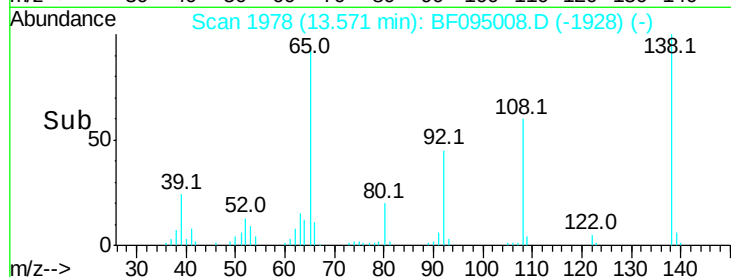
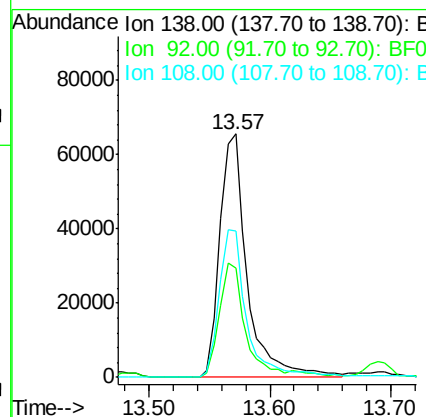
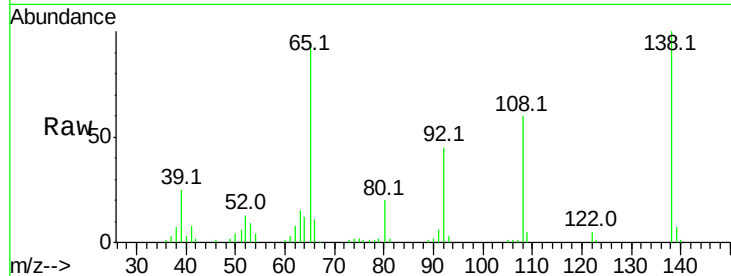
#61
4-Nitroaniline
Concen: 36.43 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampled :
PB98739BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	44.8	21.8	61.8	
108	60.3	42.3	82.3	

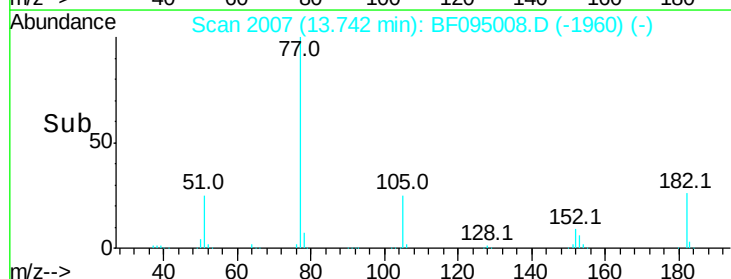
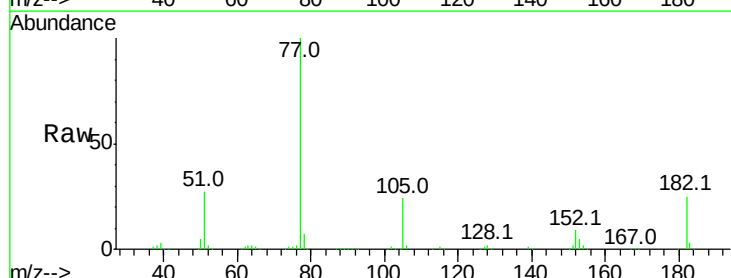
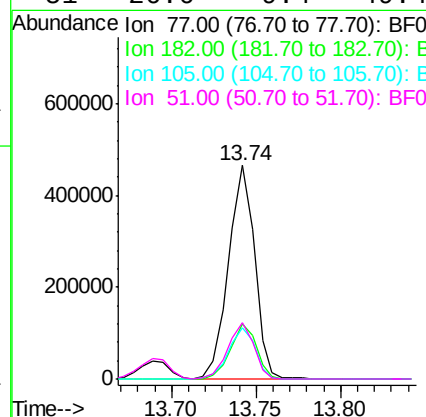
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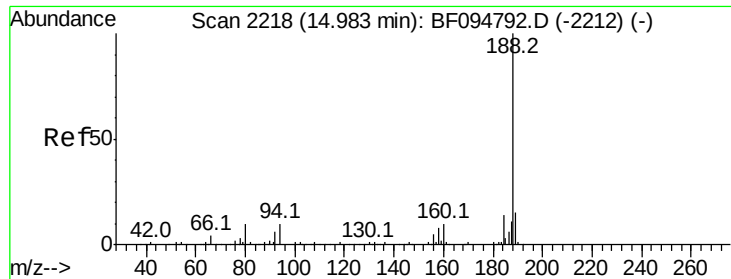
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#62
Azobenzene
Concen: 46.42 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.5	0.1	40.1	
105	24.1	3.6	43.6	
51	26.6	9.4	49.4	





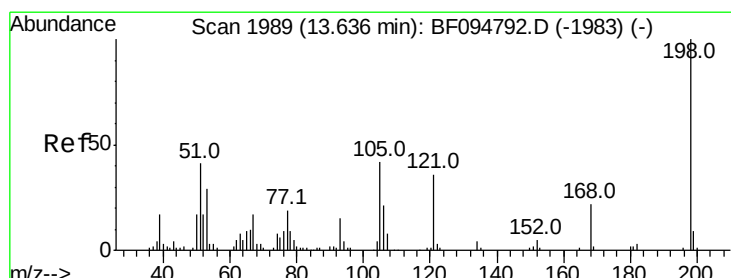
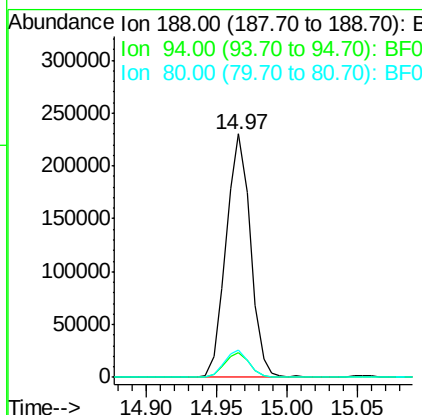
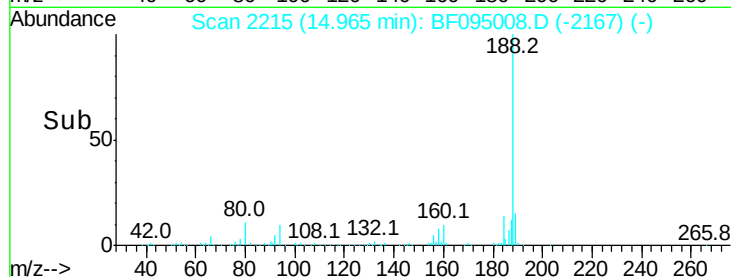
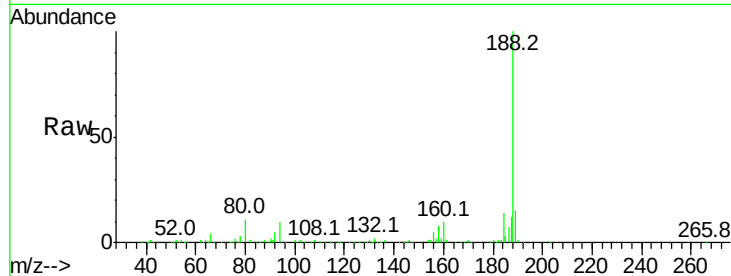
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :
PB98739BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.3	9.4	14.2
80	11.3	10.2	15.2

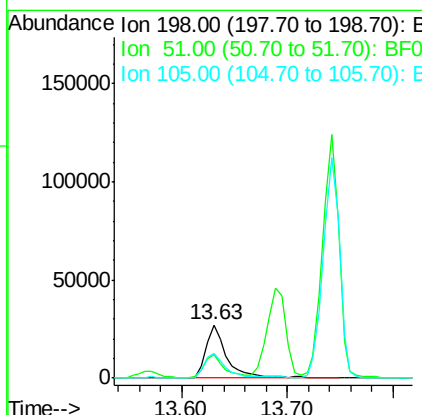
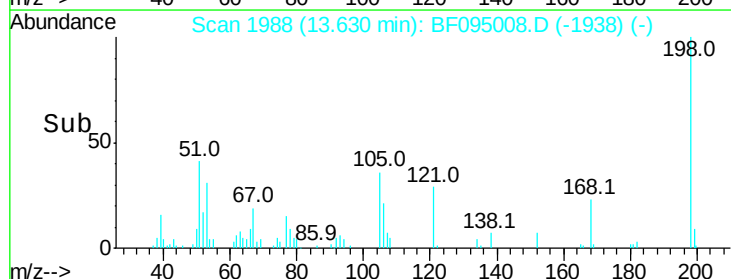
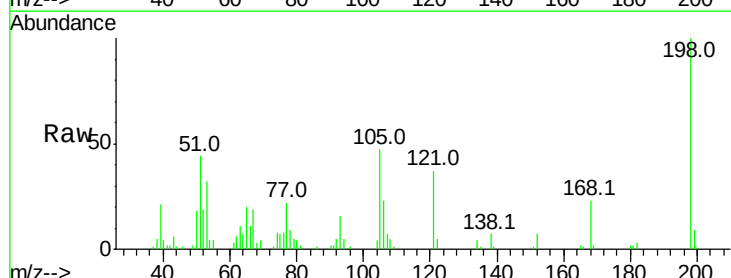
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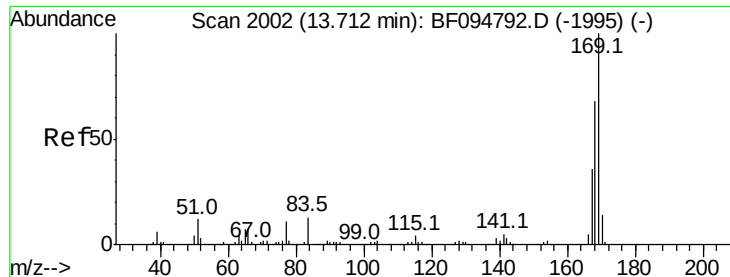
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#64
4,6-Dinitro-2-methylphenol
Concen: 19.98 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.4	53.2	93.2#
105	47.2	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 46.70 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

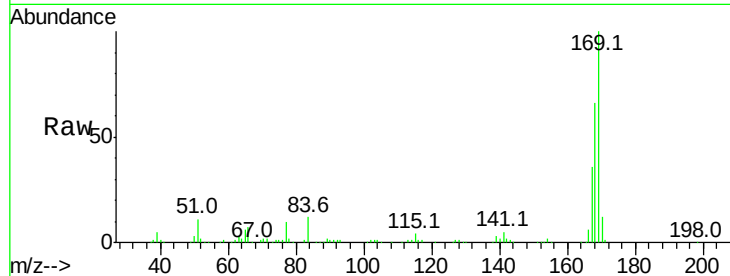
ClientSampleId :

PB98739BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	469861		
168	65.9	53.2	79.8	
167	36.0	29.5	44.3	

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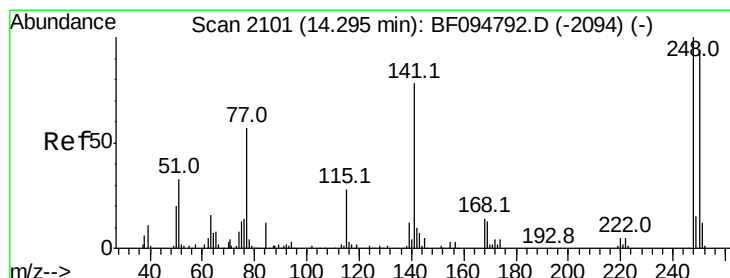
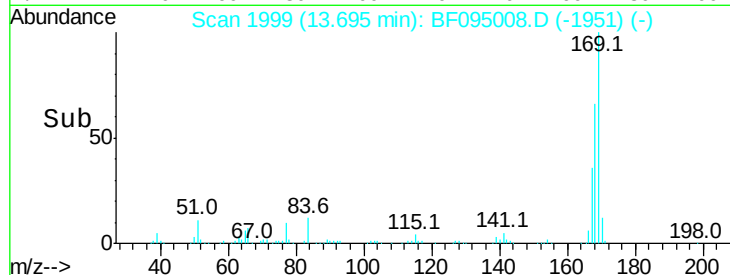
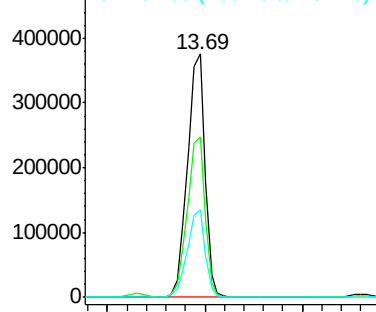


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.05 ng

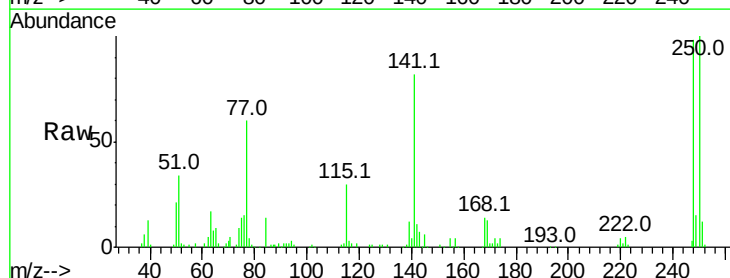
RT: 14.27 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	129017		
250	102.6	76.8	115.2	
141	84.4	68.6	103.0	

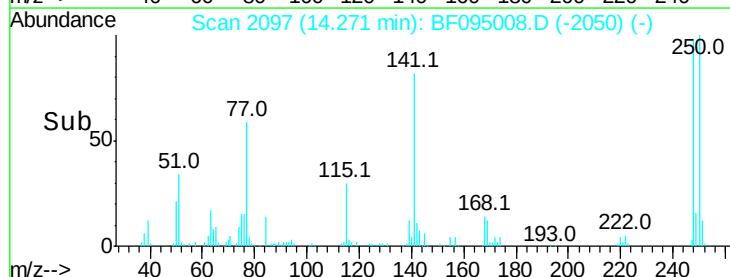
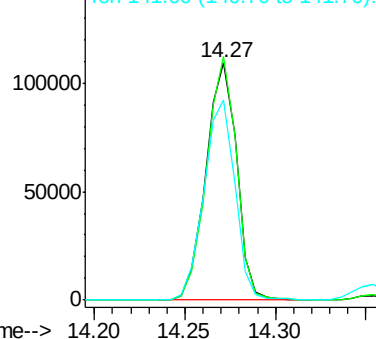


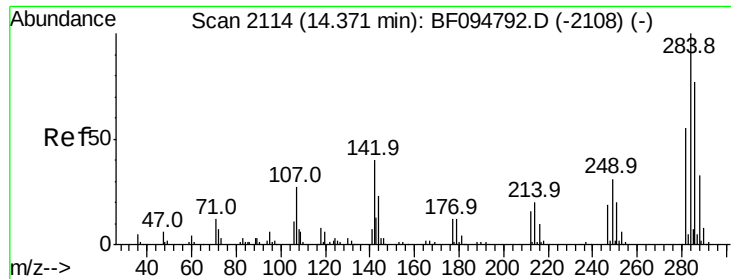
Abundance

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





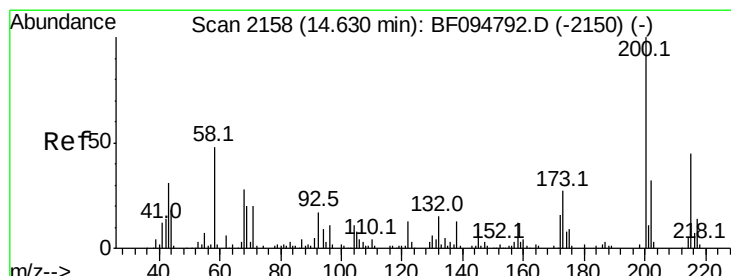
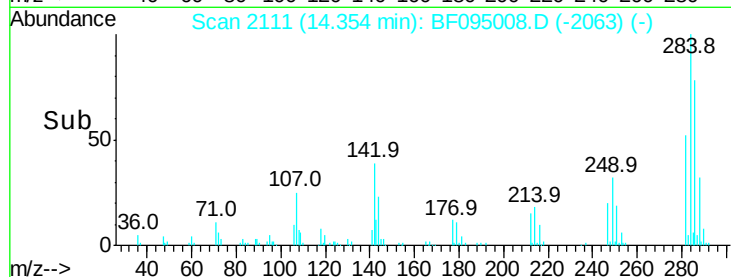
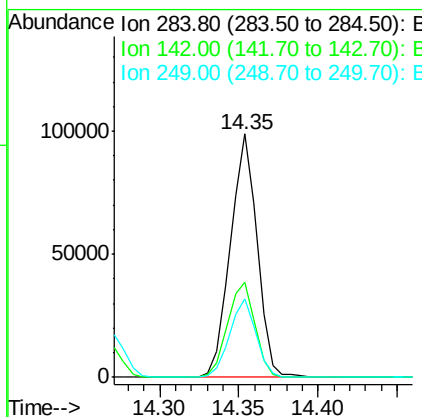
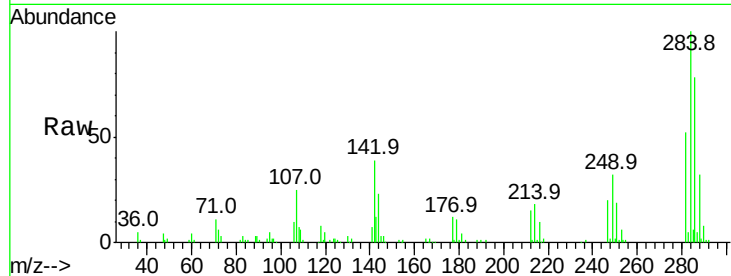
#67
Hexachlorobenzene
Concen: 38.48 ng
RT: 14.35 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :
PB98739BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.2	22.8	34.2	
249	32.4	24.0	36.0	

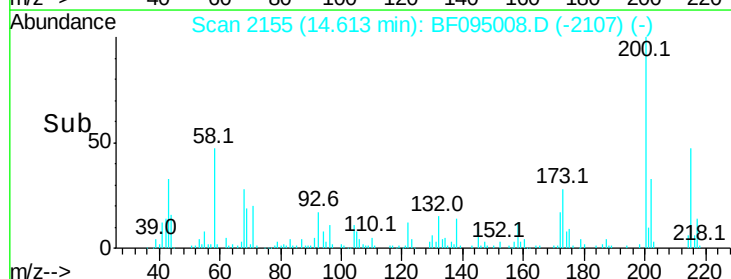
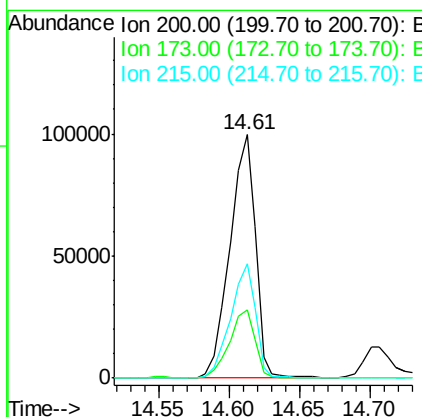
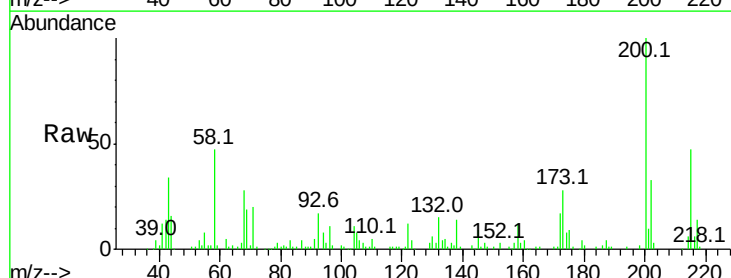
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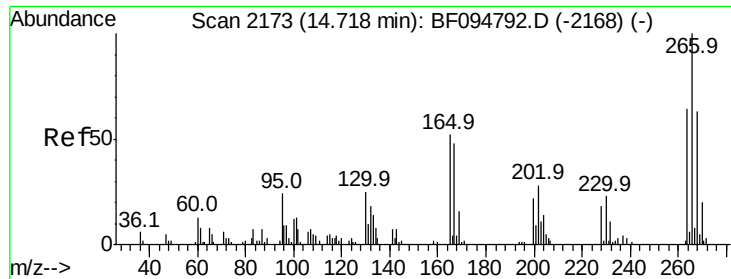
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#68
Atrazine
Concen: 44.35 ng
RT: 14.61 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.2	6.3	46.3	
215	47.0	27.2	67.2	





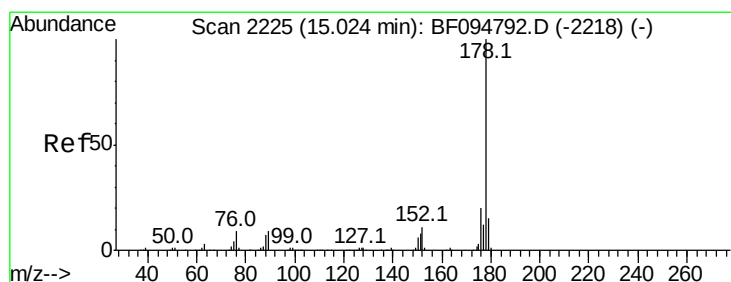
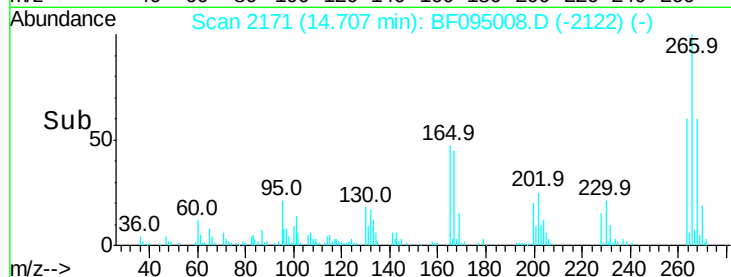
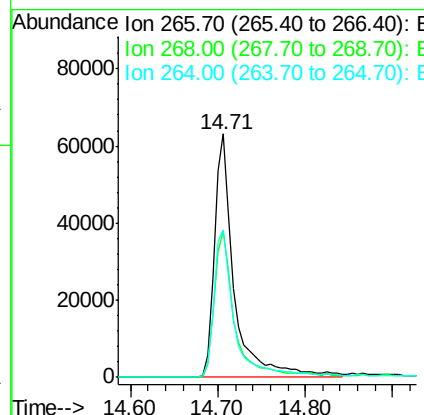
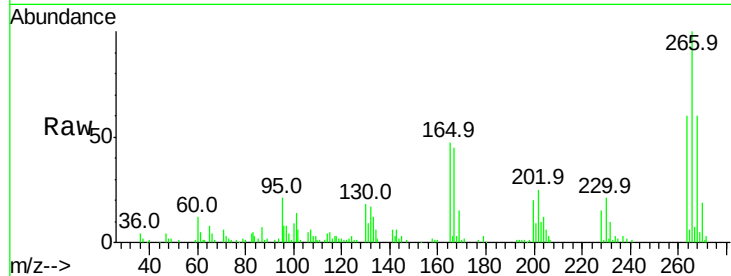
#69
 Pentachlorophenol
 Concen: 73.82 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Instrument :
 BNA_F
 ClientSampleId :
 PB98739BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	99522		
268	60.0		51.1	76.7
264	60.5		51.7	77.5

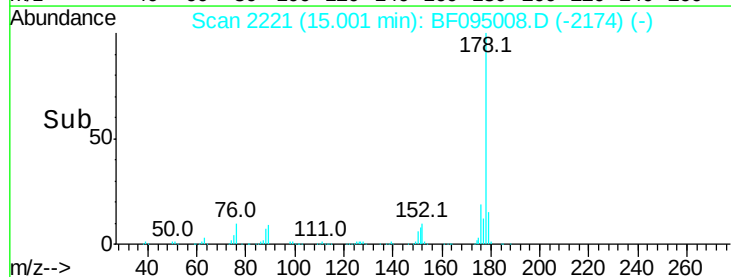
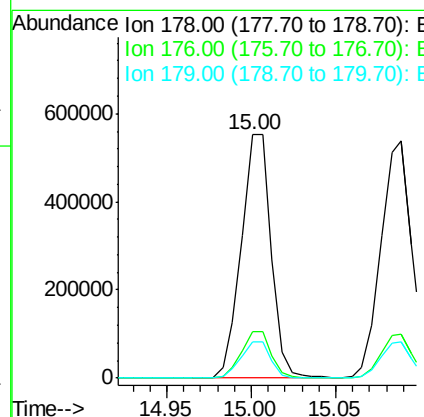
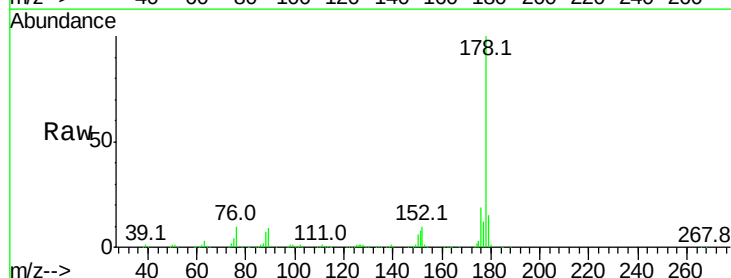
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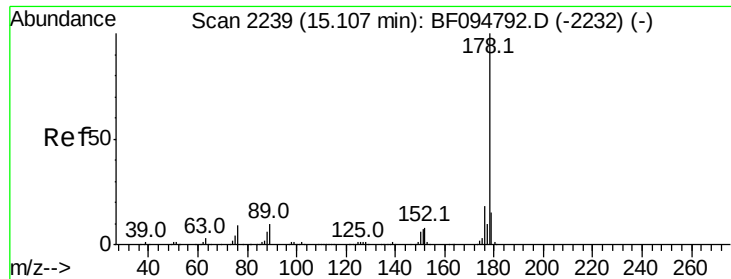
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#70
 Phenanthrene
 Concen: 42.96 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	684244		
176	18.9		16.2	24.4
179	14.8		12.6	19.0





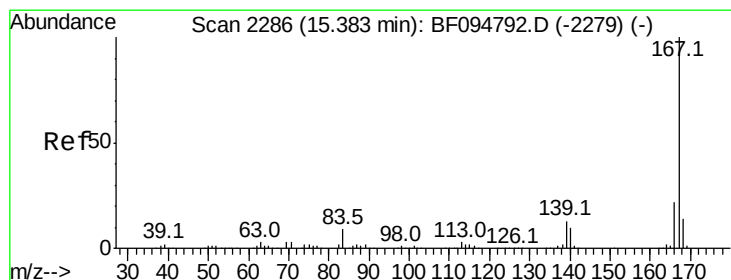
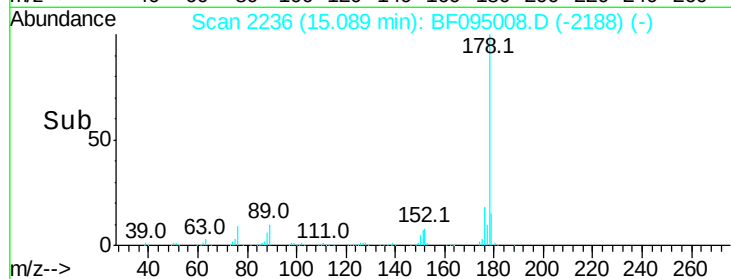
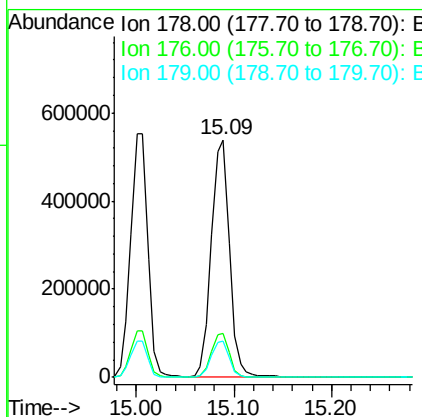
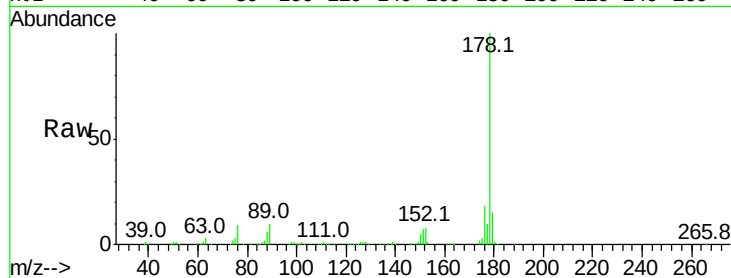
#71
 Anthracene
 Concen: 43.07 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Instrument :
 BNA_F
 ClientSampleId :
 PB98739BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.0	12.7	19.1

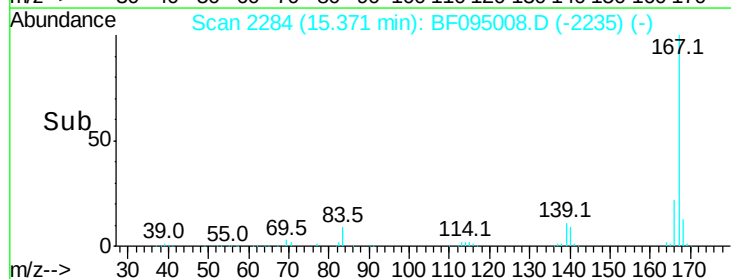
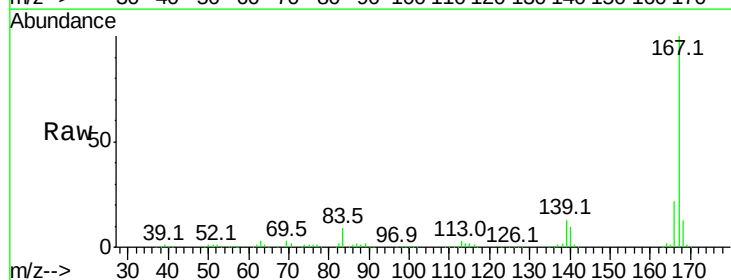
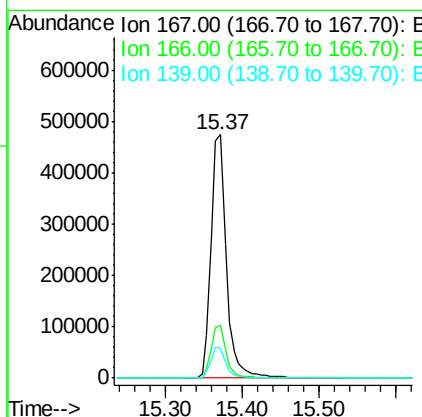
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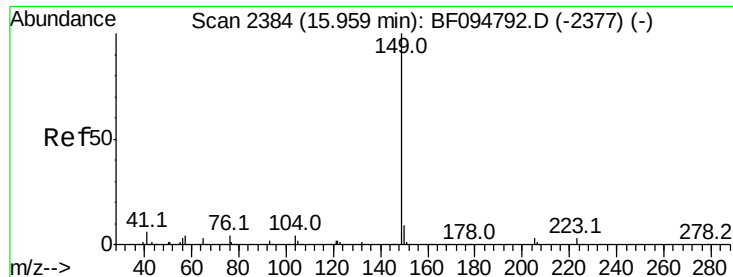
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#72
 Carbazole
 Concen: 43.73 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.1	27.1
139	12.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 43.85 ng

RT: 15.94 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

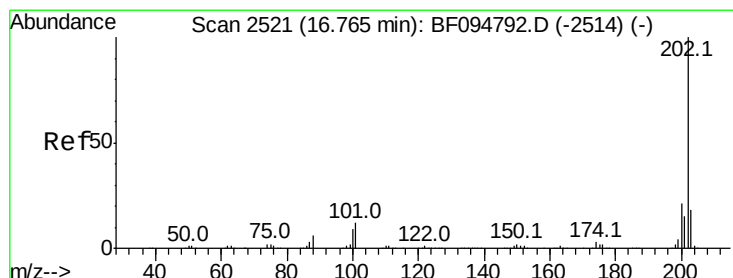
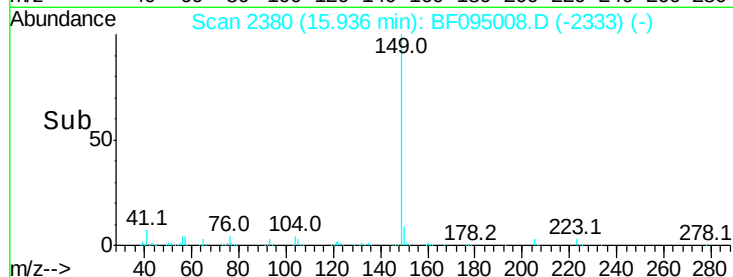
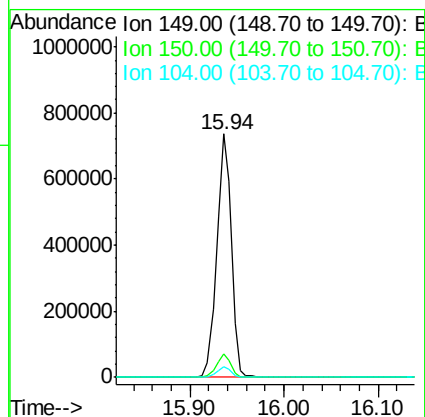
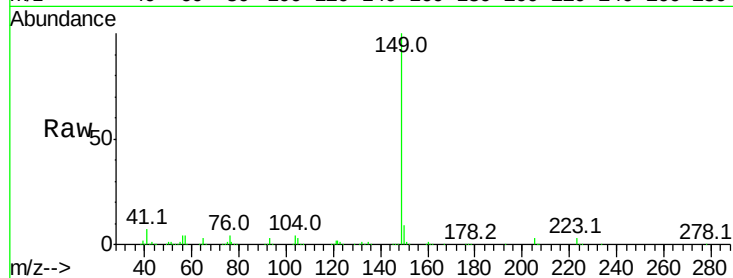
ClientSampleId :

PB98739BS

Tot Ion:	149	Resp:	809544
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	4.1	4.0	6.0

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#74

Fluoranthene

Concen: 38.04 ng

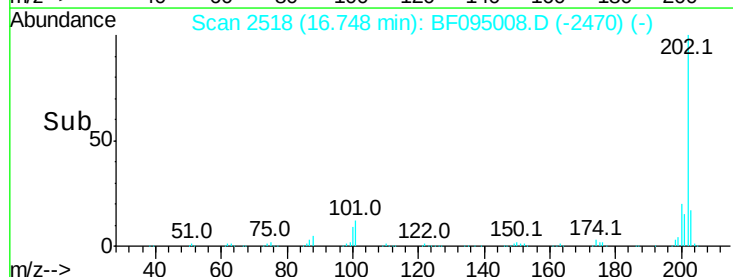
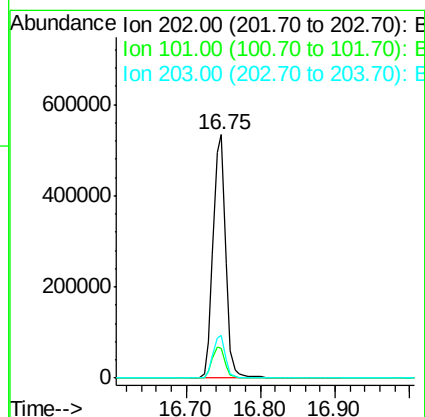
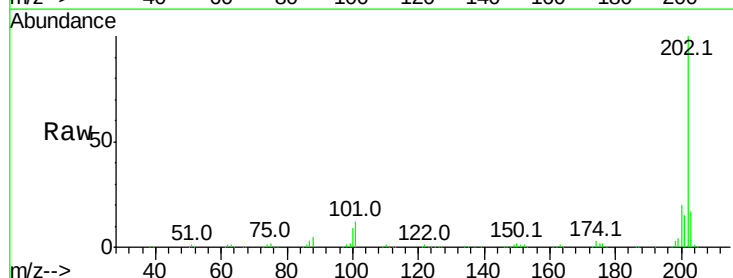
RT: 16.75 min Scan# 2518

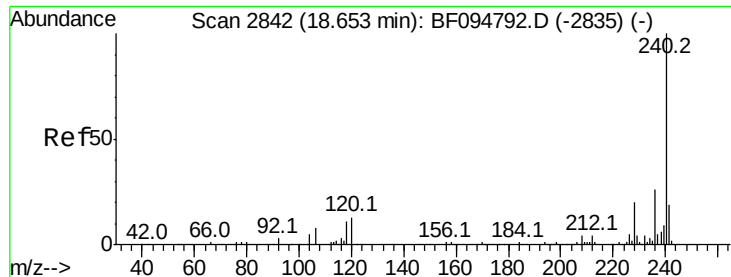
Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Tgt Ion:	202	Resp:	621564
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	33.2
203	17.3	0.0	38.1





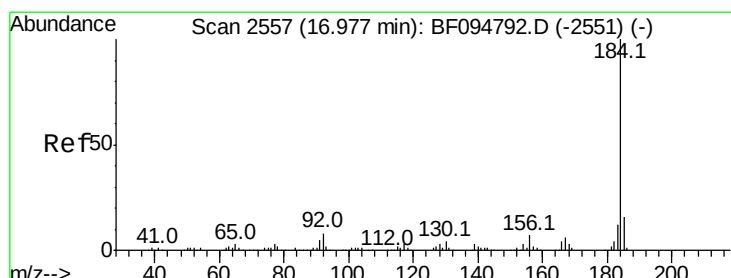
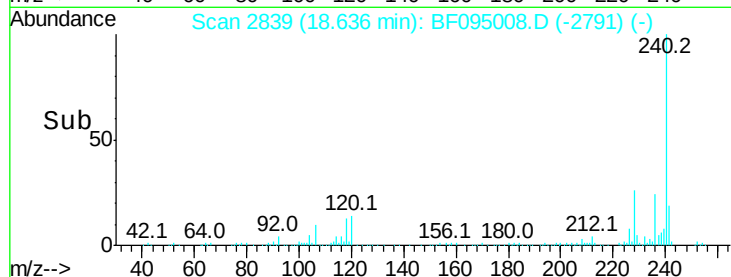
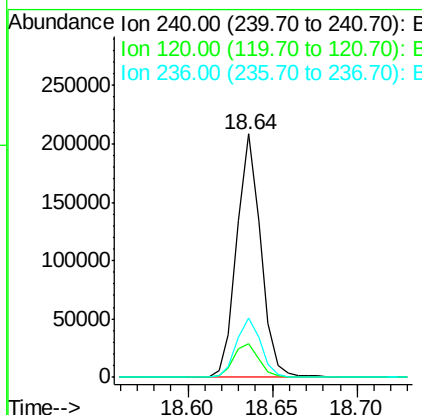
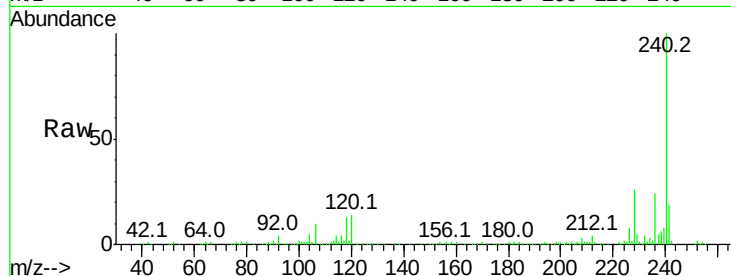
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Instrument :
 BNA_F
 ClientSampleID :
 PB98739BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	24.1	20.5	30.7

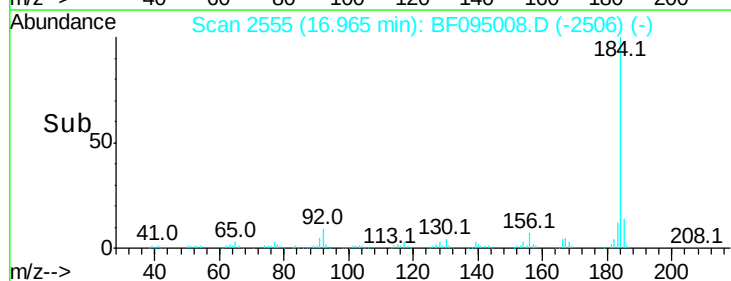
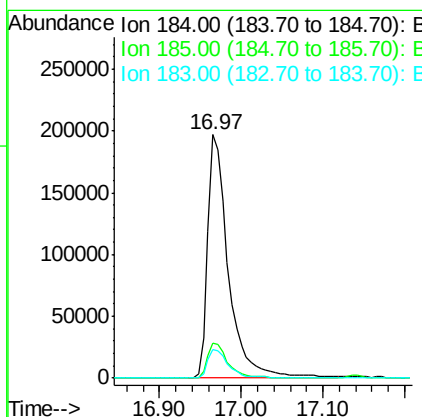
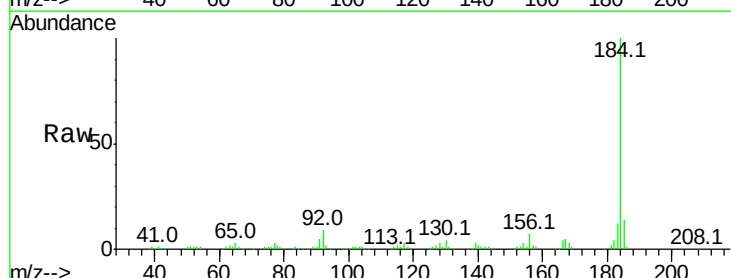
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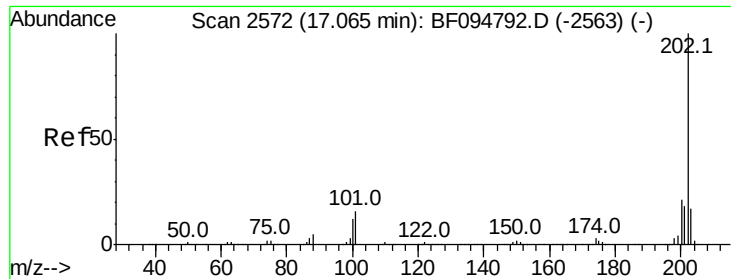
mohammad
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#76
 Benzidine
 Concen: 60.34 ng
 RT: 16.97 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	15.5	23.3#
183	11.9	9.8	14.6





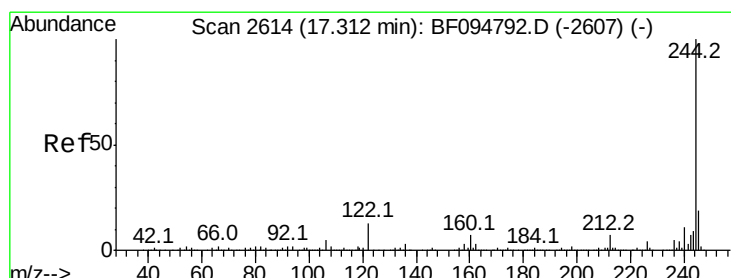
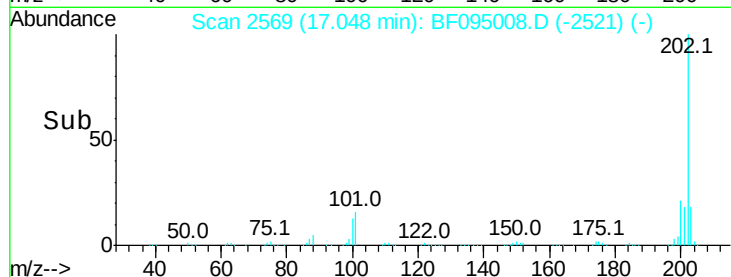
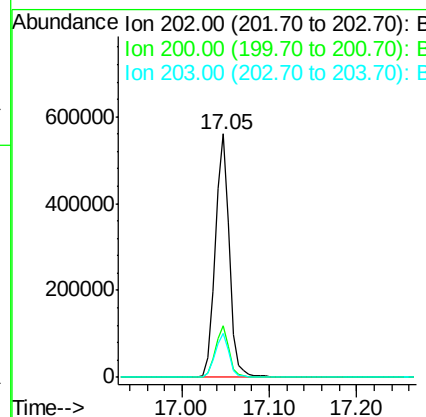
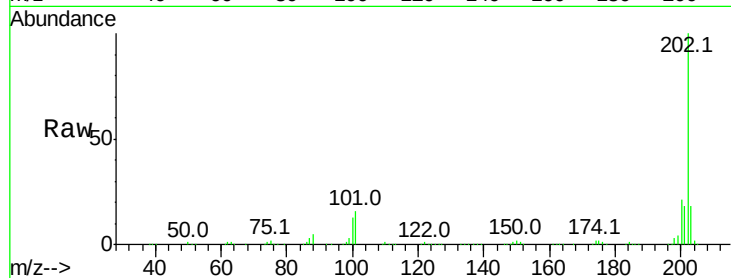
#77
Pvrene
Concen: 40.56 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :
PB98739BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.1	14.4	21.6

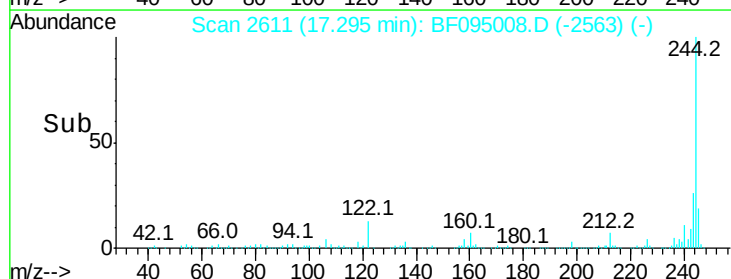
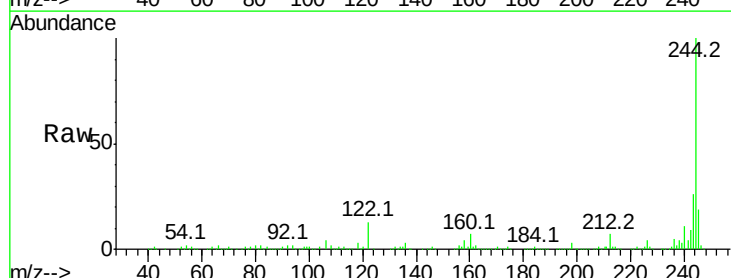
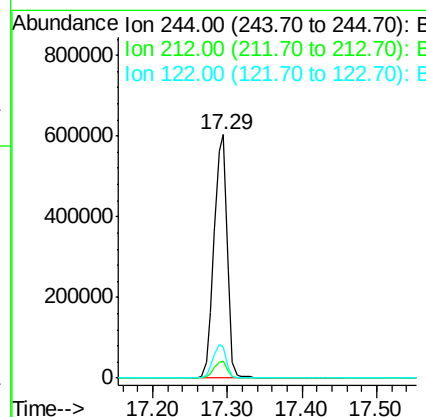
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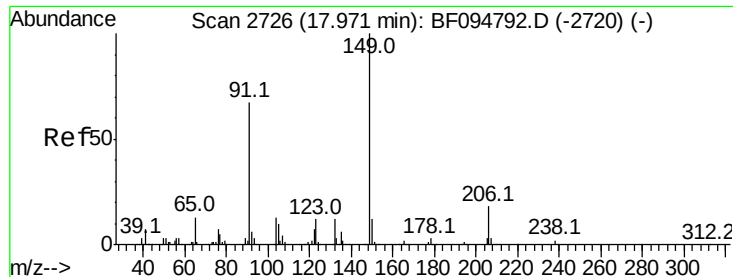
mohammad
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#78
Terphenyl-d14
Concen: 78.12 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.0	10.3	15.5





#79

Butylbenzylphthalate

Concen: 42.84 ng

RT: 17.95 min Scan# 2722

Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

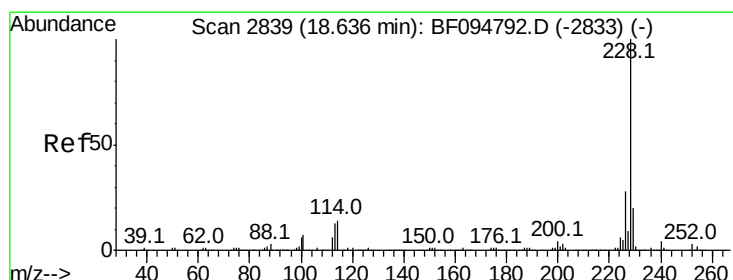
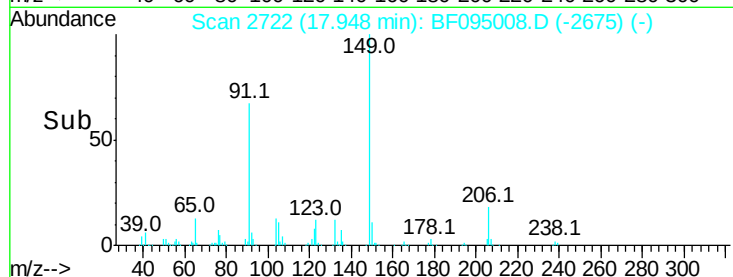
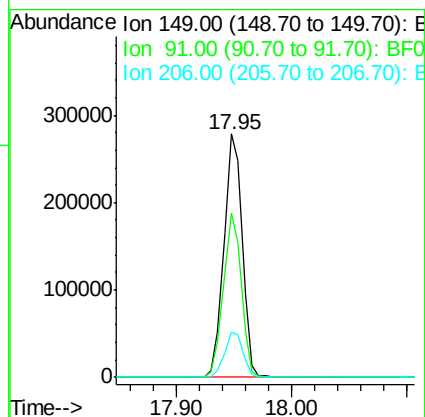
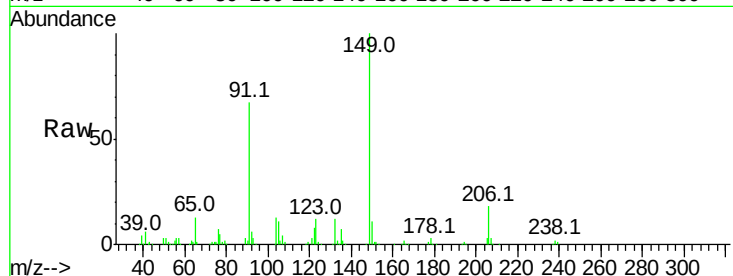
ClientSampleId :

PB98739BS

Tot Ion:	149	Resp:	307836
Ion Ratio	Lower	Upper	
149	100		
91	67.5	45.0	67.4#
206	18.3	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 42.24 ng

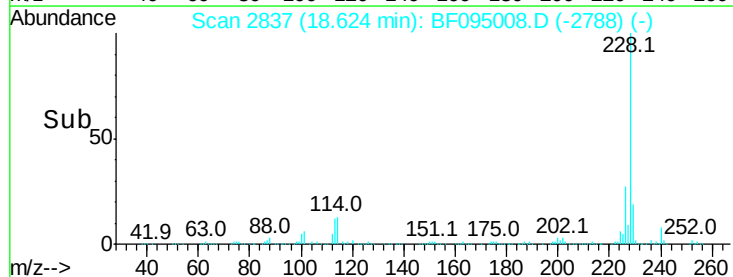
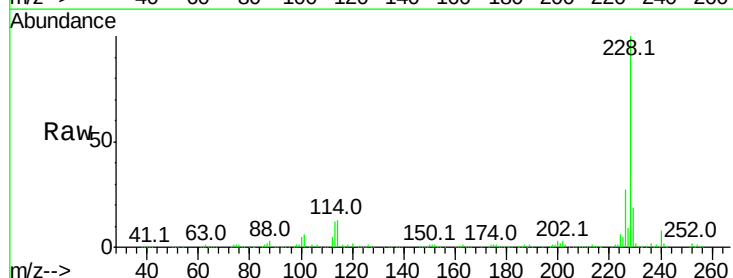
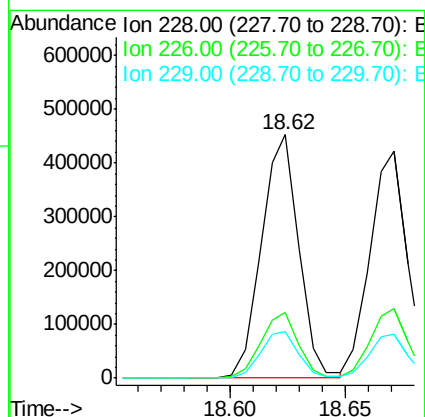
RT: 18.62 min Scan# 2837

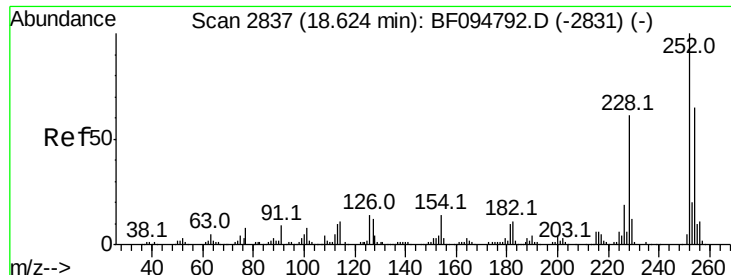
Delta R.T. -0.01 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Tgt Ion:	228	Resp:	507844
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.6	33.8
229	19.1	16.3	24.5





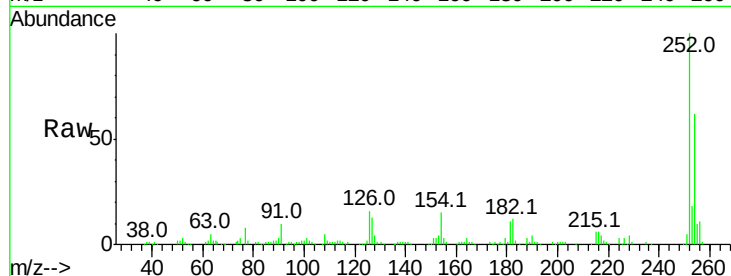
#81
 3,3'-Dichlorobenzidine
 Concen: 39.44 ng
 RT: 18.60 min Scan# 2833
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Instrument :
 BNA_F
 ClientSampleId :
 PB98739BS

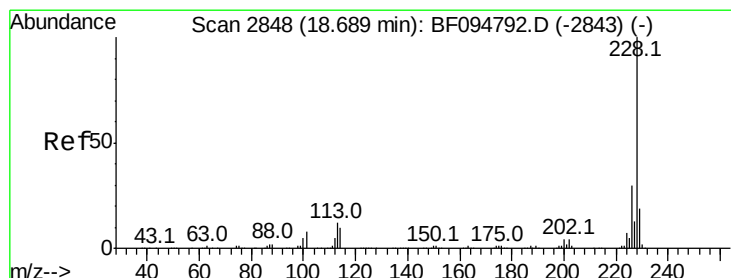
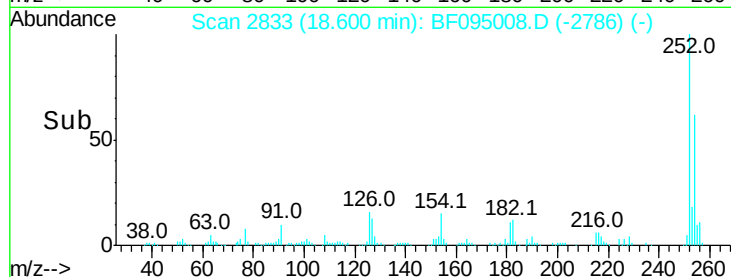
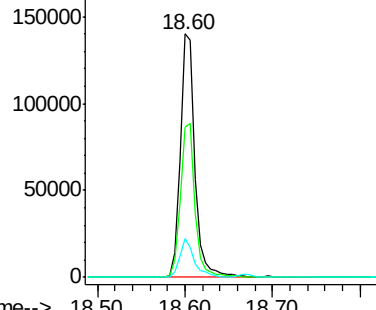
Tot Ion	Ratio	Resp	Lower	Upper
252	100	163760		
254	61.6	51.5	77.3	
126	15.7	15.8	23.8	

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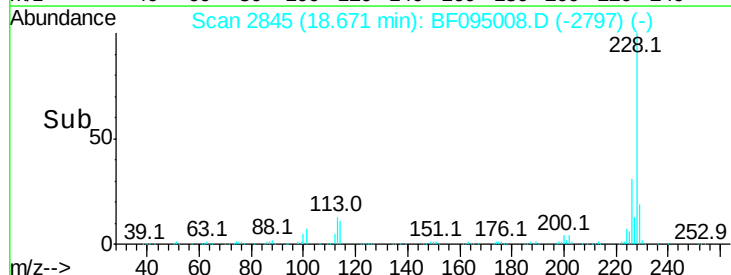
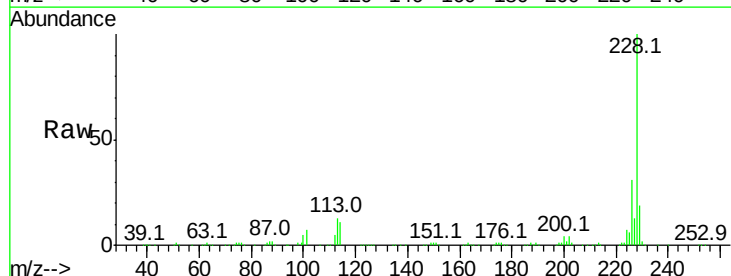
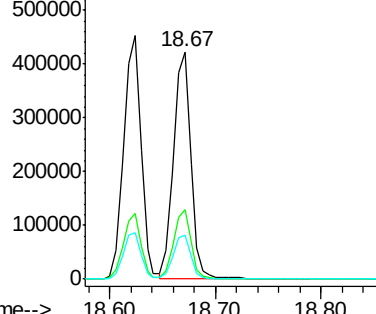
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

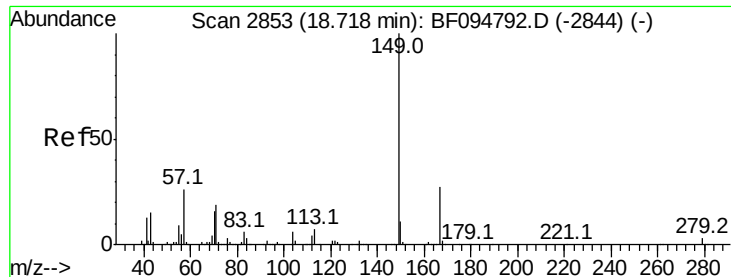


#82
 Chrysene
 Concen: 41.46 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	481954		
226	30.6	24.9	37.3	
229	19.4	15.8	23.6	

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.36 ng

RT: 18.69 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BF095008.D

Acq: 9 May 2017 6:46

Instrument :

BNA_F

ClientSampleId :

PB98739BS

Tot Ion:149 Resp: 443958
Ion Ratio Lower Upper

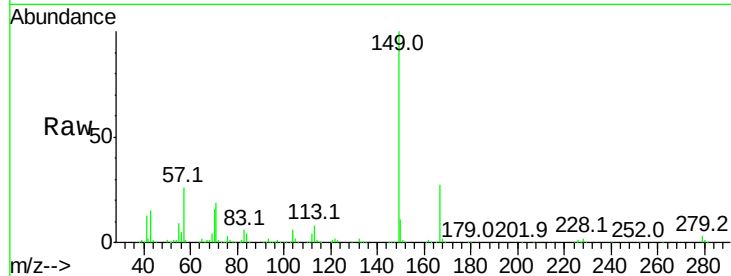
149 100

167 26.6 21.0 31.4

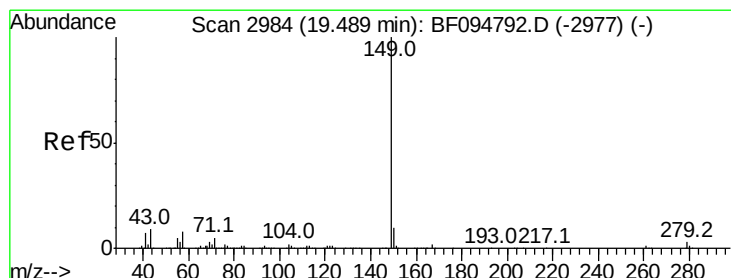
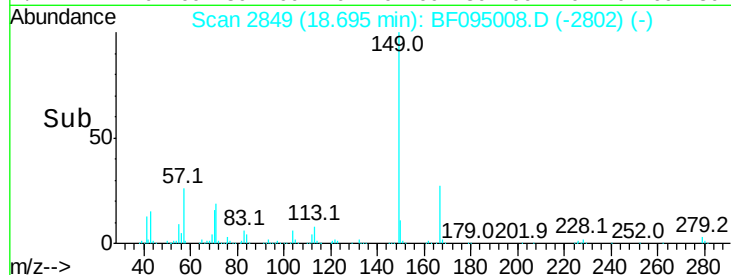
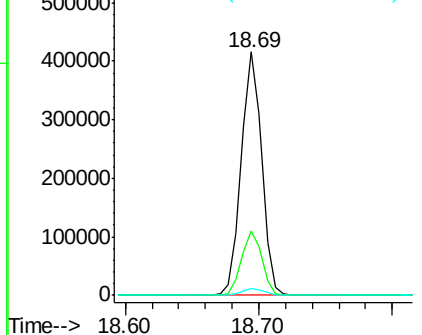
279 3.0 1.9 2.9#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.34 ng

RT: 19.47 min Scan# 2980

Delta R.T. -0.02 min

Lab File: BF095008.D

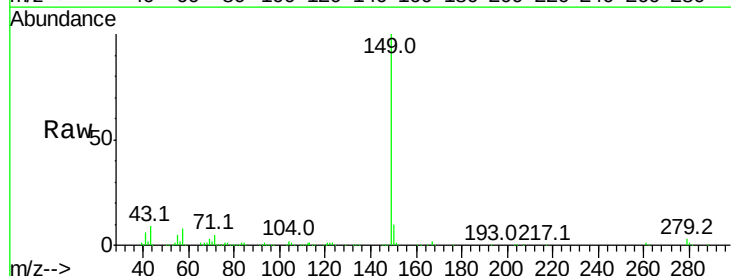
Acq: 9 May 2017 6:46

Tgt Ion:149 Resp: 677170
Ion Ratio Lower Upper

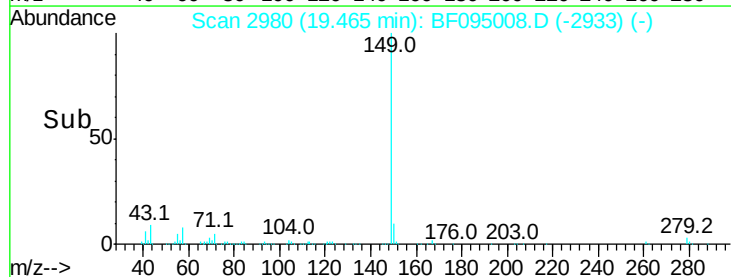
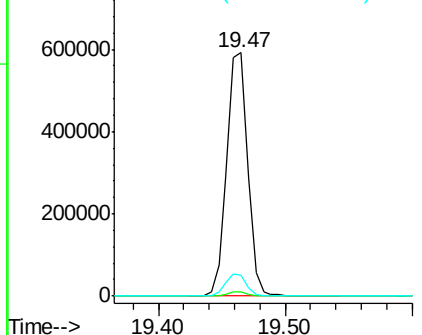
149 100

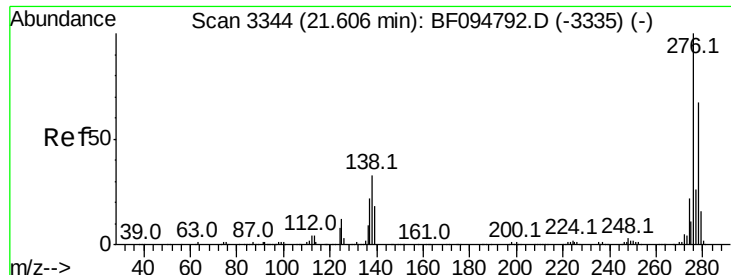
167 1.6 1.2 1.8

43 9.2 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





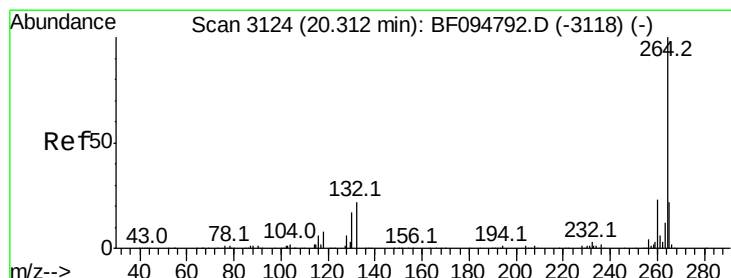
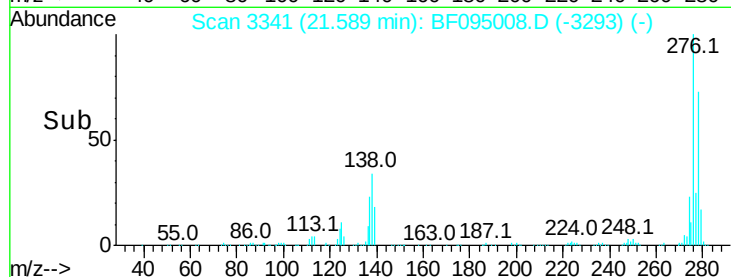
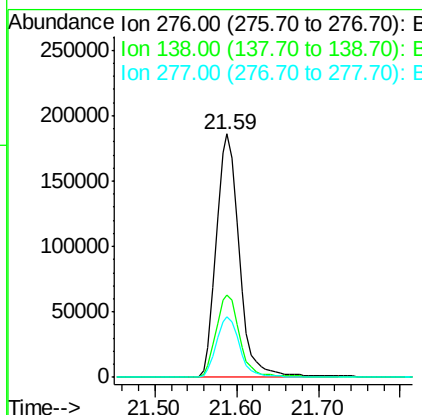
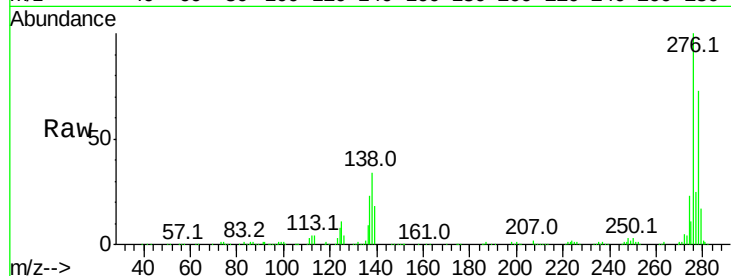
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.80 ng
RT: 21.59 min Scan# 3341
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampled :
PB98739BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	25.2	20.2	30.4

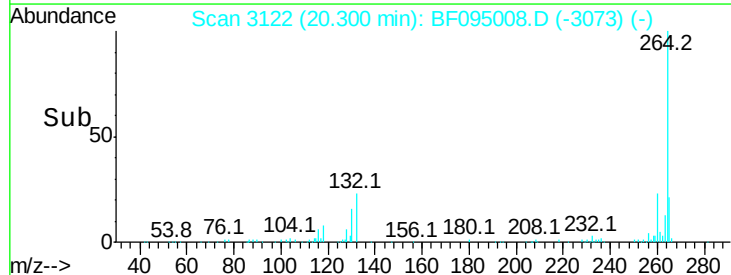
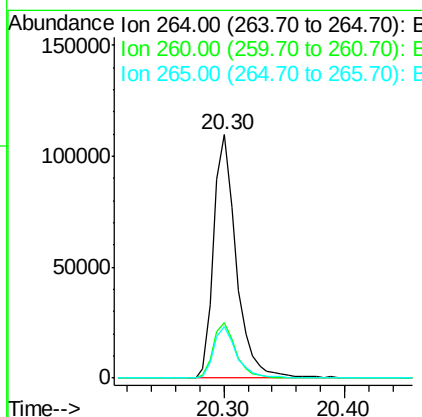
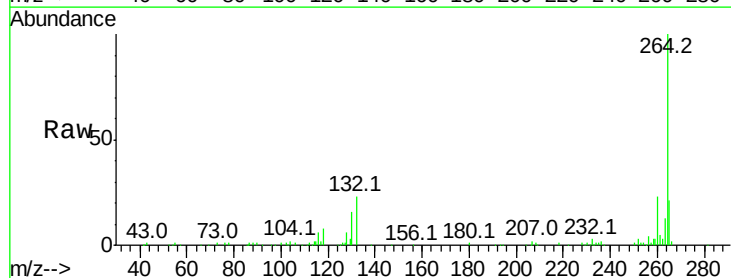
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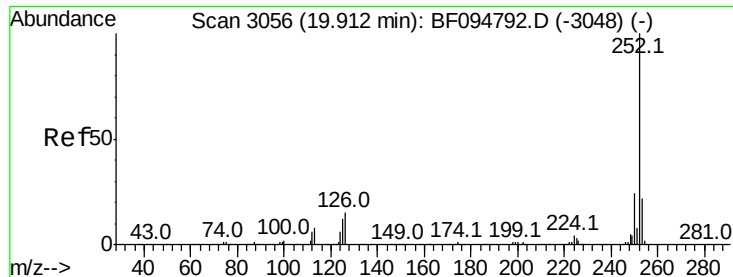
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.2	17.2	25.8





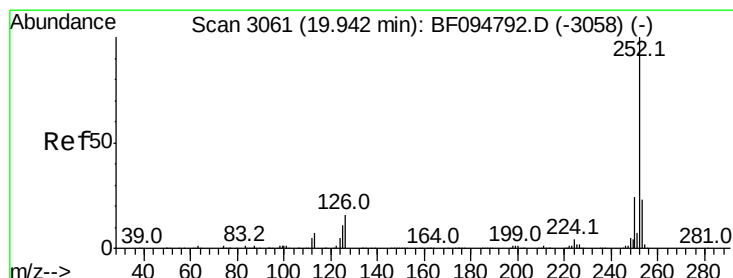
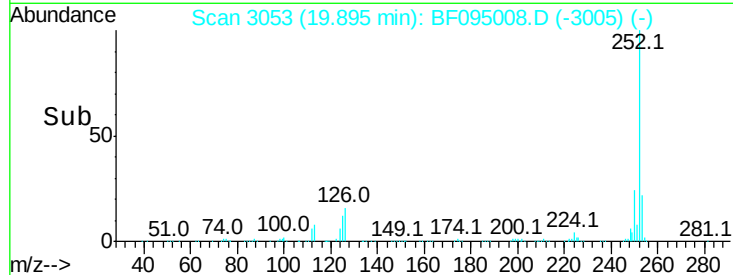
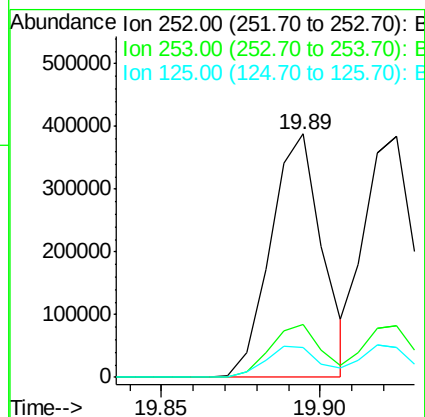
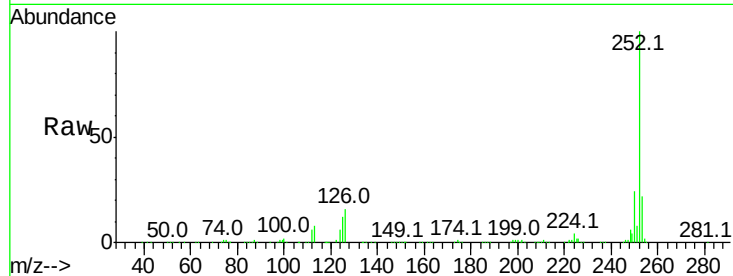
#87
Benzo(b)fluoranthene
Concen: 50.25 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :
PB98739BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	12.1	9.8	14.8

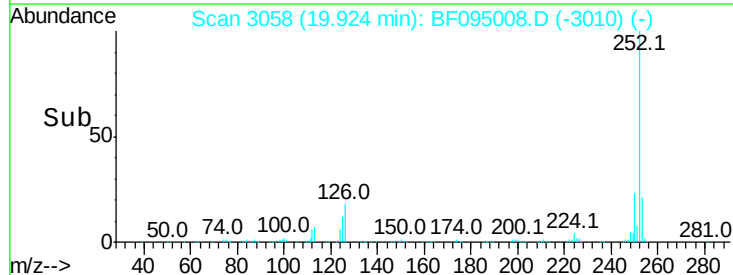
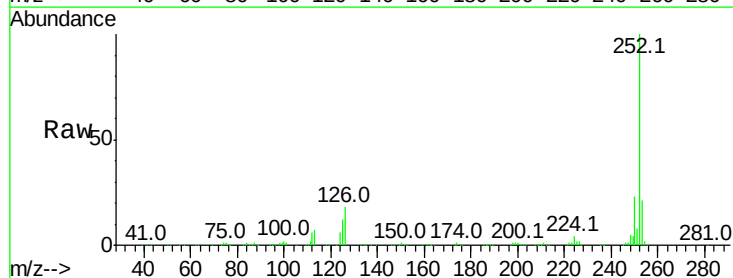
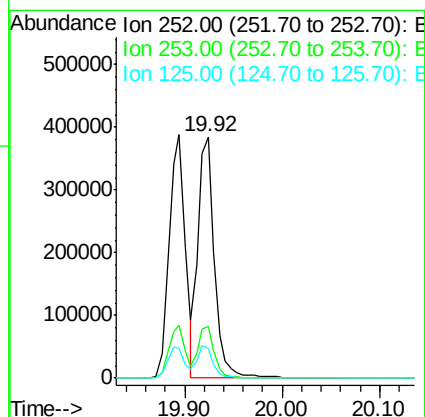
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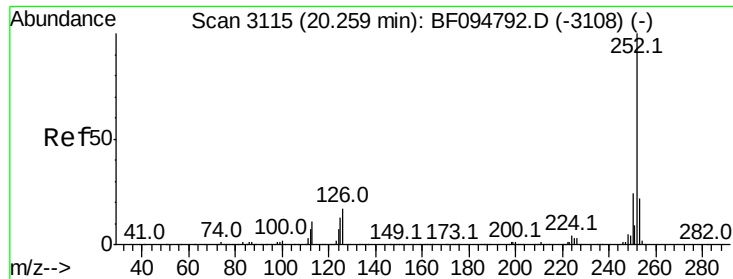
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#88
Benzo(k)fluoranthene
Concen: 53.08 ng
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	12.2	13.1	19.7#





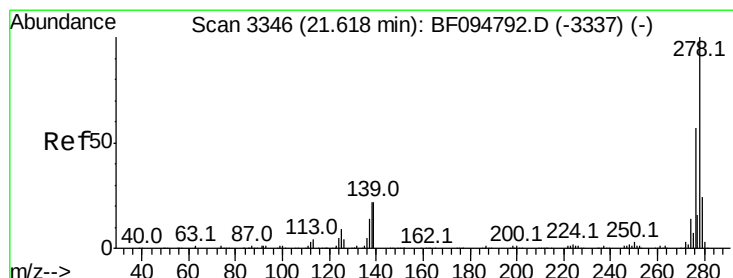
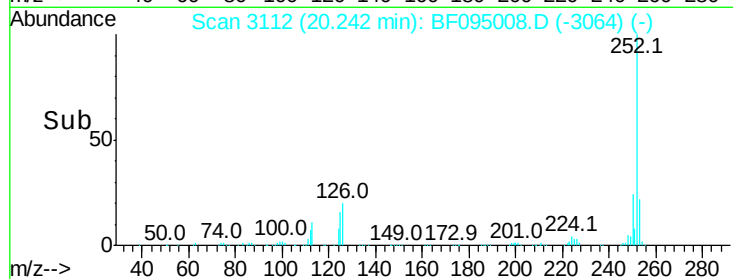
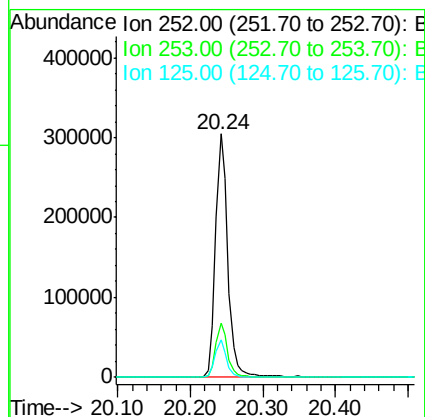
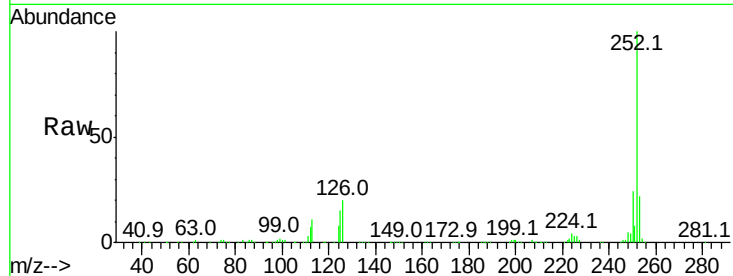
#89
Benzo(a)pyrene
Concen: 45.11 ng
RT: 20.24 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Instrument :
BNA_F
ClientSampleId :
PB98739BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.4	17.5	26.3	
125	15.5	11.0	16.4	

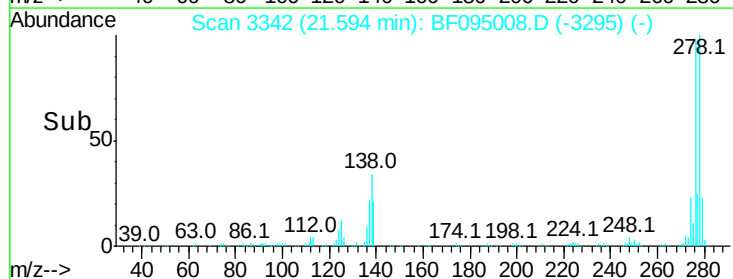
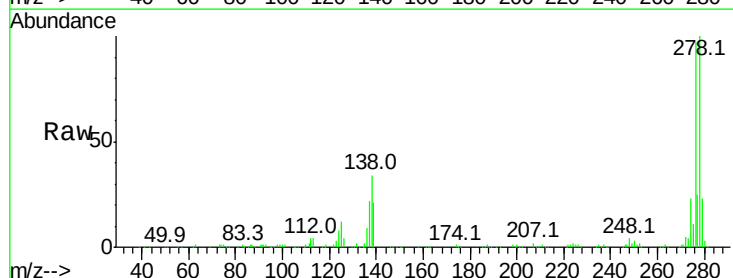
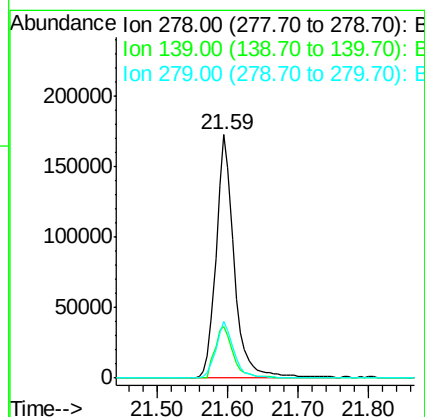
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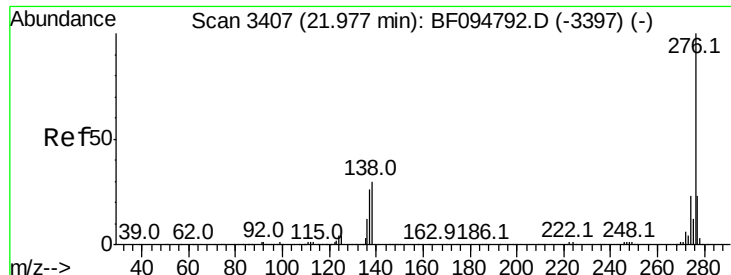
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#90
Dibenzo(a,h)anthracene
Concen: 46.25 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.02 min
Lab File: BF095008.D
Acq: 9 May 2017 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	21.3	16.6	24.8	
279	23.1	19.3	28.9	





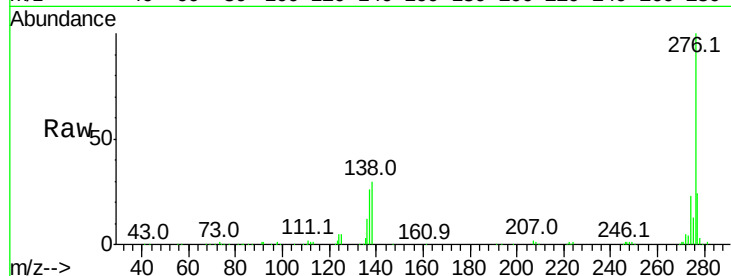
#91
 Benzo(a,h,i)perylene
 Concen: 47.04 ng
 RT: 21.96 min Scan# 3404
 Delta R.T. -0.02 min
 Lab File: BF095008.D
 Acq: 9 May 2017 6:46

Instrument :
 BNA_F
 ClientSampleId :
 PB98739BS

Tot Ion:	276	Resp:	307739
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.6	28.0
138	29.6	25.4	38.0

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

