

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
 Data File : BF093008.D
 Acq On : 17 Feb 2017 14:13
 Operator : SJ/MA
 Sample : PB97012BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Manual Integrations
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mohammad
 2/20/2017 12:59:38 PM

Quant Time: Feb 17 22:35:35 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	167061	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	708510	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	373670	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	613865	20.00	ng	0.00
75) Chrysene-d12	14.02	240	525817	20.00	ng	0.00
86) Perylene-d12	15.45	264	482039	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1239609	127.30	ng	0.01
7) Phenol-d6	6.50	99	1658255	132.35	ng	0.01
23) Nitrobenzene-d5	7.42	82	993632	78.10	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	368354	136.30	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1666710	80.81	ng	0.00
78) Terphenyl-d14	12.97	244	1691894	75.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	178095	33.85	ng	# 86
3) Pyridine	3.23	79	497921	37.22	ng	87
4) n-Nitrosodimethylamine	3.18	42	276499	44.01	ng	86
6) Aniline	6.52	93	464565	27.18	ng	# 67
8) 2-Chlorophenol	6.65	128	496291	46.20	ng	95
9) Benzaldehyde	6.40	77	94328	10.51	ng	88
10) Phenol	6.51	94	528128	36.03	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	517205	44.20	ng	96
12) 1,3-Dichlorobenzene	6.80	146	535191m	42.53	ng	
13) 1,4-Dichlorobenzene	6.88	146	555039	43.58	ng	94
14) 1,2-Dichlorobenzene	7.02	146	472694	38.82	ng	97
15) Benzyl Alcohol	7.00	79	384166	41.42	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	827668	40.72	ng	93
17) 2-Methylphenol	7.13	107	421054	45.69	ng	96
18) Hexachloroethane	7.37	117	184198	42.37	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	322729	40.46	ng	95
20) 3+4-Methylphenols	7.28	107	464162	42.12	ng	94
22) Acetophenone	7.28	105	623360	38.53	ng	# 90
24) Nitrobenzene	7.45	77	582107	44.56	ng	92
25) Isophorone	7.69	82	984980	41.55	ng	99
26) 2-Nitrophenol	7.76	139	267298	43.04	ng	93
27) 2,4-Dimethylphenol	7.80	122	442881	40.61	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	590569	37.61	ng	99
29) 2,4-Dichlorophenol	8.01	162	447858	44.03	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	444630	40.56	ng	97
31) Naphthalene	8.17	128	1429940	39.81	ng	99
32) Benzoic acid	7.94	122	267650	44.01	ng	96
33) 4-Chloroaniline	8.21	127	239621	17.01	ng	99
34) Hexachlorobutadiene	8.28	225	227438	37.71	ng	99
35) Caprolactam	8.59	113	139620m	43.64	ng	
36) 4-Chloro-3-methylphenol	8.70	107	432775	40.81	ng	99
37) 2-Methylnaphthalene	8.85	142	899295	39.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	426390	40.65	ng	100
40) Hexachlorocyclopentadiene	9.00	237	359176	75.90	ng	96

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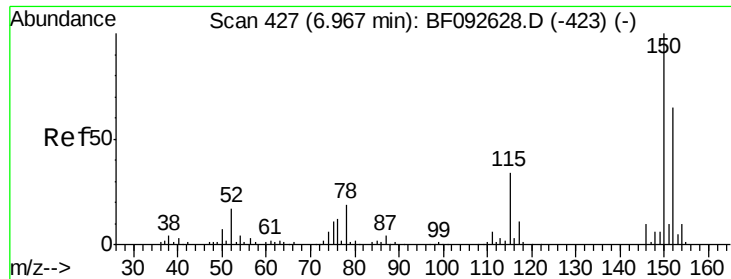
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	308473m	44.76	ng	
43) 2,4,5-Trichlorophenol	9.18	196	318064m	42.12	ng	
45) 1,1'-Biphenyl	9.32	154	1148892	42.46	ng	98
46) 2-Chloronaphthalene	9.34	162	897913	42.42	ng	98
47) 2-Nitroaniline	9.45	65	309906	43.55	ng	# 71
48) Acenaphthylene	9.76	152	1313504	35.92	ng	99
49) Dimethylphthalate	9.63	163	1058051	42.04	ng	99
50) 2,6-Dinitrotoluene	9.69	165	244274	44.94	ng	93
51) Acenaphthene	9.93	154	877054	40.12	ng	96
52) 3-Nitroaniline	9.86	138	159084	25.57	ng	# 70
53) 2,4-Dinitrophenol	9.96	184	219008	79.25	ng	# 63
54) Dibenzofuran	10.10	168	1117971	38.23	ng	99
55) 4-Nitrophenol	10.03	139	351215	78.39	ng	92
56) 2,4-Dinitrotoluene	10.09	165	289116	39.95	ng	92
57) Fluorene	10.44	166	854795	38.00	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	250239	49.67	ng	95
59) Diethylphthalate	10.33	149	1023614	43.16	ng	# 93
60) 4-Chlorophenyl-phenylether	10.43	204	406117	37.58	ng	97
61) 4-Nitroaniline	10.48	138	280958	44.10	ng	86
62) Azobenzene	10.59	77	1109516	45.28	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	158675	42.77	ng	# 56
65) n-Nitrosodiphenylamine	10.56	169	791672	40.37	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	247489	38.59	ng	97
67) Hexachlorobenzene	10.99	284	247988	39.13	ng	# 87
68) Atrazine	11.08	200	251786	40.01	ng	99
69) Pentachlorophenol	11.19	266	279967	85.07	ng	97
70) Phenanthrene	11.40	178	1271589	36.16	ng	99
71) Anthracene	11.46	178	1506312	42.65	ng	99
72) Carbazole	11.61	167	1298327	38.46	ng	99
73) Di-n-butylphthalate	11.94	149	1456839	39.90	ng	98
74) Fluoranthene	12.59	202	1393773	38.42	ng	98
76) Benzidine	12.72	184	520108	23.21	ng	96
77) Pyrene	12.82	202	1395282	35.46	ng	99
79) Butylbenzylphthalate	13.44	149	711090	44.50	ng	89
80) Benzo(a)anthracene	14.01	228	1171391	36.42	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	314459	27.43	ng	# 95
82) Chrysene	14.04	228	1066577	35.42	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	930251	42.57	ng	# 96
84) Di-n-octyl phthalate	14.60	149	1627499	45.73	ng	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	1081157	46.36	ng	94
87) Benzo(b)fluoranthene	15.04	252	1197101	37.73	ng	99
88) Benzo(k)fluoranthene	15.07	252	1136595m	41.49	ng	
89) Benzo(a)pyrene	15.39	252	1123322	40.93	ng	98
90) Dibenzo(a,h)anthracene	16.87	278	885481	39.92	ng	# 95
91) Benzo(g,h,i)perylene	17.28	276	891506	39.79	ng	# 89

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



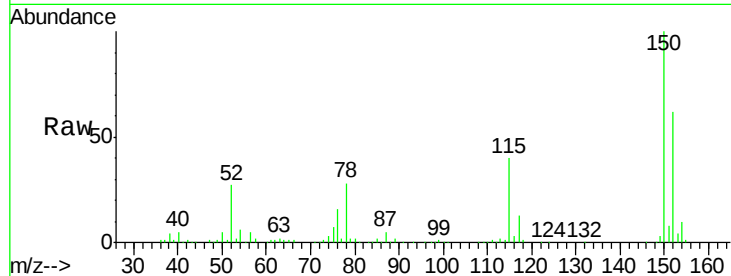
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

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 PB97012BSD

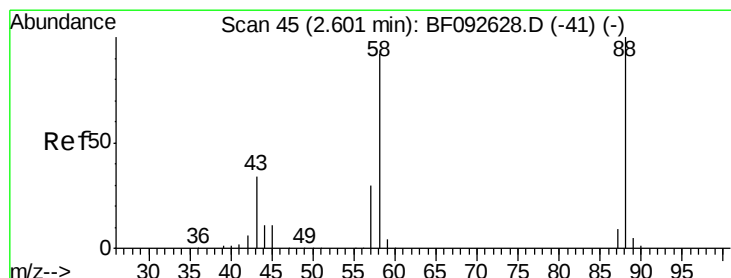
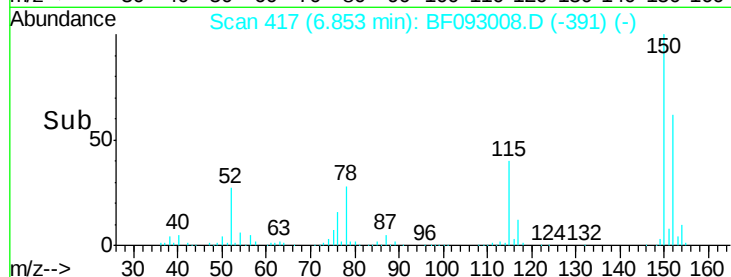
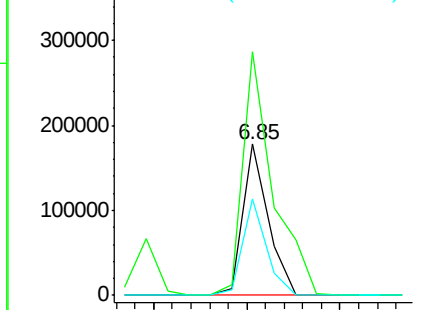
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.9	187.3
115	64.0	46.0	69.0

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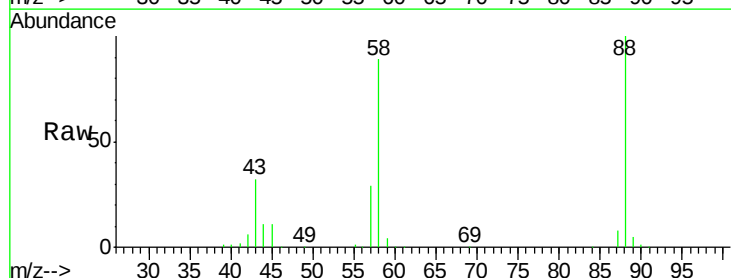


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

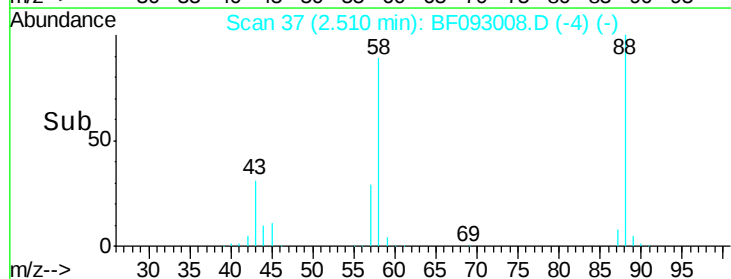
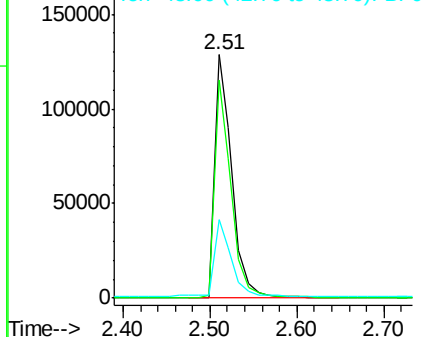


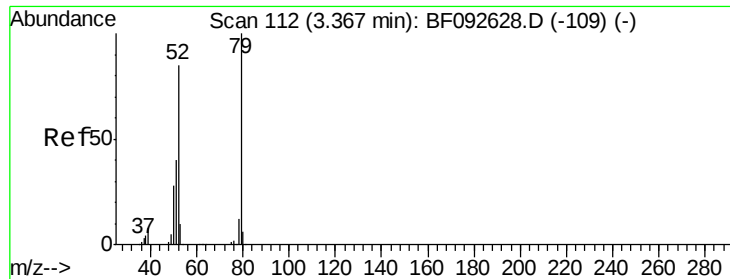
#2
 1,4-Dioxane
 Concen: 33.85 ng
 RT: 2.51 min Scan# 37
 Delta R.T. 0.08 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.4	57.8	86.8#
43	30.7	22.3	33.5



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





#3

Pyridine

Concen: 37.22 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.08 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

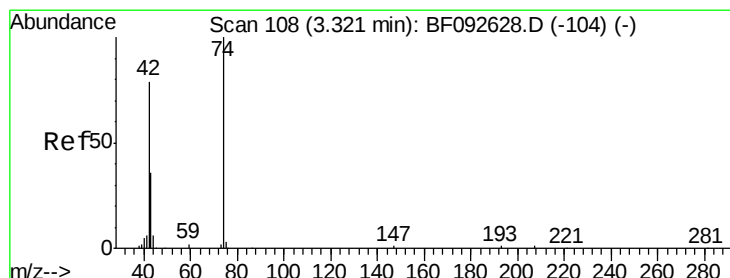
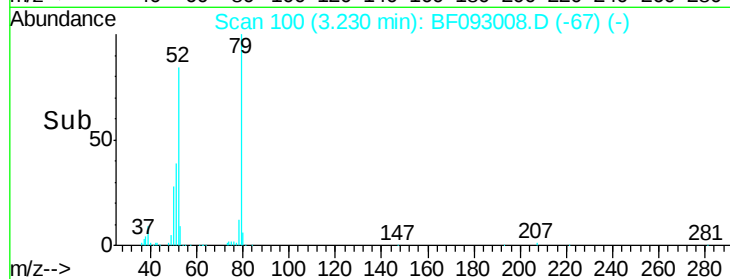
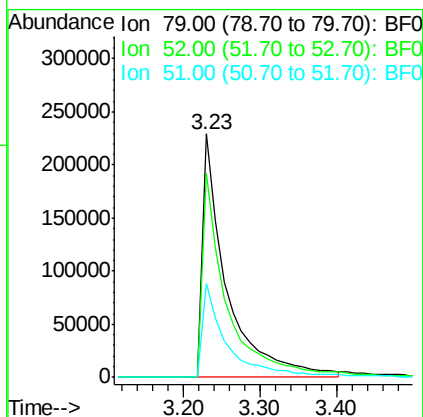
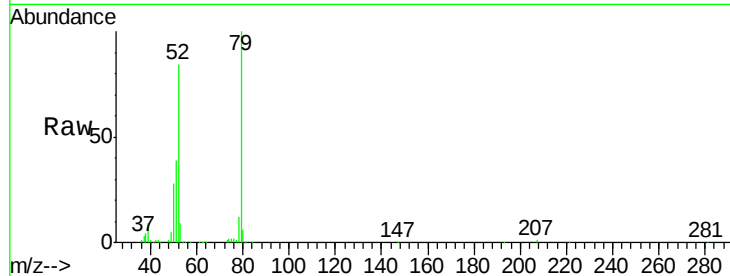
ClientSampleId :

PB97012BSD

Tgt Ion:	79	Resp:	497921
Ion Ratio	Lower	Upper	
79	100		
52	83.7	57.1	85.7
51	38.5	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 44.01 ng

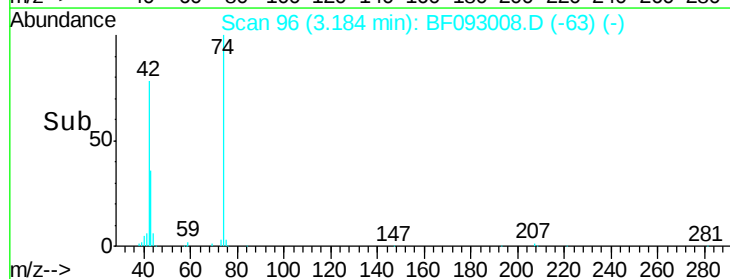
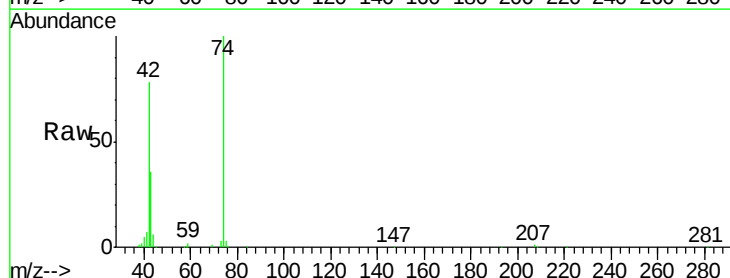
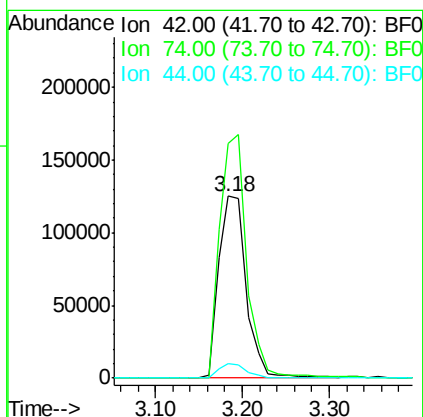
RT: 3.18 min Scan# 96

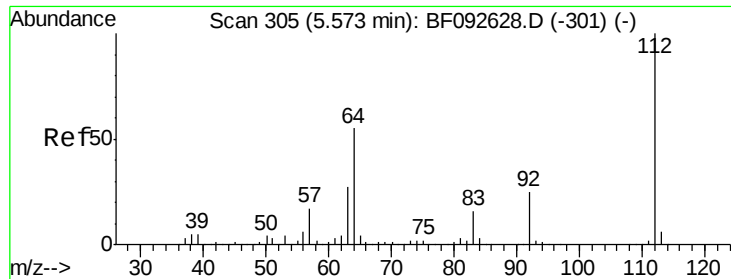
Delta R.T. 0.08 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Tgt Ion:	42	Resp:	276499
Ion Ratio	Lower	Upper	
42	100		
74	128.7	117.0	175.4
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 127.30 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF093008.D

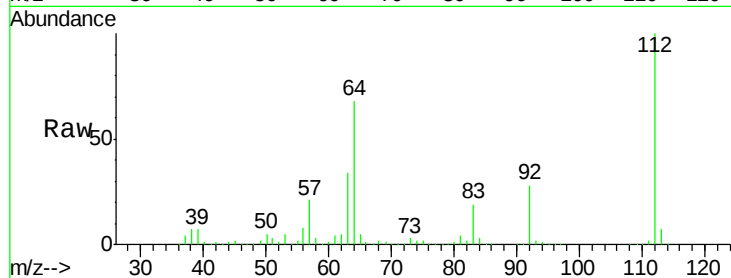
Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD



Tgt Ion: 112 Resp: 1239609

Ion Ratio Lower Upper

112 100

64 67.9 46.1 69.1

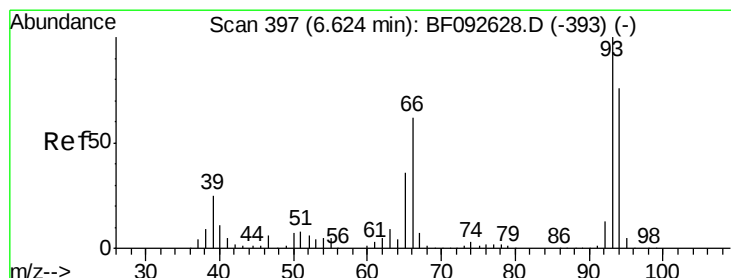
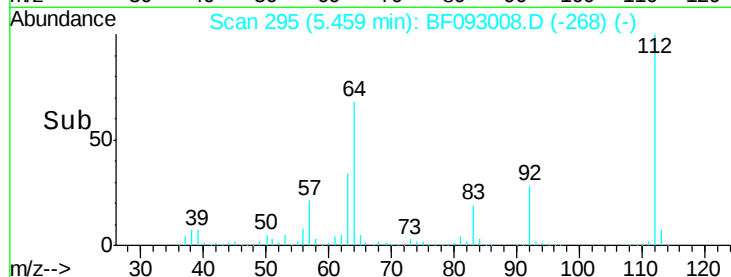
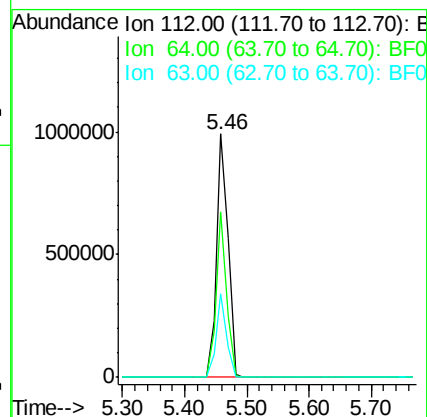
63 34.5 23.8 35.6

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#6

Aniline

Concen: 27.18 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

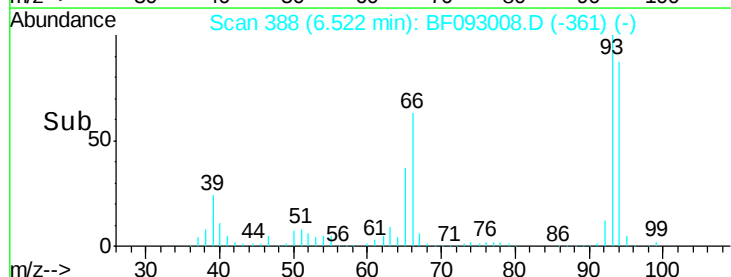
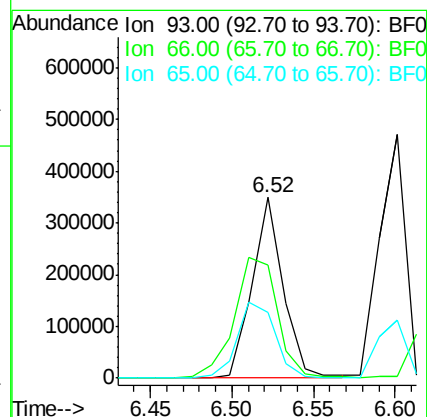
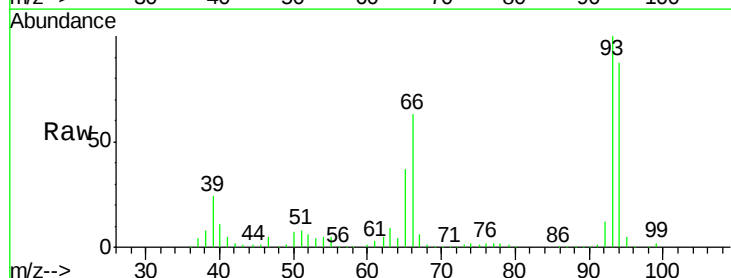
Tgt Ion: 93 Resp: 464565

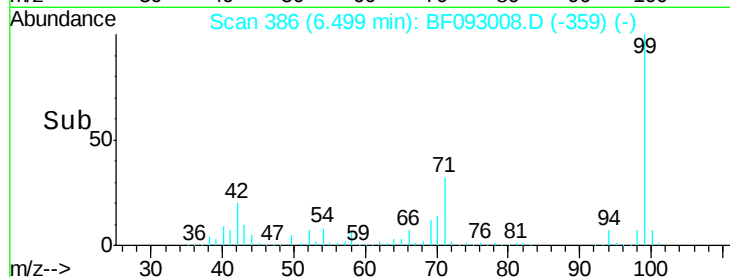
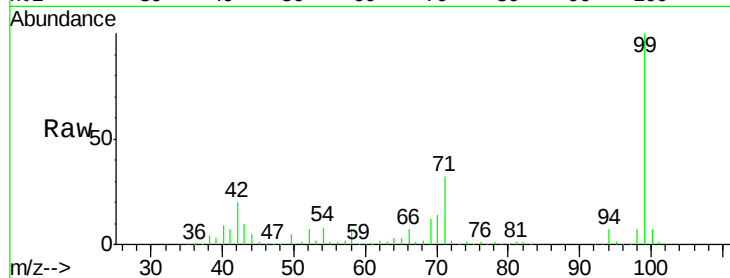
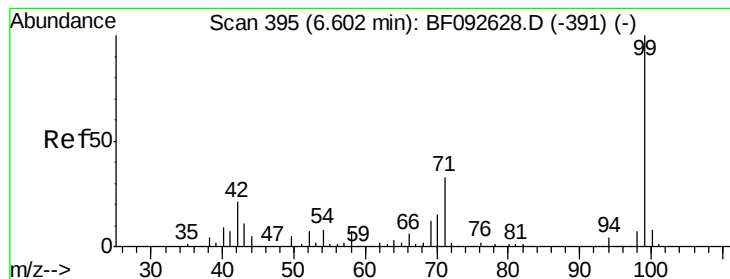
Ion Ratio Lower Upper

93 100

66 62.5 76.2 114.2#

65 36.7 49.3 73.9#





#7

Phenol-d6

Concen: 132.35 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Tgt Ion:	99	Resp:	1658255
Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.6	23.4
71	32.5	27.5	41.3

Instrument :

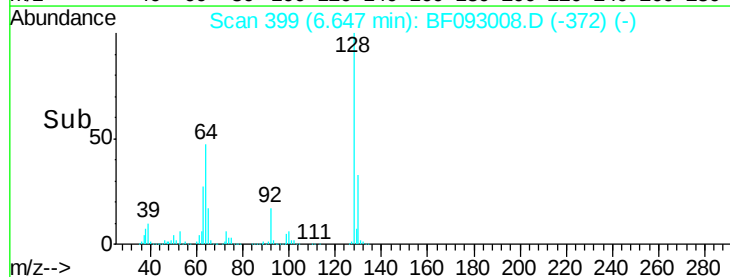
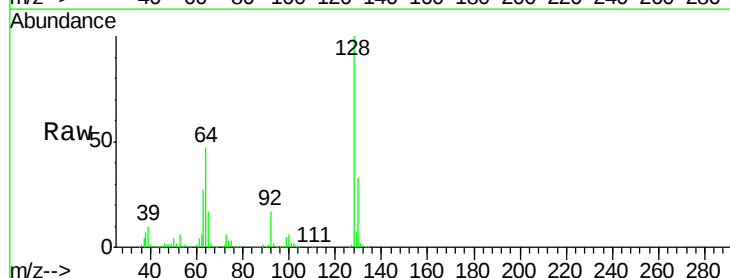
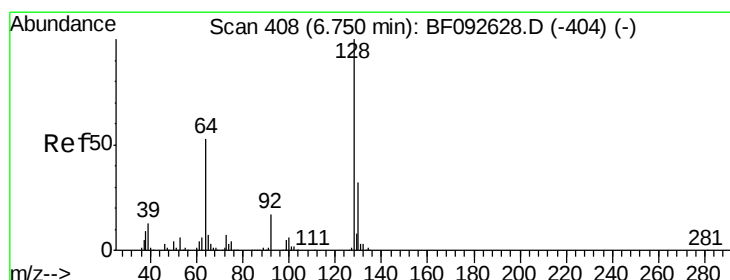
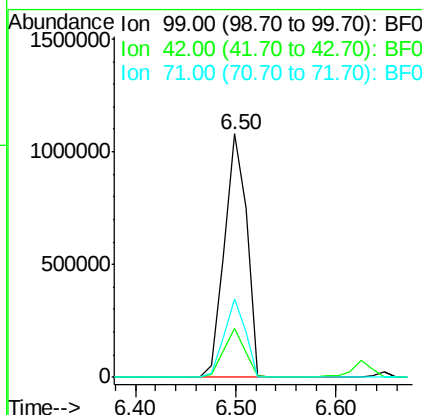
BNA_F

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#8

2-Chlorophenol

Concen: 46.20 ng

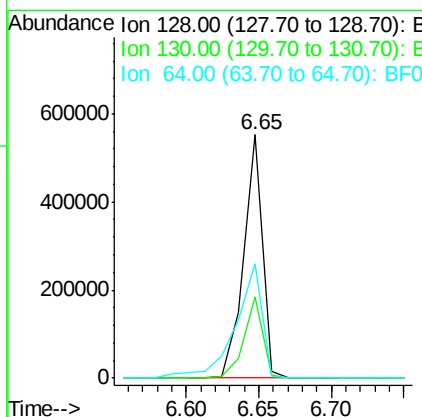
RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Tgt Ion:	128	Resp:	496291
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.3	52.3
64	47.0	32.2	72.2





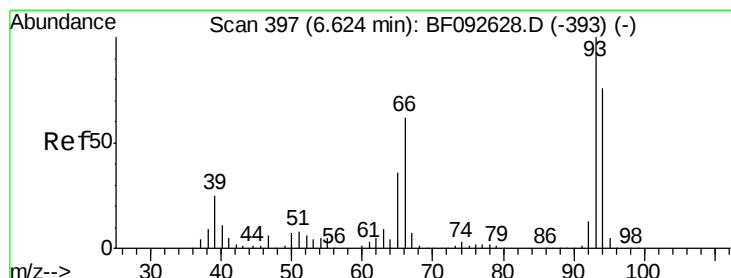
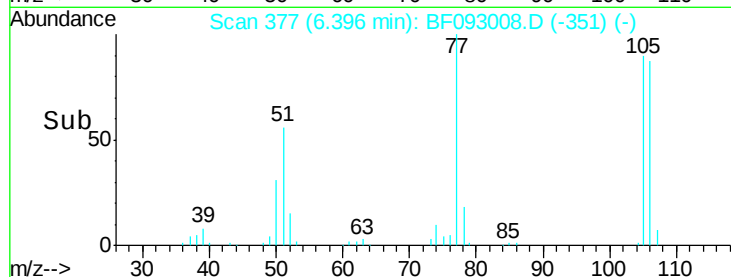
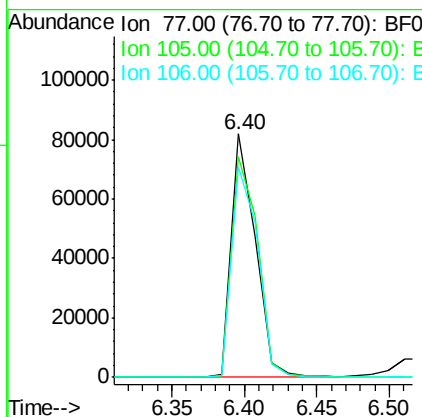
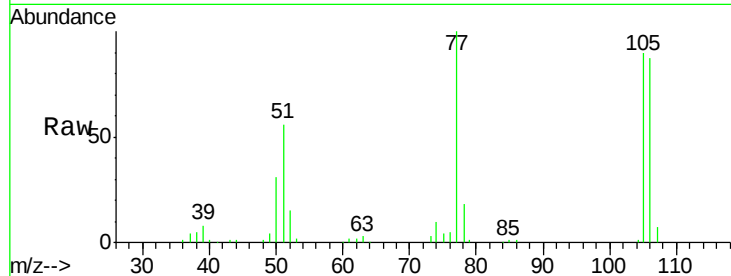
#9
Benzaldehyde
Concen: 10.51 ng
RT: 6.40 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion: 77 Resp: 94328
Ion Ratio Lower Upper
77 100
105 90.5 83.9 123.9
106 86.5 77.6 117.6

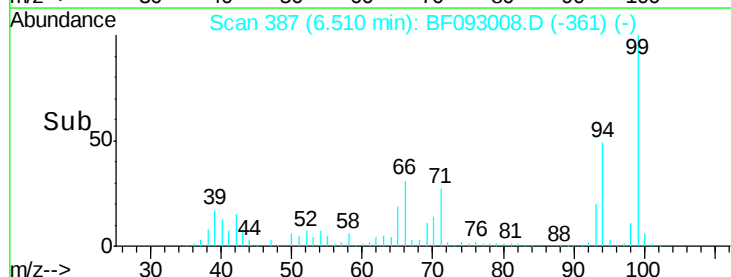
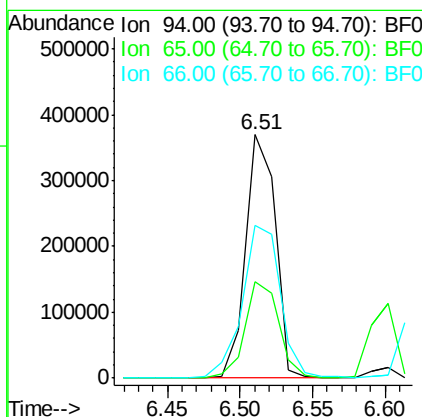
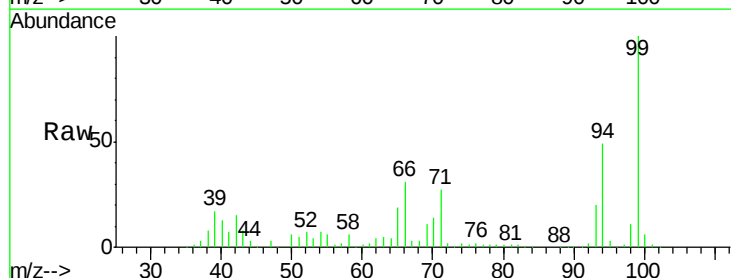
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#10
Phenol
Concen: 36.03 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion: 94 Resp: 528128
Ion Ratio Lower Upper
94 100
65 39.5 21.4 61.4
66 63.0 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 44.20 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

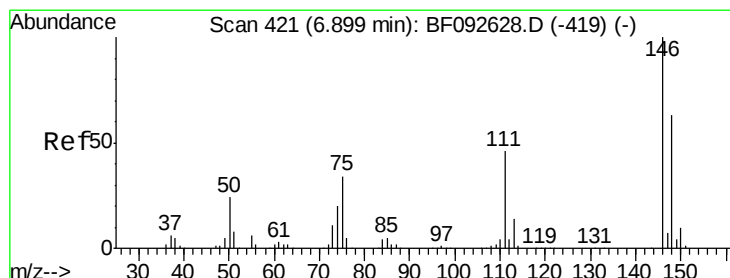
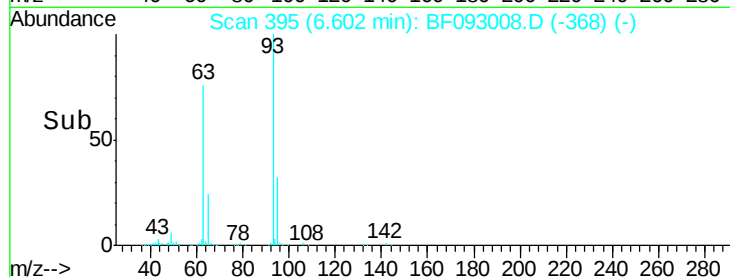
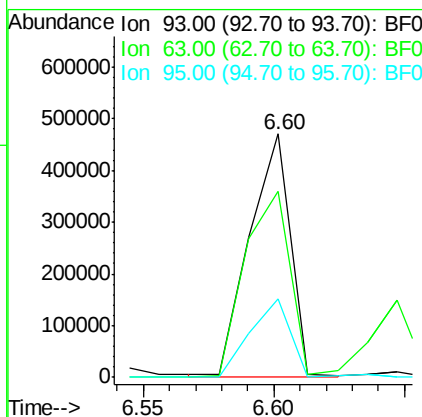
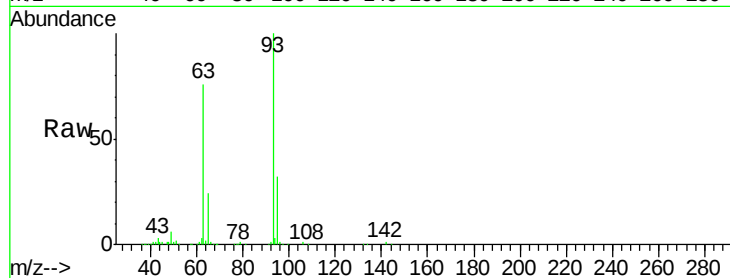
ClientSampleId :

PB97012BSD

Tgt Ion:	93	Resp:	517205
Ion	Ratio	Lower	Upper
93	100		
63	76.3	60.4	100.4
95	32.4	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 42.53 ng m

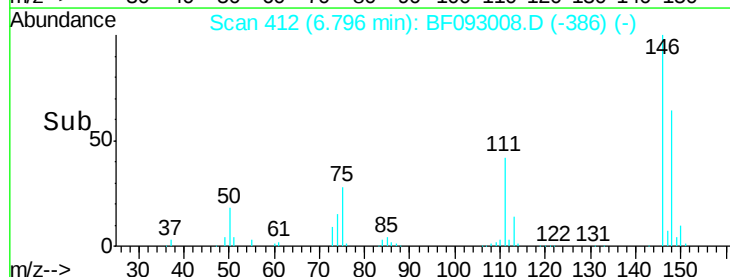
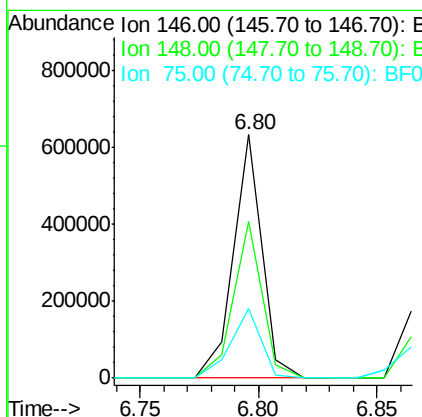
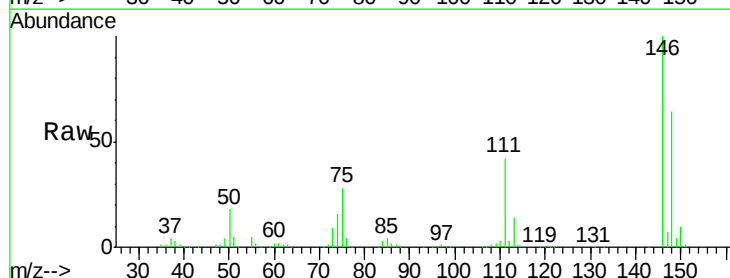
RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Tgt Ion:	146	Resp:	535191
Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.4	80.0
75	28.4	18.5	27.7#





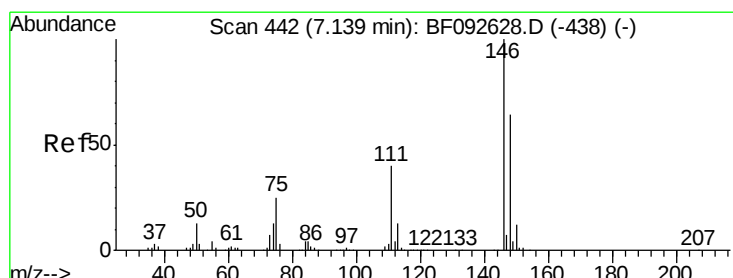
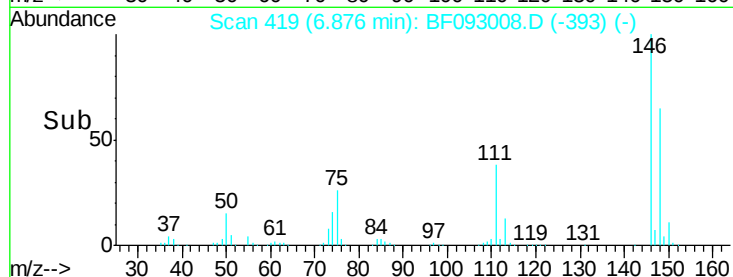
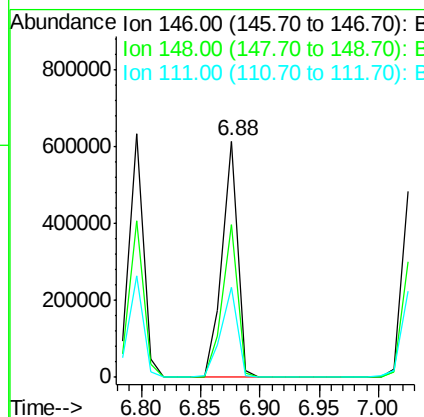
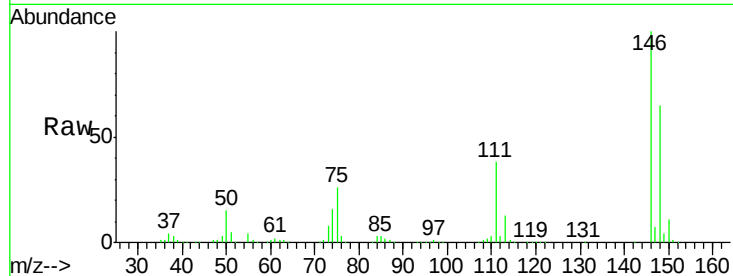
#13
 1,4-Dichlorobenzene
 Concen: 43.58 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	76.0
111	38.2	36.2	54.4

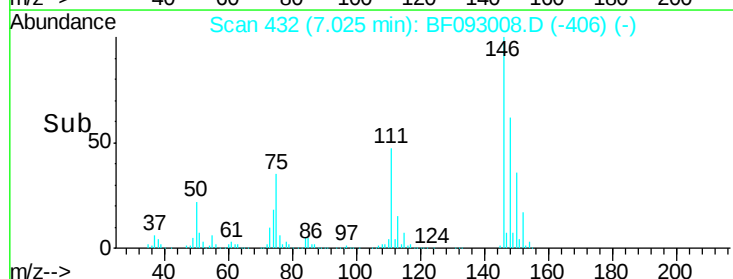
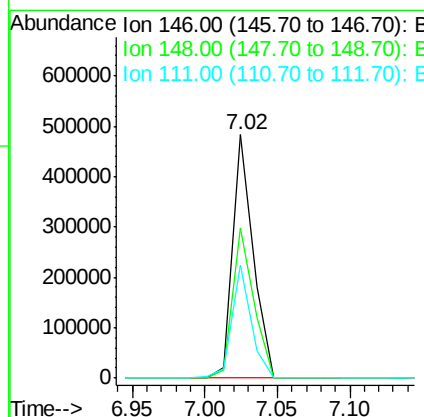
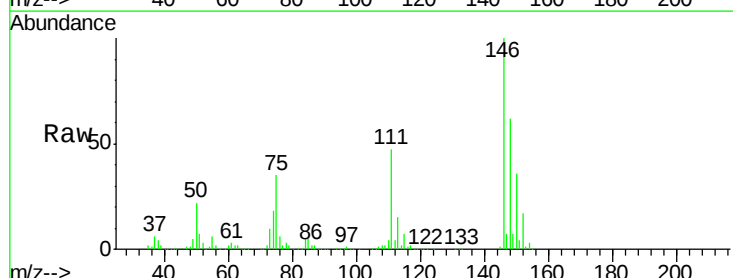
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#14
 1,2-Dichlorobenzene
 Concen: 38.82 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	52.2	78.2
111	46.6	36.2	54.2





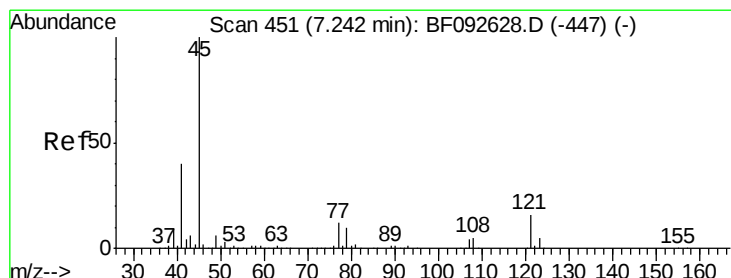
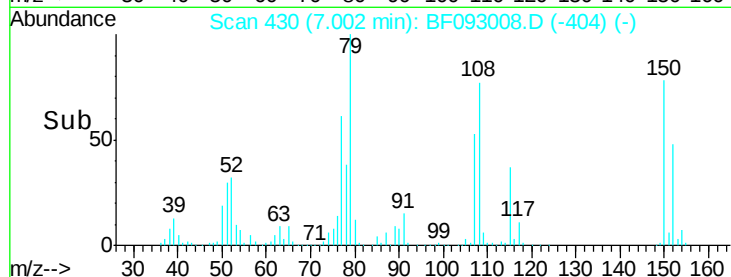
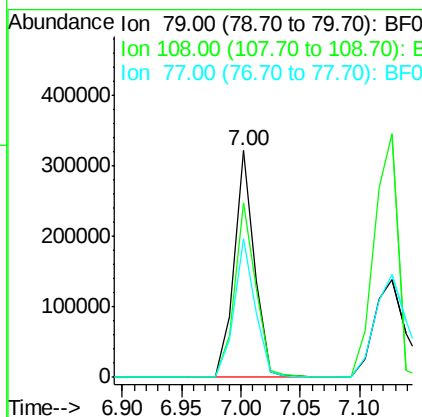
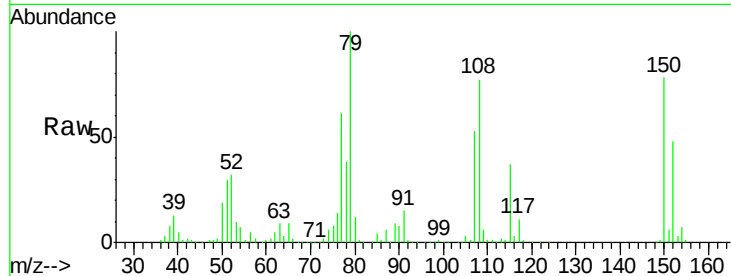
#15
Benzyl Alcohol
Concen: 41.42 ng
RT: 7.00 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	384166		
108	76.9	61.4	92.0	
77	61.0	50.9	76.3	

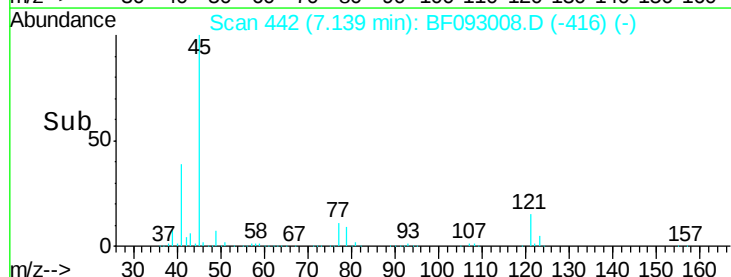
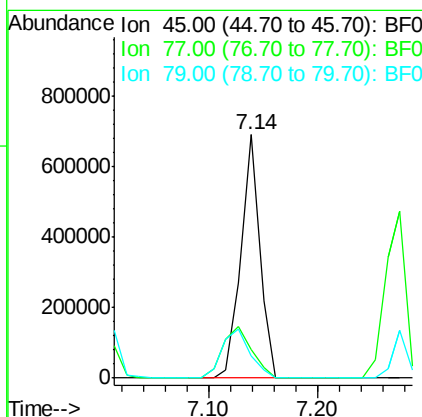
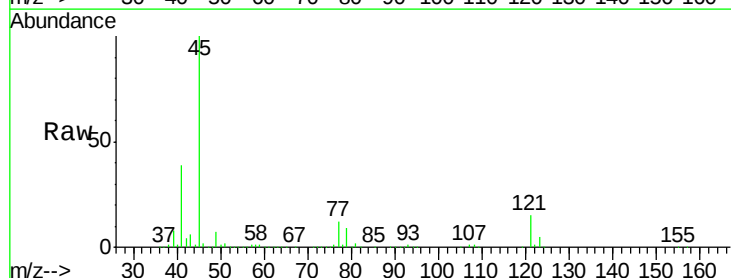
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.72 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	827668		
77	11.5	0.0	34.6	
79	9.0	0.0	31.2	





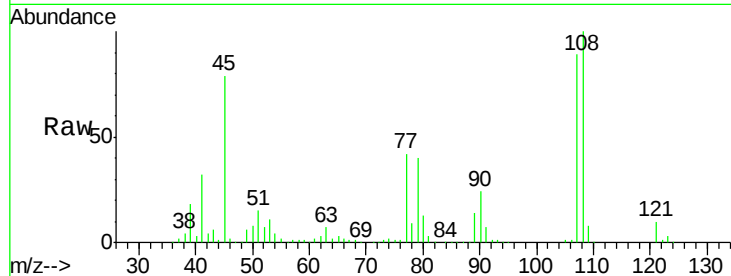
#17
2-Methylphenol
Concen: 45.69 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

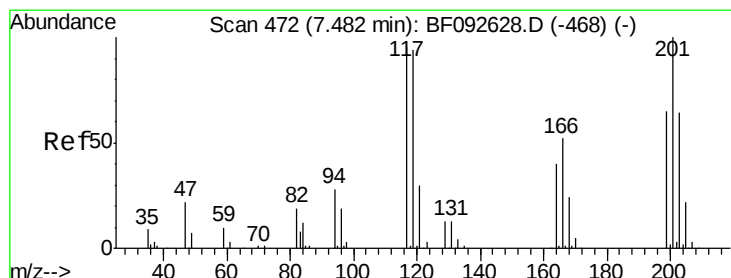
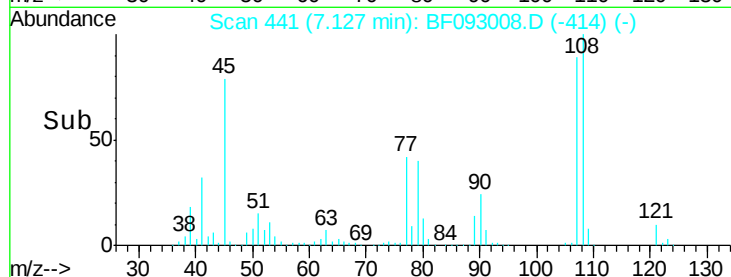
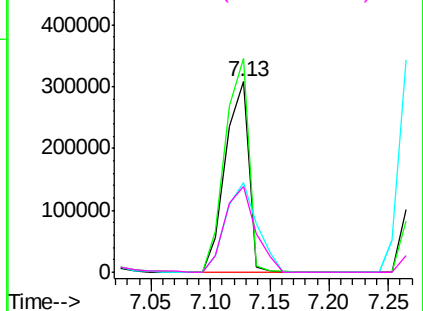
Tgt Ion:	107	Resp:	421054
Ion Ratio	Lower	Upper	
107	100		
108	112.3	93.0	139.6
77	47.3	39.8	59.8
79	44.9	38.0	57.0

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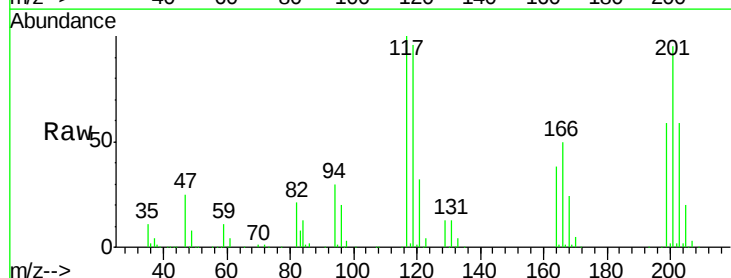


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

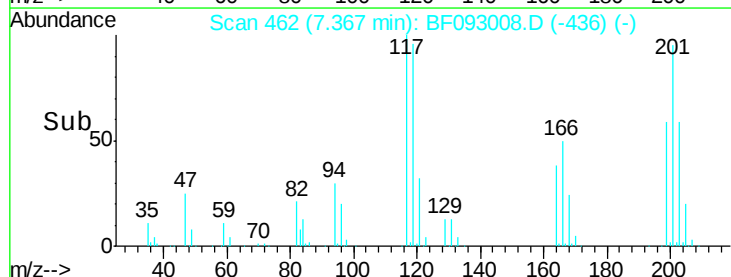
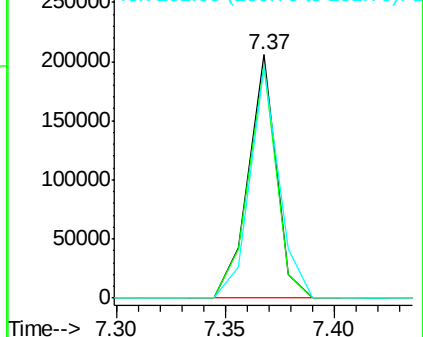


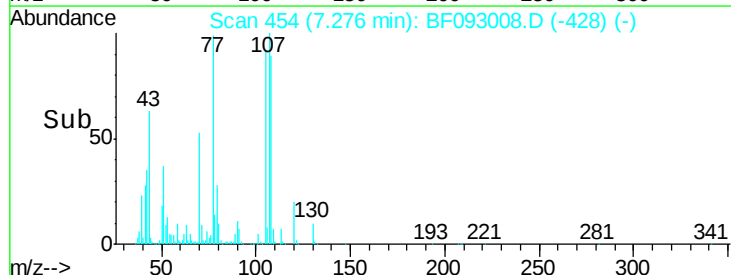
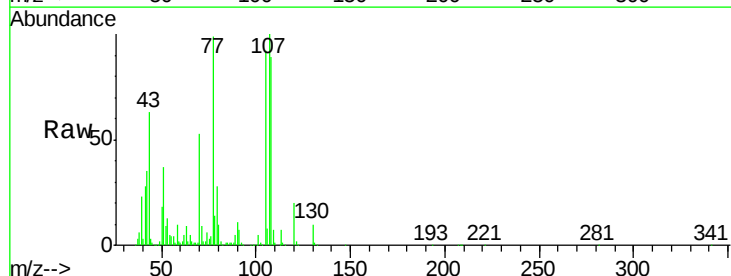
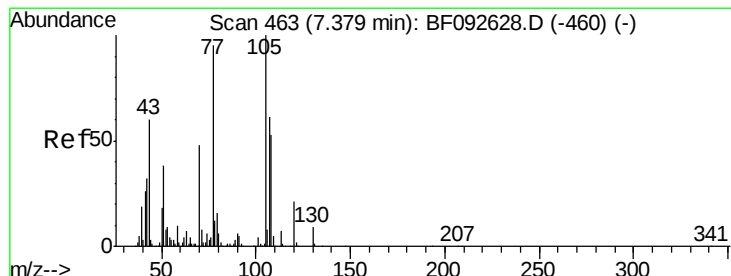
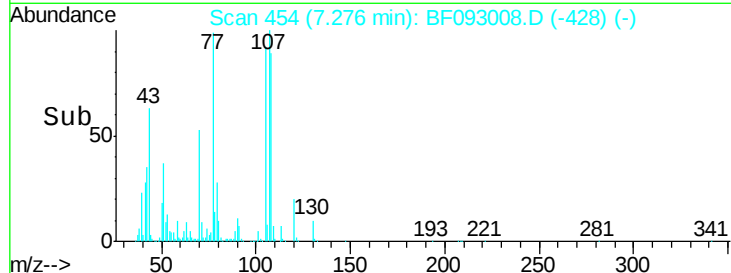
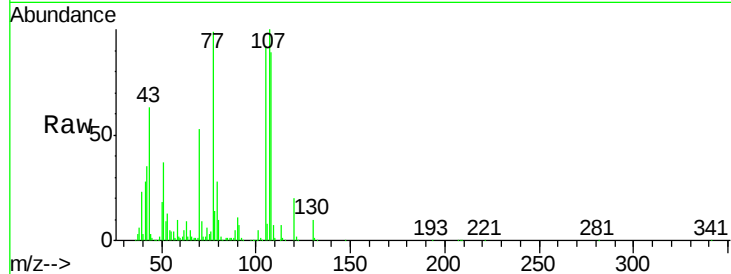
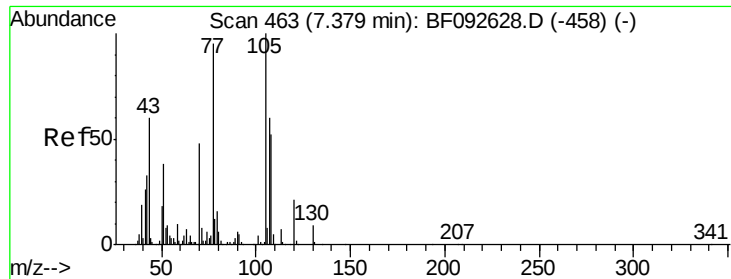
#18
Hexachloroethane
Concen: 42.37 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:	117	Resp:	184198
Ion Ratio	Lower	Upper	
117	100		
119	95.7	78.1	117.1
201	95.2	78.6	117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





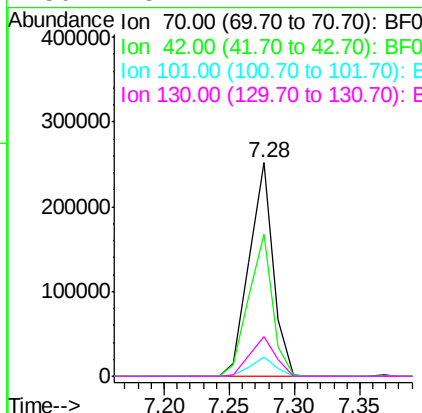
#19
n-Nitroso-di-n-propylamine
Concen: 40.46 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	322729		
42	66.7	49.4	74.0	
101	9.0	7.4	11.2	
130	18.4	14.2	21.4	

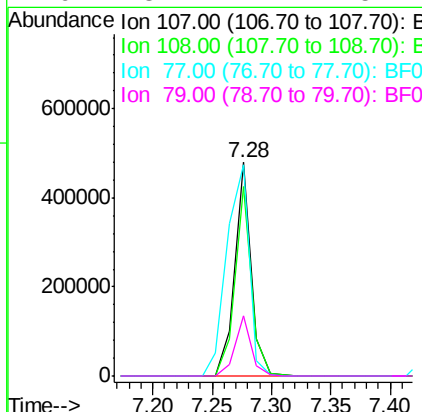
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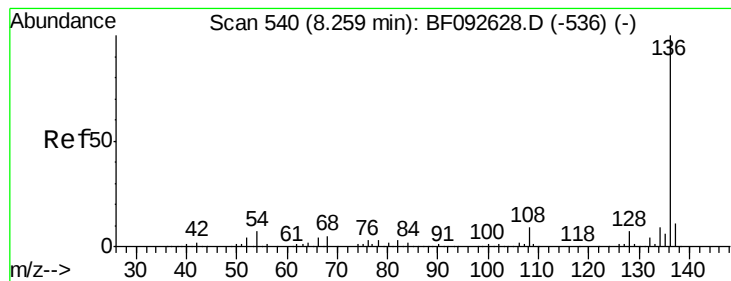
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#20
3+4-Methylphenols
Concen: 42.12 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	464162		
108	89.0	73.0	113.0	
77	99.1	71.3	111.3	
79	28.2	11.1	51.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

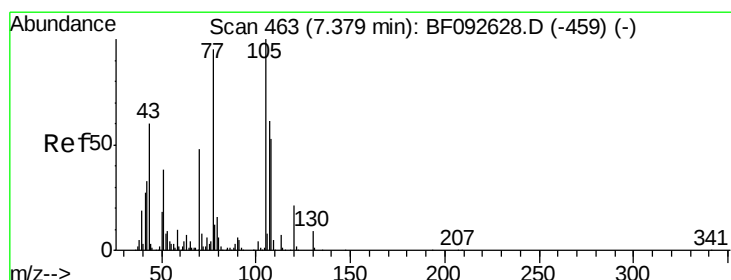
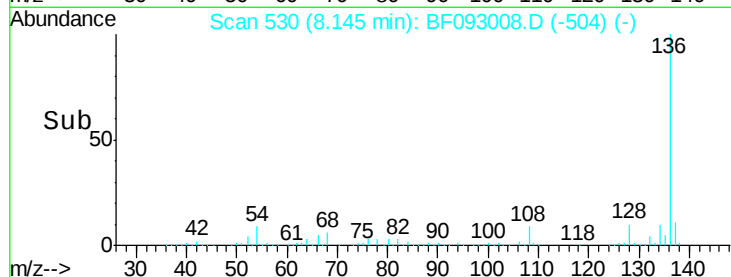
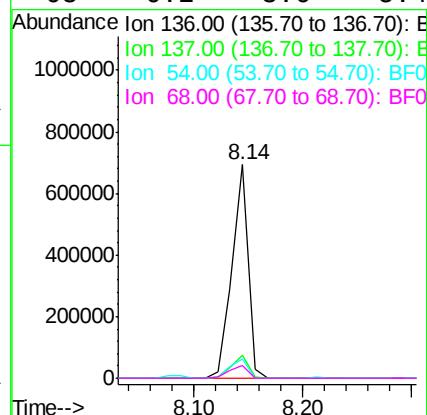
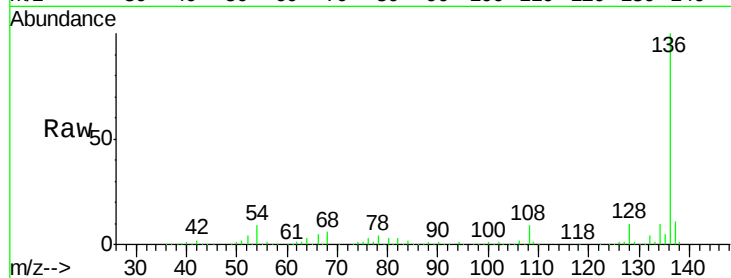
ClientSampleId :

PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	708510		
137	10.9	8.4	12.6	
54	8.8	4.5	6.7#	
68	6.2	3.6	5.4#	

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#22

Acetophenone

Concen: 38.53 ng

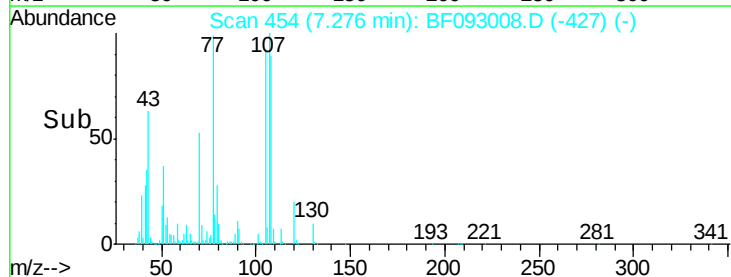
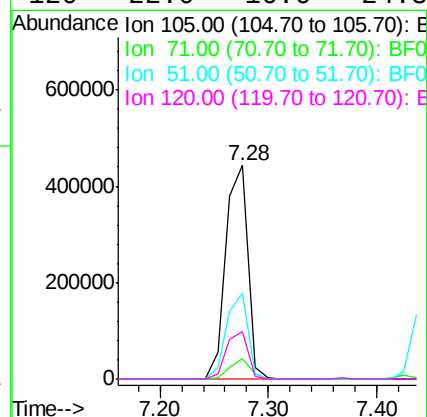
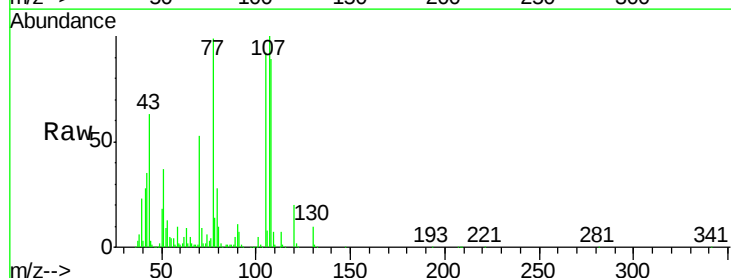
RT: 7.28 min Scan# 454

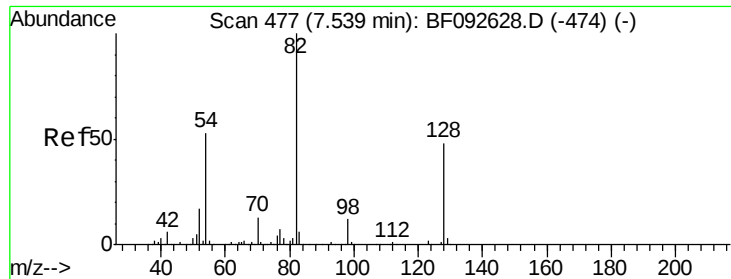
Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	623360		
71	9.4	3.2	4.8#	
51	40.3	26.2	39.4#	
120	22.0	16.6	24.8	





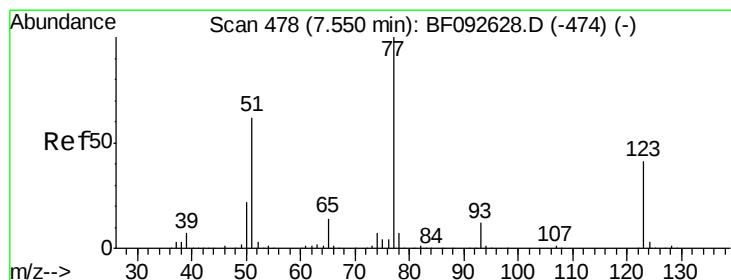
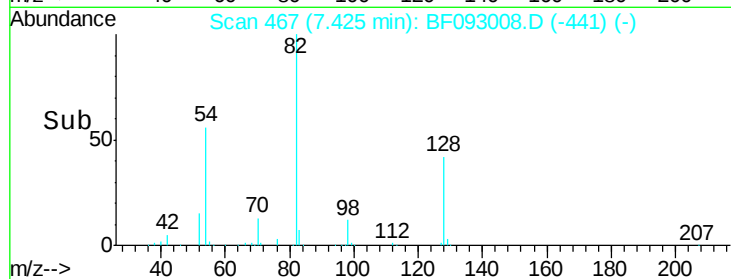
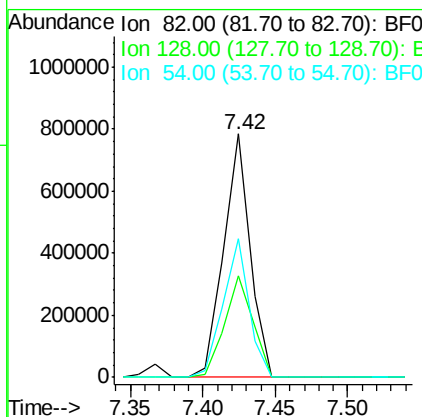
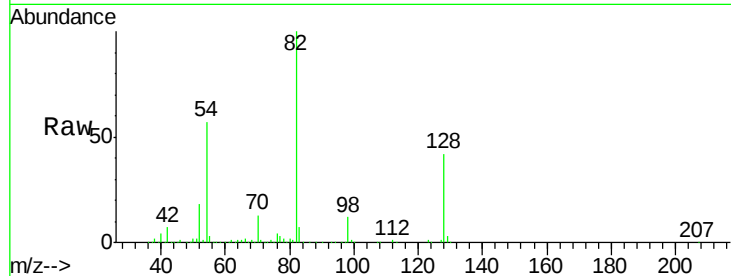
#23
 Nitrobenzene-d5
 Concen: 78.10 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	993632		
128	41.9	34.6	52.0	
54	57.2	39.5	59.3	

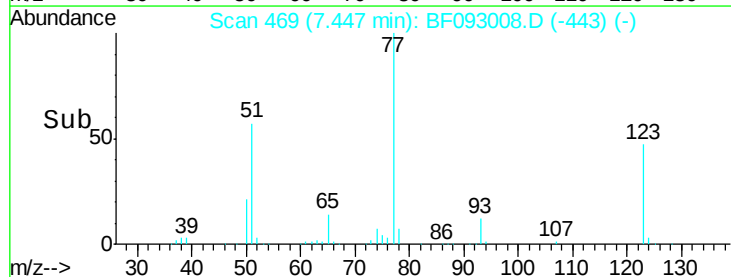
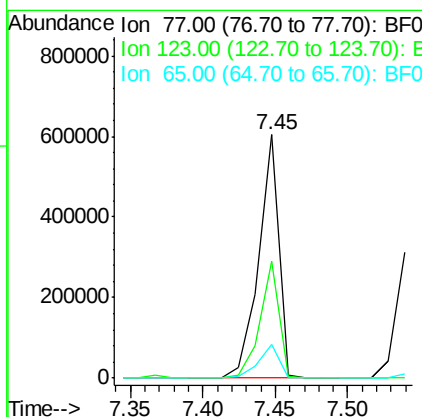
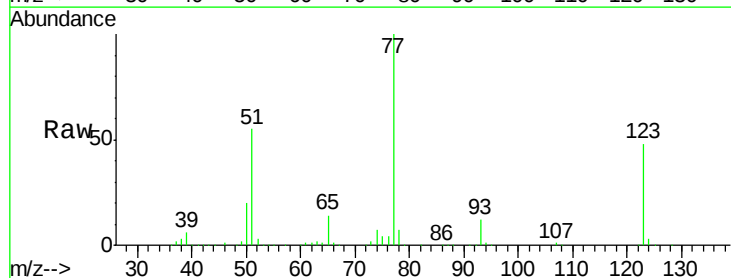
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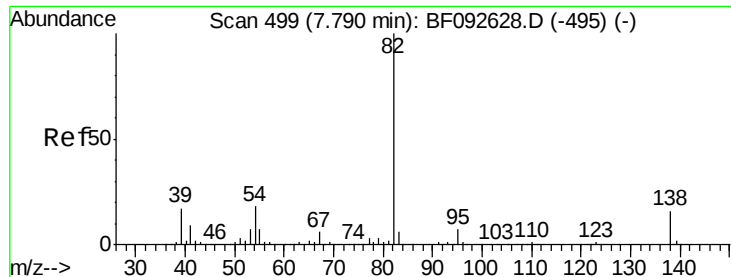
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#24
 Nitrobenzene
 Concen: 44.56 ng
 RT: 7.45 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	582107		
123	47.9	33.0	49.4	
65	13.6	11.2	16.8	





#25

Isophorone

Concen: 41.55 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

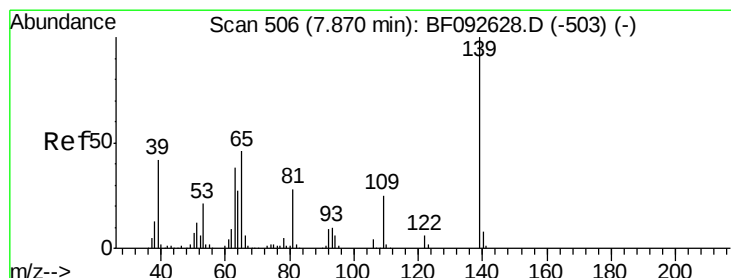
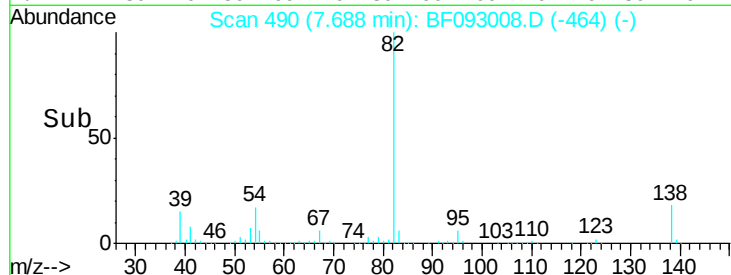
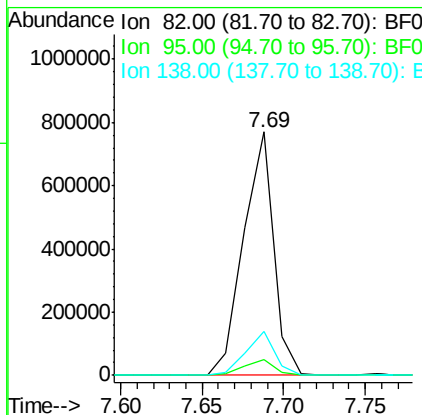
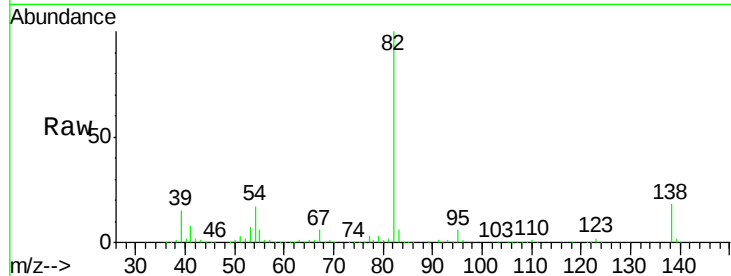
ClientSampleId :

PB97012BSD

Tgt Ion:	82	Resp:	984980
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.6	8.4
138	18.0	14.6	22.0

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#26

2-Nitrophenol

Concen: 43.04 ng

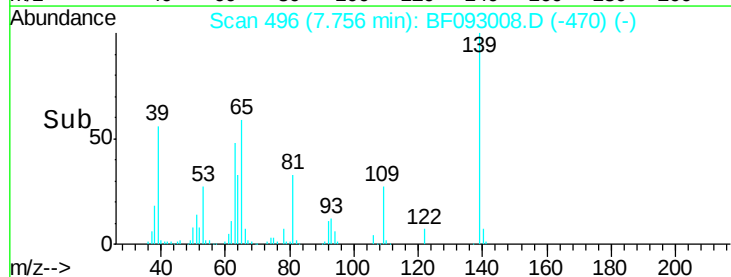
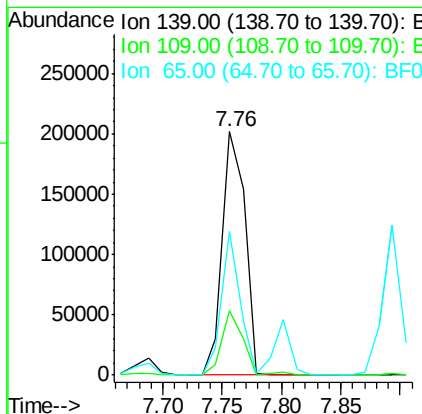
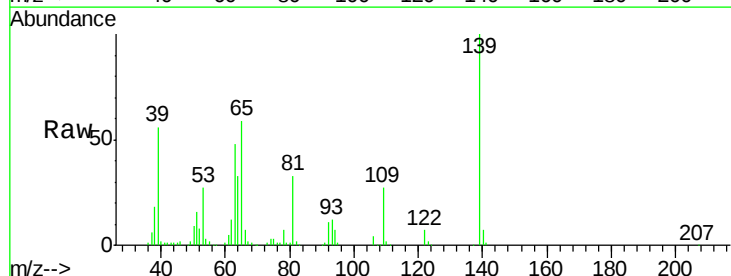
RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Tgt Ion:	139	Resp:	267298
Ion Ratio		Lower	Upper
139	100		
109	26.7	23.3	34.9
65	59.3	42.7	64.1





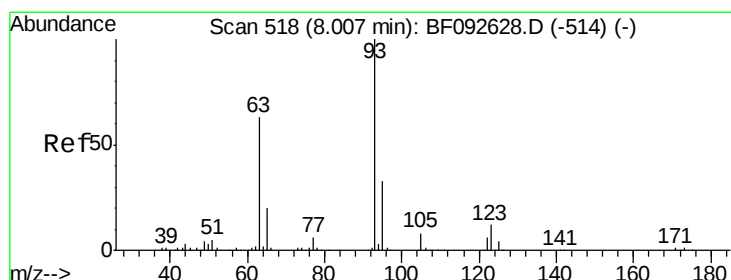
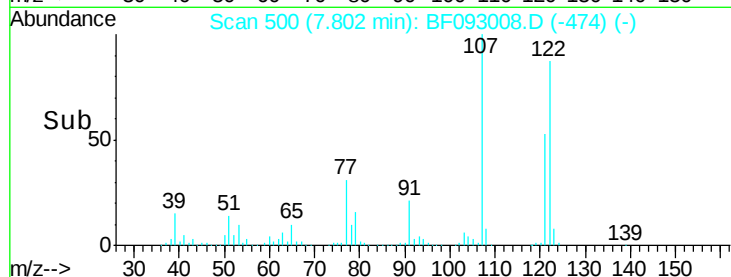
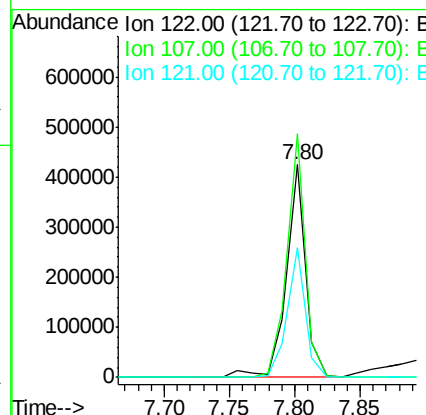
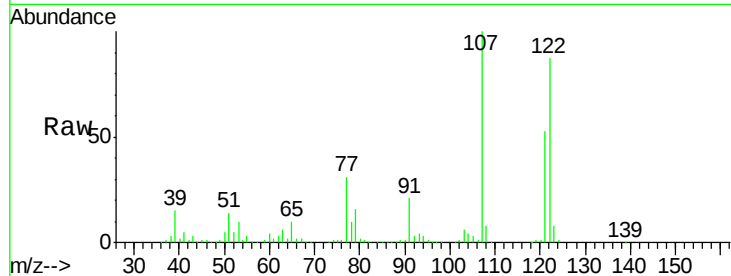
#27
 2,4-Dimethylphenol
 Concen: 40.61 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	442881		
107	114.5	94.1	141.1	
121	60.7	46.0	69.0	

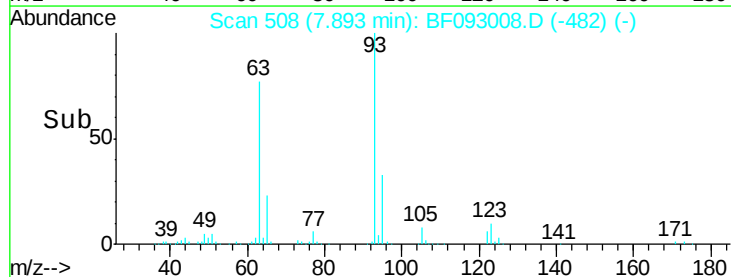
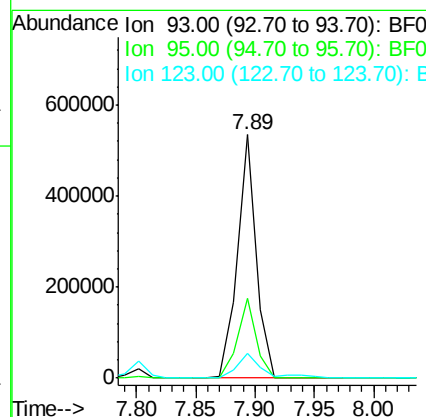
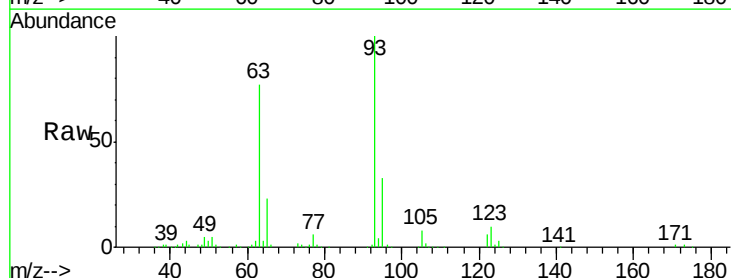
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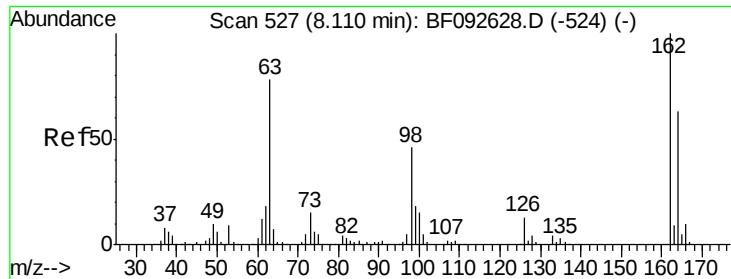
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.61 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	590569		
95	32.7	26.5	39.7	
123	10.3	8.6	13.0	





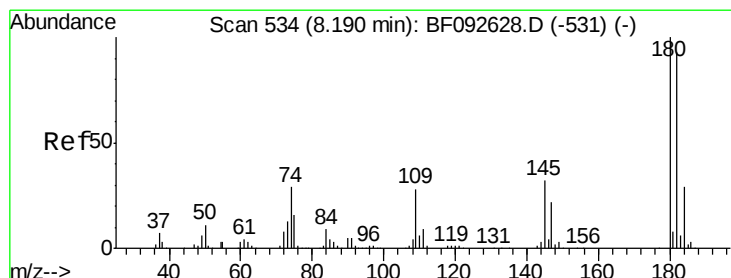
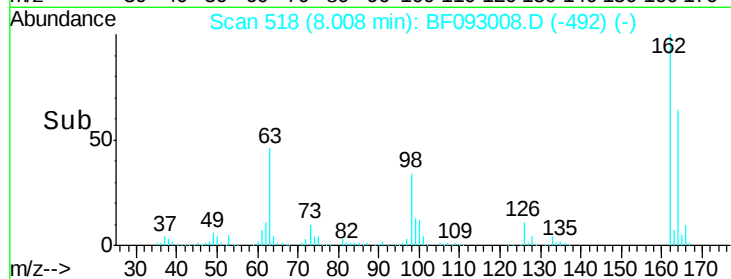
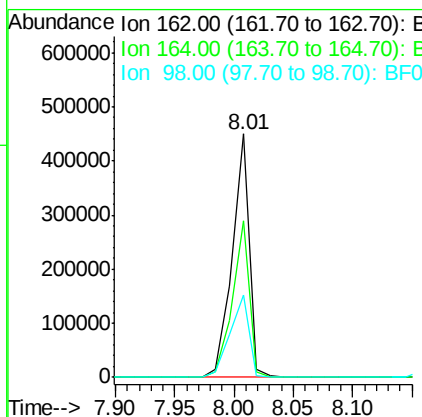
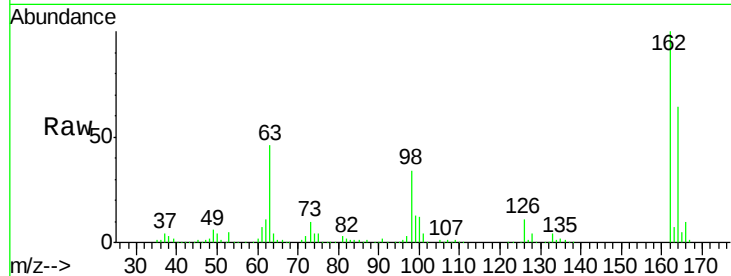
#29
 2,4-Dichlorophenol
 Concen: 44.03 ng
 RT: 8.01 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	447858		
164	64.4	46.8	86.8	
98	33.8	9.1	49.1	

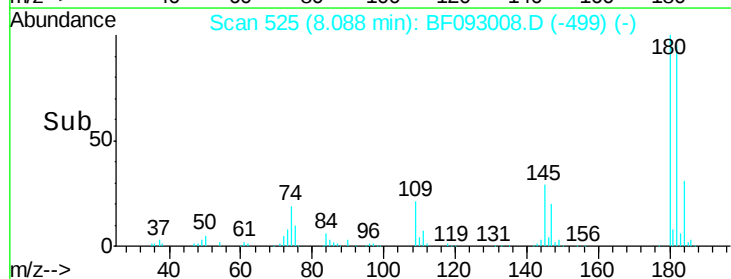
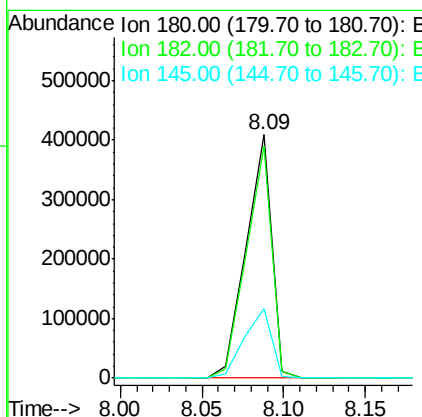
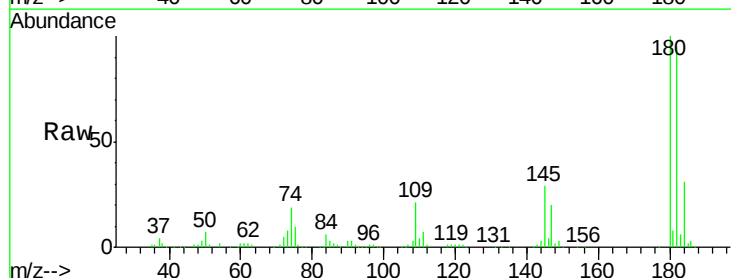
Manual Integrations
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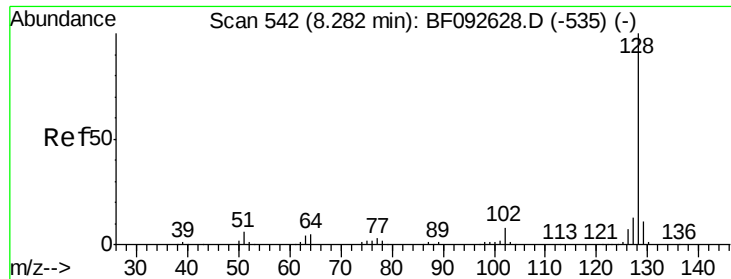
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.56 ng
 RT: 8.09 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	444630		
182	95.1	78.2	117.4	
145	28.6	21.6	32.4	





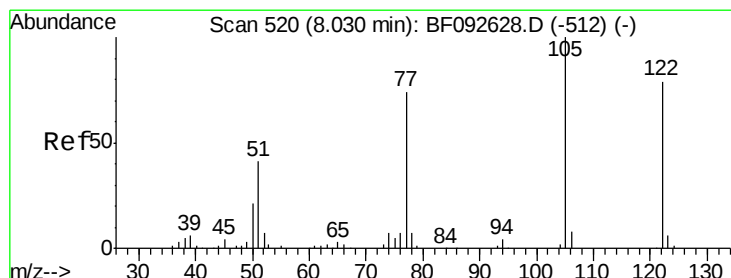
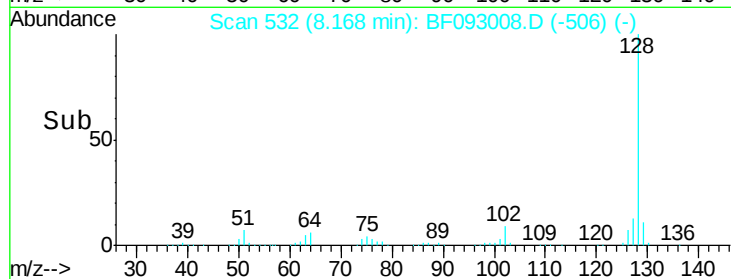
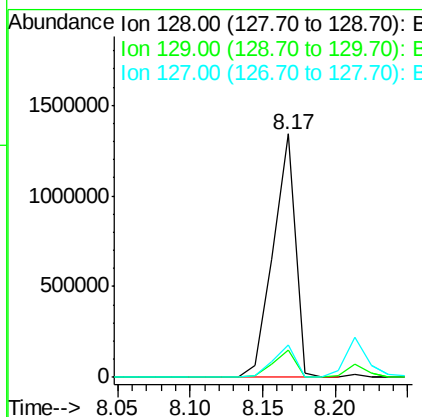
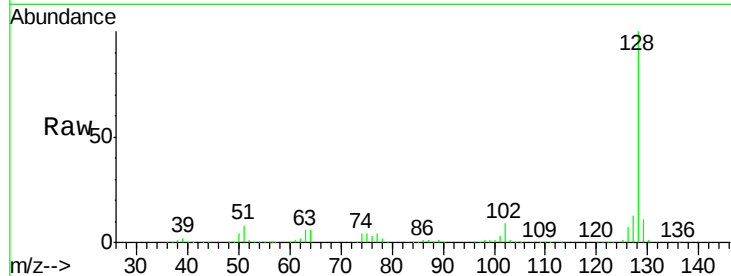
#31
Naphthalene
Concen: 39.81 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion:128 Resp: 1429940
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.5 10.8 16.2

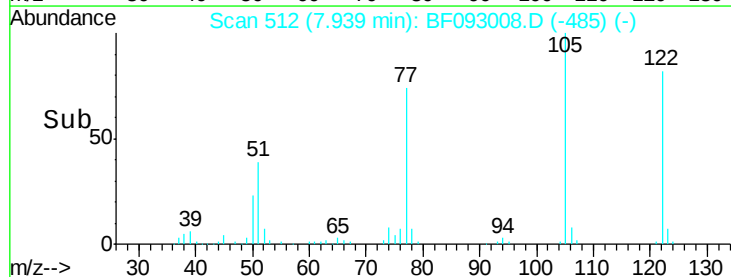
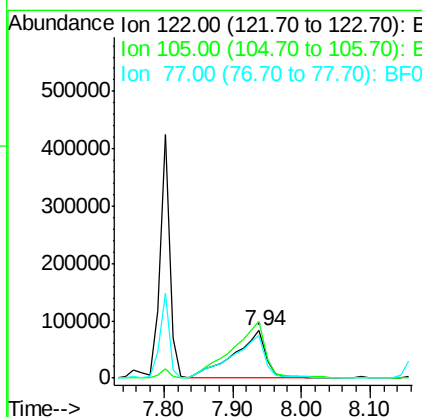
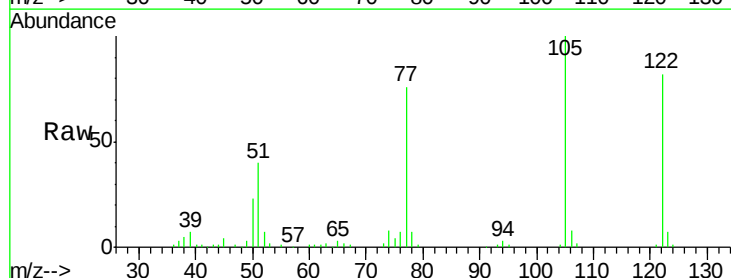
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#32
Benzoic acid
Concen: 44.01 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:122 Resp: 267650
Ion Ratio Lower Upper
122 100
105 121.3 107.2 147.2
77 91.6 74.5 114.5





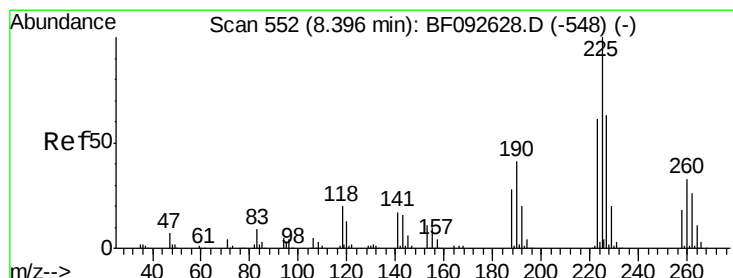
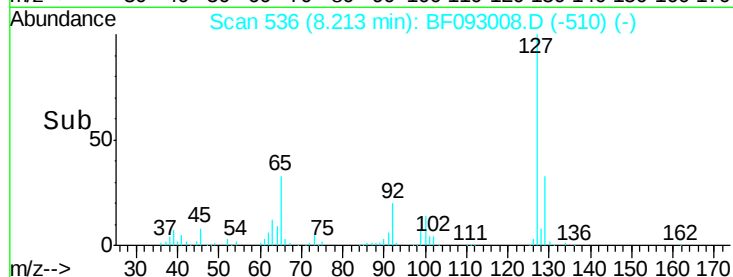
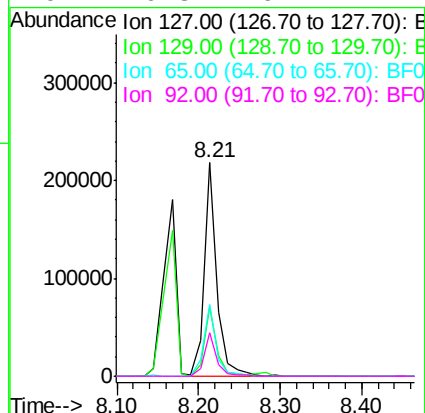
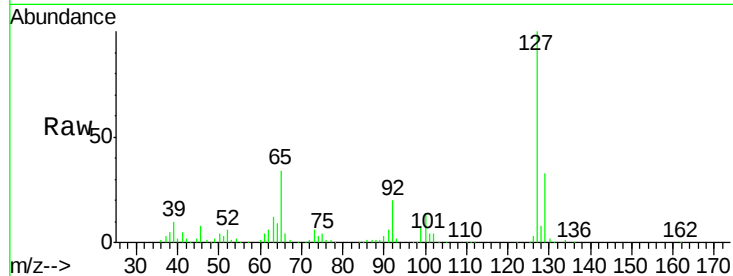
#33
4-Chloroaniline
Concen: 17.01 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	239621		
129	32.5	26.3	39.5	
65	33.8	25.8	38.8	
92	20.3	16.1	24.1	

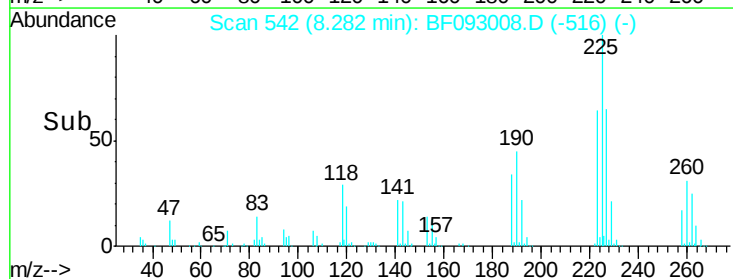
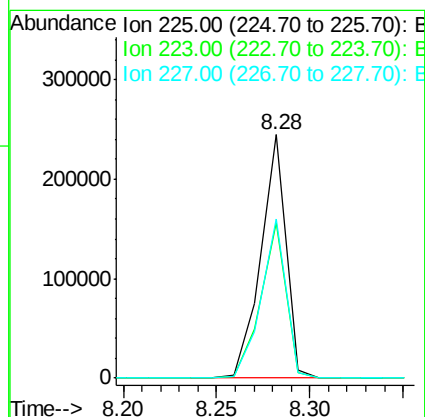
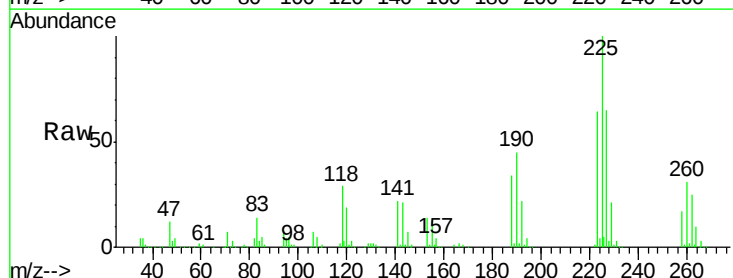
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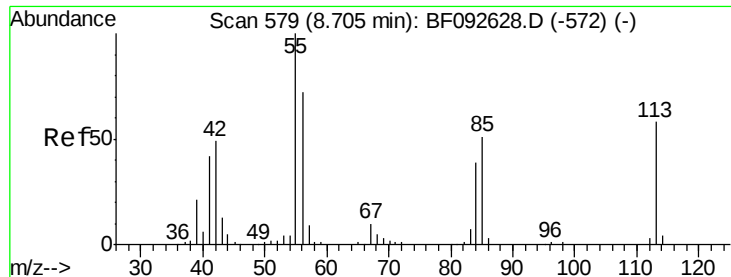
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#34
Hexachlorobutadiene
Concen: 37.71 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	227438		
223	63.7	51.0	76.6	
227	65.1	50.6	76.0	





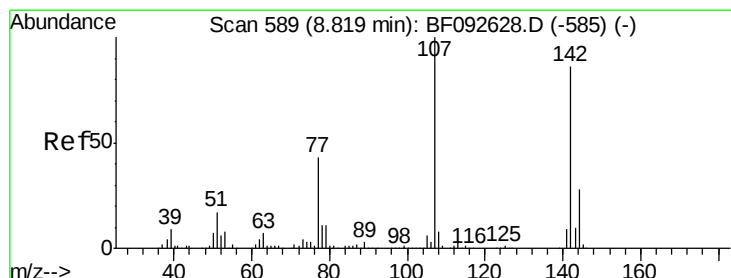
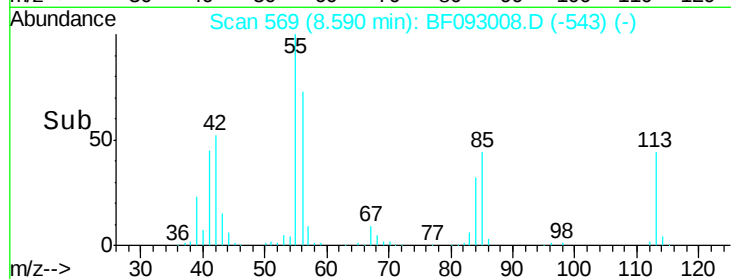
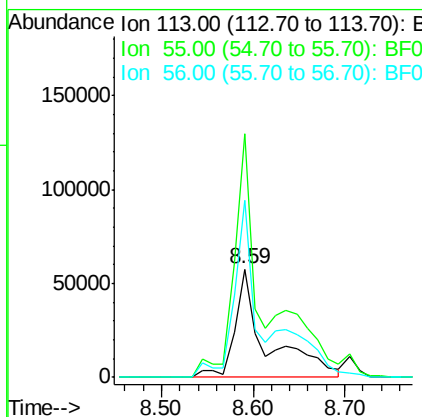
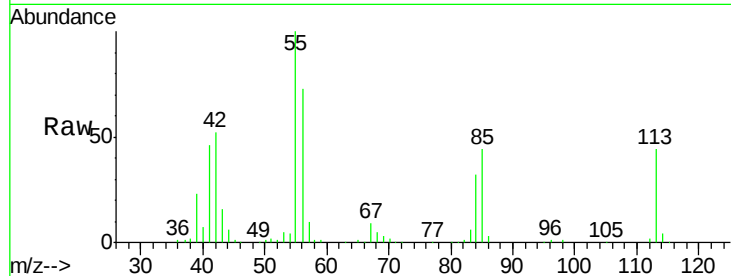
#35
 Caprolactam
 Concen: 43.64 ng m
 RT: 8.59 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion:113 Resp: 139620
 Ion Ratio Lower Upper
 113 100
 55 225.6 119.2 159.2#
 56 164.0 83.8 123.8#

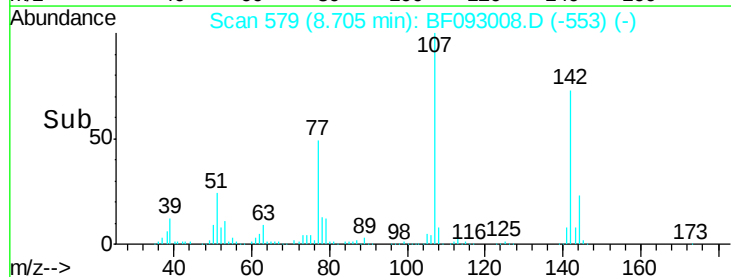
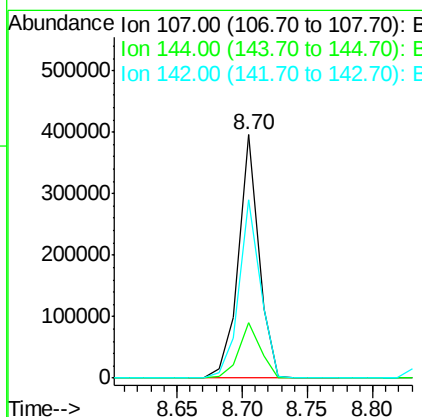
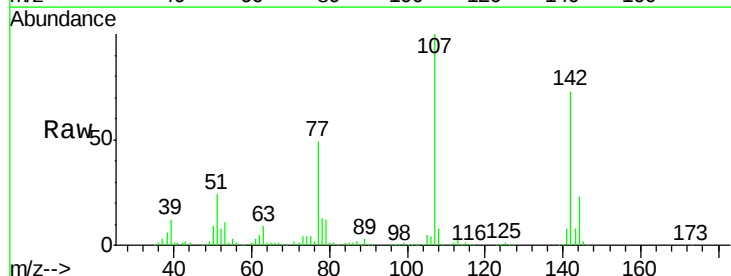
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#36
 4-Chloro-3-methylphenol
 Concen: 40.81 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion:107 Resp: 432775
 Ion Ratio Lower Upper
 107 100
 144 23.0 19.3 28.9
 142 73.3 59.0 88.6





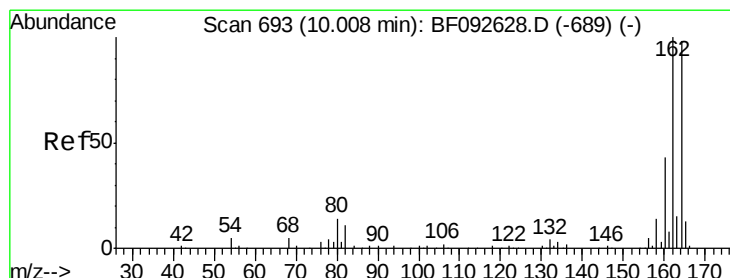
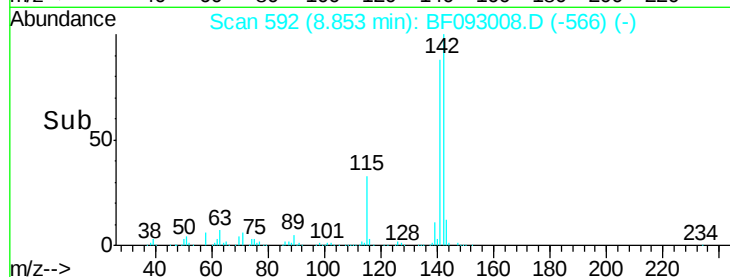
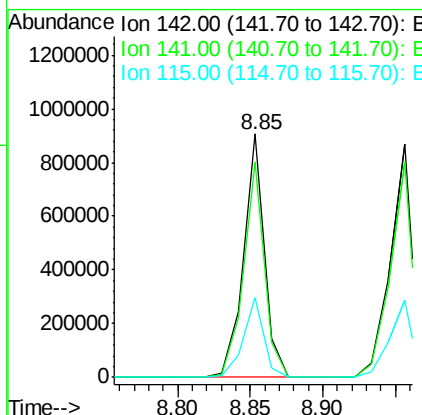
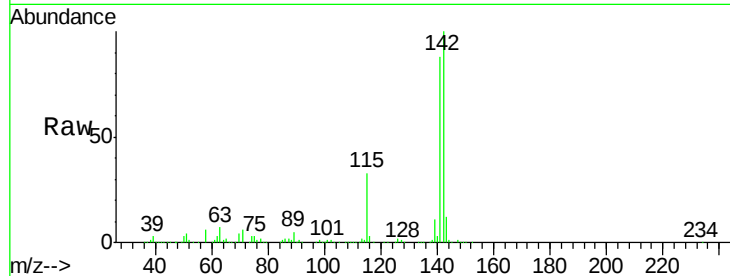
#37
 2-Methylnaphthalene
 Concen: 39.00 ng
 RT: 8.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	899295		
141	88.4	71.0	106.6	
115	32.7	28.3	42.5	

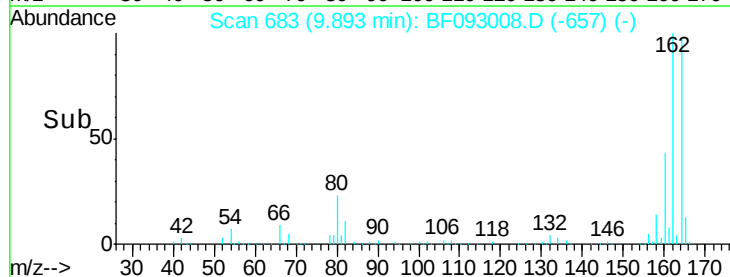
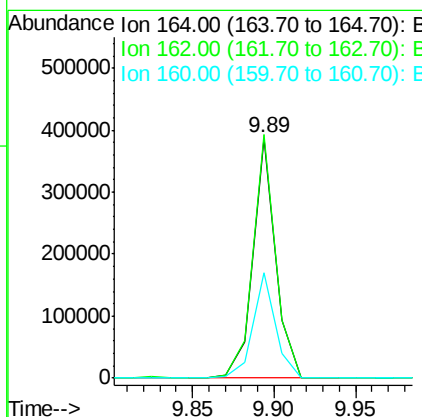
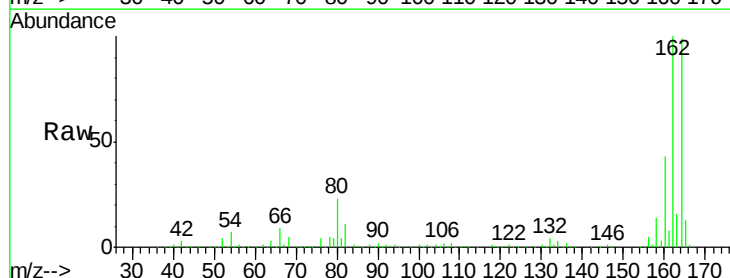
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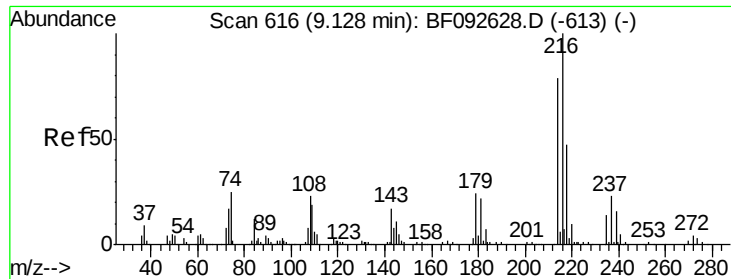
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	373670		
162	101.5	80.2	120.2	
160	43.9	36.9	55.3	





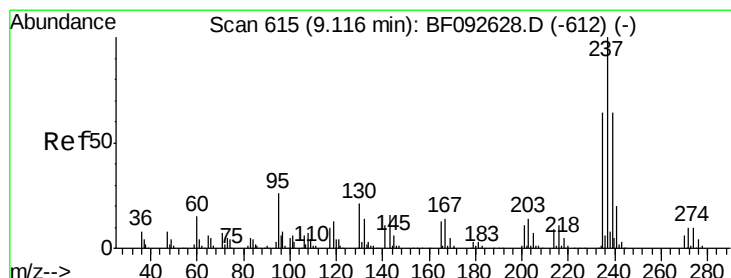
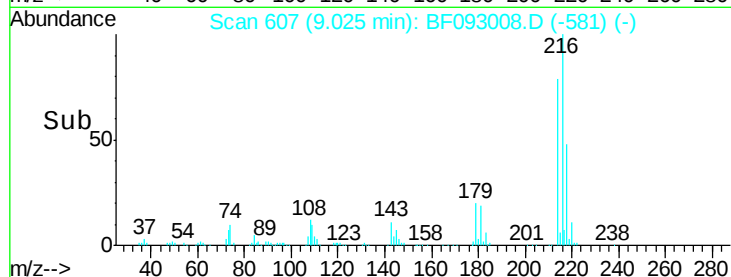
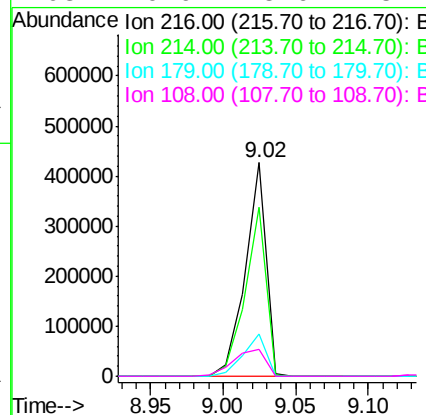
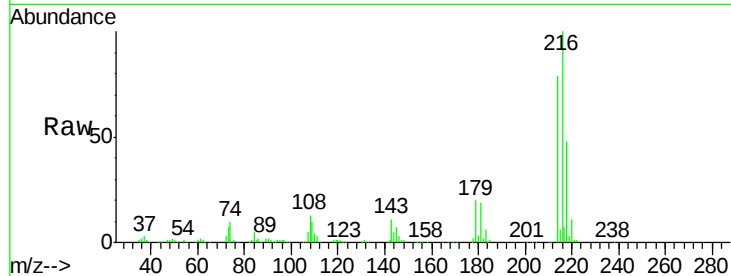
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.65 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion:	216	Resp:	426390
Ion Ratio		Lower	Upper
216	100		
214	79.5	63.4	95.0
179	21.4	17.4	26.2
108	19.9	15.6	23.4

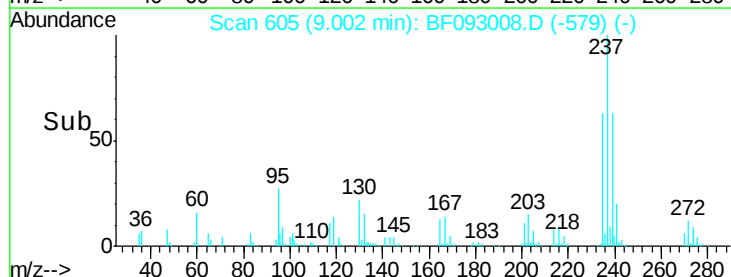
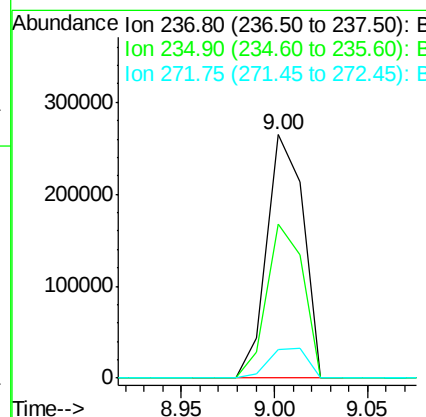
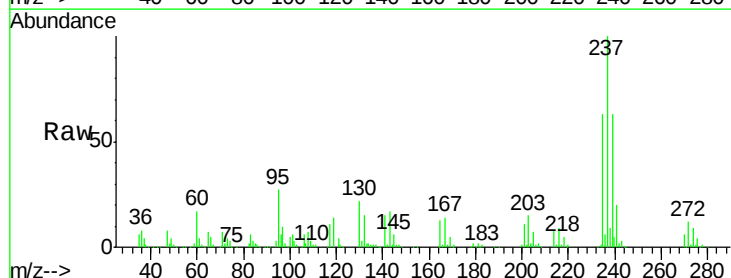
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#40
 Hexachlorocyclopentadiene
 Concen: 75.90 ng
 RT: 9.00 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion:	237	Resp:	359176
Ion Ratio		Lower	Upper
237	100		
235	63.2	41.2	81.2
272	11.6	0.0	35.4





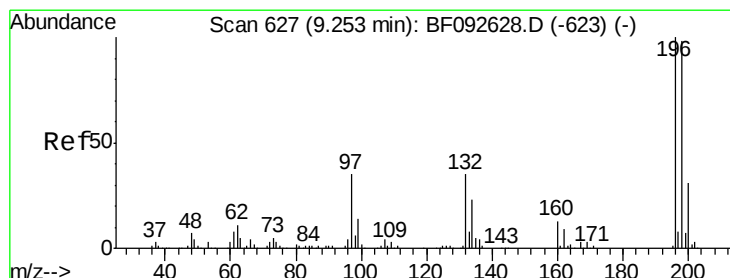
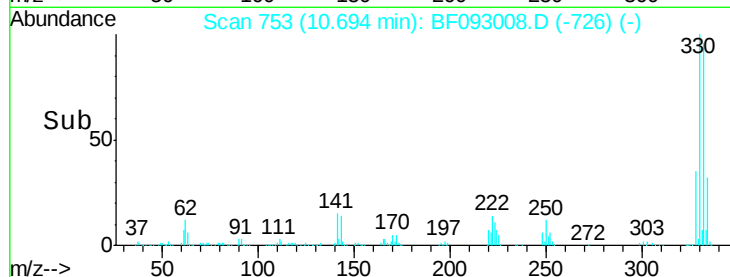
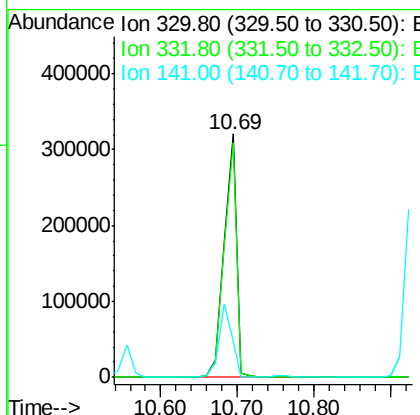
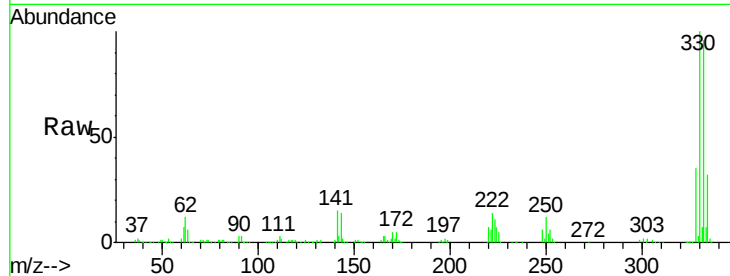
#41
 2,4,6-Tribromophenol
 Concen: 136.30 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	368354		
332	96.0	77.4	116.2	
141	31.5	34.1	51.1#	

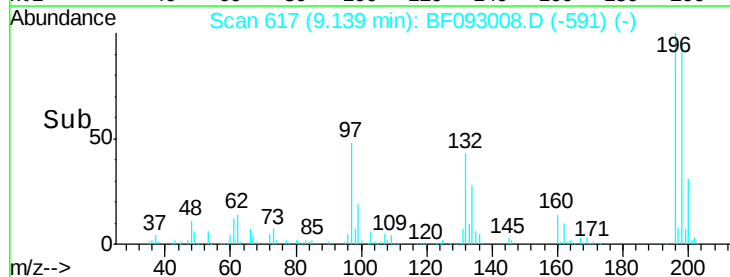
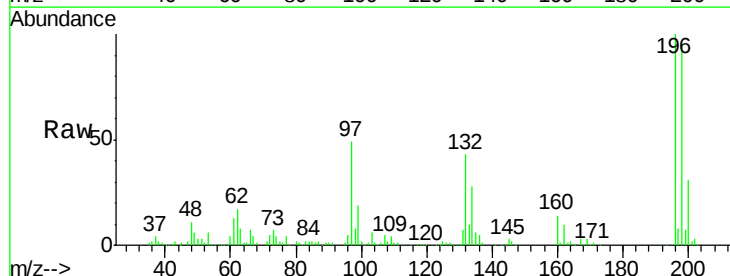
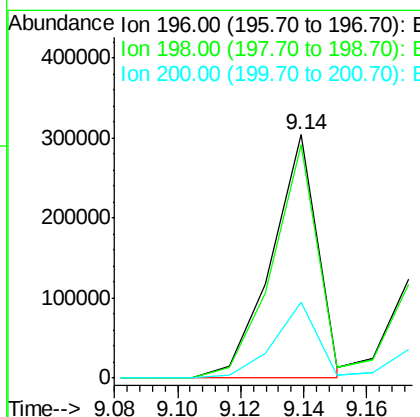
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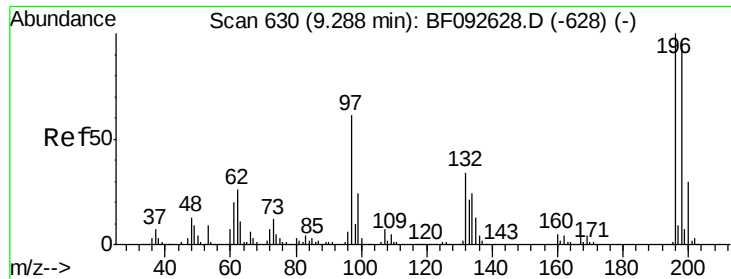
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#42
 2,4,6-Trichlorophenol
 Concen: 44.76 ng m
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	308473		
198	95.9	82.1	123.1	
200	31.2	27.0	40.4	





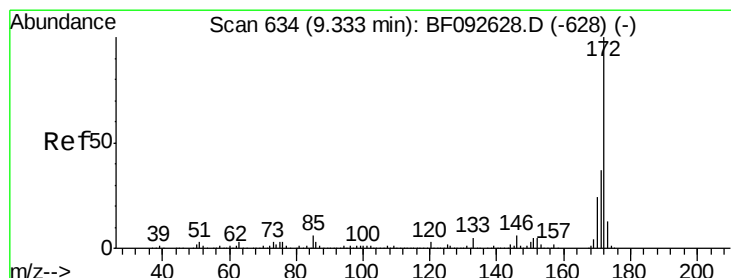
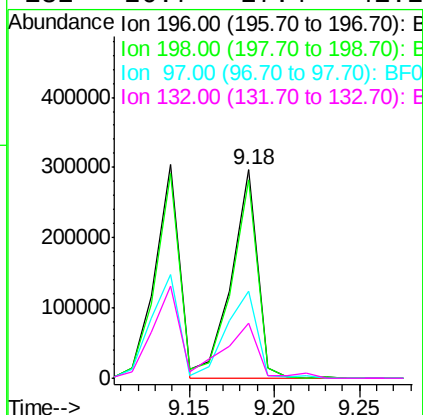
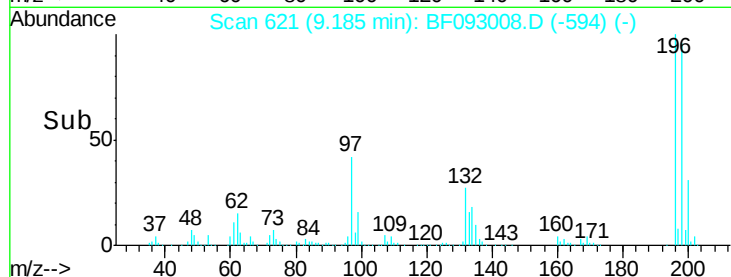
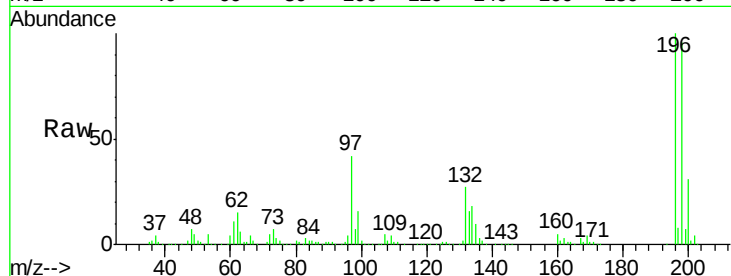
#43
 2,4,5-Trichlorophenol
 Concen: 42.12 ng m
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	318064		
198	95.5	79.4	119.2	
97	41.8	51.5	77.3	
132	26.7	27.4	41.2	

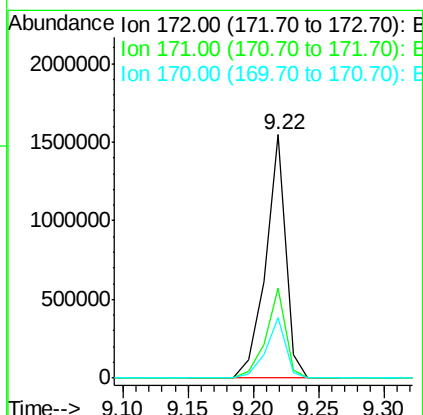
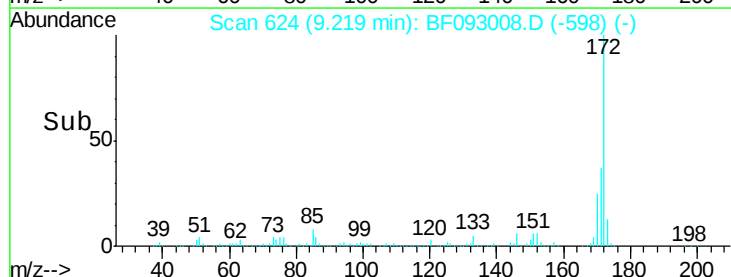
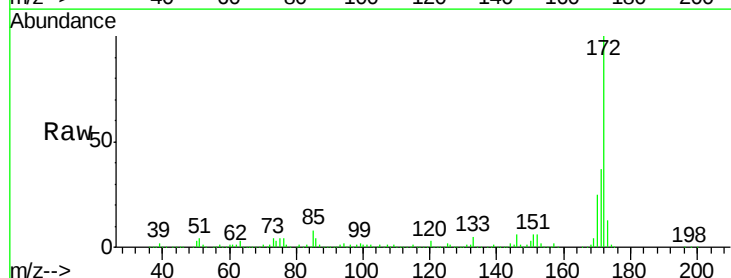
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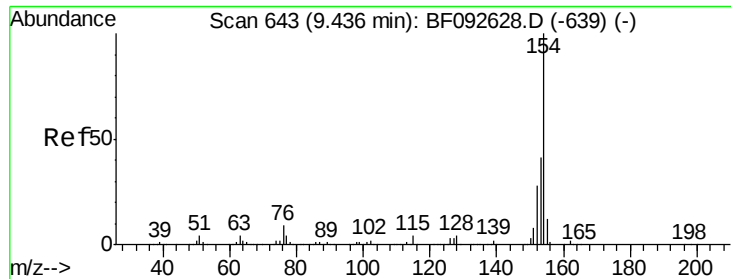
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#44
 2-Fluorobiphenyl
 Concen: 80.81 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1666710		
171	36.7	29.4	44.0	
170	24.6	20.2	30.4	





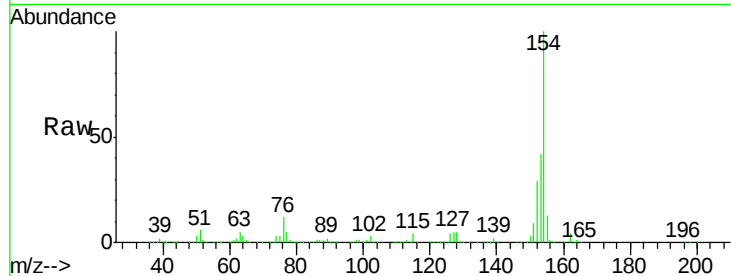
#45
 1,1'-Biphenyl
 Concen: 42.46 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleID :
 PB97012BSD

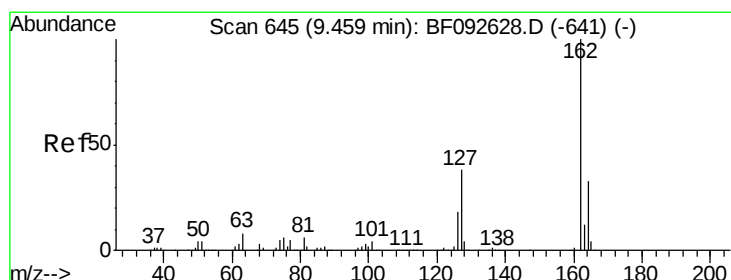
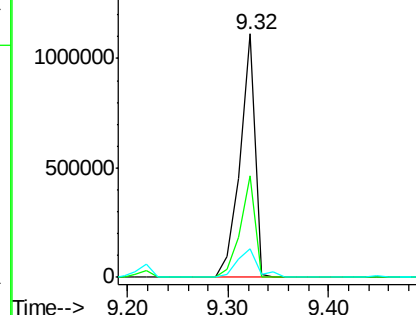
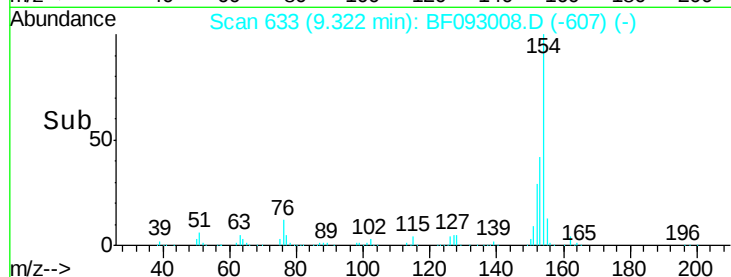
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.9	60.9
76	11.7	0.0	30.5

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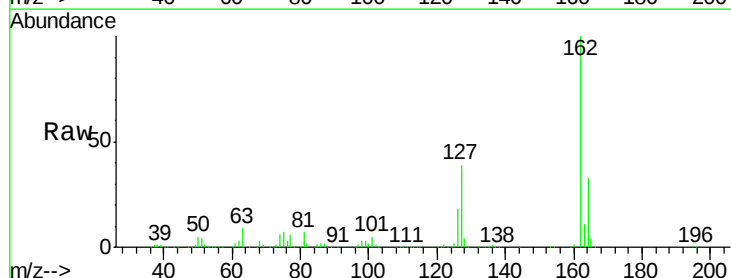


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

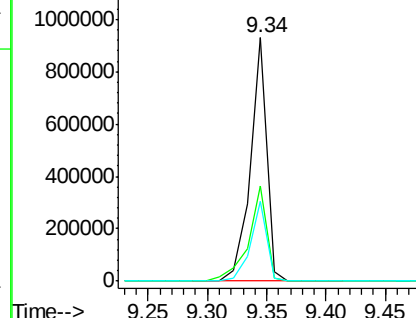
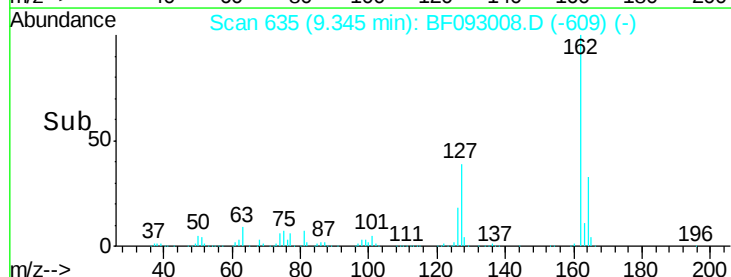


#46
 2-Chloronaphthalene
 Concen: 42.42 ng
 RT: 9.34 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.7	46.1
164	33.0	27.6	41.4



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





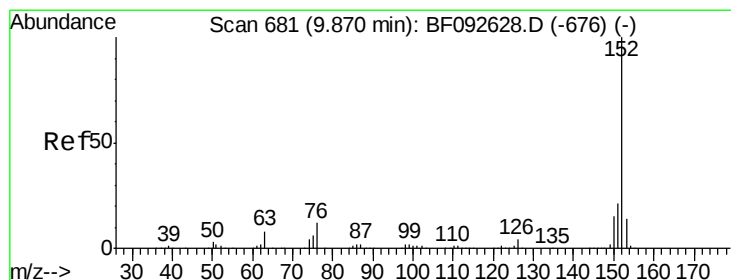
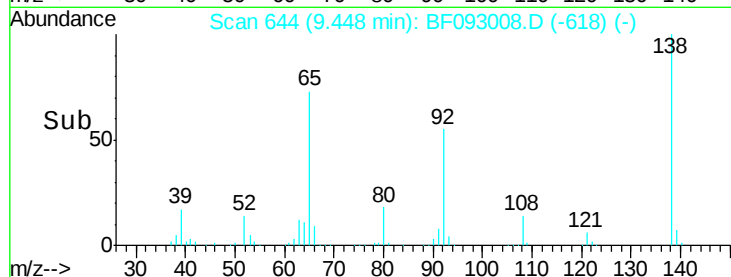
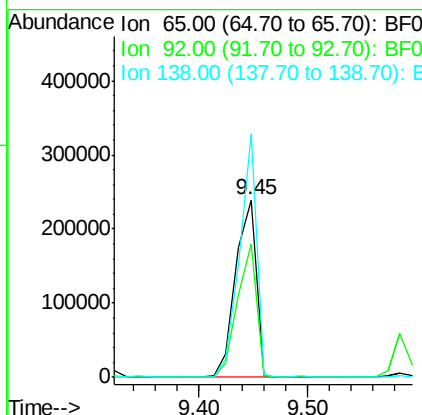
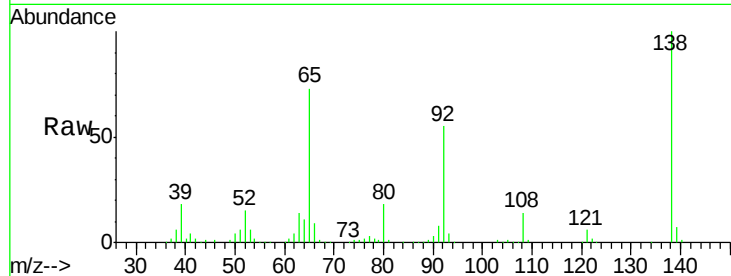
#47
2-Nitroaniline
Concen: 43.55 ng
RT: 9.45 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion: 65 Resp: 309906
Ion Ratio Lower Upper
65 100
92 75.2 53.9 80.9
138 137.1 76.8 115.2#

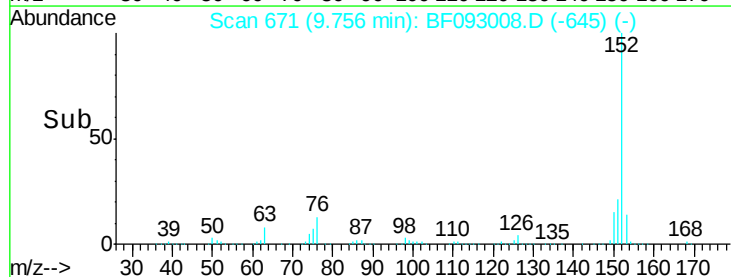
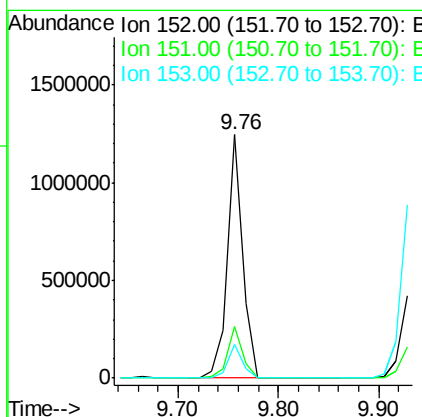
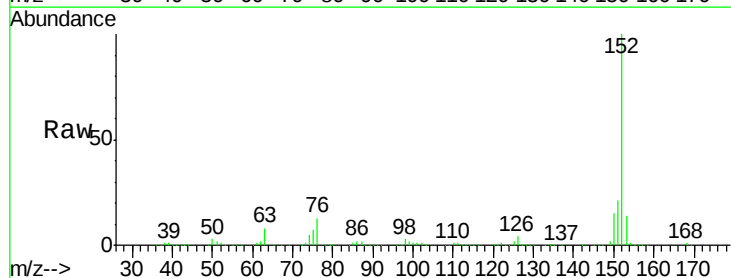
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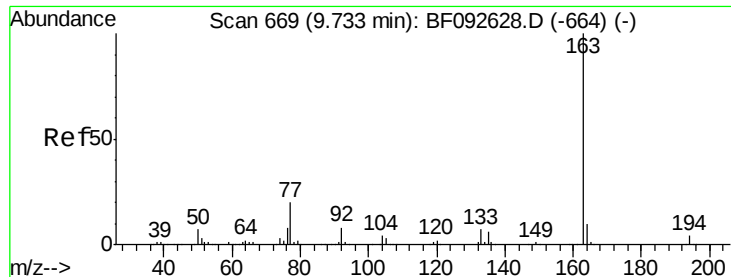
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#48
Acenaphthylene
Concen: 35.92 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion: 152 Resp: 1313504
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3
153 13.7 11.4 17.2





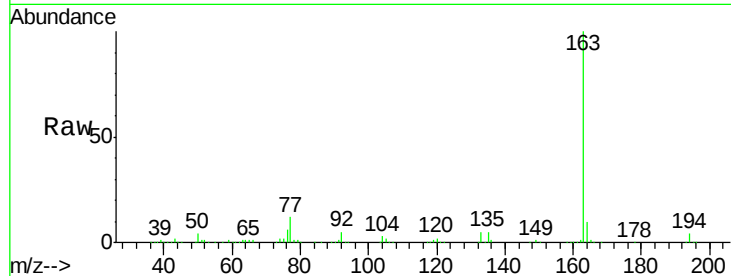
#49
Dimethylphthalate
Concen: 42.04 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

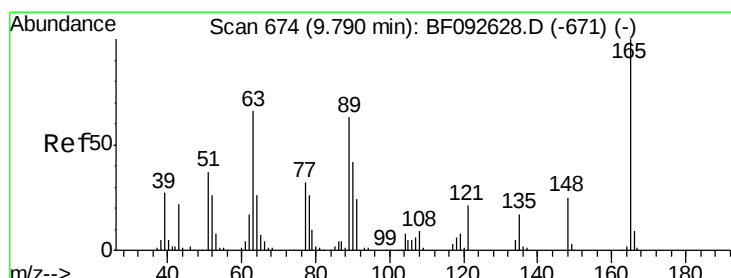
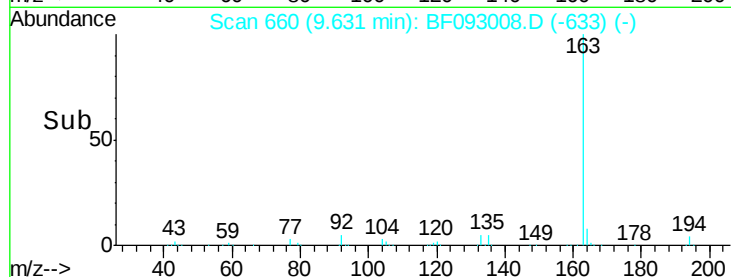
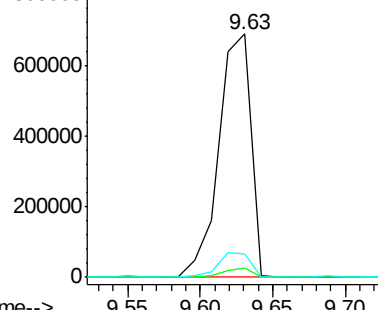
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.6	8.0	12.0

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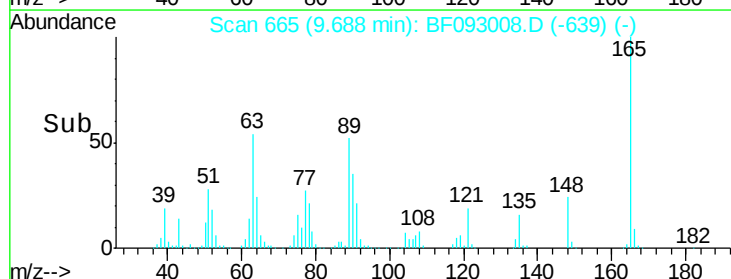
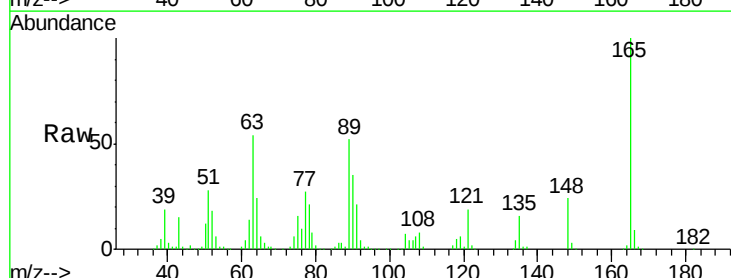
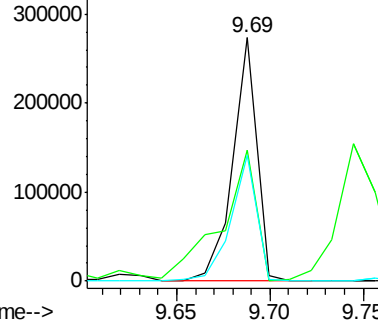
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

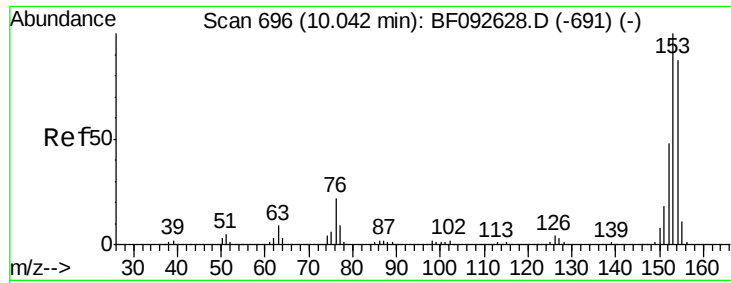


#50
2,6-Dinitrotoluene
Concen: 44.94 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.6	36.2	54.4
89	51.6	40.2	60.4

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





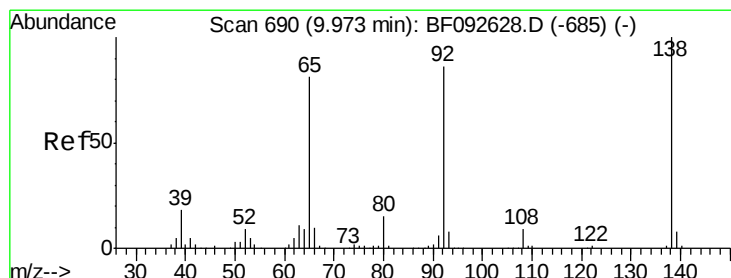
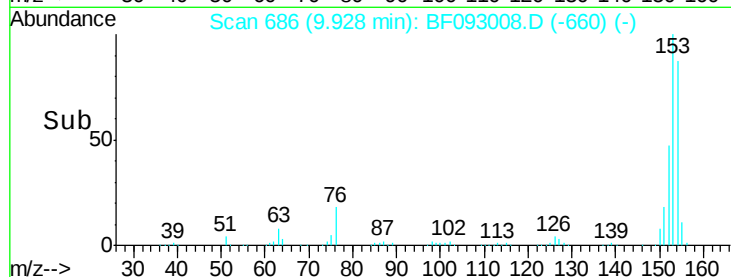
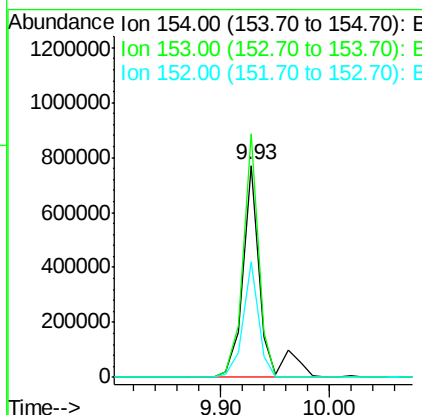
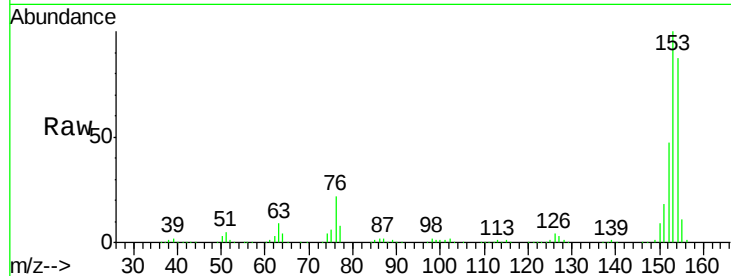
#51
Acenaphthene
Concen: 40.12 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	877054		
153	115.0	88.6	133.0	
152	54.4	41.6	62.4	

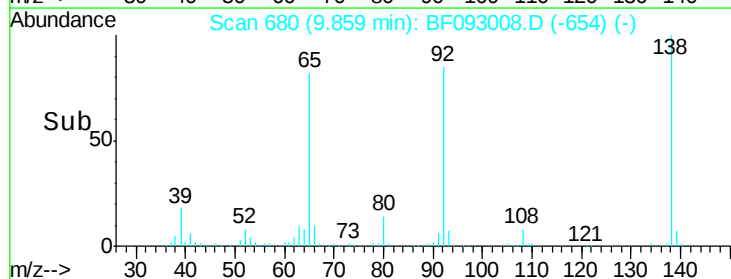
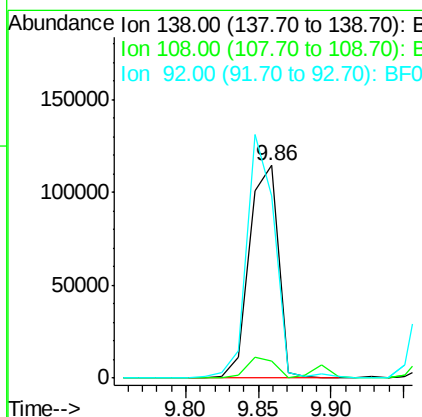
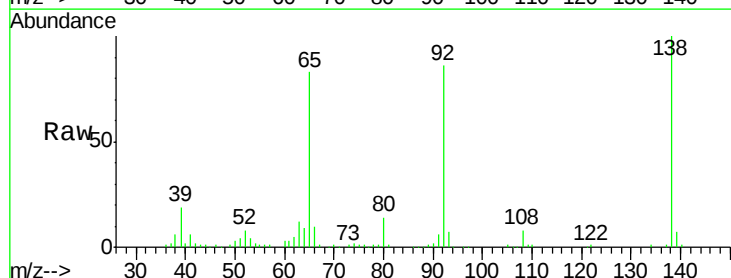
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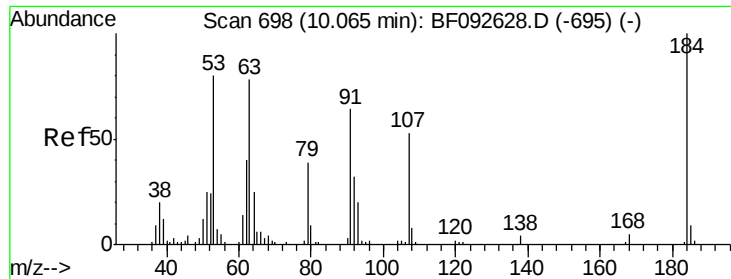
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#52
3-Nitroaniline
Concen: 25.57 ng
RT: 9.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

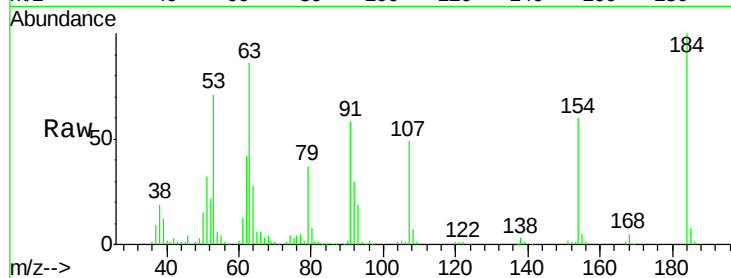
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	159084		
108	8.3	8.5	12.7#	
92	85.9	97.8	146.8#	





#53
2,4-Dinitrophenol
Concen: 79.25 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

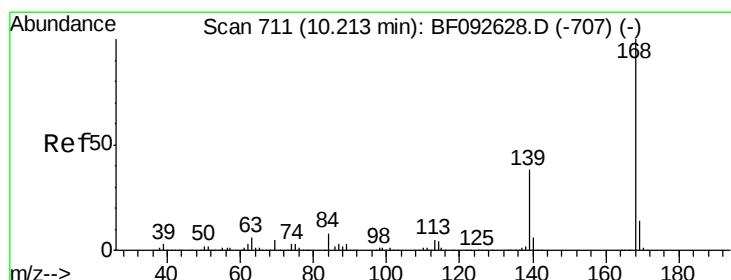
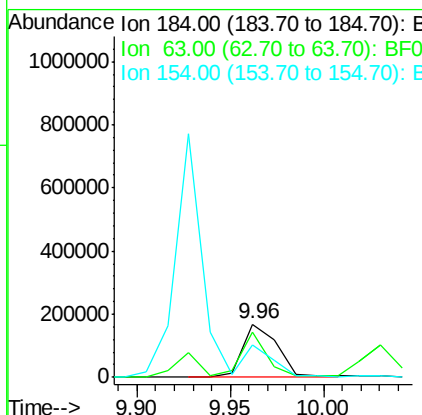
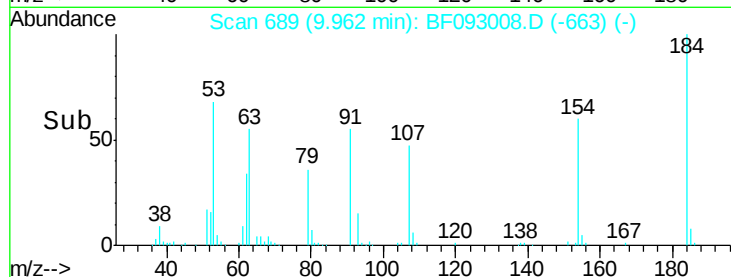
Instrument :
BNA_F
ClientSampleId :
PB97012BSD



Tgt Ion:184 Resp: 219008
Ion Ratio Lower Upper
184 100
63 86.0 28.4 42.6#
154 59.7 44.3 66.5

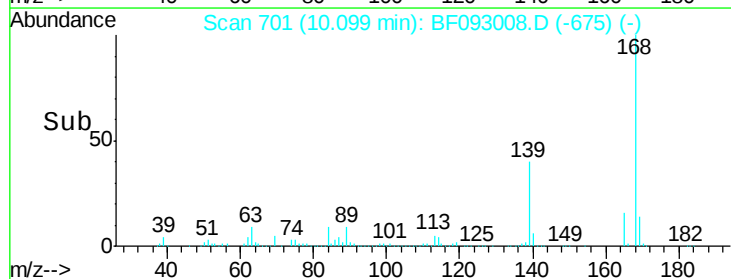
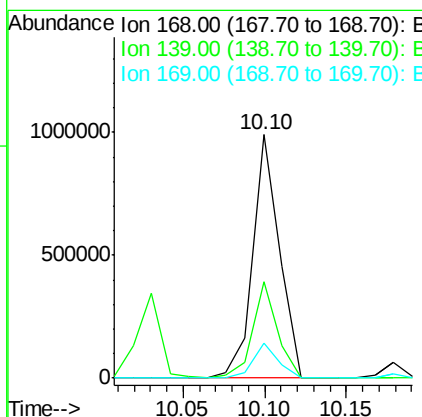
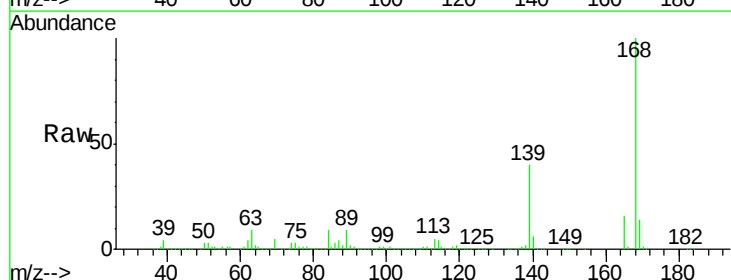
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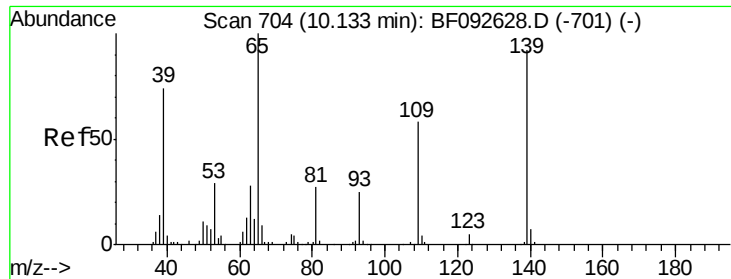
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#54
Dibenzofuran
Concen: 38.23 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:168 Resp: 1117971
Ion Ratio Lower Upper
168 100
139 39.6 32.6 49.0
169 14.1 11.3 16.9





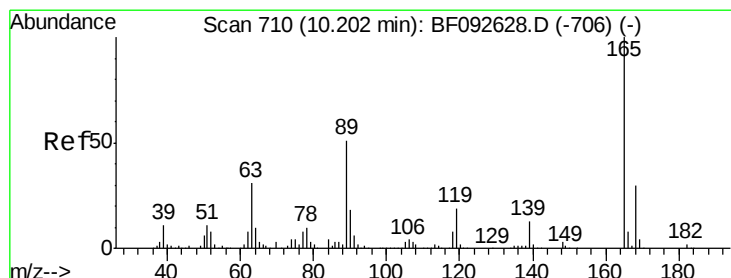
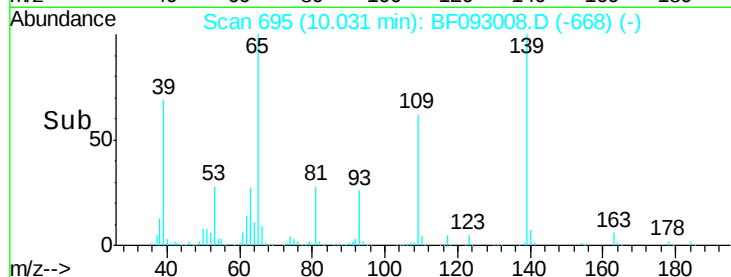
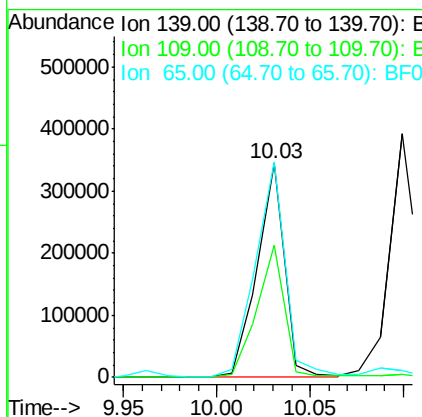
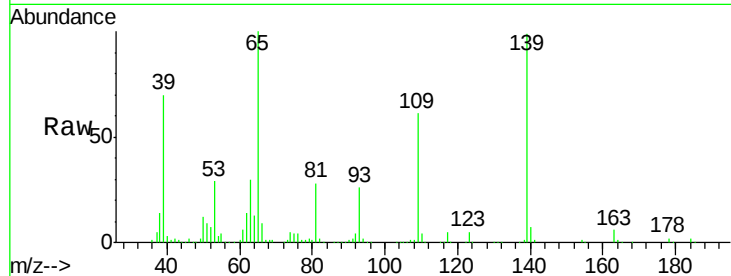
#55
4-Nitrophenol
Concen: 78.39 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	351215		
109	61.9	52.2	92.2	
65	100.6	85.8	125.8	

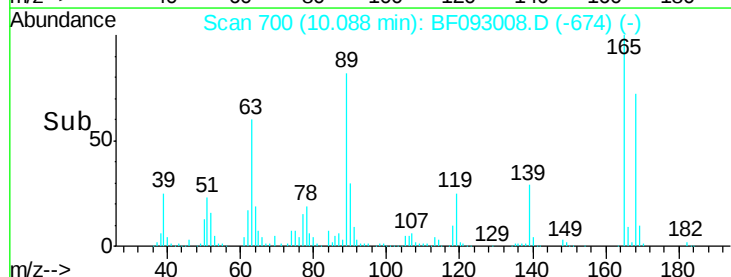
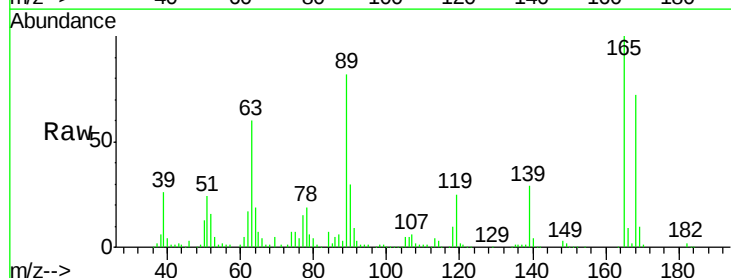
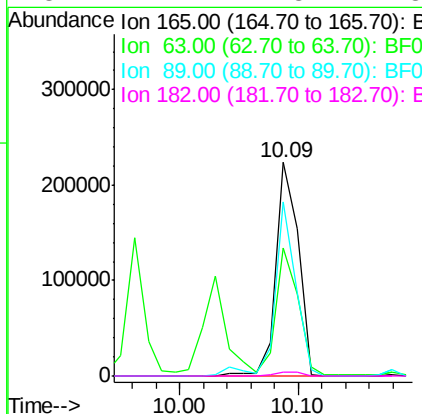
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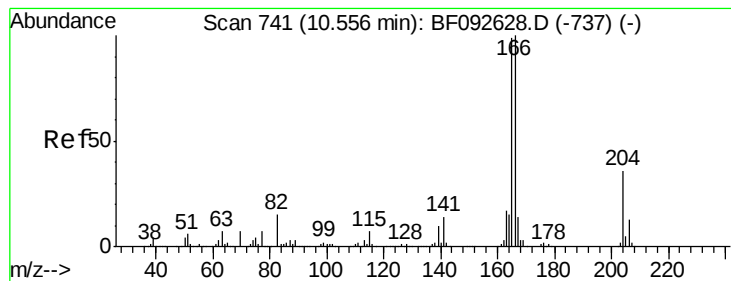
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#56
2,4-Dinitrotoluene
Concen: 39.95 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	289116		
63	59.9	40.2	60.4	
89	81.6	62.5	93.7	
182	2.1	1.8	2.8	





#57

Fluorene

Concen: 38.00 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

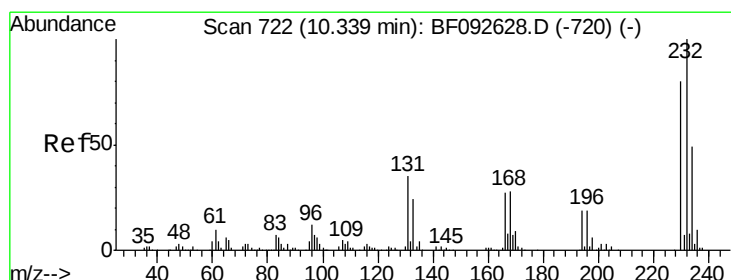
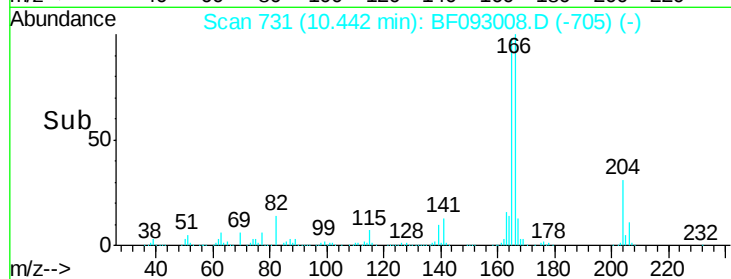
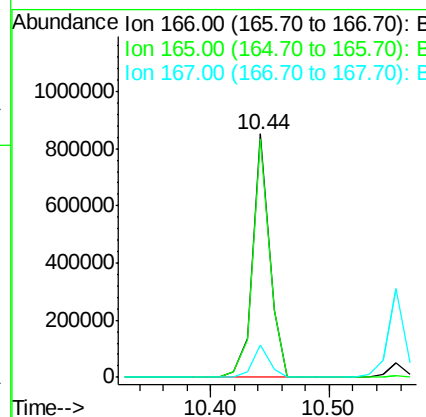
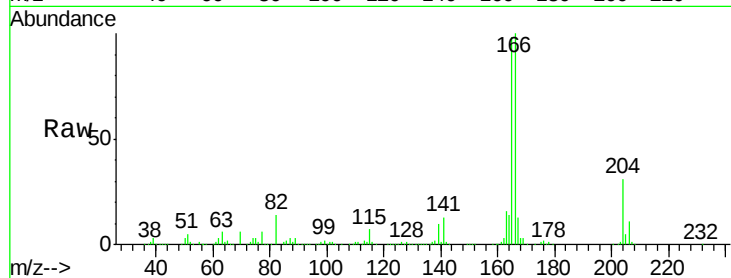
ClientSampleId :

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Tgt Ion:	166	Resp:	854795
Ion Ratio	Lower	Upper	
166	100		
165	98.2	77.8	116.8
167	13.4	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.67 ng

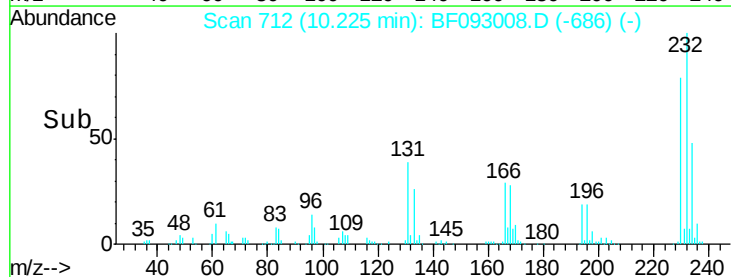
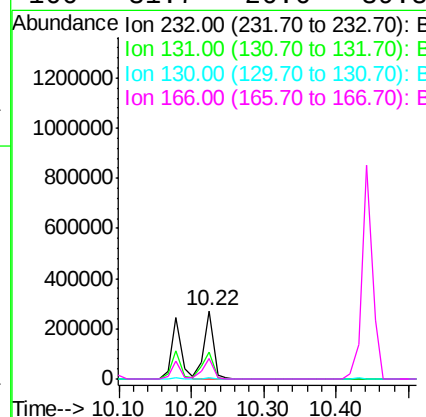
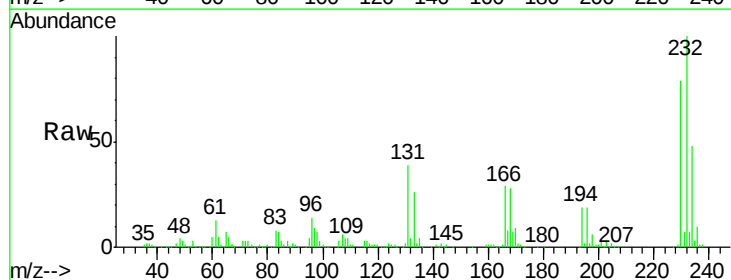
RT: 10.22 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Tgt Ion:	232	Resp:	250239
Ion Ratio	Lower	Upper	
232	100		
131	45.8	40.1	60.1
130	2.0	1.8	2.8
166	31.7	26.6	39.8





#59

Diethylphthalate

Concen: 43.16 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

ClientSampleId :

PB97012BSD

Tgt Ion:149 Resp: 1023614

Ion Ratio Lower Upper

149 100

177 25.2 16.6 25.0#

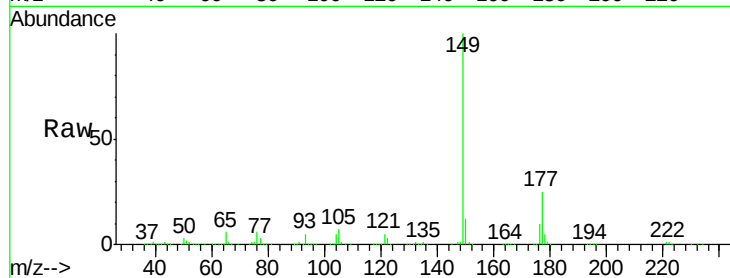
150 12.1 10.4 15.6

Manual Integrations

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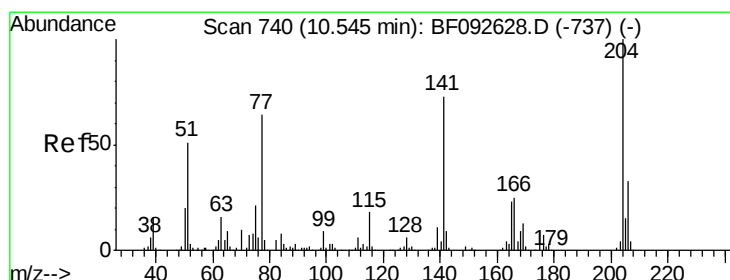
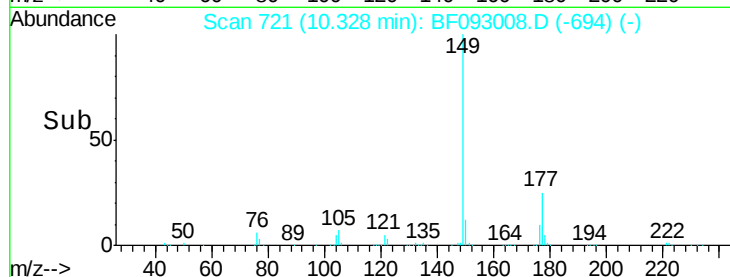
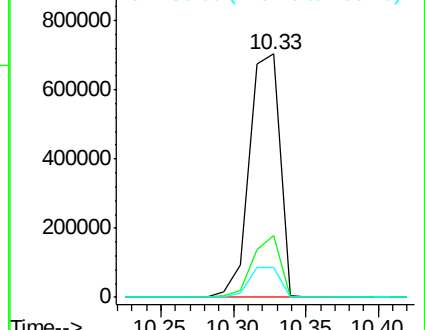
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.58 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

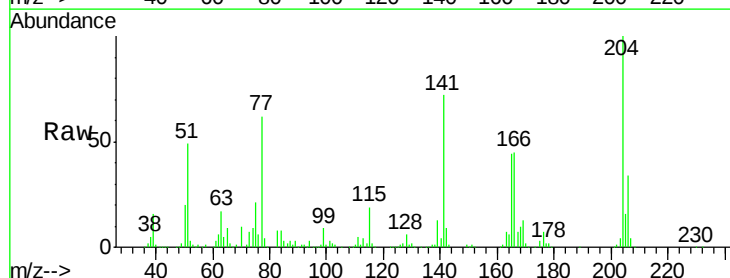
Tgt Ion:204 Resp: 406117

Ion Ratio Lower Upper

204 100

206 34.2 25.8 38.6

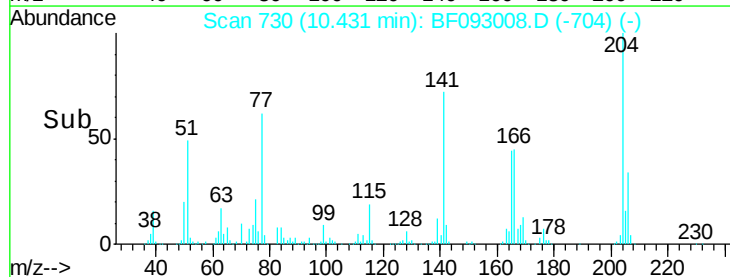
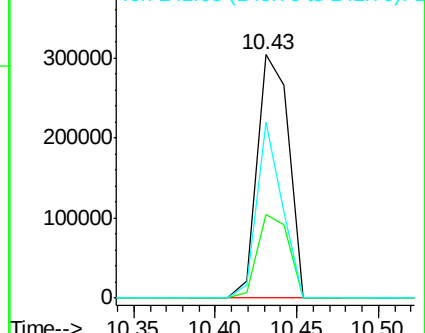
141 72.0 59.4 89.0

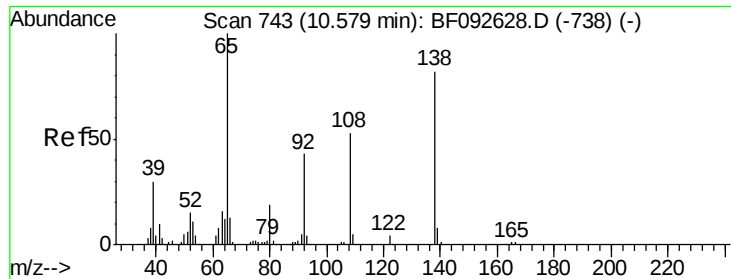


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.10 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

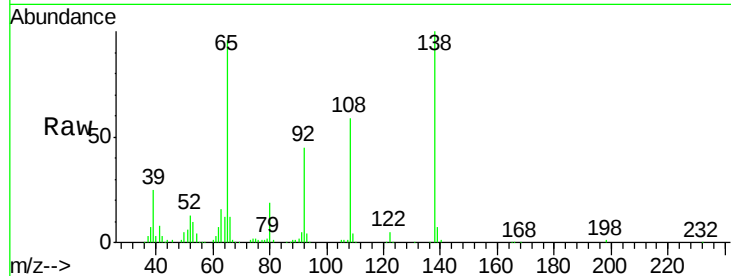
ClientSampleId :

PB97012BSD

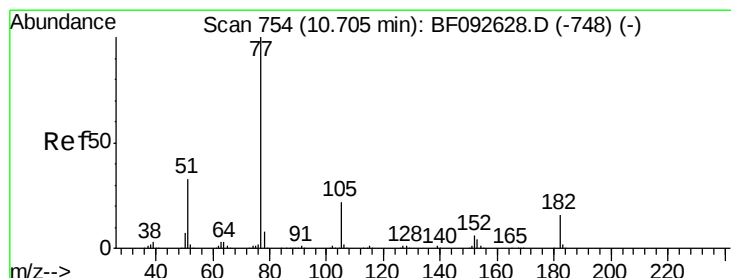
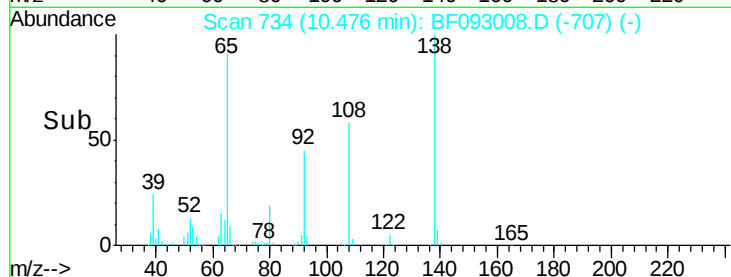
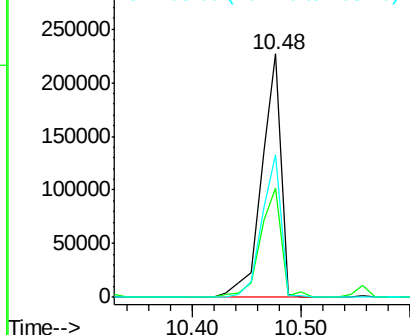
Tgt Ion:	138	Resp:	280958
Ion Ratio	Lower	Upper	
138	100		
92	45.0	31.7	71.7
108	58.8	52.6	92.6

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.28 ng

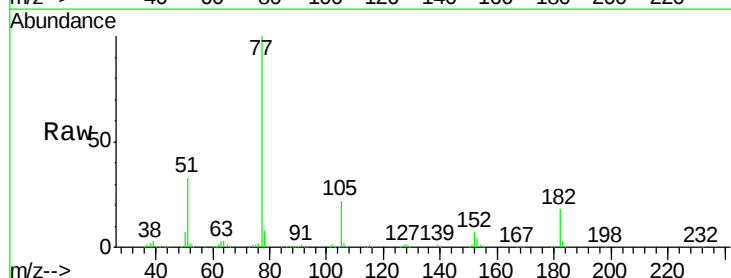
RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

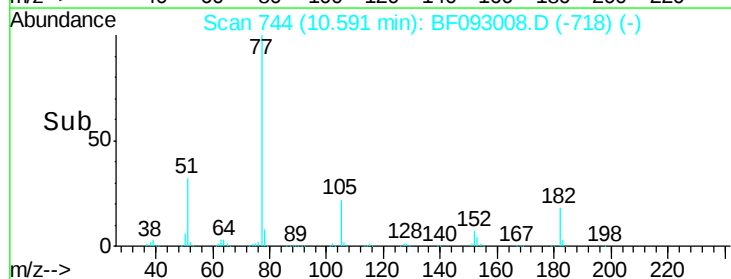
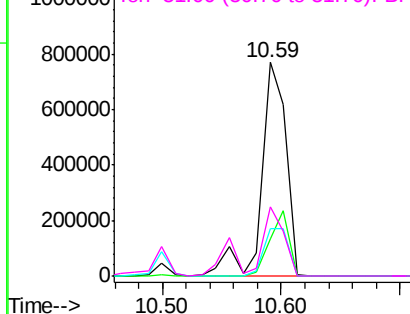
Lab File: BF093008.D

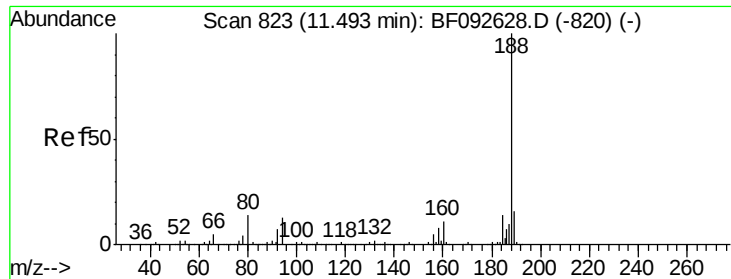
Acq: 17 Feb 2017 14:13

Tgt Ion:	77	Resp:	1109516
Ion Ratio	Lower	Upper	
77	100		
182	17.5	0.0	39.3
105	22.1	2.3	42.3
51	32.5	8.9	48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

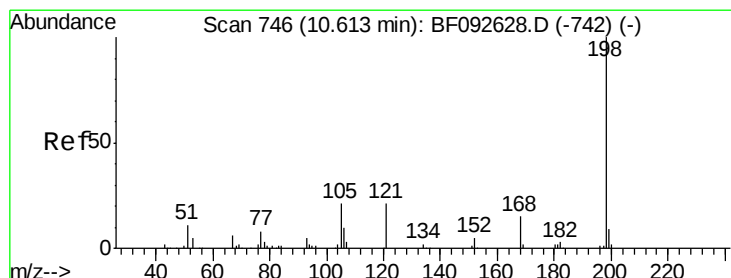
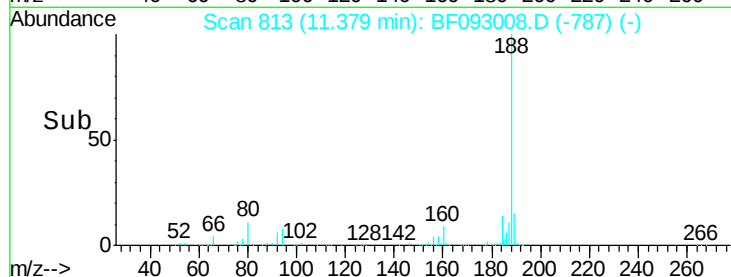
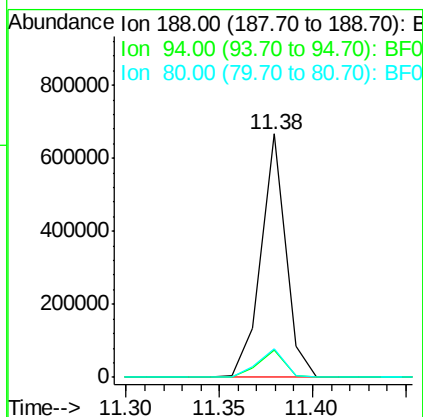
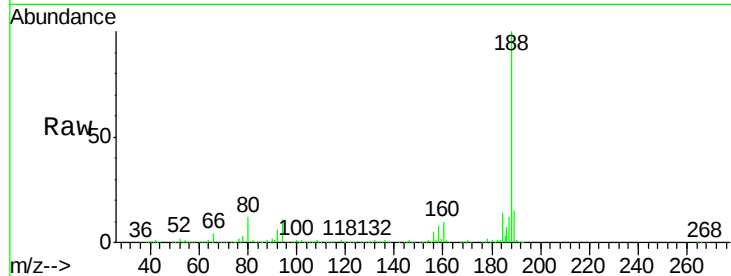
ClientSampleId :

PB97012BSD

Tgt Ion:	188	Resp:	613865
Ion Ratio		Lower	Upper
188	100		
94	11.2	10.0	15.0
80	11.7	11.2	16.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 42.77 ng

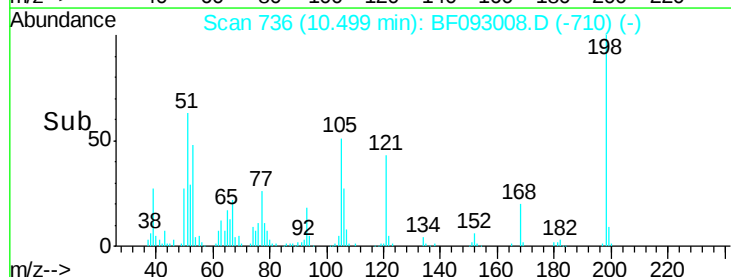
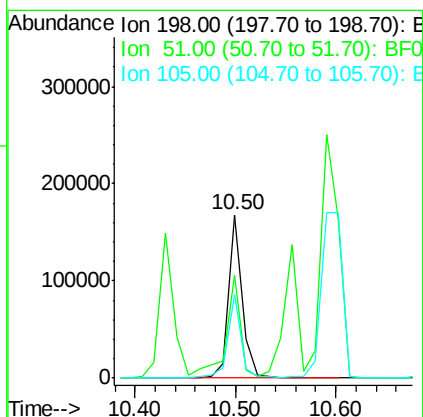
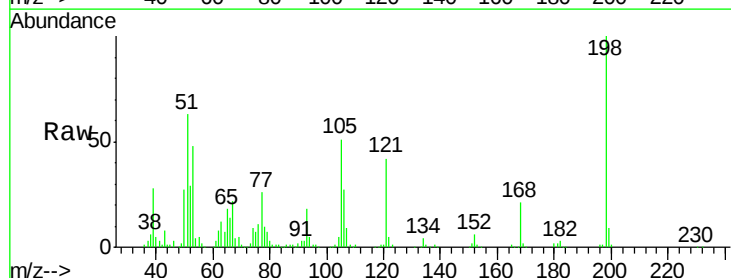
RT: 10.50 min Scan# 736

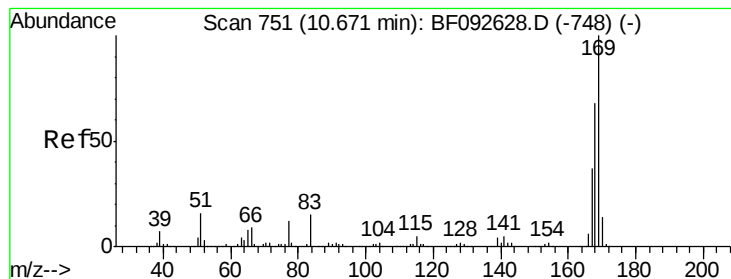
Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Tgt Ion:	198	Resp:	158675
Ion Ratio		Lower	Upper
198	100		
51	62.7	6.7	46.7#
105	51.2	16.6	56.6





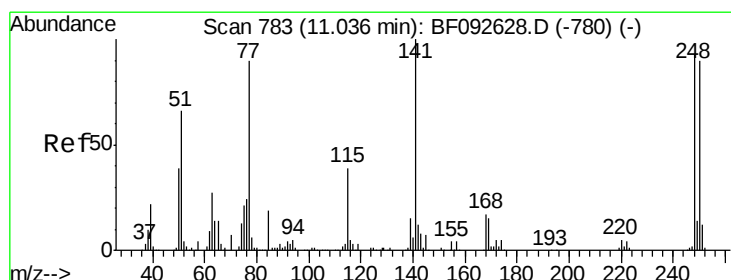
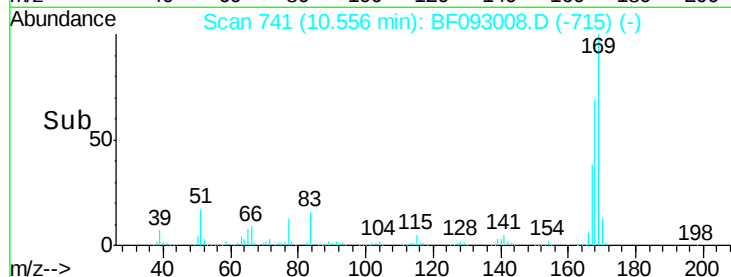
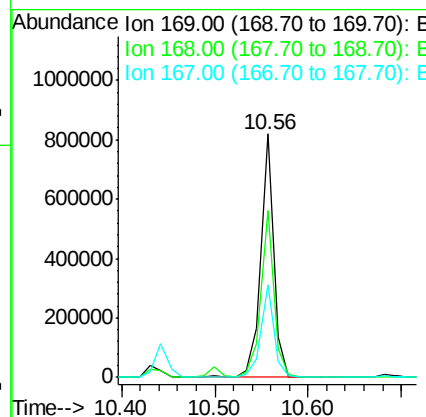
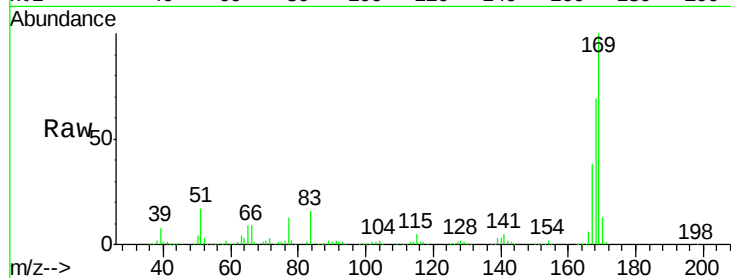
#65
 n-Nitrosodiphenylamine
 Concen: 40.37 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	791672		
168	68.6	54.2	81.2	
167	38.1	30.2	45.4	

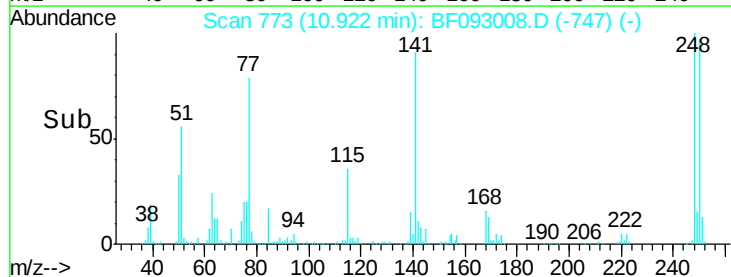
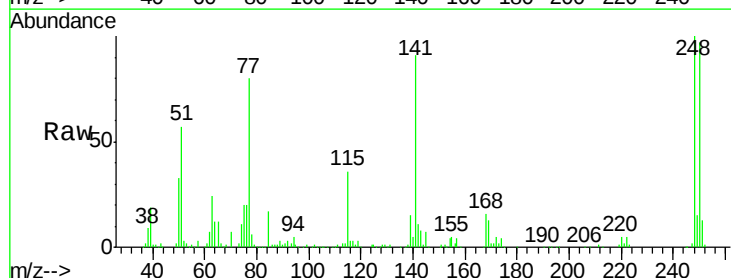
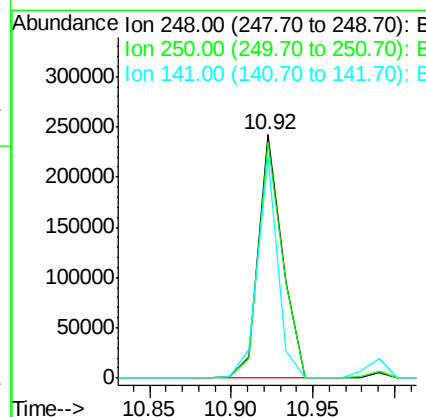
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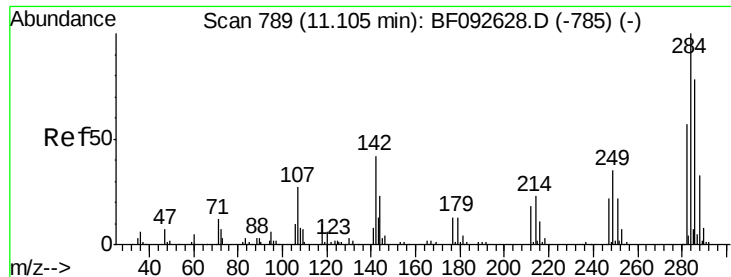
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#66
 4-Bromophenyl-phenylether
 Concen: 38.59 ng
 RT: 10.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	247489		
250	96.7	76.9	115.3	
141	91.1	68.2	102.4	





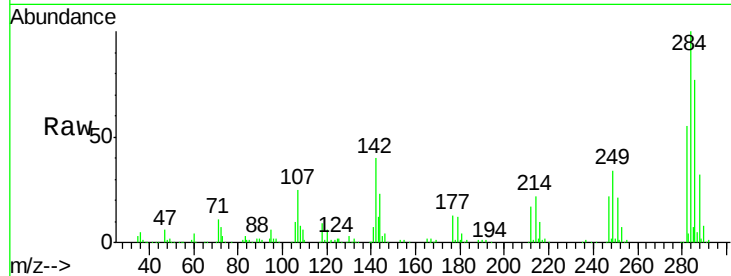
#67
Hexachlorobenzene
Concen: 39.13 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

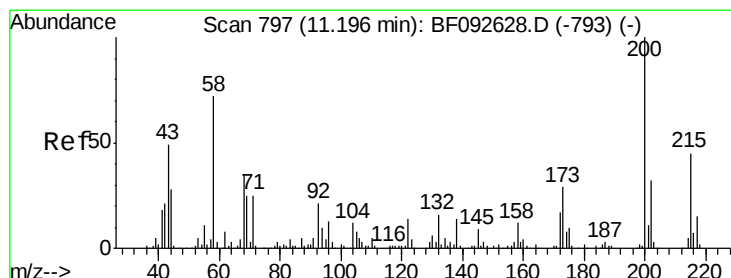
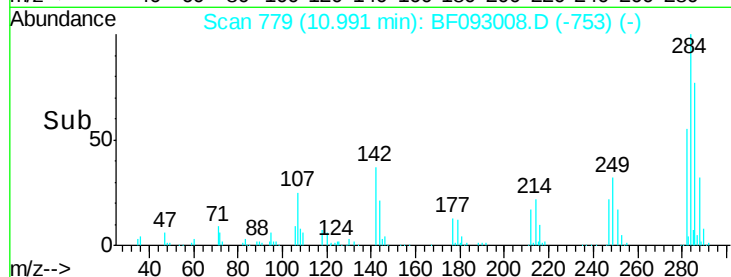
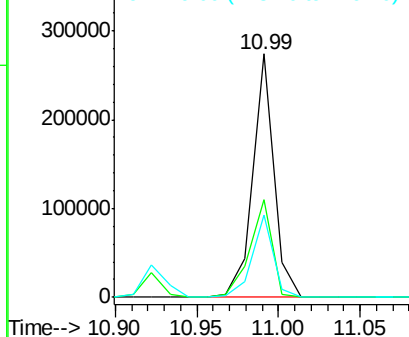
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	40.2	22.6	33.8#
249	34.0	25.4	38.0

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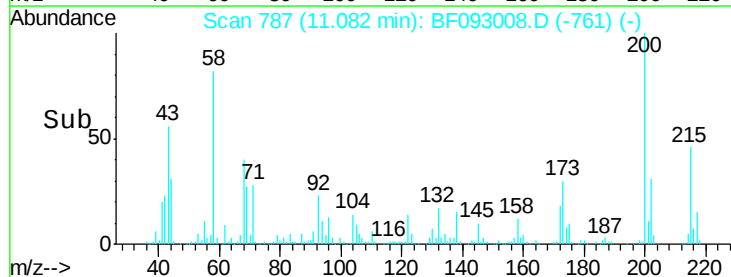
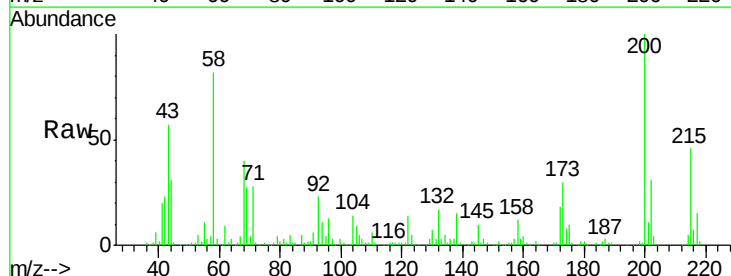
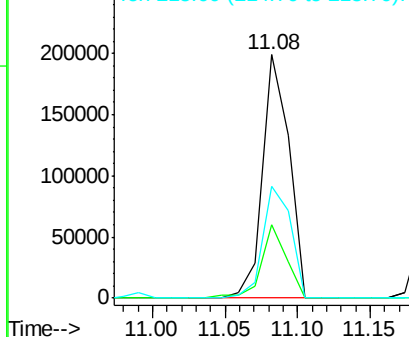
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

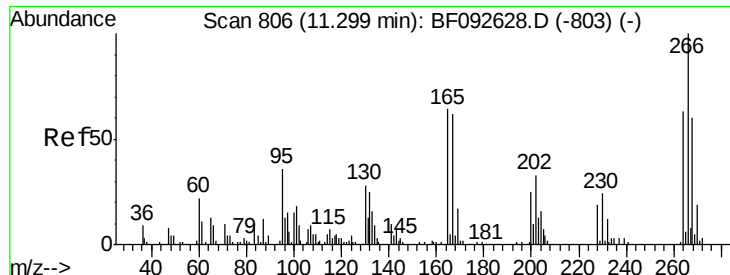


#68
Atrazine
Concen: 40.01 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.2	9.6	49.6
215	46.0	25.7	65.7

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





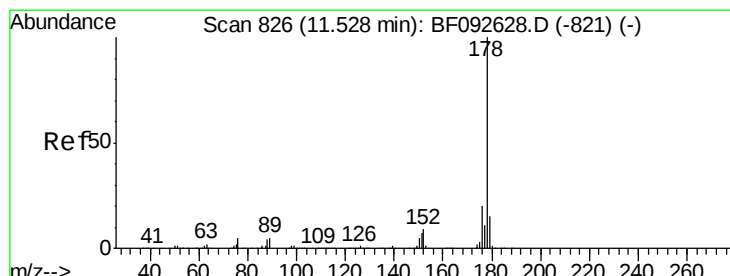
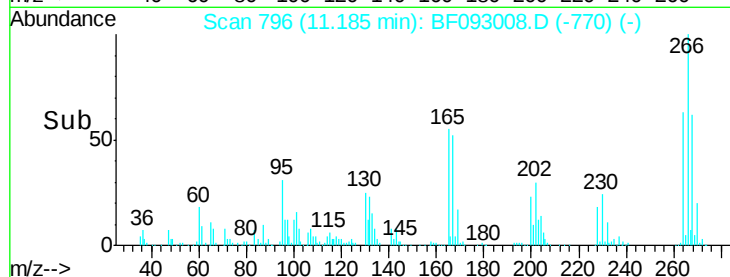
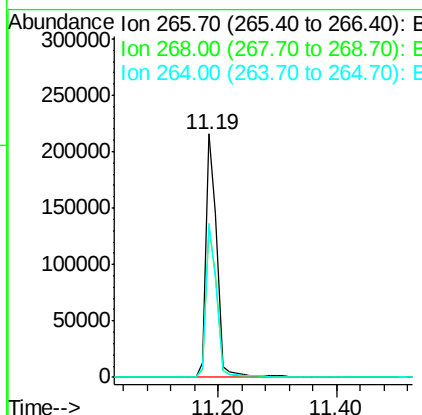
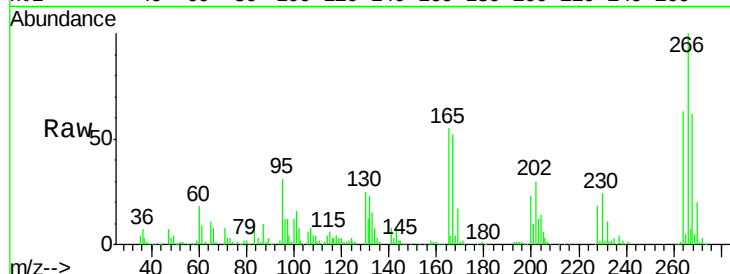
#69
 Pentachlorophenol
 Concen: 85.07 ng
 RT: 11.19 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	279967		
268	61.7	53.3	79.9	
264	63.5	50.3	75.5	

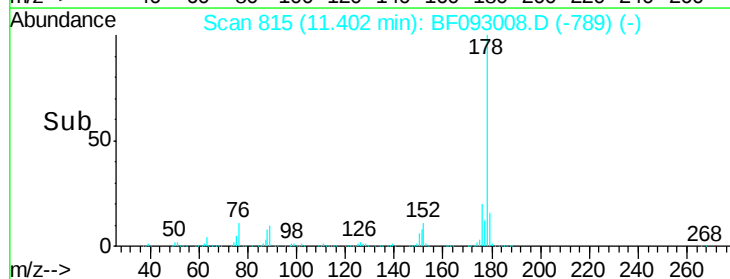
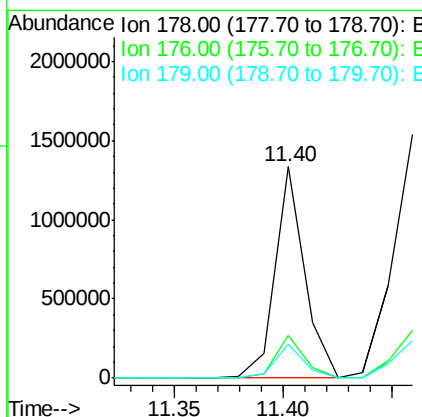
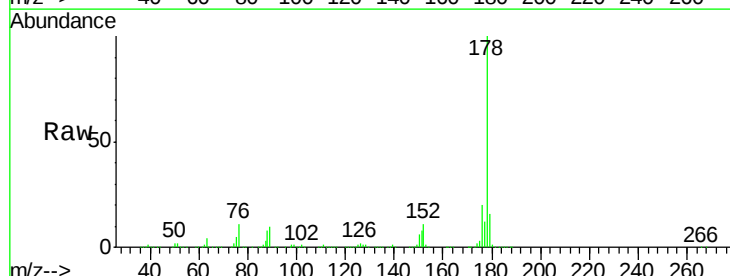
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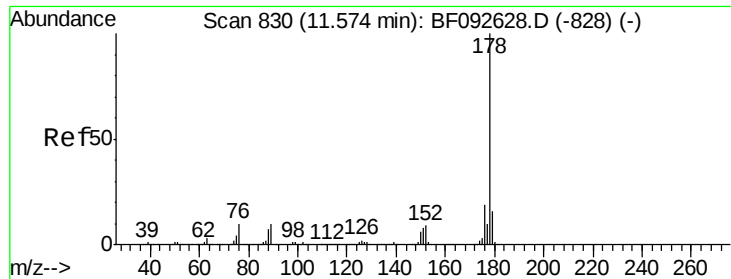
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#70
 Phenanthrene
 Concen: 36.16 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1271589		
176	20.0	16.6	25.0	
179	15.8	12.8	19.2	





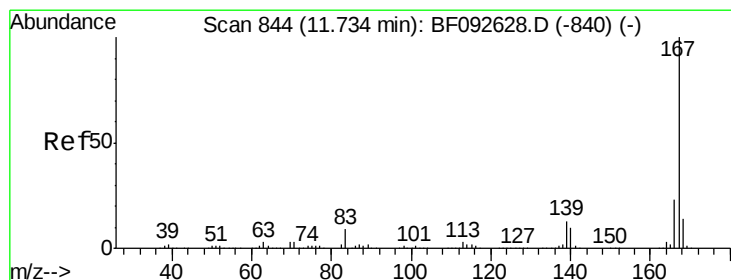
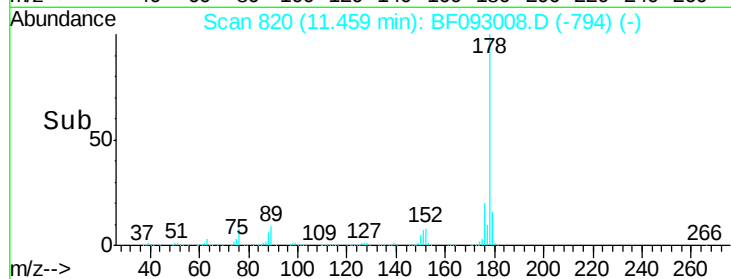
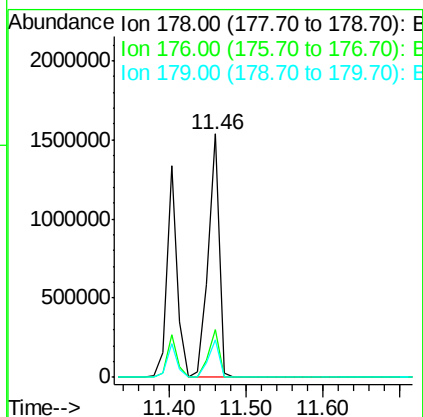
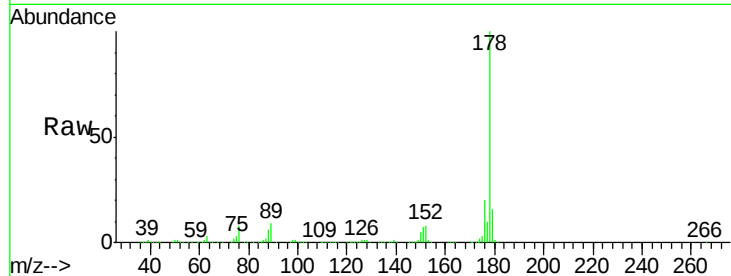
#71
 Anthracene
 Concen: 42.65 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion:178 Resp: 1506312
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.6 13.2 19.8

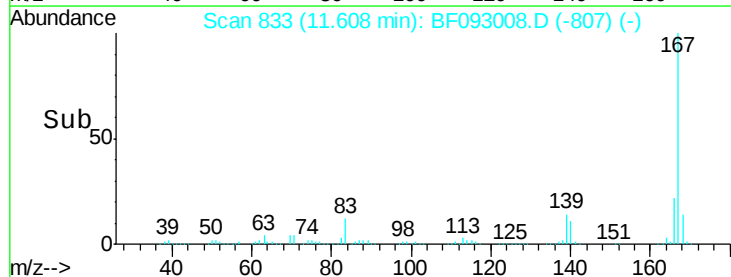
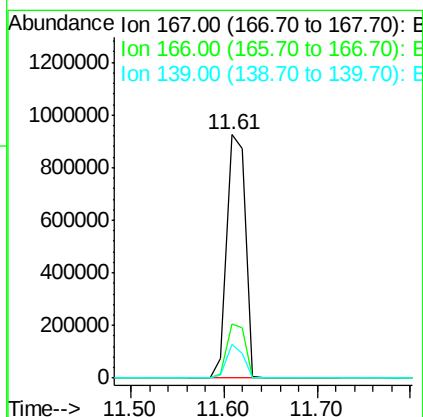
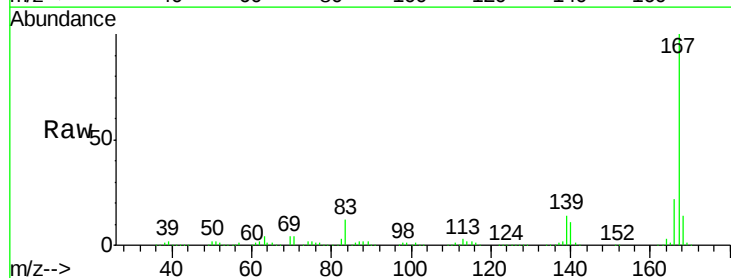
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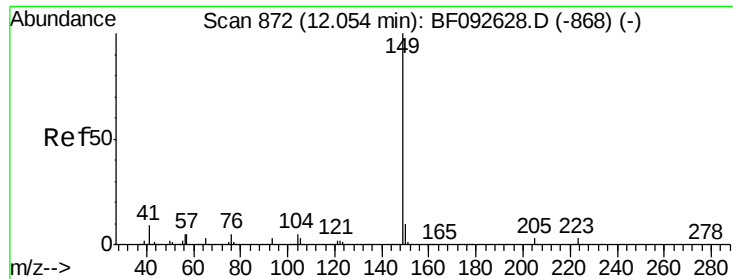
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#72
 Carbazole
 Concen: 38.46 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion:167 Resp: 1298327
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.6 11.4 17.2





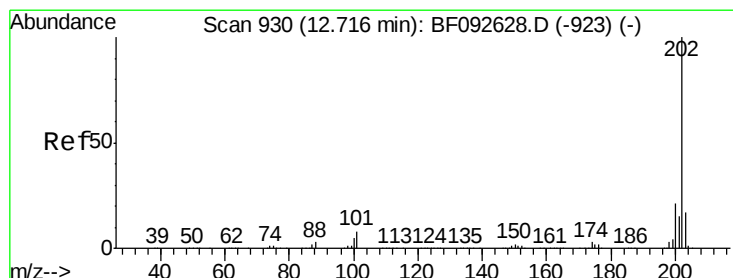
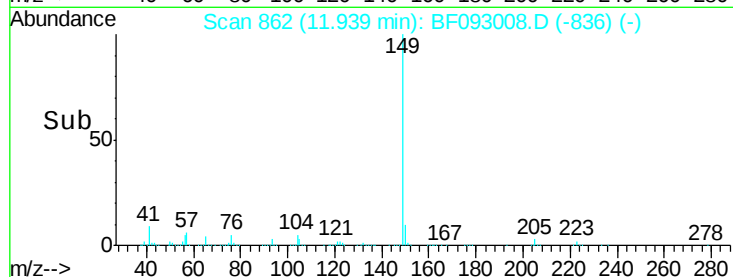
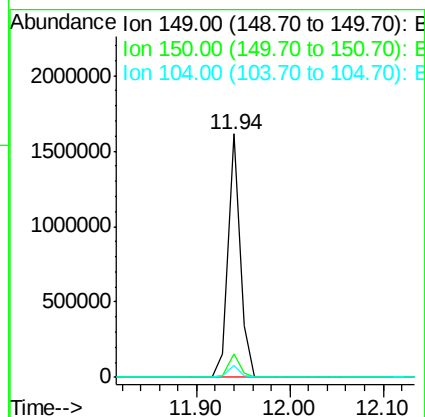
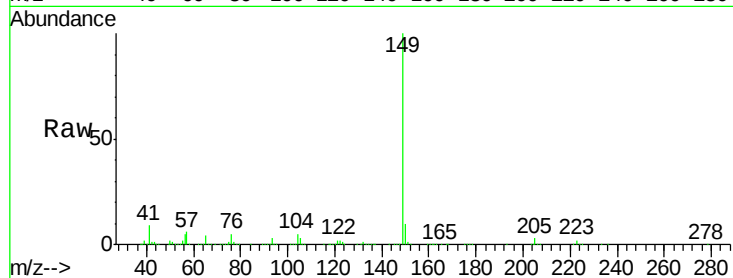
#73
Di-n-butylphthalate
Concen: 39.90 ng
RT: 11.94 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion:149 Resp: 1456839
Ion Ratio Lower Upper
149 100
150 9.7 8.1 12.1
104 4.8 4.6 7.0

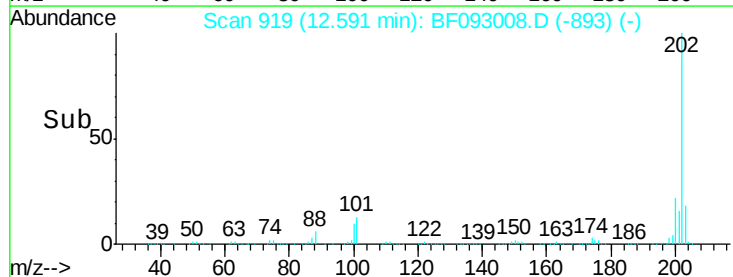
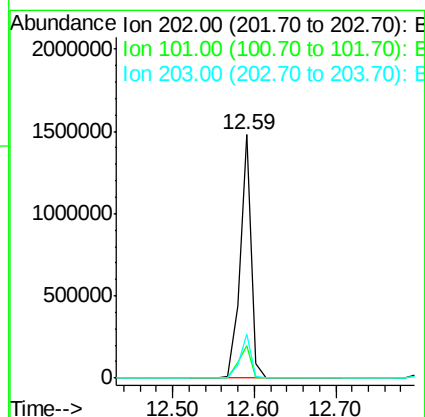
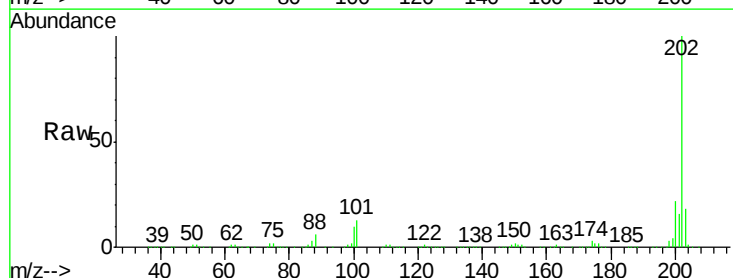
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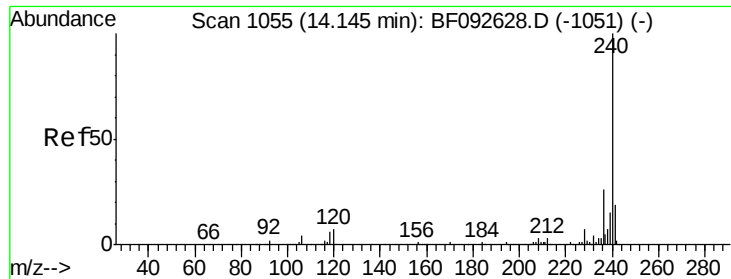
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#74
Fluoranthene
Concen: 38.42 ng
RT: 12.59 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:202 Resp: 1393773
Ion Ratio Lower Upper
202 100
101 13.1 0.0 34.6
203 18.0 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

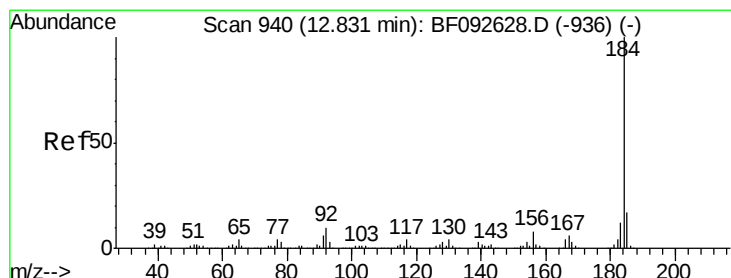
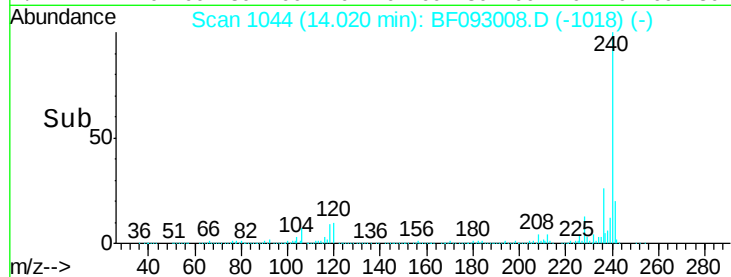
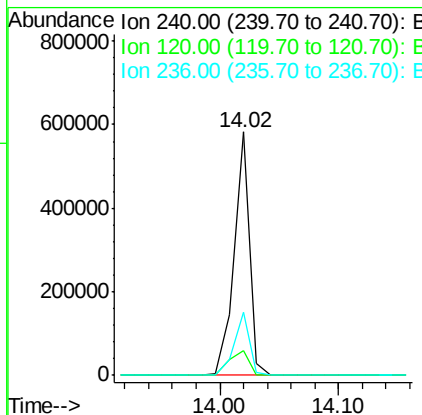
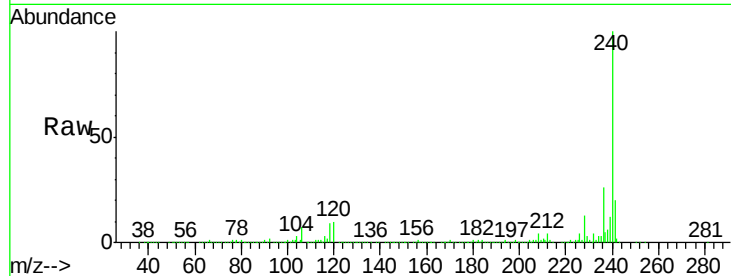
ClientSampleId :

PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	525817		
120	10.3	12.9	19.3#	
236	25.9	20.9	31.3	

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#76

Benzidine

Concen: 23.21 ng

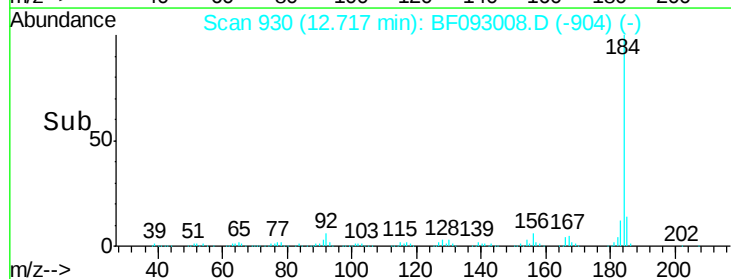
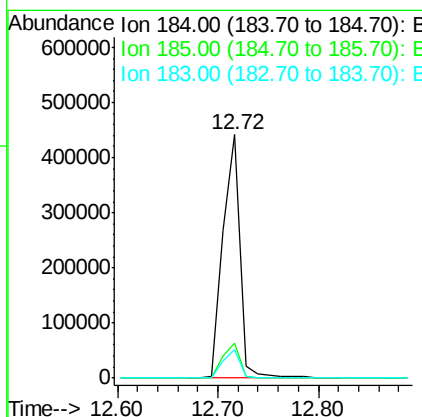
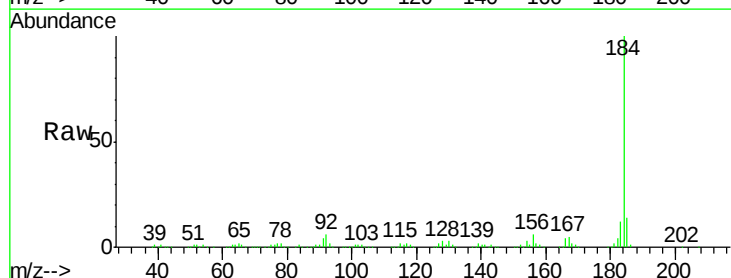
RT: 12.72 min Scan# 930

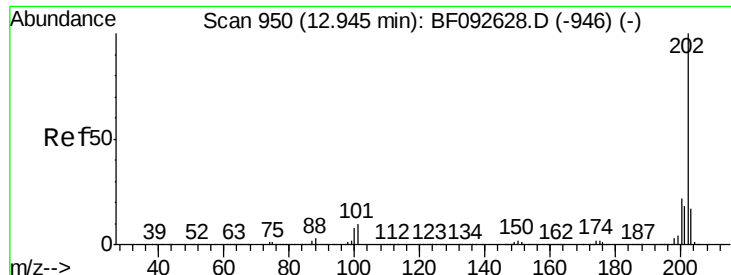
Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	520108		
185	14.1	13.4	20.0	
183	11.9	9.2	13.8	





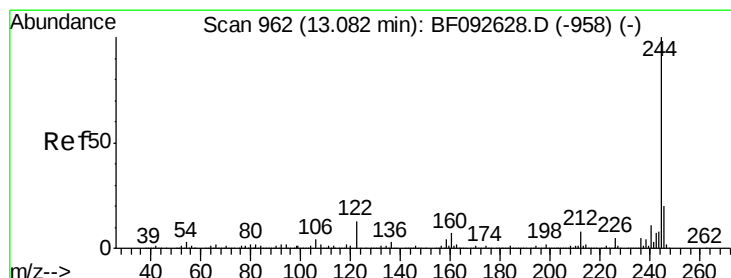
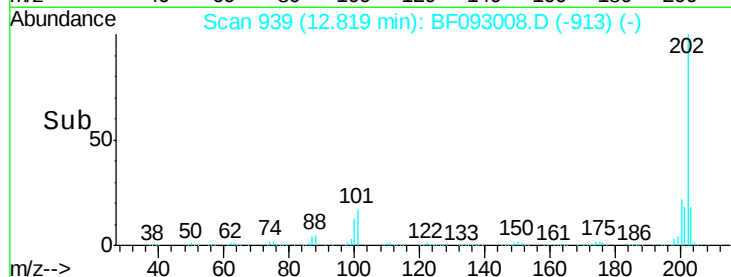
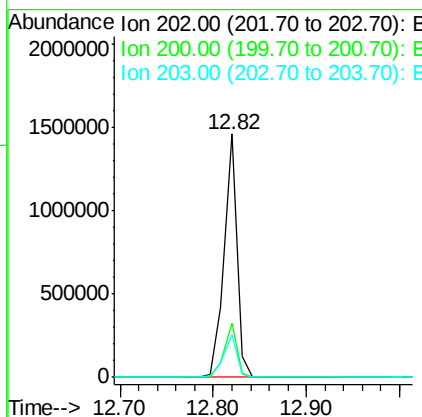
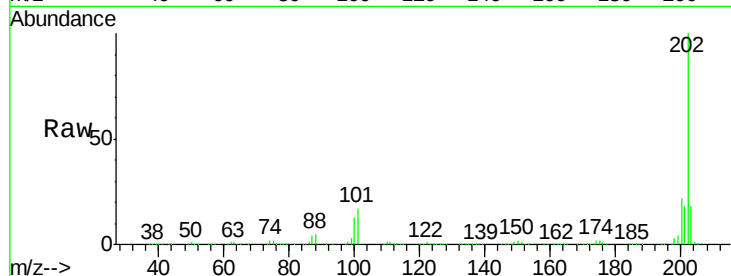
#77
 Pyrene
 Concen: 35.46 ng
 RT: 12.82 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.7	14.7	22.1

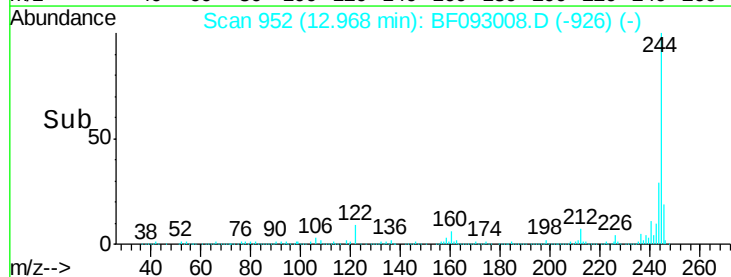
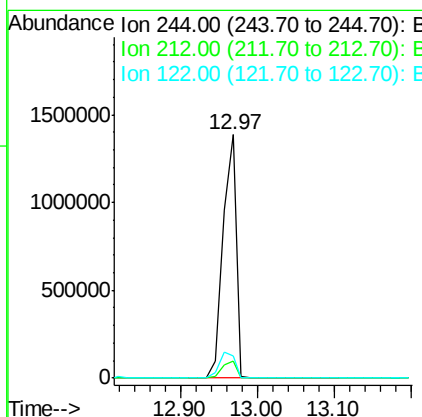
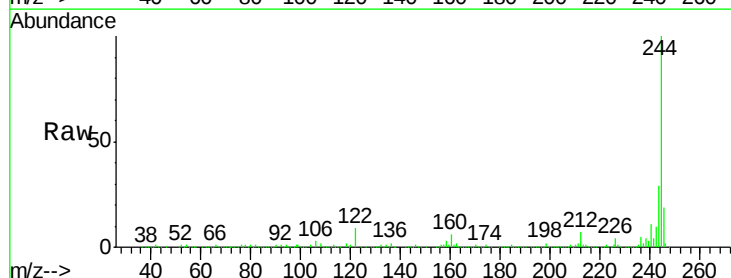
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#78
 Terphenyl-d14
 Concen: 75.60 ng
 RT: 12.97 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	9.3	11.4	17.2





#79

Butylbenzylphthalate

Concen: 44.50 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

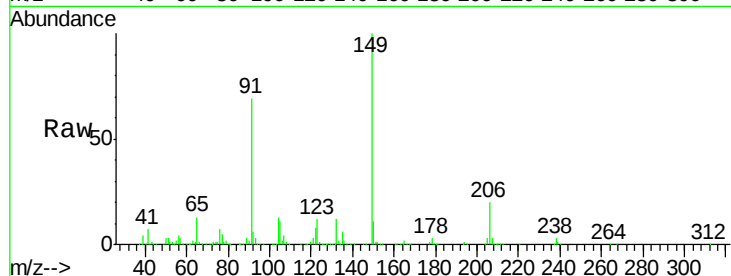
ClientSampleID :

PB97012BSD

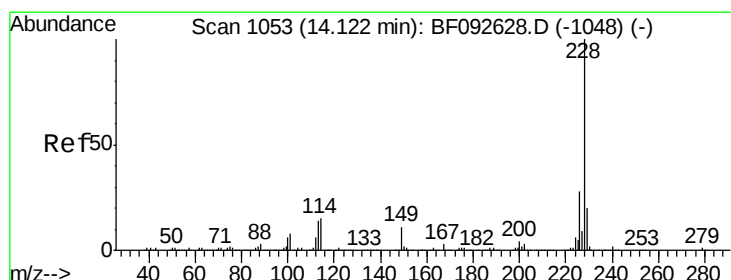
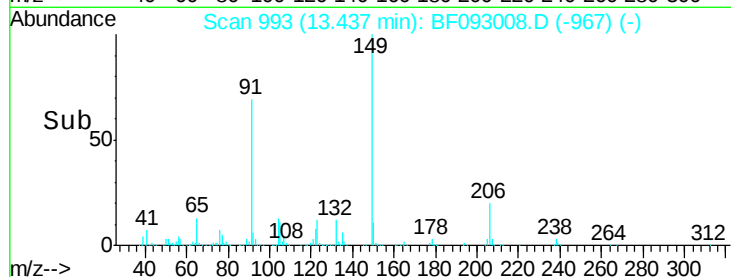
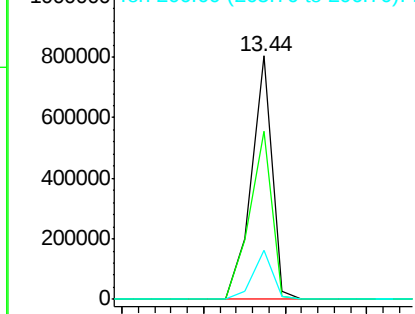
Tgt Ion:	149	Resp:	711090
Ion Ratio	Lower	Upper	
149	100		
91	68.9	63.9	95.9
206	20.0	14.6	21.8

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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: 36.42 ng

RT: 14.01 min Scan# 1043

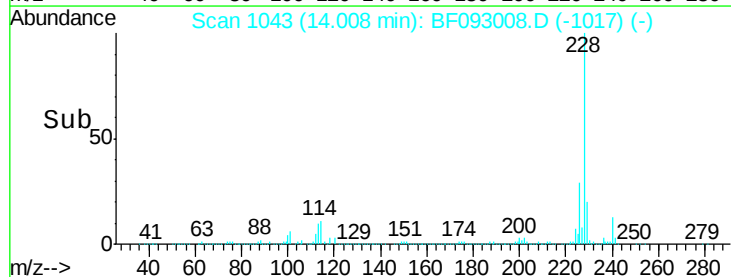
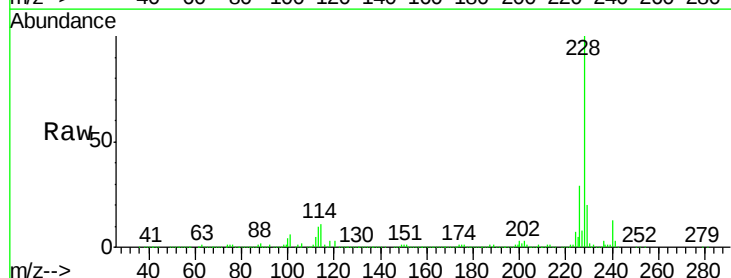
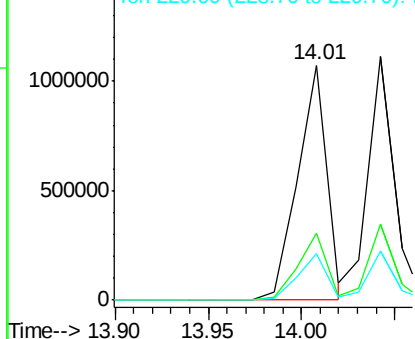
Delta R.T. 0.00 min

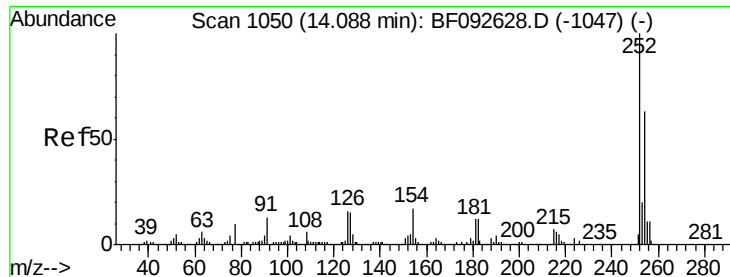
Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Tgt Ion:	228	Resp:	1171391
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.4	33.6
229	19.8	16.2	24.4

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





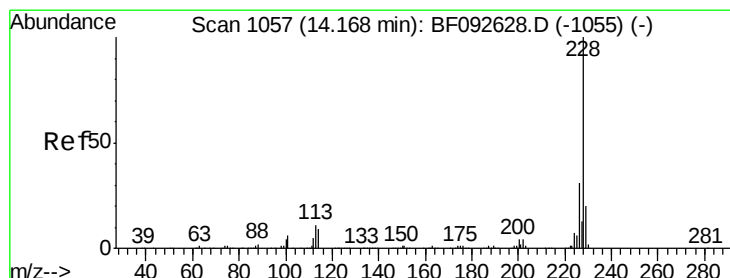
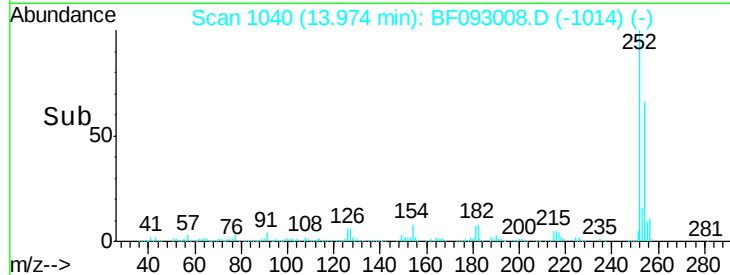
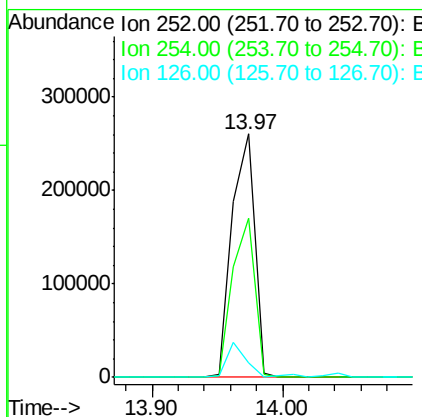
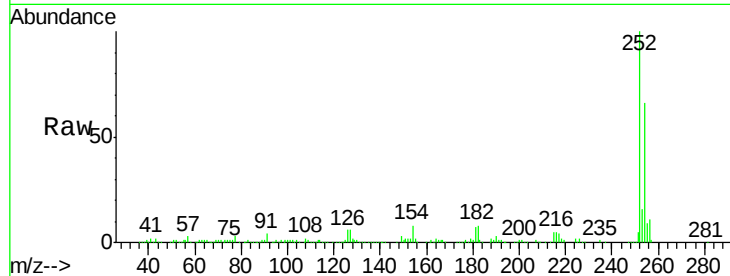
#81
 3,3'-Dichlorobenzidine
 Concen: 27.43 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	314459		
254	65.5	52.3	78.5	
126	6.1	13.6	20.4	

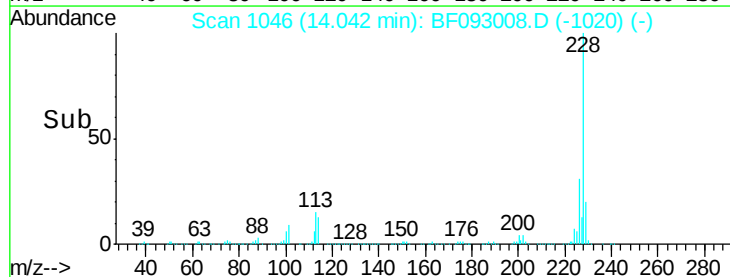
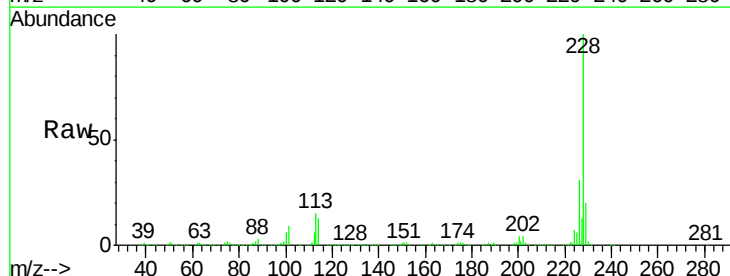
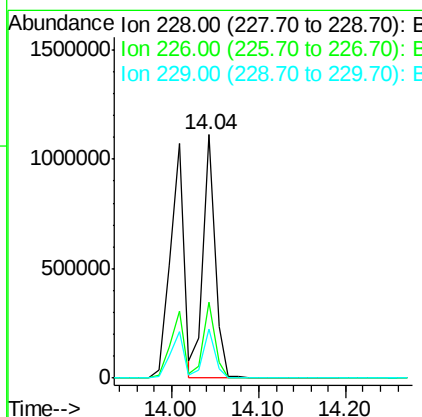
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#82
 Chrysene
 Concen: 35.42 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1066577		
226	31.2	25.4	38.0	
229	20.4	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.57 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Instrument :

BNA_F

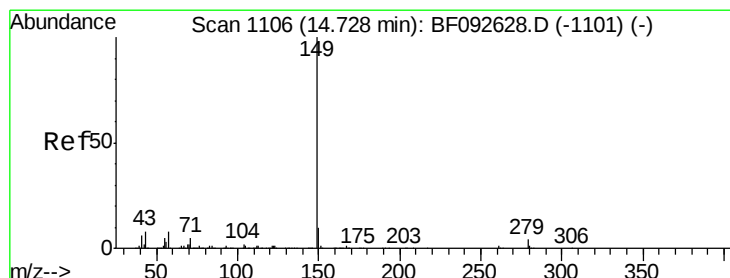
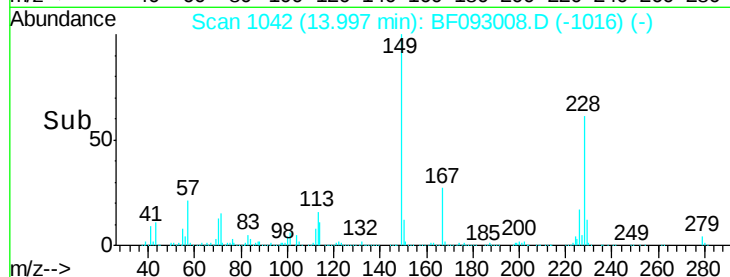
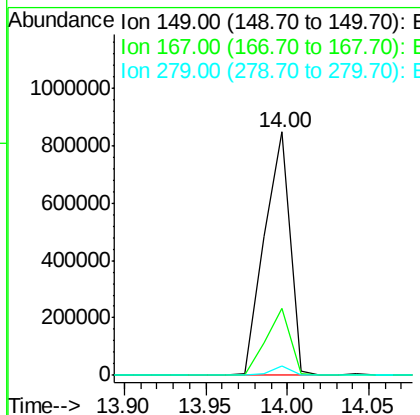
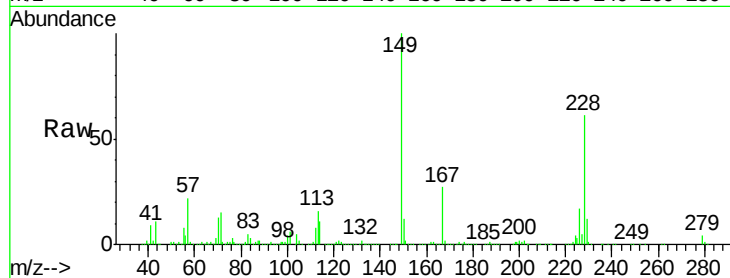
ClientSampleId :

PB97012BSD

Tgt Ion:	149	Resp:	930251
Ion Ratio	Lower	Upper	
149	100		
167	27.5	20.2	30.4
279	4.0	1.8	2.8#

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#84

Di-n-octyl phthalate

Concen: 45.73 ng

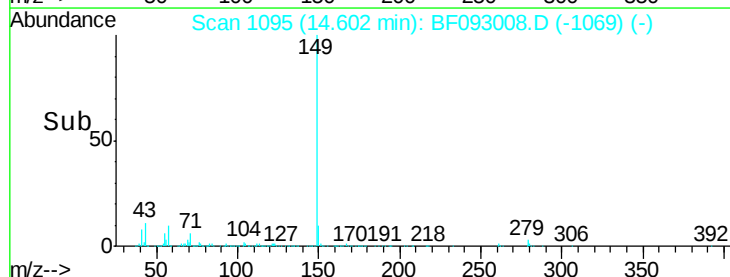
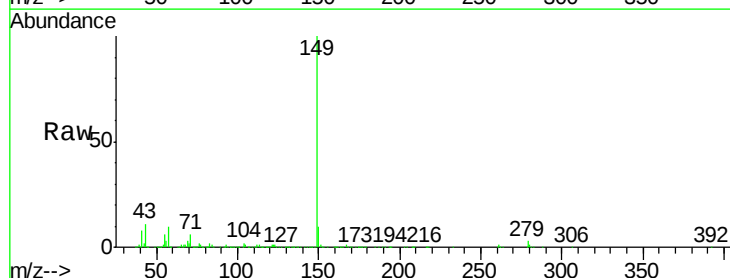
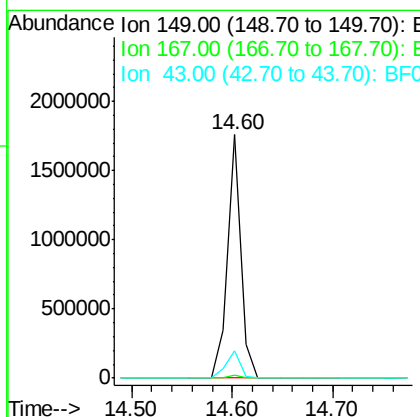
RT: 14.60 min Scan# 1095

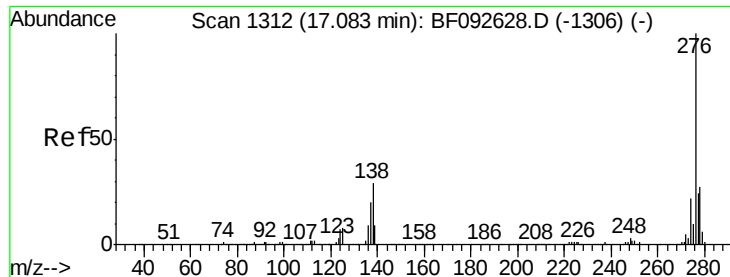
Delta R.T. 0.00 min

Lab File: BF093008.D

Acq: 17 Feb 2017 14:13

Tgt Ion:	149	Resp:	1627499
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.6	8.9	13.3





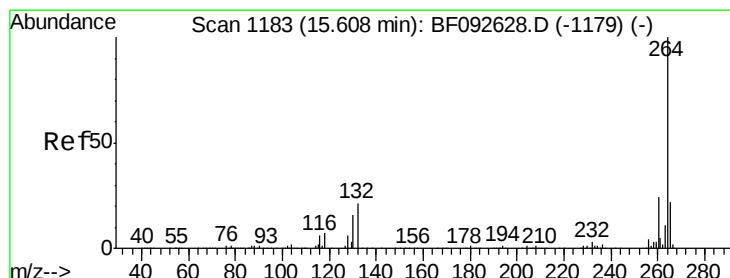
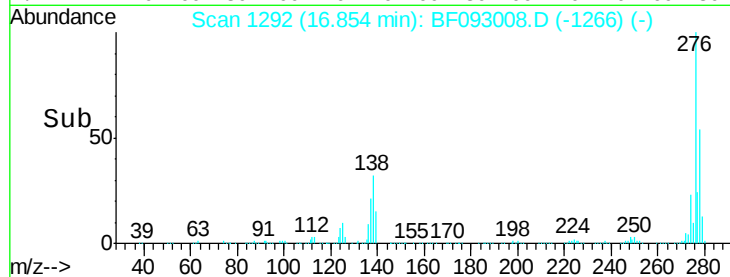
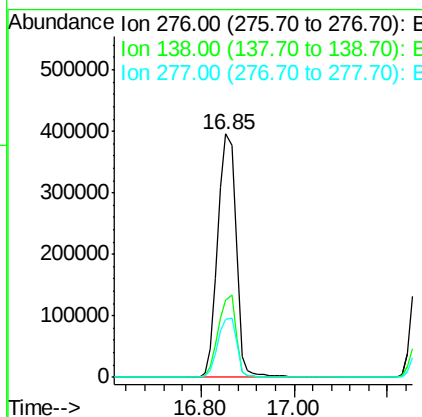
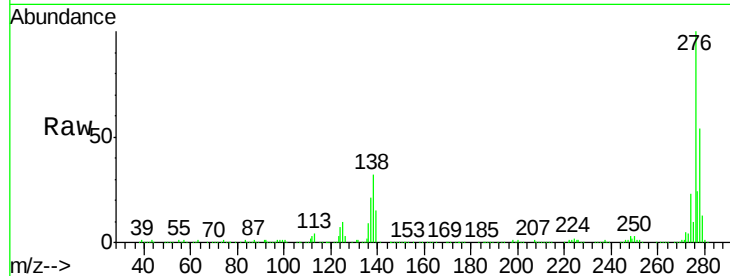
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.36 ng
 RT: 16.85 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.5	21.8	32.6
277	24.9	20.2	30.4

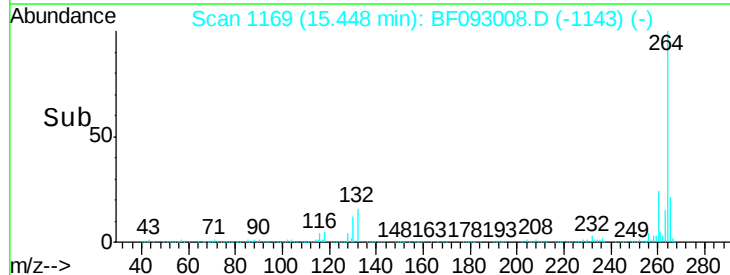
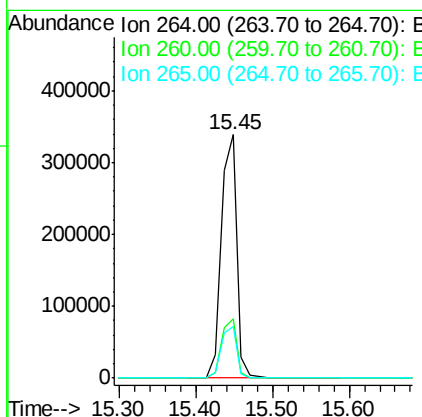
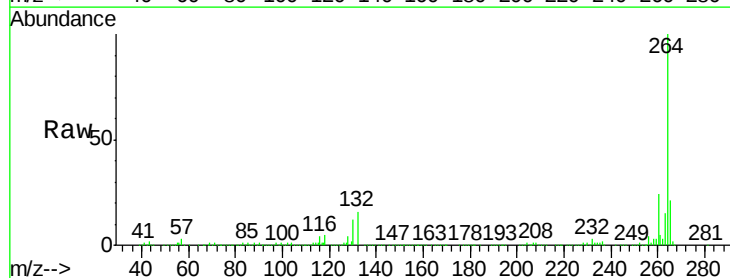
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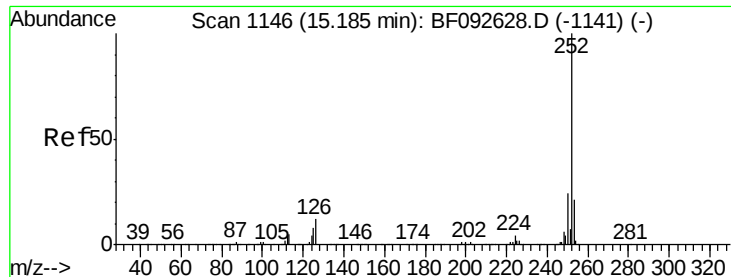
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.0	17.4	26.0





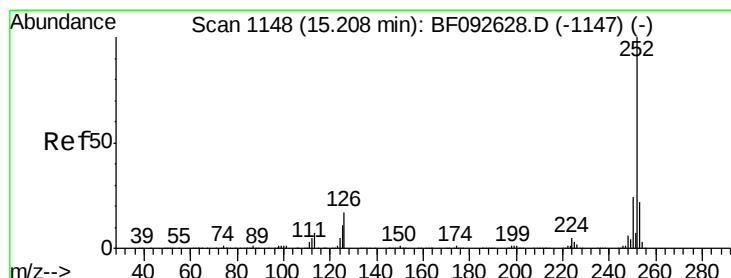
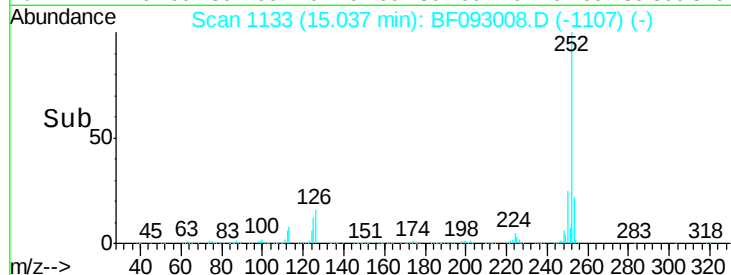
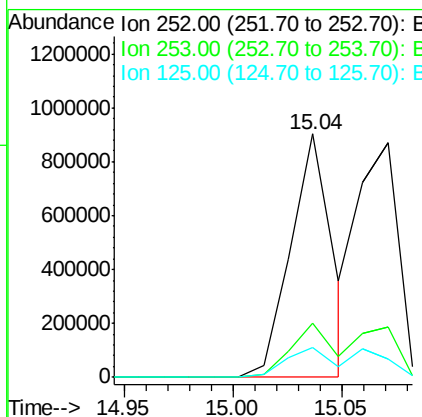
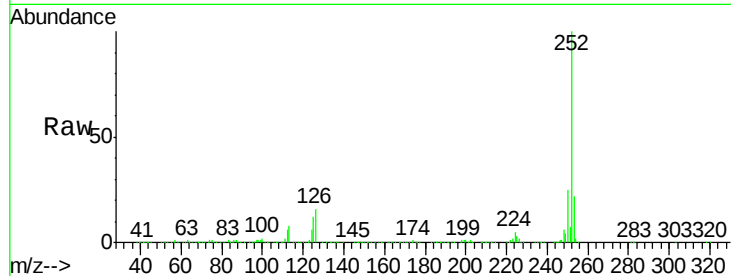
#87
Benzo(b)fluoranthene
Concen: 37.73 ng
RT: 15.04 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion:252 Resp: 1197101
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 12.0 9.8 14.6

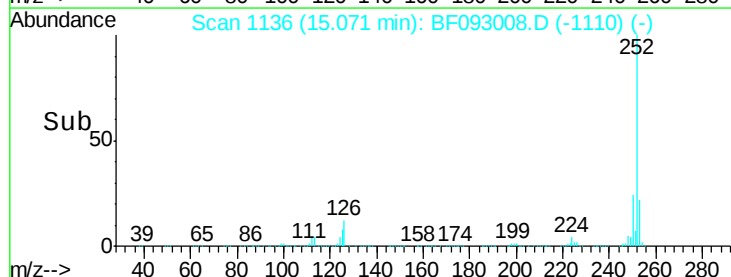
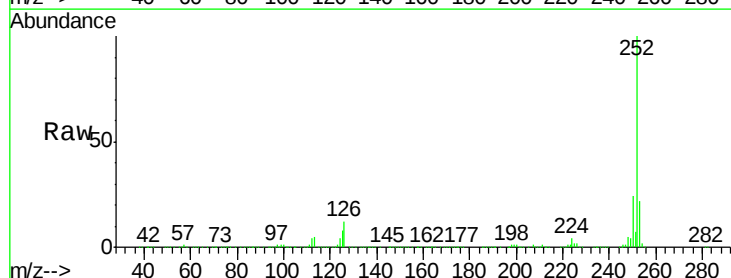
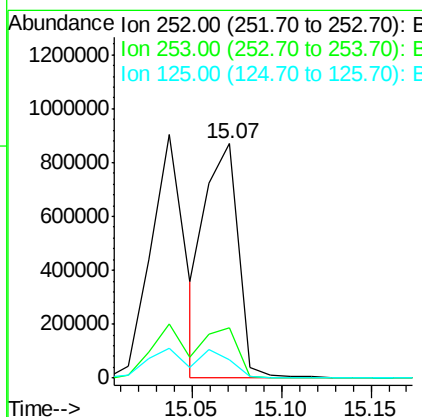
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#88
Benzo(k)fluoranthene
Concen: 41.49 ng m
RT: 15.07 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion:252 Resp: 1136595
Ion Ratio Lower Upper
252 100
253 21.6 18.5 27.7
125 7.9 8.9 13.3#





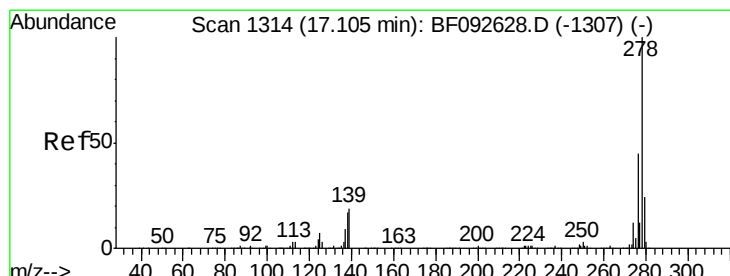
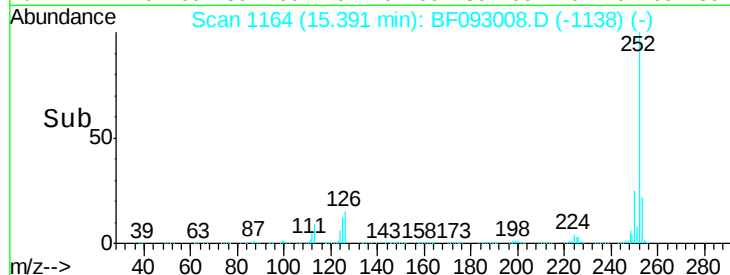
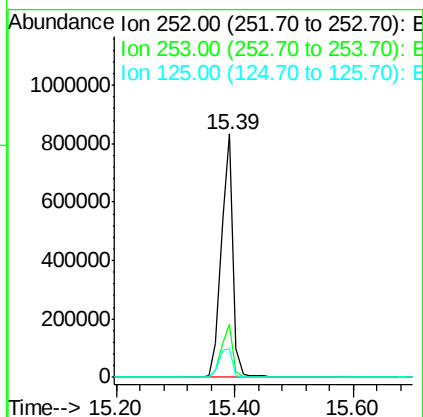
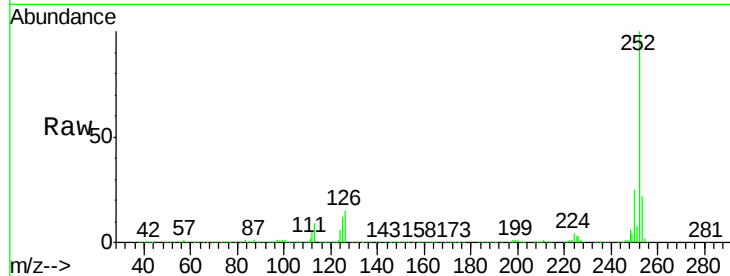
#89
Benzo(a)pyrene
Concen: 40.93 ng
RT: 15.39 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Instrument :
BNA_F
ClientSampleId :
PB97012BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	11.9	10.0	15.0

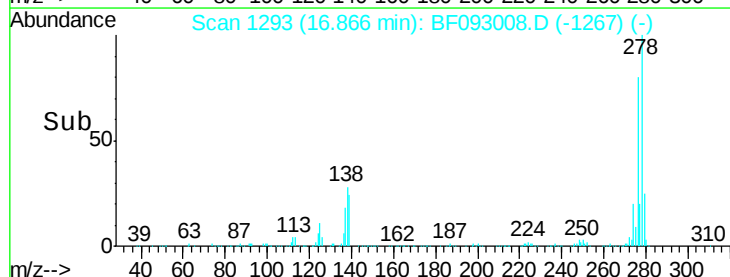
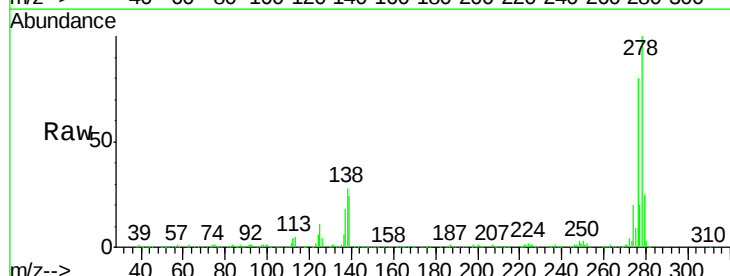
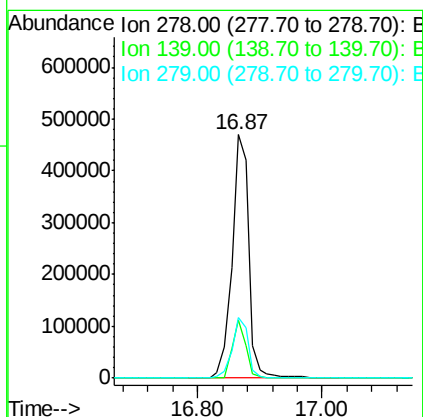
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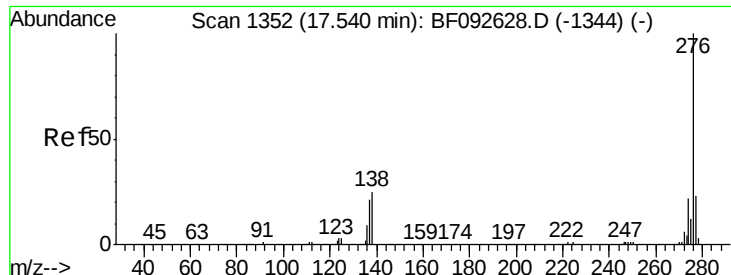
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#90
Dibenzo(a,h)anthracene
Concen: 39.92 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF093008.D
Acq: 17 Feb 2017 14:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	14.8	22.2#
279	24.7	19.8	29.6





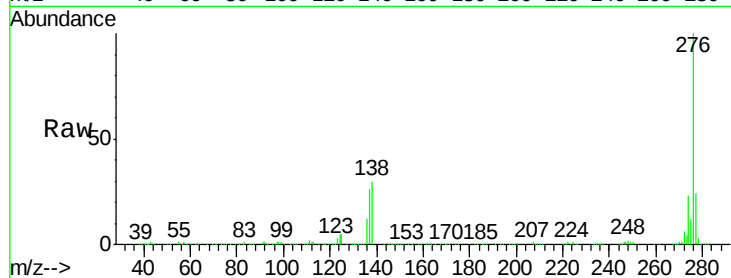
#91
 Benzo(g,h,i)perylene
 Concen: 39.79 ng
 RT: 17.28 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF093008.D
 Acq: 17 Feb 2017 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	19.2	28.8
138	30.3	16.0	24.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

