

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093977.D
 Acq On : 28 Mar 2017 7:29
 Operator : SJ/MA
 Sample : PB97833BSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Manual Integrations
 APPROVED

mohammad
 3/28/2017 3:43:36 PM

Quant Time: Mar 28 07:53:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	171886	20.00	ng	-0.01
21) Naphthalene-d8	7.45	136	693053	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	302266	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	490447	20.00	ng	0.00
75) Chrysene-d12	14.67	240	303875	20.00	ng	-0.01
86) Perylene-d12	16.30	264	276486	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.48	112	886704	87.13	ng	0.00
7) Phenol-d6	5.54	99	1114745	88.55	ng	-0.01
23) Nitrobenzene-d5	6.59	82	978005	80.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	215086	90.05	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1735245	87.56	ng	0.00
78) Terphenyl-d14	13.39	244	1187739	87.61	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	160130	32.75	ng	98
3) Pyridine	2.84	79	473819	35.56	ng	99
4) n-Nitrosodimethylamine	2.80	42	221393	40.38	ng	91
6) Aniline	5.56	93	321349	18.35	ng	# 90
8) 2-Chlorophenol	5.70	128	498448	44.56	ng	97
9) Benzaldehyde	5.43	77	83184	9.79	ng	97
10) Phenol	5.56	94	595709	41.58	ng	97
11) bis(2-Chloroethyl)ether	5.65	93	464135	41.46	ng	97
12) 1,3-Dichlorobenzene	5.87	146	513972	40.96	ng	99
13) 1,4-Dichlorobenzene	5.96	146	520440	40.95	ng	96
14) 1,2-Dichlorobenzene	6.13	146	486968	41.61	ng	97
15) Benzyl Alcohol	6.10	79	406422	44.11	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.27	45	647768	37.55	ng	98
17) 2-Methylphenol	6.25	107	416592	43.49	ng	97
18) Hexachloroethane	6.53	117	176519	39.52	ng	# 84
19) n-Nitroso-di-n-propylamine	6.43	70	328952	40.65	ng	97
20) 3+4-Methylphenols	6.43	107	512284	44.15	ng	# 64
22) Acetophenone	6.42	105	673363	43.59	ng	# 89
24) Nitrobenzene	6.61	77	498094	41.59	ng	97
25) Isophorone	6.90	82	898377	42.10	ng	95
26) 2-Nitrophenol	6.99	139	265358	46.46	ng	93
27) 2,4-Dimethylphenol	7.05	122	443637	45.08	ng	97
28) bis(2-Chloroethoxy)methane	7.16	93	578331	41.10	ng	99
29) 2,4-Dichlorophenol	7.29	162	420031	45.65	ng	99
30) 1,2,4-Trichlorobenzene	7.38	180	403164	42.54	ng	99
31) Naphthalene	7.47	128	1363892	40.93	ng	100
32) Benzoic acid	7.22	122	314331	47.98	ng	97
33) 4-Chloroaniline	7.53	127	121568	9.00	ng	# 94
34) Hexachlorobutadiene	7.63	225	204689	42.11	ng	98
35) Caprolactam	7.99	113	136508m	46.52	ng	
36) 4-Chloro-3-methylphenol	8.16	107	436195	45.36	ng	92
37) 2-Methylnaphthalene	8.32	142	937139	42.19	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	351879	42.55	ng	99
40) Hexachlorocyclopentadiene	8.52	237	247855	64.05	ng	98

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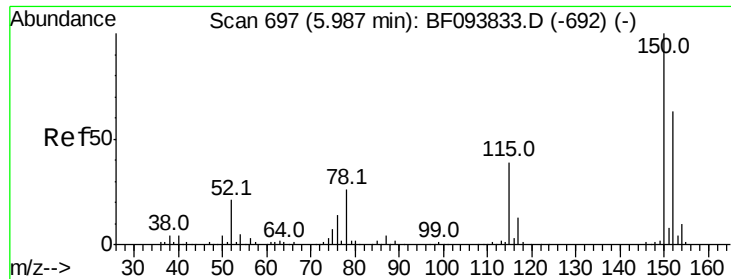
Manual Integrations
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Quant Time: Mar 28 07:53:18 2017
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	274665	46.95	nq	96
43) 2,4,5-Trichlorophenol	8.72	196	280066	44.24	nq	95
45) 1,1'-Biphenyl	8.89	154	1050589	43.09	nq	98
46) 2-Chloronaphthalene	8.91	162	828931	43.43	nq	# 93
47) 2-Nitroaniline	9.04	65	251474	44.42	nq	# 81
48) Acenaphthylene	9.42	152	1305088	41.15	nq	99
49) Dimethylphthalate	9.28	163	994559	46.29	nq	99
50) 2,6-Dinitrotoluene	9.35	165	217189	44.10	nq	94
51) Acenaphthene	9.63	154	765184	41.34	nq	99
52) 3-Nitroaniline	9.54	138	119478	20.66	nq	90
53) 2,4-Dinitrophenol	9.67	184	118386	46.96	nq	# 68
54) Dibenzofuran	9.85	168	1112729	44.17	nq	100
55) 4-Nitrophenol	9.78	139	350537	77.39	nq	# 69
56) 2,4-Dinitrotoluene	9.84	165	266487	43.07	nq	# 75
57) Fluorene	10.27	166	824504	39.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	203944	46.95	nq	98
59) Diethylphthalate	10.14	149	937455	44.14	nq	99
60) 4-Chlorophenyl-phenylether	10.27	204	358957	40.33	nq	88
61) 4-Nitroaniline	10.30	138	215655	38.86	nq	97
62) Azobenzene	10.47	77	889988	44.30	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	86972	28.96	nq	# 67
65) n-Nitrosodiphenylamine	10.42	169	775552	45.73	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	222465	46.12	nq	95
67) Hexachlorobenzene	10.94	284	221300	45.32	nq	# 92
68) Atrazine	11.09	200	188085	37.02	nq	98
69) Pentachlorophenol	11.19	266	222058	73.06	nq	99
70) Phenanthrene	11.44	178	1171943	42.96	nq	99
71) Anthracene	11.51	178	1202111	42.79	nq	99
72) Carbazole	11.71	167	1107555	38.45	nq	99
73) Di-n-butylphthalate	12.16	149	1383980	46.20	nq	99
74) Fluoranthene	12.91	202	1058734	37.90	nq	97
76) Benzidine	13.07	184	260241	21.64	nq	# 93
77) Pyrene	13.19	202	1024352	46.45	nq	98
79) Butylbenzylphthalate	14.00	149	502226	53.45	nq	# 85
80) Benzo(a)anthracene	14.65	228	772453	43.59	nq	98
81) 3,3'-Dichlorobenzidine	14.63	252	225089	35.54	nq	# 97
82) Chrysene	14.70	228	694473	42.23	nq	99
83) Bis(2-ethylhexyl)phthalate	14.72	149	677616	52.86	nq	# 100
84) Di-n-octyl phthalate	15.47	149	1048633	48.96	nq	98
85) Indeno(1,2,3-cd)pyrene	17.67	276	681775	47.87	nq	100
87) Benzo(b)fluoranthene	15.89	252	754241	44.50	nq	99
88) Benzo(k)fluoranthene	15.92	252	660282m	39.82	nq	
89) Benzo(a)pyrene	16.24	252	685492	43.92	nq	99
90) Dibenzo(a,h)anthracene	17.69	278	578568	43.77	nq	97
91) Benzo(g,h,i)perylene	18.07	276	537943	40.39	nq	99

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



#1

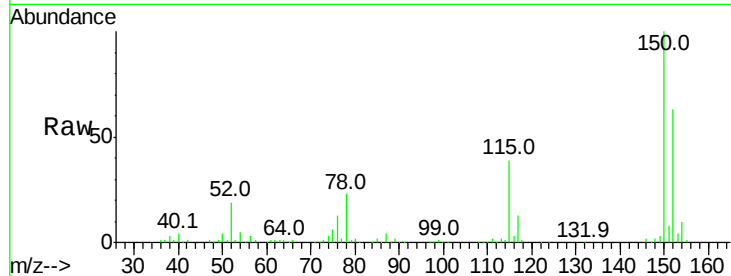
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

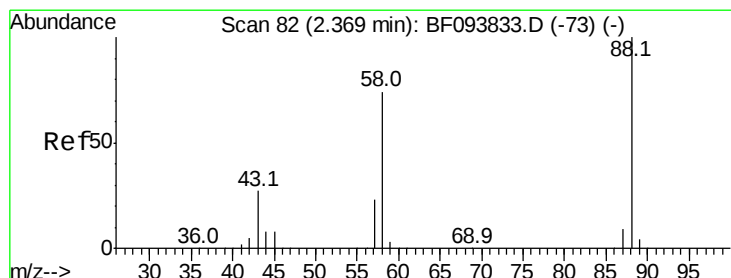
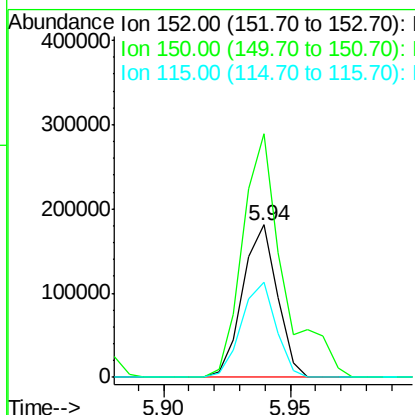
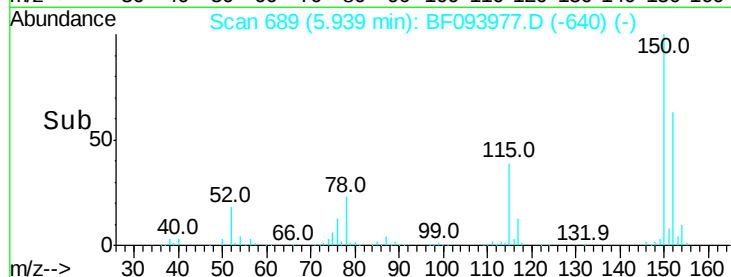
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.2	189.2
115	62.1	52.2	78.2

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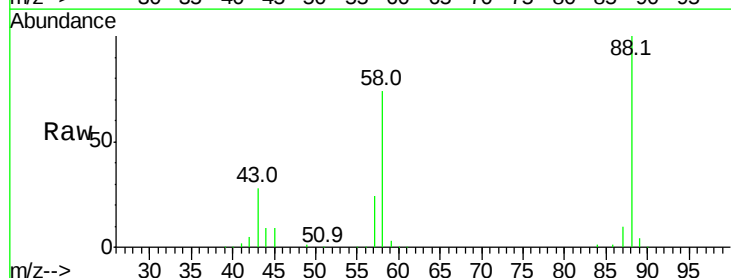
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



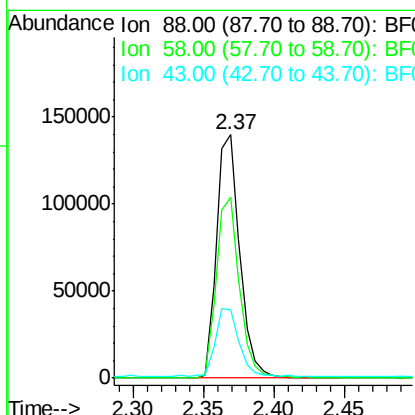
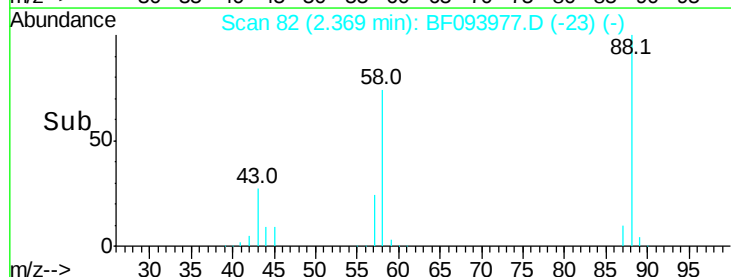
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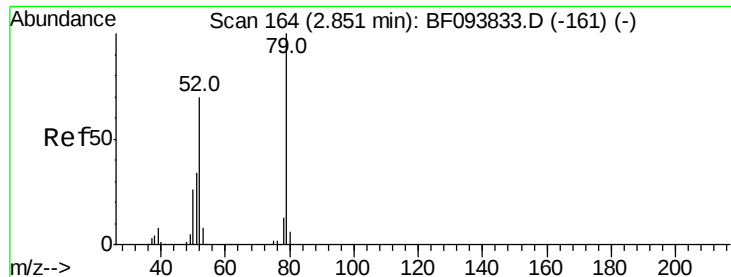
1,4-Dioxane
Concen: 32.75 ng
RT: 2.37 min Scan# 82
Delta R.T. 0.05 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	61.4	92.0
43	28.5	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





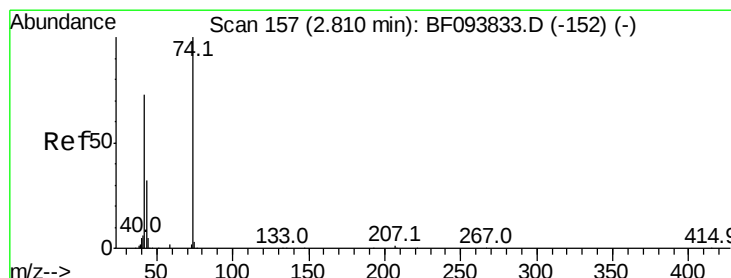
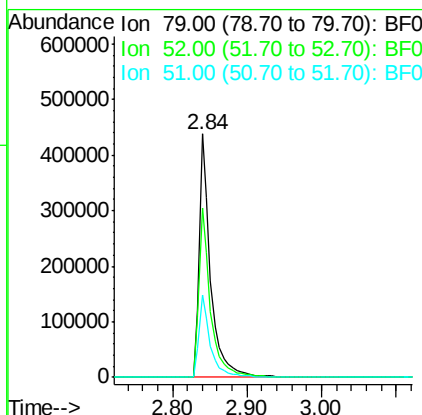
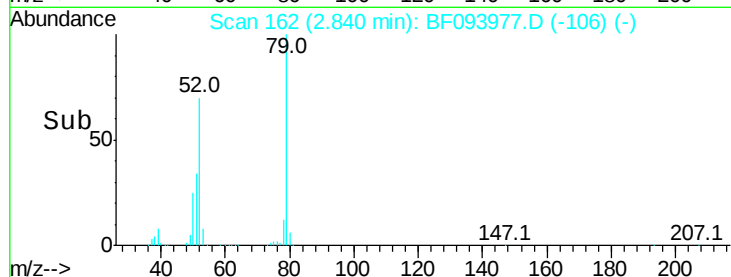
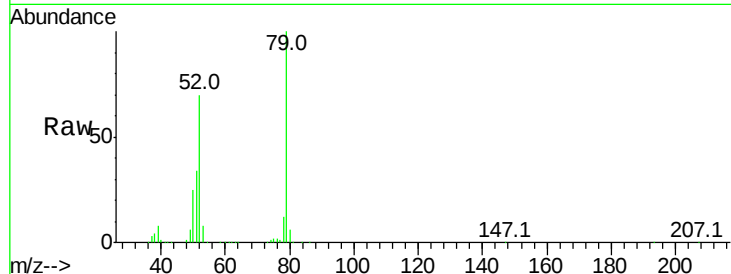
#3
 Pvridine
 Concen: 35.56 ng
 RT: 2.84 min Scan# 162
 Delta R.T. 0.03 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
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 PB97833BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.6	54.8	82.2
51	33.6	27.0	40.4

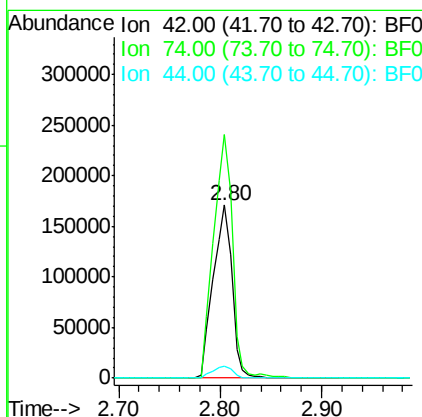
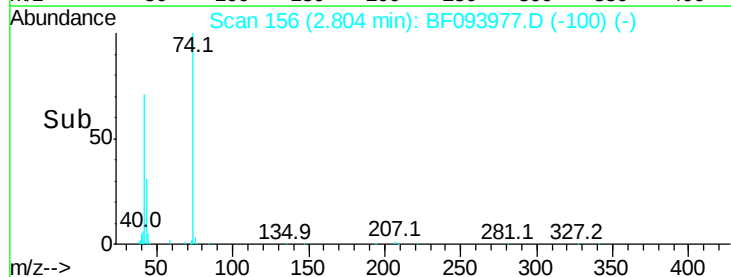
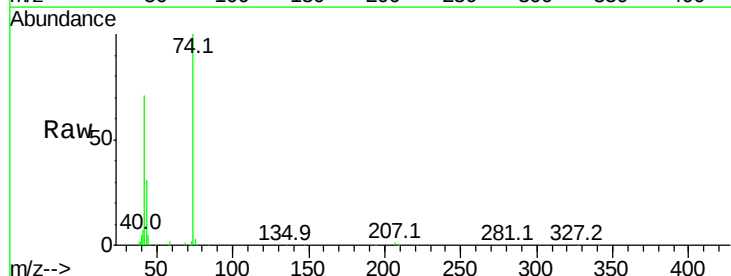
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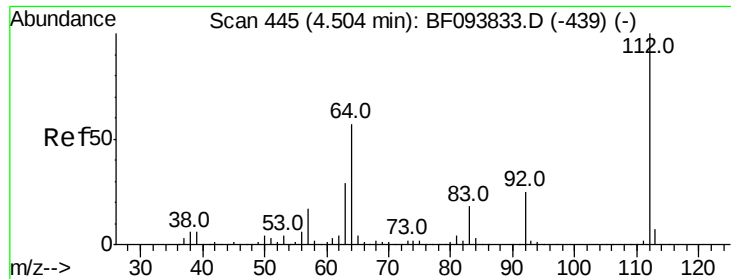
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#4
 n-Nitrosodimethylamine
 Concen: 40.38 ng
 RT: 2.80 min Scan# 156
 Delta R.T. 0.03 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.8	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 87.13 ng

RT: 4.48 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

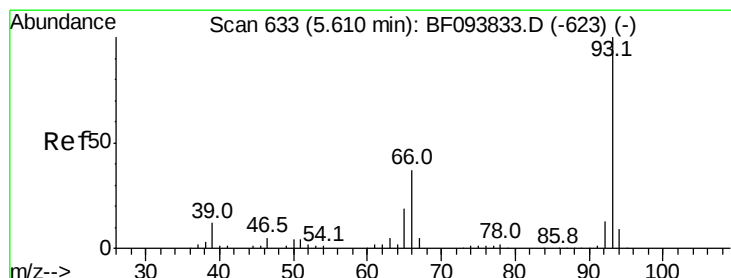
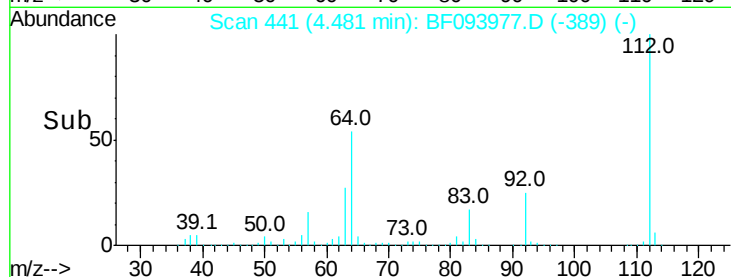
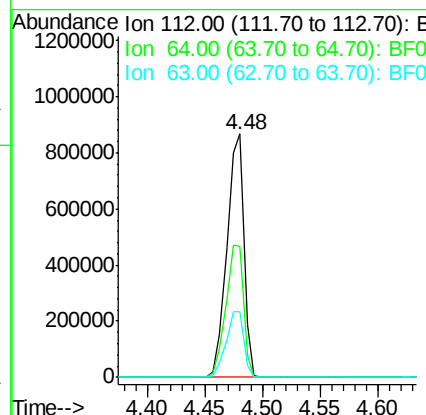
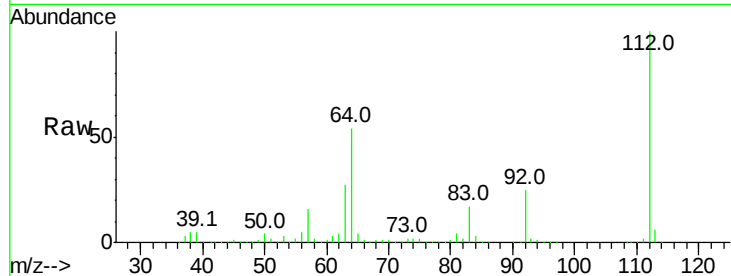
ClientSampleId :

PB97833BSD

Tot Ion:	112	Resp:	886704
Ion Ratio	Lower	Upper	
112	100		
64	53.7	46.0	69.0
63	26.9	23.4	35.0

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#6

Aniline

Concen: 18.35 ng

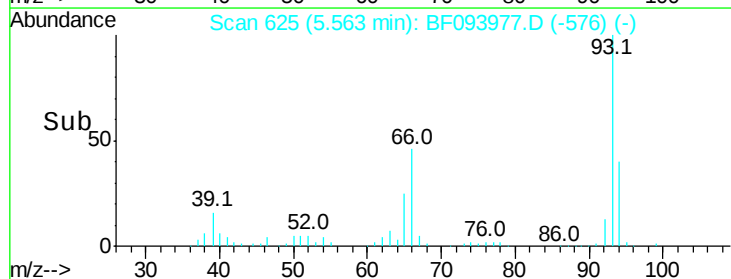
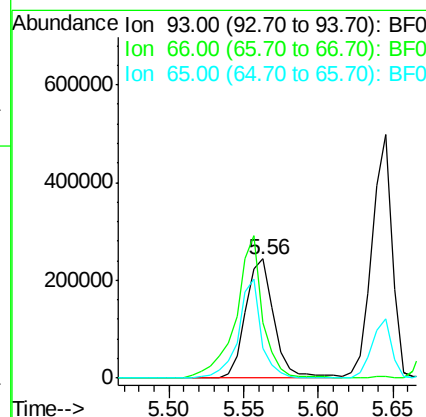
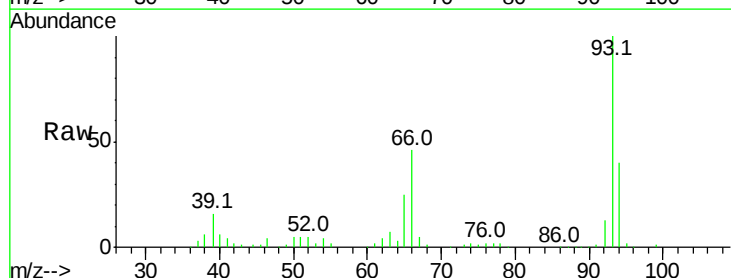
RT: 5.56 min Scan# 625

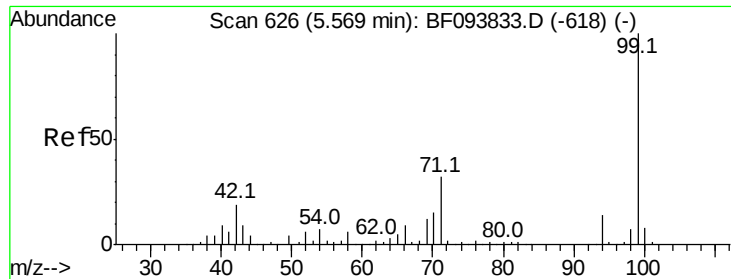
Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Tgt Ion:	93	Resp:	321349
Ion Ratio	Lower	Upper	
93	100		
66	46.5	32.9	49.3
65	25.3	16.0	24.0#





#7

Phenol-d6

Concen: 88.55 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampled :

PB97833BSD

Tot Ion: 99 Resp: 1114745

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

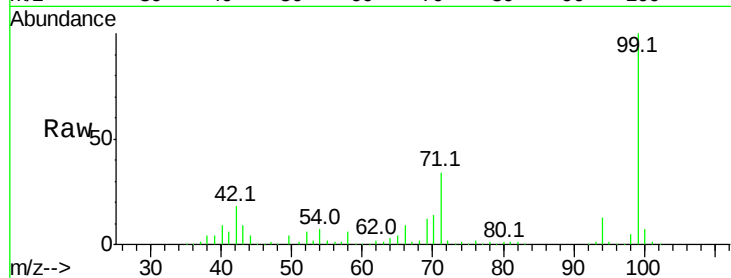
71 33.6 24.5 36.7

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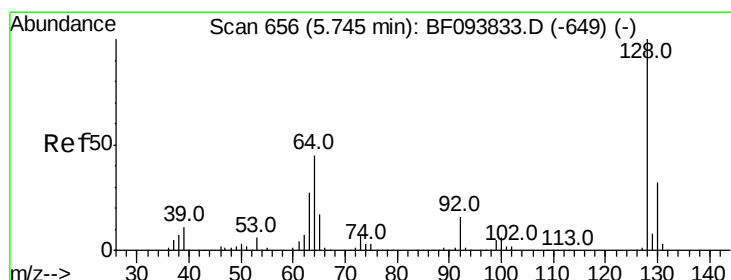
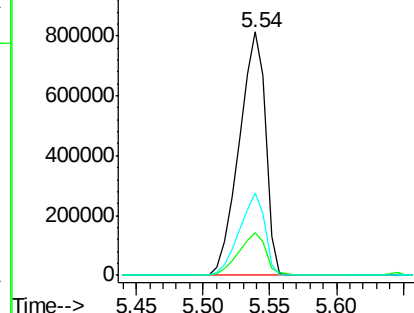
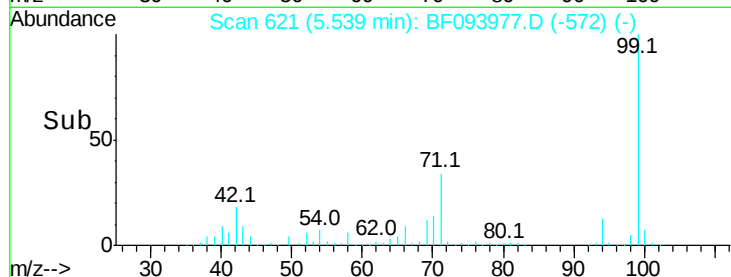
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.56 ng

RT: 5.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

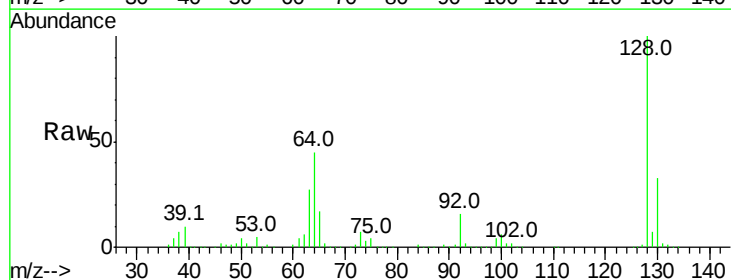
Tgt Ion: 128 Resp: 498448

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

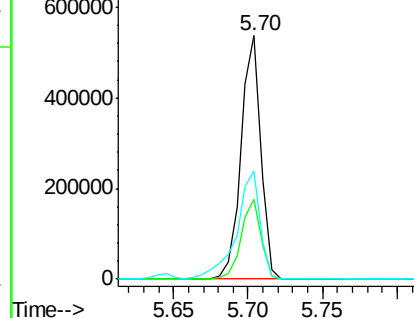
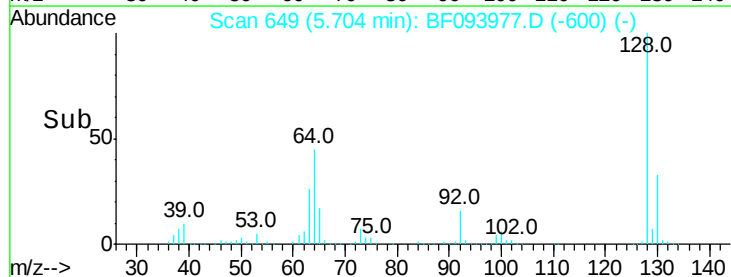
64 44.5 28.4 68.4

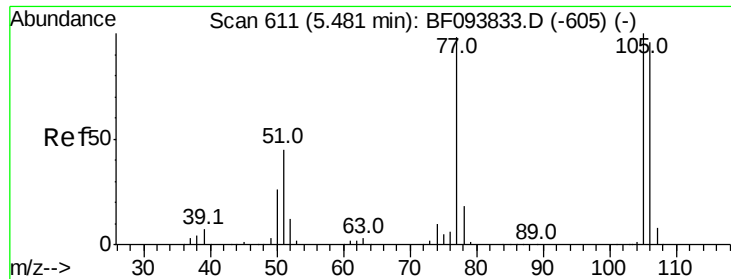


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





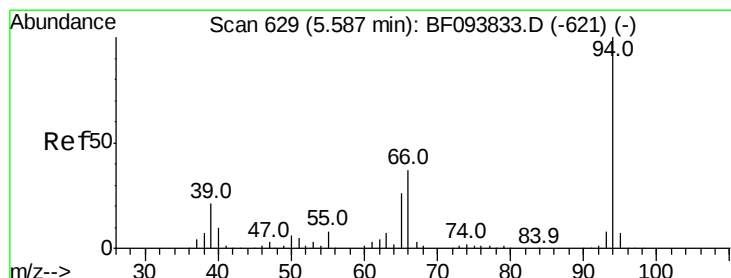
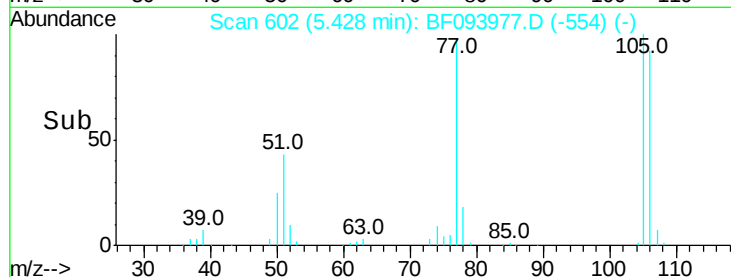
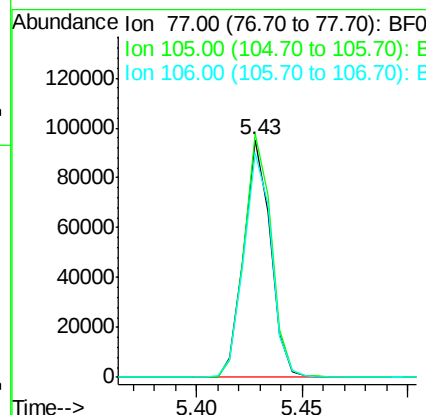
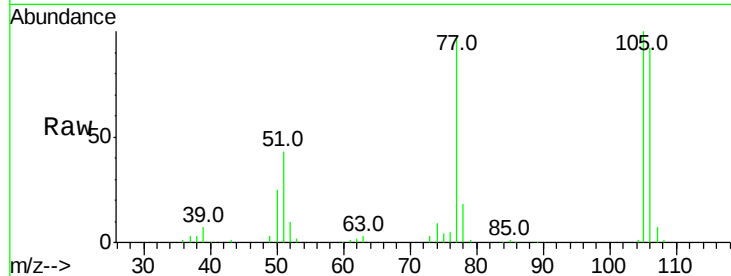
#9
Benzaldehyde
Concen: 9.79 ng
RT: 5.43 min Scan# 602
Delta R.T. -0.02 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion: 77 Resp: 83184
Ion Ratio Lower Upper
77 100
105 102.6 83.8 123.8
106 94.3 79.1 119.1

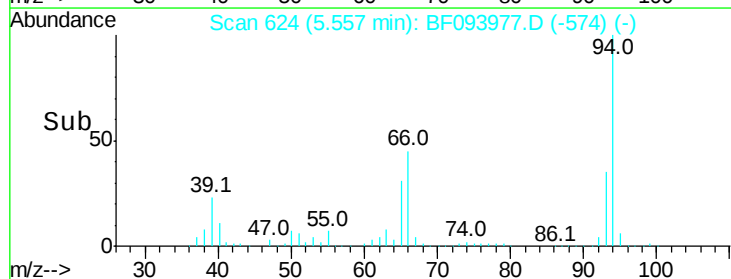
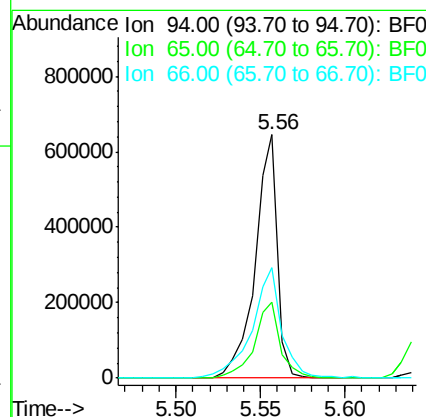
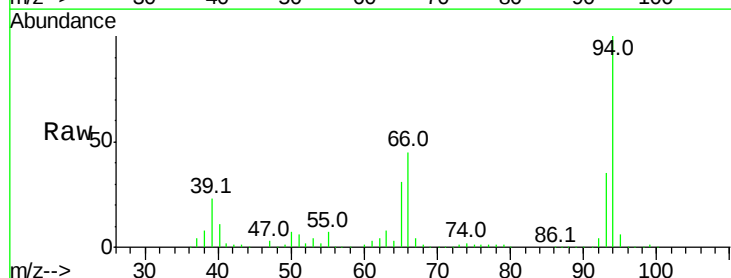
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#10
Phenol
Concen: 41.58 ng
RT: 5.56 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion: 94 Resp: 595709
Ion Ratio Lower Upper
94 100
65 31.3 9.9 49.9
66 45.3 23.1 63.1





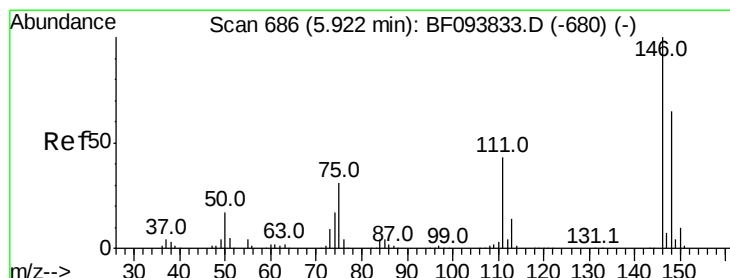
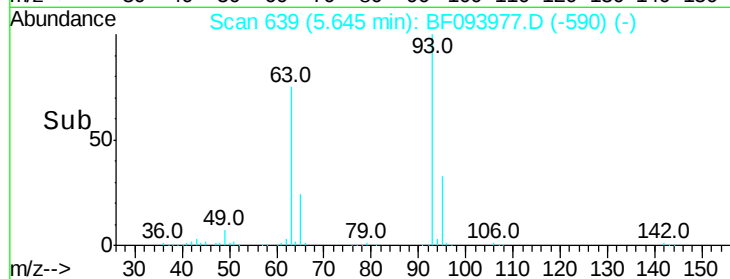
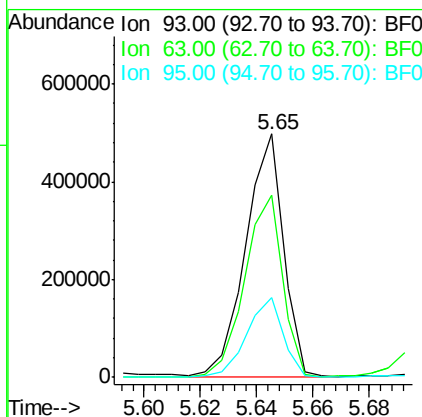
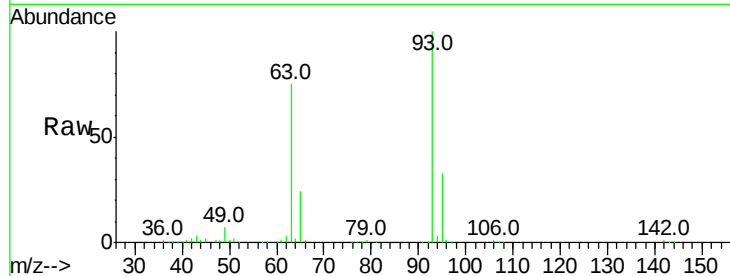
#11
bis(2-Chloroethyl)ether
Concen: 41.46 ng
RT: 5.65 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	464135		
63	75.1	59.2	99.2	
95	32.9	12.8	52.8	

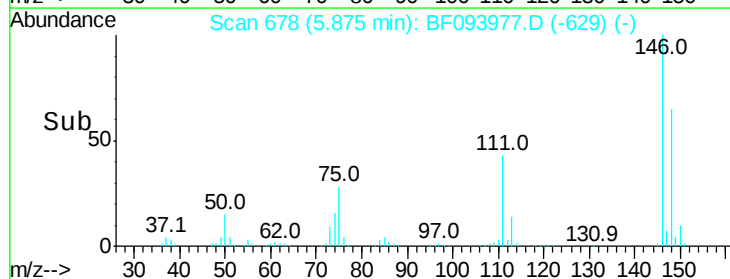
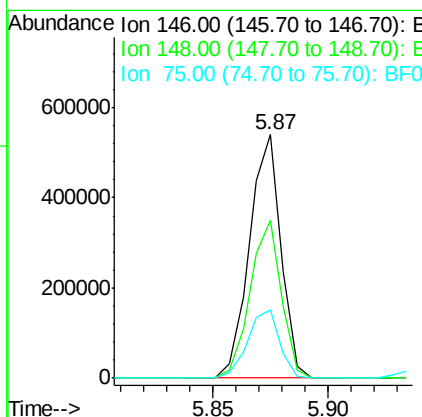
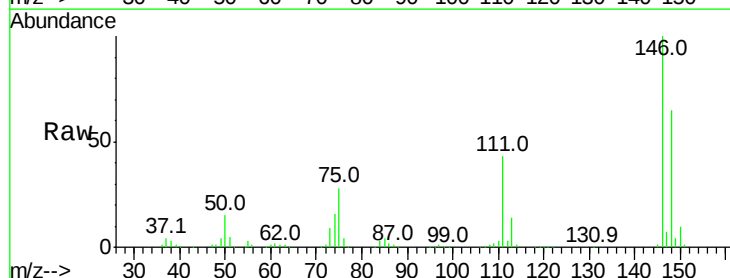
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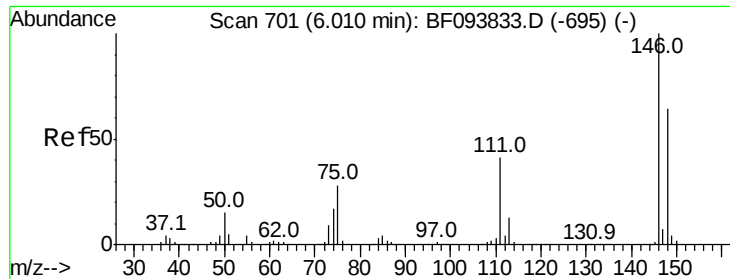
mohammad
3/28/2017 3:43:36 PM



#12
1,3-Dichlorobenzene
Concen: 40.96 ng
RT: 5.87 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	513972		
148	65.0	51.8	77.6	
75	28.2	23.1	34.7	





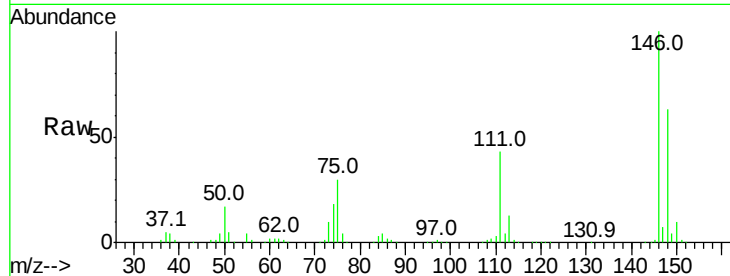
#13
 1,4-Dichlorobenzene
 Concen: 40.95 ng
 RT: 5.96 min Scan# 692
 Delta R.T. -0.02 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

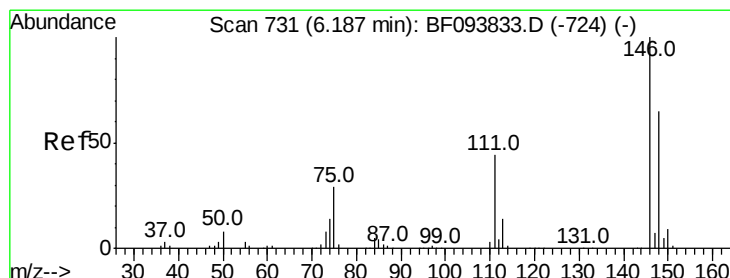
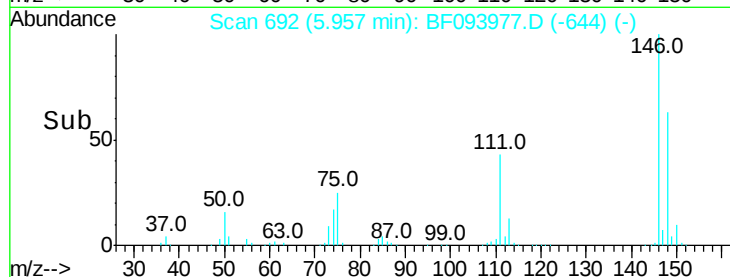
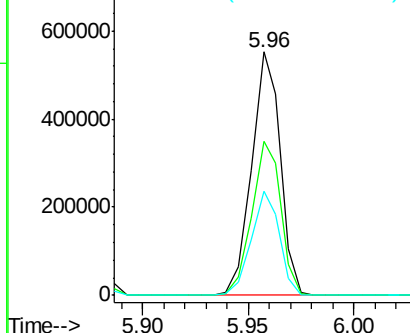
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	42.6	30.3	45.5

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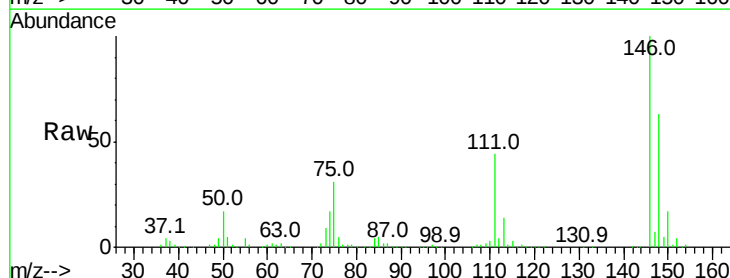


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

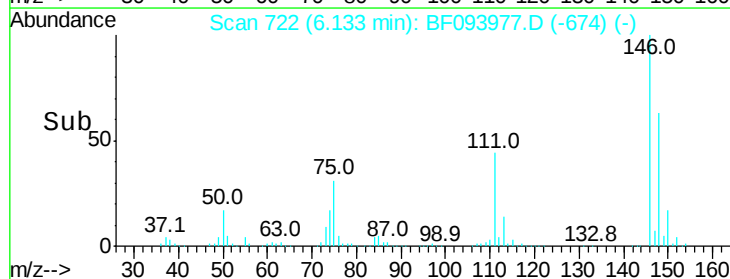
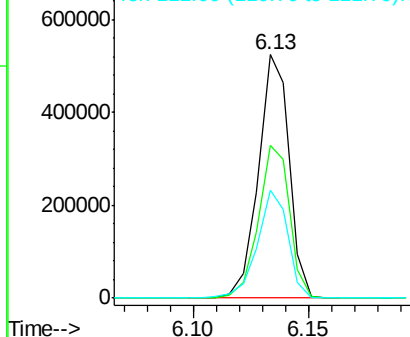


#14
 1,2-Dichlorobenzene
 Concen: 41.61 ng
 RT: 6.13 min Scan# 722
 Delta R.T. -0.02 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.4	75.6
111	44.2	38.2	57.4



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





#15

Benzyl Alcohol

Concen: 44.11 ng

RT: 6.10 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

Tot Ion: 79 Resp: 406422

Ion Ratio Lower Upper

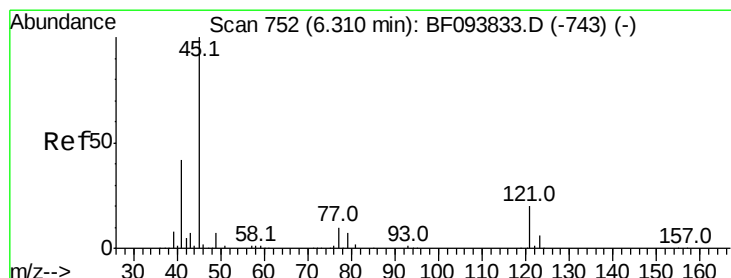
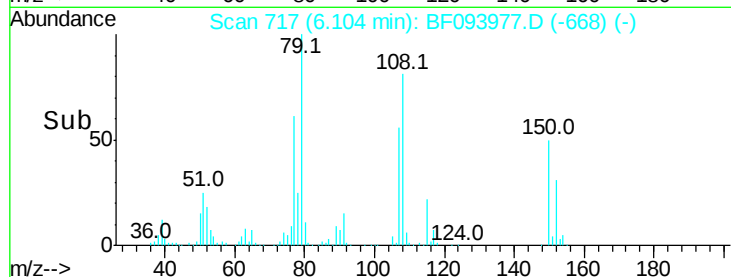
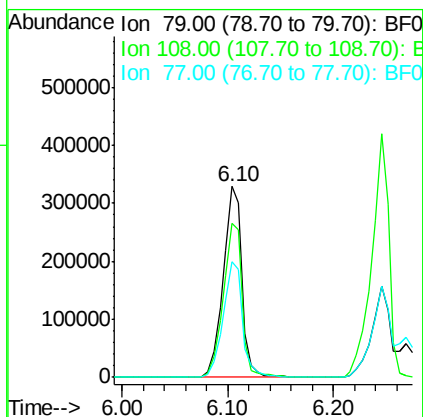
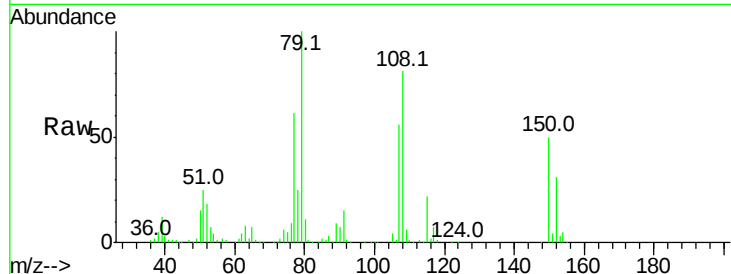
79 100

108 80.6 63.4 95.0

77 60.8 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.55 ng

RT: 6.27 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

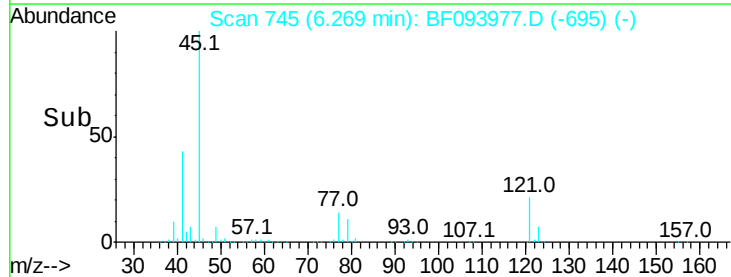
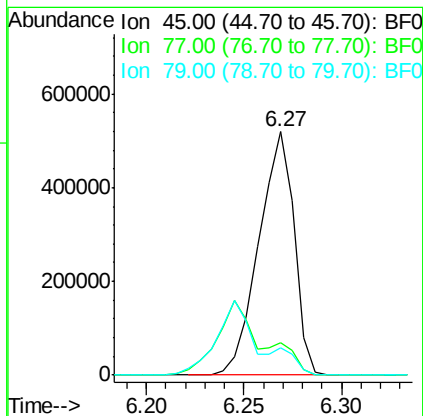
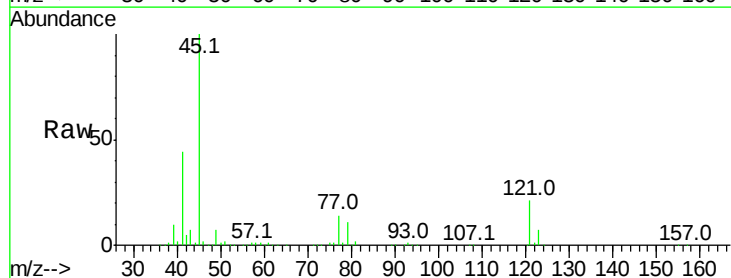
Tgt Ion: 45 Resp: 647768

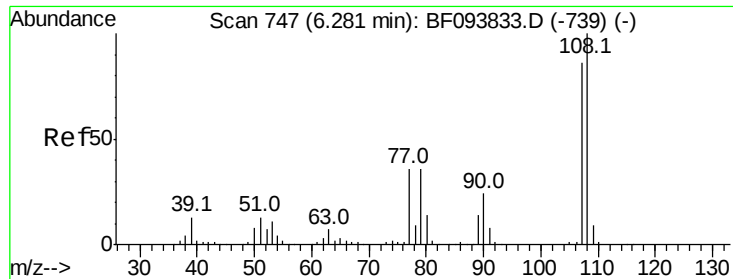
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.2

79 11.1 0.0 30.0





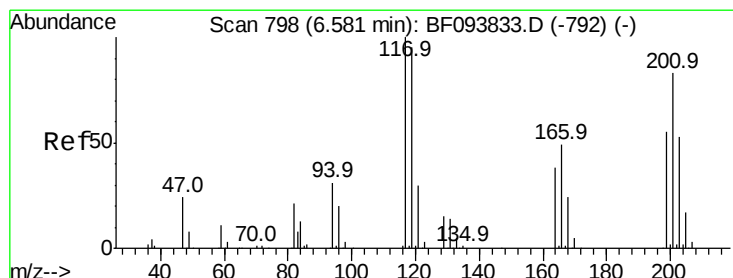
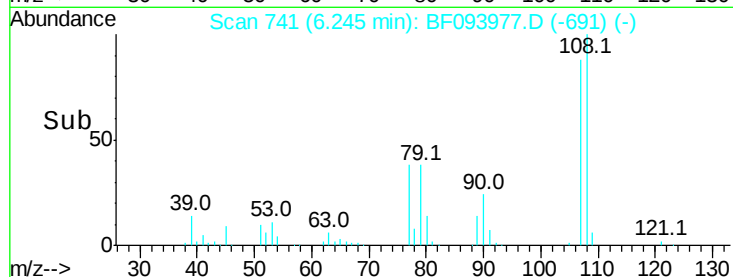
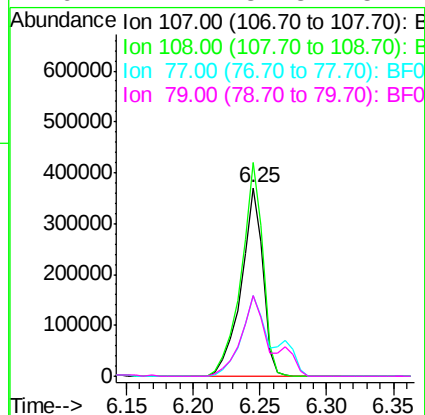
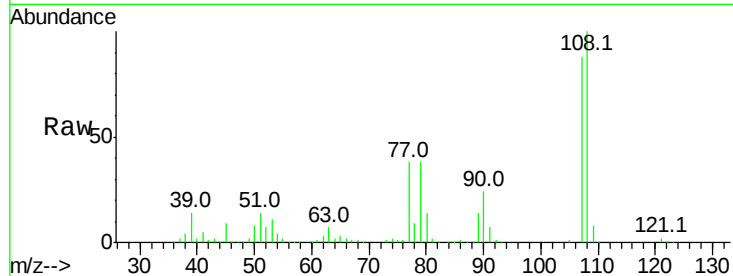
#17
2-Methylphenol
Concen: 43.49 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	93.4	140.0	
77	42.8	35.8	53.6	
79	42.7	34.8	52.2	

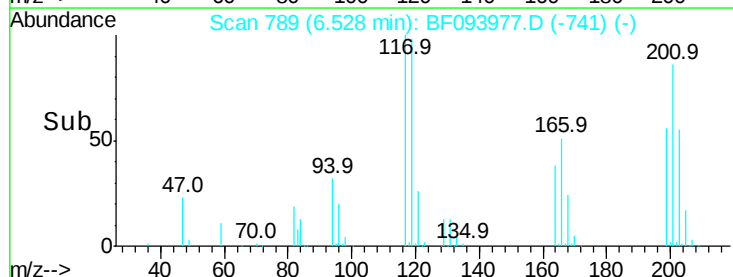
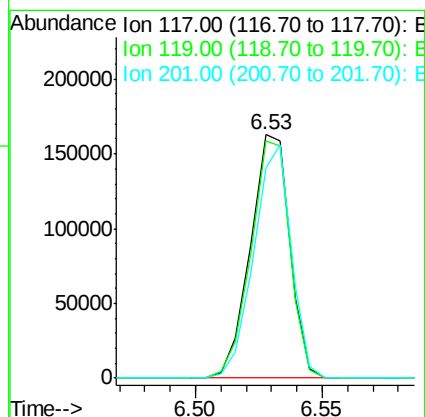
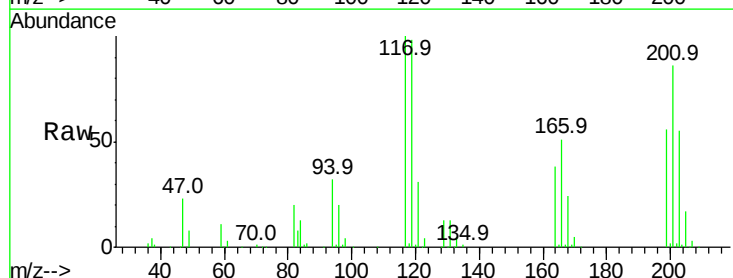
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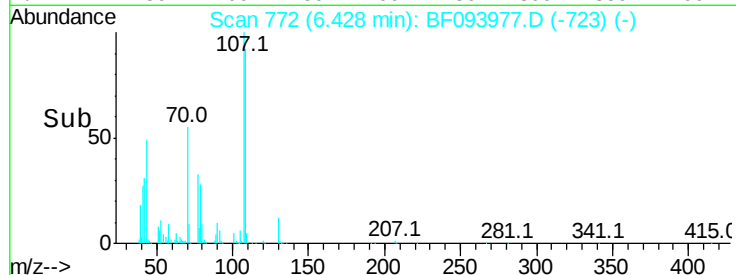
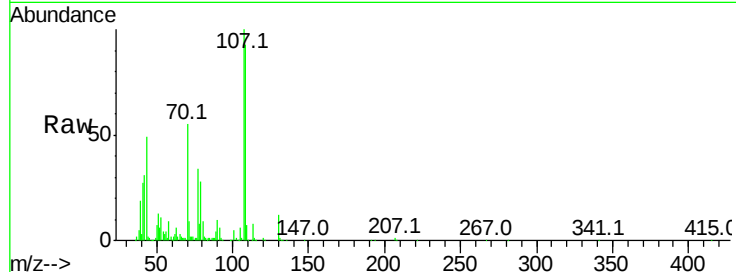
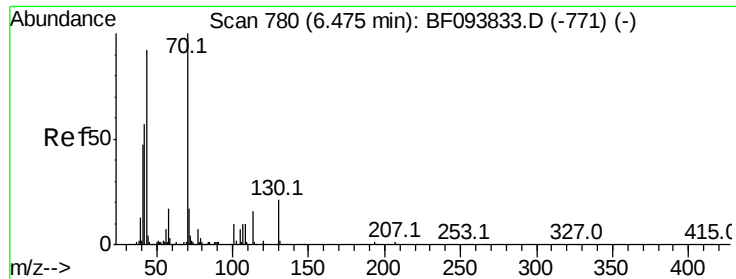
mohammad
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#18
Hexachloroethane
Concen: 39.52 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	77.4	116.0	
201	86.2	94.6	141.8#	





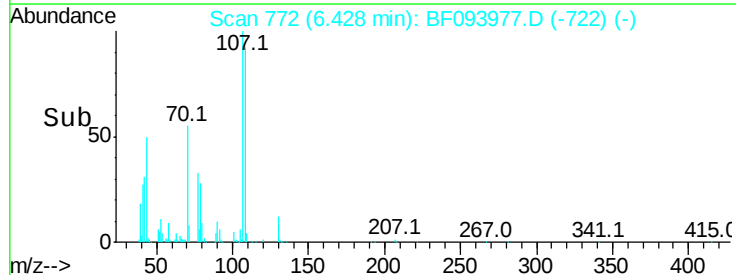
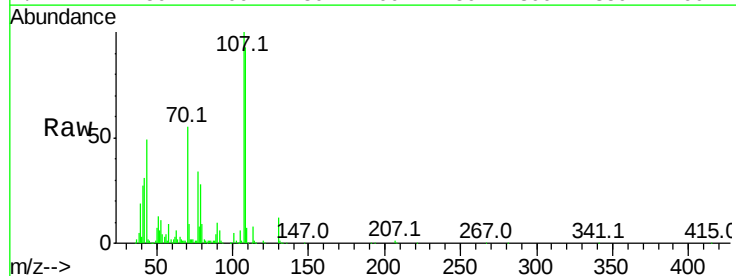
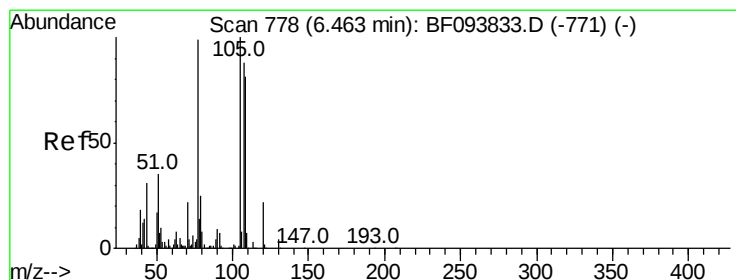
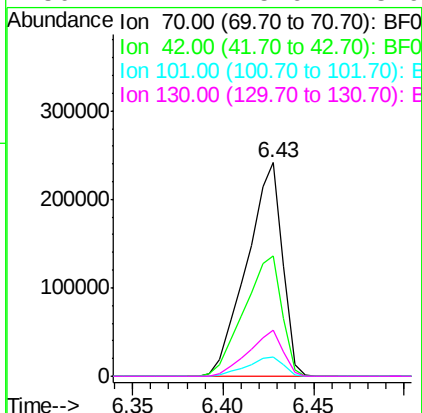
#19
n-Nitroso-di-n-propylamine
Concen: 40.65 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	47.2	70.8	
101	9.2	7.2	10.8	
130	21.7	15.9	23.9	

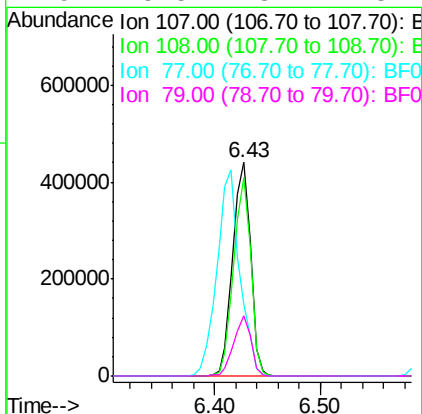
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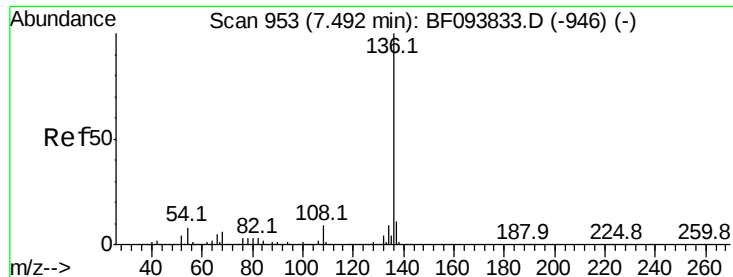
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#20
3+4-Methylphenols
Concen: 44.15 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.7	71.0	111.0	
77	33.6	90.5	130.5#	
79	28.5	8.4	48.4	





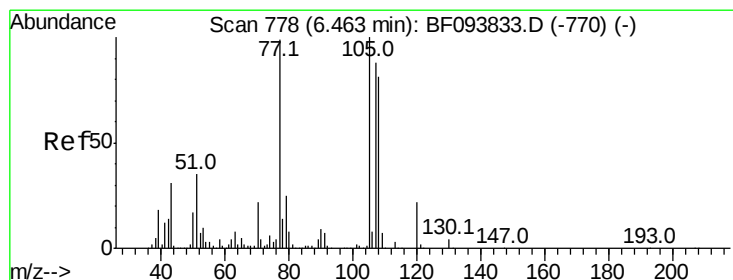
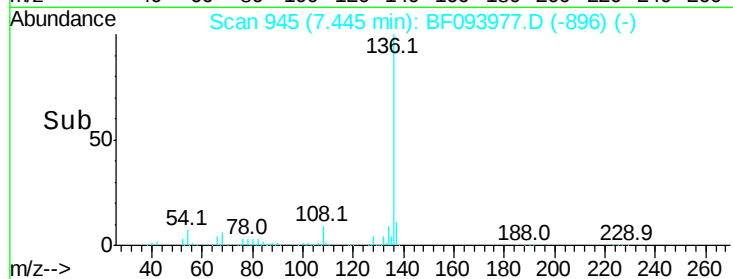
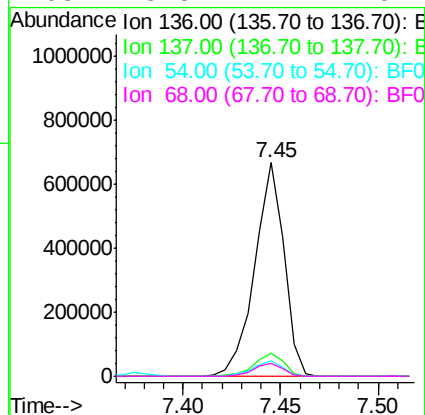
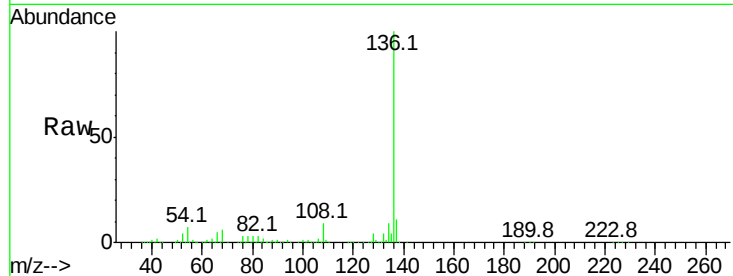
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.45 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	693053		
137	10.7		8.5	12.7
54	7.0		4.9	7.3
68	5.8		4.1	6.1

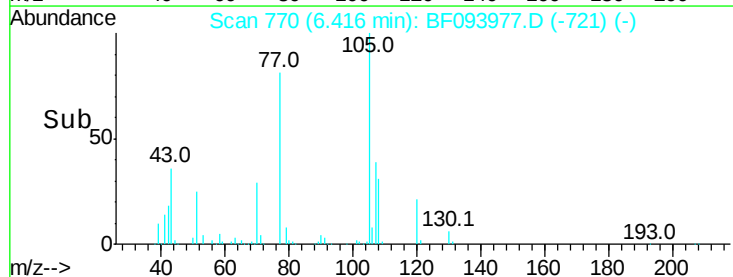
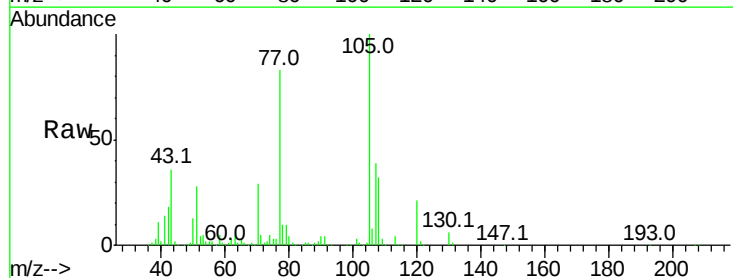
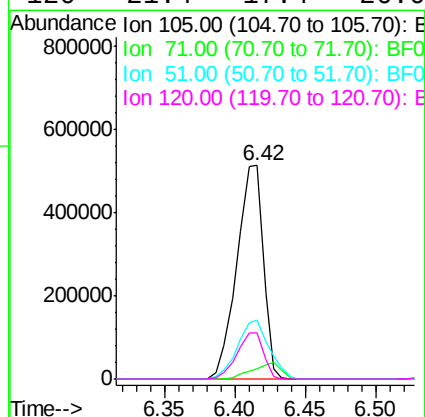
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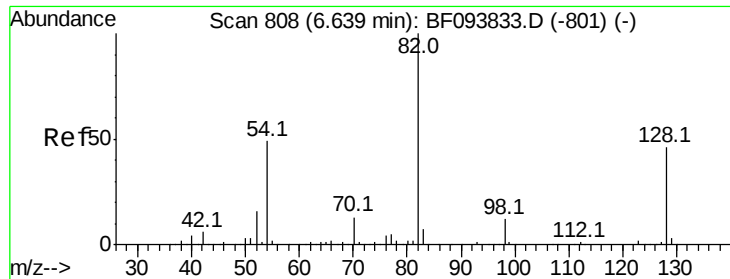
mohammad
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#22
Acetophenone
Concen: 43.59 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	673363		
71	4.6		2.8	4.2#
51	27.8		30.7	46.1#
120	21.4		17.4	26.0





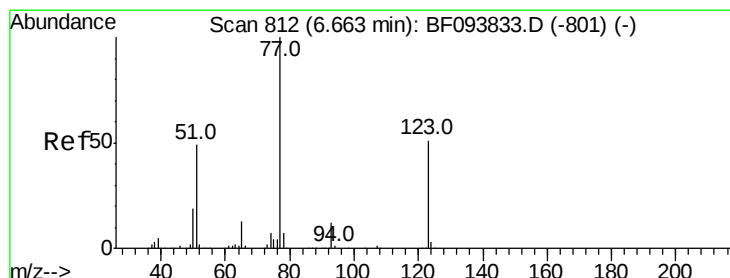
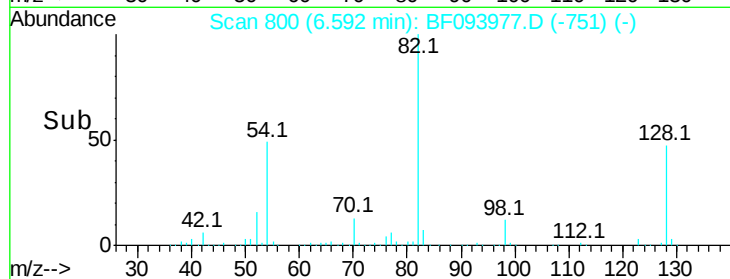
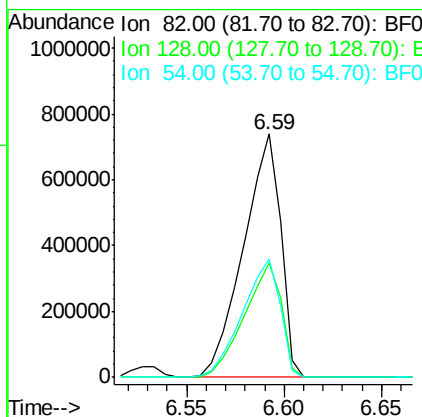
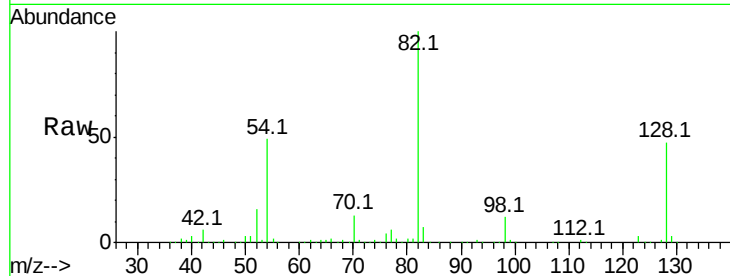
#23
 Nitrobenzene-d5
 Concen: 80.53 ng
 RT: 6.59 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.9	34.0	51.0	
54	48.6	42.2	63.2	

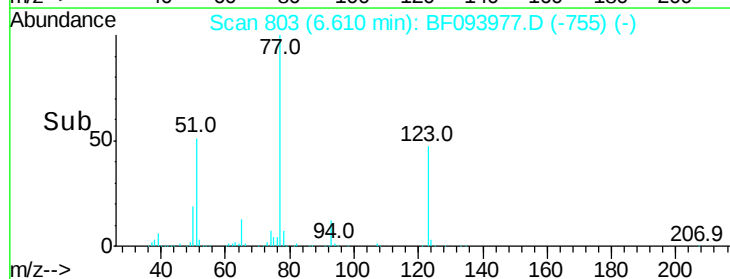
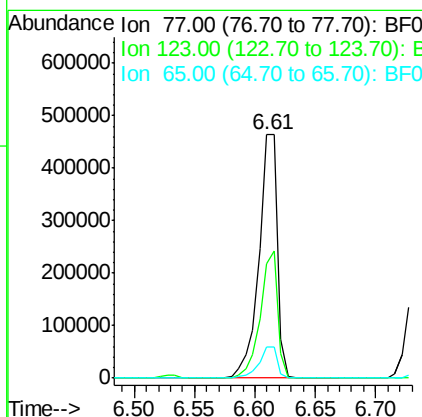
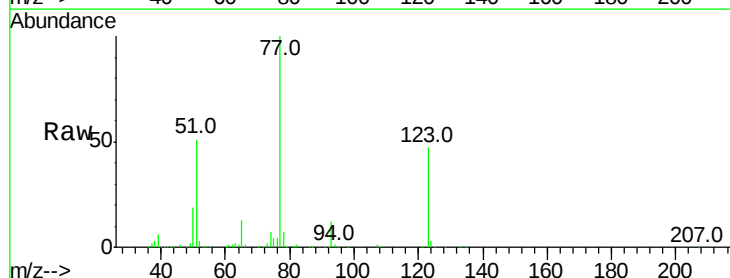
Manual Integrations
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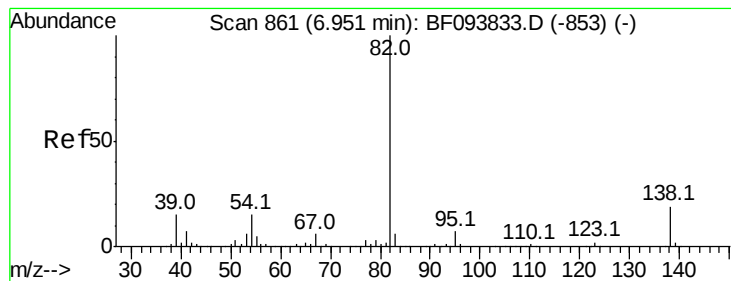
mohammad
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#24
 Nitrobenzene
 Concen: 41.59 ng
 RT: 6.61 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.9	35.8	53.8	
65	12.9	10.6	15.8	





#25

Isophorone

Concen: 42.10 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

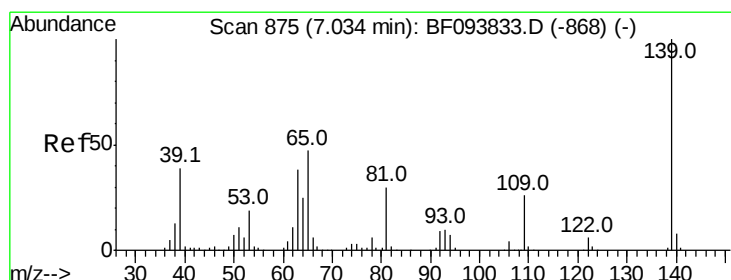
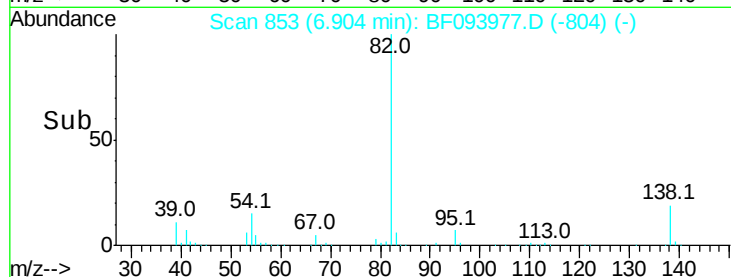
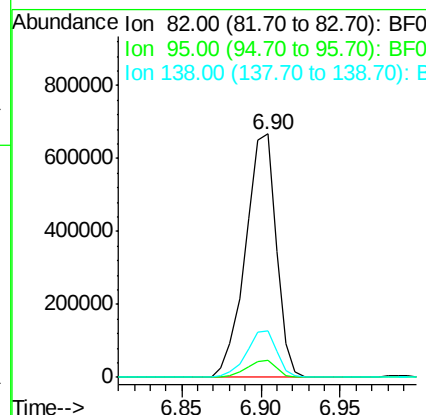
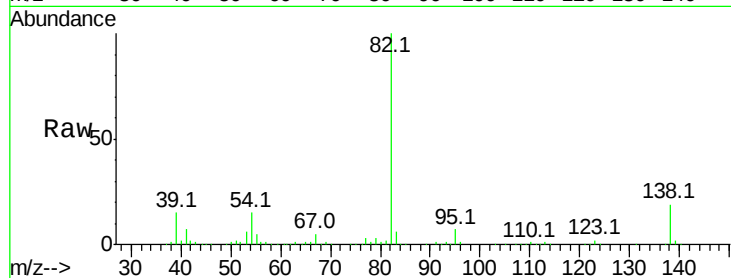
ClientSampleId :

PB97833BSD

Tot Ion:	82	Resp:	898377
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	19.2	13.1	19.7

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#26

2-Nitrophenol

Concen: 46.46 ng

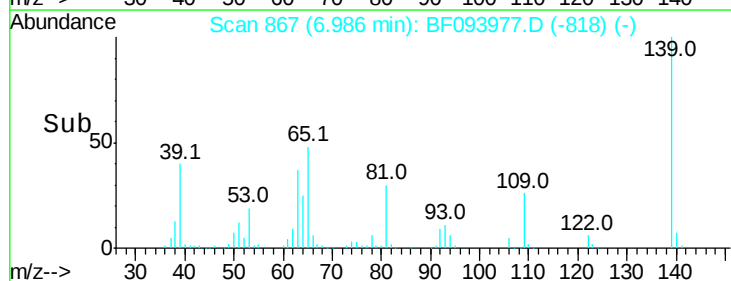
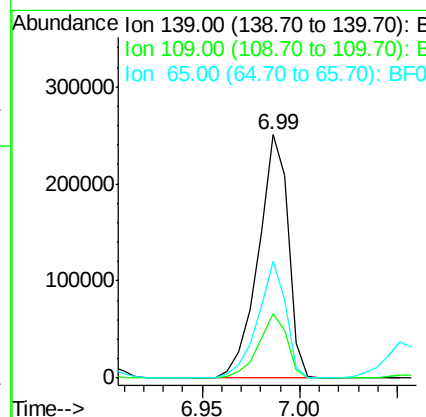
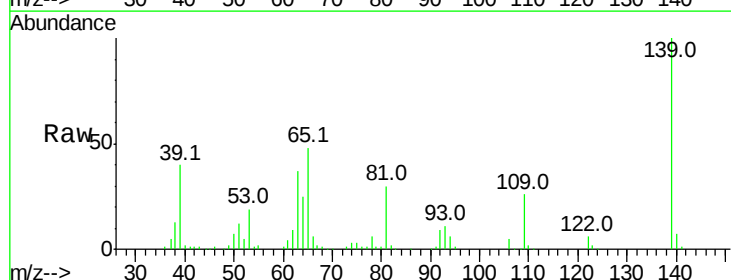
RT: 6.99 min Scan# 867

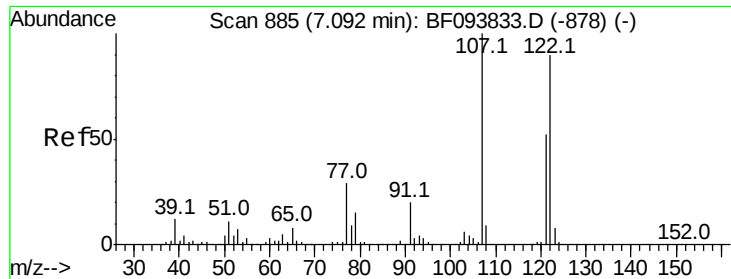
Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Tgt Ion:	139	Resp:	265358
Ion Ratio	Lower	Upper	
139	100		
109	26.4	21.0	31.6
65	48.1	33.0	49.6





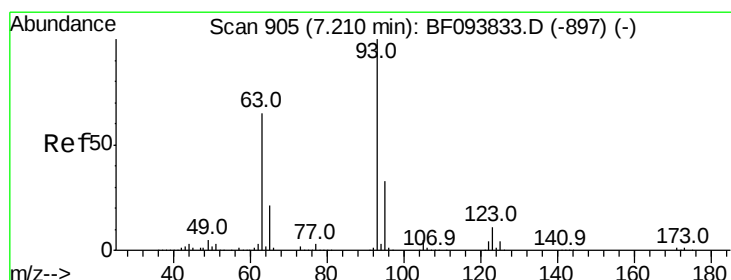
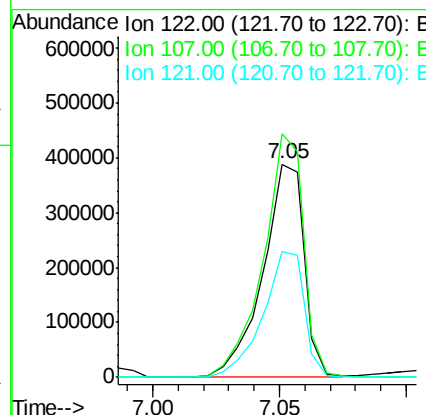
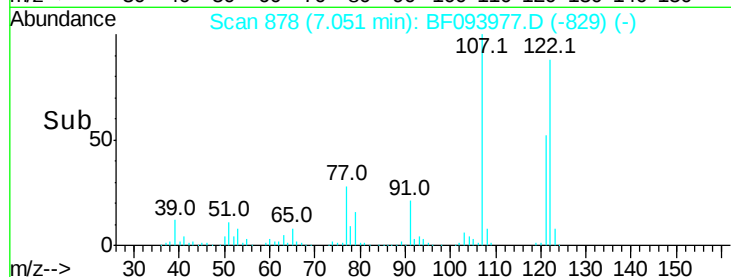
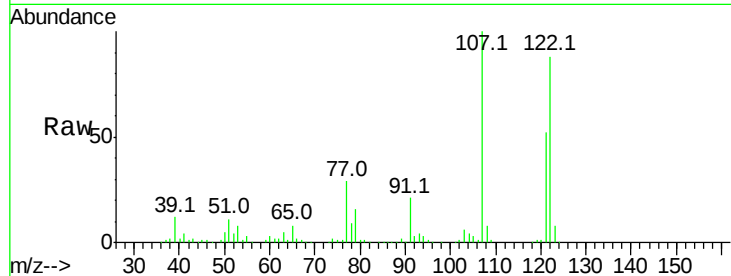
#27
2,4-Dimethylphenol
Concen: 45.08 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	89.2	133.8
121	58.9	45.2	67.8

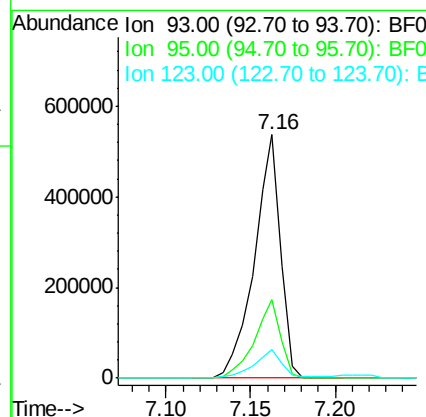
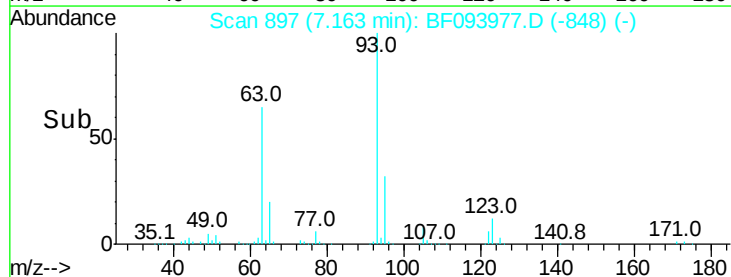
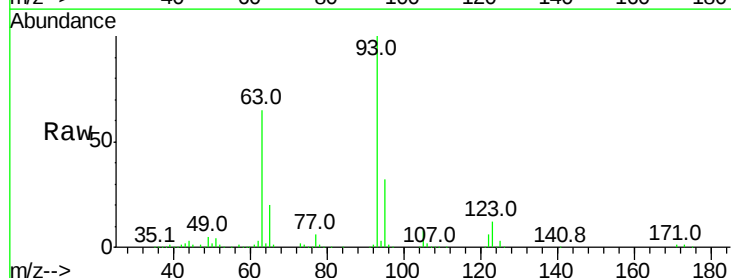
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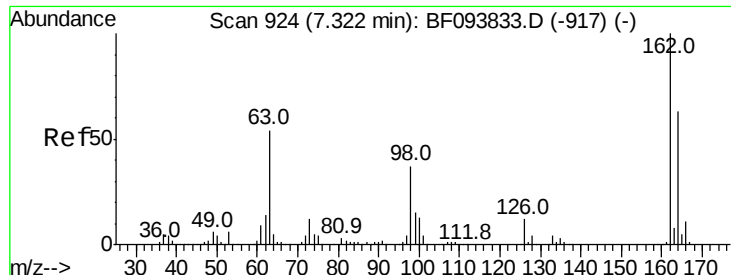
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.10 ng
RT: 7.16 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	11.7	9.0	13.4





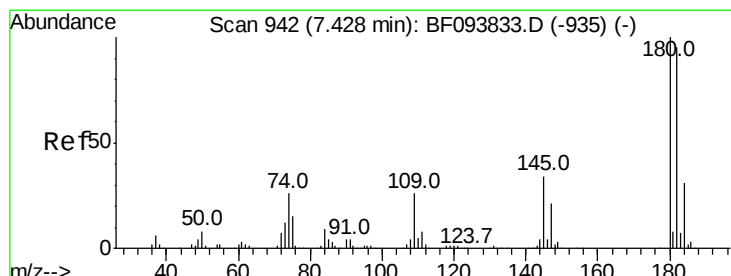
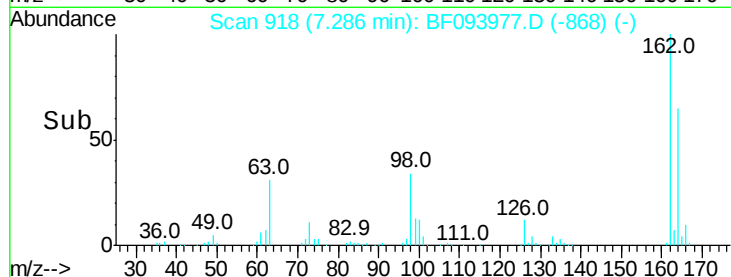
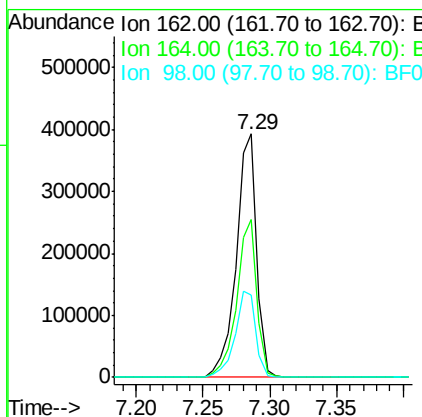
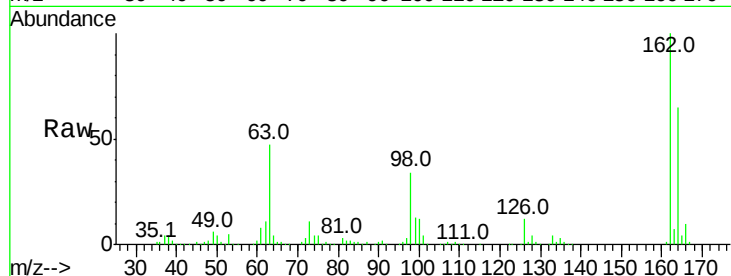
#29
 2,4-Dichlorophenol
 Concen: 45.65 ng
 RT: 7.29 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion:	162	Resp:	420031
Ion Ratio	Lower	Upper	
162	100		
164	64.9	44.6	84.6
98	33.8	14.8	54.8

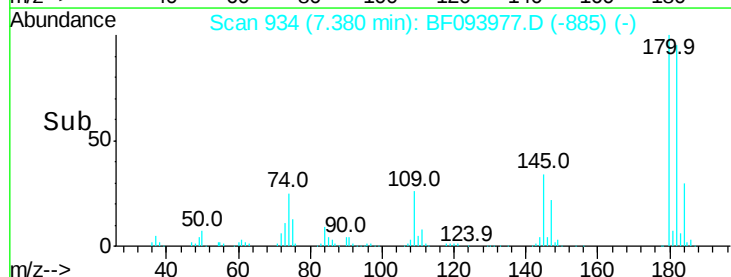
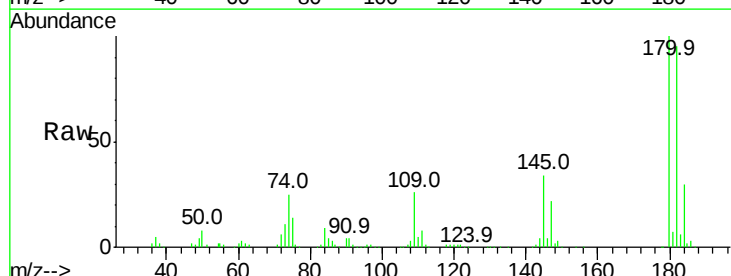
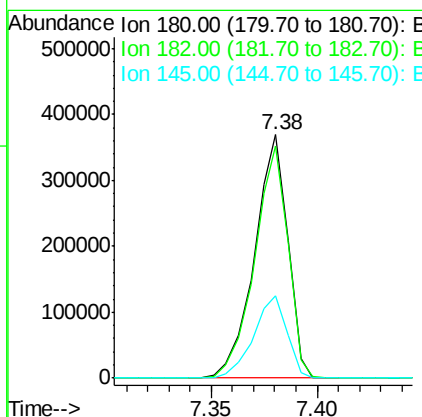
Manual Integrations
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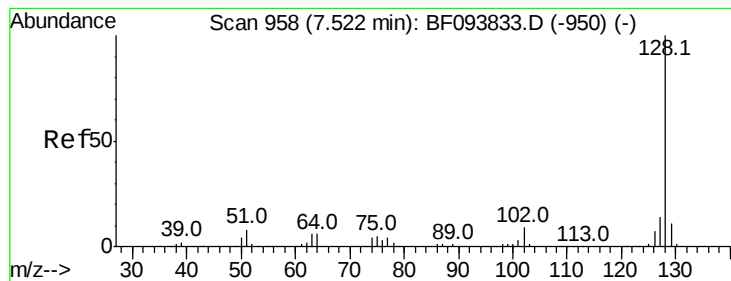
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.54 ng
 RT: 7.38 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion:	180	Resp:	403164
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.8	113.6
145	33.9	25.3	37.9





#31

Naphthalene

Concen: 40.93 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

Tot Ion:128 Resp: 1363892

Ion Ratio Lower Upper

128 100

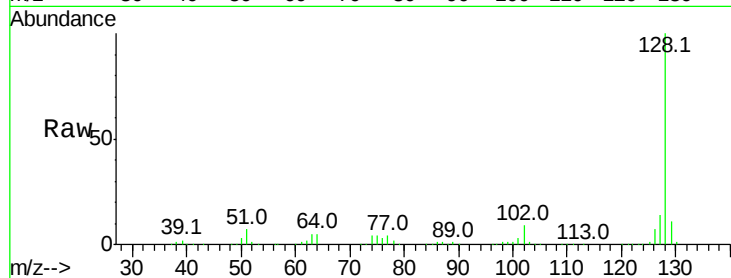
129 11.1 9.0 13.6

127 13.6 10.8 16.2

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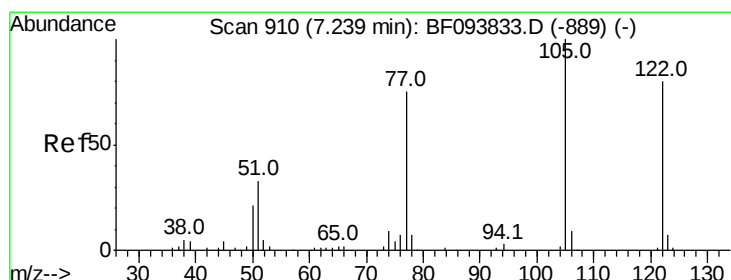
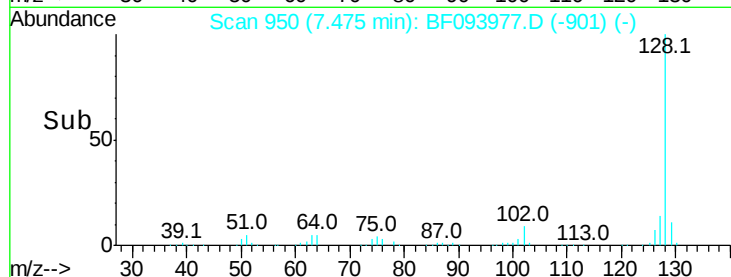
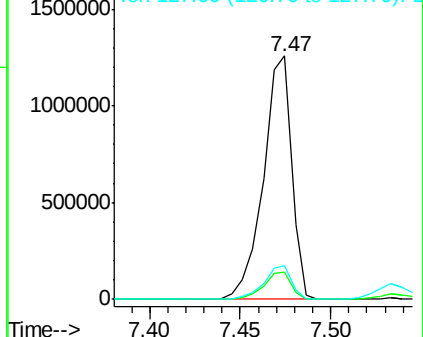
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.98 ng

RT: 7.22 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

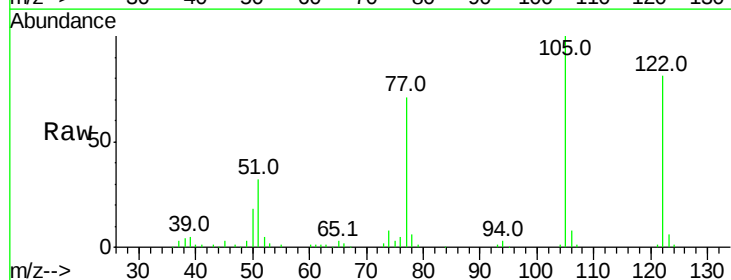
Tgt Ion:122 Resp: 314331

Ion Ratio Lower Upper

122 100

105 123.3 103.3 143.3

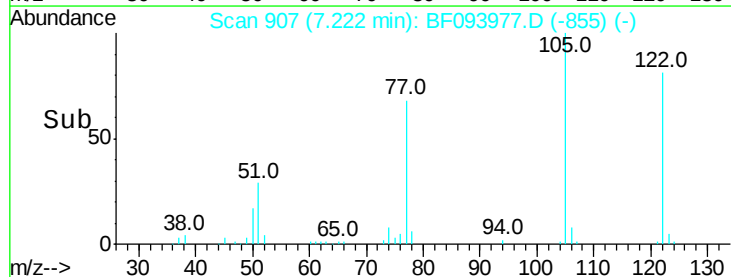
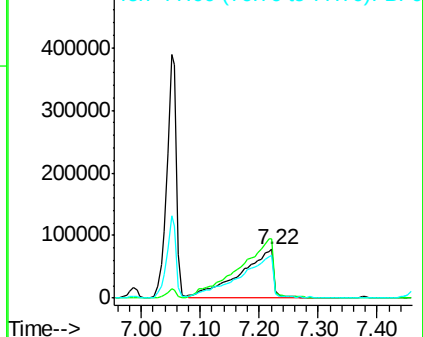
77 87.5 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





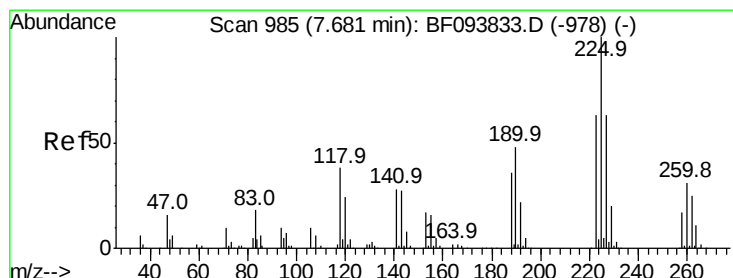
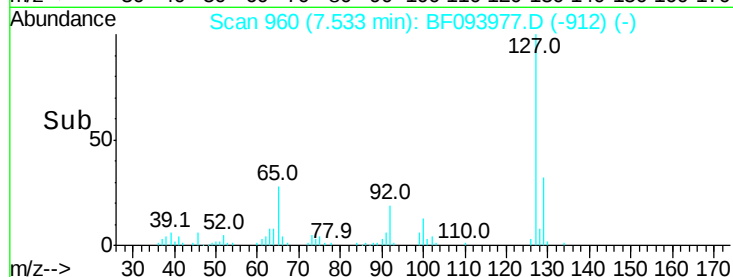
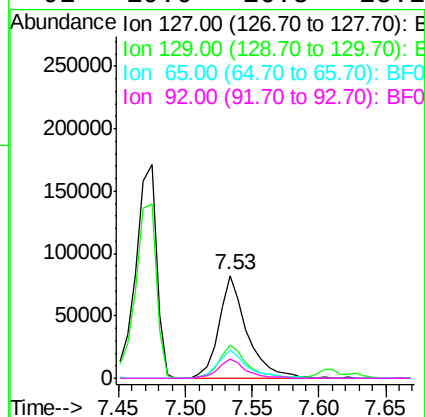
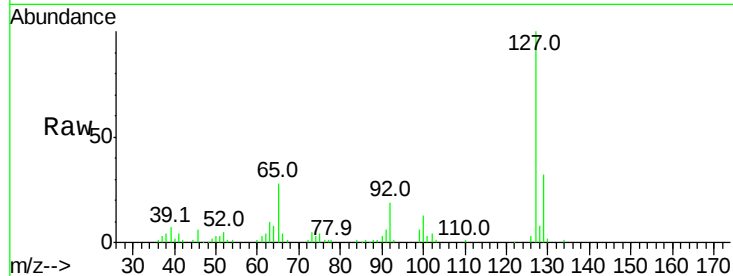
#33
4-Chloroaniline
Concen: 9.00 ng
RT: 7.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.8	26.2	39.2
65	27.8	27.8	41.8
92	19.0	16.8	25.2

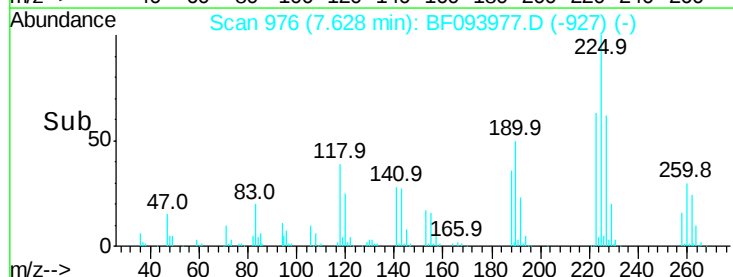
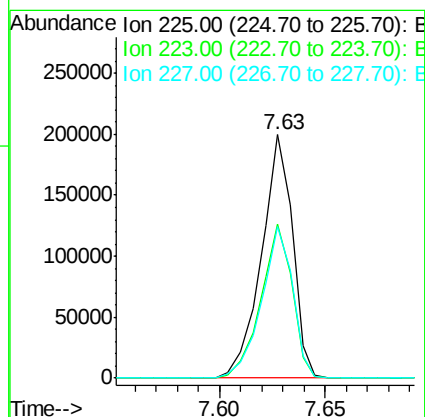
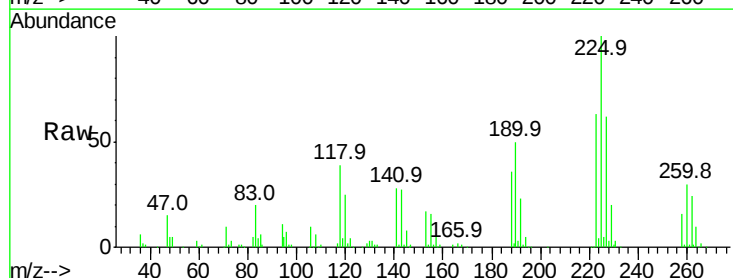
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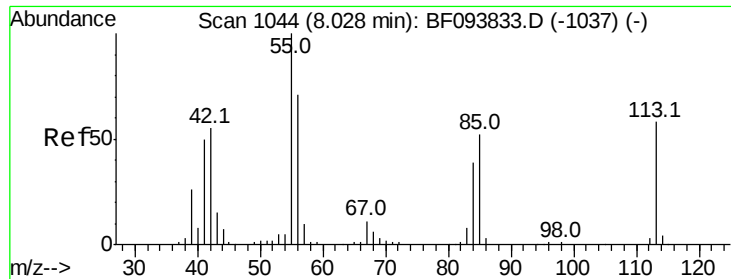
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#34
Hexachlorobutadiene
Concen: 42.11 ng
RT: 7.63 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.1	48.8	73.2
227	62.4	51.1	76.7





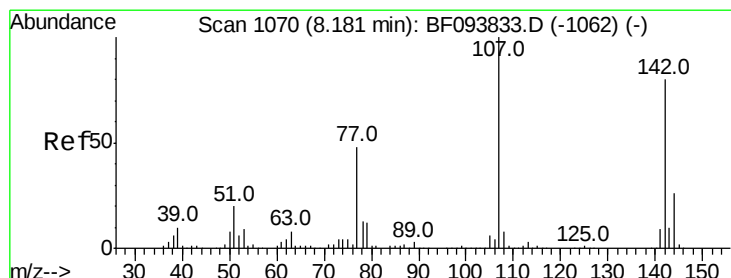
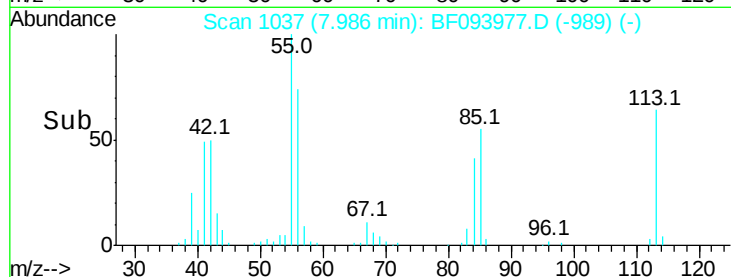
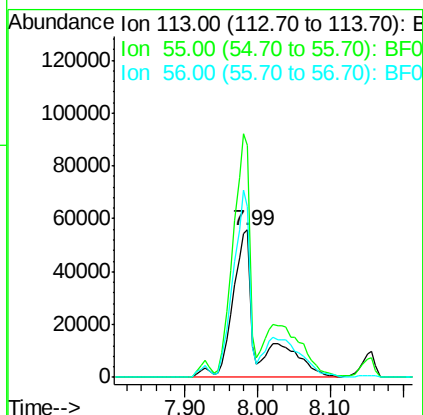
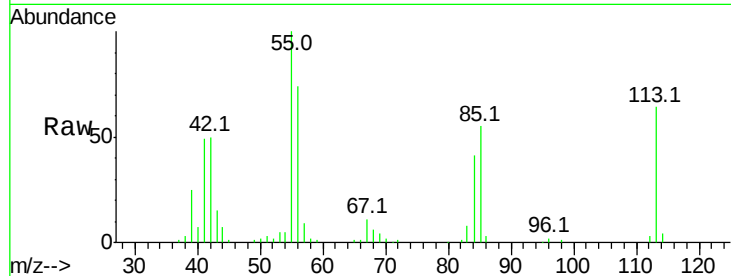
#35
 Caprolactam
 Concen: 46.52 ng/ml
 RT: 7.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		136508		
55	157.1	150.2	190.2		
56	115.8	107.8	147.8		

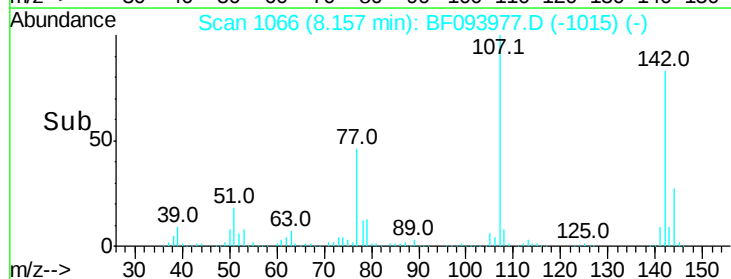
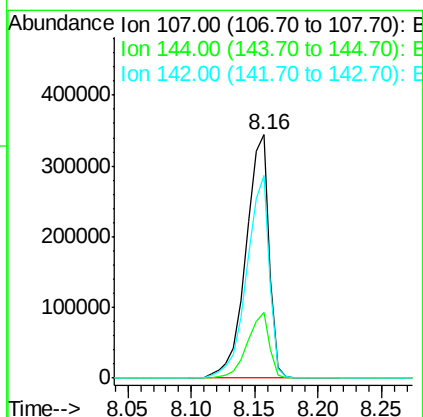
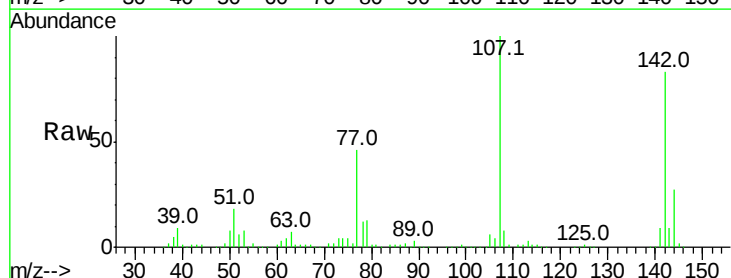
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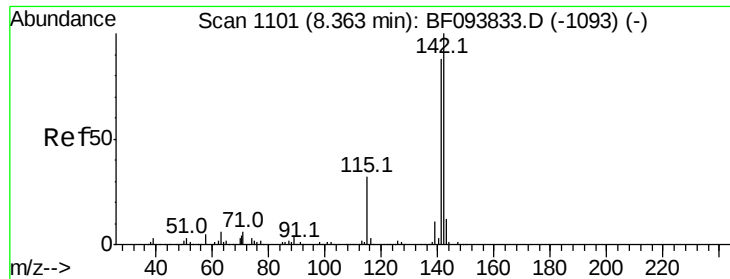
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#36
 4-Chloro-3-methylphenol
 Concen: 45.36 ng/ml
 RT: 8.16 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		436195		
144	26.7	24.2	36.4		
142	83.4	73.4	110.0		





#37

2-Methylnaphthalene

Concen: 42.19 ng

RT: 8.32 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

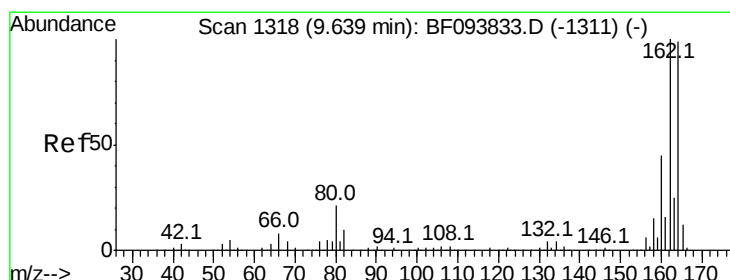
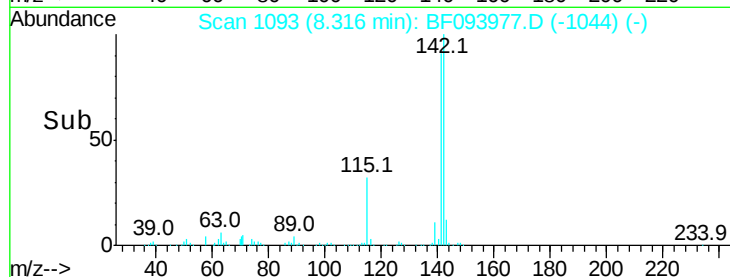
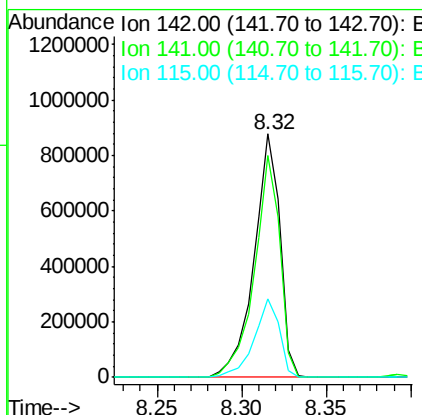
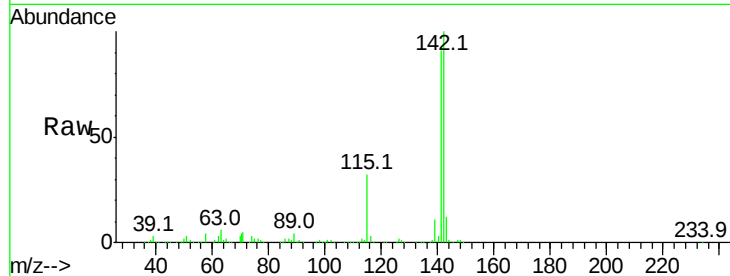
Instrument :
BNA_F

ClientSampleId :
PB97833BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.3	106.9
115	32.5	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.00 ng

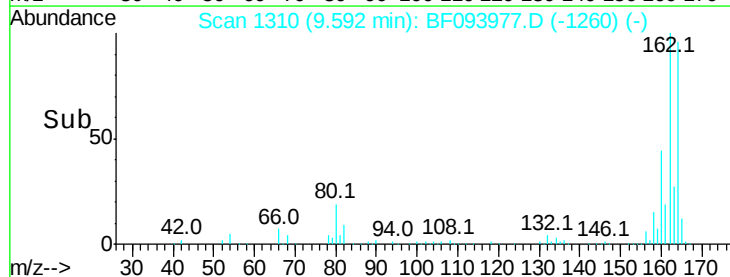
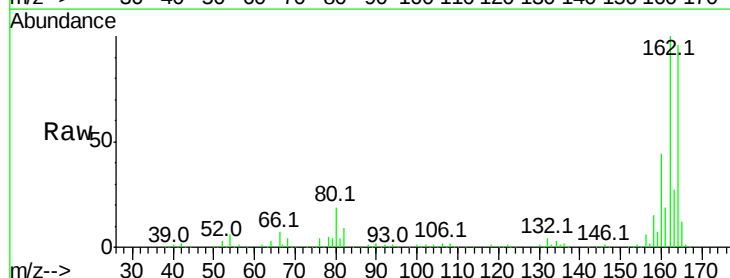
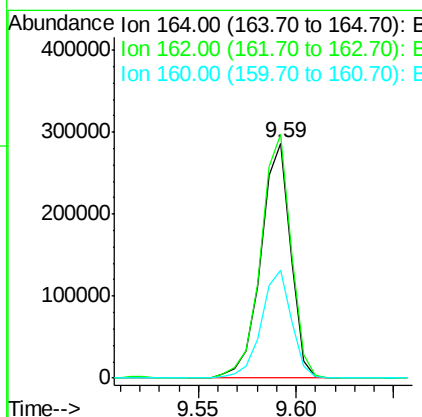
RT: 9.59 min Scan# 1310

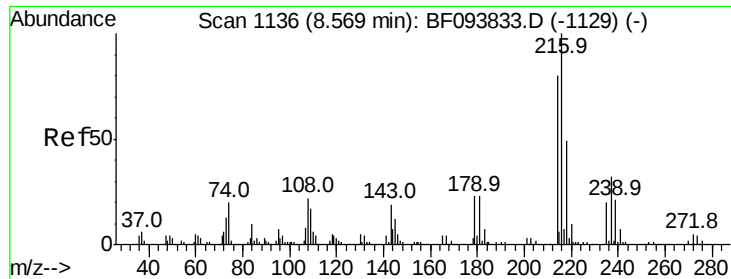
Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	45.9	36.2	54.2





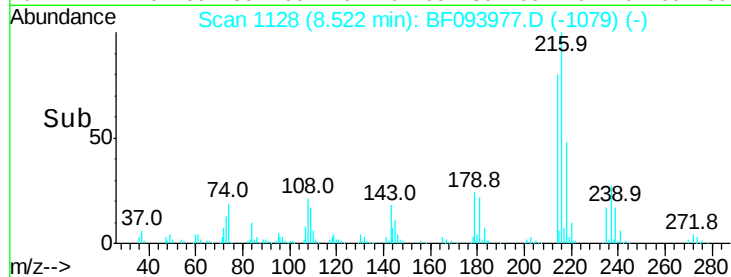
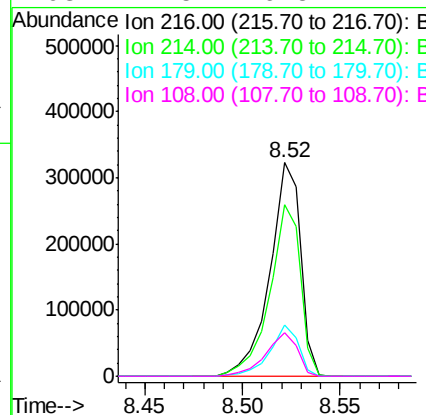
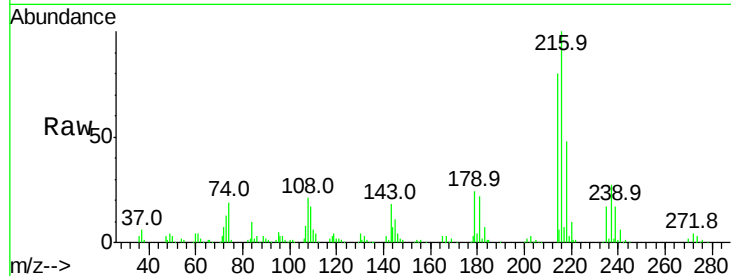
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.55 ng
 RT: 8.52 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.8	63.4	95.2
179	22.5	17.9	26.9
108	21.5	16.5	24.7

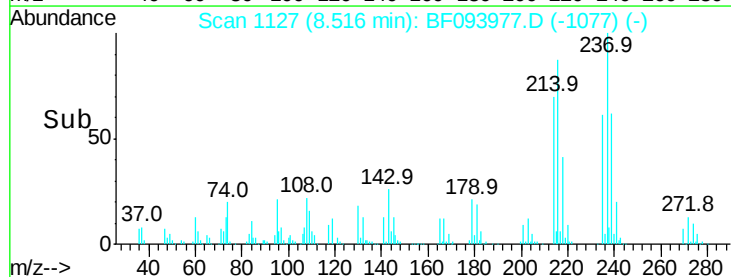
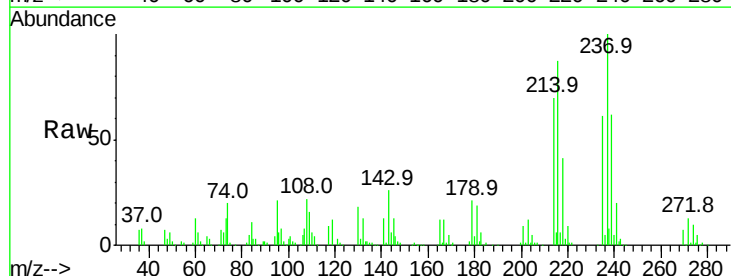
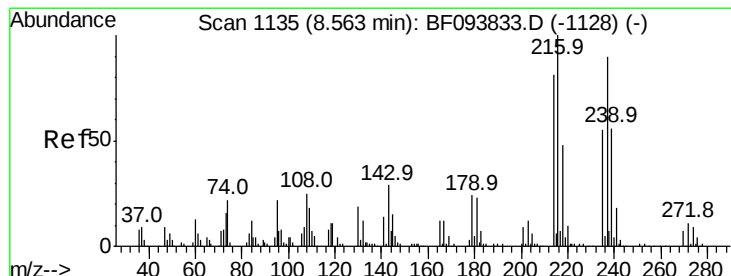
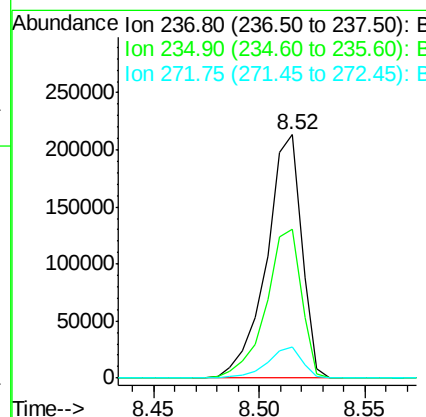
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#40
 Hexachlorocyclopentadiene
 Concen: 64.05 ng
 RT: 8.52 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.3	42.6	82.6
272	12.9	0.0	31.9





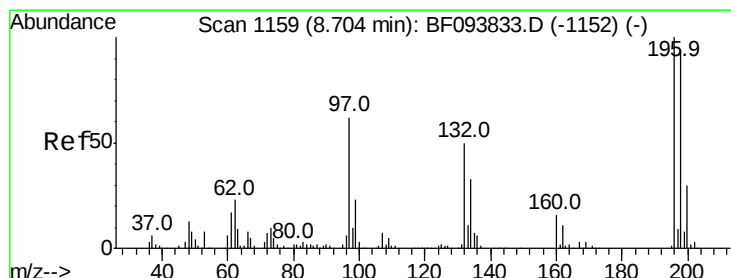
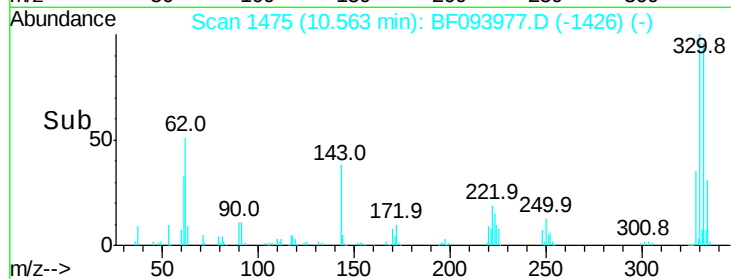
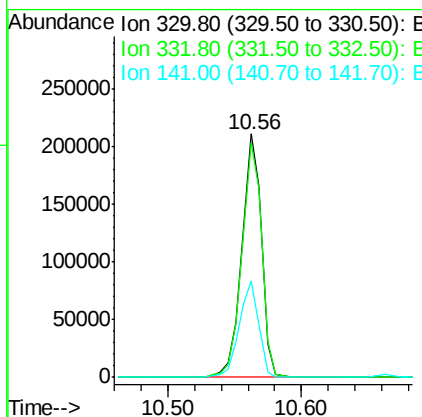
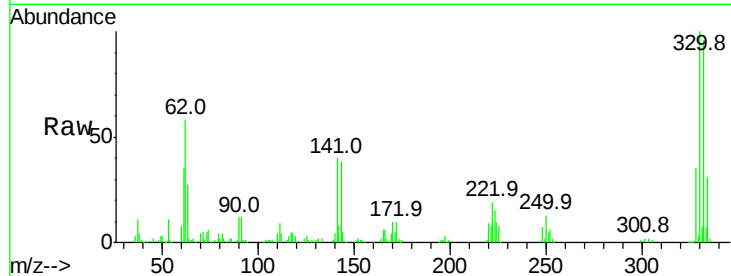
#41
 2,4,6-Tribromophenol
 Concen: 90.05 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampled :
 PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	215086		
332	97.5	76.6	115.0	
141	39.8	31.4	47.2	

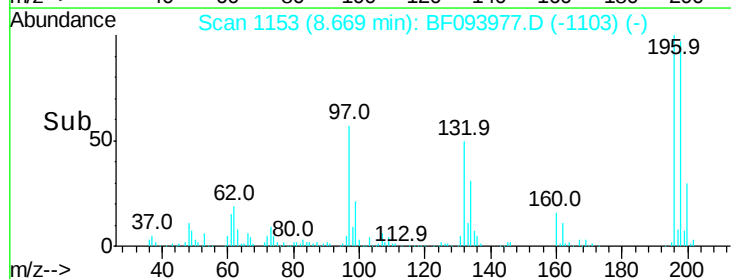
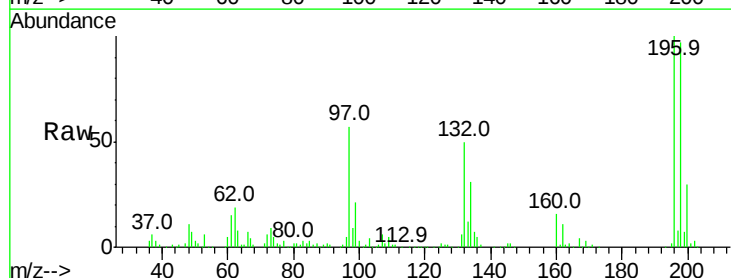
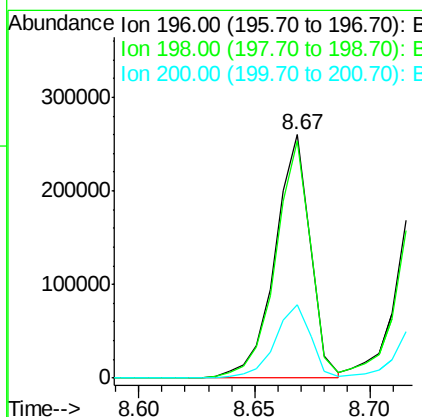
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#42
 2,4,6-Trichlorophenol
 Concen: 46.95 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	274665		
198	97.2	74.2	111.4	
200	30.3	24.0	36.0	





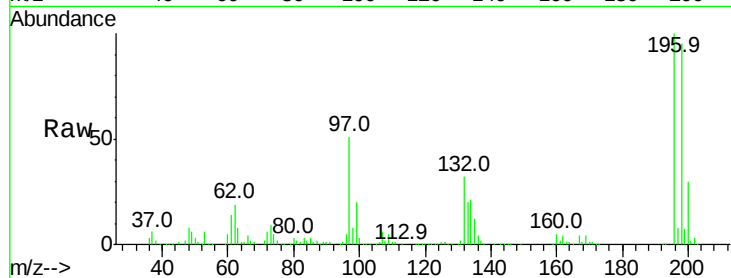
#43
 2,4,5-Trichlorophenol
 Concen: 44.24 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	280066		
198	95.1		75.7	113.5
97	50.8		47.7	71.5
132	31.7		28.0	42.0

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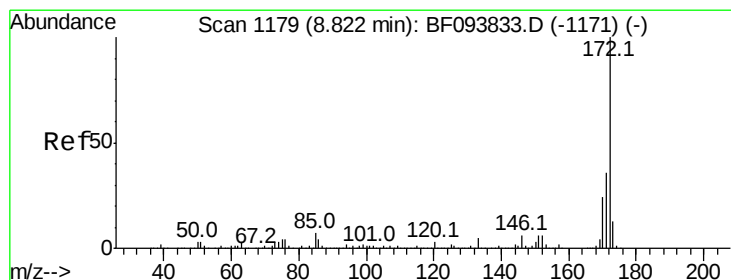
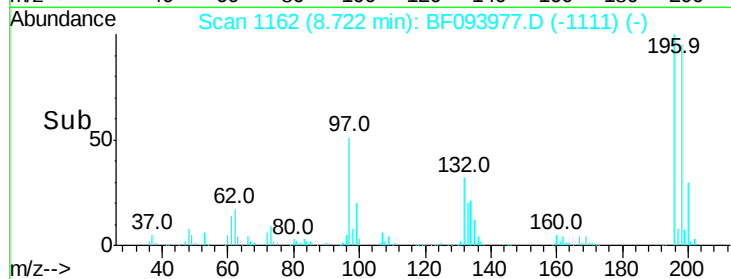
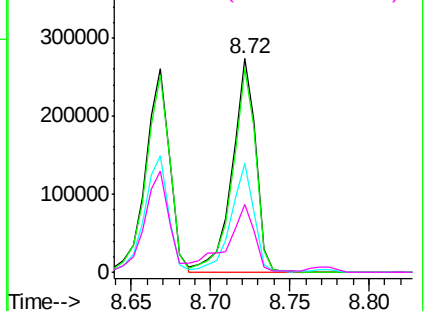
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

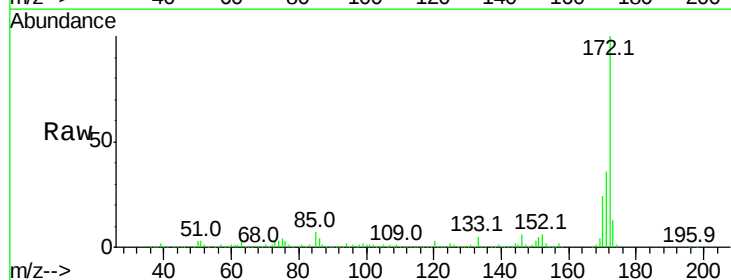
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.56 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1735245		
171	36.5		29.6	44.4
170	23.9		19.8	29.8

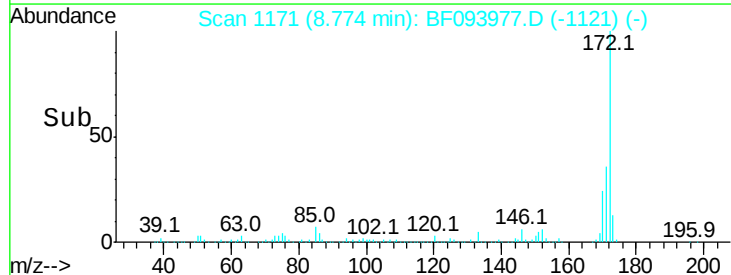
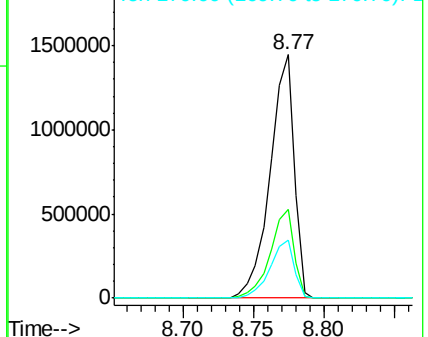


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





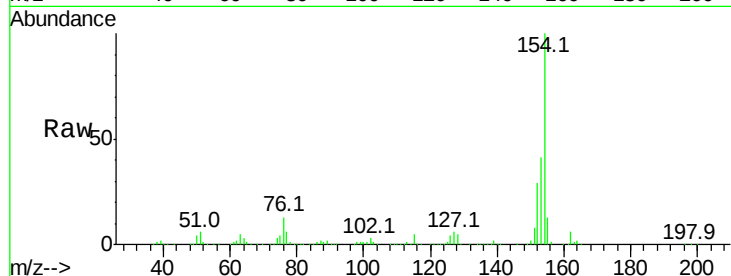
#45
 1,1'-Biphenyl
 Concen: 43.09 ng
 RT: 8.89 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

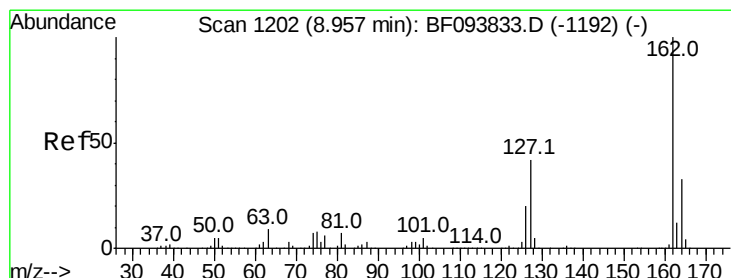
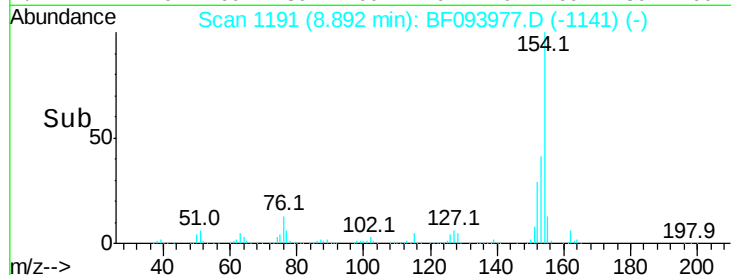
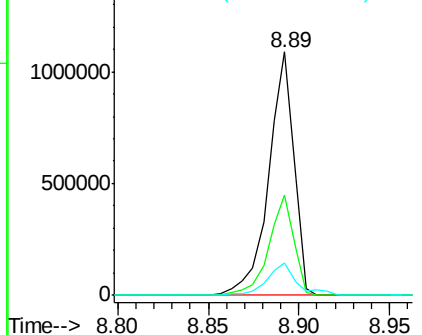
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	13.3	0.0	29.9

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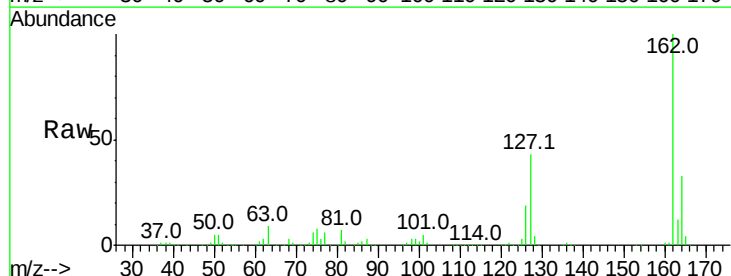


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

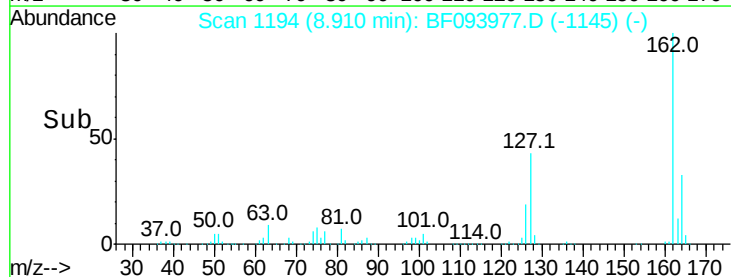
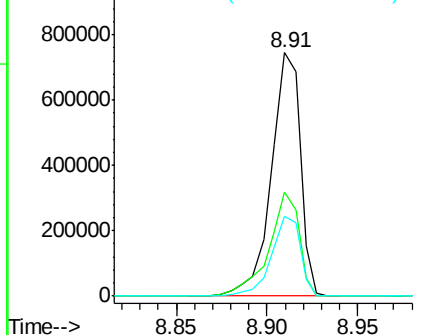


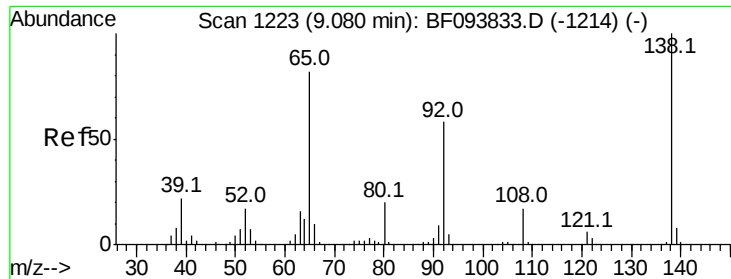
#46
 2-Chloronaphthalene
 Concen: 43.43 ng
 RT: 8.91 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.5	28.3	42.5#
164	32.8	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





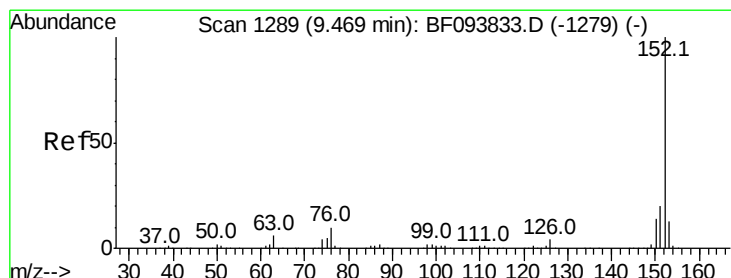
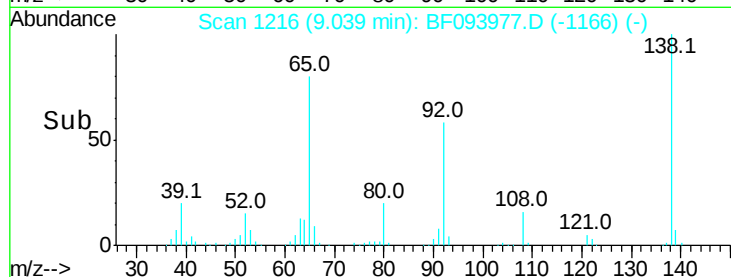
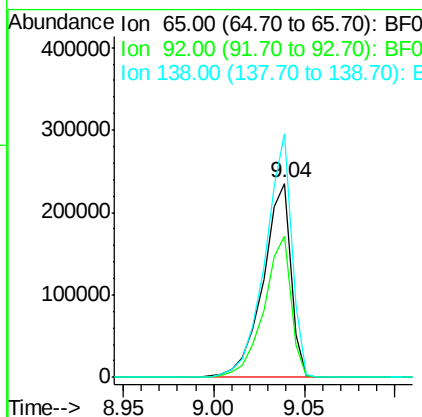
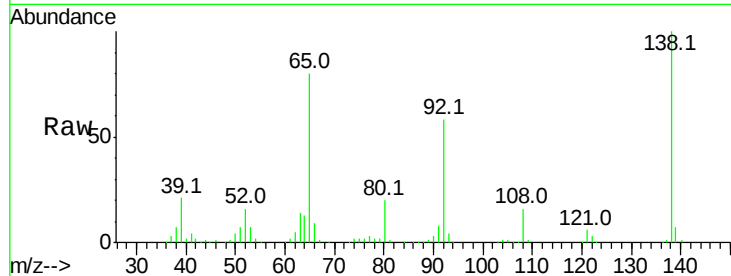
#47
2-Nitroaniline
Concen: 44.42 ng
RT: 9.04 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.0	53.9	80.9
138	125.4	78.8	118.2

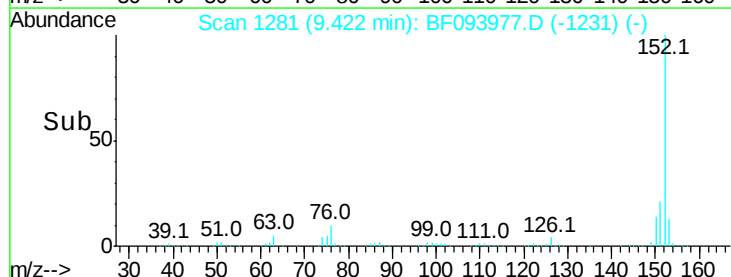
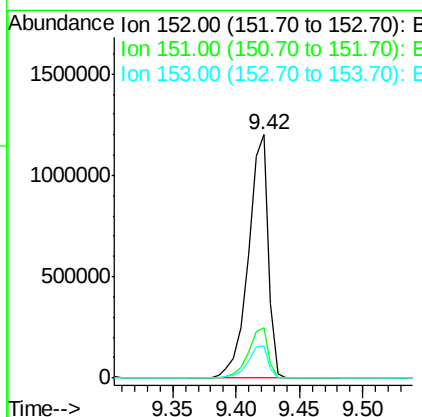
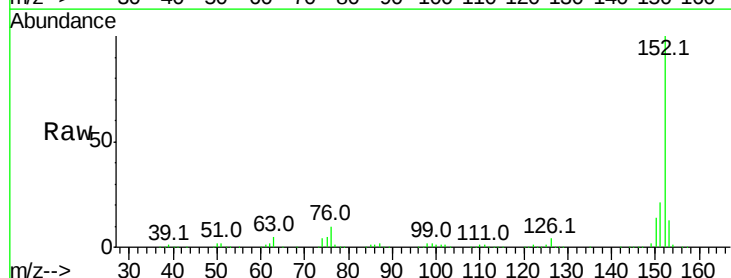
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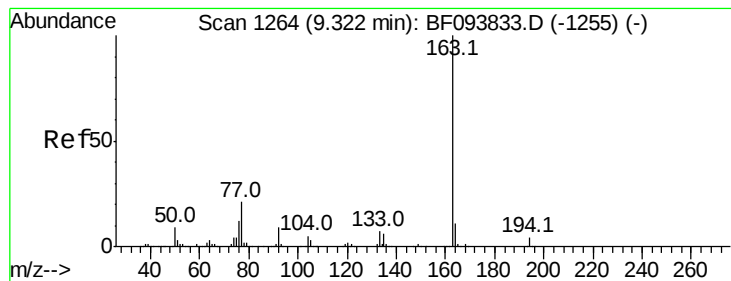
mohammad
3/28/2017 3:43:36 PM



#48
Acenaphthylene
Concen: 41.15 ng
RT: 9.42 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.2	10.8	16.2





#49

Dimethylphthalate

Concen: 46.29 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

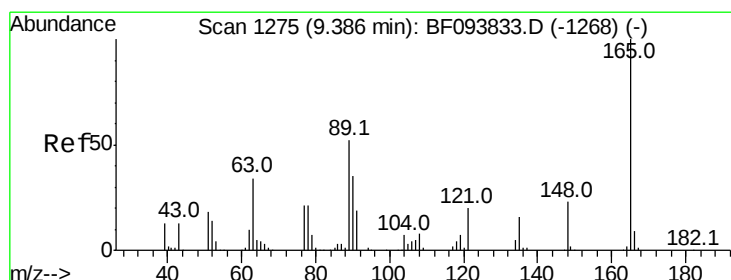
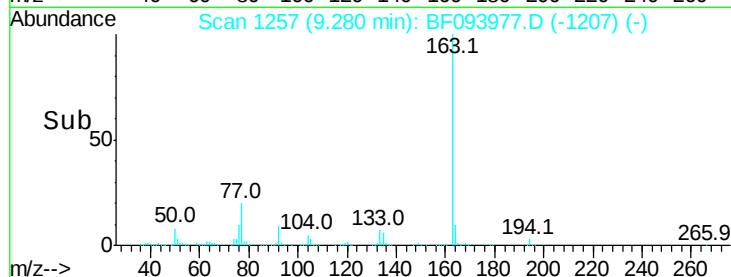
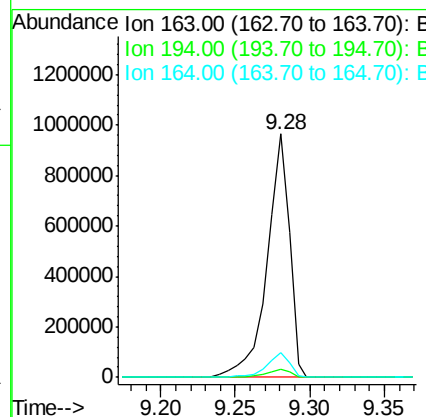
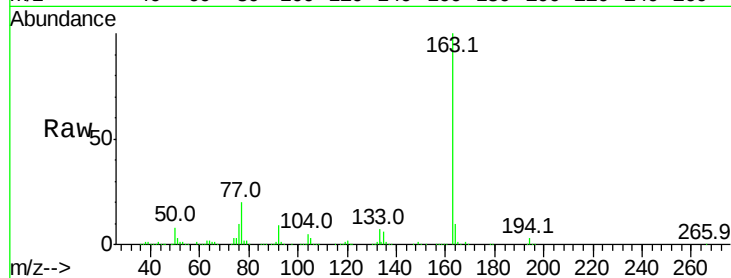
ClientSampleId :

PB97833BSD

Tot Ion:	163	Resp:	994559
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	9.9	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 44.10 ng

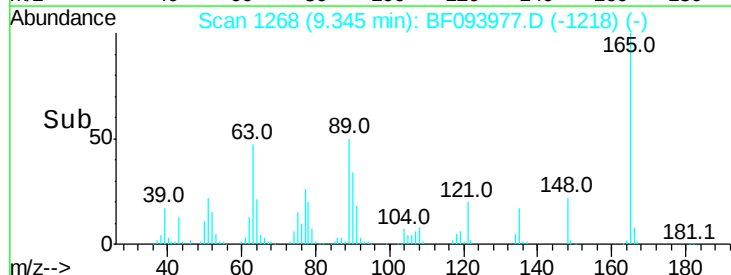
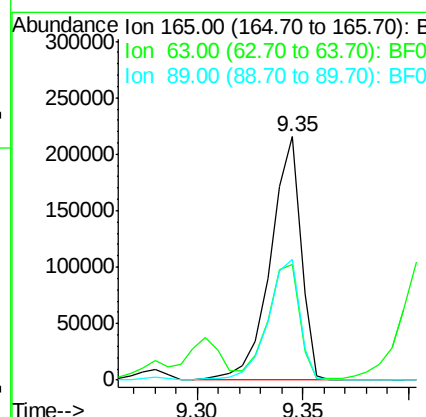
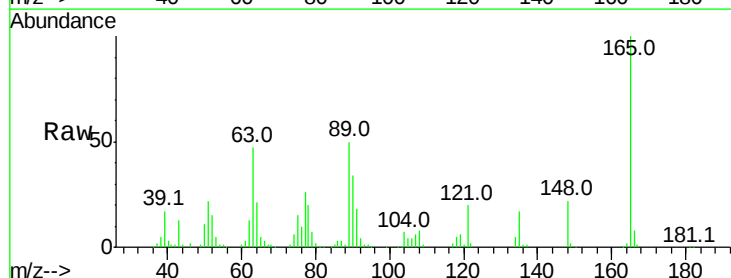
RT: 9.35 min Scan# 1268

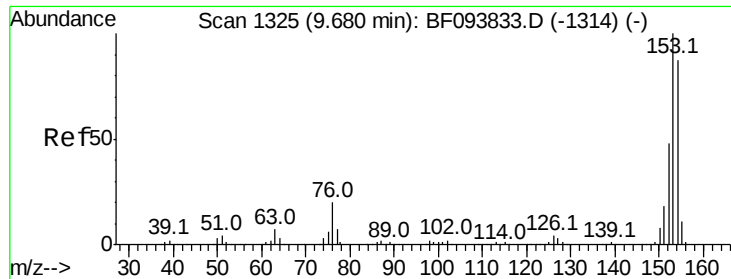
Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Tgt Ion:	165	Resp:	217189
Ion Ratio	Lower	Upper	
165	100		
63	47.3	34.3	51.5
89	49.6	37.1	55.7





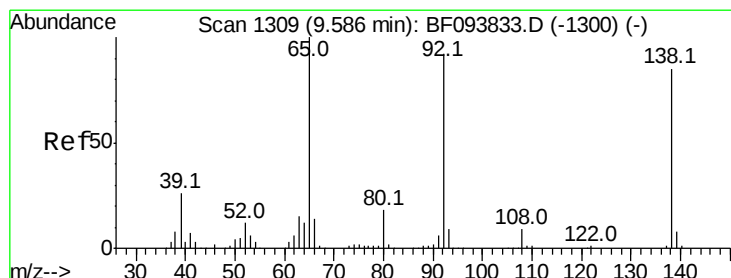
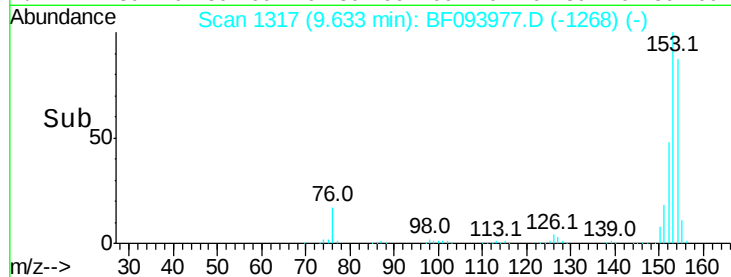
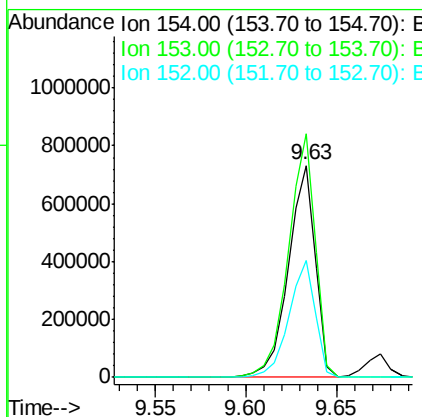
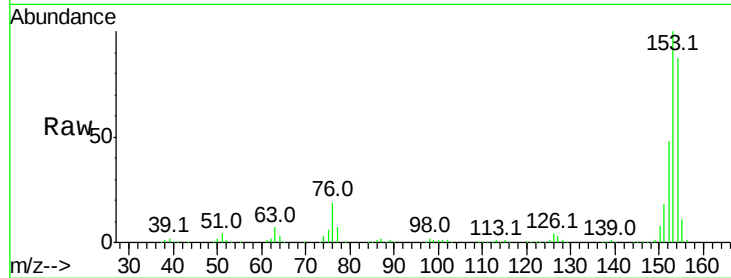
#51
Acenaphthene
Concen: 41.34 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.9	90.5	135.7
152	54.9	43.6	65.4

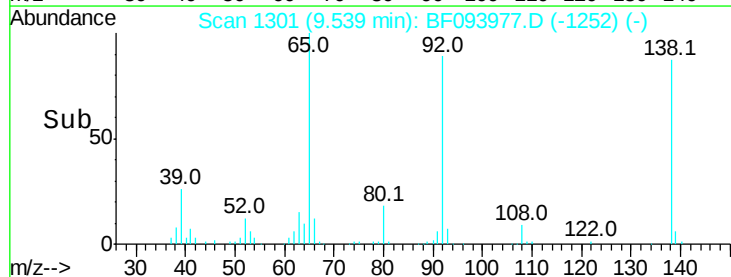
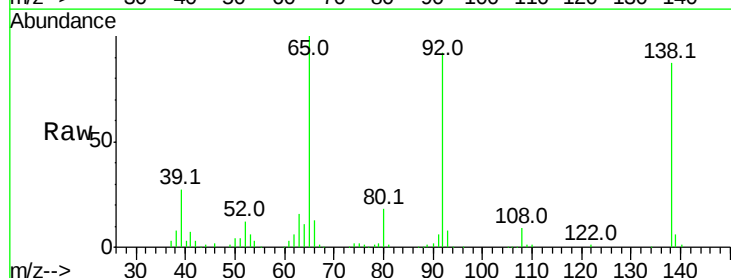
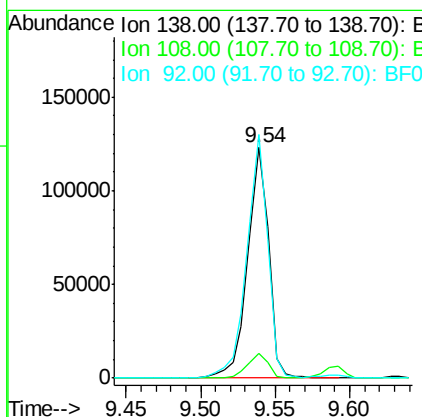
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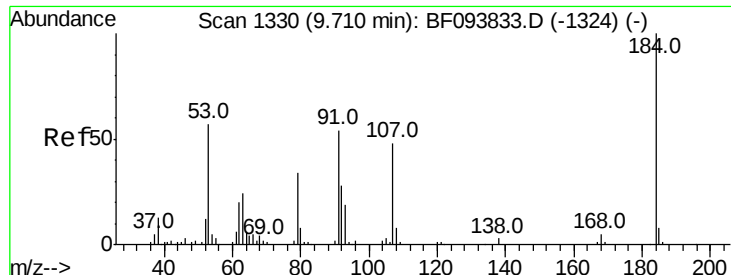
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#52
3-Nitroaniline
Concen: 20.66 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.1	13.7
92	105.8	93.8	140.6





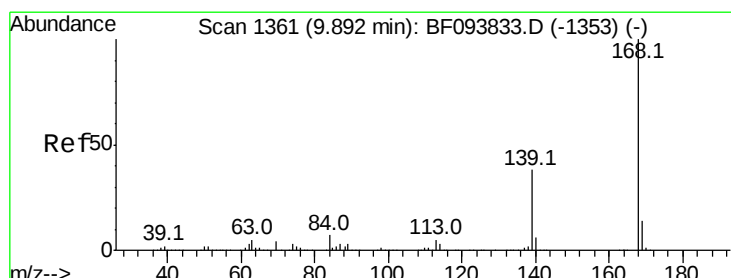
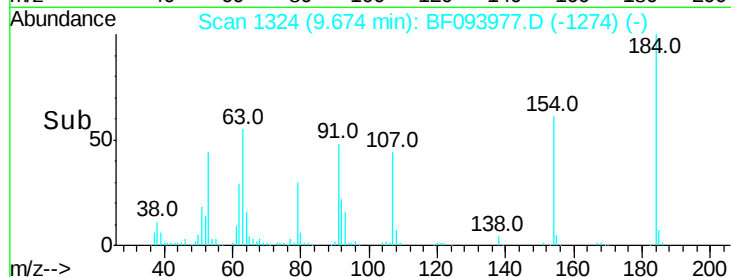
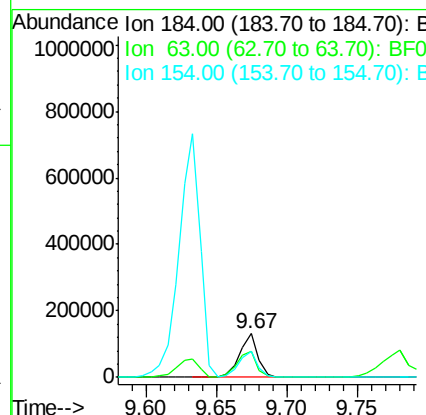
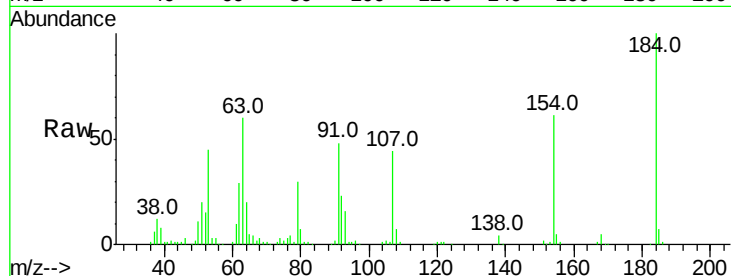
#53
 2,4-Dinitrophenol
 Concen: 46.96 ng
 RT: 9.67 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	59.9	62.7	94.1#	
154	61.4	81.1	121.7#	

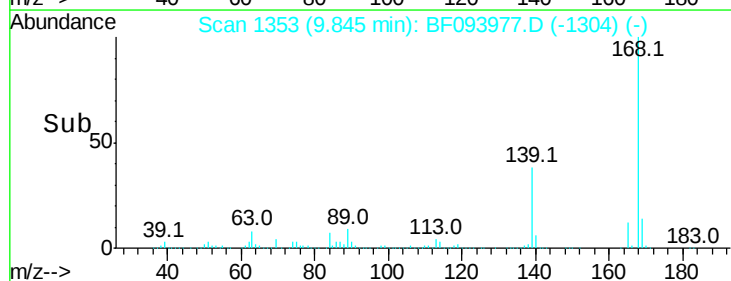
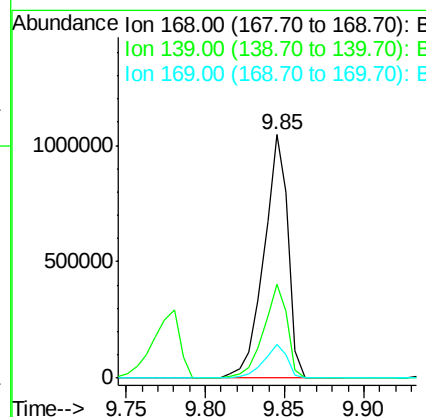
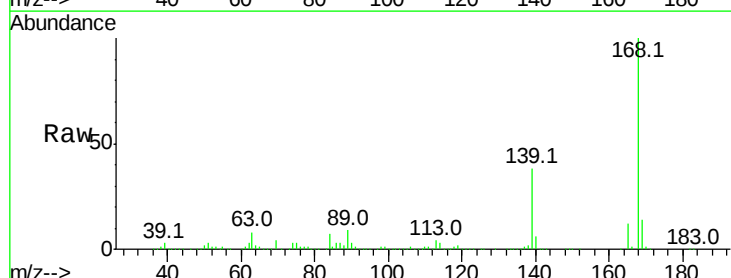
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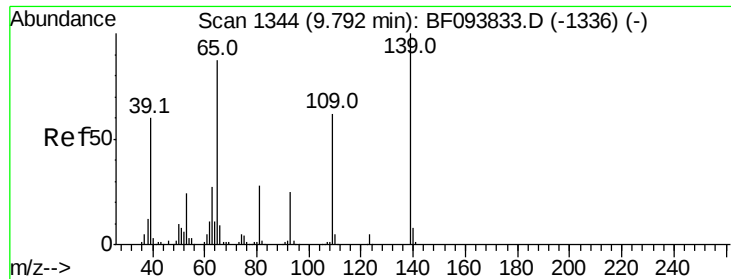
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#54
 Dibenzofuran
 Concen: 44.17 ng
 RT: 9.85 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.3	30.6	45.8	
169	13.6	10.8	16.2	





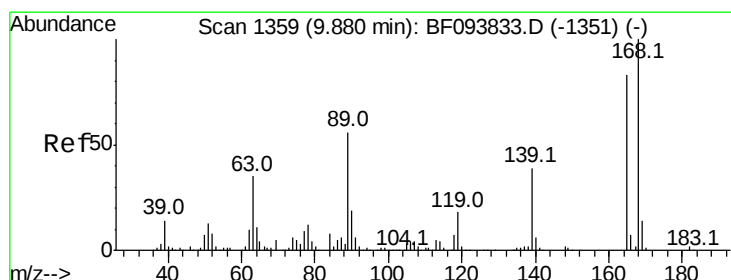
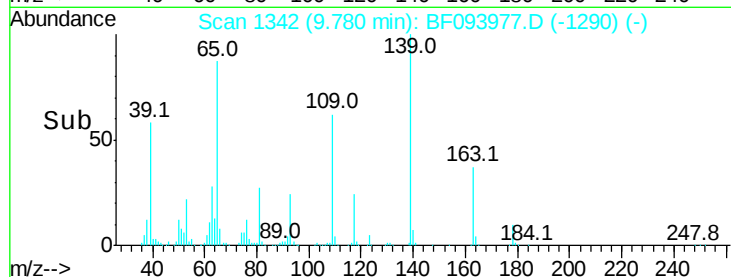
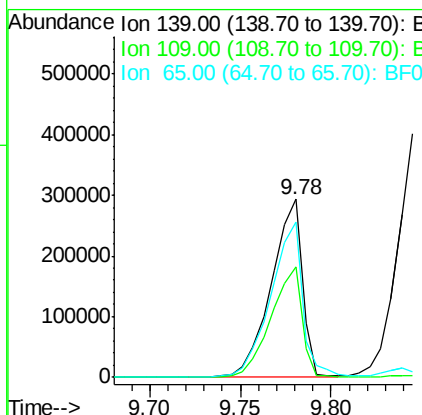
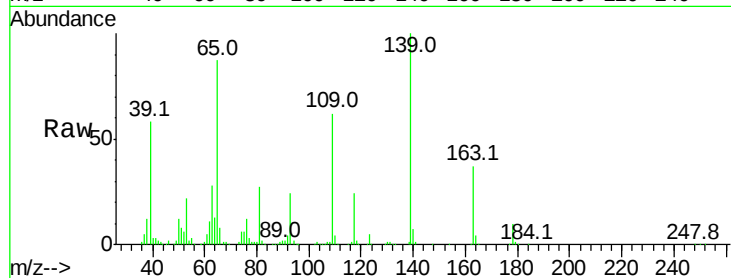
#55
4-Nitrophenol
Concen: 77.39 ng
RT: 9.78 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	62.3	34.1	74.1	
65	86.9	31.4	71.4	

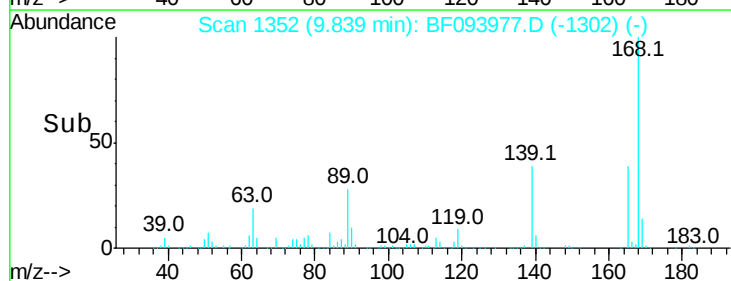
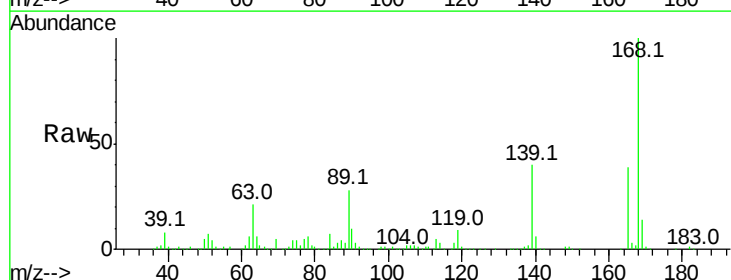
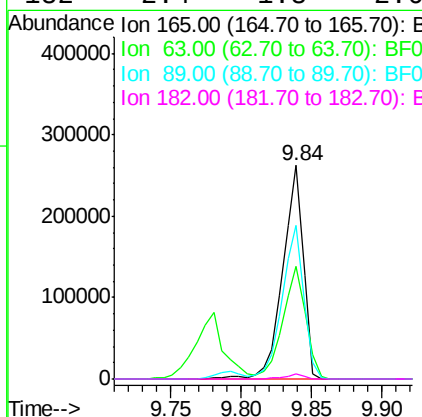
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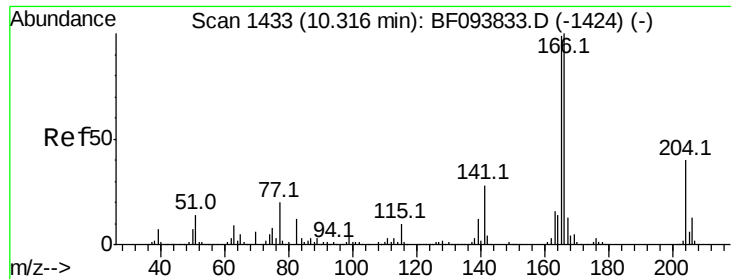
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#56
2,4-Dinitrotoluene
Concen: 43.07 ng
RT: 9.84 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.9	25.4	38.0	
89	71.9	46.4	69.6	
182	2.4	1.8	2.6	





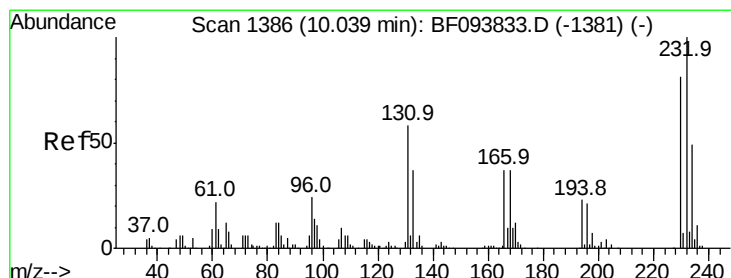
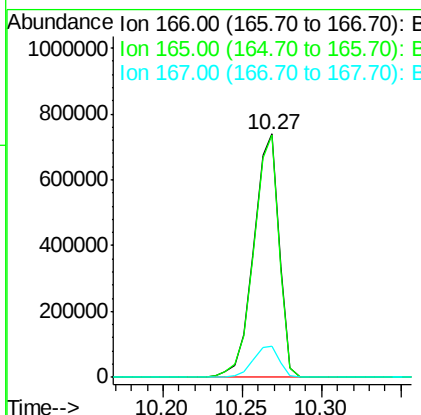
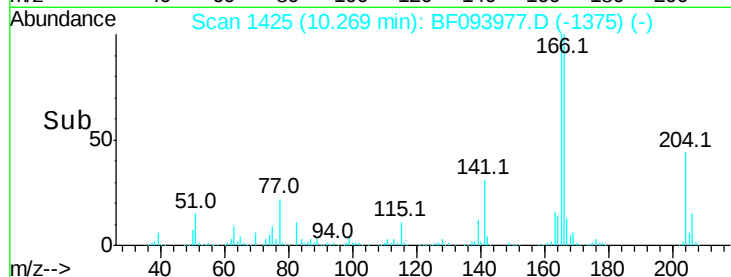
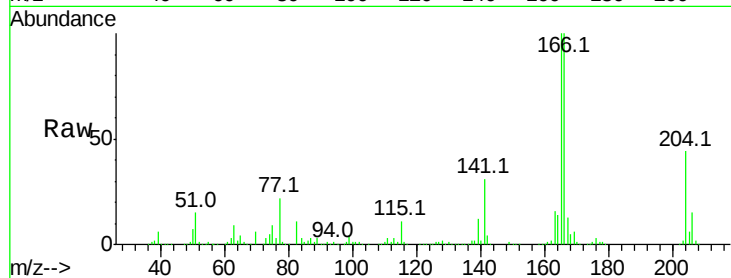
#57
Fluorene
 Concen: 39.46 ng
 RT: 10.27 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion:	166	Resp:	824504
Ion Ratio	Lower	Upper	
166	100		
165	99.7	78.8	118.2
167	13.0	10.6	16.0

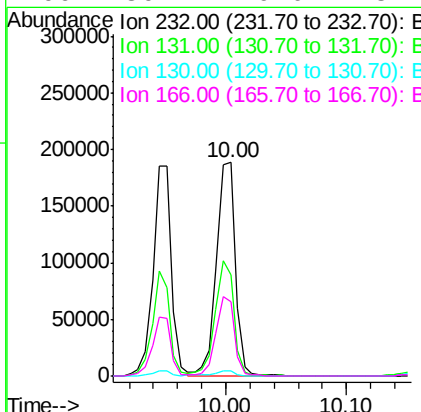
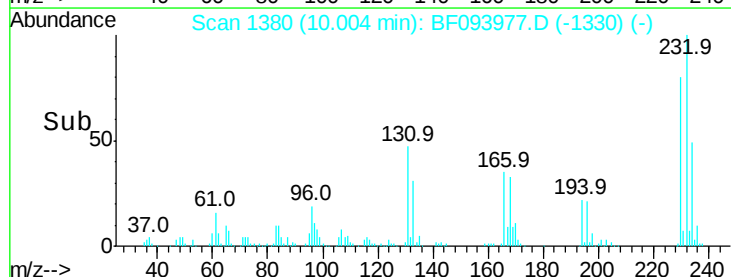
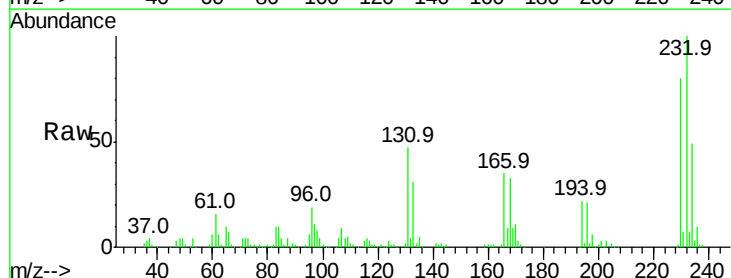
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.95 ng
 RT: 10.00 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion:	232	Resp:	203944
Ion Ratio	Lower	Upper	
232	100		
131	53.0	44.8	67.2
130	2.5	2.3	3.5
166	36.1	29.0	43.4





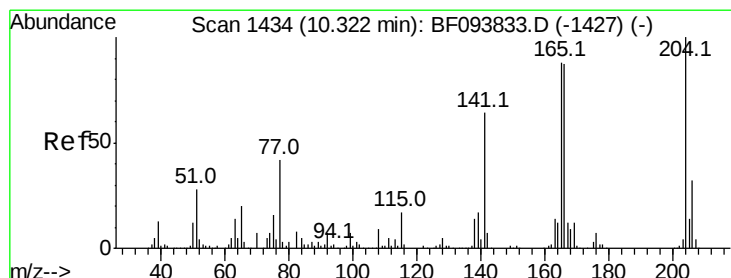
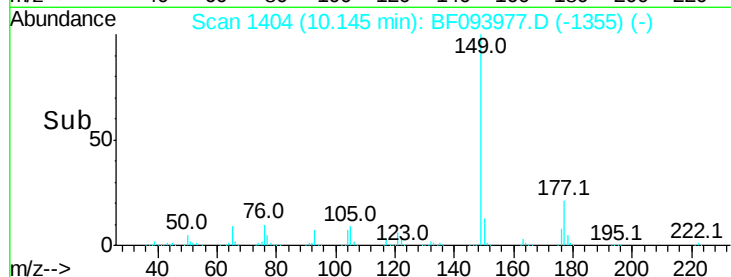
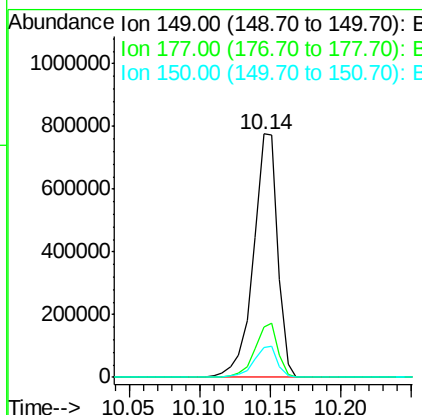
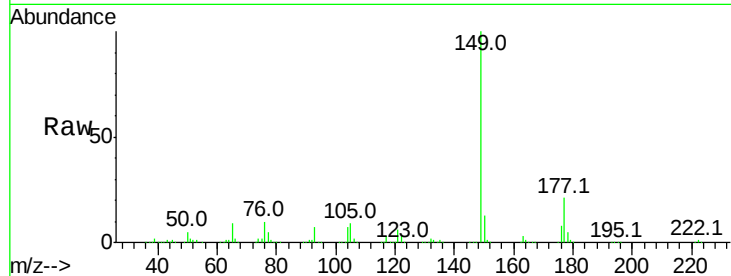
#59
Diethylphthalate
Concen: 44.14 ng
RT: 10.14 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampled :
PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	937455		
177	20.5	16.7	25.1	
150	12.5	10.2	15.2	

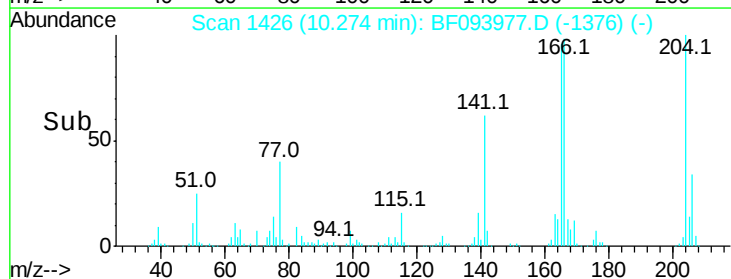
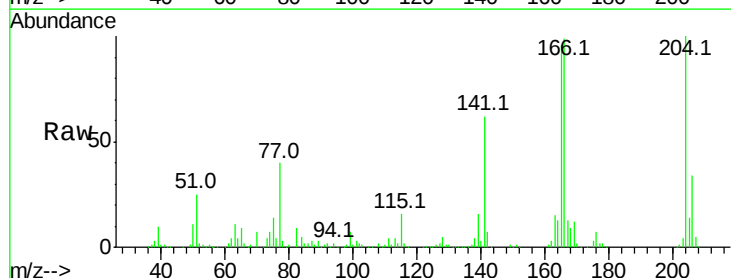
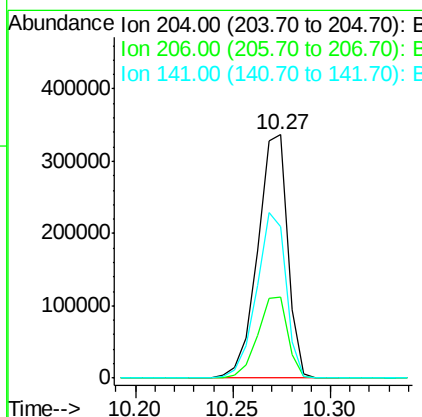
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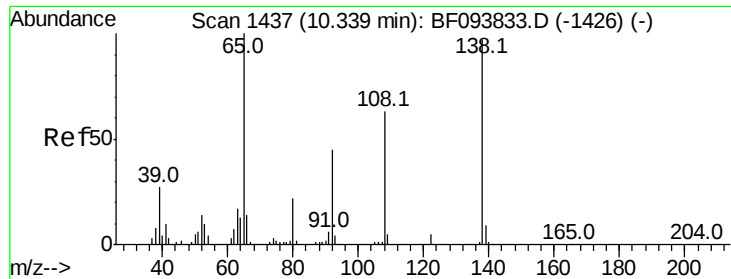
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 40.33 ng
RT: 10.27 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	358957		
206	33.5	26.2	39.2	
141	62.1	60.8	91.2	





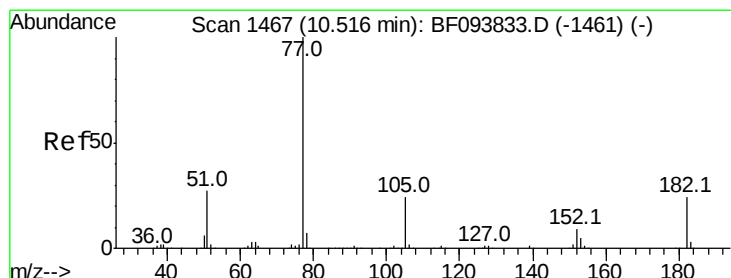
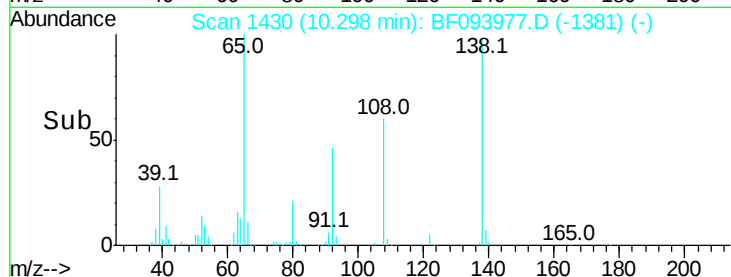
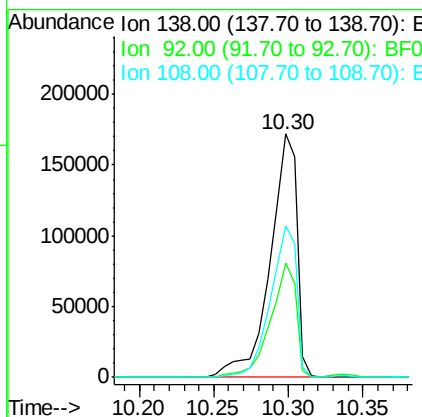
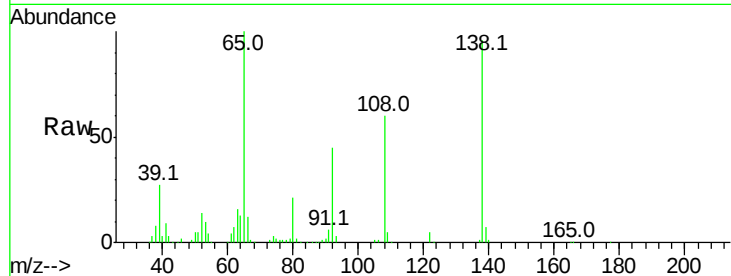
#61
4-Nitroaniline
Concen: 38.86 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	46.7	21.8	61.8	
108	62.1	42.3	82.3	

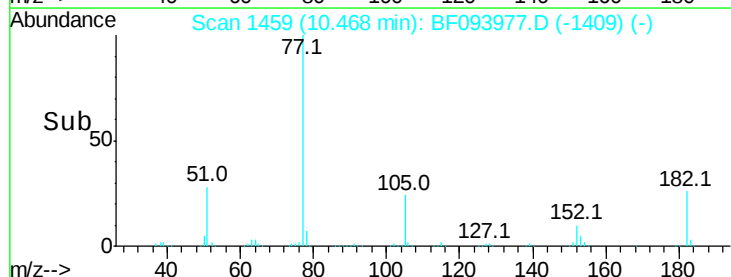
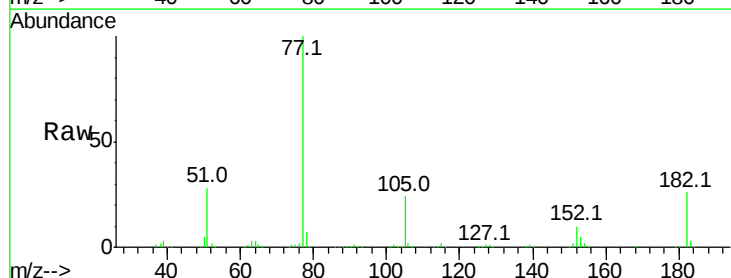
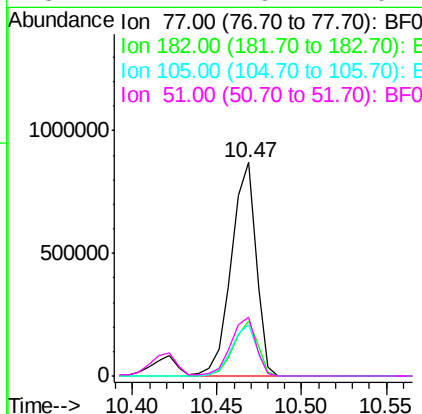
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#62
Azobenzene
Concen: 44.30 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.7	0.1	40.1	
105	24.3	3.6	43.6	
51	27.7	9.4	49.4	





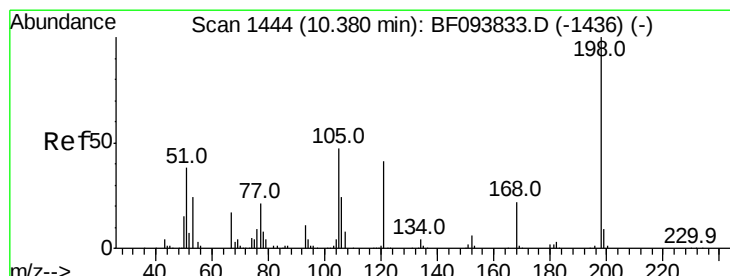
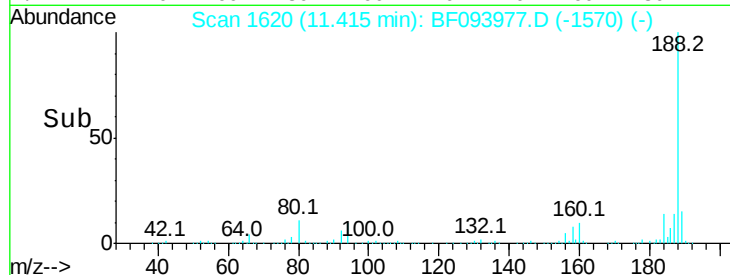
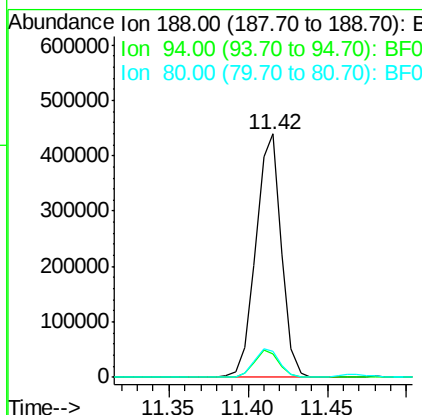
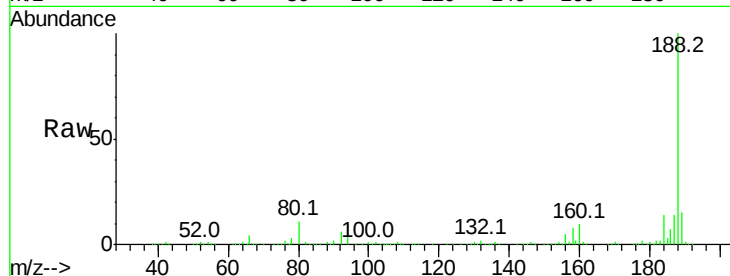
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.9	10.2	15.2

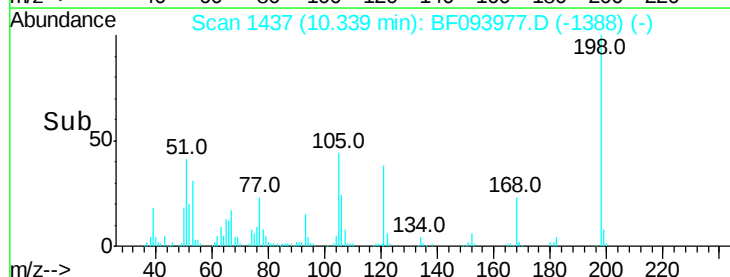
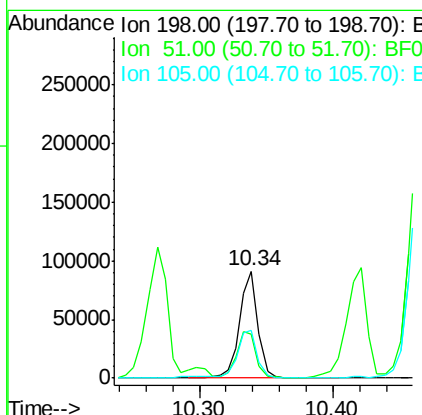
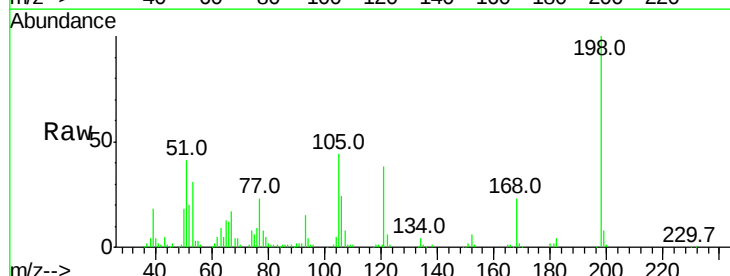
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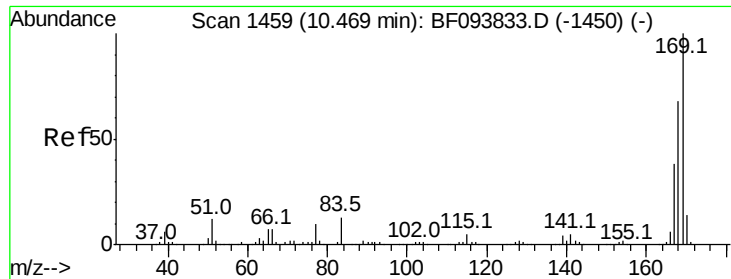
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 28.96 ng
 RT: 10.34 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	40.9	53.2	93.2#
105	44.4	45.8	85.8#





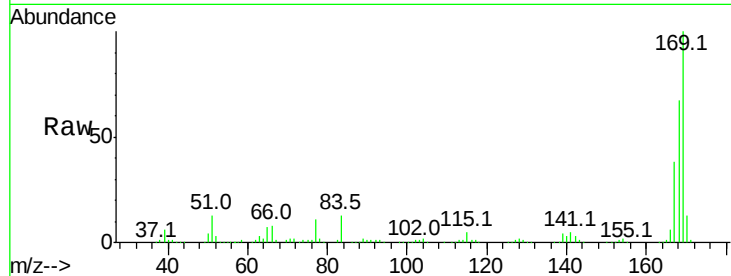
#65
n-Nitrosodiphenylamine
Concen: 45.73 ng
RT: 10.42 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

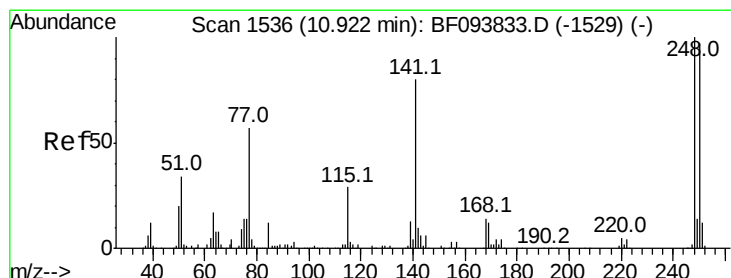
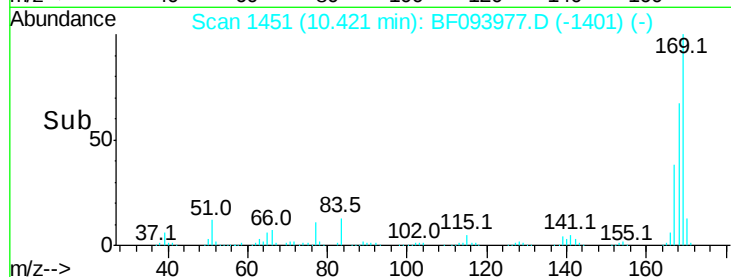
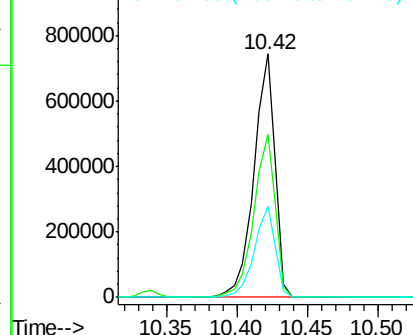
Tot Ion	Ratio	Resp	Lower	Upper
169	100	775552		
168	66.9	53.2	79.8	
167	37.5	29.5	44.3	

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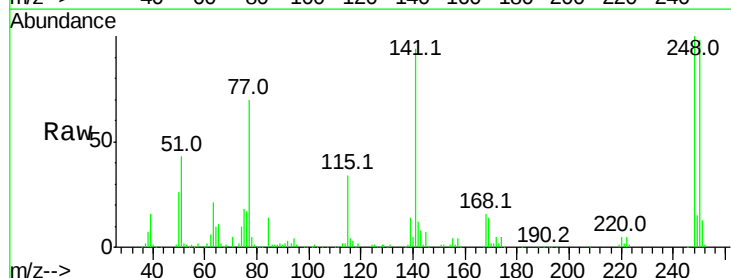


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

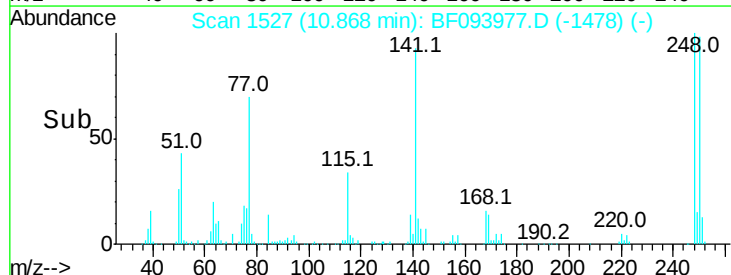
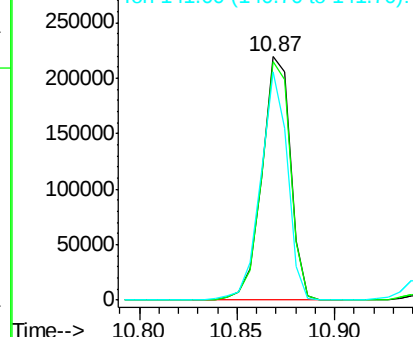


#66
4-Bromophenyl-phenylether
Concen: 46.12 ng
RT: 10.87 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	222465		
250	97.9	76.8	115.2	
141	93.7	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: 45.32 ng

RT: 10.94 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

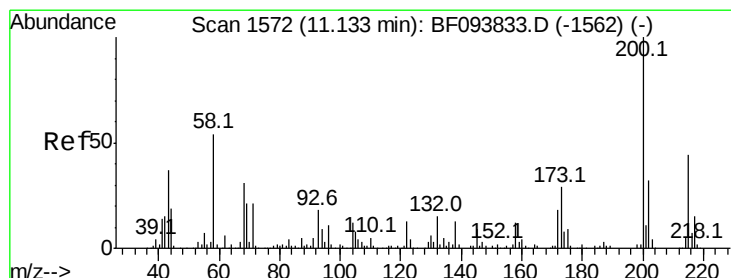
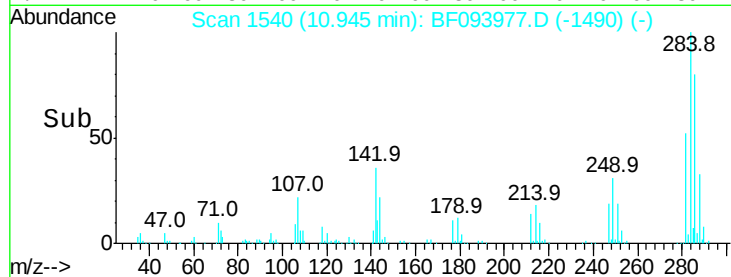
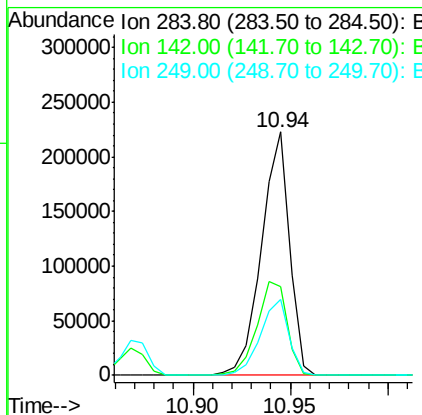
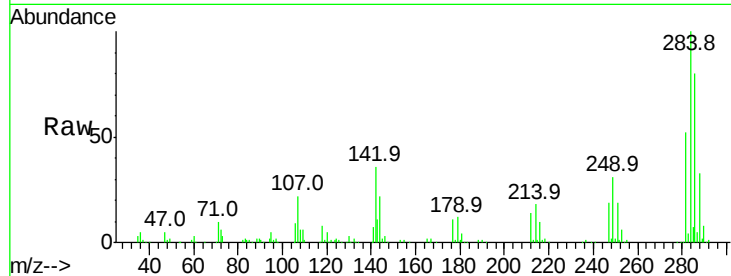
ClientSampleId :

PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	221300		
142	36.3	22.8	34.2#	
249	31.3	24.0	36.0	

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#68

Atrazine

Concen: 37.02 ng

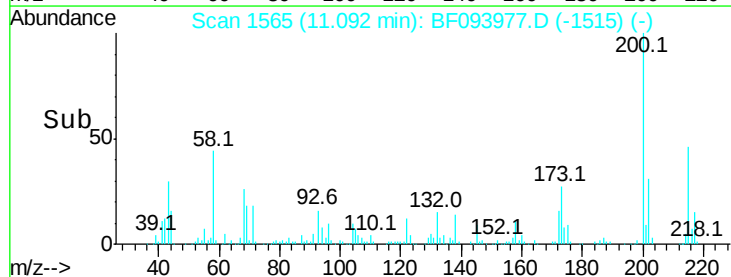
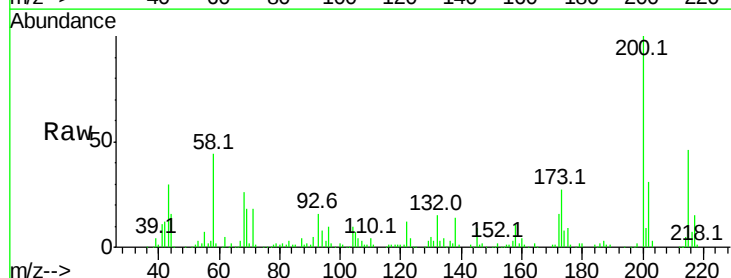
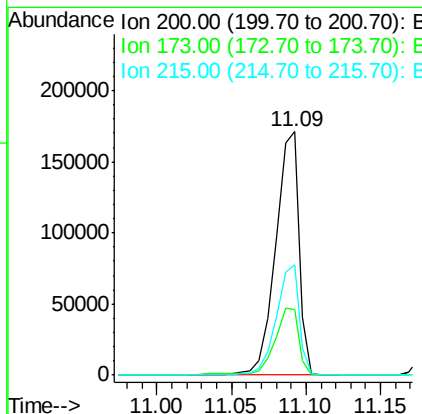
RT: 11.09 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	188085		
173	27.2	6.3	46.3	
215	45.5	27.2	67.2	





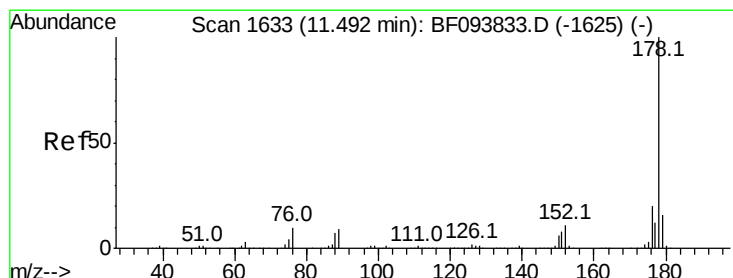
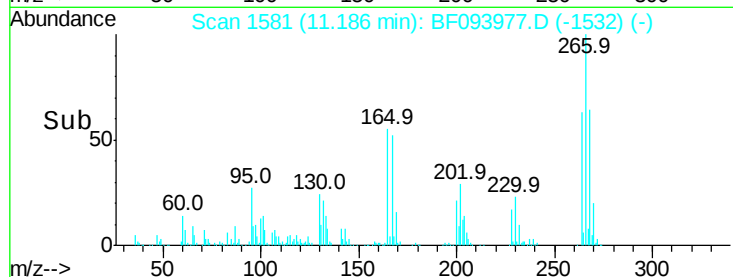
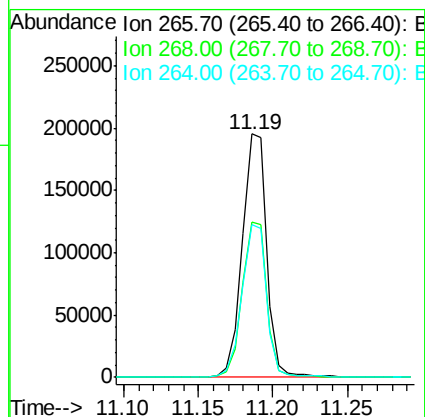
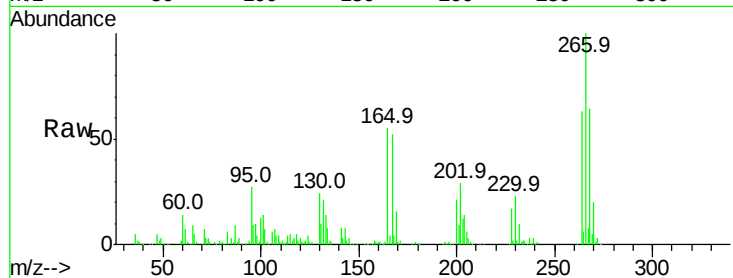
#69
 Pentachlorophenol
 Concen: 73.06 ng
 RT: 11.19 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	222058		
268	63.8	51.1	76.7	
264	63.0	51.7	77.5	

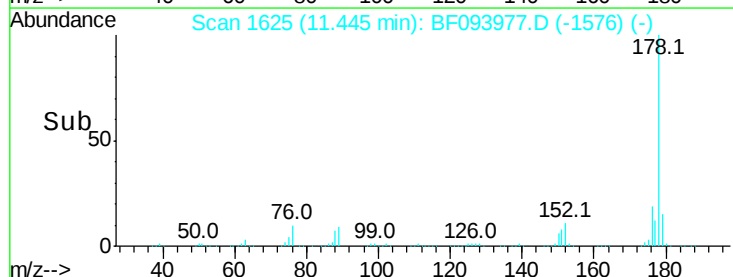
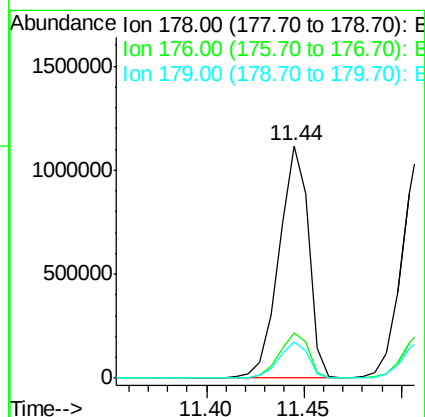
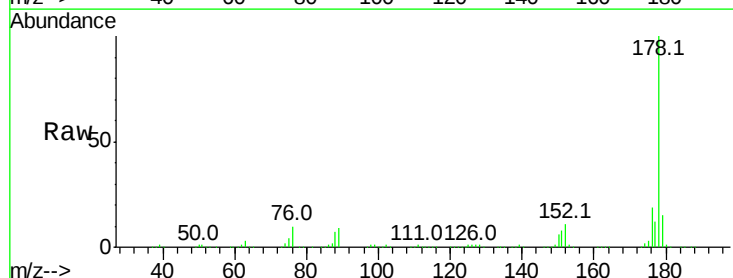
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#70
 Phenanthrene
 Concen: 42.96 ng
 RT: 11.44 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1171943		
176	19.5	16.2	24.4	
179	15.4	12.6	19.0	





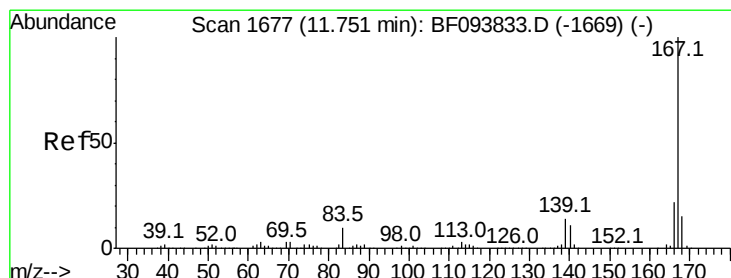
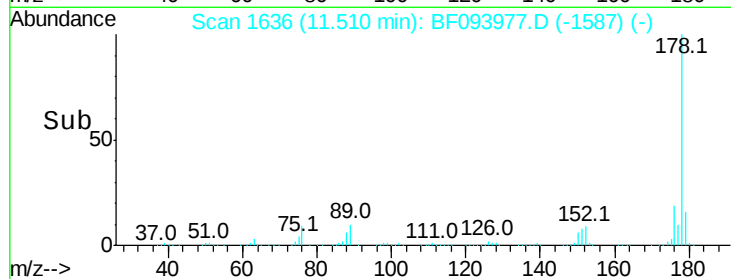
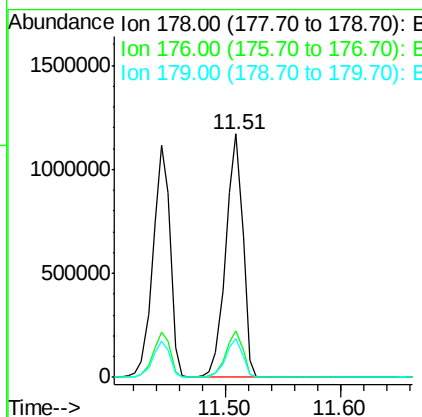
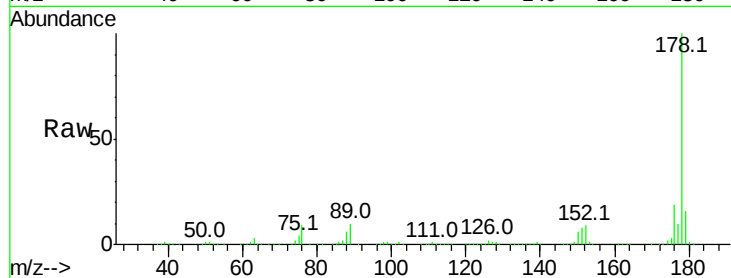
#71
 Anthracene
 Concen: 42.79 ng
 RT: 11.51 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.9	12.7	19.1

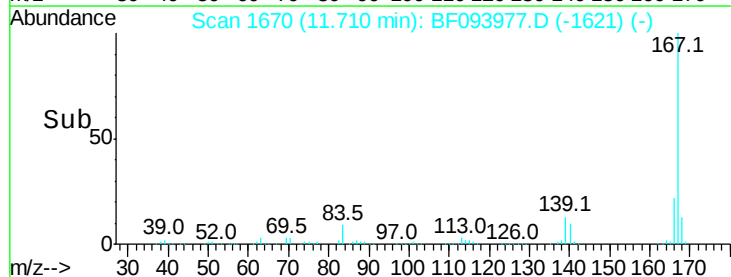
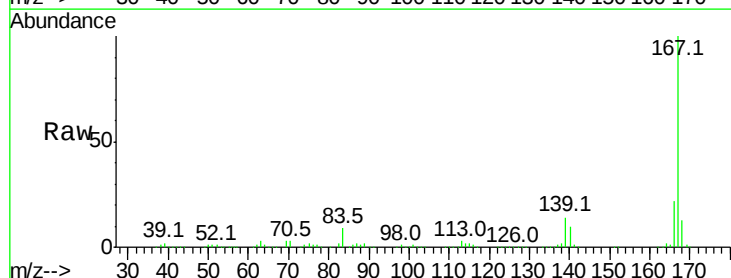
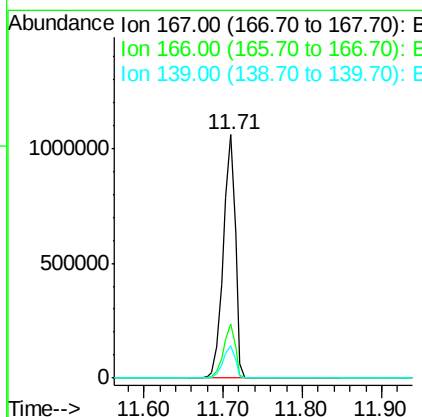
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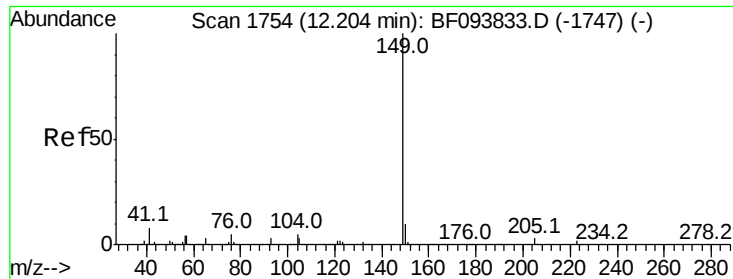
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#72
 Carbazole
 Concen: 38.45 ng
 RT: 11.71 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 46.20 ng

RT: 12.16 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

ClientSampleId :

PB97833BSD

Tot Ion:149 Resp: 1383980

Ion Ratio Lower Upper

149 100

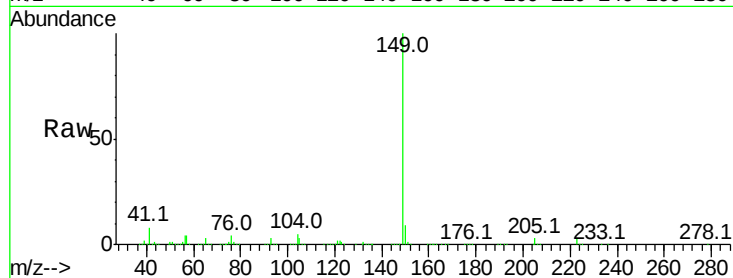
150 9.3 7.7 11.5

104 4.7 4.0 6.0

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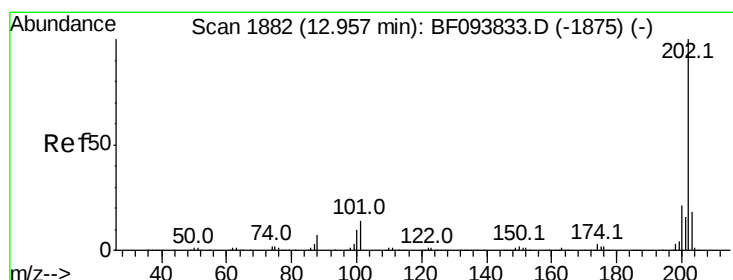
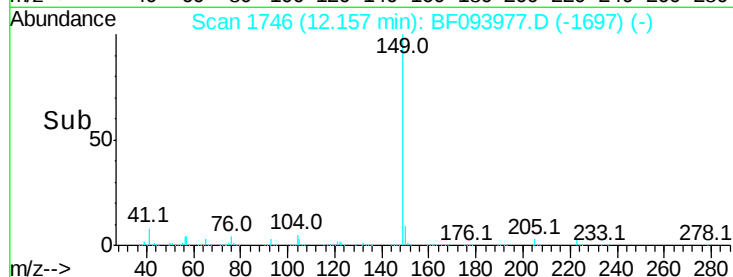
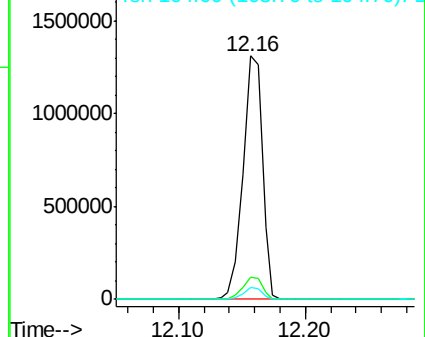
3/28/2017 3:43:36 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.90 ng

RT: 12.91 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

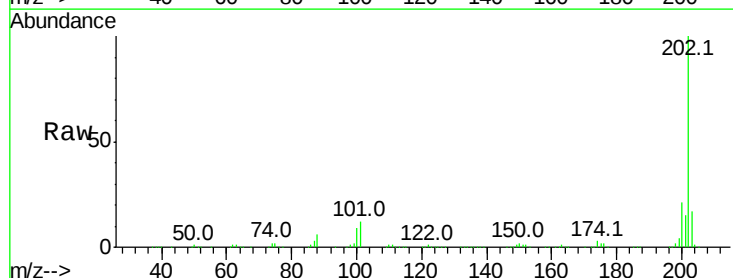
Tgt Ion:202 Resp: 1058734

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.2

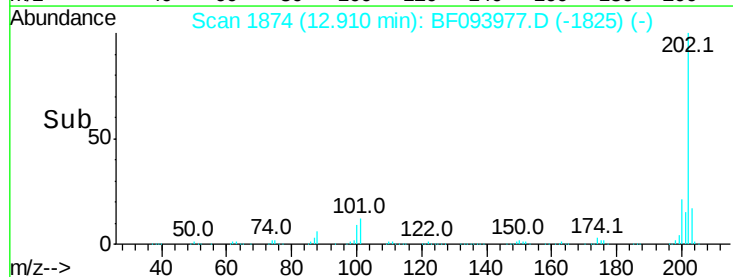
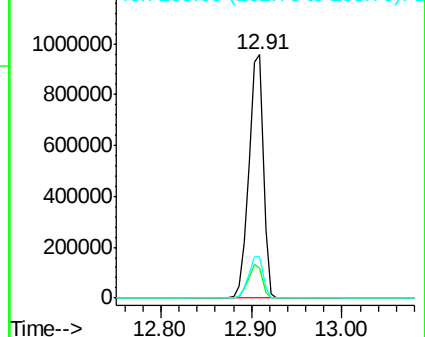
203 17.0 0.0 38.1

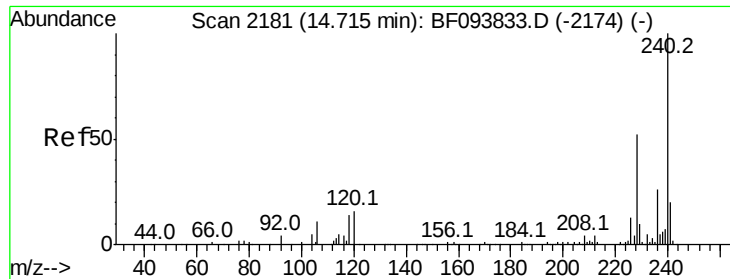


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.67 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

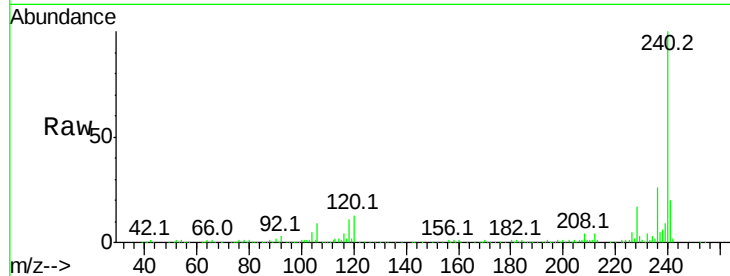
ClientSampleId :

PB97833BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.8	8.8#
236	25.7	20.5	30.7

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.67

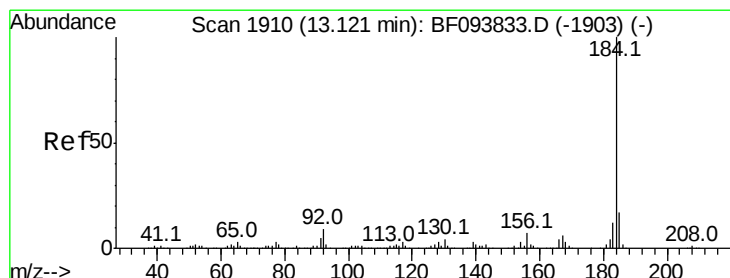
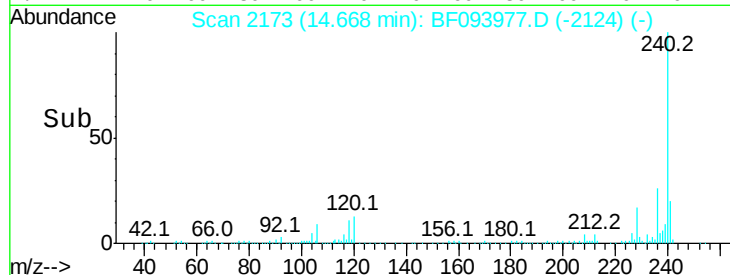
300000

200000

100000

0

Time-->



#76

Benzidine

Concen: 21.64 ng

RT: 13.07 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

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

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

13.07

300000

250000

200000

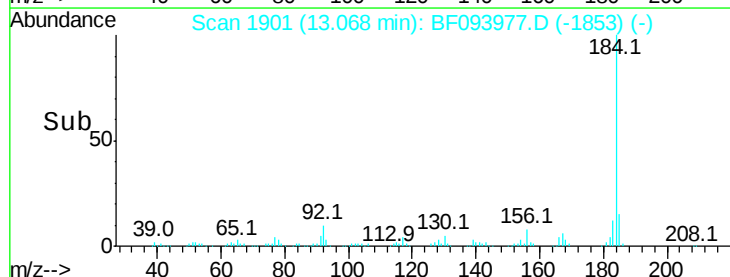
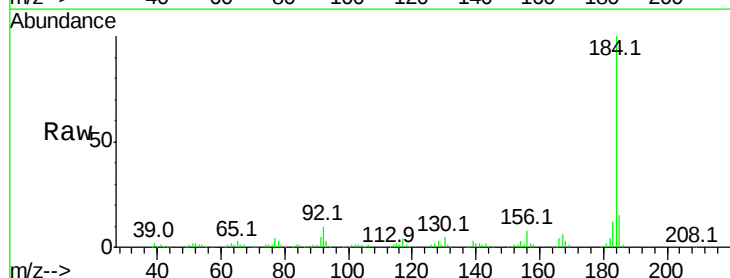
150000

100000

50000

0

Time-->





#77

Pvrene

Concen: 46.45 ng

RT: 13.19 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

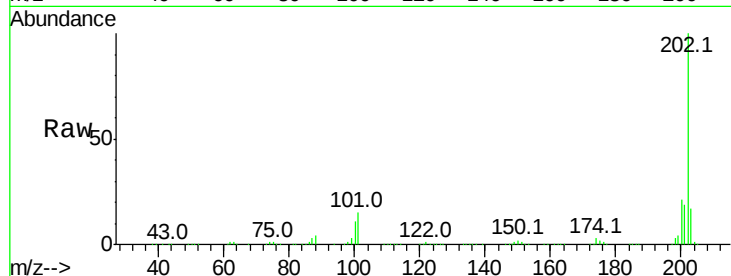
ClientSampleId :

PB97833BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.2	14.4	21.6

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3/28/2017 3:43:36 PM

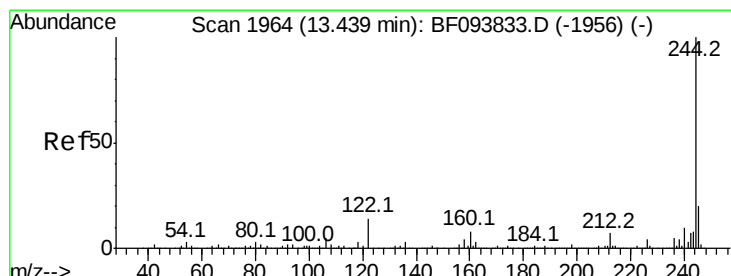
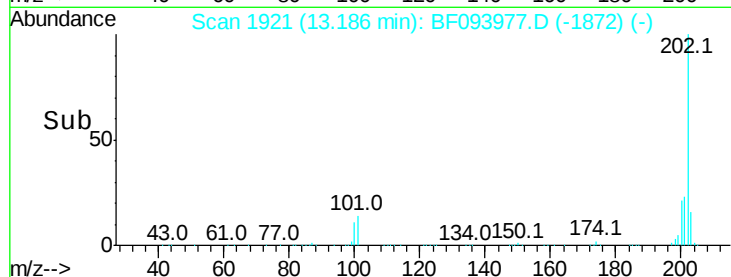
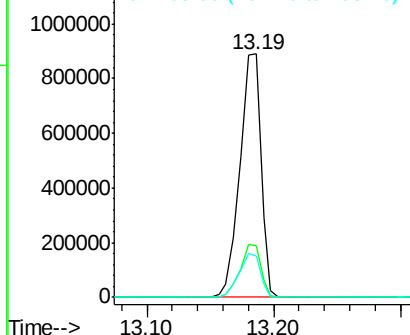


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.61 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

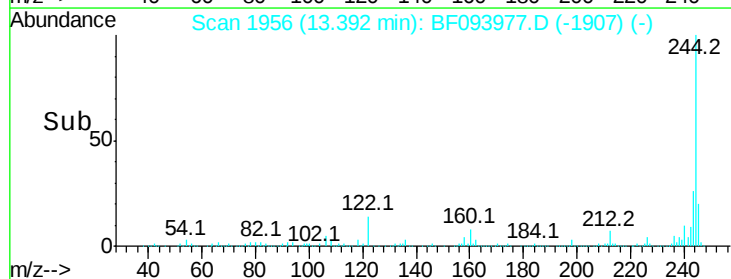
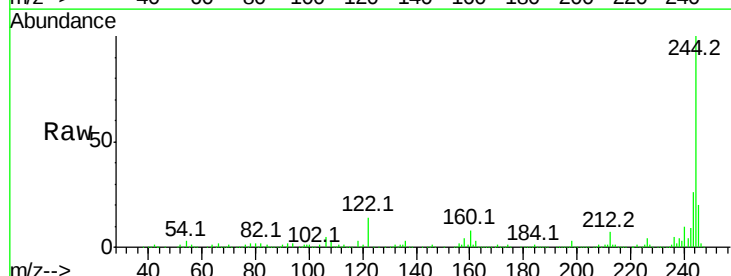
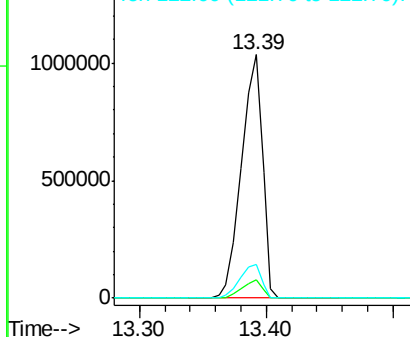
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.9	10.3	15.5

Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





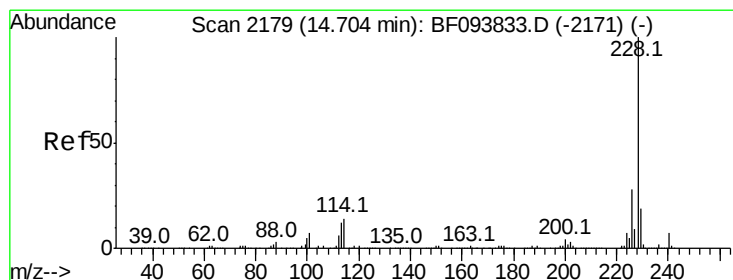
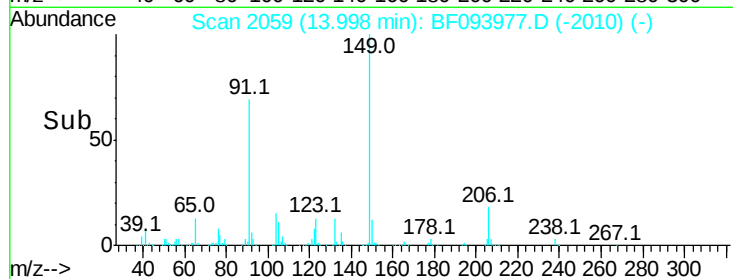
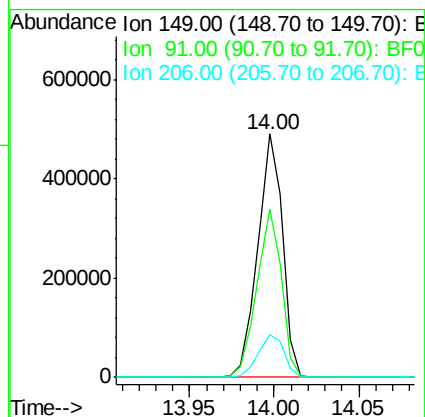
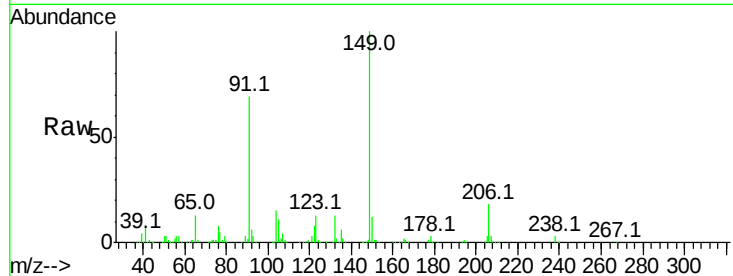
#79
Butylbenzylphthalate
Concen: 53.45 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	502226		
91	69.2	45.0	67.4#	
206	17.8	17.0	25.6	

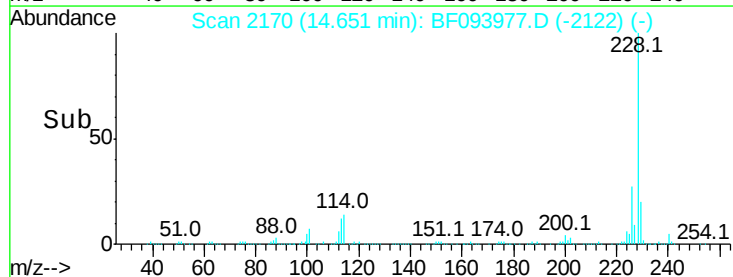
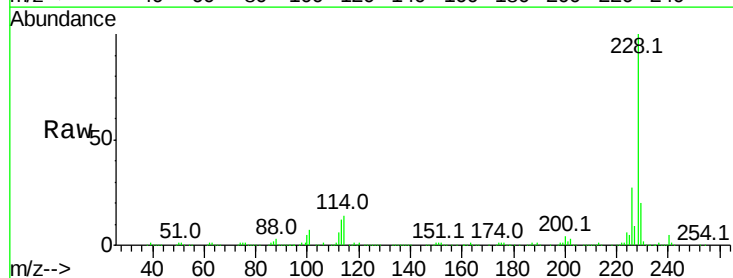
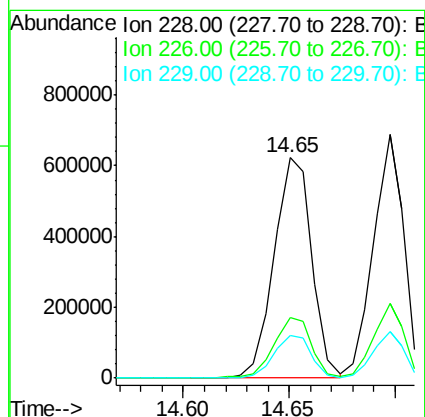
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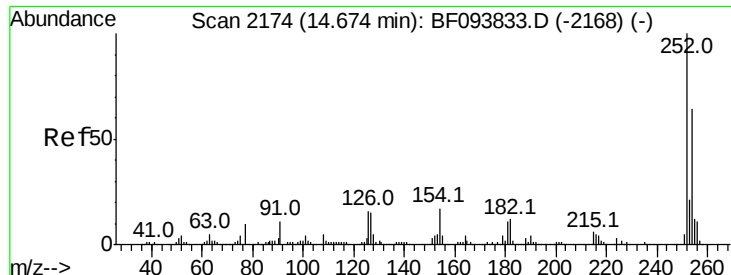
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#80
Benzo(a)anthracene
Concen: 43.59 ng
RT: 14.65 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	772453		
226	27.3	22.6	33.8	
229	19.6	16.3	24.5	





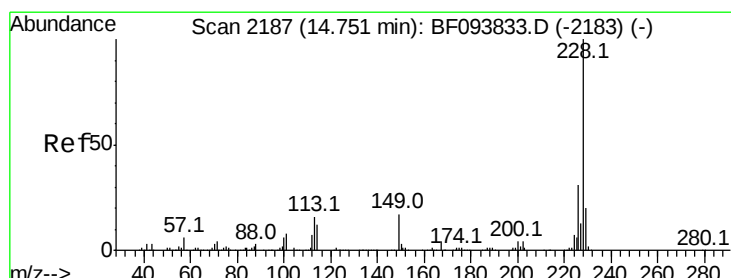
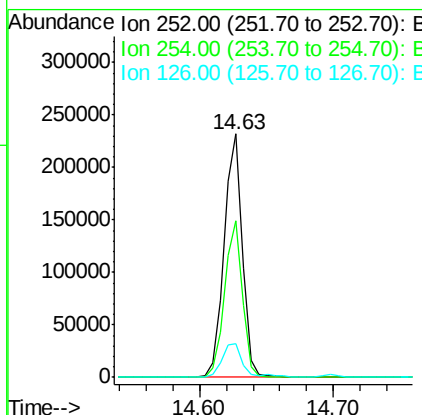
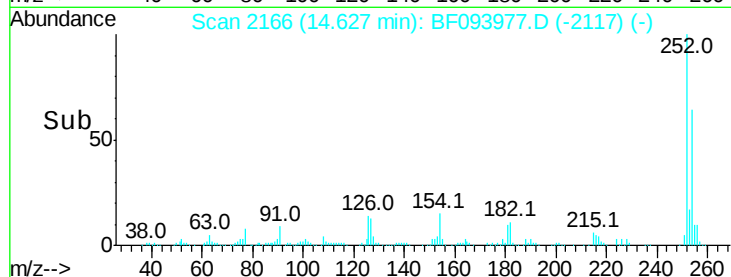
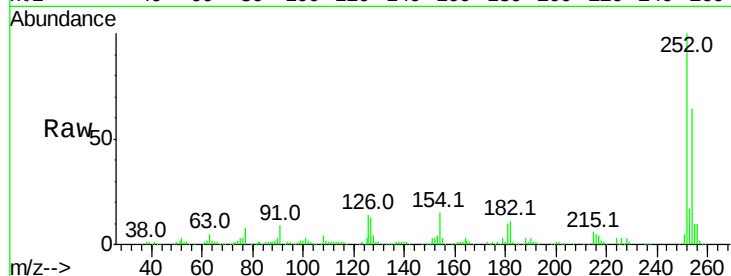
#81
 3,3'-Dichlorobenzidine
 Concen: 35.54 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	51.5	77.3
126	13.7	15.8	23.8

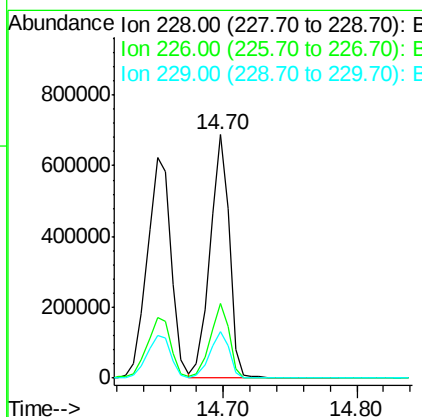
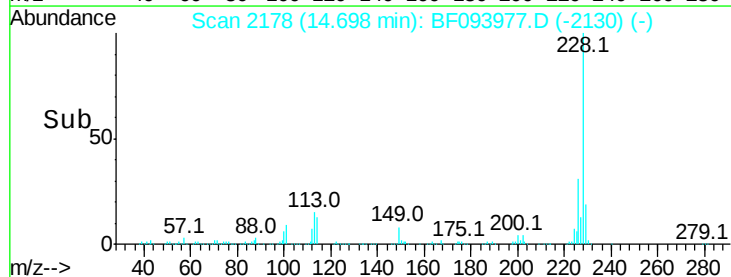
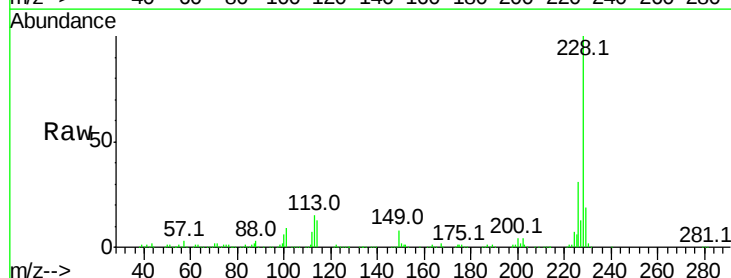
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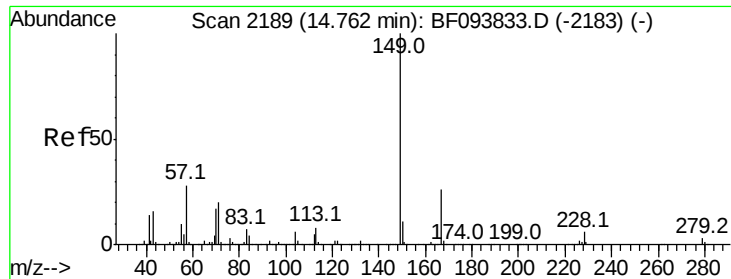
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#82
 Chrysene
 Concen: 42.23 ng
 RT: 14.70 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.3	15.8	23.6





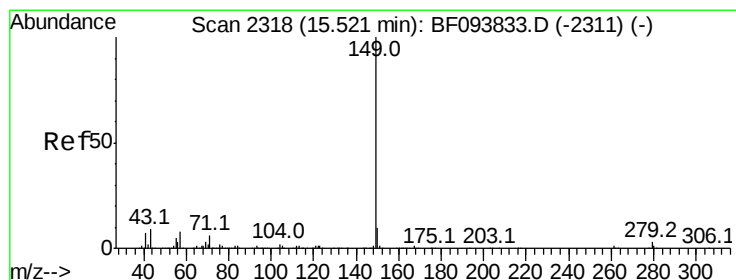
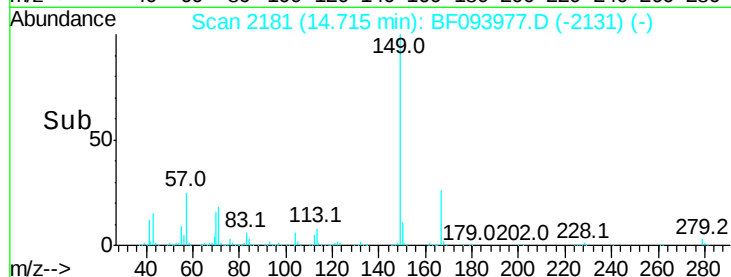
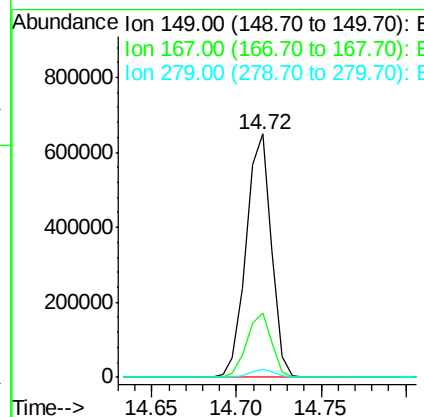
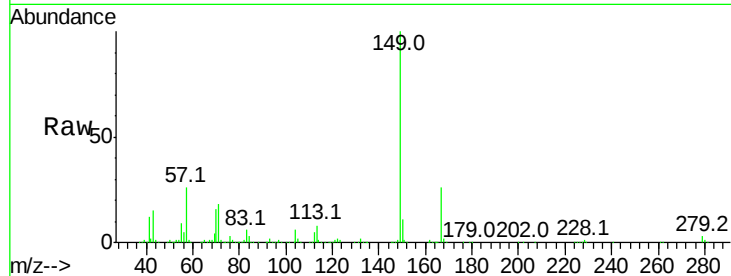
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.86 ng
 RT: 14.72 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Instrument :
 BNA_F
 ClientSampleId :
 PB97833BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	677616		
167	26.3	21.0	31.4	
279	3.1	1.9	2.9	

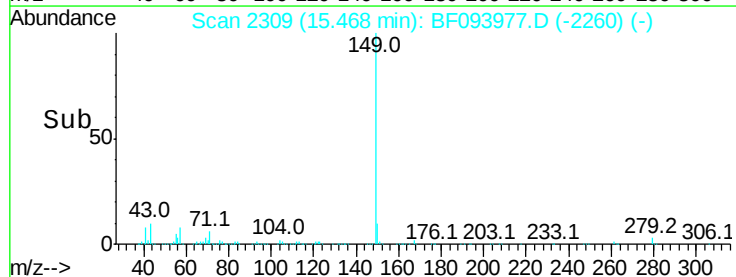
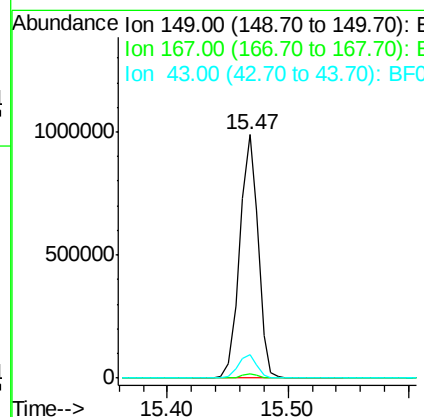
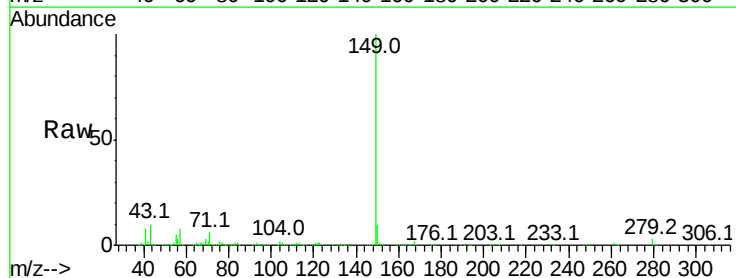
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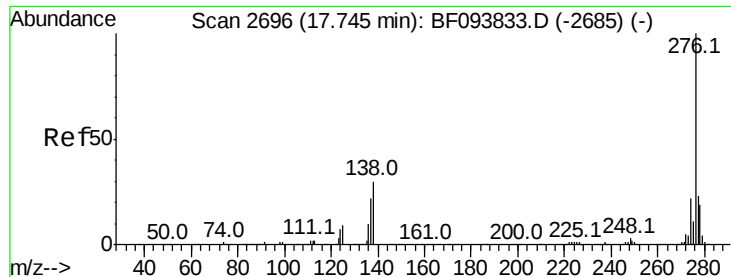
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 48.96 ng
 RT: 15.47 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF093977.D
 Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1048633		
167	1.5	1.2	1.8	
43	9.6	8.5	12.7	





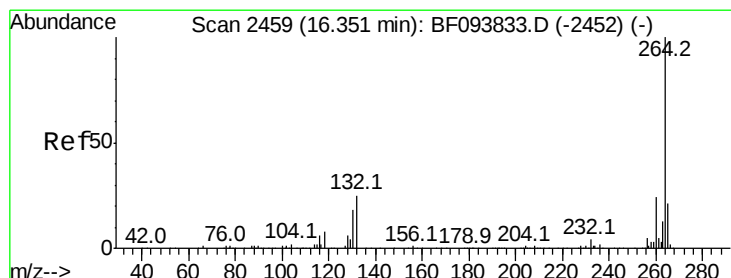
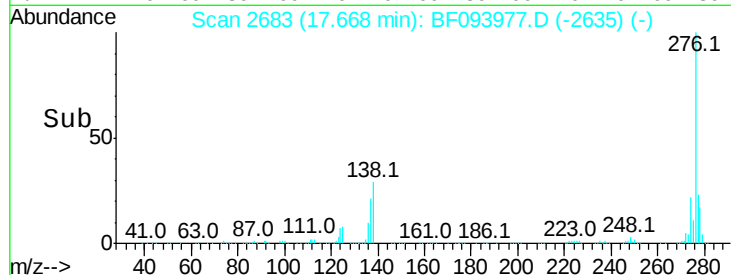
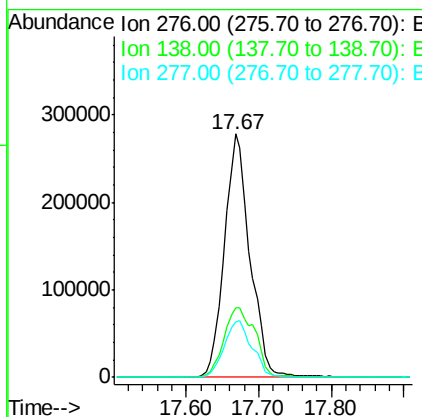
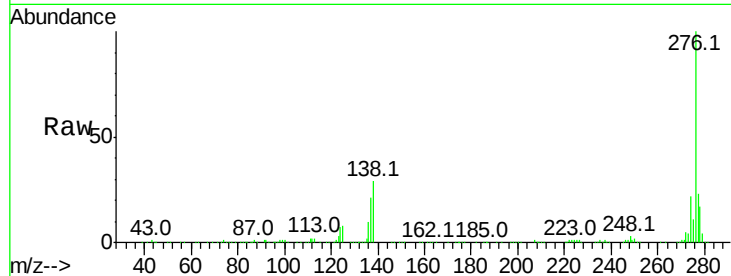
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.87 ng
RT: 17.67 min Scan# 2683
Delta R.T. -0.02 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.8	41.6
277	25.3	20.2	30.4

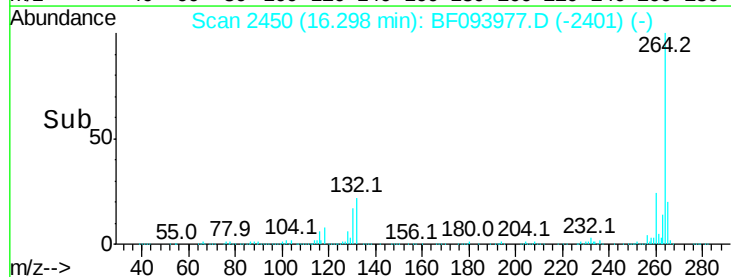
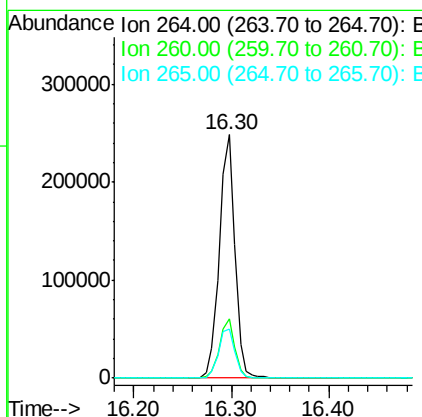
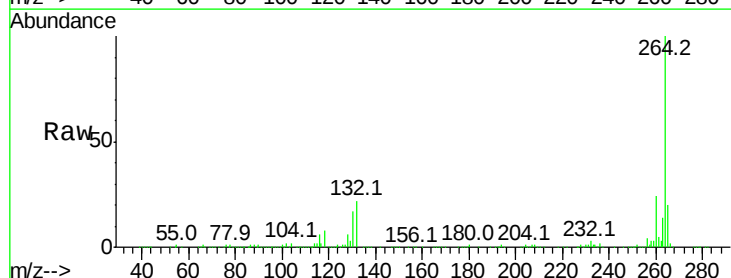
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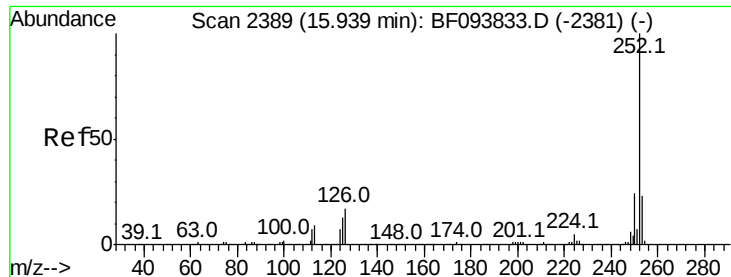
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.30 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	20.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.50 ng

RT: 15.89 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

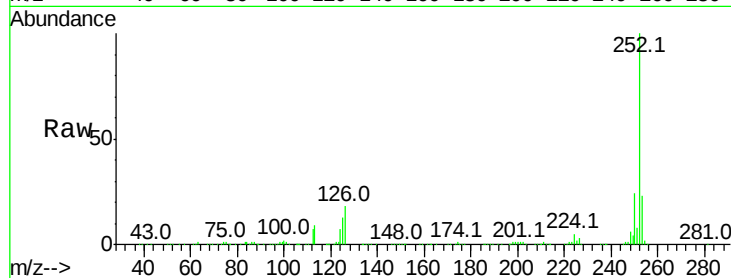
ClientSampleId :

PB97833BSD

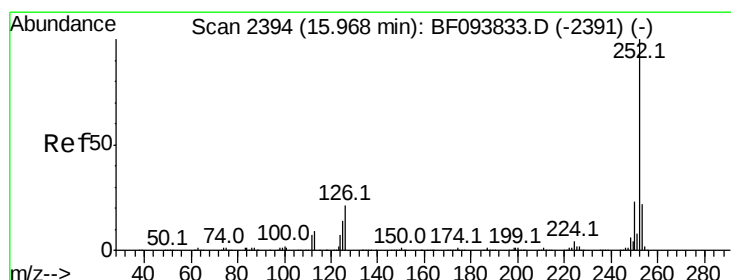
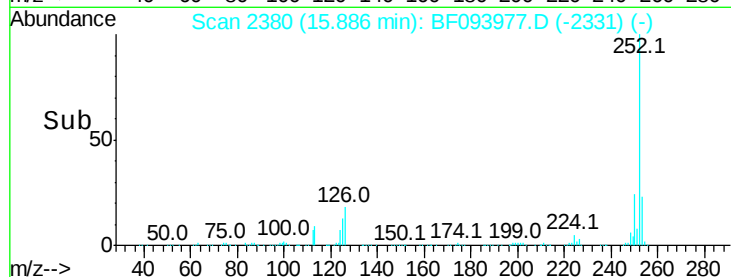
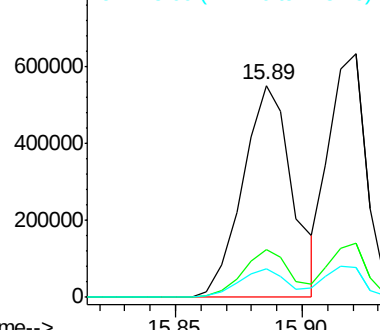
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	13.5	9.8	14.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.82 ng m

RT: 15.92 min Scan# 2386

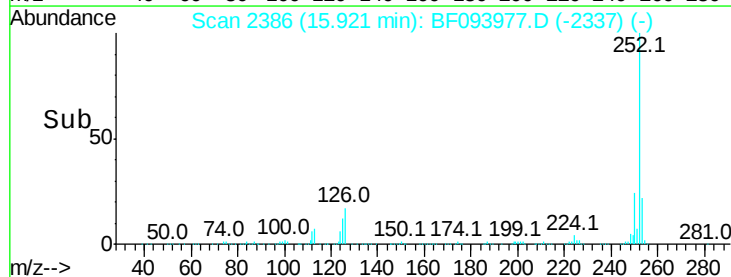
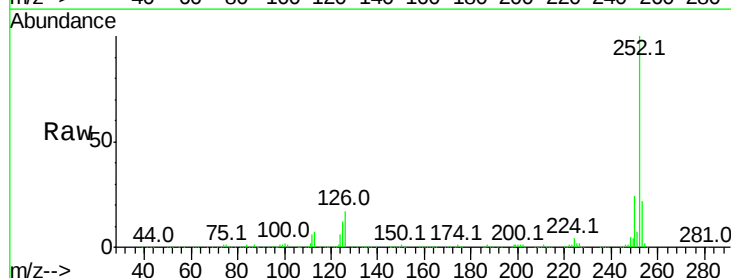
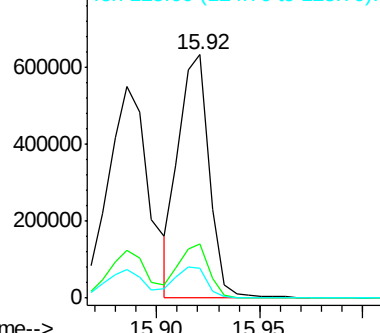
Delta R.T. -0.01 min

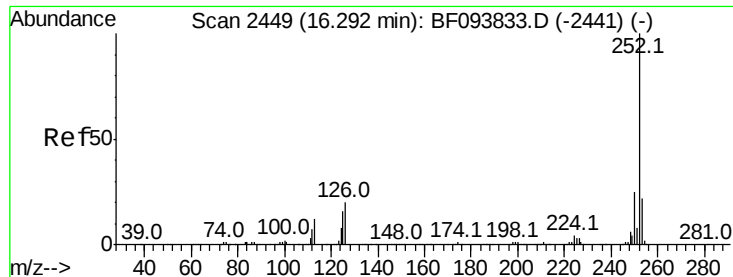
Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	12.3	13.1	19.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





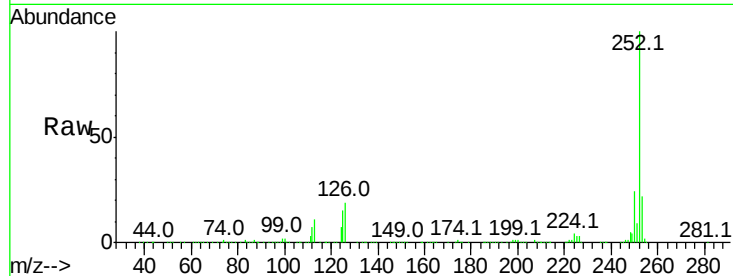
#89
Benzo(a)pyrene
Concen: 43.92 ng
RT: 16.24 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Instrument :
BNA_F
ClientSampleId :
PB97833BSD

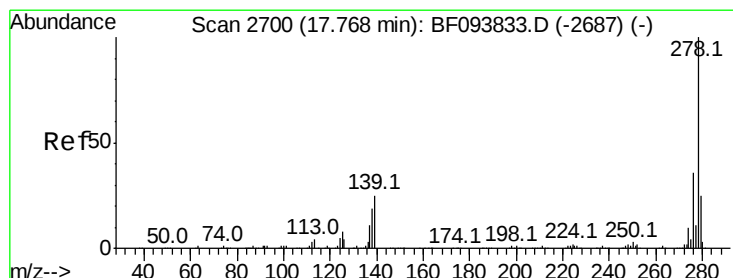
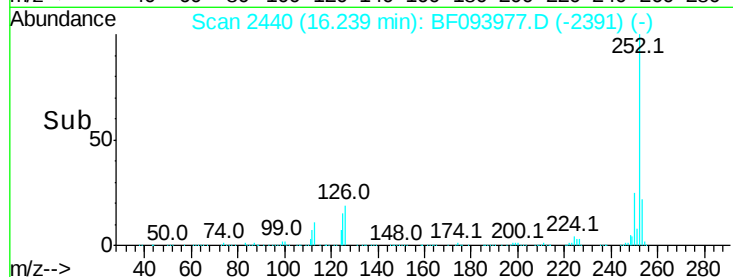
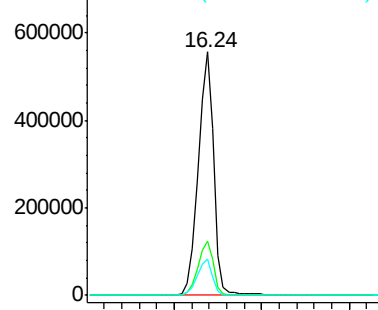
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	14.6	11.0	16.4

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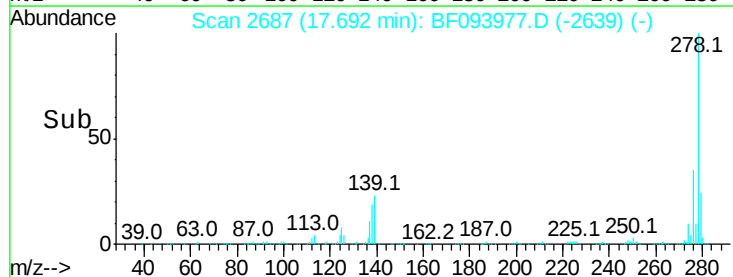
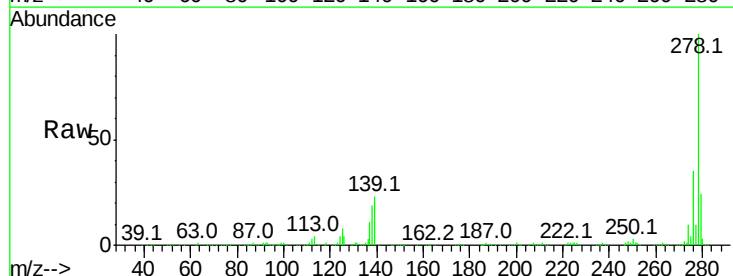
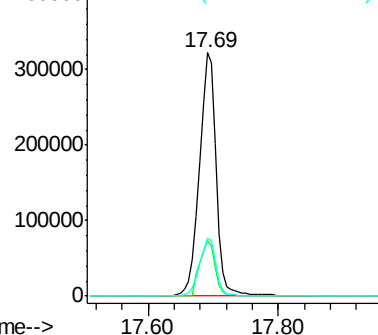
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

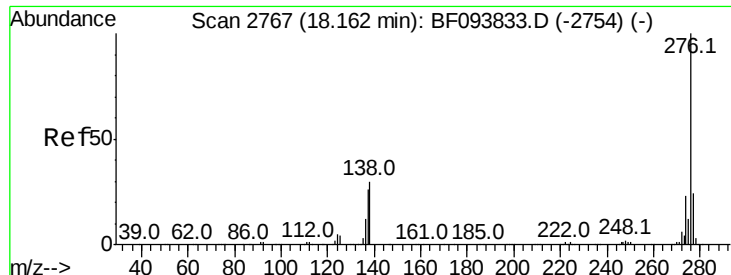


#90
Dibenzo(a,h)anthracene
Concen: 43.77 ng
RT: 17.69 min Scan# 2687
Delta R.T. -0.02 min
Lab File: BF093977.D
Acq: 28 Mar 2017 7:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	16.6	24.8
279	23.9	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.39 ng

RT: 18.07 min Scan# 2752

Delta R.T. -0.02 min

Lab File: BF093977.D

Acq: 28 Mar 2017 7:29

Instrument :

BNA_F

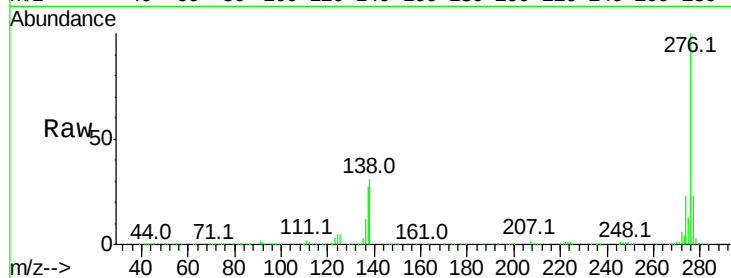
ClientSampleId :

PB97833BSD

Tot Ion:	276	Resp:	537943
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.6	28.0
138	31.3	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

