

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093951.D
 Acq On : 27 Mar 2017 19:33
 Operator : SJ/MA
 Sample : PB97837BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Manual Integrations
 APPROVED

mohammad
 3/28/2017 3:43:15 PM

Quant Time: Mar 28 00:40:33 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	157320	20.00	ng	-0.01
21) Naphthalene-d8	7.45	136	638002	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	296639	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	529489	20.00	ng	0.00
75) Chrysene-d12	14.67	240	440070	20.00	ng	-0.01
86) Perylene-d12	16.30	264	354146	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.48	112	1129962	121.31	ng	0.00
7) Phenol-d6	5.54	99	1432185	124.29	ng	-0.01
23) Nitrobenzene-d5	6.59	82	874731	78.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	322394	137.54	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	1629158	83.77	ng	-0.01
78) Terphenyl-d14	13.39	244	1383155	70.45	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	154598	34.55	ng	97
3) Pyridine	2.85	79	445369	36.52	ng	99
4) n-Nitrosodimethylamine	2.80	42	195970	39.05	ng	91
6) Aniline	5.56	93	280579	17.50	ng	# 87
8) 2-Chlorophenol	5.70	128	432657	42.26	ng	95
9) Benzaldehyde	5.43	77	95162	12.23	ng	96
10) Phenol	5.56	94	515929	39.35	ng	98
11) bis(2-Chloroethyl)ether	5.65	93	401143	39.15	ng	97
12) 1,3-Dichlorobenzene	5.87	146	459336	40.00	ng	99
13) 1,4-Dichlorobenzene	5.96	146	463558	39.85	ng	97
14) 1,2-Dichlorobenzene	6.13	146	430620	40.20	ng	98
15) Benzyl Alcohol	6.10	79	364507	43.22	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.27	45	566910	35.90	ng	97
17) 2-Methylphenol	6.25	107	364961	41.62	ng	97
18) Hexachloroethane	6.53	117	163815	40.07	ng	# 81
19) n-Nitroso-di-n-propylamine	6.42	70	290031	39.16	ng	99
20) 3+4-Methylphenols	6.42	107	451451	42.51	ng	# 69
22) Acetophenone	6.41	105	594144	41.78	ng	# 89
24) Nitrobenzene	6.61	77	436773	39.61	ng	93
25) Isophorone	6.90	82	790953	40.26	ng	95
26) 2-Nitrophenol	6.99	139	242212	46.06	ng	97
27) 2,4-Dimethylphenol	7.05	122	397808	43.91	ng	99
28) bis(2-Chloroethoxy)methane	7.16	93	504466	38.94	ng	99
29) 2,4-Dichlorophenol	7.28	162	375074	44.28	ng	99
30) 1,2,4-Trichlorobenzene	7.38	180	363886	41.71	ng	100
31) Naphthalene	7.47	128	1220163	39.77	ng	100
32) Benzoic acid	7.20	122	283916	47.07	ng	94
33) 4-Chloroaniline	7.53	127	132673	10.67	ng	92
34) Hexachlorobutadiene	7.63	225	181786	40.63	ng	99
35) Caprolactam	7.97	113	126876m	46.97	ng	
36) 4-Chloro-3-methylphenol	8.15	107	397274	44.88	ng	91
37) 2-Methylnaphthalene	8.32	142	861743	42.14	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	310893	38.31	ng	99
40) Hexachlorocyclopentadiene	8.52	237	335855	88.44	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	260233	45.33	nq	98
43) 2,4,5-Trichlorophenol	8.72	196	259489	41.77	nq	95
45) 1,1'-Biphenyl	8.89	154	963181	40.26	nq	99
46) 2-Chloronaphthalene	8.91	162	755330	40.33	nq	95
47) 2-Nitroaniline	9.03	65	235919	42.46	nq	90
48) Acenaphthylene	9.42	152	1237507	39.76	nq	99
49) Dimethylphthalate	9.28	163	905036	42.92	nq	99
50) 2,6-Dinitrotoluene	9.34	165	206291	42.68	nq	# 84
51) Acenaphthene	9.63	154	727063	40.03	nq	99
52) 3-Nitroaniline	9.54	138	100626	17.73	nq	88
53) 2,4-Dinitrophenol	9.67	184	228674	87.91	nq	# 76
54) Dibenzofuran	9.85	168	1069854	43.27	nq	100
55) 4-Nitrophenol	9.78	139	370259	83.30	nq	# 73
56) 2,4-Dinitrotoluene	9.84	165	263304	43.36	nq	# 76
57) Fluorene	10.26	166	809778	39.49	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	199860	46.89	nq	98
59) Diethylphthalate	10.15	149	885545	42.49	nq	98
60) 4-Chlorophenyl-phenylether	10.27	204	347349	39.77	nq	89
61) 4-Nitroaniline	10.30	138	227407	41.75	nq	94
62) Azobenzene	10.47	77	860673	43.66	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	148593	45.82	nq	# 74
65) n-Nitrosodiphenylamine	10.42	169	753556	41.15	nq	97
66) 4-Bromophenyl-phenylether	10.87	248	213974	41.09	nq	96
67) Hexachlorobenzene	10.95	284	224537	42.59	nq	# 92
68) Atrazine	11.09	200	229900	41.92	nq	96
69) Pentachlorophenol	11.19	266	245503	74.82	nq	99
70) Phenanthrene	11.45	178	1200143	40.75	nq	99
71) Anthracene	11.51	178	1245361	41.06	nq	99
72) Carbazole	11.71	167	1181864	38.00	nq	98
73) Di-n-butylphthalate	12.16	149	1373690	42.48	nq	100
74) Fluoranthene	12.91	202	1252311	41.52	nq	99
76) Benzidine	13.07	184	465748	26.74	nq	# 93
77) Pyrene	13.19	202	1258786	39.41	nq	100
79) Butylbenzylphthalate	14.00	149	597738	43.93	nq	# 83
80) Benzo(a)anthracene	14.66	228	1063728	41.45	nq	99
81) 3,3'-Dichlorobenzidine	14.63	252	172937	18.85	nq	# 96
82) Chrysene	14.70	228	914969	38.42	nq	99
83) Bis(2-ethylhexyl)phthalate	14.72	149	794481	42.79	nq	# 99
84) Di-n-octyl phthalate	15.47	149	1376115	44.37	nq	98
85) Indeno(1,2,3-cd)pyrene	17.67	276	764305	37.06	nq	99
87) Benzo(b)fluoranthene	15.89	252	916524	42.22	nq	99
88) Benzo(k)fluoranthene	15.92	252	881119	41.48	nq	96
89) Benzo(a)pyrene	16.24	252	828449	41.44	nq	100
90) Dibenzo(a,h)anthracene	17.70	278	629477	37.18	nq	99
91) Benzo(g,h,i)perylene	18.08	276	616169	36.11	nq	98

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

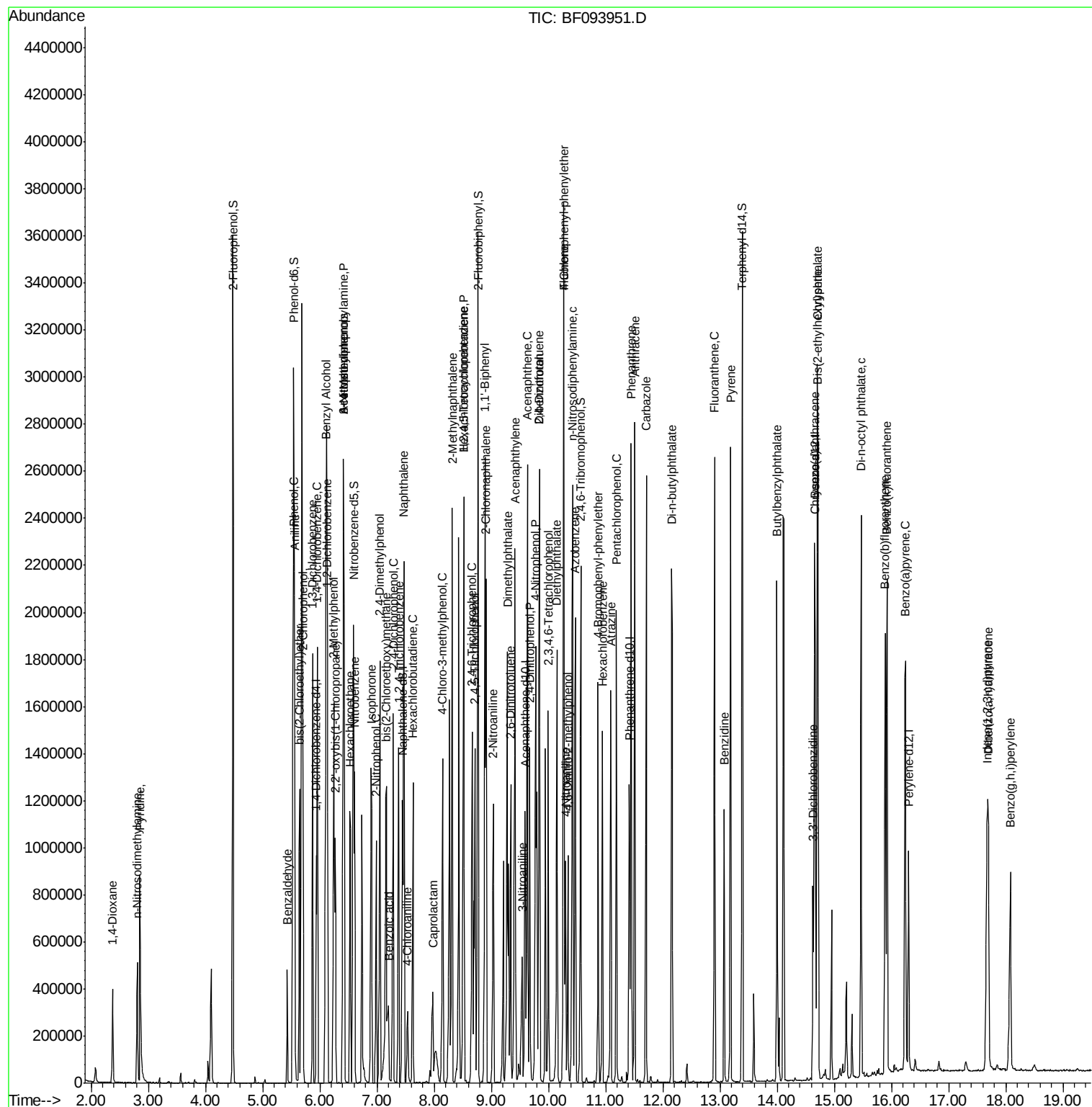
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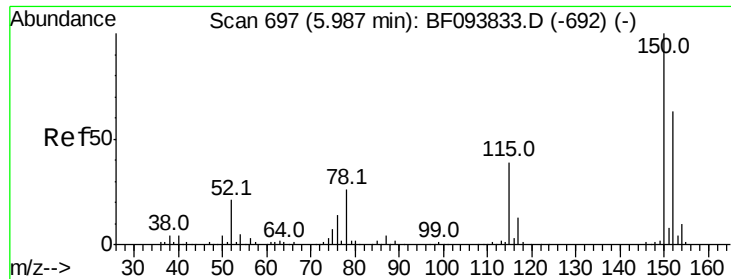
Instrument :
BNA_F
Client Sampled :
PB97837BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

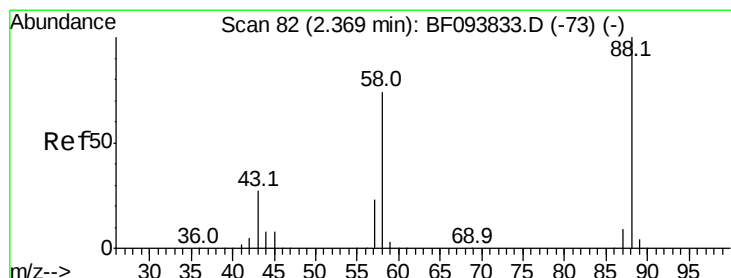
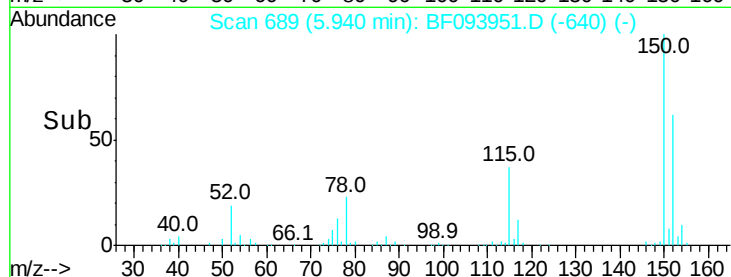
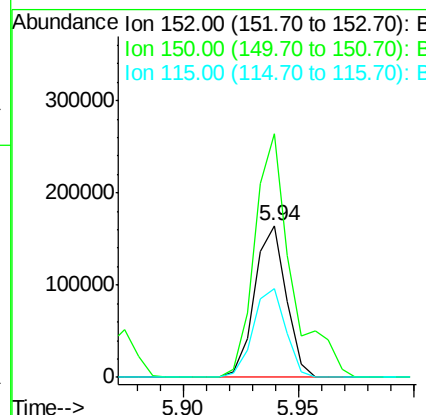
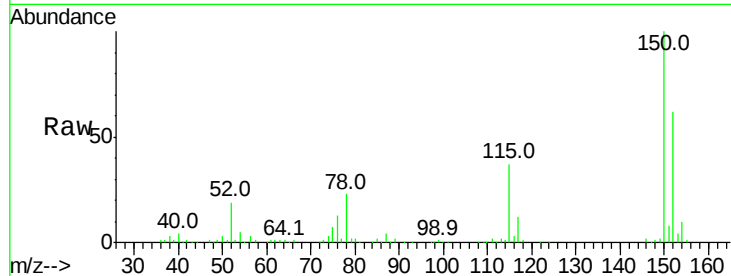
ClientSampleId :

PB97837BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	58.8	52.2	78.2

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#2

1,4-Dioxane

Concen: 34.55 ng

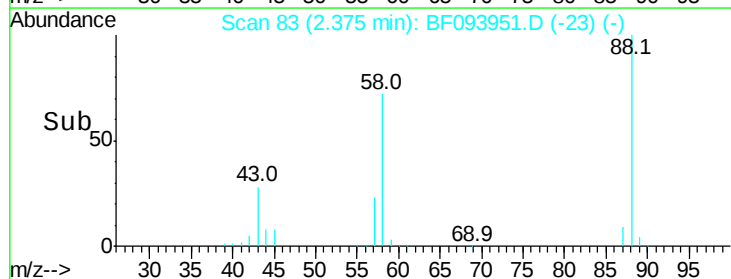
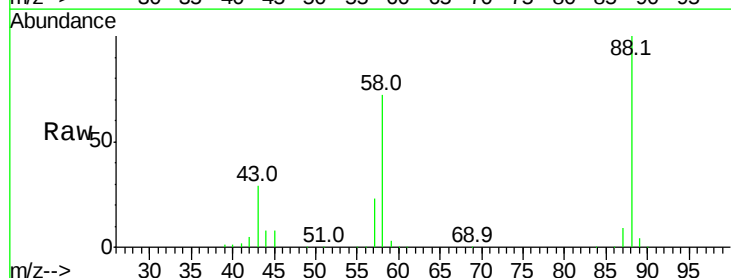
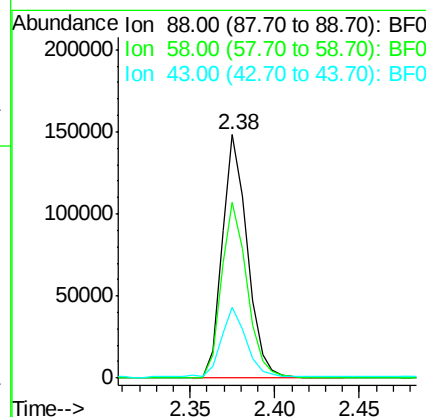
RT: 2.38 min Scan# 83

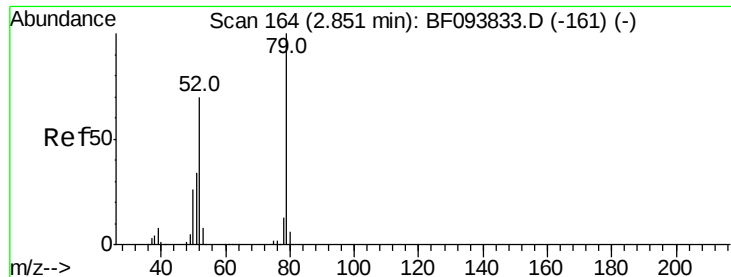
Delta R.T. 0.05 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	61.4	92.0
43	29.1	23.4	35.0





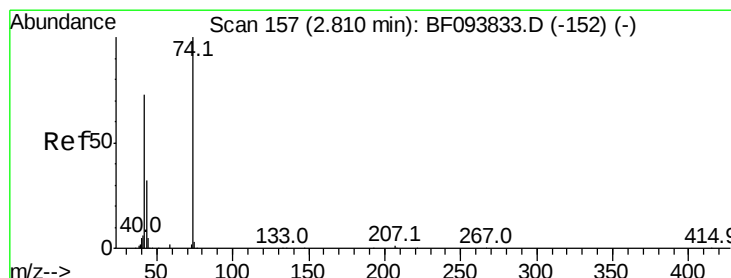
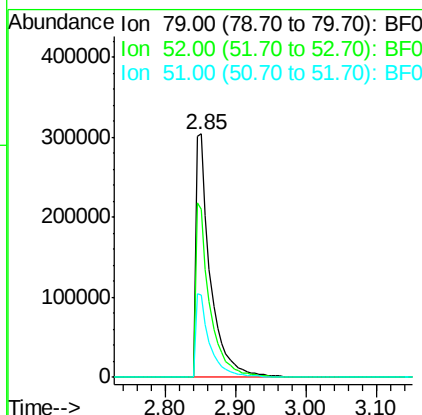
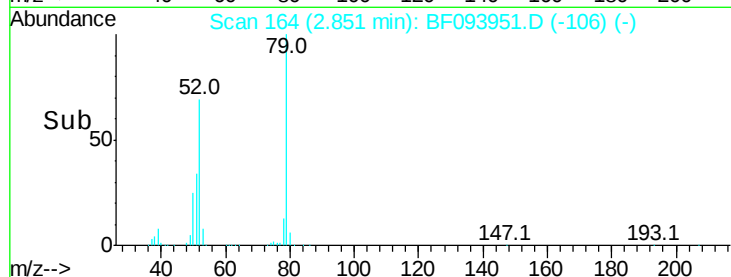
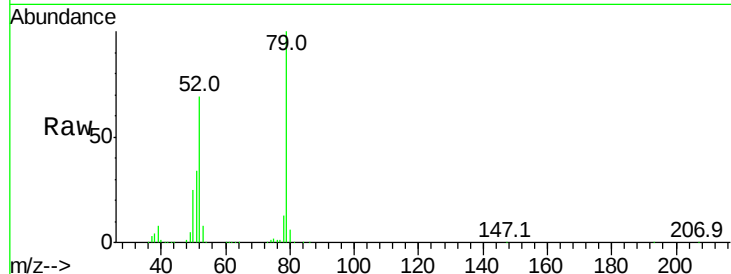
#3
 Pvridine
 Concen: 36.52 ng
 RT: 2.85 min Scan# 164
 Delta R.T. 0.04 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.3	54.8	82.2
51	33.6	27.0	40.4

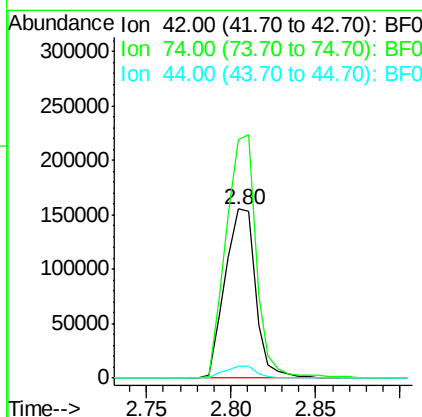
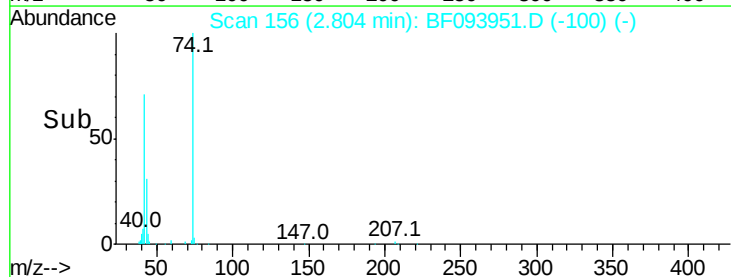
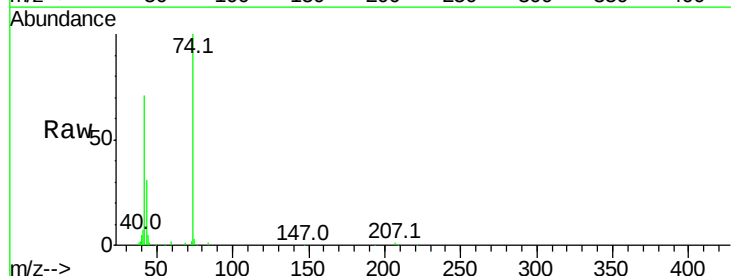
Manual Integrations
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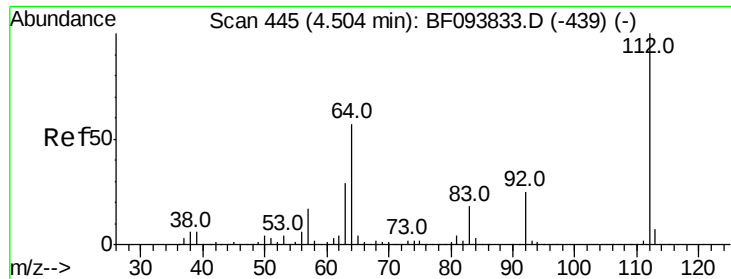
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#4
 n-Nitrosodimethylamine
 Concen: 39.05 ng
 RT: 2.80 min Scan# 156
 Delta R.T. 0.03 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.7	103.9	155.9
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 121.31 ng

RT: 4.48 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

Tot Ion:112 Resp: 1129962

Ion Ratio Lower Upper

112 100

64 58.3 46.0 69.0

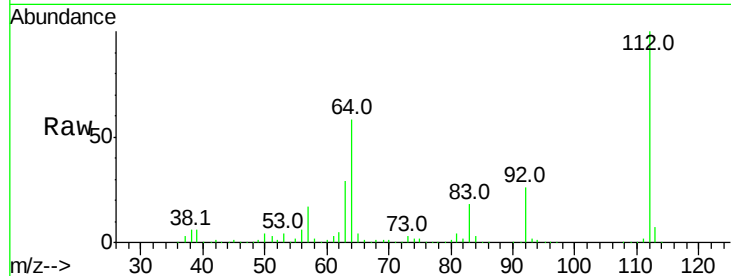
63 29.0 23.4 35.0

Manual Integrations

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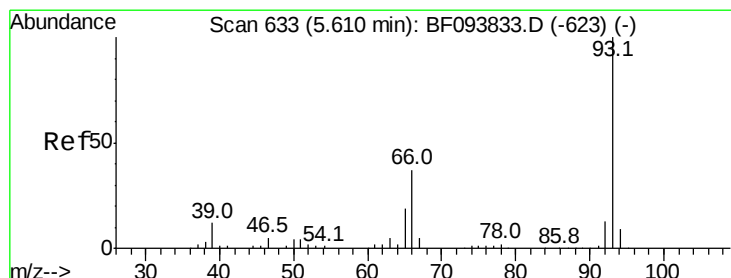
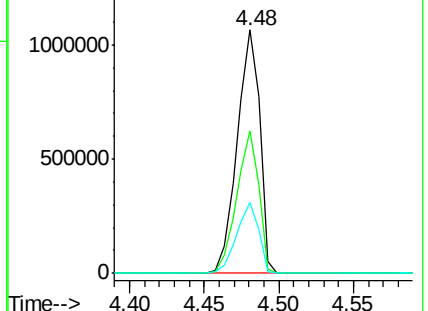
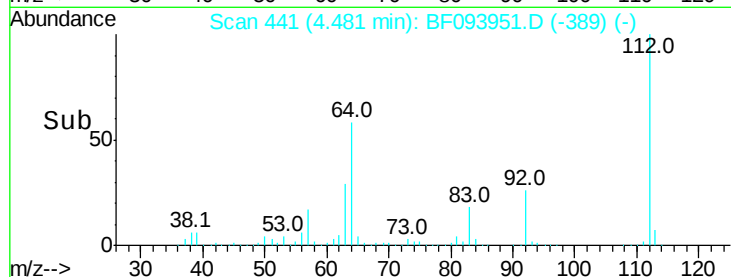
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.50 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

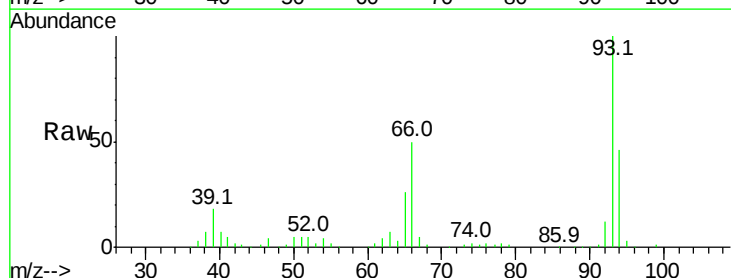
Tgt Ion: 93 Resp: 280579

Ion Ratio Lower Upper

93 100

66 49.6 32.9 49.3#

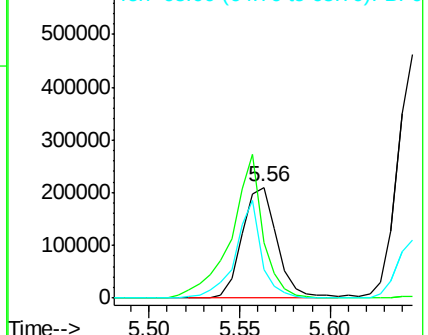
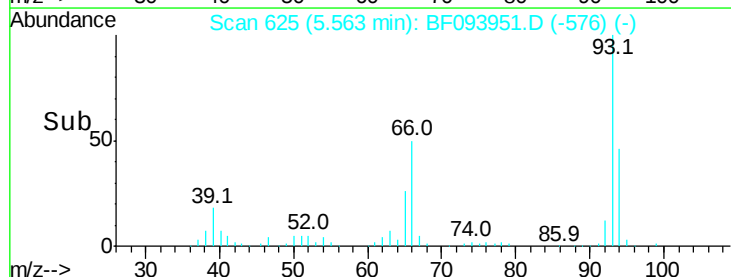
65 25.9 16.0 24.0#

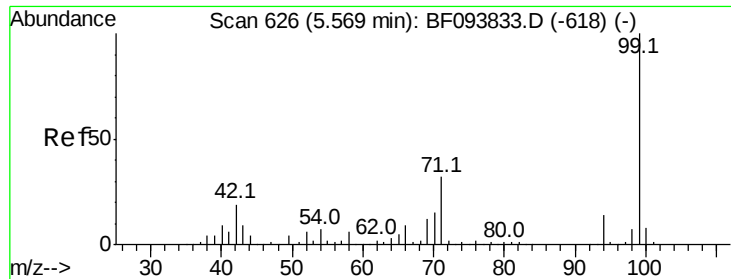


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.29 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093951.D

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Instrument :

BNA_F

ClientSampleId :

PB97837BS

Tot Ion: 99 Resp: 1432185

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

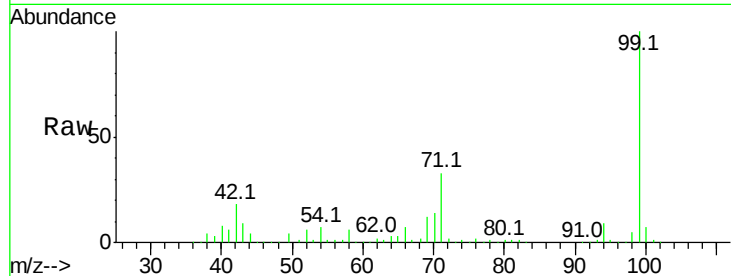
71 32.7 24.5 36.7

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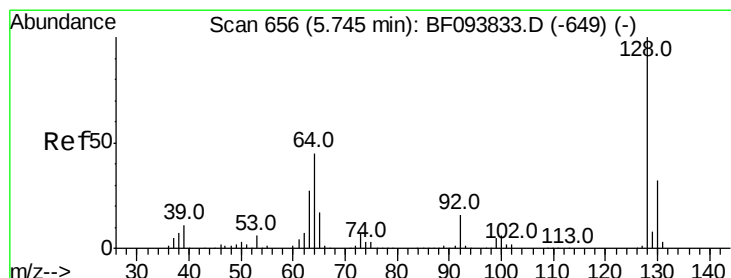
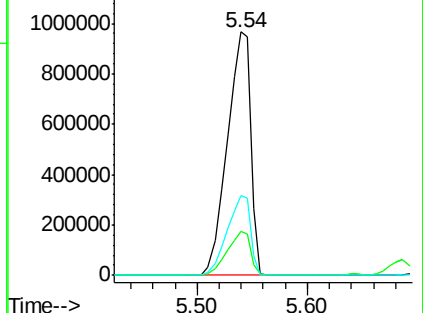
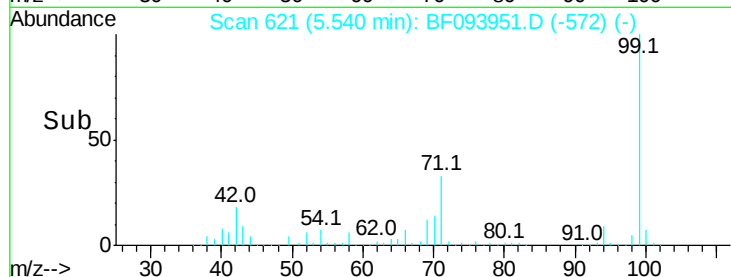
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.26 ng

RT: 5.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

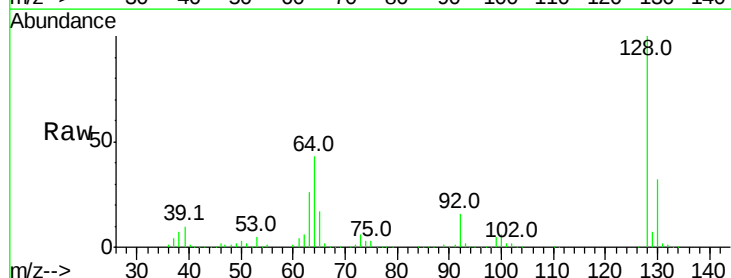
Tgt Ion: 128 Resp: 432657

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

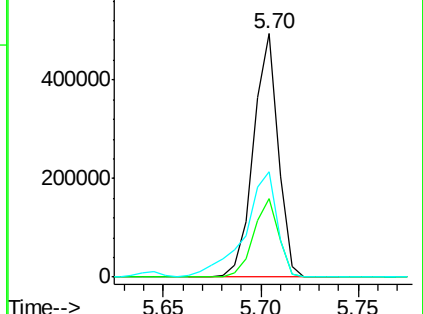
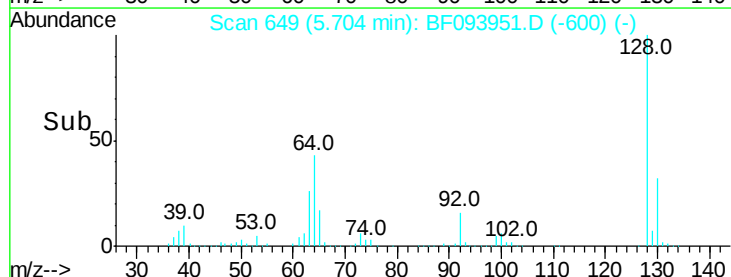
64 43.3 28.4 68.4

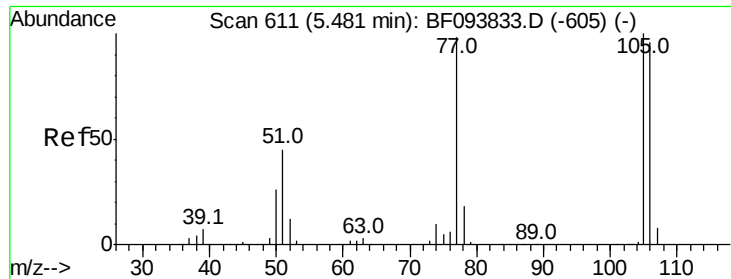


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.23 ng

RT: 5.43 min Scan# 602

Delta R.T. -0.02 min

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BNA_F

ClientSampleId :

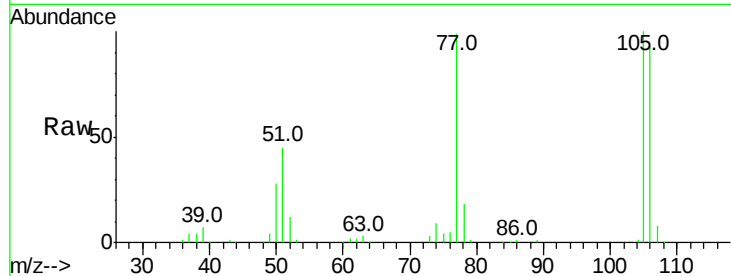
PB97837BS

Tot Ion: 77 Resp: 95162

Ion	Ratio	Lower	Upper
77	100		
105	101.1	83.8	123.8
106	94.5	79.1	119.1

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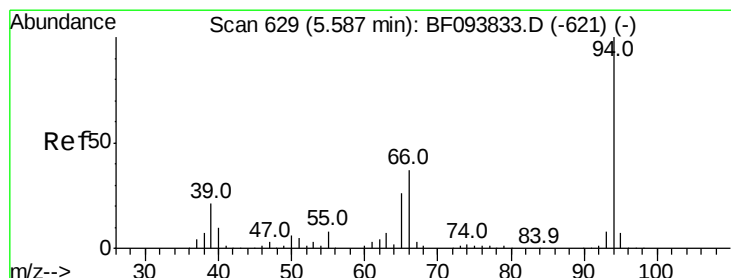
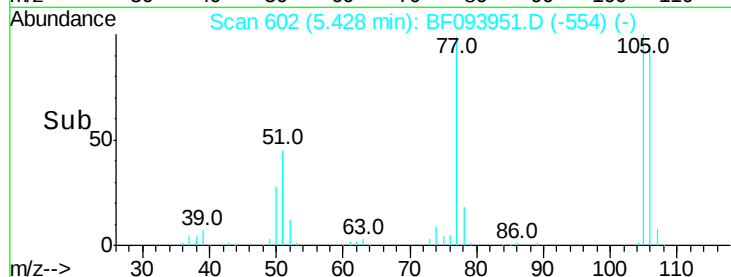
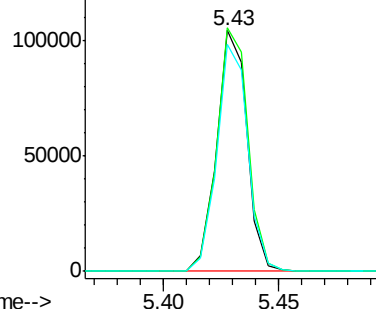
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.35 ng

RT: 5.56 min Scan# 624

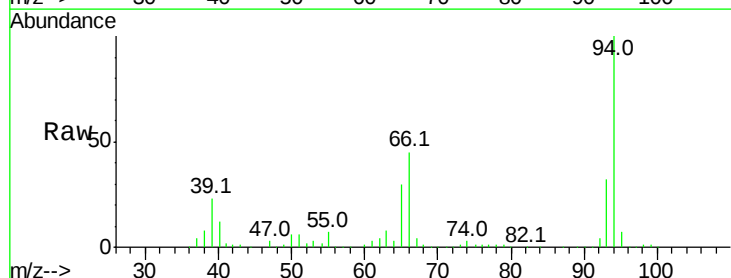
Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion: 94 Resp: 515929

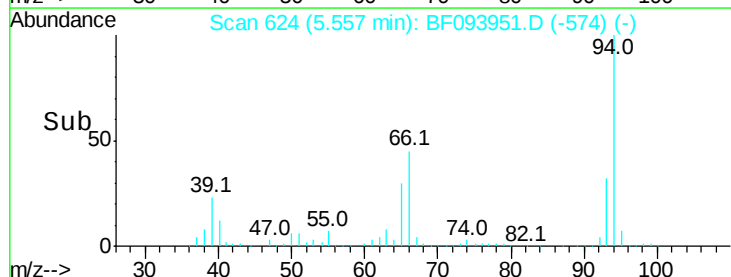
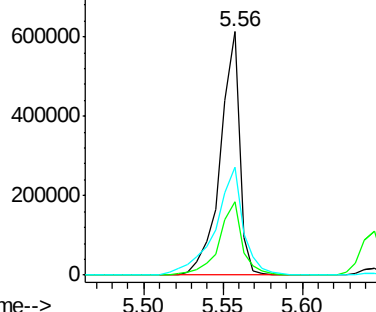
Ion	Ratio	Lower	Upper
94	100		
65	30.3	9.9	49.9
66	44.6	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.15 ng

RT: 5.65 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

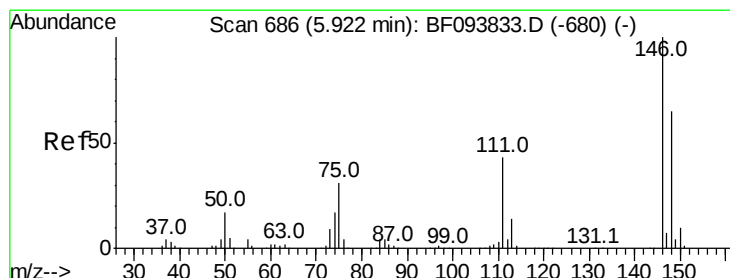
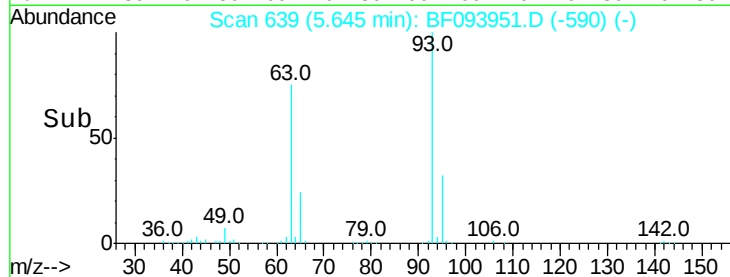
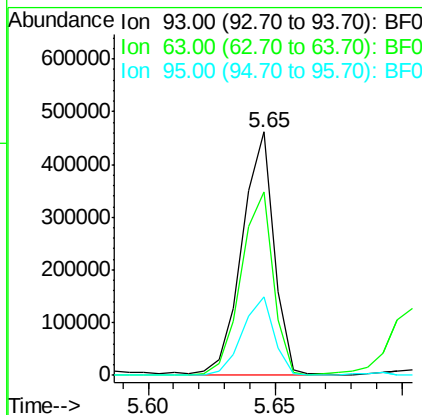
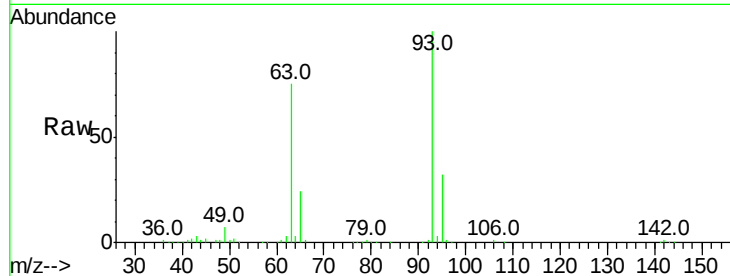
ClientSampleId :

PB97837BS

Tot Ion:	93	Resp:	401143
Ion Ratio	Lower	Upper	
93	100		
63	75.4	59.2	99.2
95	32.1	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.00 ng

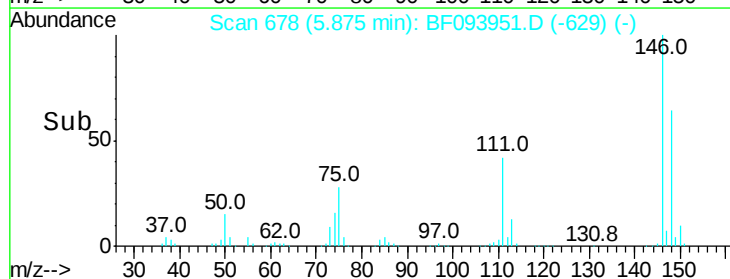
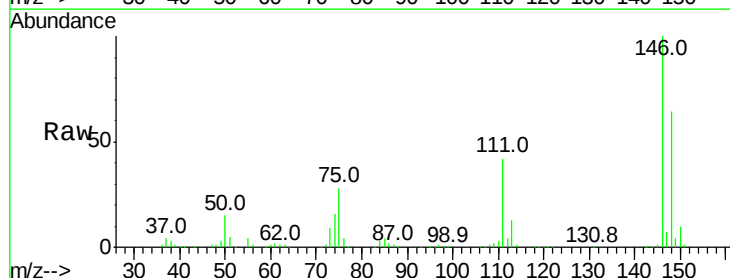
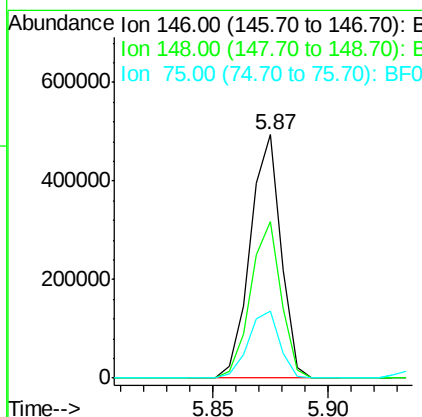
RT: 5.87 min Scan# 678

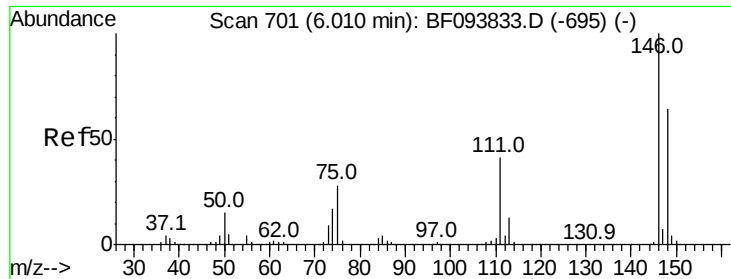
Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion:	146	Resp:	459336
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.6
75	27.6	23.1	34.7





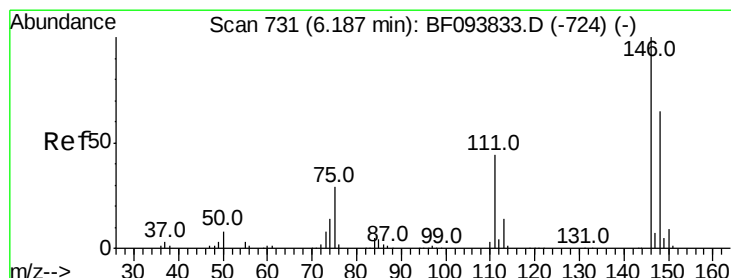
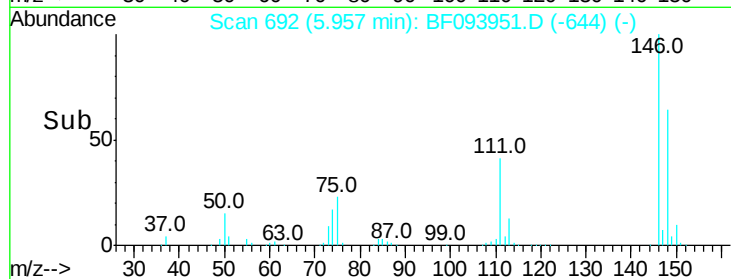
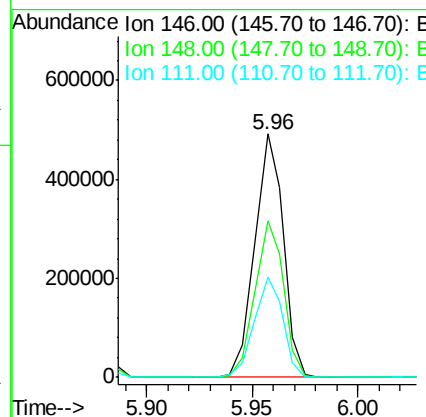
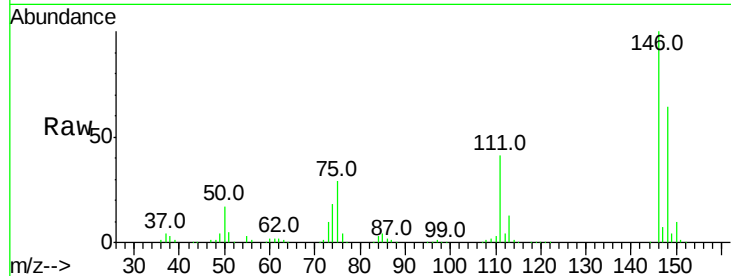
#13
 1,4-Dichlorobenzene
 Concen: 39.85 ng
 RT: 5.96 min Scan# 692
 Delta R.T. -0.02 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	41.2	30.3	45.5

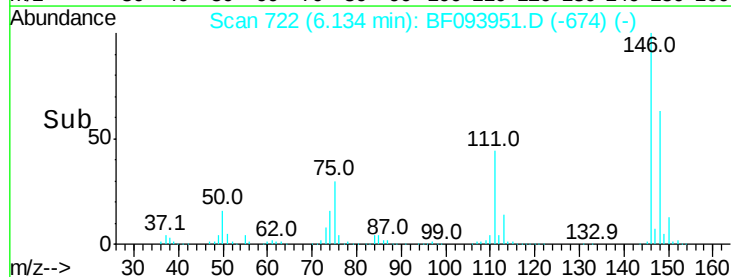
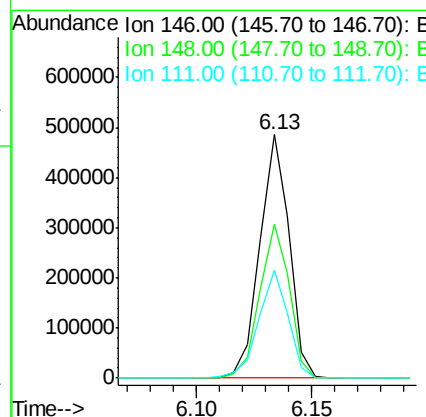
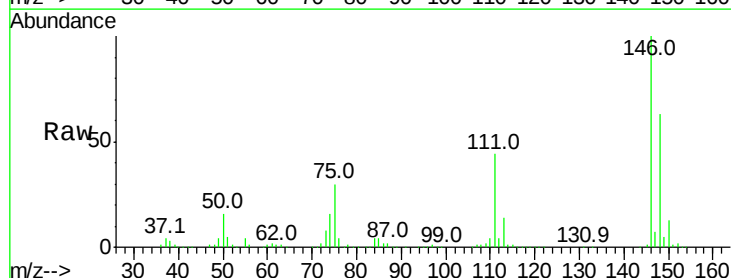
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#14
 1,2-Dichlorobenzene
 Concen: 40.20 ng
 RT: 6.13 min Scan# 722
 Delta R.T. -0.02 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	44.4	38.2	57.4





#15

Benzyl Alcohol

Concen: 43.22 ng

RT: 6.10 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

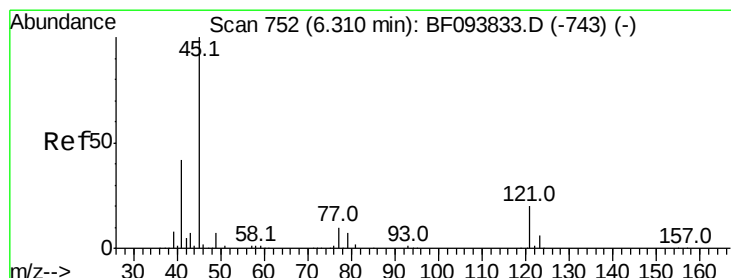
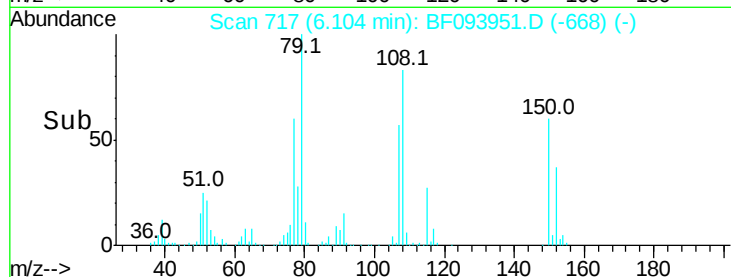
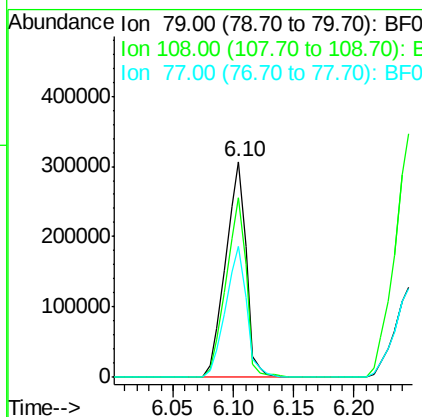
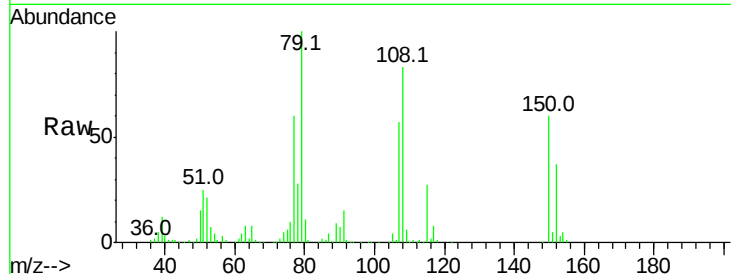
ClientSampleId :

PB97837BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.1	63.4	95.0
77	60.4	49.2	73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.90 ng

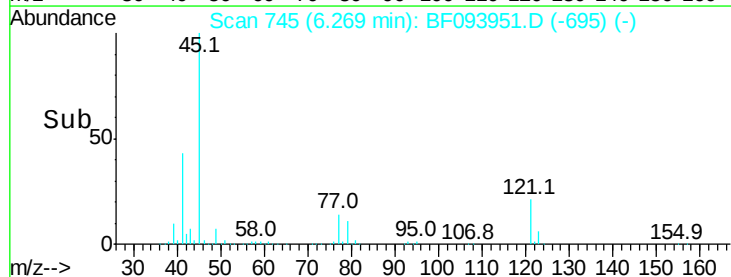
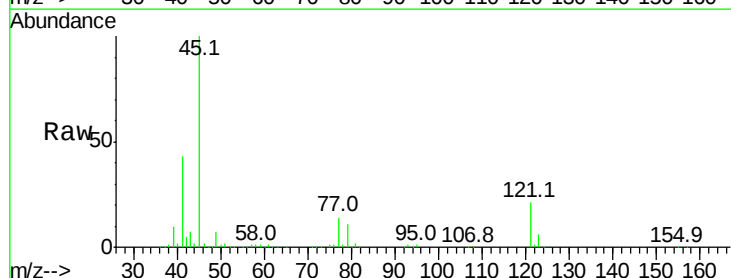
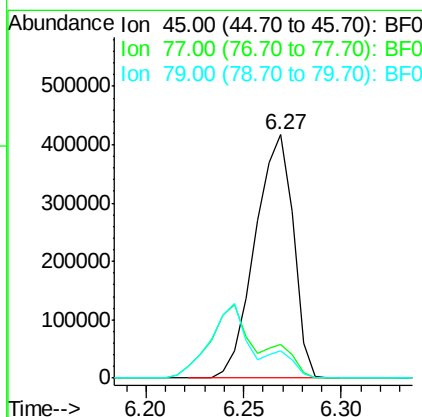
RT: 6.27 min Scan# 745

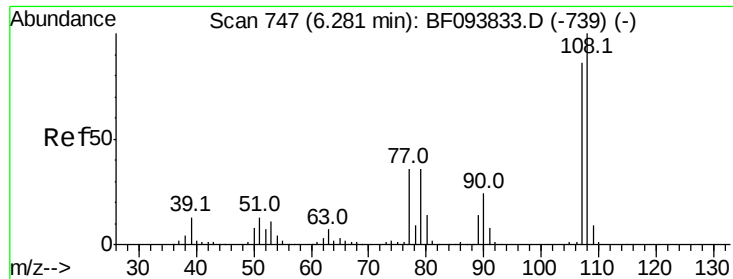
Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	33.2
79	11.2	0.0	30.0





#17

2-Methylphenol

Concen: 41.62 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

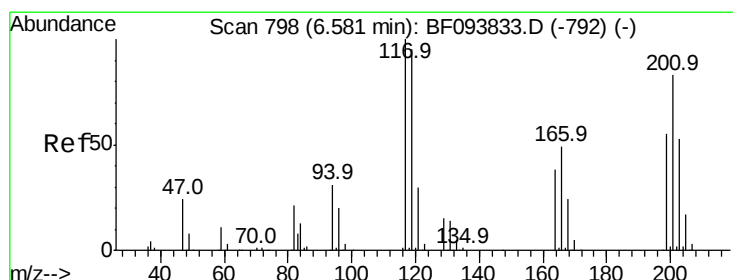
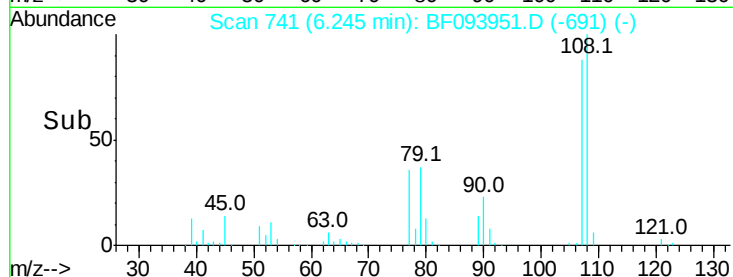
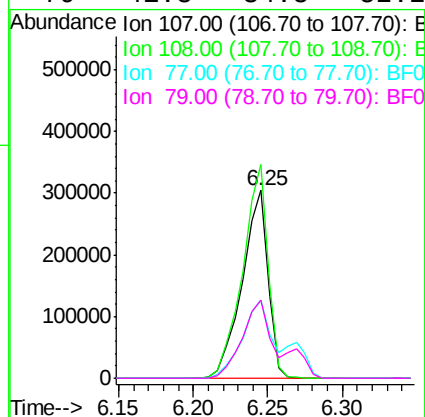
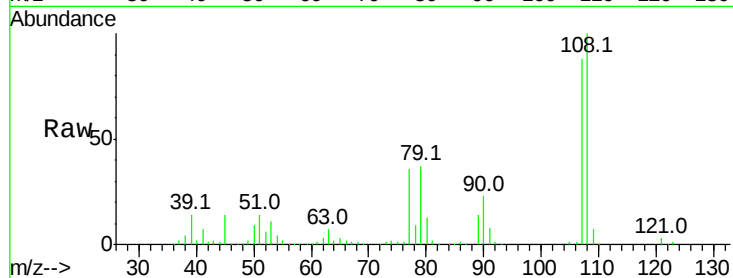
ClientSampled :

PB97837BS

Tot Ion	107	Resp	364961
Ion Ratio	Lower	Upper	
107	100		
108	113.9	93.4	140.0
77	41.4	35.8	53.6
79	41.8	34.8	52.2

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#18

Hexachloroethane

Concen: 40.07 ng

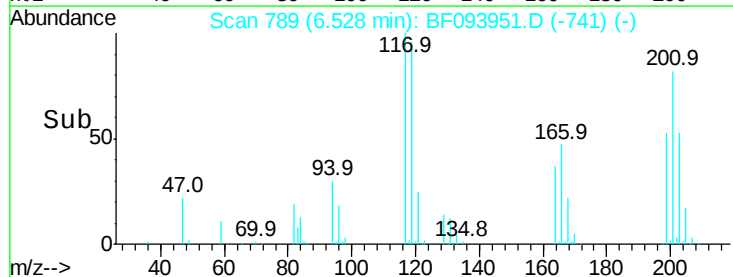
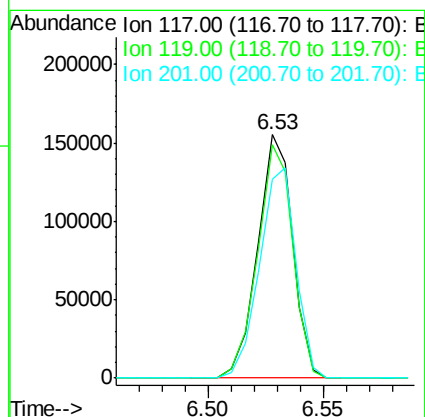
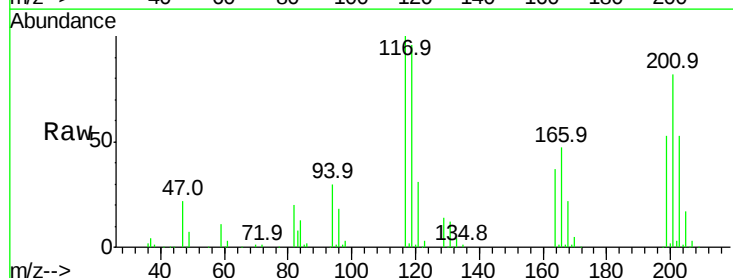
RT: 6.53 min Scan# 789

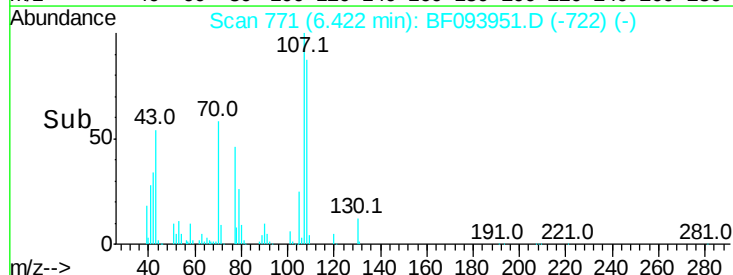
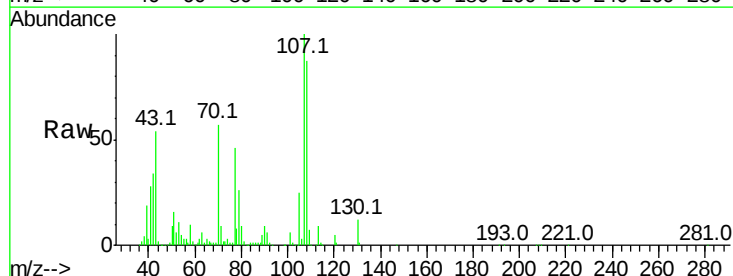
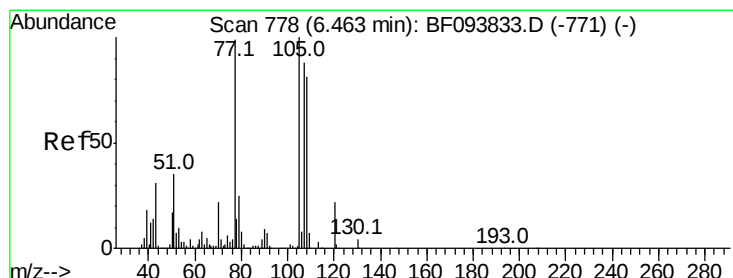
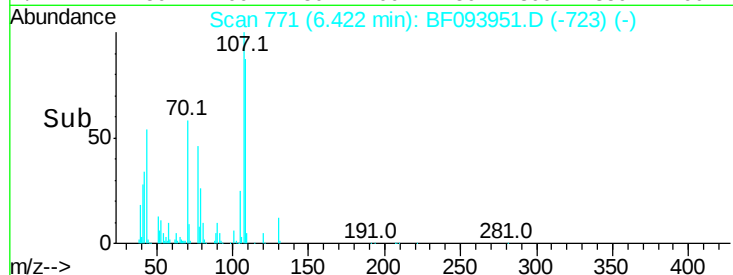
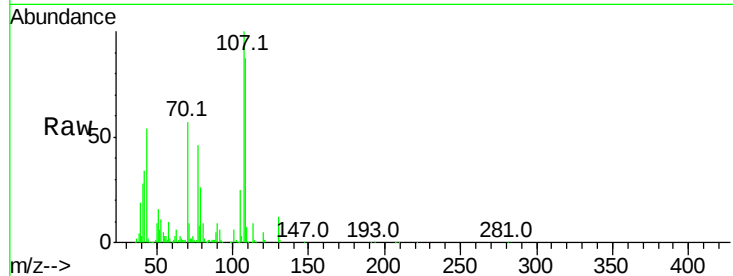
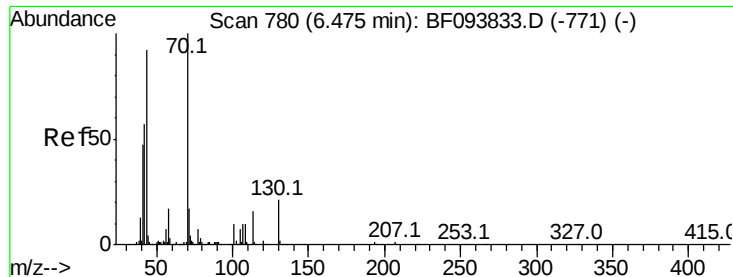
Delta R.T. -0.02 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion	117	Resp	163815
Ion Ratio	Lower	Upper	
117	100		
119	95.8	77.4	116.0
201	81.5	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 39.16 ng

RT: 6.42 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF093951.D

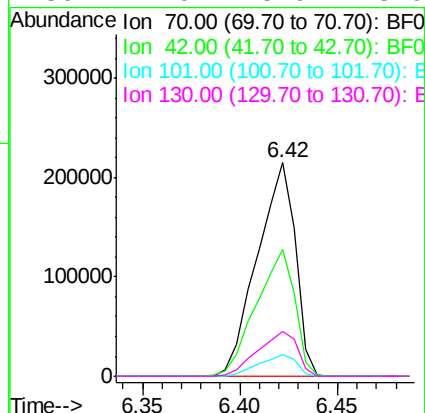
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.4	47.2	70.8
101	10.4	7.2	10.8
130	21.0	15.9	23.9

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#20

3+4-Methylphenols

Concen: 42.51 ng

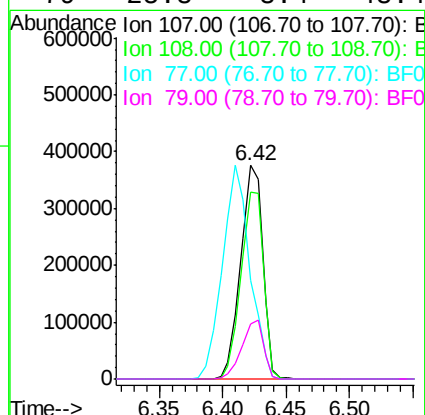
RT: 6.42 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	71.0	111.0
77	46.1	90.5	130.5#
79	25.8	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: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

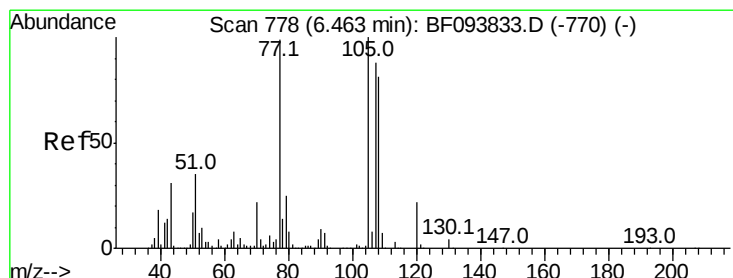
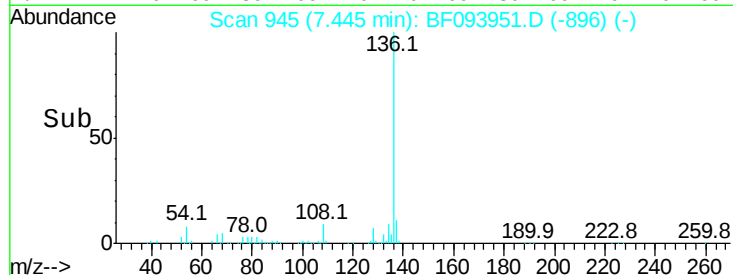
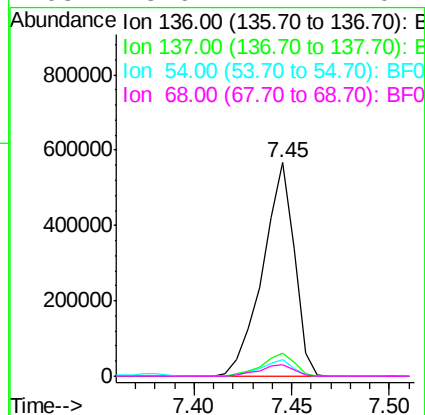
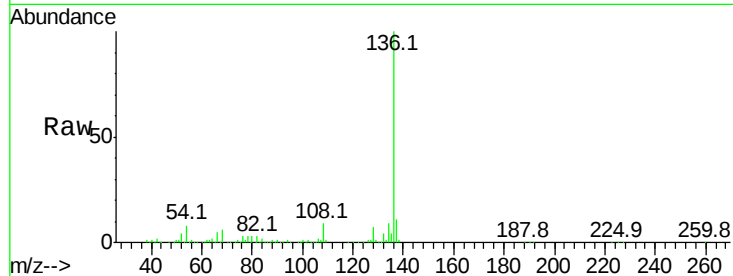
ClientSampleId :

PB97837BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.7	4.9	7.3#
68	5.6	4.1	6.1

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#22

Acetophenone

Concen: 41.78 ng

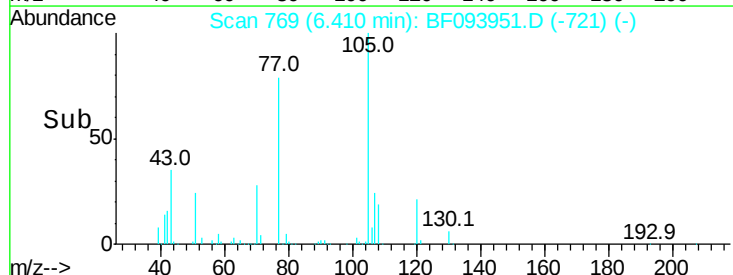
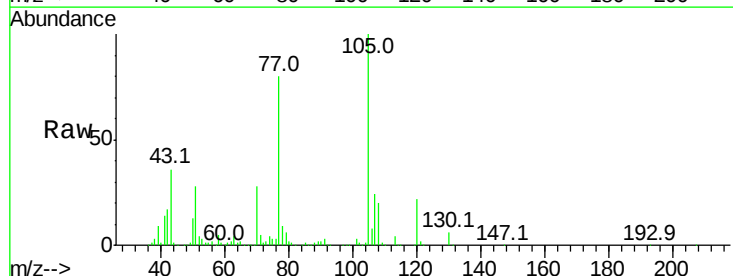
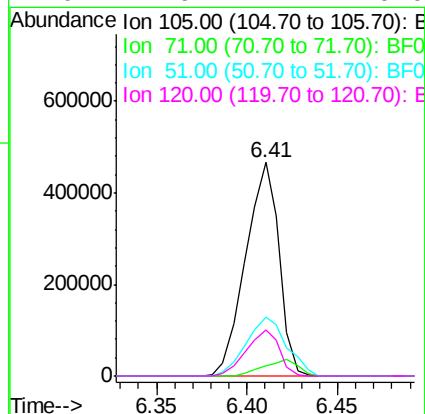
RT: 6.41 min Scan# 769

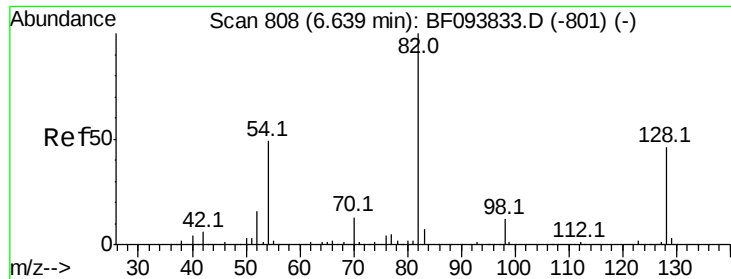
Delta R.T. -0.02 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.7	2.8	4.2#
51	27.6	30.7	46.1#
120	21.6	17.4	26.0





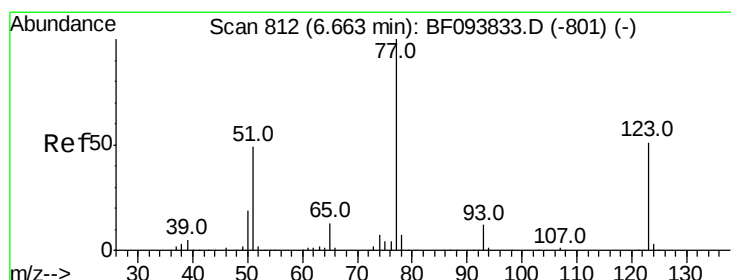
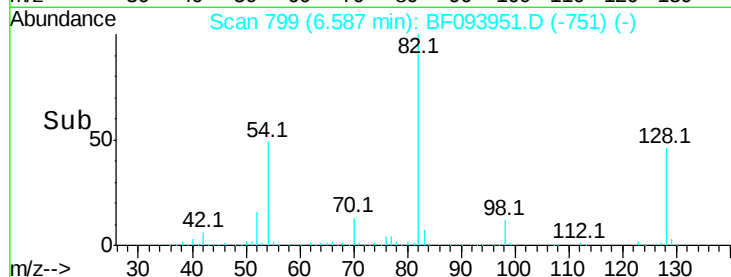
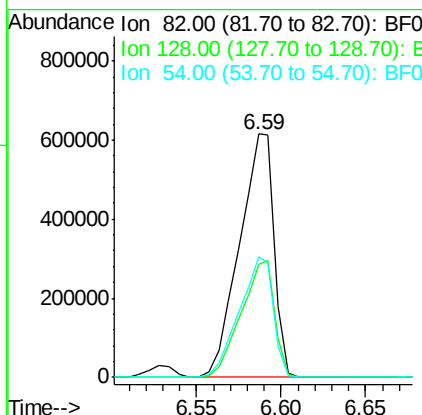
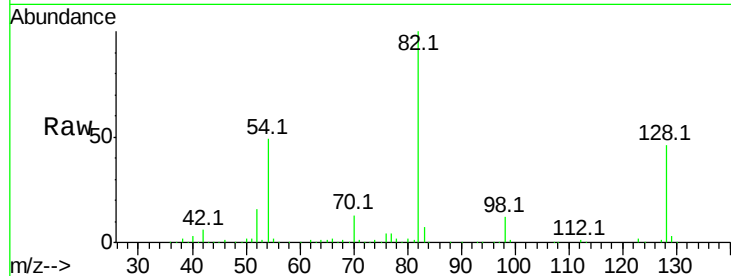
#23
 Nitrobenzene-d5
 Concen: 78.24 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	49.4	42.2	63.2

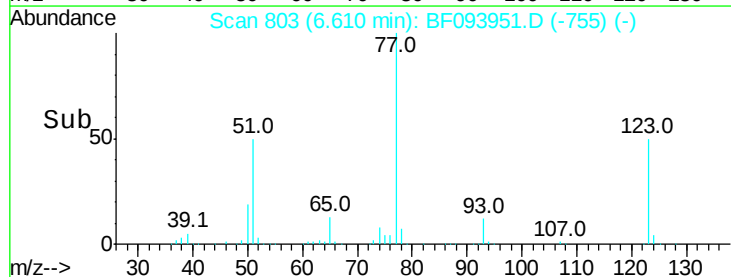
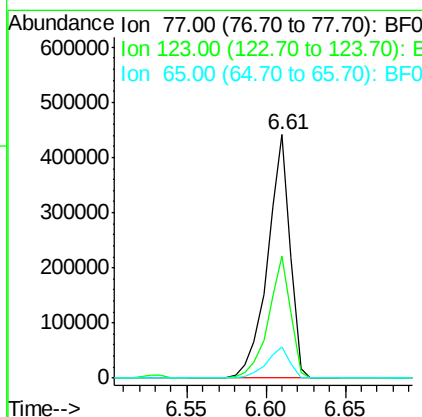
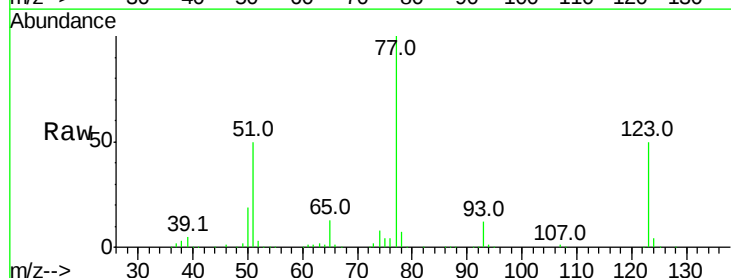
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#24
 Nitrobenzene
 Concen: 39.61 ng
 RT: 6.61 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	35.8	53.8
65	12.8	10.6	15.8





#25

Isophorone

Concen: 40.26 ng

RT: 6.90 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

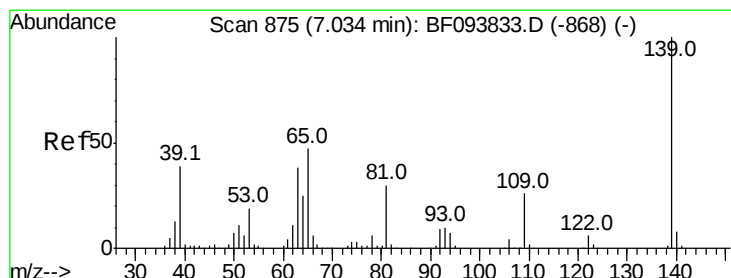
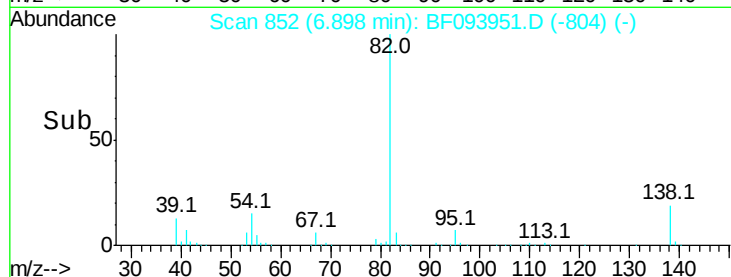
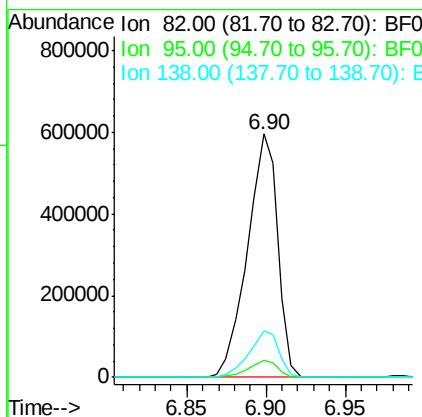
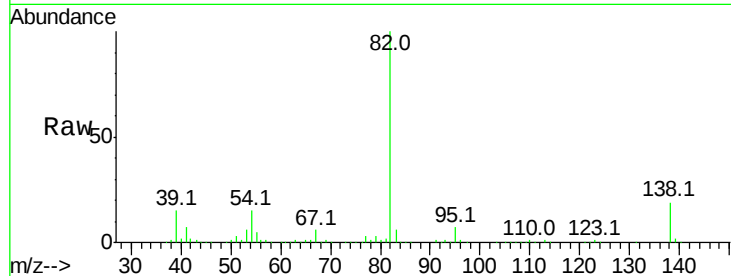
ClientSampleId :

PB97837BS

Tot Ion:	82	Resp:	790953
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.3	7.9
138	18.9	13.1	19.7

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#26

2-Nitrophenol

Concen: 46.06 ng

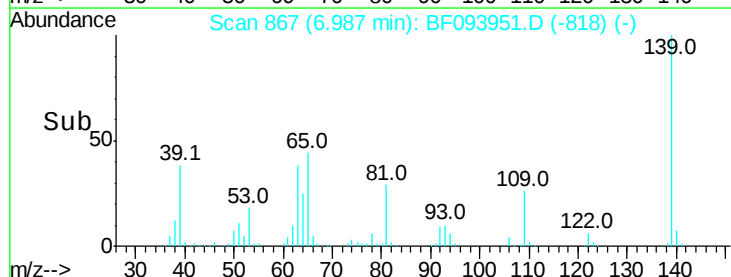
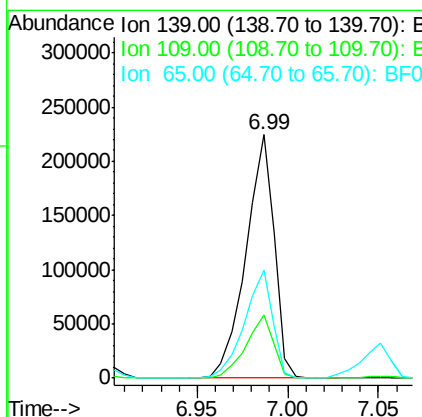
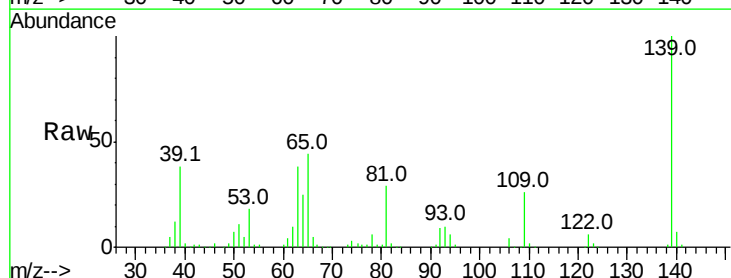
RT: 6.99 min Scan# 867

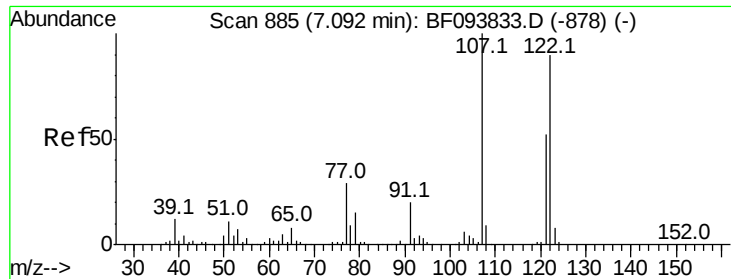
Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion:	139	Resp:	242212
Ion Ratio		Lower	Upper
139	100		
109	25.9	21.0	31.6
65	44.2	33.0	49.6





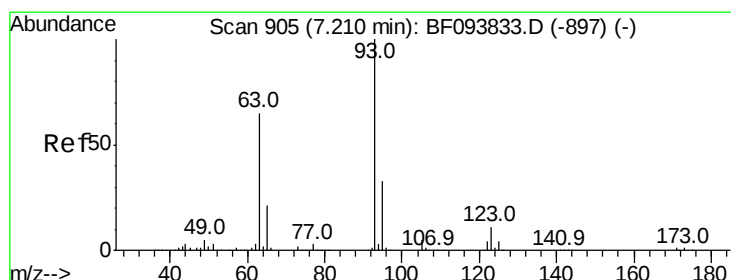
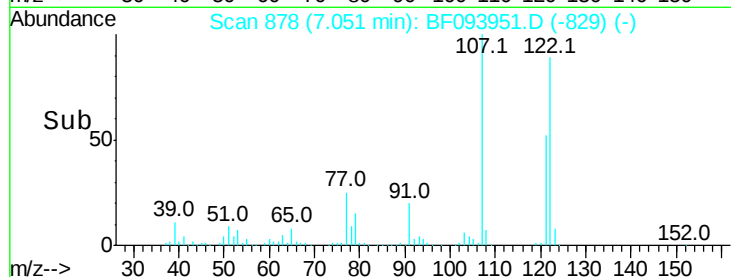
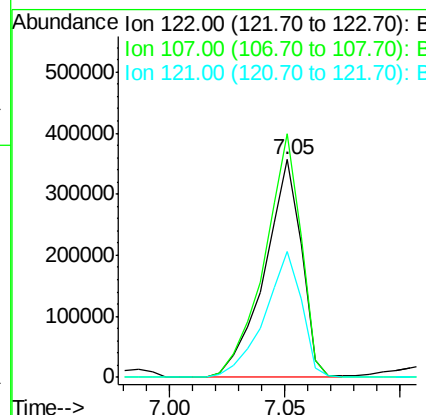
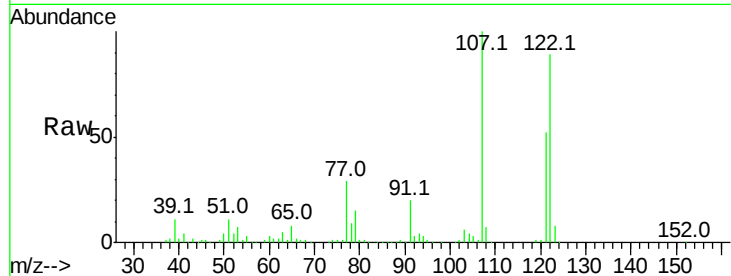
#27
2,4-Dimethylphenol
Concen: 43.91 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampled :
PB97837BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	89.2	133.8
121	58.1	45.2	67.8

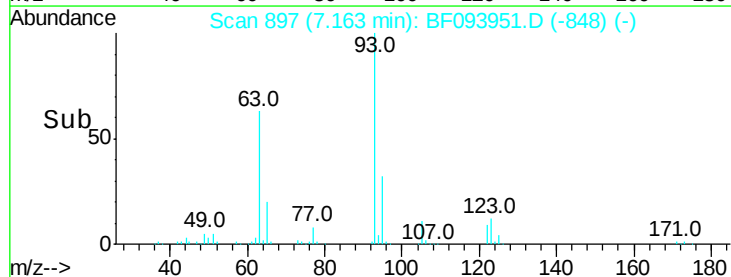
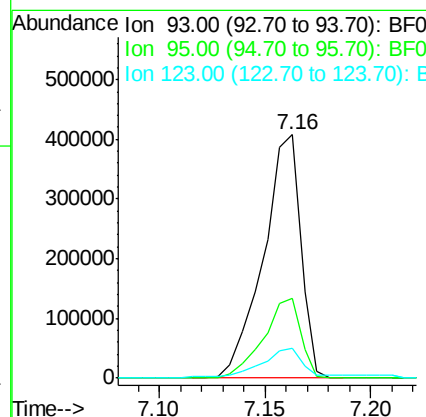
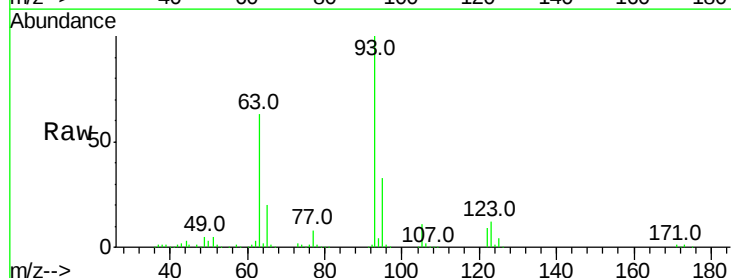
Manual Integrations
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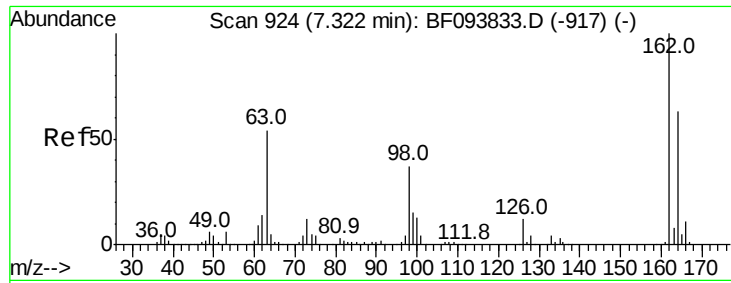
mohammad
3/28/2017 3:43:15 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.94 ng
RT: 7.16 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	12.0	9.0	13.4





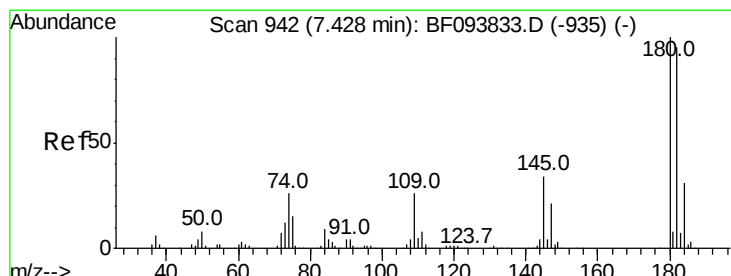
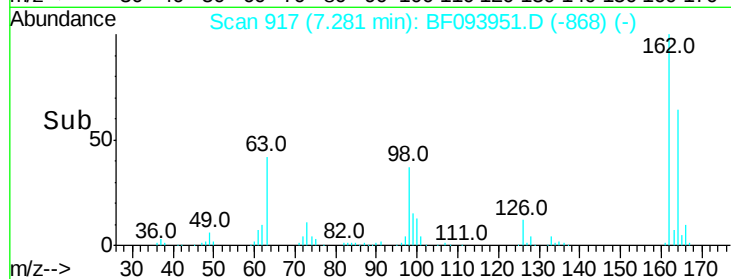
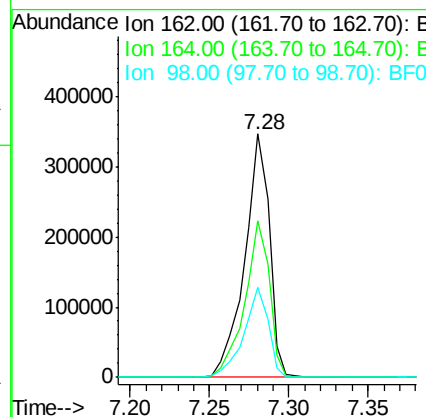
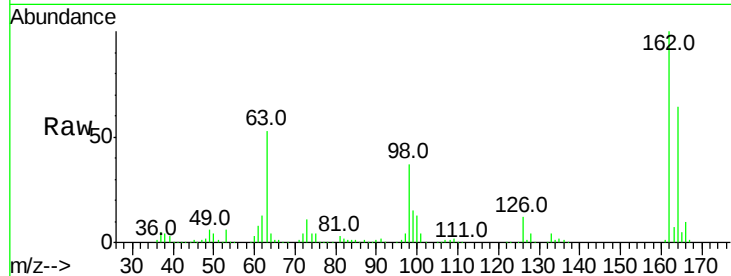
#29
 2,4-Dichlorophenol
 Concen: 44.28 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	375074		
164	64.5	44.6	84.6	
98	36.7	14.8	54.8	

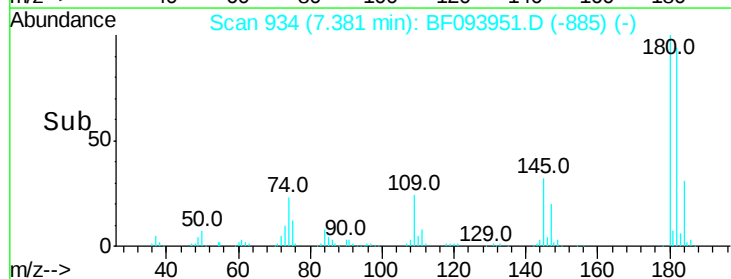
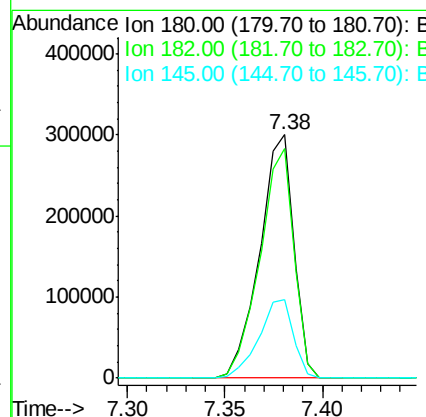
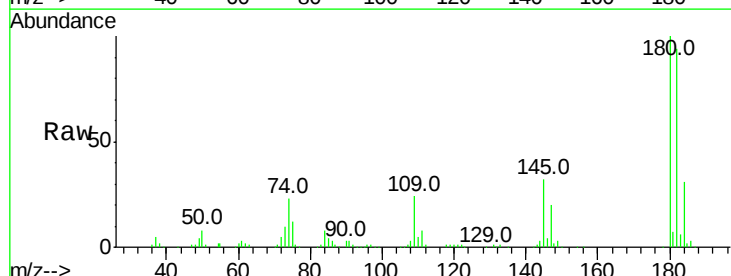
Manual Integrations
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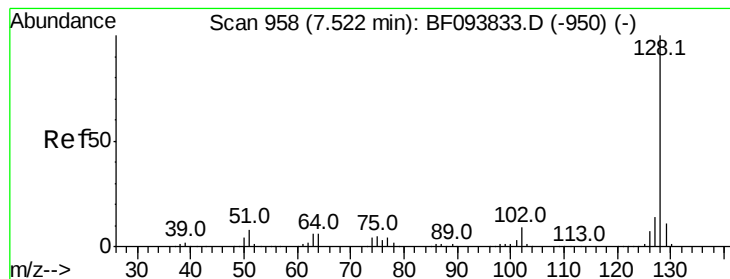
mohammad
 3/28/2017 3:43:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.71 ng
 RT: 7.38 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	363886		
182	94.5	75.8	113.6	
145	32.2	25.3	37.9	





#31

Naphthalene

Concen: 39.77 ng

RT: 7.47 min Scan# 949

Delta R.T. -0.02 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

Tot Ion:128 Resp: 1220163

Ion Ratio Lower Upper

128 100

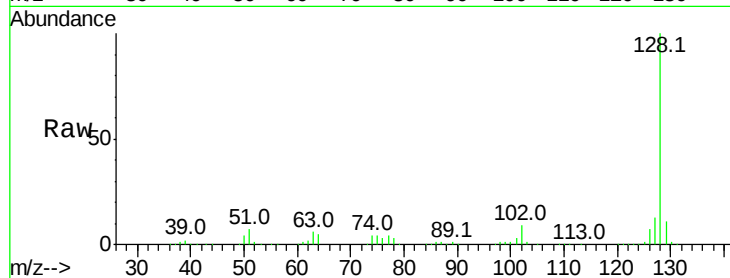
129 11.2 9.0 13.6

127 13.5 10.8 16.2

Manual Integrations
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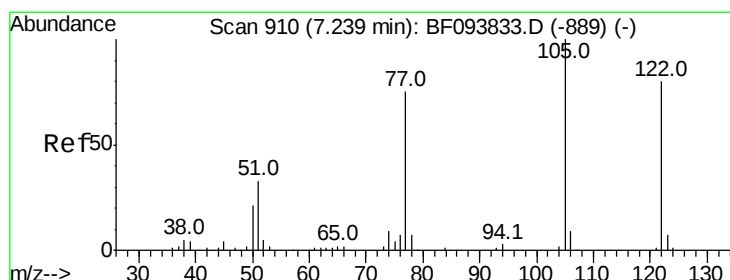
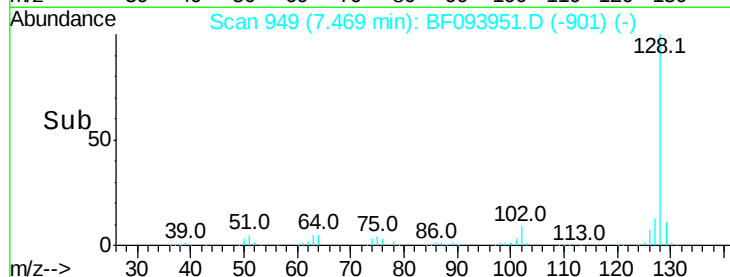
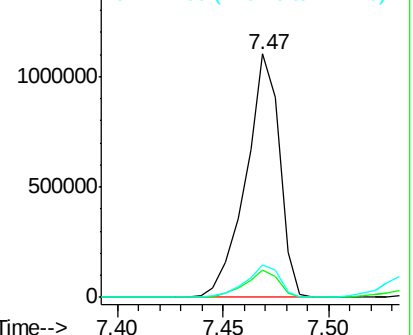
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 47.07 ng

RT: 7.20 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

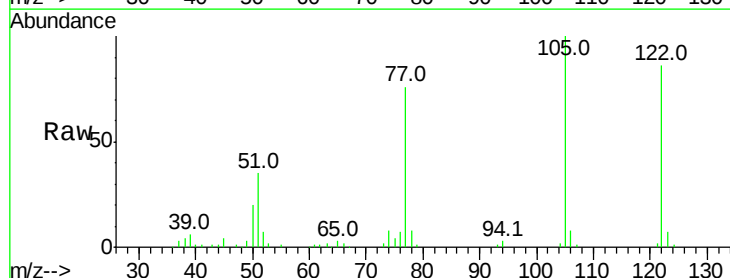
Tgt Ion:122 Resp: 283916

Ion Ratio Lower Upper

122 100

105 115.9 103.3 143.3

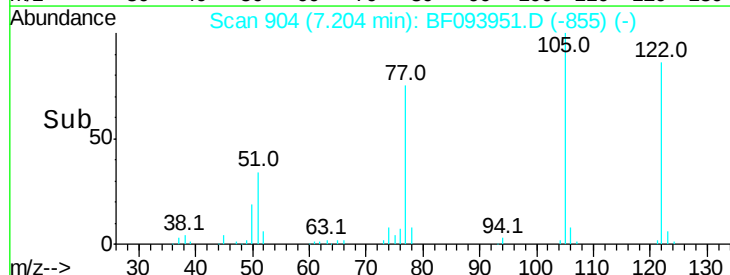
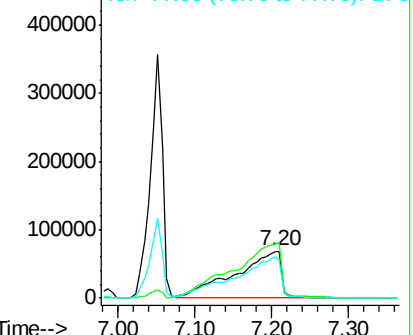
77 88.1 73.7 113.7



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





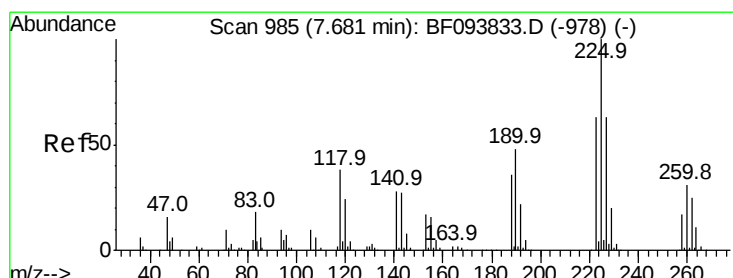
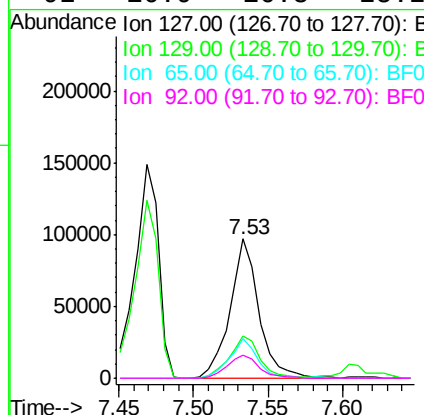
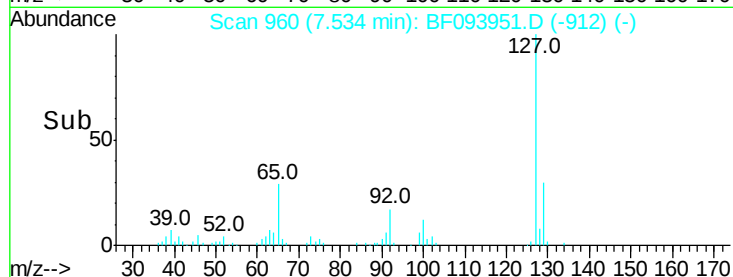
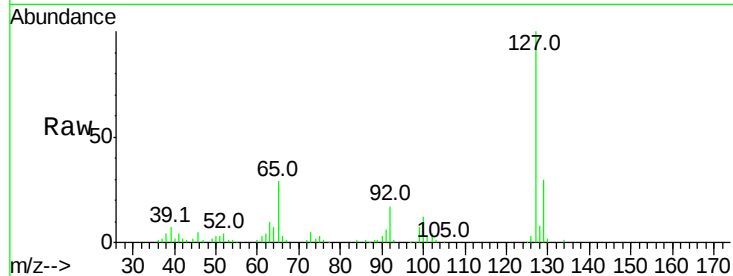
#33
4-Chloroaniline
Concen: 10.67 ng
RT: 7.53 min Scan# 960
Delta R.T. -0.02 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.2	26.2	39.2	
65	28.8	27.8	41.8	
92	16.9	16.8	25.2	

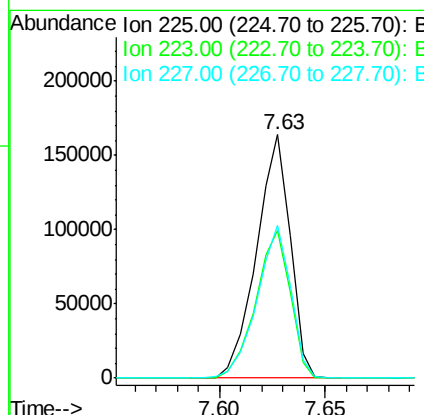
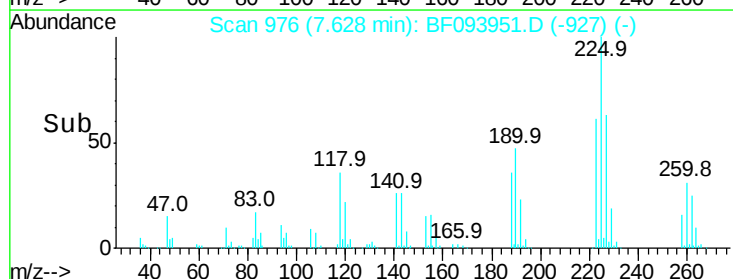
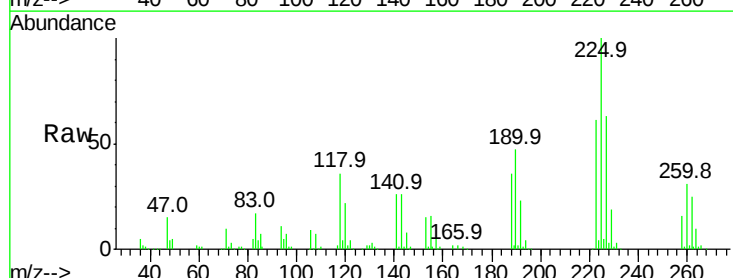
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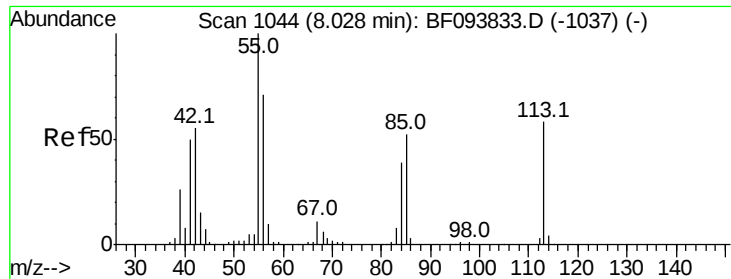
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#34
Hexachlorobutadiene
Concen: 40.63 ng
RT: 7.63 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.7	48.8	73.2	
227	62.5	51.1	76.7	





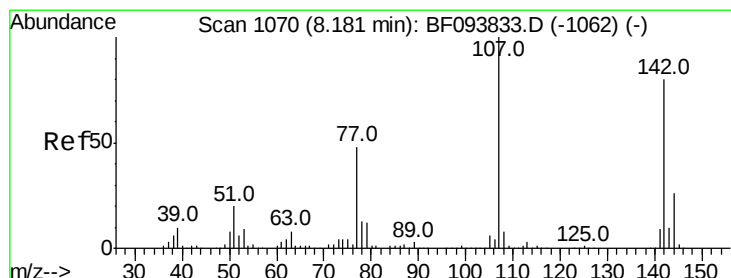
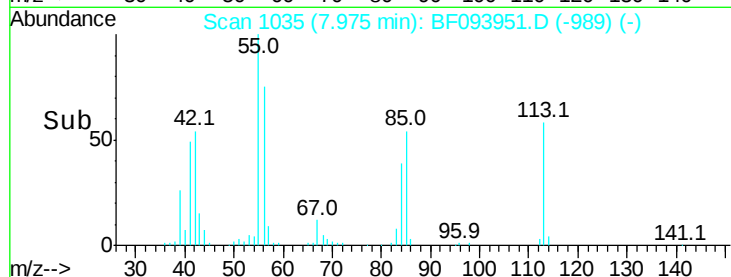
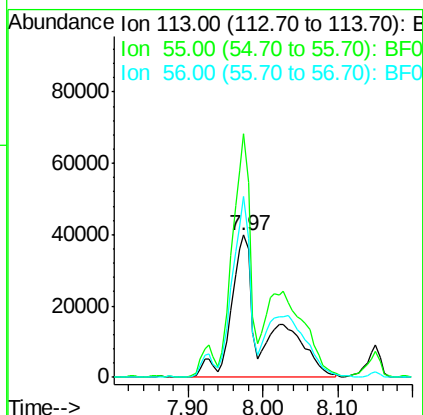
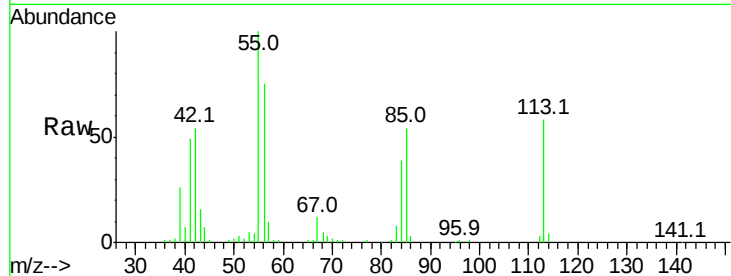
#35
 Caprolactam
 Concen: 46.97 ng/ml
 RT: 7.97 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.2	150.2	190.2
56	127.6	107.8	147.8

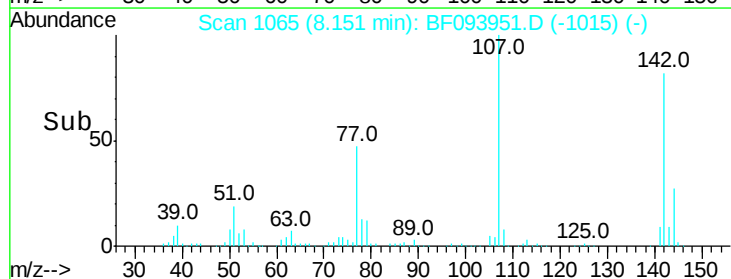
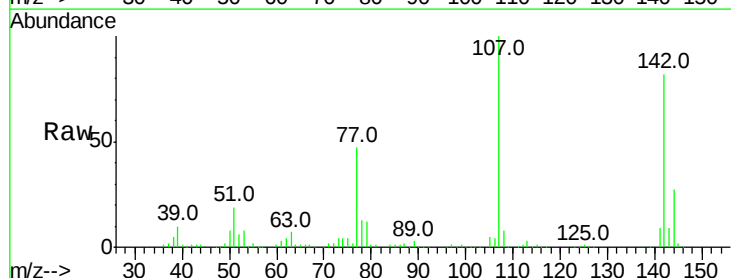
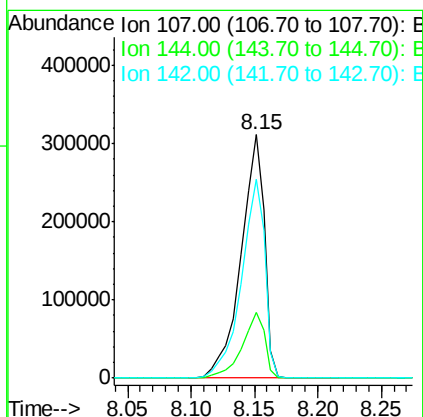
Manual Integrations
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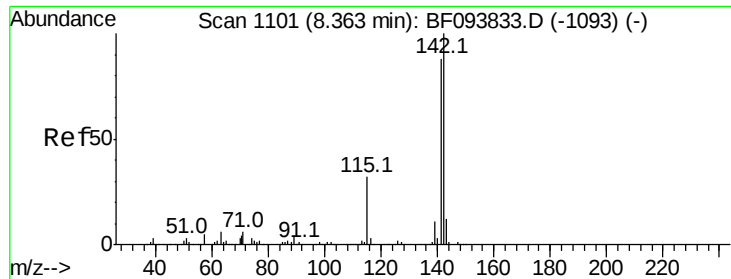
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 44.88 ng/ml
 RT: 8.15 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	24.2	36.4
142	81.7	73.4	110.0





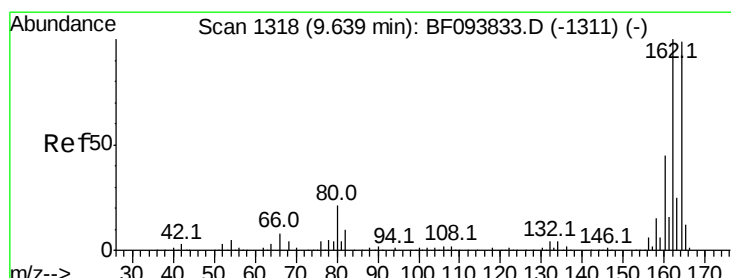
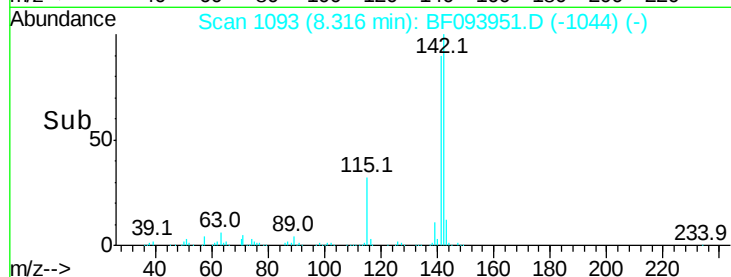
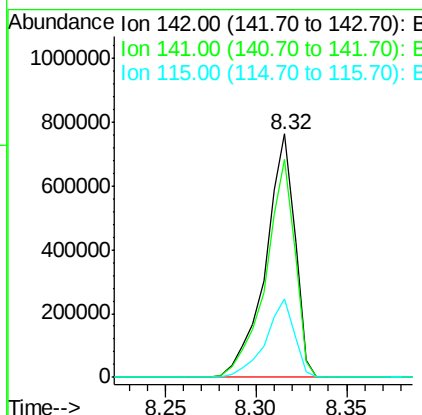
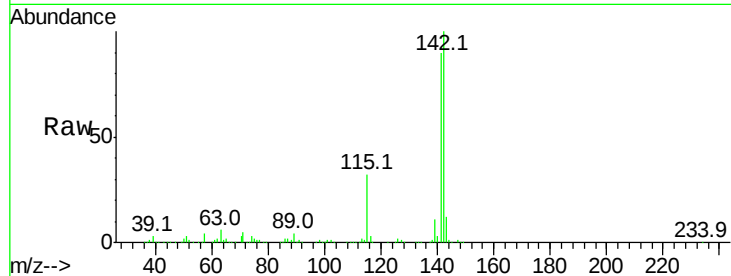
#37
2-Methylnaphthalene
Concen: 42.14 ng
RT: 8.32 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	861743		
141	89.6	71.3	106.9	
115	32.0	27.1	40.7	

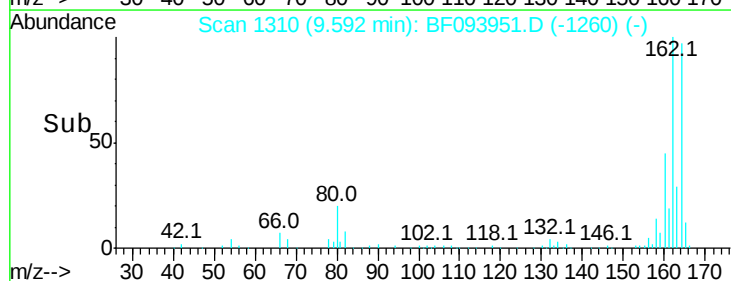
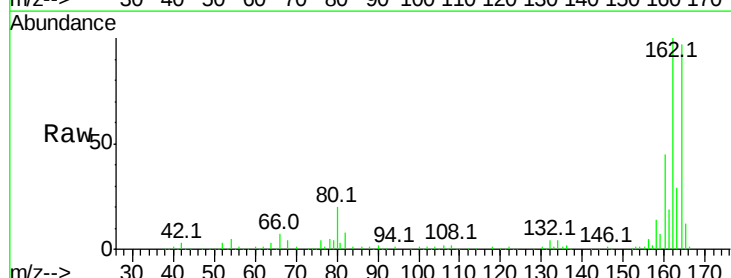
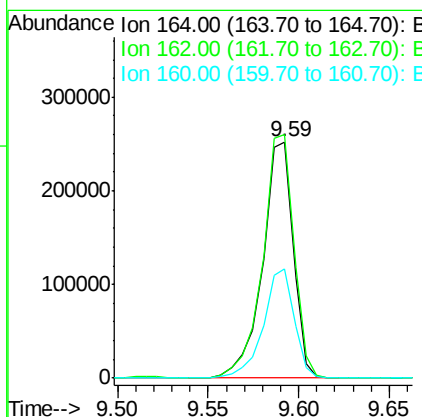
Manual Integrations
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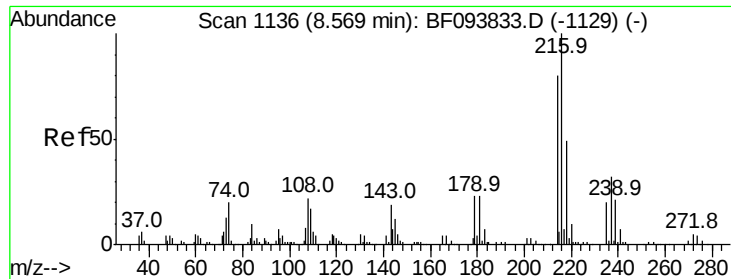
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	296639		
162	103.2	82.6	123.8	
160	46.5	36.2	54.2	





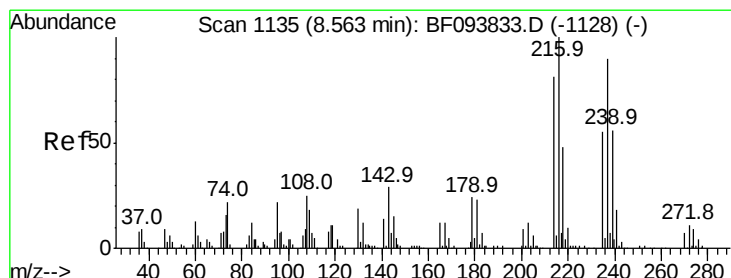
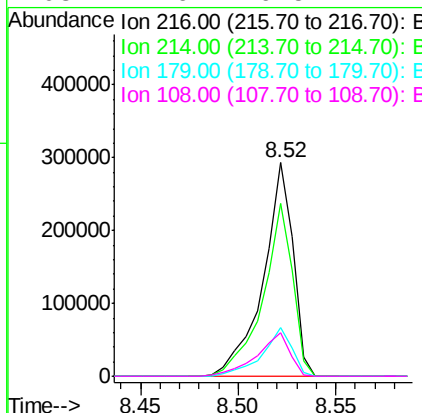
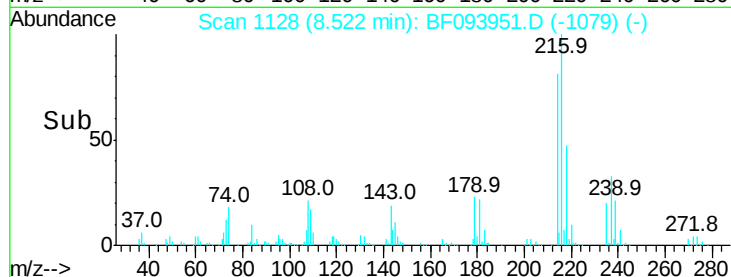
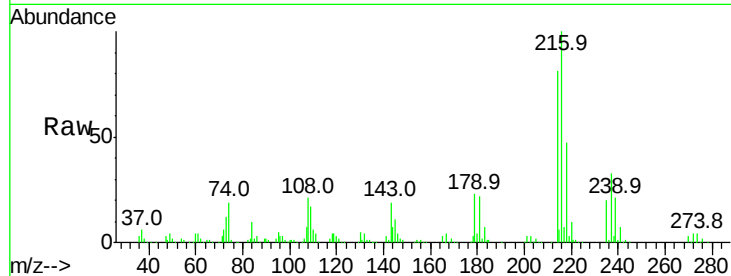
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.31 ng
 RT: 8.52 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	310893		
214	80.1	63.4	95.2	
179	22.6	17.9	26.9	
108	22.6	16.5	24.7	

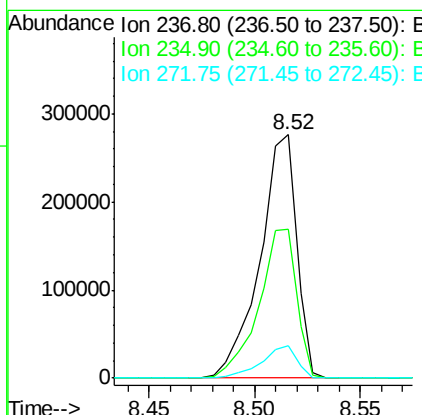
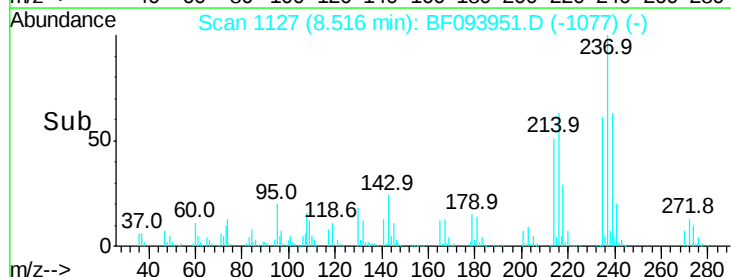
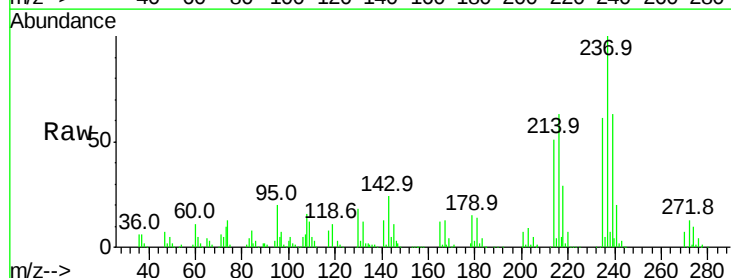
Manual Integrations
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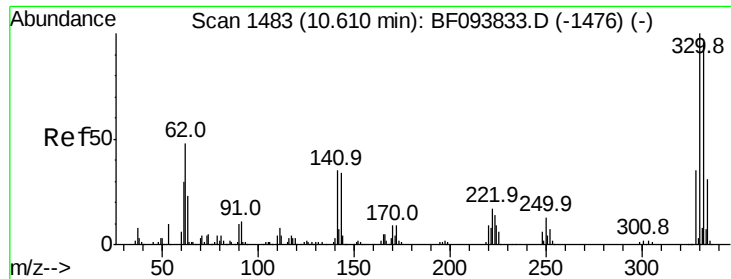
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 88.44 ng
 RT: 8.52 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	335855		
235	61.1	42.6	82.6	
272	13.3	0.0	31.9	





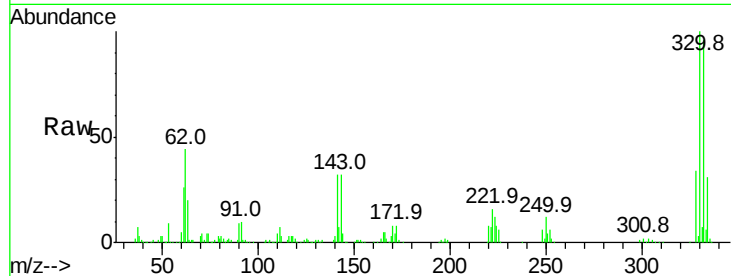
#41
 2,4,6-Tribromophenol
 Concen: 137.54 ng
 RT: 10.57 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

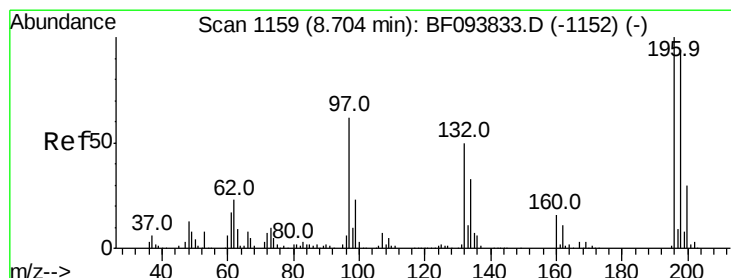
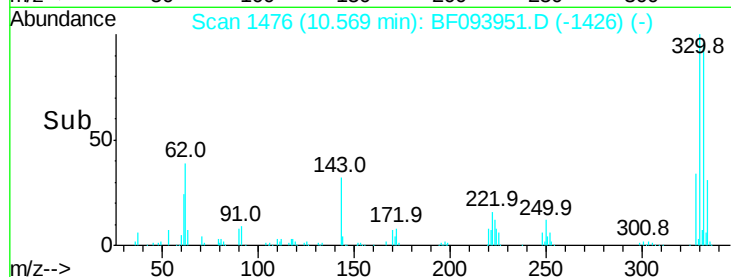
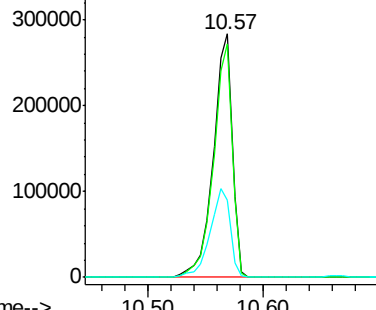
Tot Ion	Ratio	Resp	Lower	Upper
330	100	322394		
332	95.1	76.6	115.0	
141	38.6	31.4	47.2	

Manual Integrations
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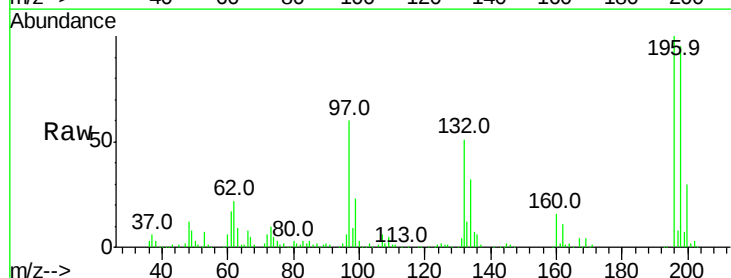


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

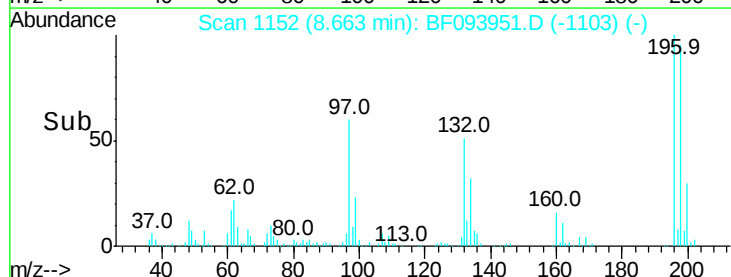
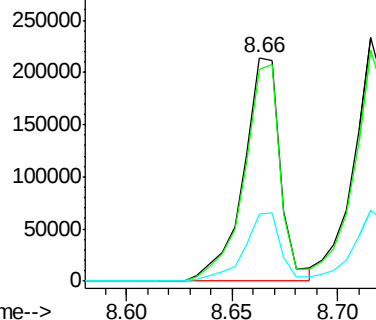


#42
 2,4,6-Trichlorophenol
 Concen: 45.33 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260233		
198	94.9	74.2	111.4	
200	30.0	24.0	36.0	



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





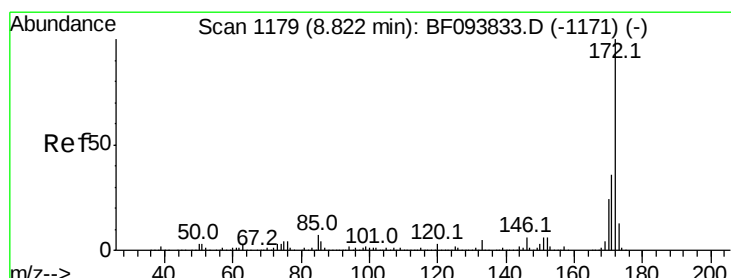
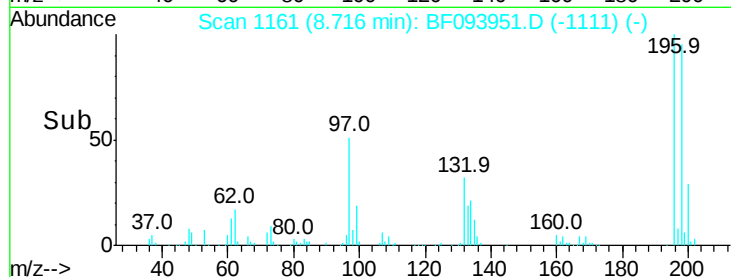
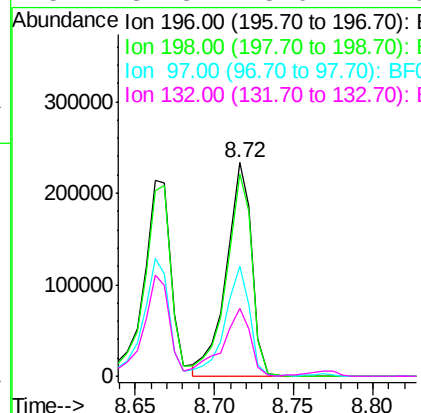
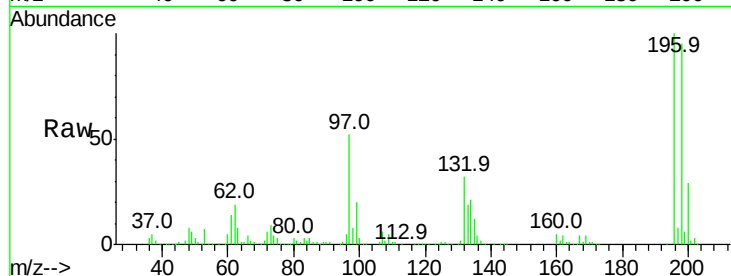
#43
 2,4,5-Trichlorophenol
 Concen: 41.77 ng
 RT: 8.72 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion:	196	Resp:	259489
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.7	113.5
97	51.6	47.7	71.5
132	31.8	28.0	42.0

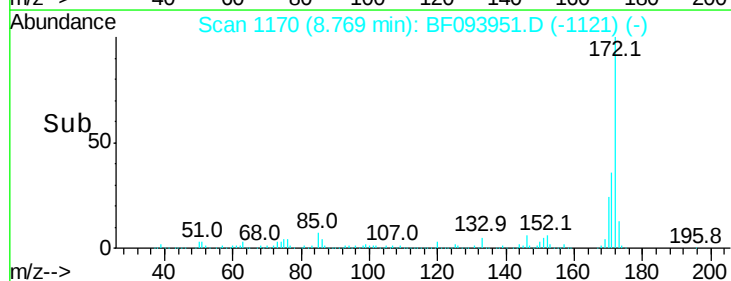
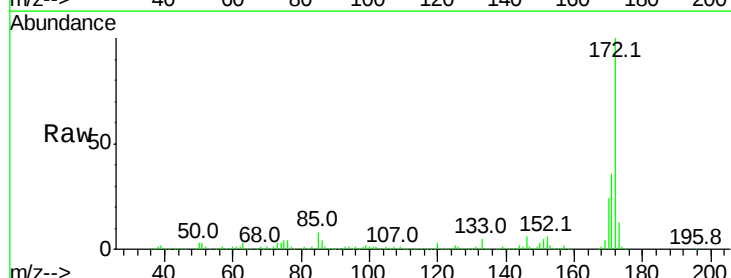
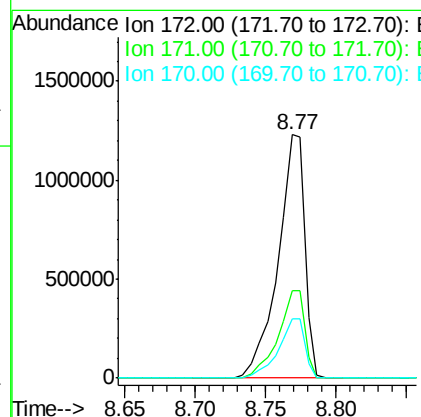
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#44
 2-Fluorobiphenyl
 Concen: 83.77 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion:	172	Resp:	1629158
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	24.3	19.8	29.8





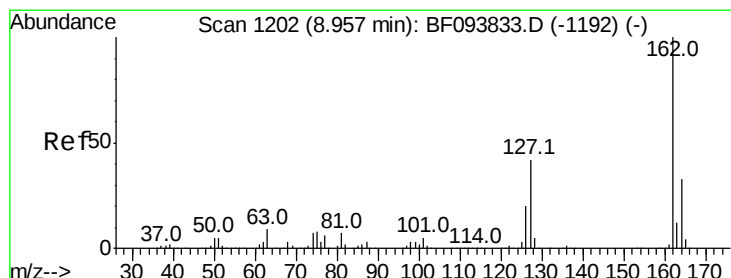
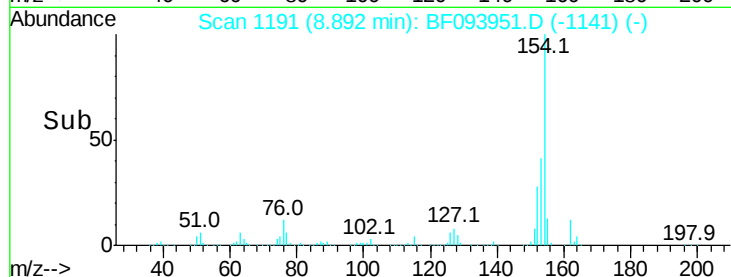
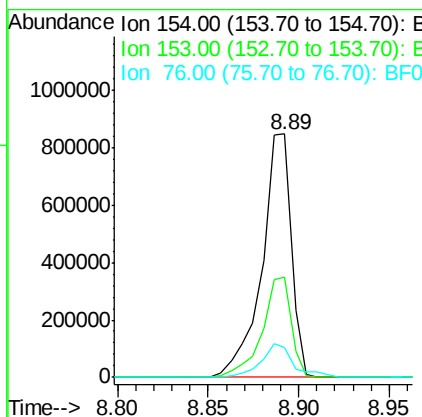
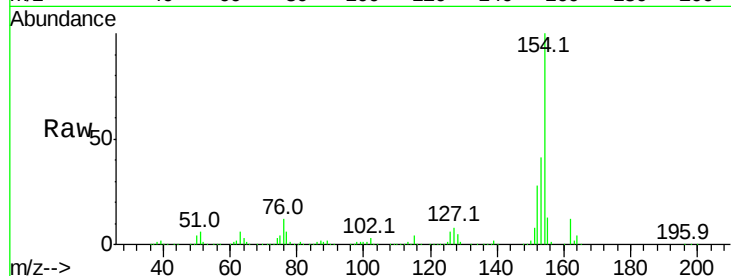
#45
 1,1'-Biphenyl
 Concen: 40.26 ng
 RT: 8.89 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	21.2	61.2	
76	12.3	0.0	29.9	

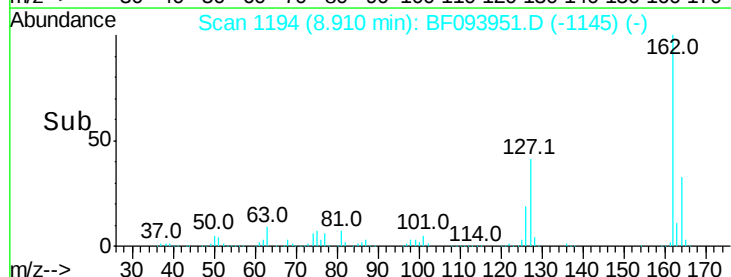
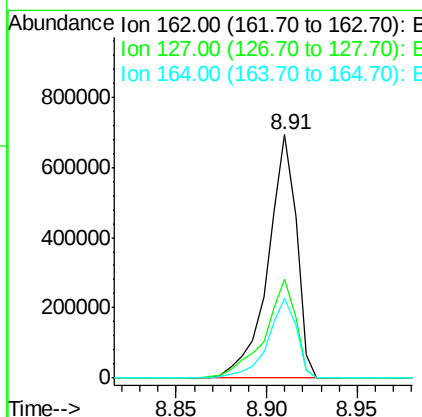
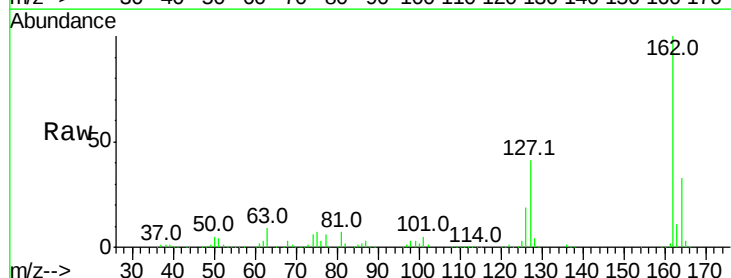
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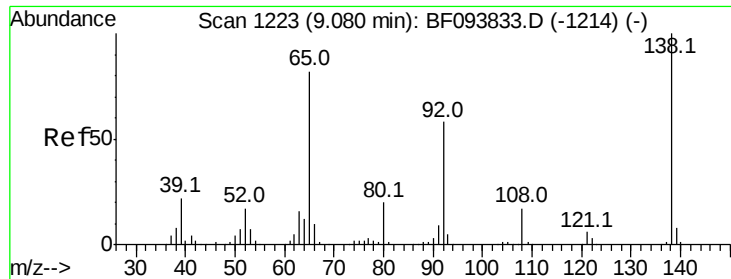
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#46
 2-Chloronaphthalene
 Concen: 40.33 ng
 RT: 8.91 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.5	28.3	42.5	
164	32.8	27.0	40.4	





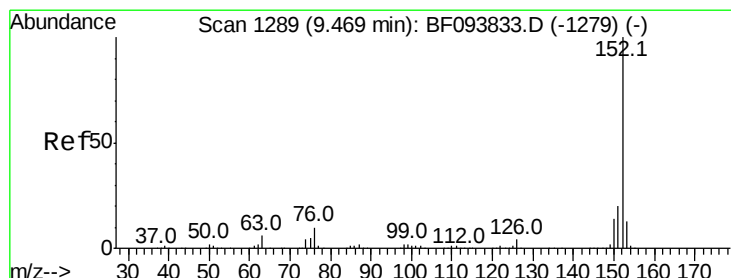
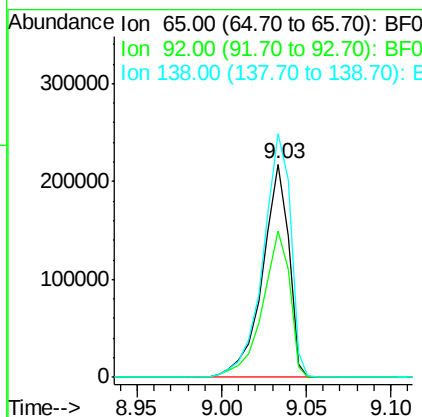
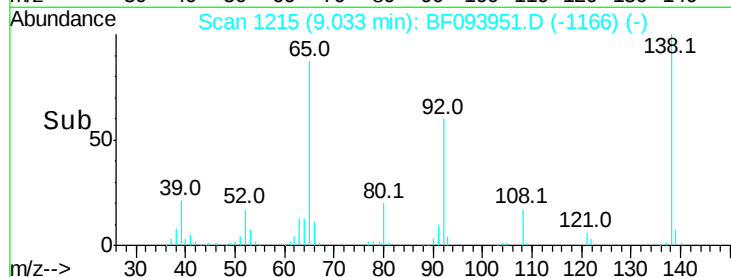
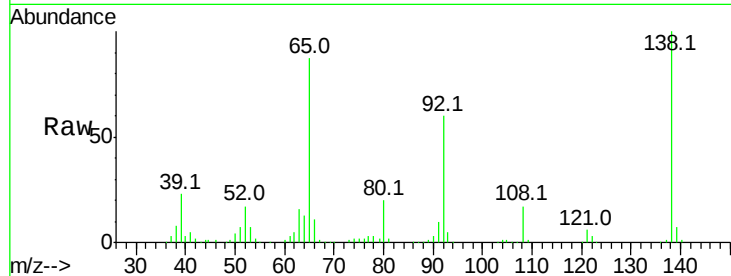
#47
2-Nitroaniline
Concen: 42.46 ng
RT: 9.03 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.8	53.9	80.9
138	114.3	78.8	118.2

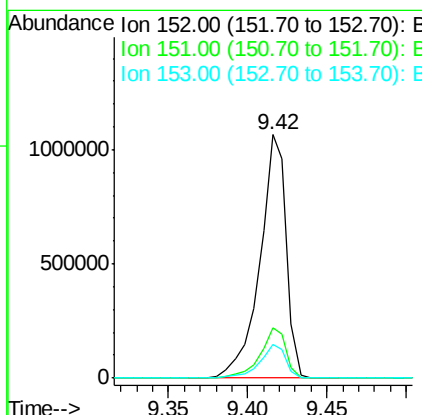
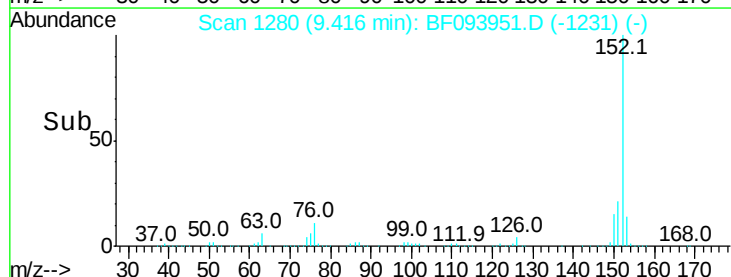
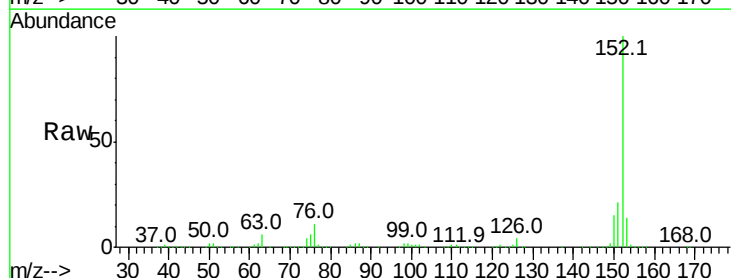
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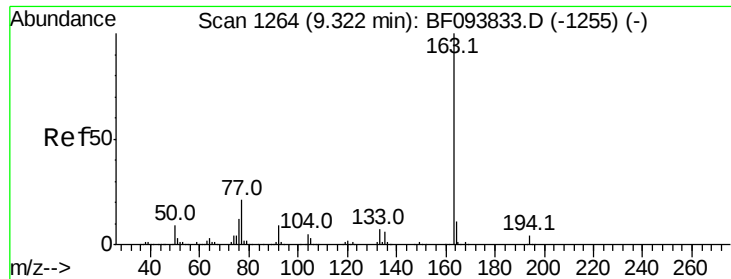
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#48
Acenaphthylene
Concen: 39.76 ng
RT: 9.42 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.6	10.8	16.2





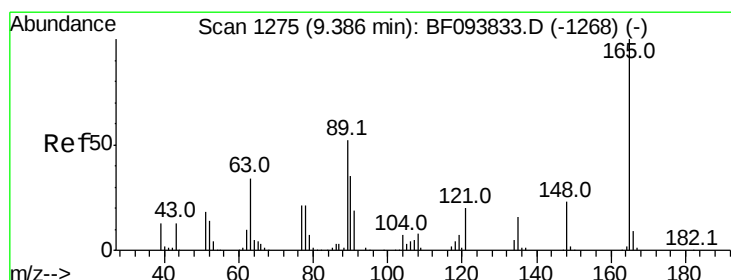
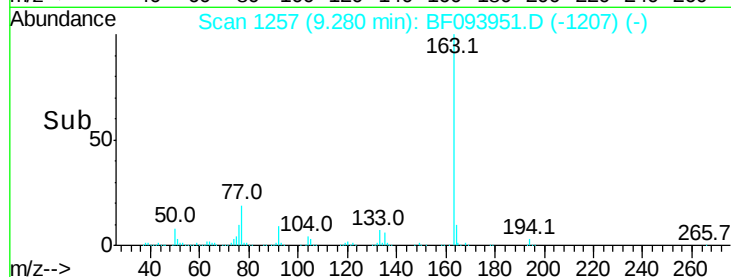
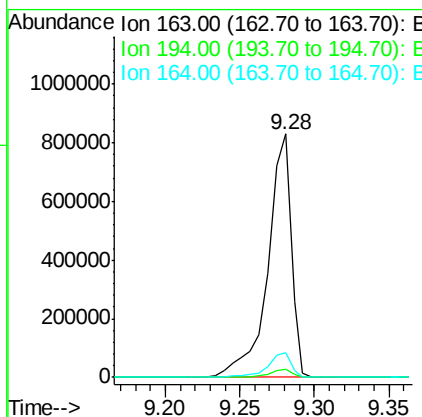
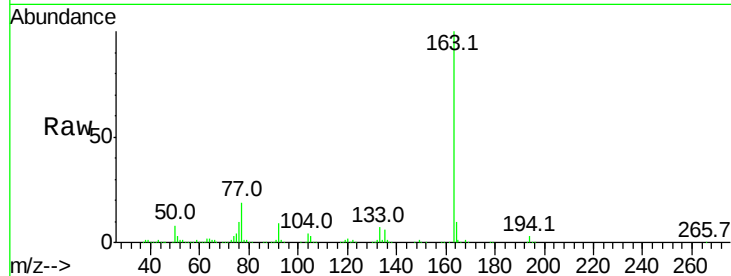
#49
 Dimethylphthalate
 Concen: 42.92 ng
 RT: 9.28 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.1	8.4	12.6	

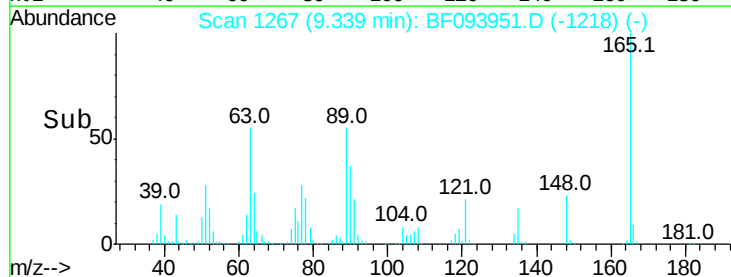
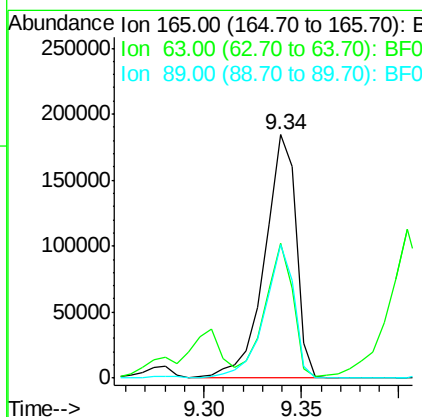
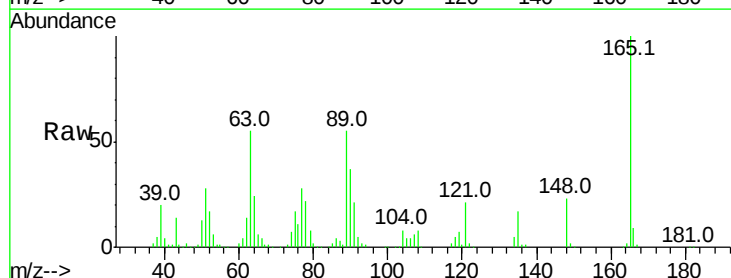
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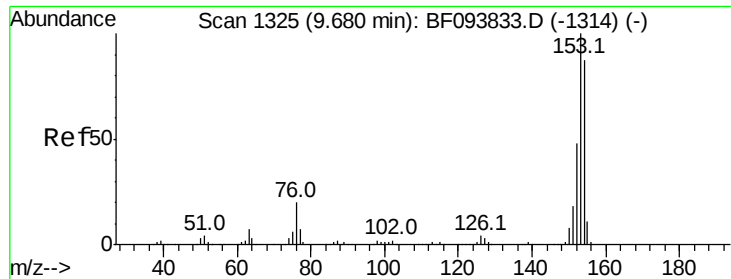
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#50
 2,6-Dinitrotoluene
 Concen: 42.68 ng
 RT: 9.34 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.2	34.3	51.5#	
89	55.1	37.1	55.7	





#51

Acenaphthene

Concen: 40.03 ng

RT: 9.63 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

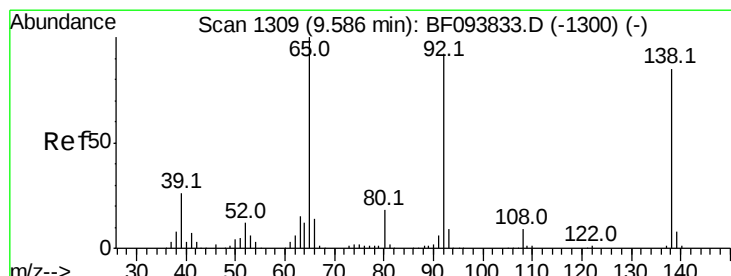
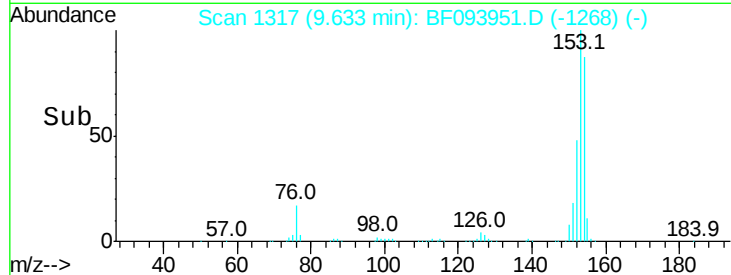
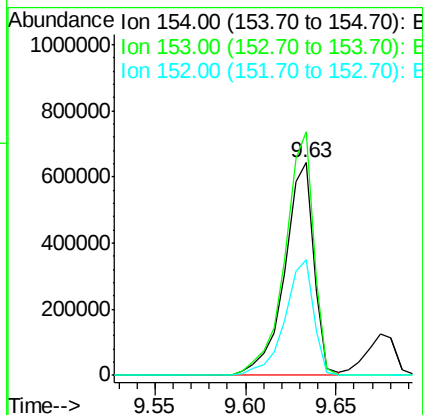
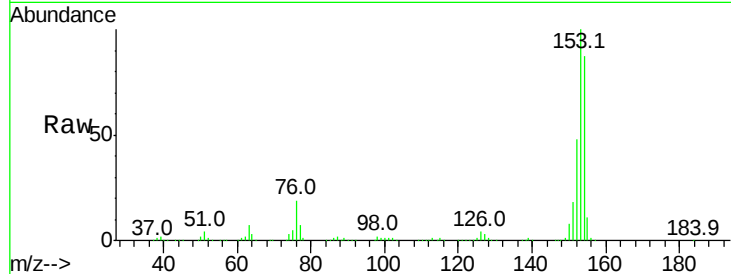
ClientSampleId :

PB97837BS

Tot Ion:	154	Resp:	727063
Ion Ratio	Lower	Upper	
154	100		
153	114.7	90.5	135.7
152	54.5	43.6	65.4

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#52

3-Nitroaniline

Concen: 17.73 ng

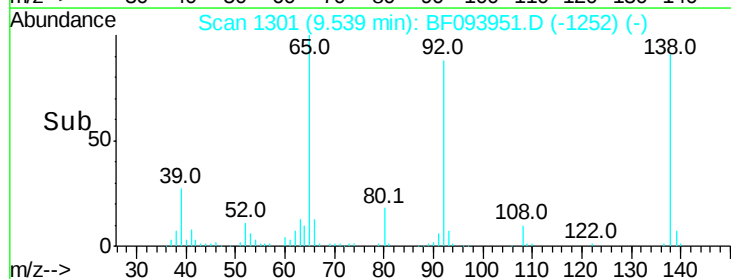
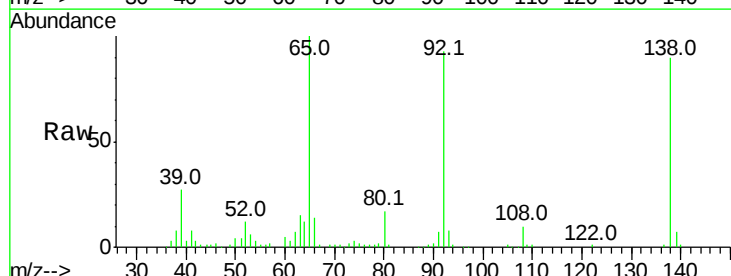
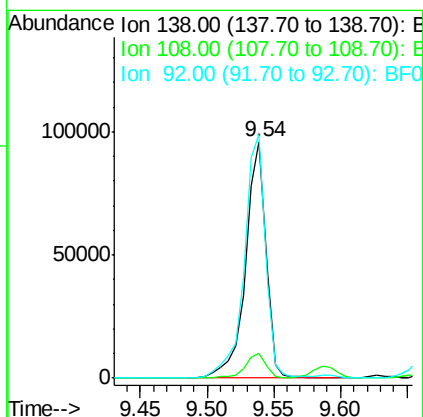
RT: 9.54 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion:	138	Resp:	100626
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.1	13.7
92	103.1	93.8	140.6





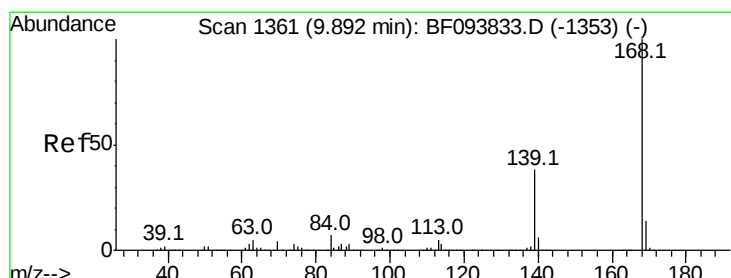
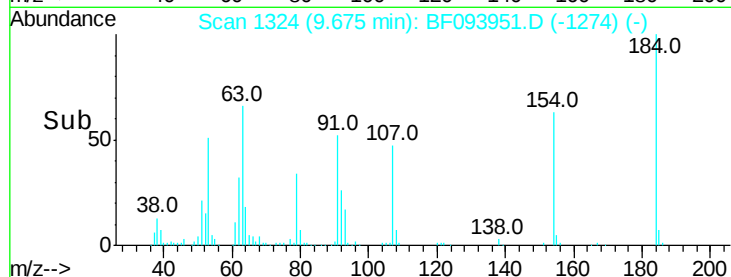
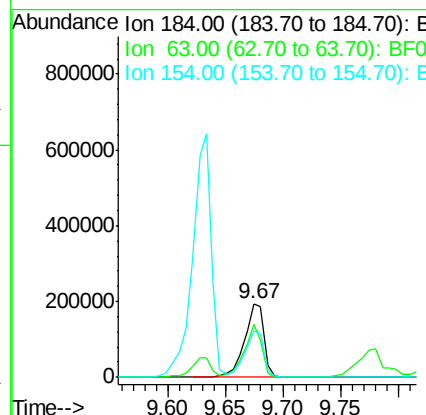
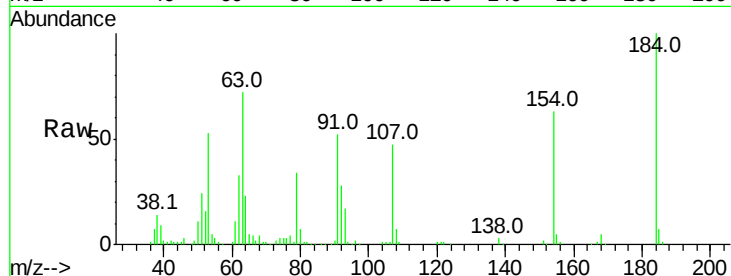
#53
 2,4-Dinitrophenol
 Concen: 87.91 ng
 RT: 9.67 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.1	62.7	94.1
154	63.3	81.1	121.7

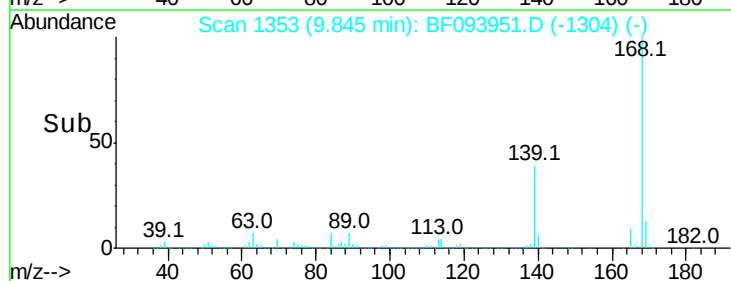
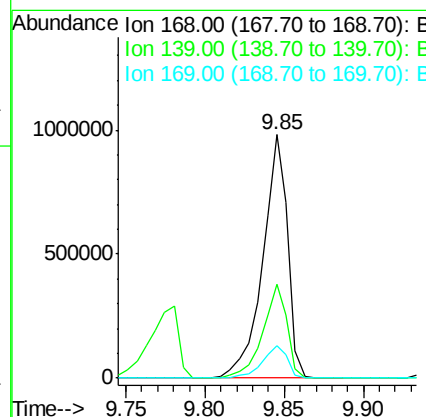
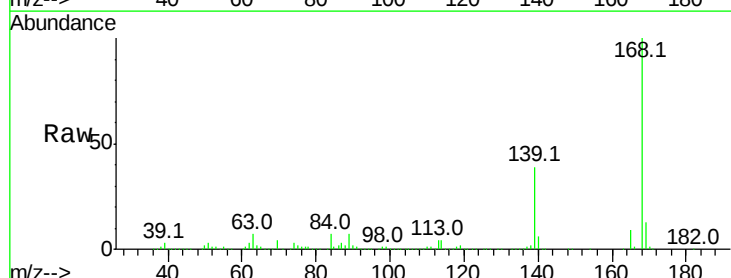
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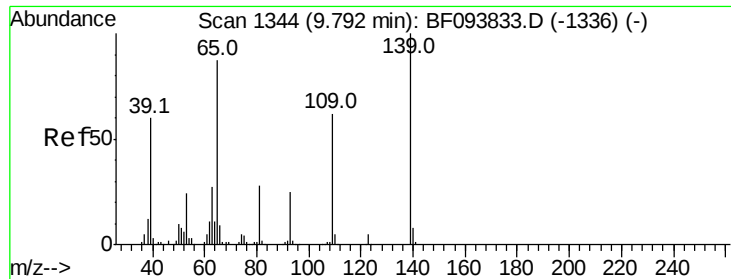
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#54
 Dibenzofuran
 Concen: 43.27 ng
 RT: 9.85 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.6	45.8
169	13.5	10.8	16.2





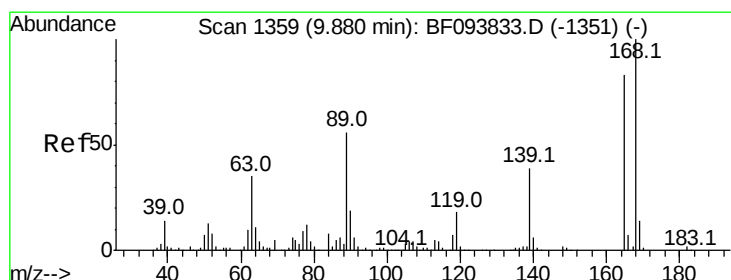
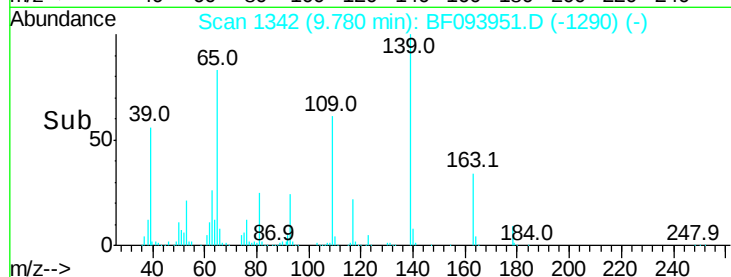
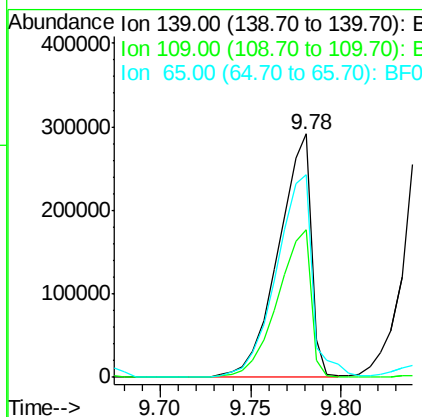
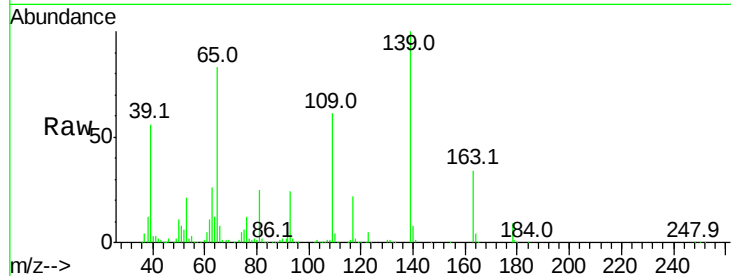
#55
4-Nitrophenol
Concen: 83.30 ng
RT: 9.78 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.7	34.1	74.1	
65	83.3	31.4	71.4	

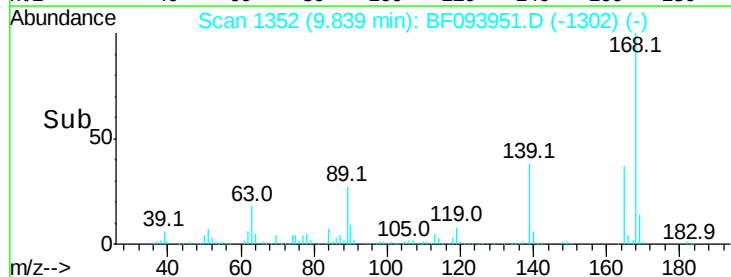
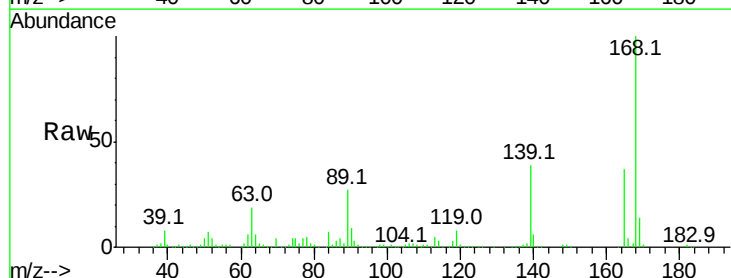
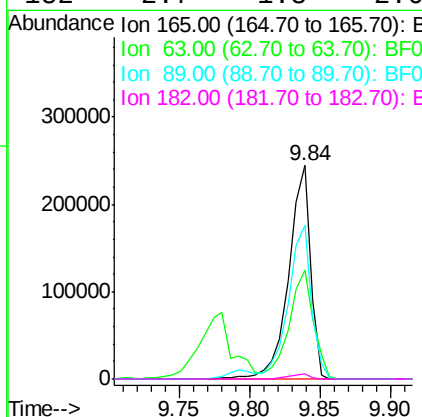
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#56
2,4-Dinitrotoluene
Concen: 43.36 ng
RT: 9.84 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.8	25.4	38.0	
89	72.0	46.4	69.6	
182	2.7	1.8	2.6	





#57

Fluorene

Concen: 39.49 ng

RT: 10.26 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

Tot Ion:166 Resp: 809778

Ion Ratio Lower Upper

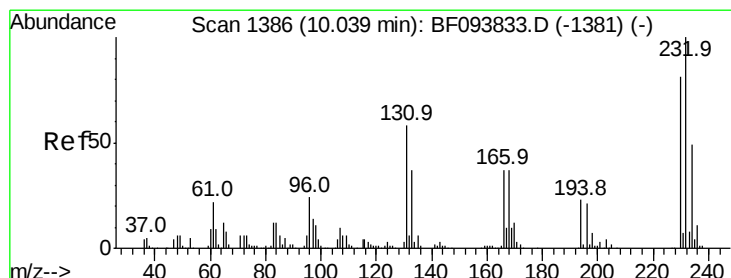
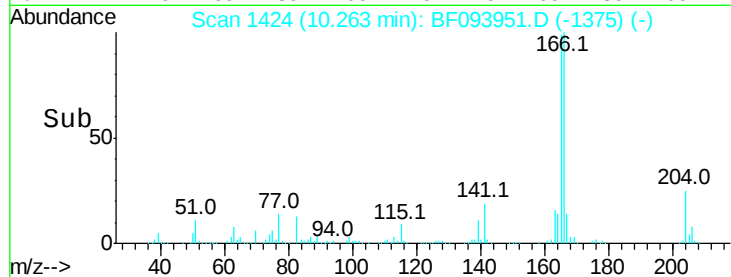
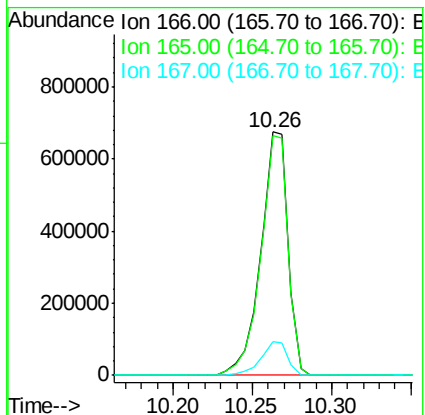
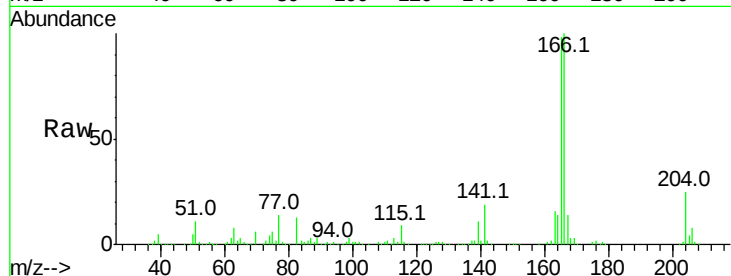
166 100

165 98.2 78.8 118.2

167 13.8 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.89 ng

RT: 10.00 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion:232 Resp: 199860

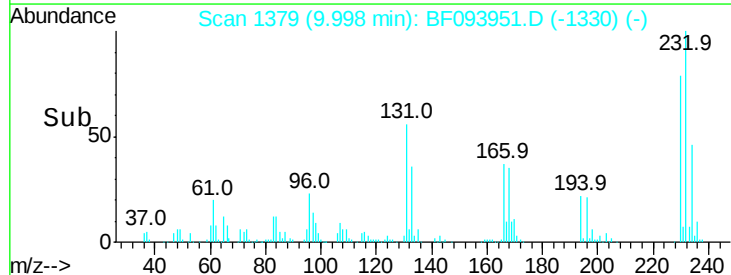
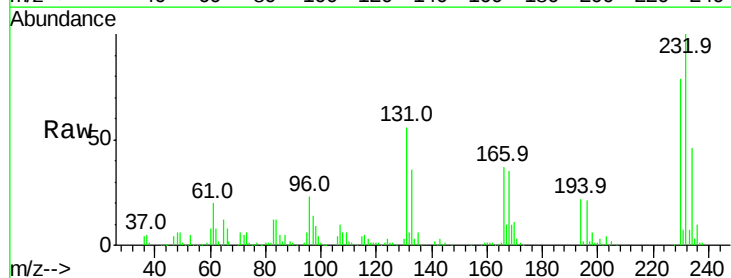
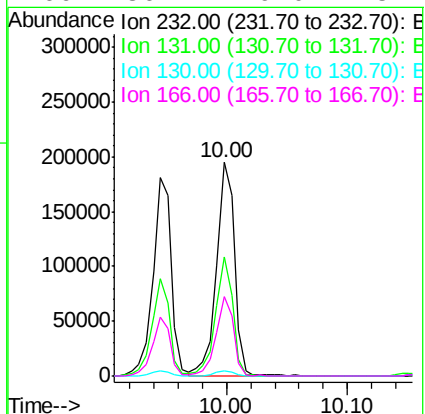
Ion Ratio Lower Upper

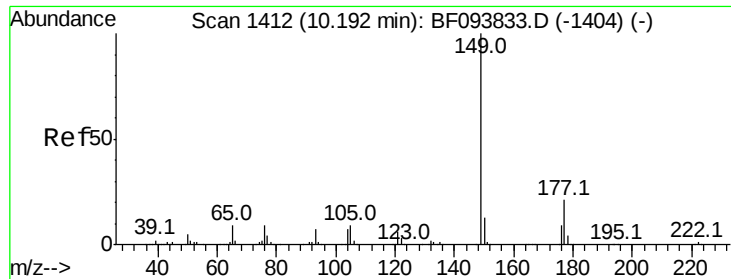
232 100

131 53.1 44.8 67.2

130 2.6 2.3 3.5

166 36.2 29.0 43.4





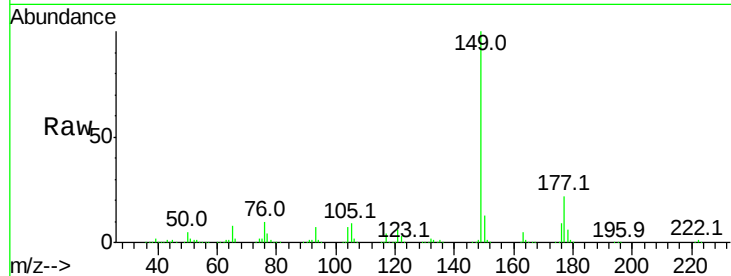
#59
Diethylphthalate
Concen: 42.49 ng
RT: 10.15 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

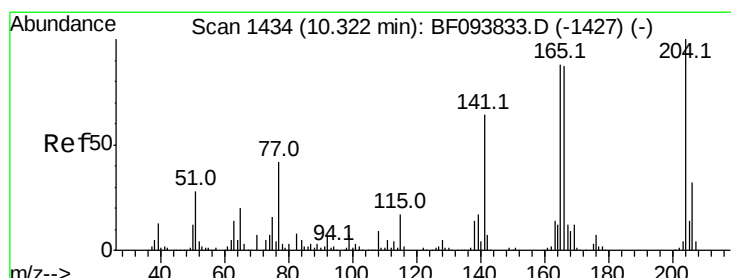
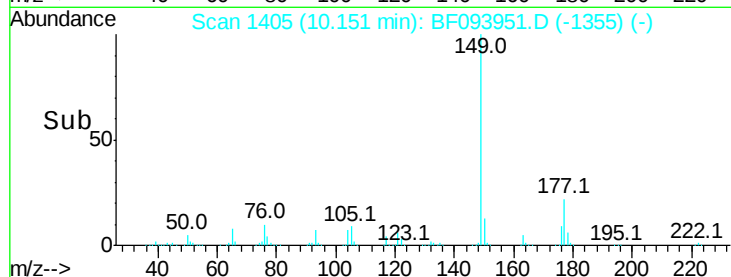
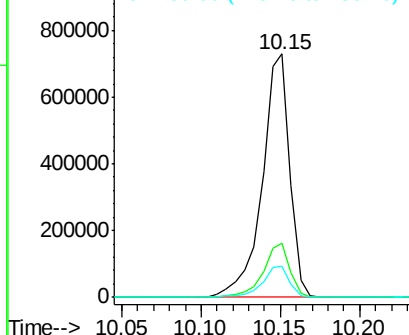
Tot Ion	Ratio	Resp	Lower	Upper
149	100	885545		
177	22.1	16.7	25.1	
150	12.6	10.2	15.2	

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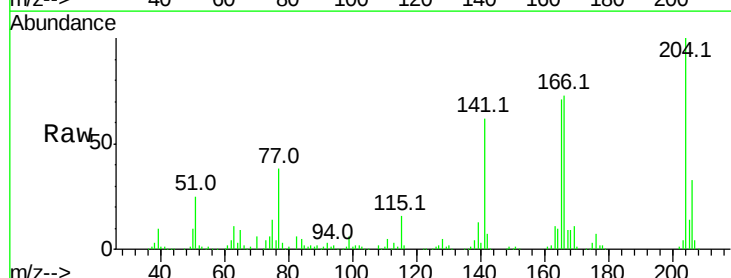


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

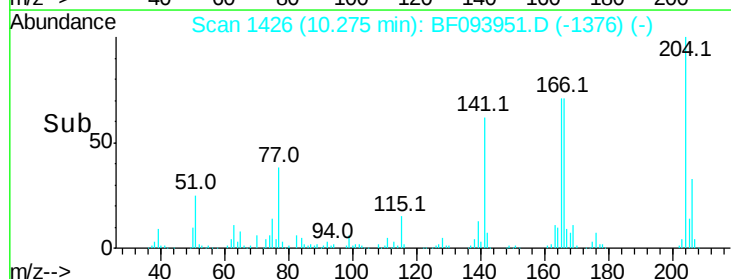
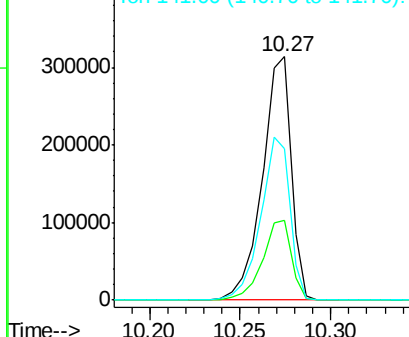


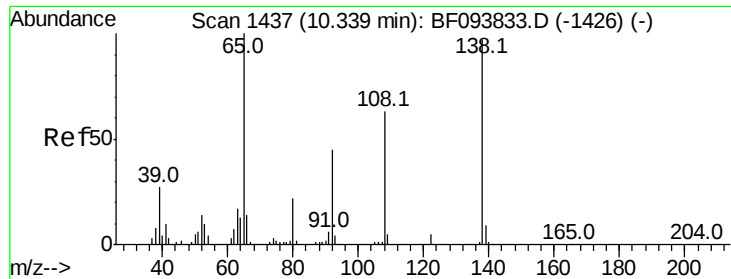
#60
4-Chlorophenyl-phenylether
Concen: 39.77 ng
RT: 10.27 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	347349		
206	32.9	26.2	39.2	
141	62.2	60.8	91.2	



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





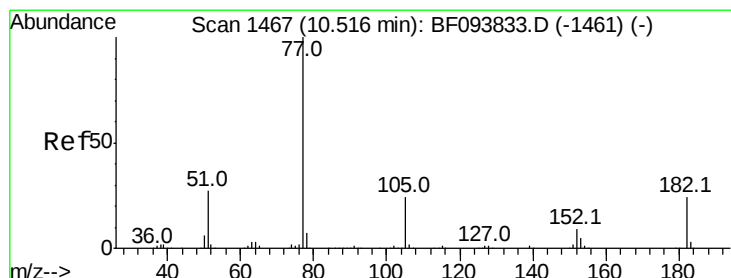
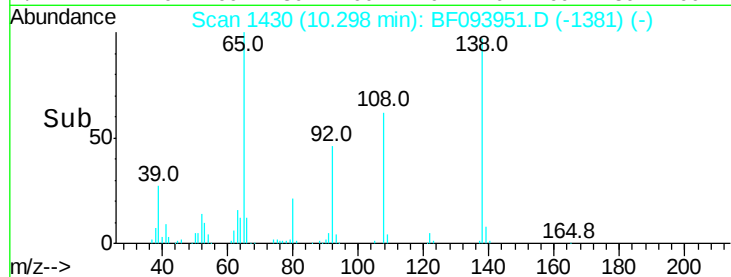
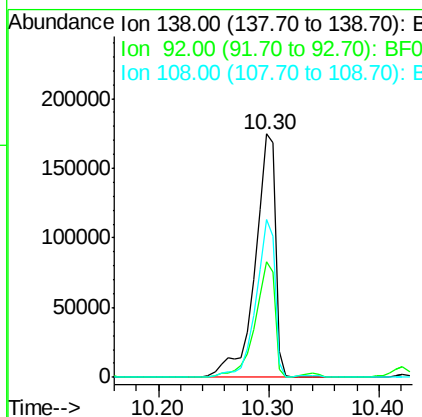
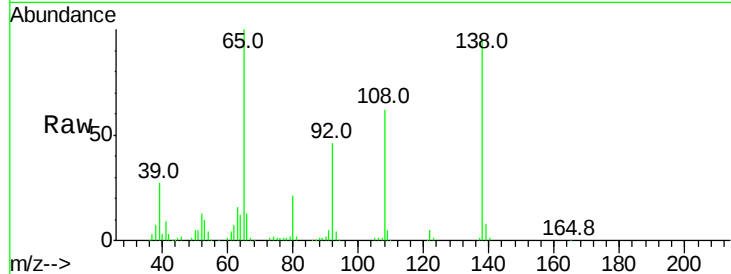
#61
4-Nitroaniline
Concen: 41.75 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampled :
PB97837BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.6	21.8	61.8
108	64.7	42.3	82.3

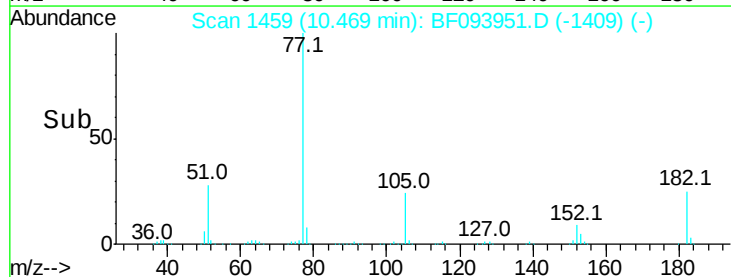
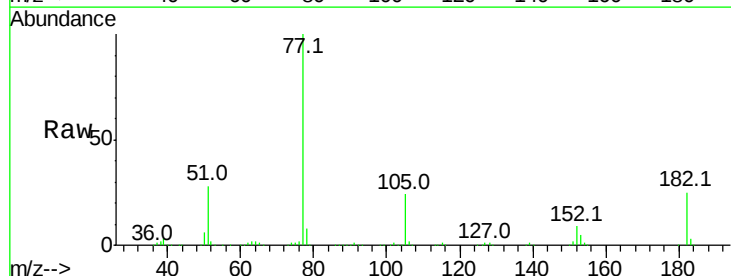
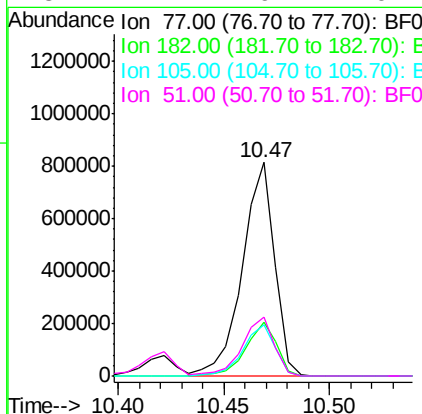
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#62
Azobenzene
Concen: 43.66 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	0.1	40.1
105	24.2	3.6	43.6
51	27.7	9.4	49.4





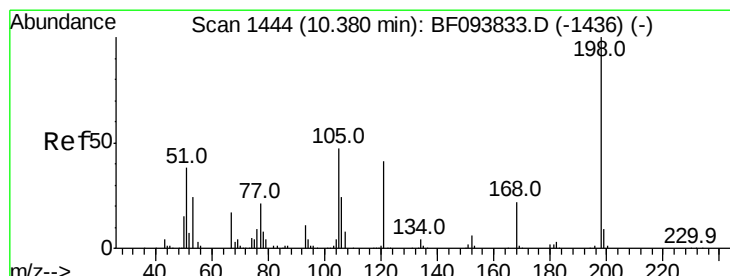
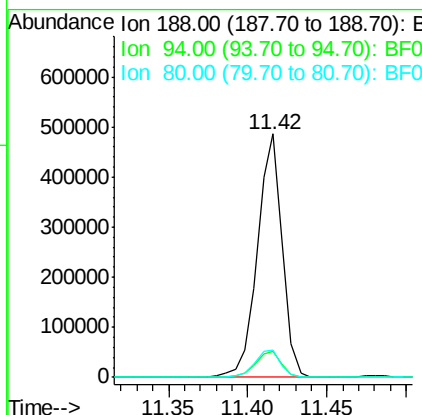
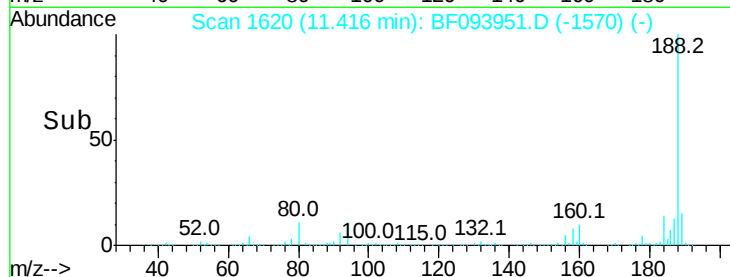
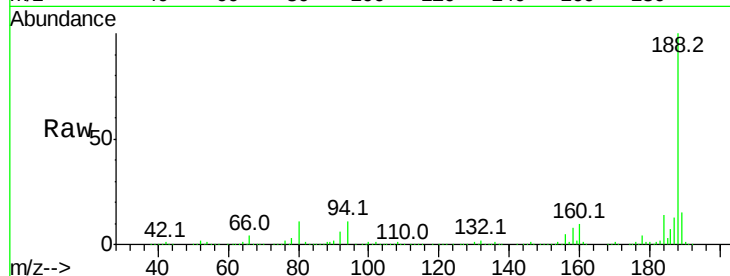
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.8		9.4	14.2
80	11.3		10.2	15.2

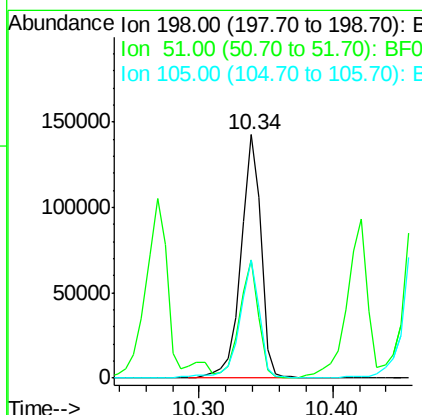
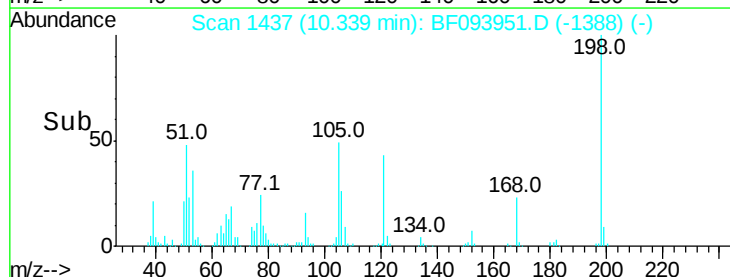
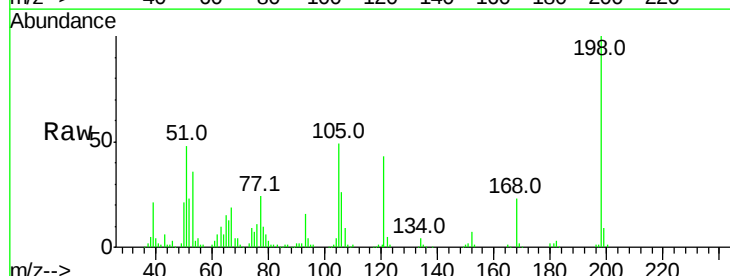
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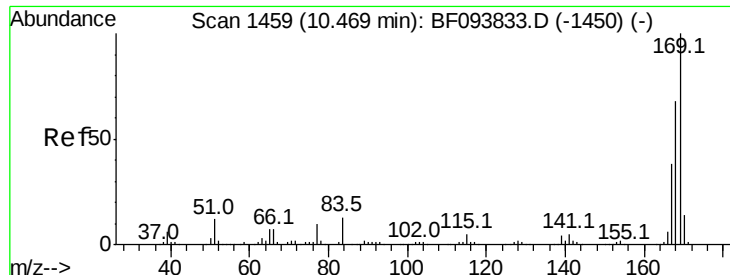
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.82 ng
 RT: 10.34 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	48.3		53.2	93.2#
105	48.7		45.8	85.8





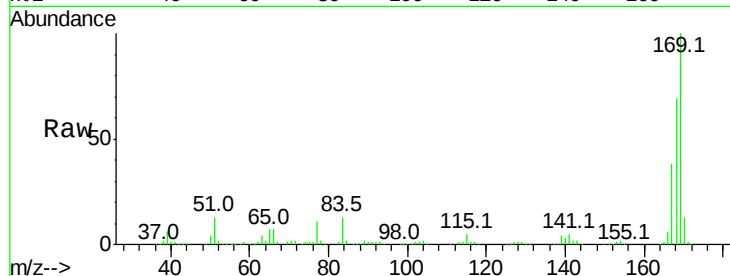
#65
n-Nitrosodiphenylamine
Concen: 41.15 ng
RT: 10.42 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

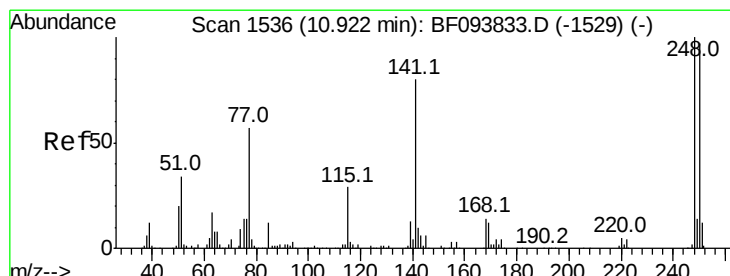
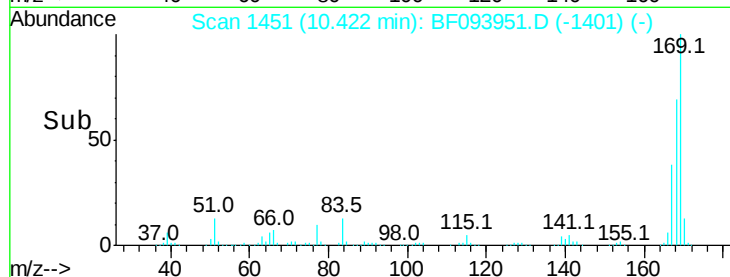
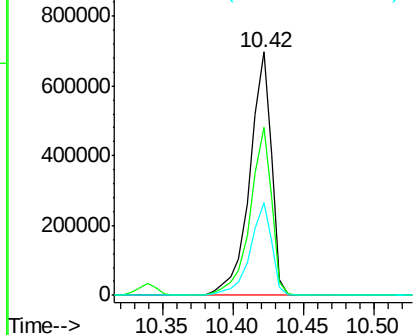
Tot Ion	Ratio	Resp	Lower	Upper
169	100	753556		
168	68.8		53.2	79.8
167	38.2		29.5	44.3

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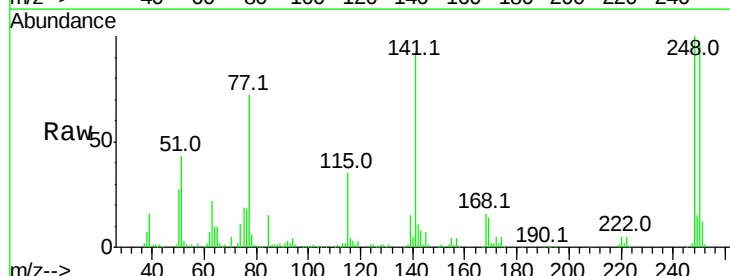


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

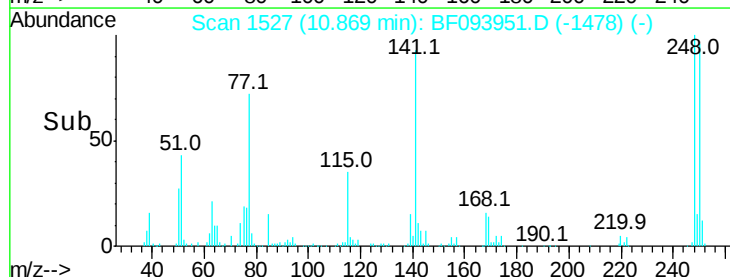
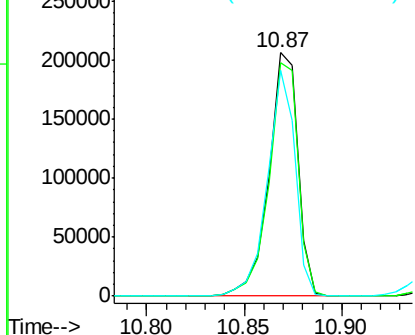


#66
4-Bromophenyl-phenylether
Concen: 41.09 ng
RT: 10.87 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	213974		
250	96.1		76.8	115.2
141	93.0		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: 42.59 ng

RT: 10.95 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

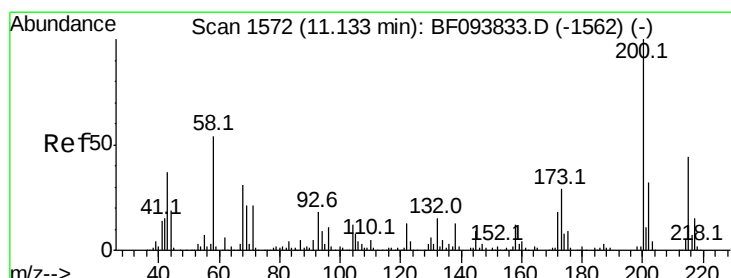
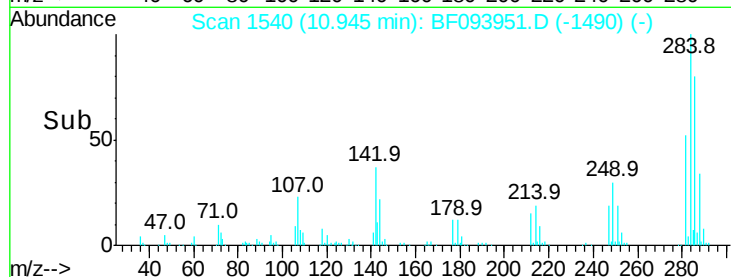
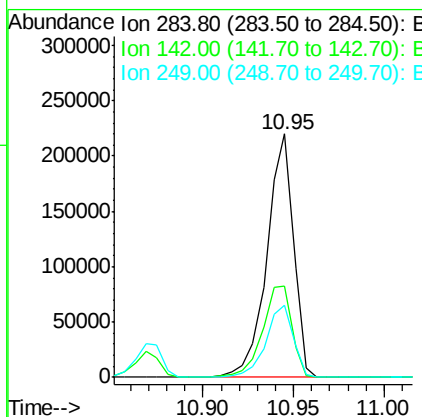
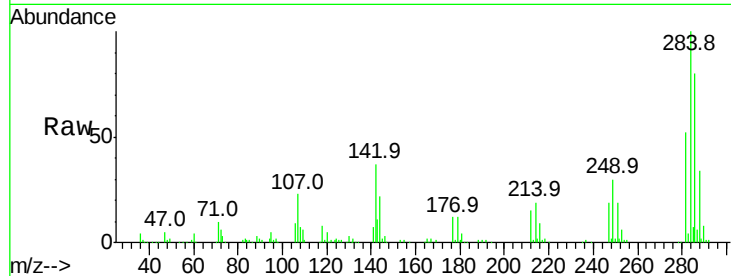
ClientSampleId :

PB97837BS

Tot Ion:	284	Resp:	224537
Ion Ratio		Lower	Upper
284	100		
142	37.3	22.8	34.2#
249	29.7	24.0	36.0

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#68

Atrazine

Concen: 41.92 ng

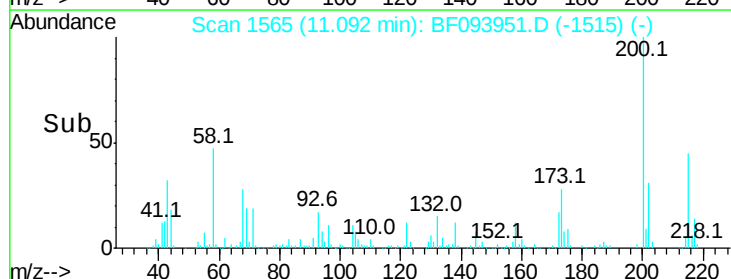
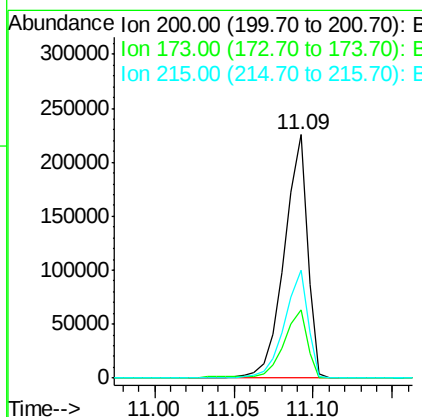
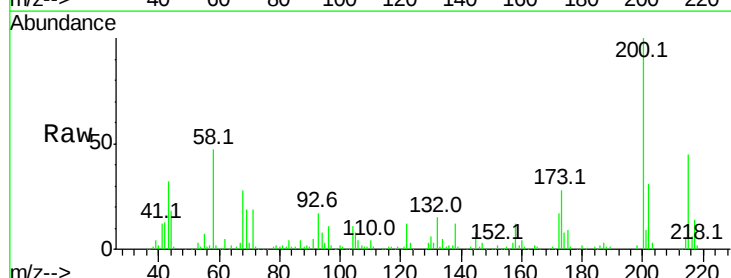
RT: 11.09 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion:	200	Resp:	229900
Ion Ratio		Lower	Upper
200	100		
173	27.9	6.3	46.3
215	44.5	27.2	67.2





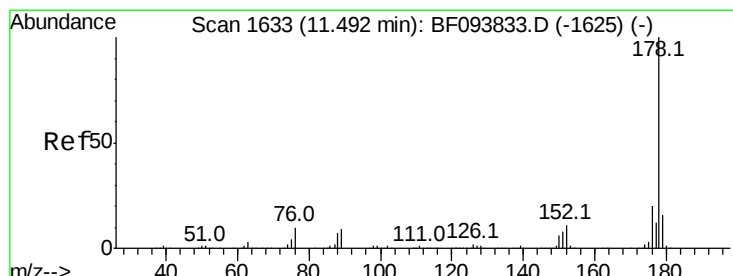
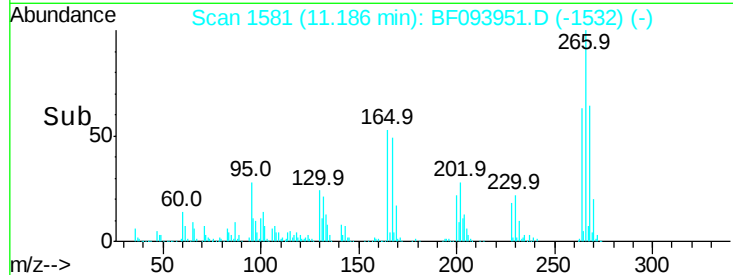
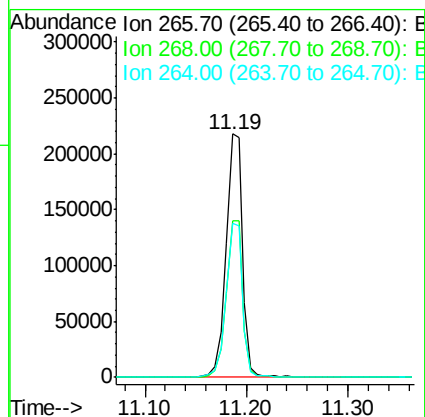
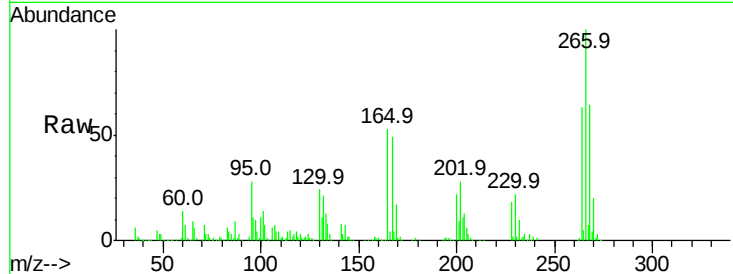
#69
 Pentachlorophenol
 Concen: 74.82 ng
 RT: 11.19 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	245503		
268	64.1	51.1	76.7	
264	63.2	51.7	77.5	

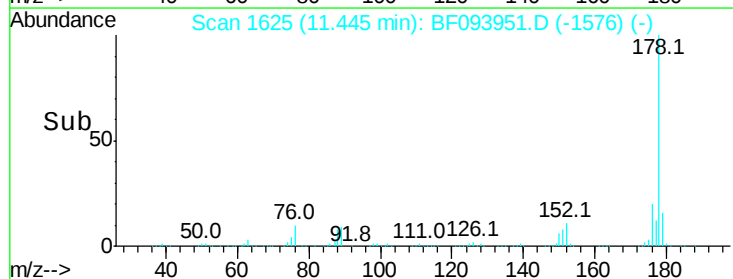
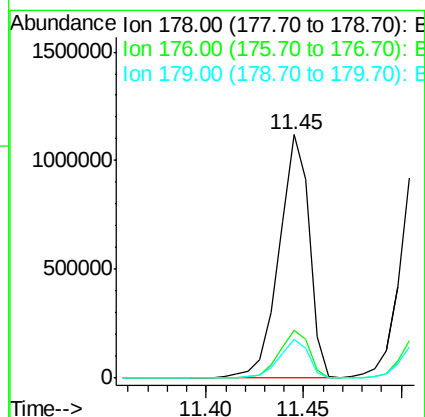
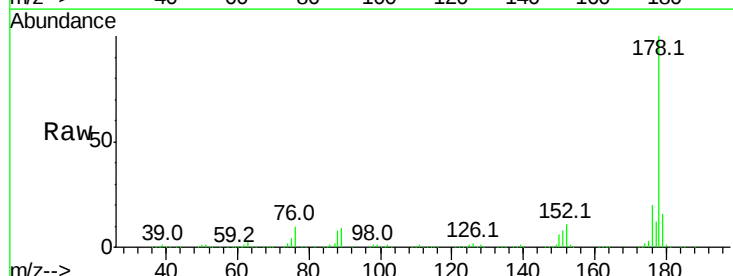
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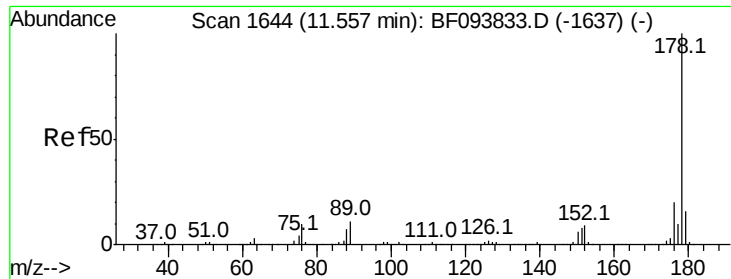
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#70
 Phenanthrene
 Concen: 40.75 ng
 RT: 11.45 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1200143		
176	19.6	16.2	24.4	
179	15.8	12.6	19.0	





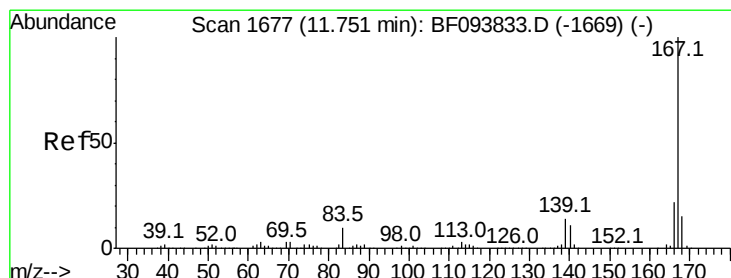
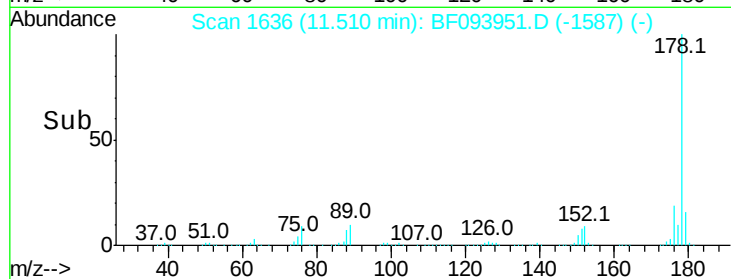
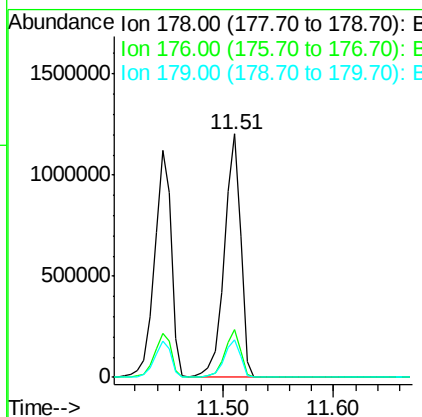
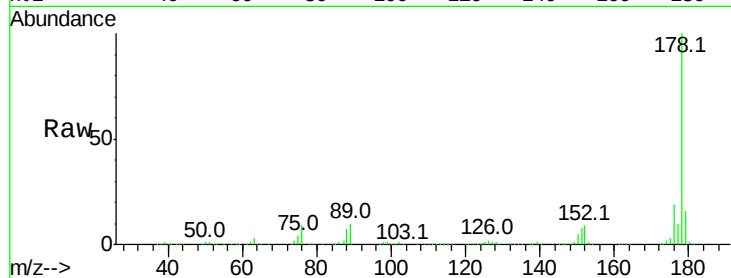
#71
 Anthracene
 Concen: 41.06 ng
 RT: 11.51 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion:178 Resp: 1245361
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.6 12.7 19.1

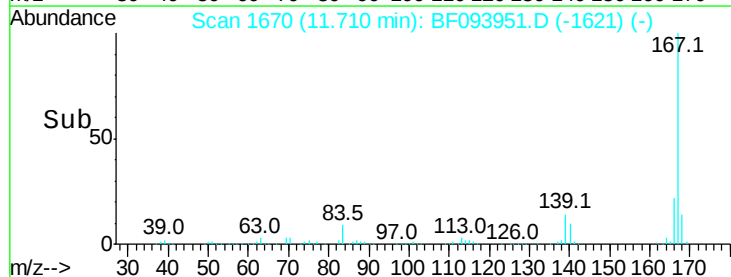
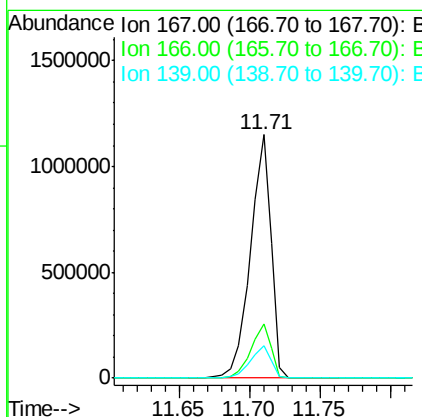
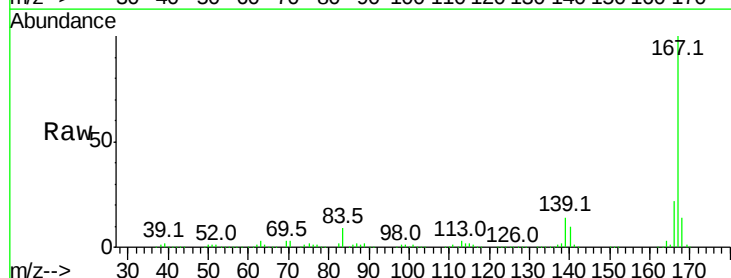
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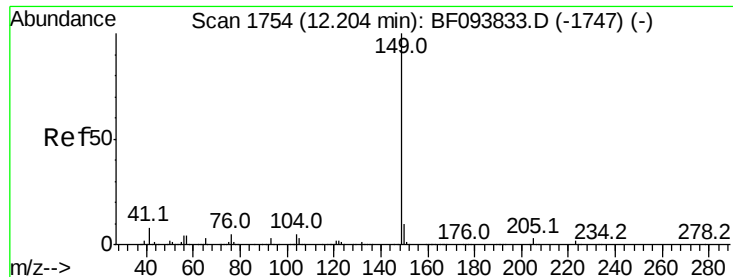
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#72
 Carbazole
 Concen: 38.00 ng
 RT: 11.71 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion:167 Resp: 1181864
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.48 ng

RT: 12.16 min Scan# 1746

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

Tot Ion:149 Resp: 1373690

Ion Ratio Lower Upper

149 100

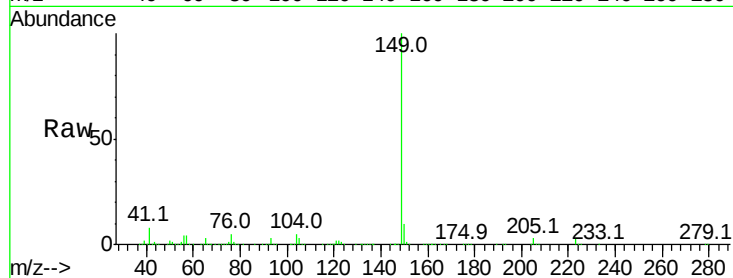
150 9.5 7.7 11.5

104 4.7 4.0 6.0

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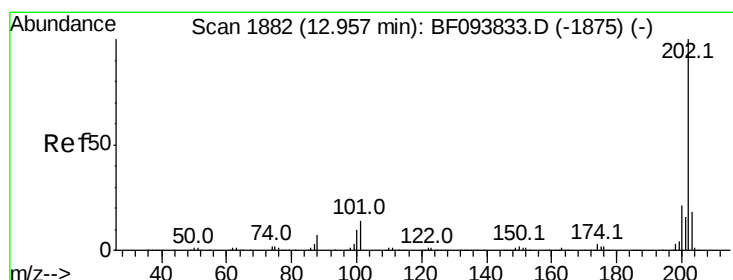
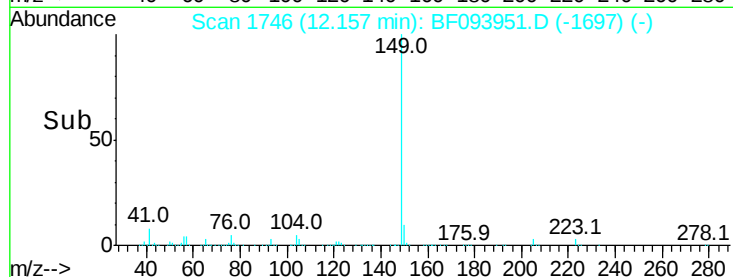
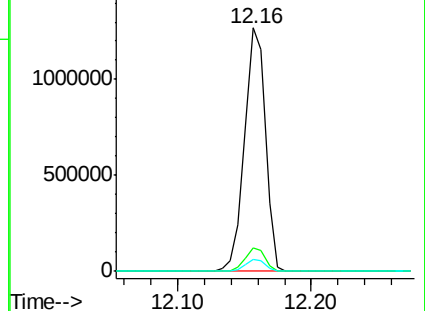
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.52 ng

RT: 12.91 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

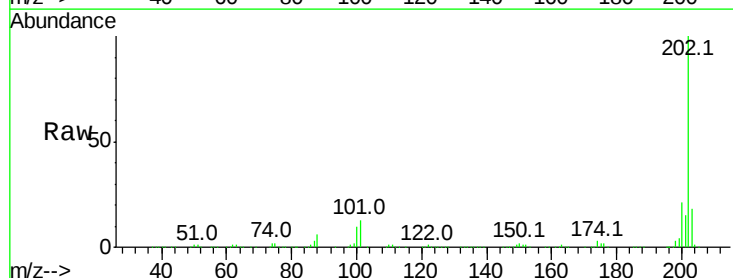
Tgt Ion:202 Resp: 1252311

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

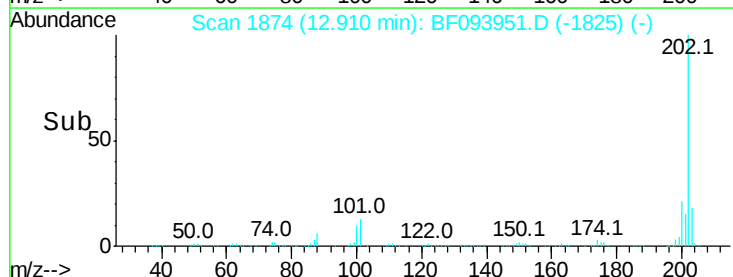
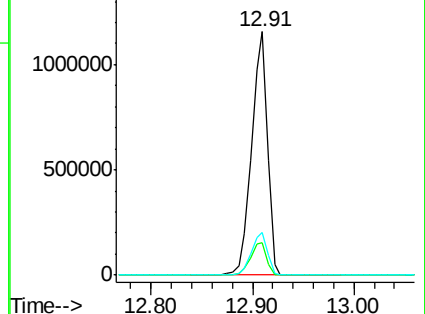
203 17.5 0.0 38.1

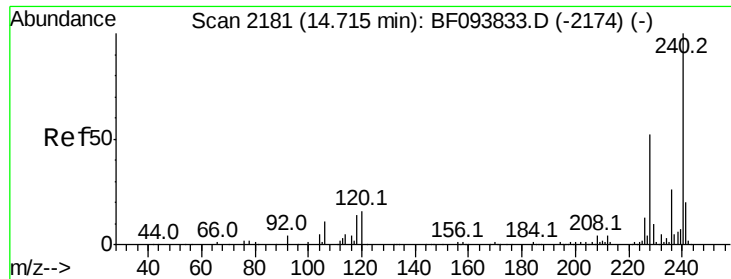


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





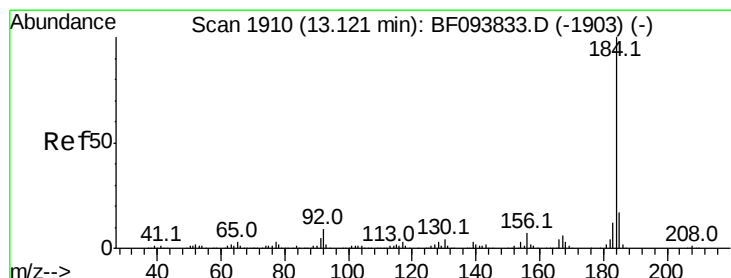
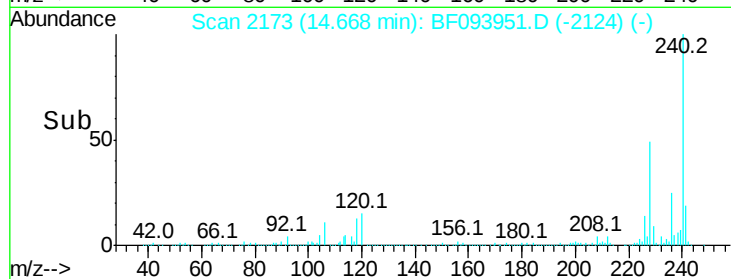
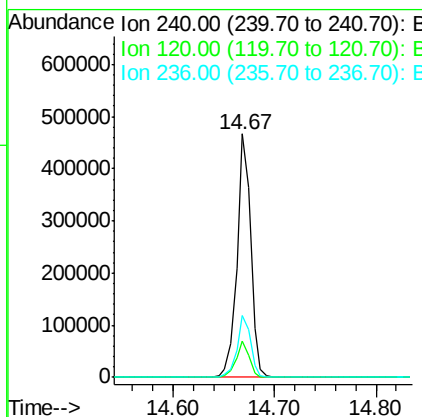
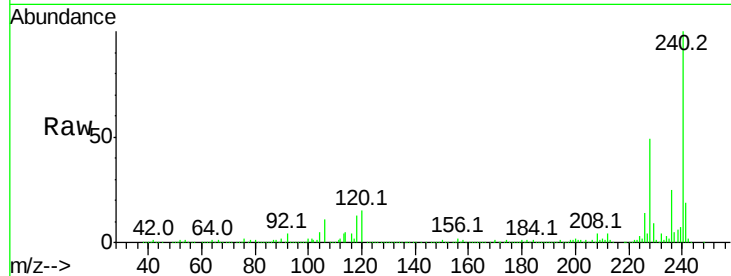
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.67 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.2	20.5	30.7

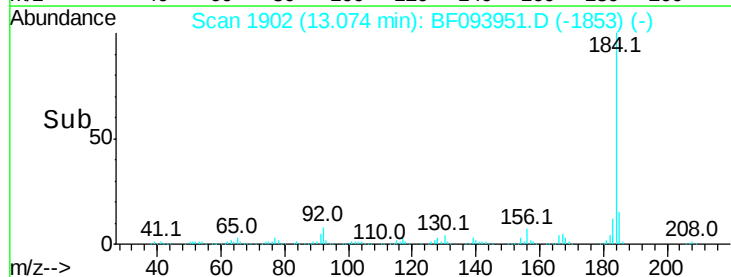
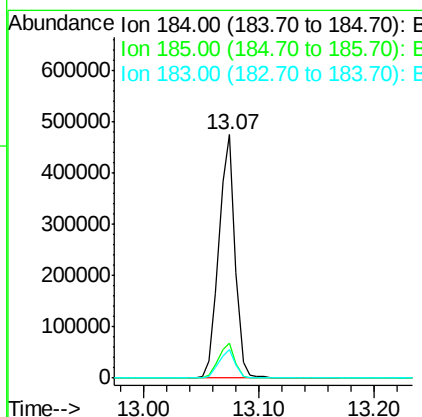
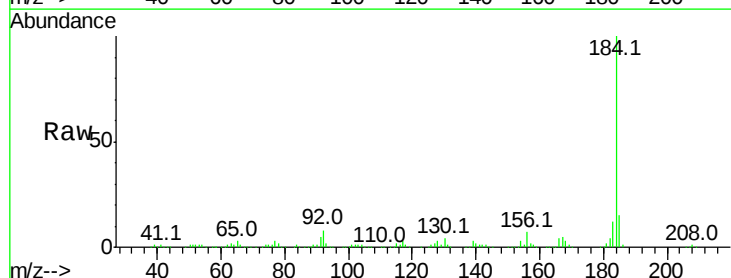
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#76
 Benzidine
 Concen: 26.74 ng
 RT: 13.07 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

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





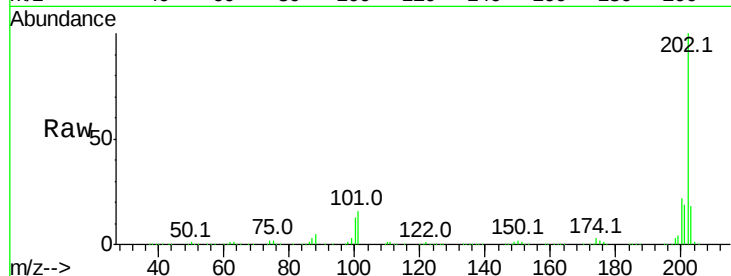
#77
Pvrene
Concen: 39.41 ng
RT: 13.19 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.0	14.4	21.6

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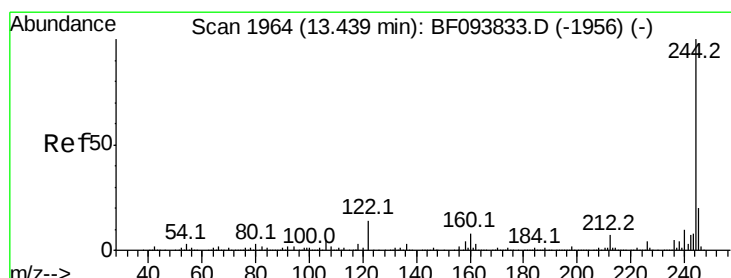
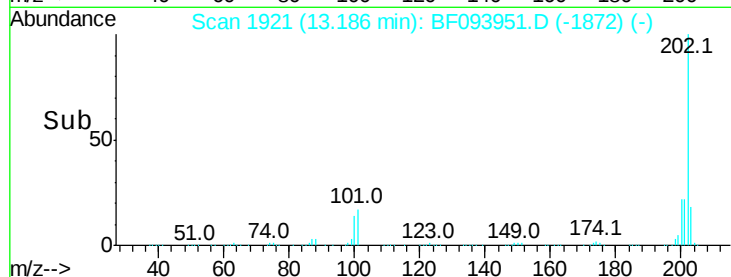
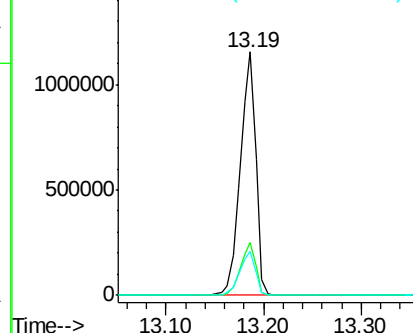


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 70.45 ng
RT: 13.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

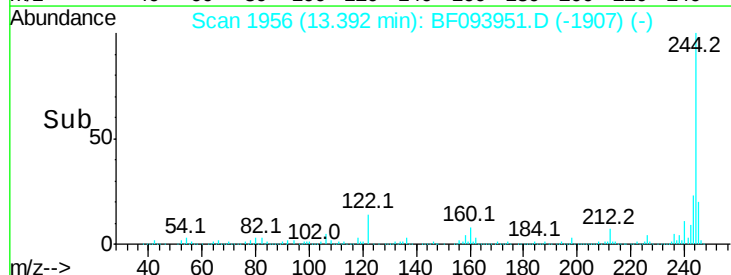
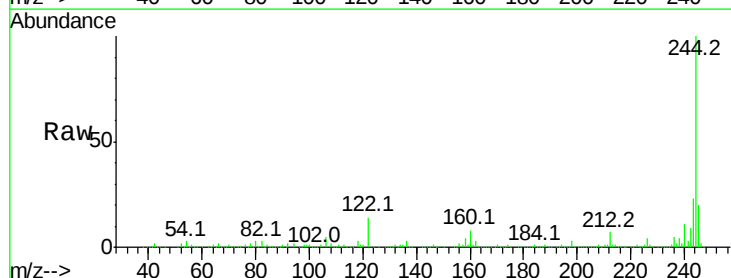
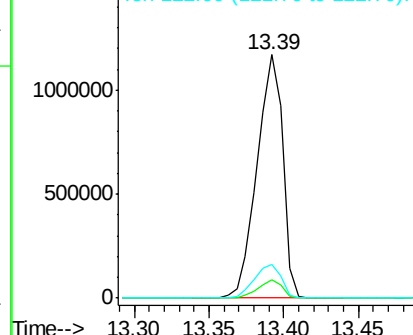
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.6	10.3	15.5

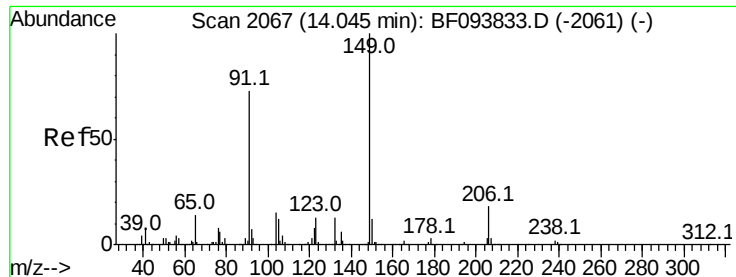
Abundance

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: 43.93 ng

RT: 14.00 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

ClientSampleId :

PB97837BS

Tot Ion:149 Resp: 597738

Ion Ratio Lower Upper

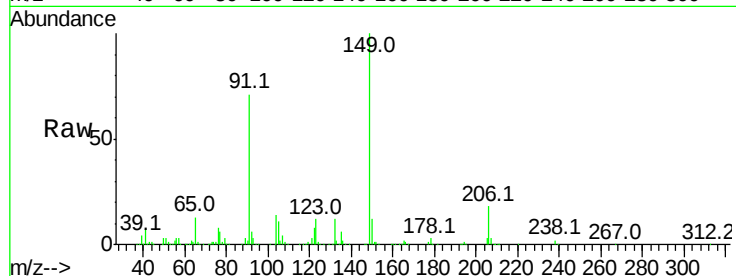
149 100

91 71.3 45.0 67.4#

206 17.7 17.0 25.6

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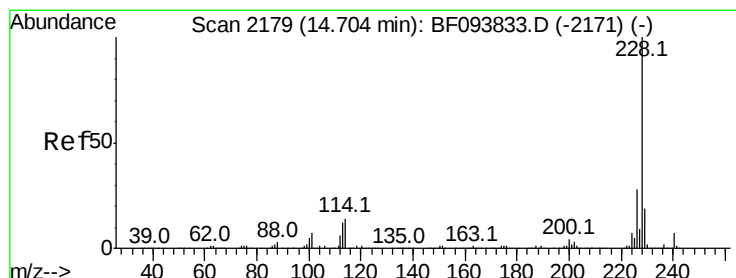
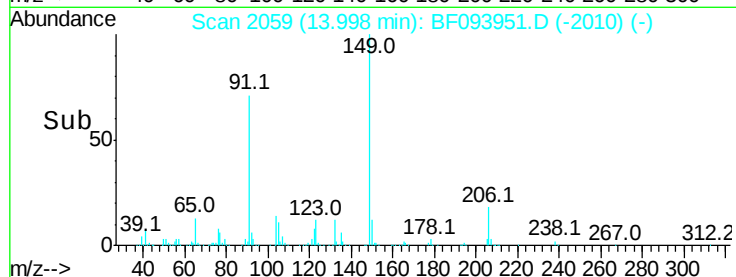
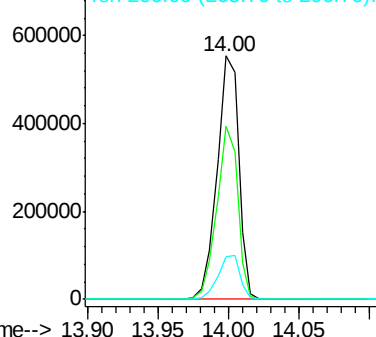
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.45 ng

RT: 14.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

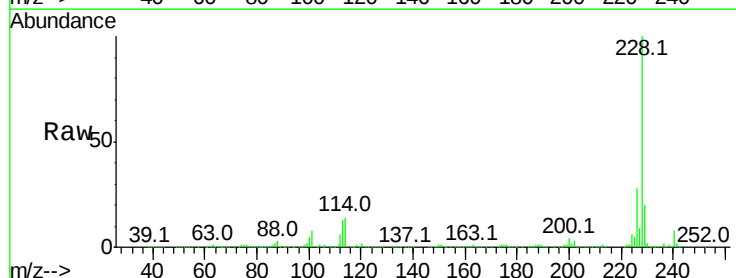
Tgt Ion:228 Resp: 1063728

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

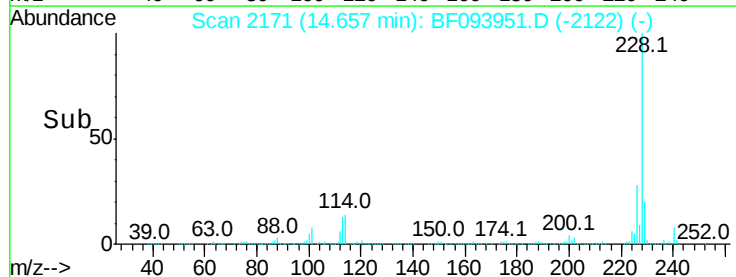
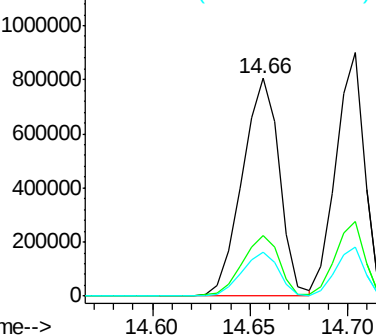
229 20.1 16.3 24.5

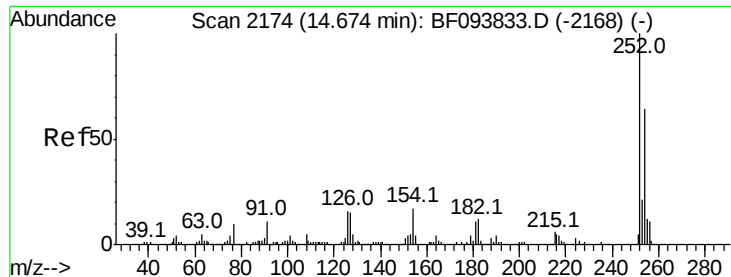


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





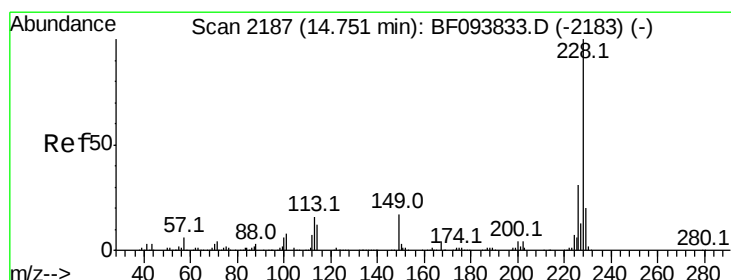
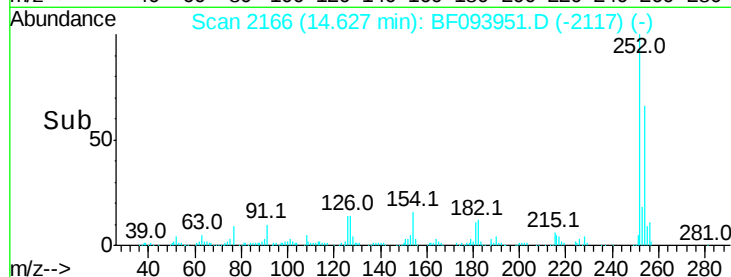
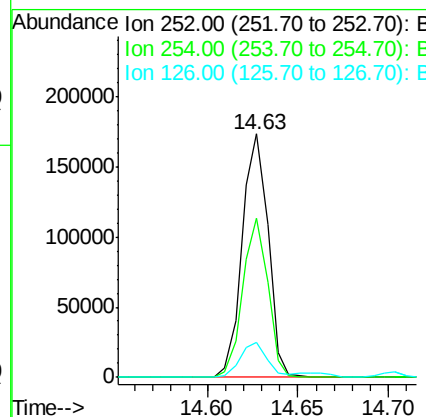
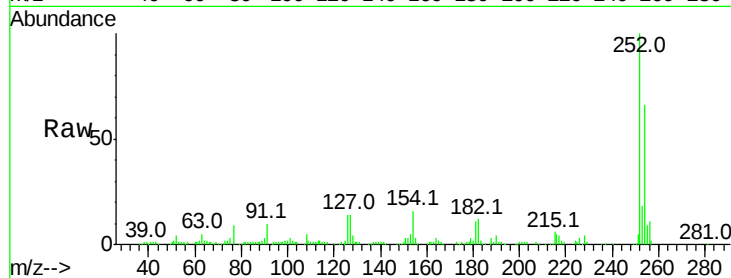
#81
 3,3'-Dichlorobenzidine
 Concen: 18.85 ng
 RT: 14.63 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	172937		
254	65.5	51.5	77.3	
126	14.3	15.8	23.8	

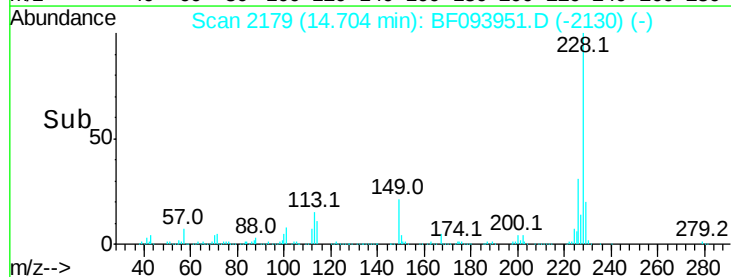
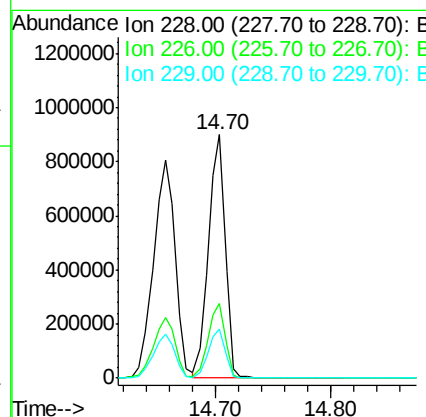
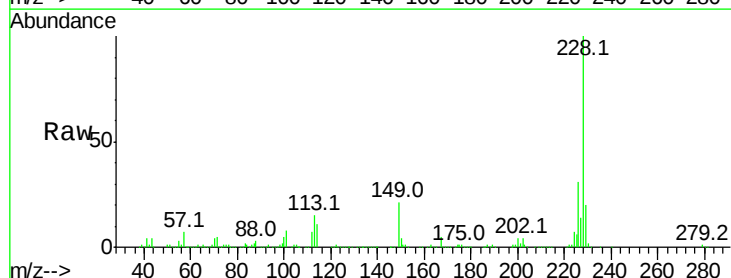
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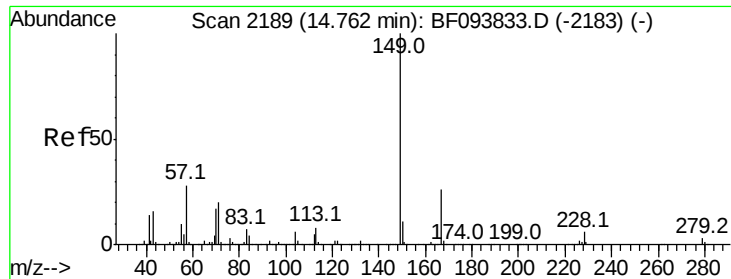
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#82
 Chrysene
 Concen: 38.42 ng
 RT: 14.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	914969		
226	30.7	24.9	37.3	
229	20.2	15.8	23.6	





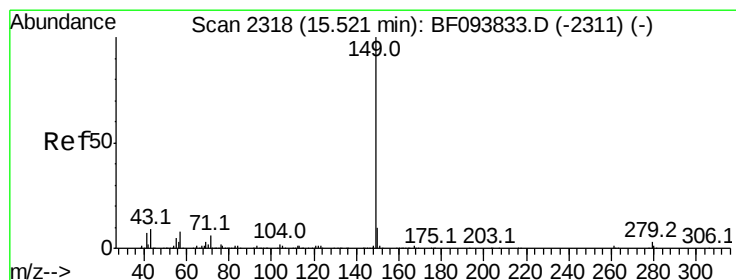
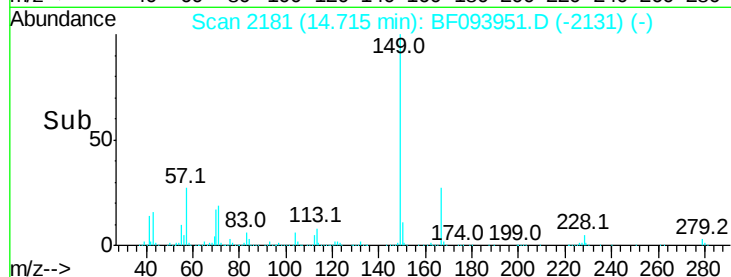
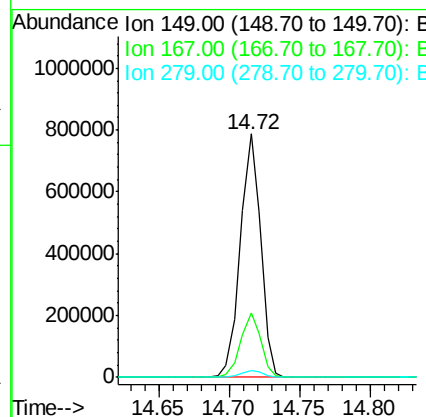
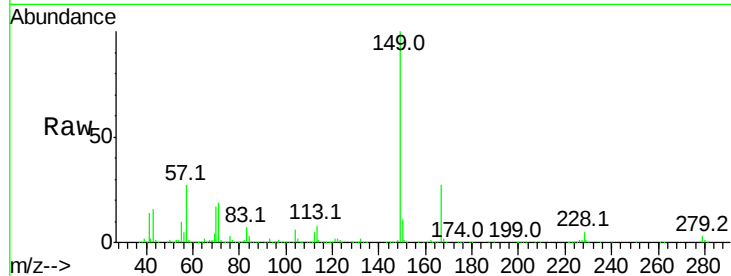
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.79 ng
 RT: 14.72 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	794481		
167	26.7		21.0	31.4
279	3.0		1.9	2.9#

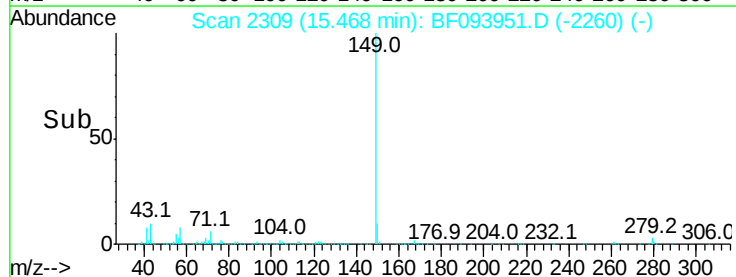
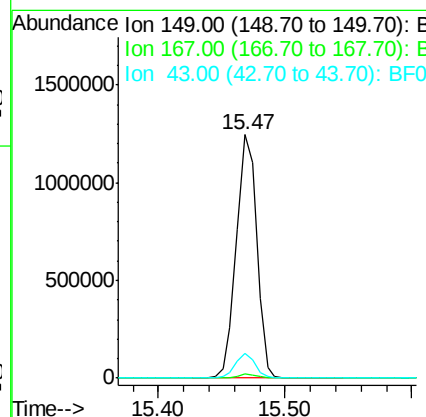
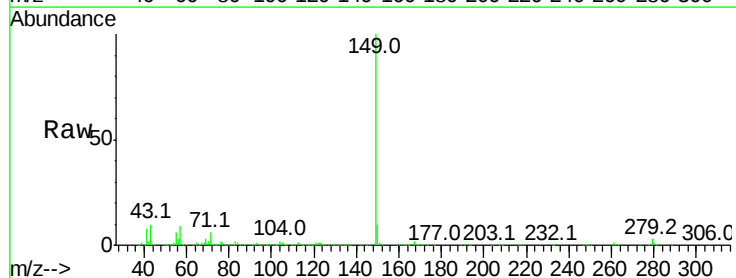
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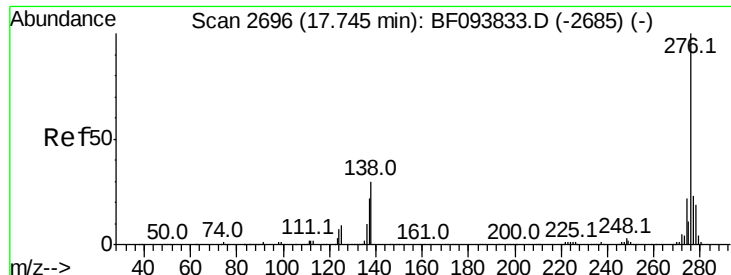
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#84
 Di-n-octyl phthalate
 Concen: 44.37 ng
 RT: 15.47 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1376115		
167	1.6		1.2	1.8
43	9.6		8.5	12.7





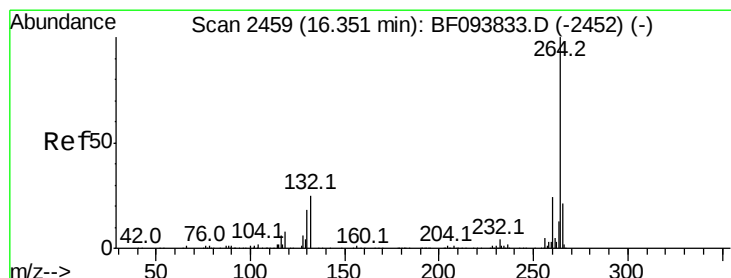
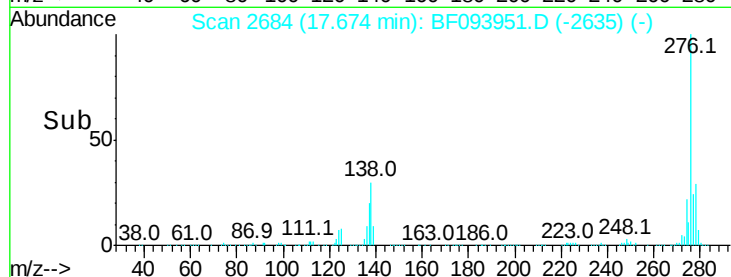
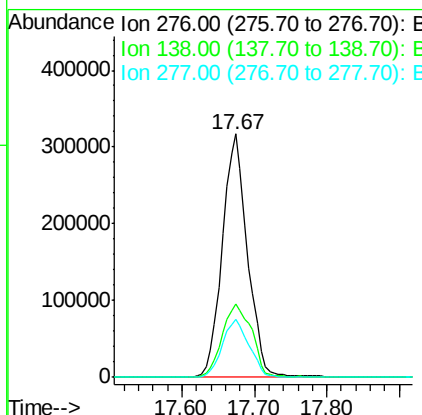
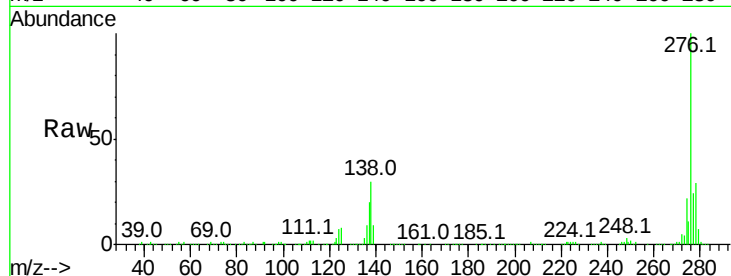
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.06 ng
RT: 17.67 min Scan# 2684
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Instrument :
BNA_F
ClientSampleId :
PB97837BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	25.3	20.2	30.4

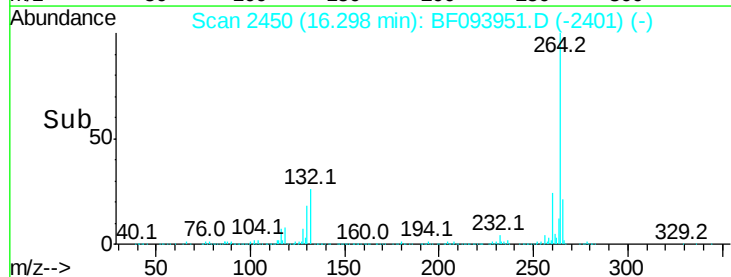
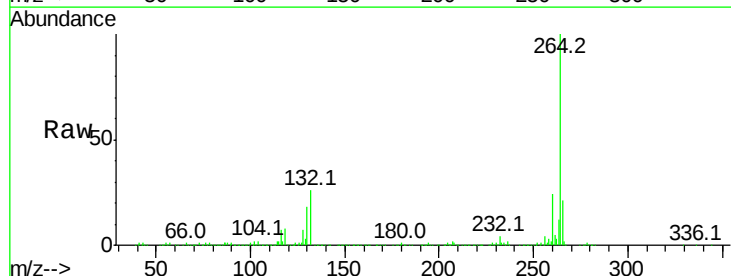
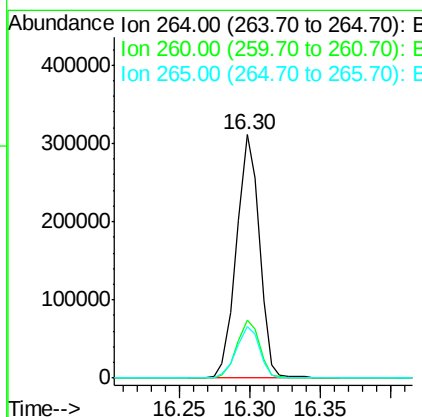
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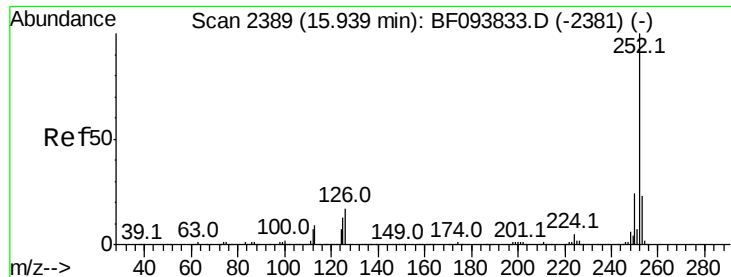
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.30 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF093951.D
Acq: 27 Mar 2017 19:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.22 ng

RT: 15.89 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

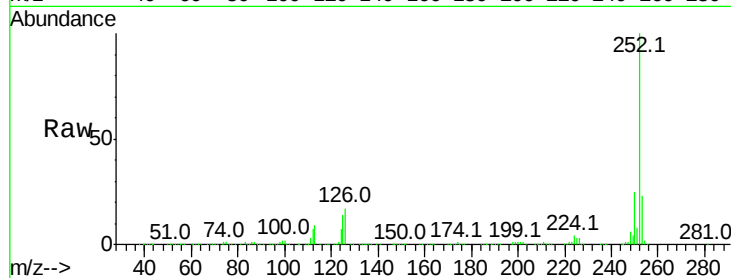
ClientSampled :

PB97837BS

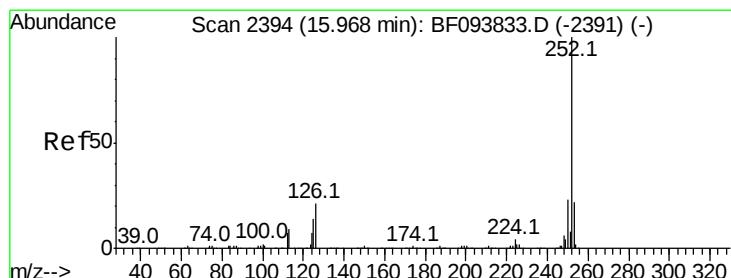
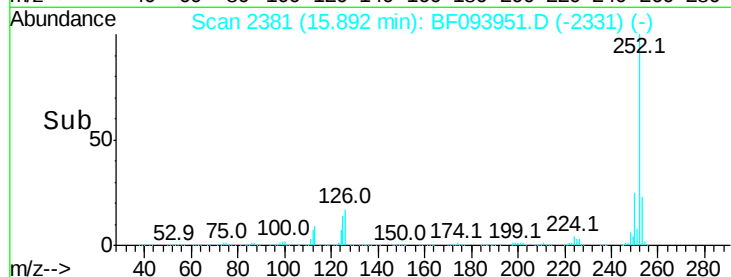
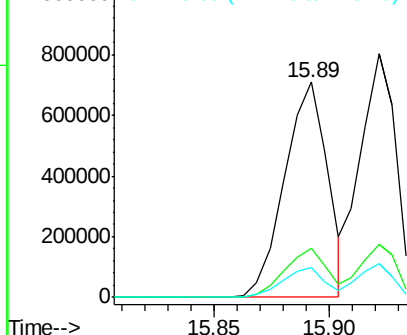
Tot Ion:	252	Resp:	916524
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.1	27.1
125	13.7	9.8	14.8

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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: 41.48 ng

RT: 15.92 min Scan# 2386

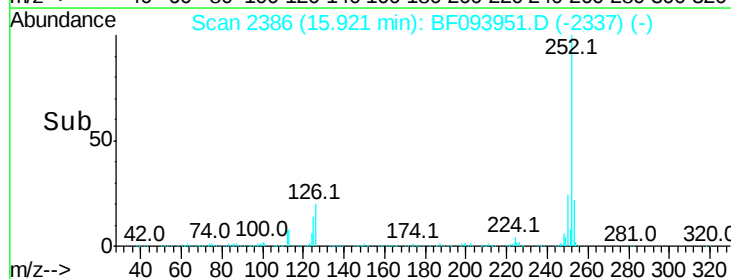
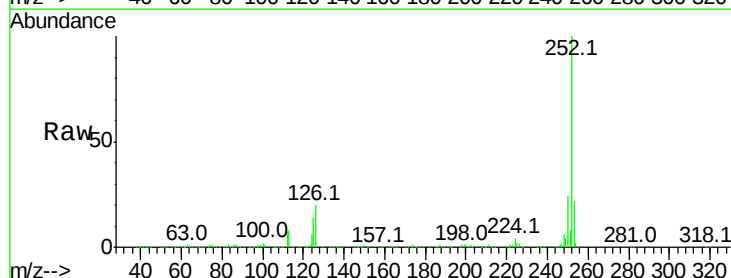
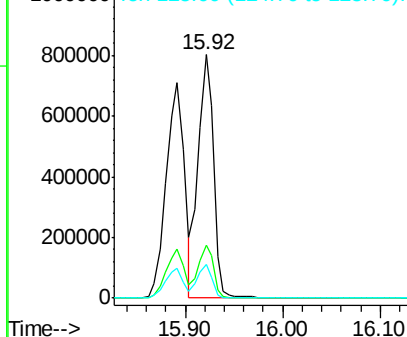
Delta R.T. -0.01 min

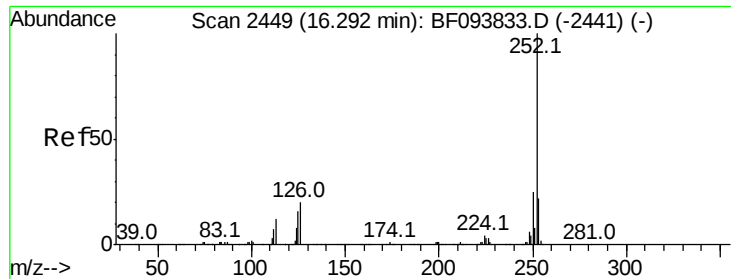
Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion:	252	Resp:	881119
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.4	27.6
125	13.7	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: 41.44 ng

RT: 16.24 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Instrument :

BNA_F

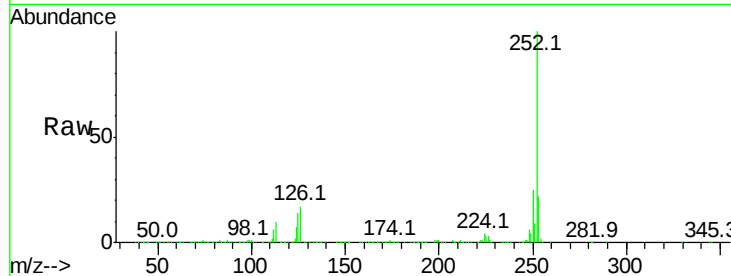
ClientSampleId :

PB97837BS

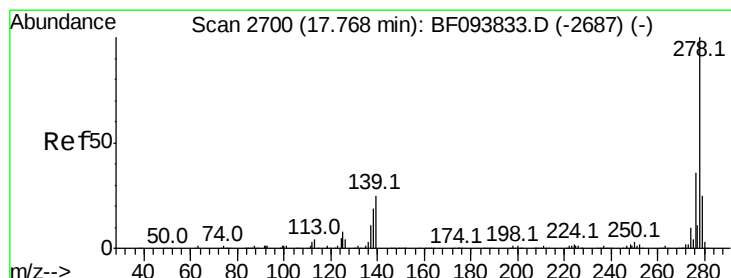
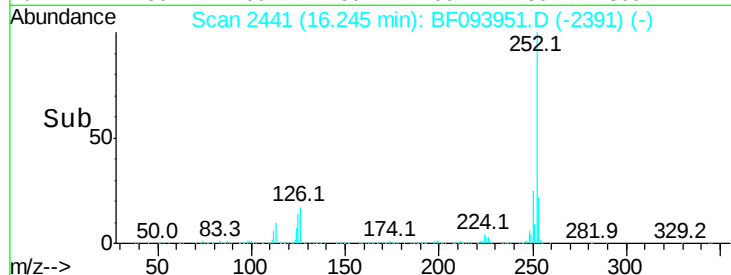
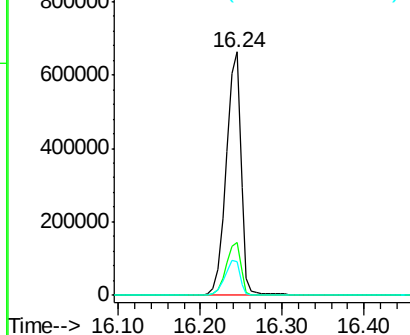
Tot Ion:	252	Resp:	828449
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	13.7	11.0	16.4

Manual Integrations
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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: 37.18 ng

RT: 17.70 min Scan# 2688

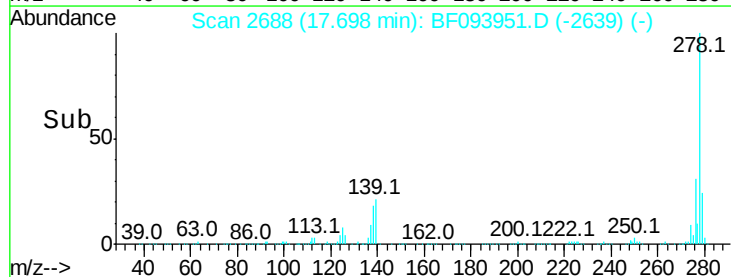
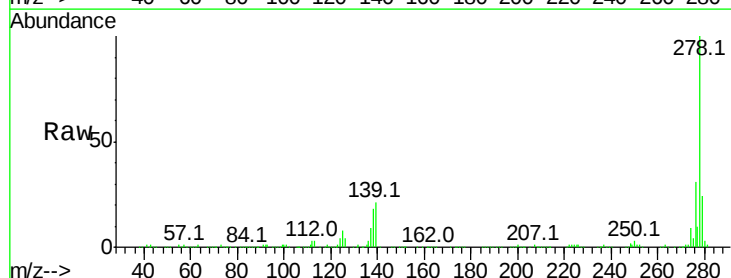
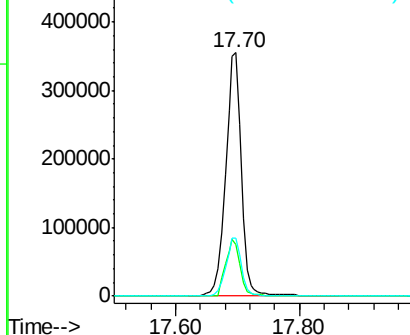
Delta R.T. -0.01 min

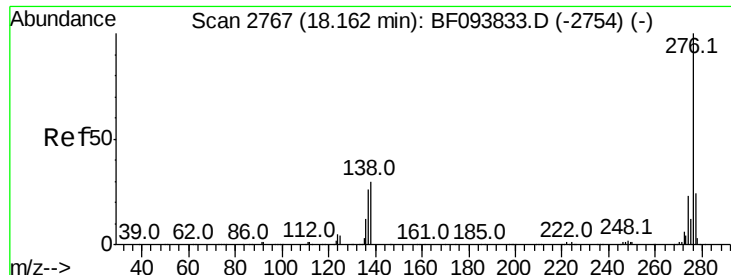
Lab File: BF093951.D

Acq: 27 Mar 2017 19:33

Tgt Ion:	278	Resp:	629477
Ion Ratio	Lower	Upper	
278	100		
139	21.4	16.6	24.8
279	23.6	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: 36.11 ng
 RT: 18.08 min Scan# 2753
 Delta R.T. -0.02 min
 Lab File: BF093951.D
 Acq: 27 Mar 2017 19:33

Instrument :
 BNA_F
 ClientSampleId :
 PB97837BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	29.6	25.4	38.0

Manual Integrations
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