

Data File : BF092993.D
Acq On : 16 Feb 2017 20:53
Operator : SJ/MA
Sample : I1859-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

Quant Time: Feb 16 23:54:24 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	148471	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	602443	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	321067	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	543087	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	456445	20.00	ng	-0.03
86) Perylene-d12	15.45	264	322419	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1018550	117.70	ng	-0.01
7) Phenol-d6	6.51	99	1402834	125.98	ng	-0.02
23) Nitrobenzene-d5	7.42	82	969210	89.59	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	342729	147.59	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1618740	91.34	ng	-0.02
78) Terphenyl-d14	12.97	244	1521945	78.35	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	165666	35.43	ng	# 71
3) Pyridine	3.31	79	266175	22.39	ng	87
4) n-Nitrosodimethylamine	3.23	42	234984	42.09	ng	83
6) Aniline	6.53	93	99504	6.55	ng	# 60
8) 2-Chlorophenol	6.65	128	426670	44.69	ng	96
9) Benzaldehyde	6.41	77	72061	9.03	ng	95
10) Phenol	6.52	94	519411	39.87	ng	# 67
11) bis(2-Chloroethyl)ether	6.60	93	442591	42.56	ng	95
12) 1,3-Dichlorobenzene	7.04	146	431411	38.58	ng	98
13) 1,4-Dichlorobenzene	6.88	146	463785	40.98	ng	97
14) 1,2-Dichlorobenzene	7.04	146	431670	39.89	ng	94
15) Benzyl Alcohol	7.01	79	349617	42.41	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	783493	43.37	ng	99
17) 2-Methylphenol	7.13	107	372310	45.46	ng	97
18) Hexachloroethane	7.37	117	158364	40.99	ng	# 86
19) n-Nitroso-di-n-propylamine	7.28	70	317066	44.73	ng	95
20) 3+4-Methylphenols	7.28	107	437569	44.68	ng	# 72
22) Acetophenone	7.28	105	571247	41.53	ng	# 94
24) Nitrobenzene	7.45	77	475462	42.80	ng	96
25) Isophorone	7.69	82	917726	45.52	ng	97
26) 2-Nitrophenol	7.77	139	255308	48.35	ng	# 84
27) 2,4-Dimethylphenol	7.80	122	401802	43.33	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	566965	42.47	ng	99
29) 2,4-Dichlorophenol	8.01	162	388413	44.91	ng	92
30) 1,2,4-Trichlorobenzene	8.09	180	393092	42.17	ng	95
31) Naphthalene	8.17	128	1254977	41.09	ng	99
32) Benzoic acid	7.94	122	191613	38.19	ng	96
33) 4-Chloroaniline	8.21	127	47294	3.95	ng	# 94
34) Hexachlorobutadiene	8.28	225	201288	39.25	ng	99
35) Caprolactam	8.59	113	70968	26.09	ng	# 37
36) 4-Chloro-3-methylphenol	8.70	107	432100	47.92	ng	98
37) 2-Methylnaphthalene	8.85	142	839293	42.80	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	373950	41.49	ng	98
40) Hexachlorocyclopentadiene	9.01	237	326406	80.27	ng	97

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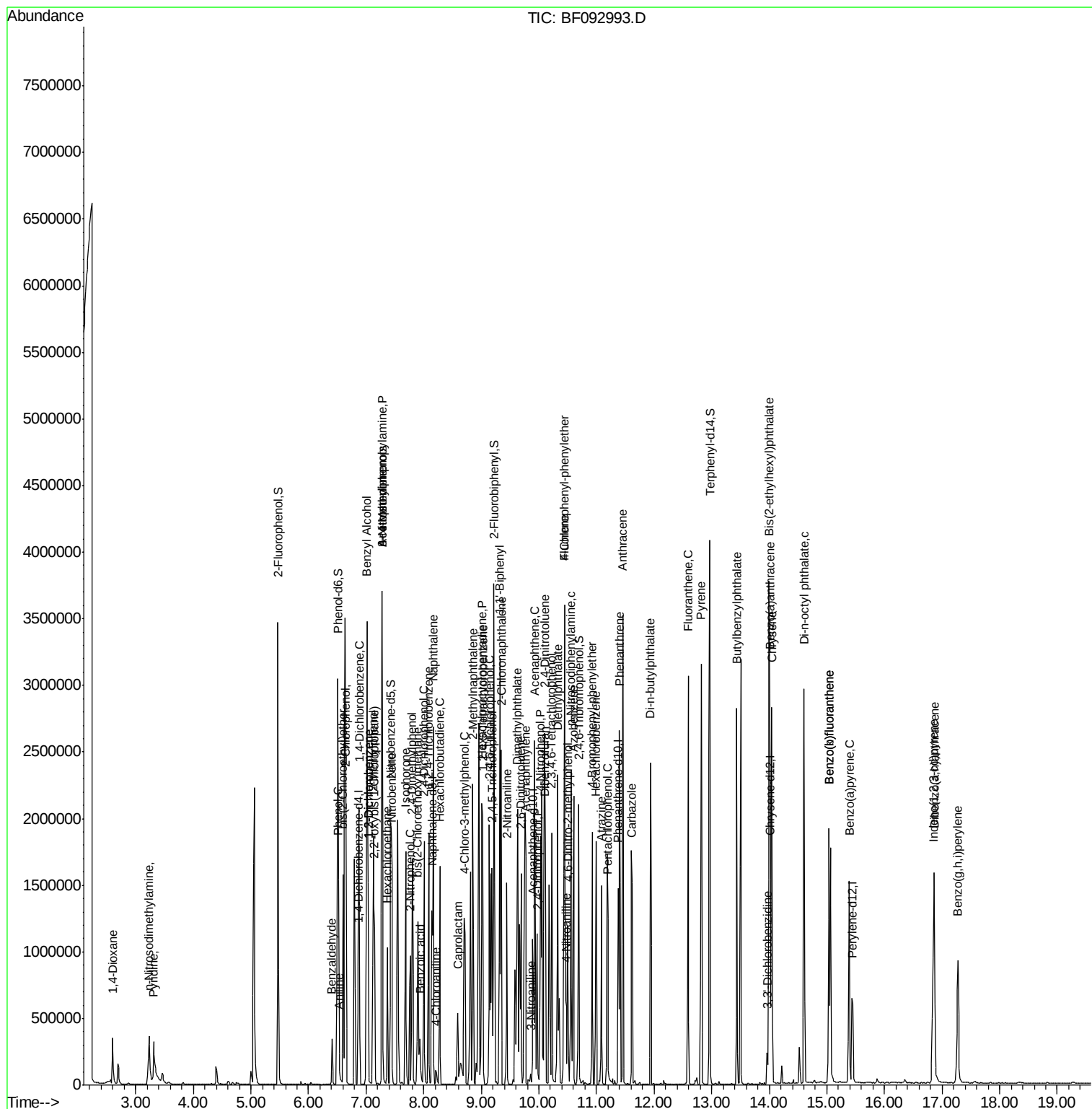
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	276940	46.76	ng	94
43) 2,4,5-Trichlorophenol	9.18	196	282032	43.47	ng #	90
45) 1,1'-Biphenyl	9.32	154	1024034	44.05	ng	98
46) 2-Chloronaphthalene	9.34	162	789232	43.40	ng	96
47) 2-Nitroaniline	9.45	65	284953	46.60	ng	91
48) Acenaphthylene	9.77	152	1346521	42.86	ng	97
49) Dimethylphthalate	9.63	163	1052547	48.67	ng	99
50) 2,6-Dinitrotoluene	9.69	165	205720	44.05	ng #	79
51) Acenaphthene	9.93	154	884581	47.09	ng	98
52) 3-Nitroaniline	9.86	138	19561	3.66	ng	87
53) 2,4-Dinitrophenol	9.97	184	245478	101.94	ng	95
54) Dibenzofuran	10.11	168	1158394	46.11	ng #	89
55) 4-Nitrophenol	10.03	139	289340	75.16	ng	93
56) 2,4-Dinitrotoluene	10.10	165	315188	50.69	ng #	84
57) Fluorene	10.44	166	850262	43.99	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	224542	51.87	ng	98
59) Diethylphthalate	10.33	149	1014456	49.78	ng	96
60) 4-Chlorophenyl-phenylether	10.44	204	419119	45.13	ng #	79
61) 4-Nitroaniline	10.48	138	176803	32.30	ng	81
62) Azobenzene	10.60	77	1107445	52.60	ng	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	152553	46.25	ng #	49
65) n-Nitrosodiphenylamine	10.56	169	657837	37.92	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	243946	42.99	ng #	90
67) Hexachlorobenzene	10.99	284	232858	41.53	ng #	83
68) Atrazine	11.08	200	169594	30.46	ng	99
69) Pentachlorophenol	11.20	266	290746	98.61	ng	97
70) Phenanthrene	11.40	178	1309843	42.10	ng	99
71) Anthracene	11.46	178	1380941	44.20	ng	99
72) Carbazole	11.62	167	1062216	35.56	ng #	95
73) Di-n-butylphthalate	11.94	149	1461213	45.24	ng	98
74) Fluoranthene	12.59	202	1250277	38.96	ng	99
77) Pyrene	12.82	202	1253559	36.70	ng	99
79) Butylbenzylphthalate	13.44	149	619428	44.65	ng	94
80) Benzo(a)anthracene	14.01	228	1065931	38.18	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	56209	5.65	ng #	96
82) Chrysene	14.04	228	865798	33.12	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	869861	45.85	ng #	96
84) Di-n-octyl phthalate	14.60	149	1431268	46.33	ng	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	865706	42.76	ng #	94
87) Benzo(b)fluoranthene	15.04	252	1005130	47.36	ng	98
88) Benzo(k)fluoranthene	15.04	252	1005130	54.86	ng	99
89) Benzo(a)pyrene	15.39	252	879028	47.89	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	736780	49.66	ng	98
91) Benzo(g,h,i)perylene	17.28	276	728485	48.61	ng #	91

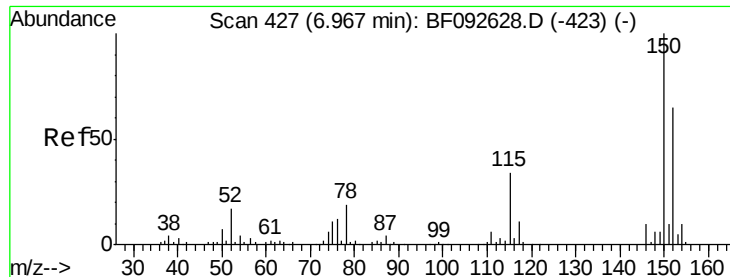
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.02 min

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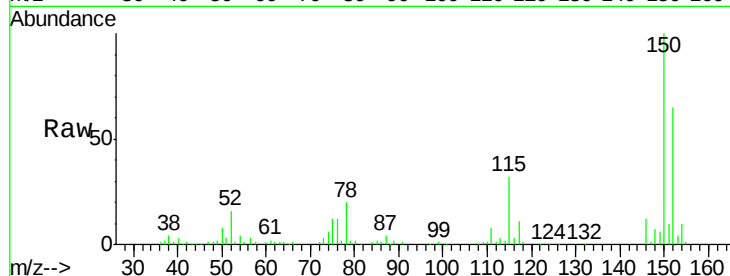
Tgt Ion:152 Resp: 148471

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

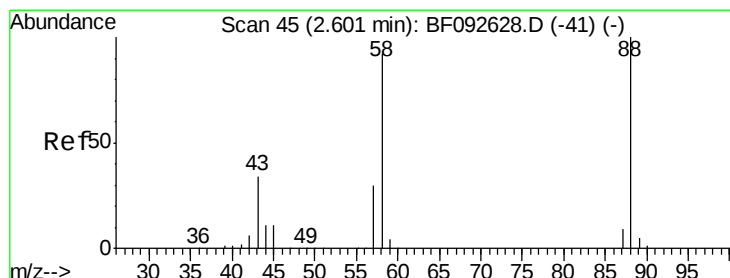
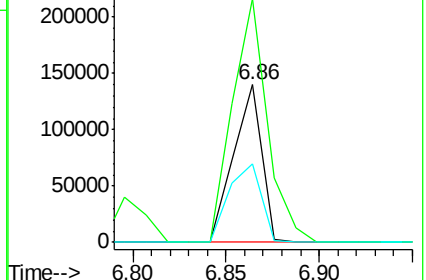
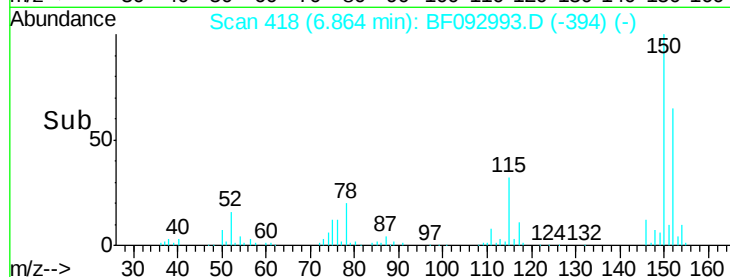
115 49.8 46.0 69.0



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: 35.43 ng

RT: 2.60 min Scan# 45

Delta R.T. 0.14 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

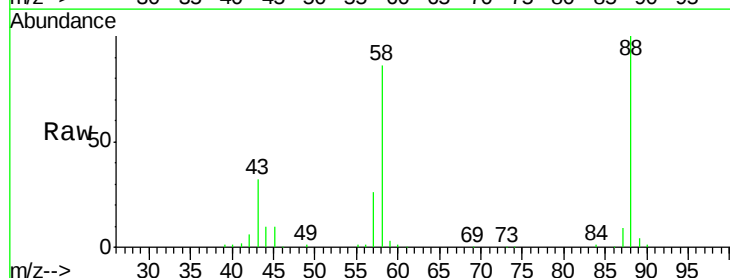
Tgt Ion: 88 Resp: 165666

Ion Ratio Lower Upper

88 100

58 88.7 57.8 86.8#

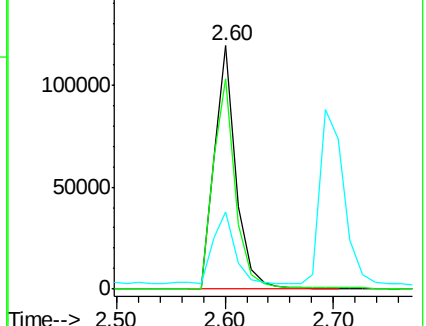
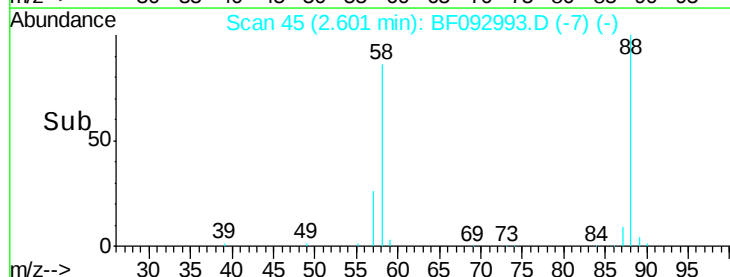
43 0.0 22.3 33.5#



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: 22.39 ng

RT: 3.31 min Scan# 107

Delta R.T. 0.11 min

Lab File: BF092993.D

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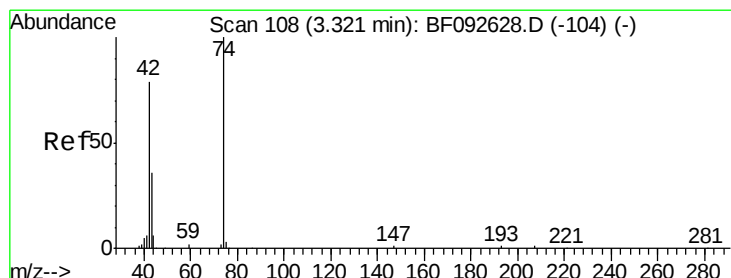
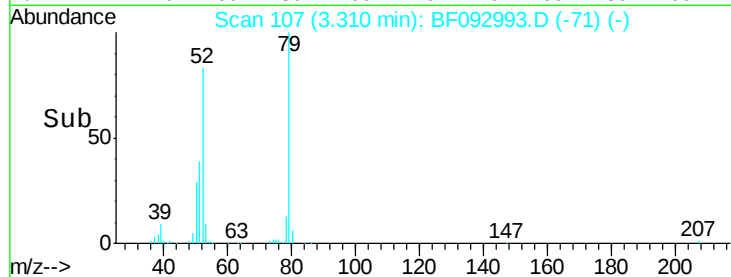
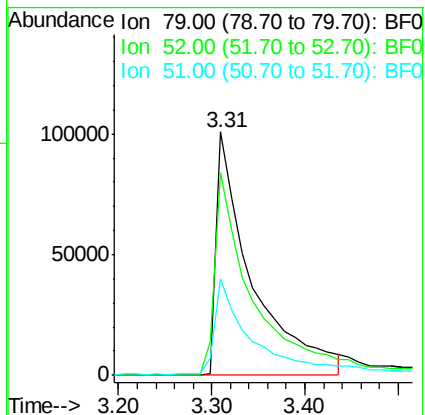
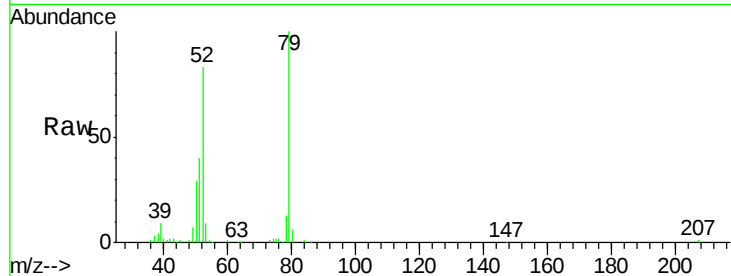
Tgt Ion: 79 Resp: 266175

Ion Ratio Lower Upper

79 100

52 83.3 57.1 85.7

51 39.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 42.09 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

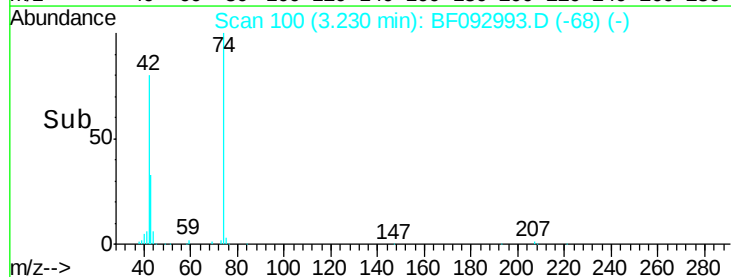
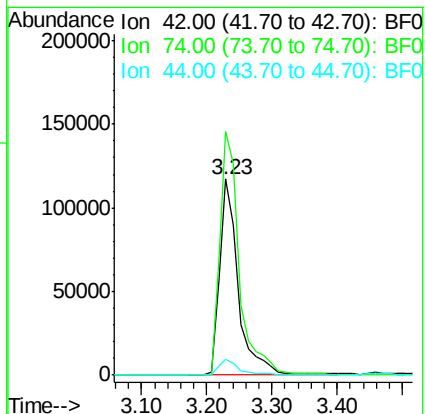
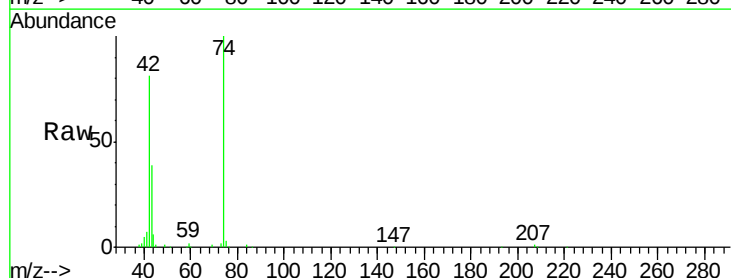
Tgt Ion: 42 Resp: 234984

Ion Ratio Lower Upper

42 100

74 124.1 117.0 175.4

44 7.9 5.5 8.3





#5

2-Fluorophenol

Concen: 117.70 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

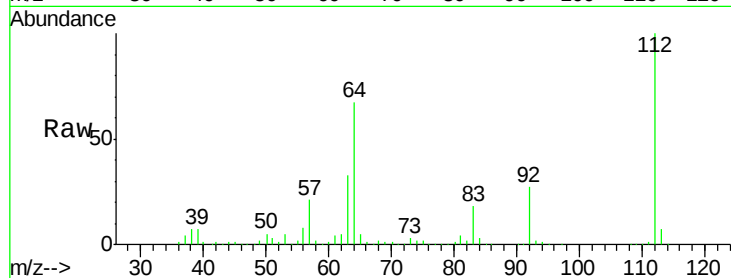
Tgt Ion: 112 Resp: 1018550

Ion Ratio Lower Upper

112 100

64 66.8 46.1 69.1

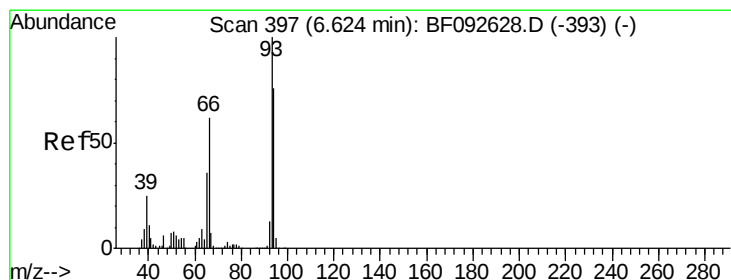
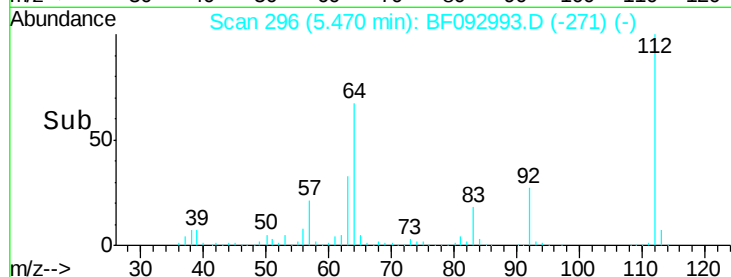
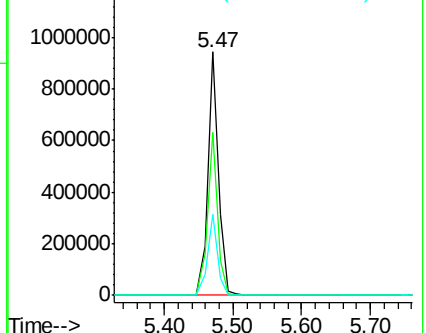
63 33.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 6.55 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

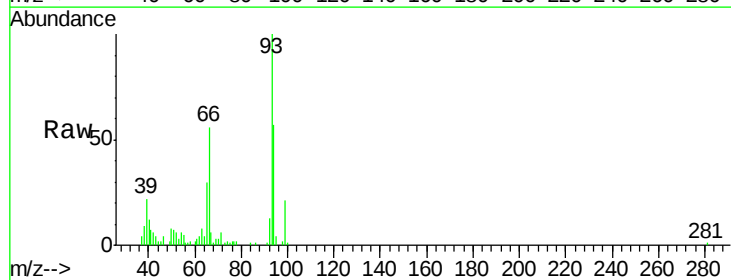
Tgt Ion: 93 Resp: 99504

Ion Ratio Lower Upper

93 100

66 56.4 76.2 114.2#

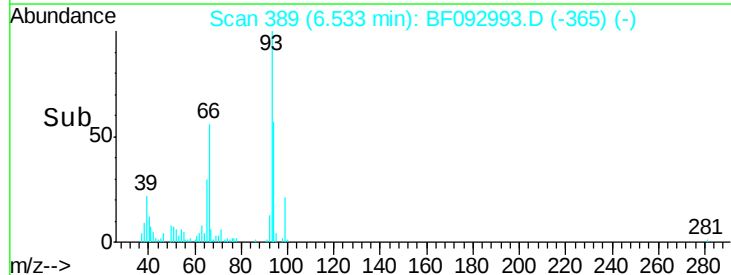
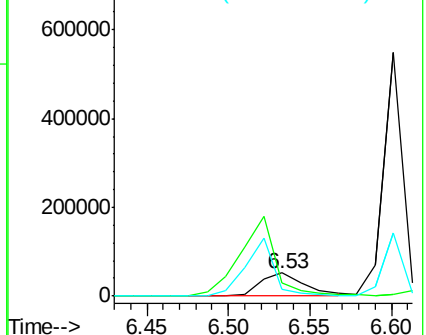
65 30.2 49.3 73.9#

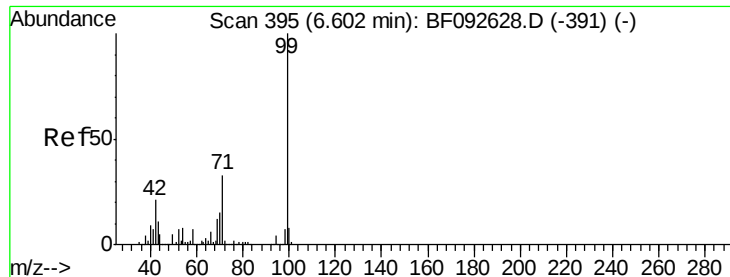


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.98 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

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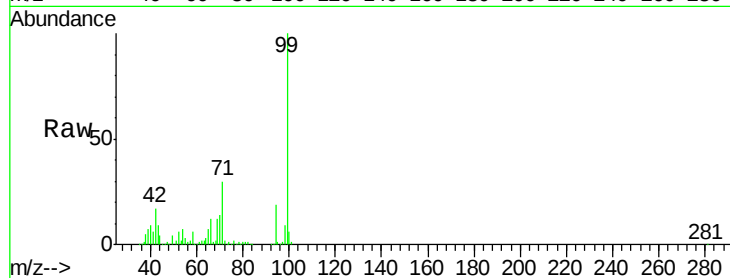
Tgt Ion: 99 Resp: 1402834

Ion Ratio Lower Upper

99 100

42 17.2 15.6 23.4

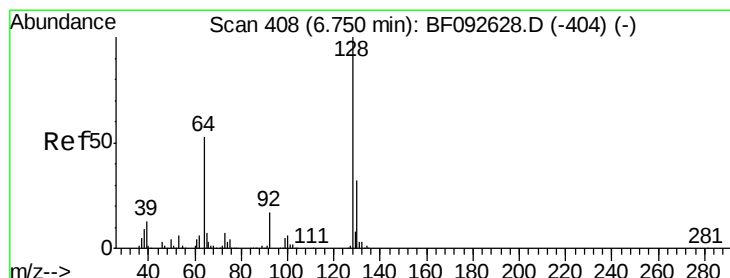
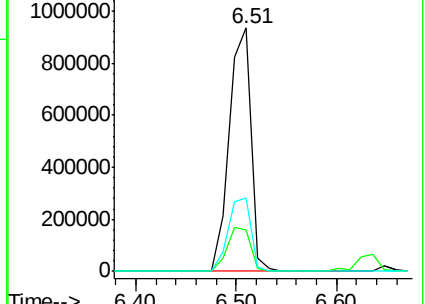
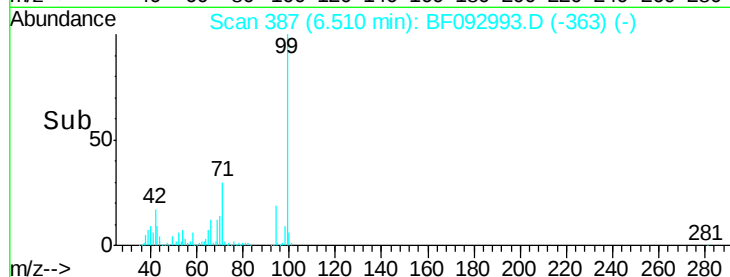
71 29.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.69 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

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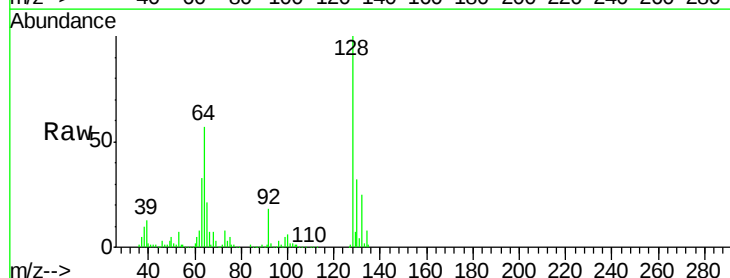
Tgt Ion: 128 Resp: 426670

Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

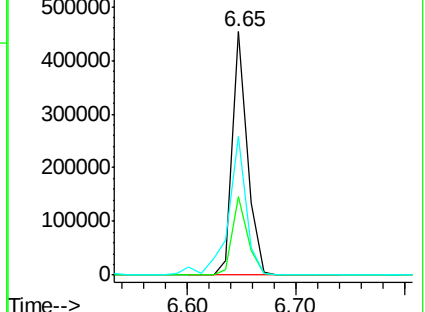
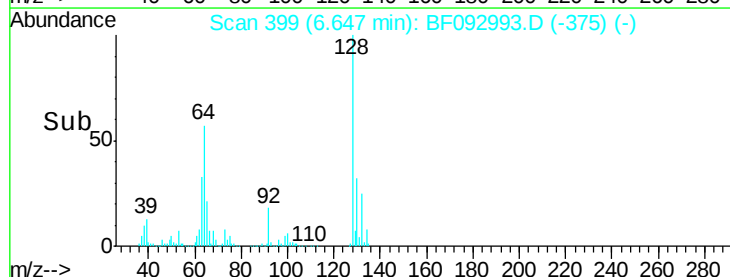
64 57.0 32.2 72.2

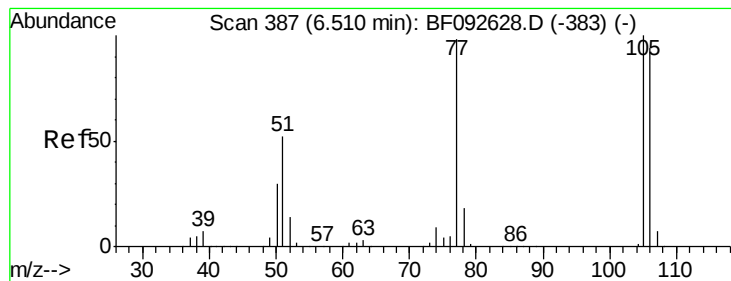


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.03 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

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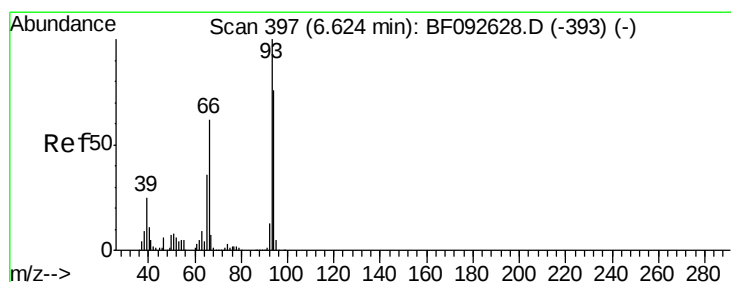
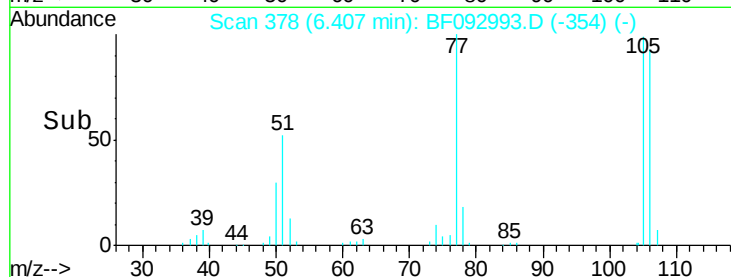
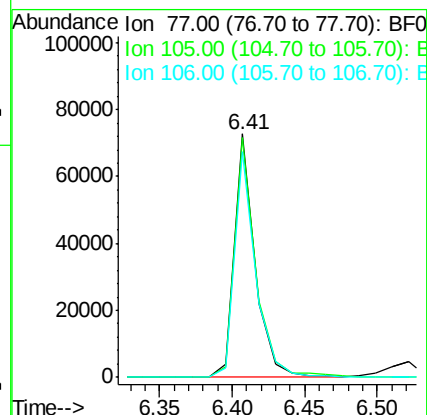
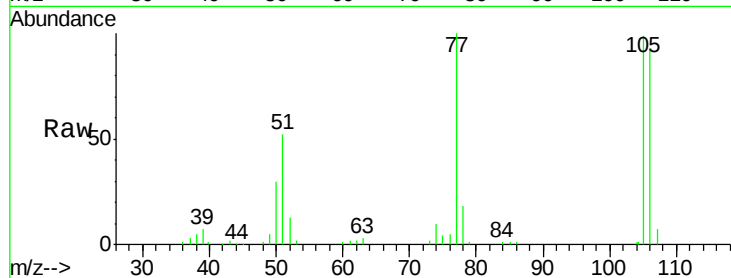
Tgt Ion: 77 Resp: 72061

Ion Ratio Lower Upper

77 100

105 98.7 83.9 123.9

106 92.6 77.6 117.6



#10

Phenol

Concen: 39.87 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

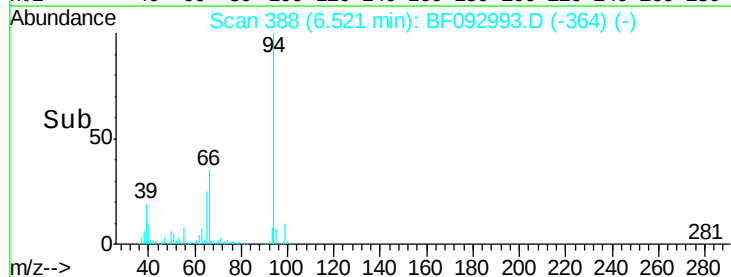
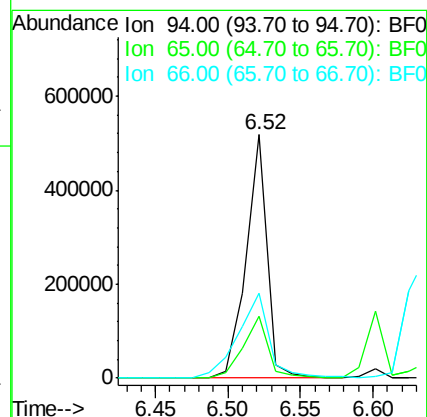
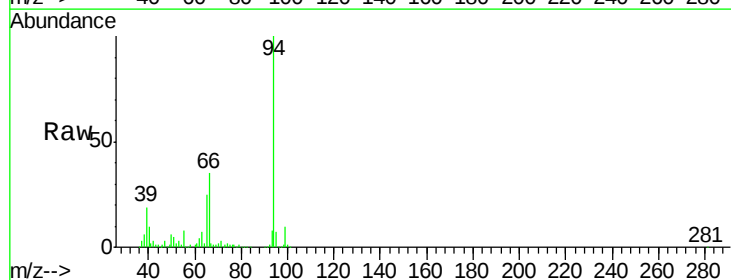
Tgt Ion: 94 Resp: 519411

Ion Ratio Lower Upper

94 100

65 25.2 21.4 61.4

66 34.6 44.0 84.0#

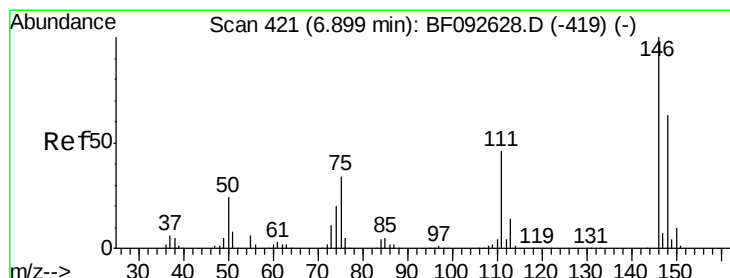
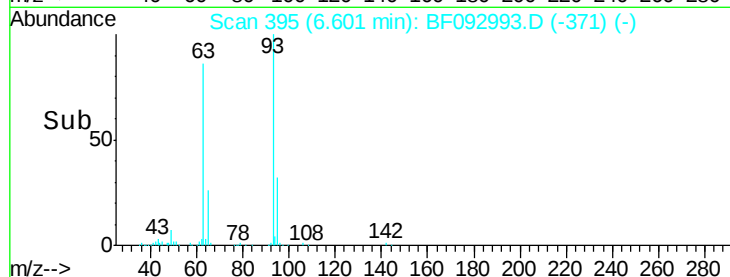
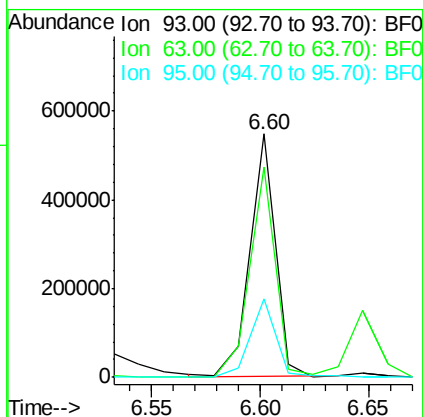
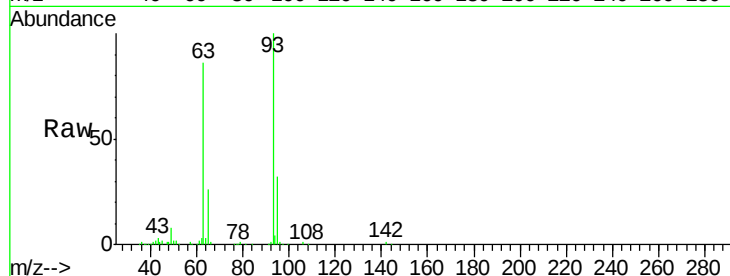




#11
bis(2-Chloroethyl)ether
Concen: 42.56 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

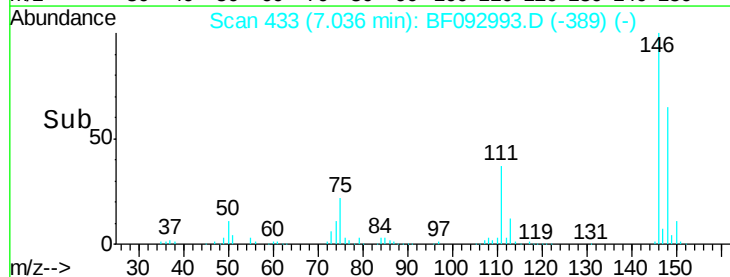
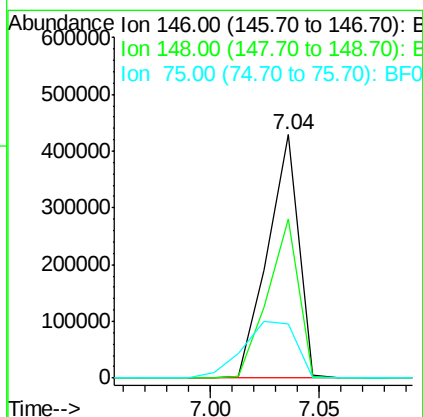
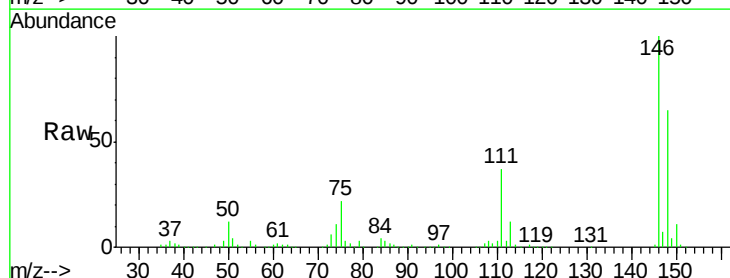
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

Tgt Ion: 93 Resp: 442591
Ion Ratio Lower Upper
93 100
63 86.4 60.4 100.4
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.58 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.21 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion: 146 Resp: 431411
Ion Ratio Lower Upper
146 100
148 65.5 53.4 80.0
75 22.3 18.5 27.7

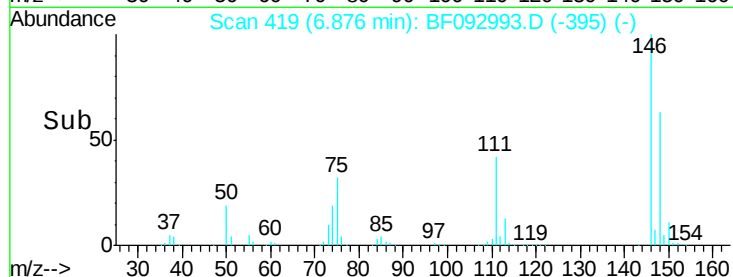
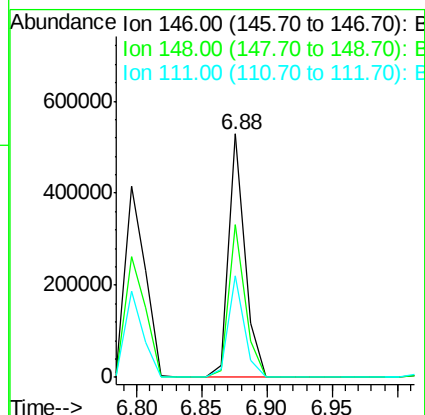
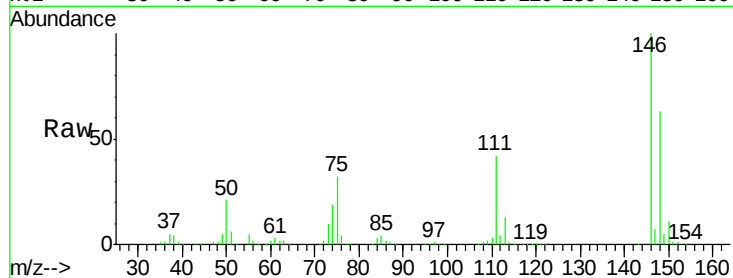




#13
 1,4-Dichlorobenzene
 Concen: 40.98 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

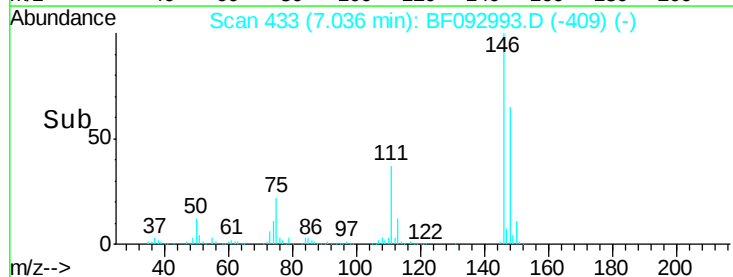
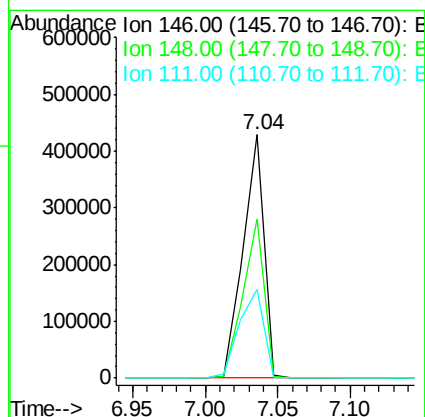
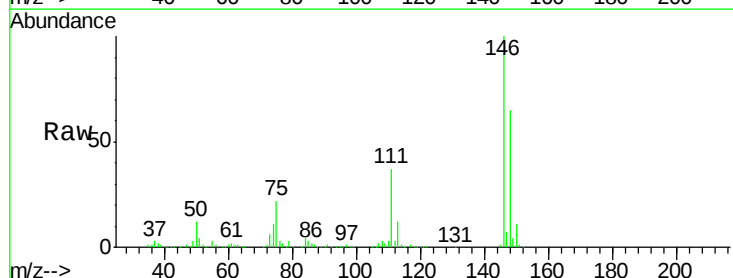
Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMSD

Tgt Ion:146 Resp: 463785
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 76.0
 111 41.7 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 39.89 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Tgt Ion:146 Resp: 431670
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.2 78.2
 111 36.7 36.2 54.2





#15

Benzyl Alcohol

Concen: 42.41 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

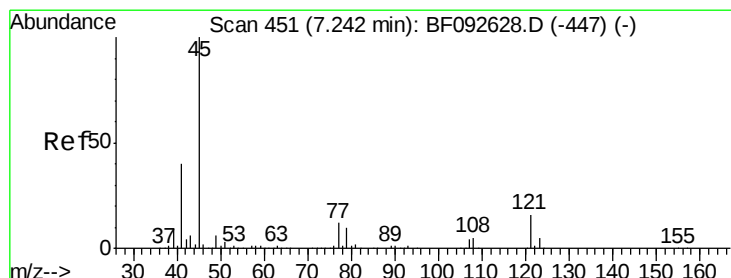
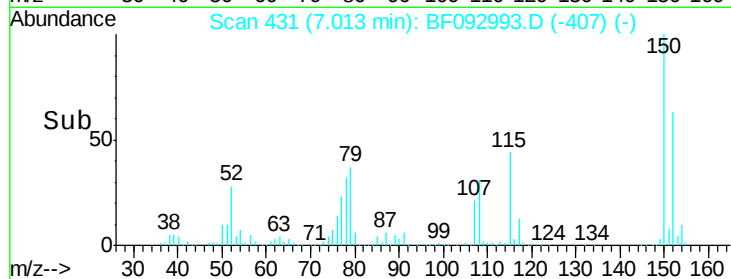
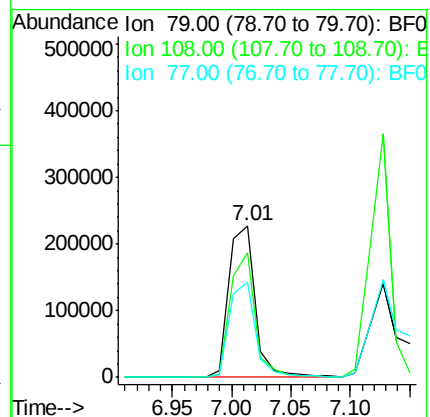
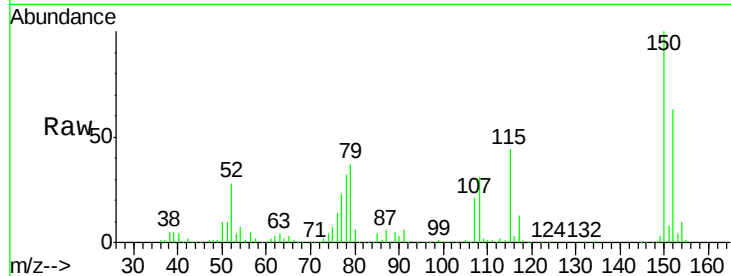
Tgt Ion: 79 Resp: 349617

Ion Ratio Lower Upper

79 100

108 82.2 61.4 92.0

77 62.9 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.37 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

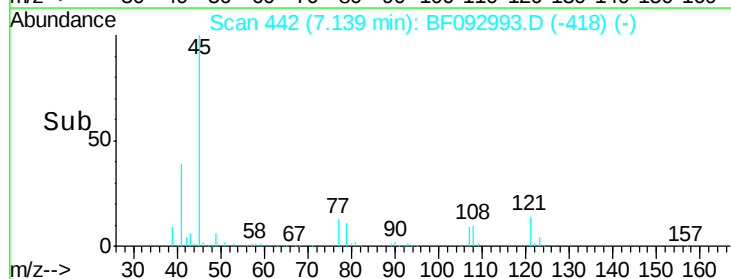
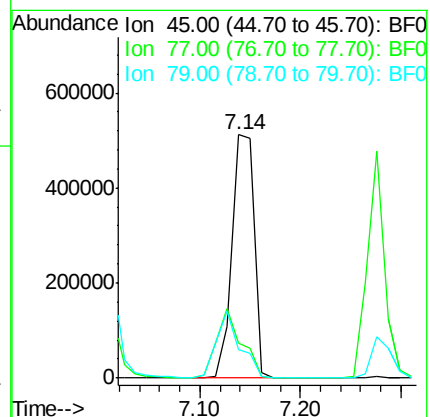
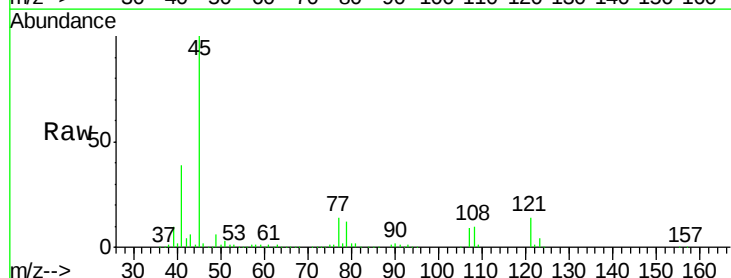
Tgt Ion: 45 Resp: 783493

Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.6

79 11.7 0.0 31.2

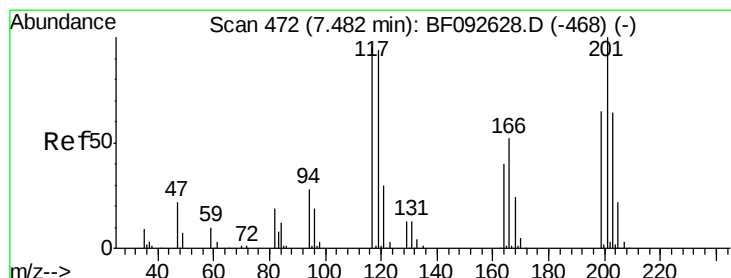
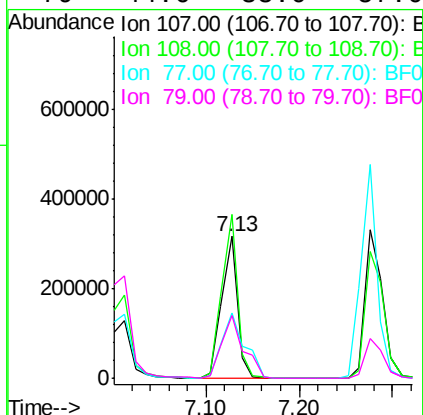
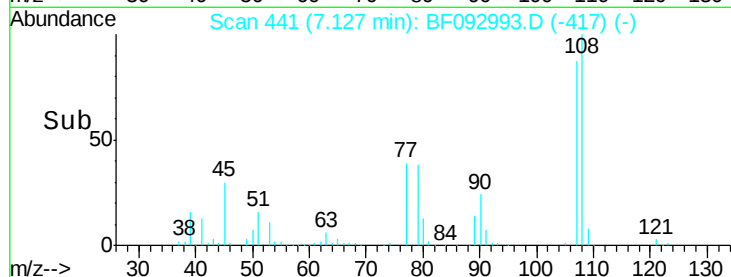
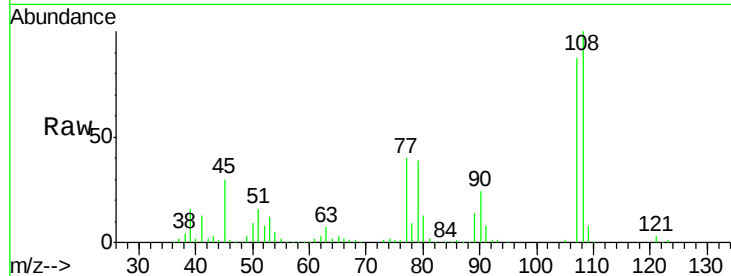




#17
2-Methylphenol
Concen: 45.46 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

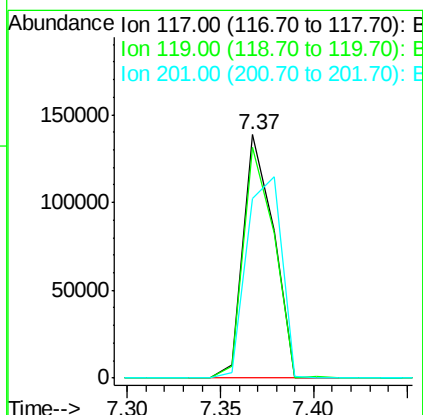
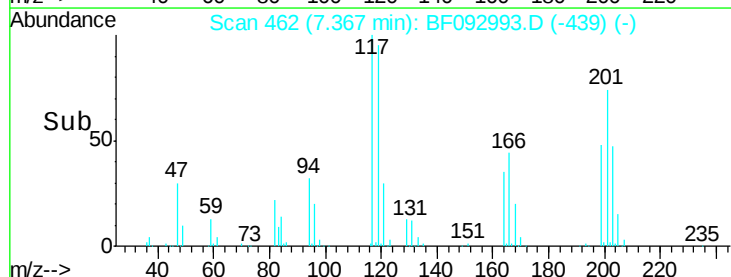
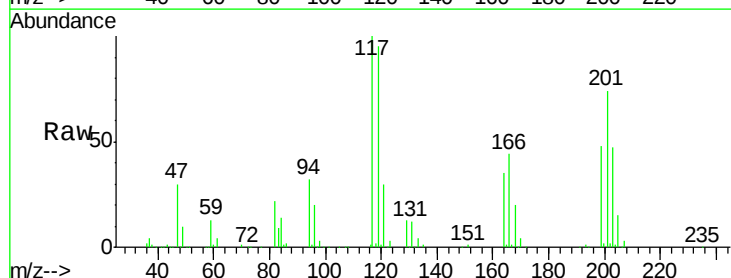
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.4	93.0	139.6
77	46.0	39.8	59.8
79	44.6	38.0	57.0



#18
Hexachloroethane
Concen: 40.99 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	78.1	117.1
201	73.6	78.6	117.8#

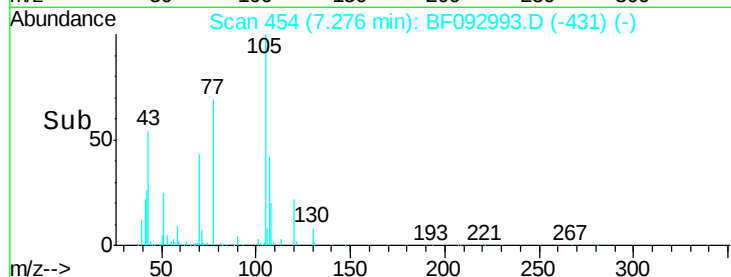
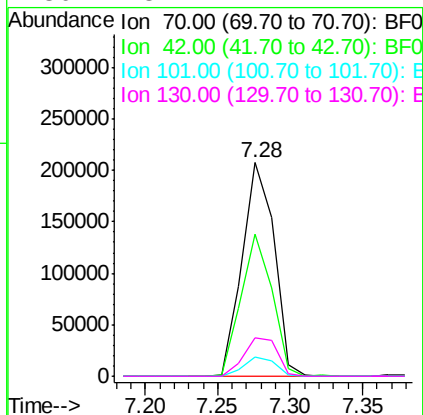
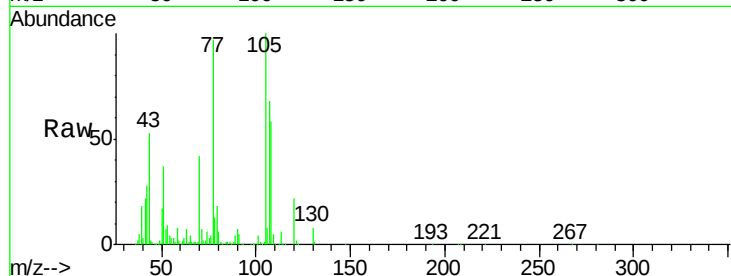




#19
n-Nitroso-di-n-propylamine
Concen: 44.73 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

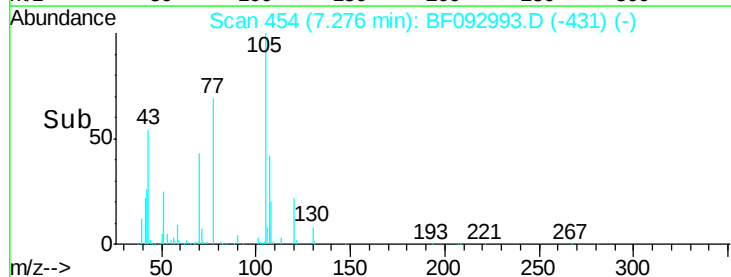
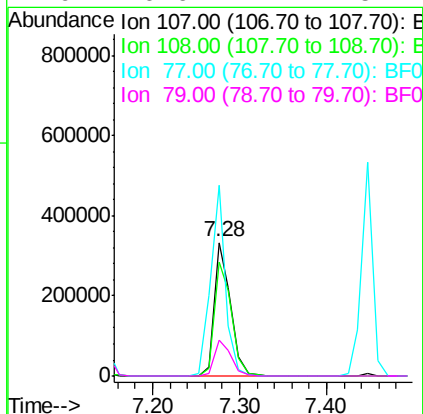
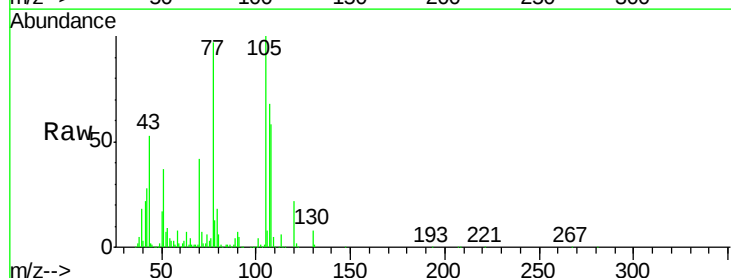
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

Tgt Ion:	70	Resp:	317066
Ion	Ratio	Lower	Upper
70	100		
42	66.5	49.4	74.0
101	8.9	7.4	11.2
130	18.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 44.68 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion:	107	Resp:	437569
Ion	Ratio	Lower	Upper
107	100		
108	85.2	73.0	113.0
77	143.3	71.3	111.3#
79	26.6	11.1	51.1

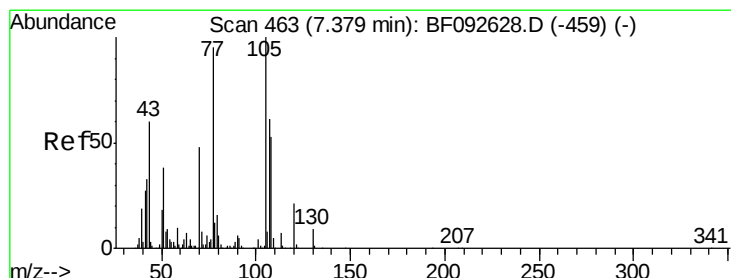
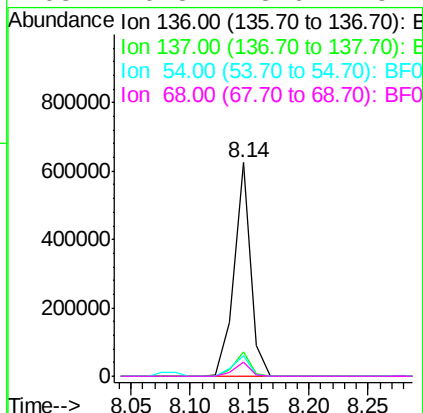
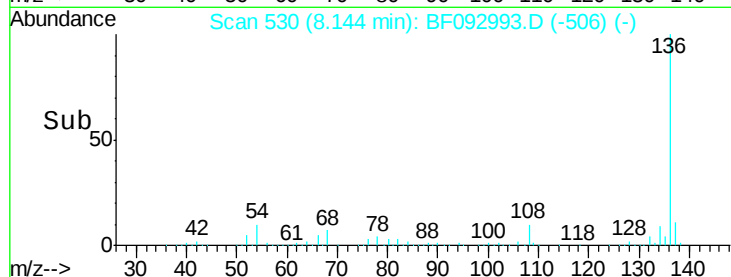
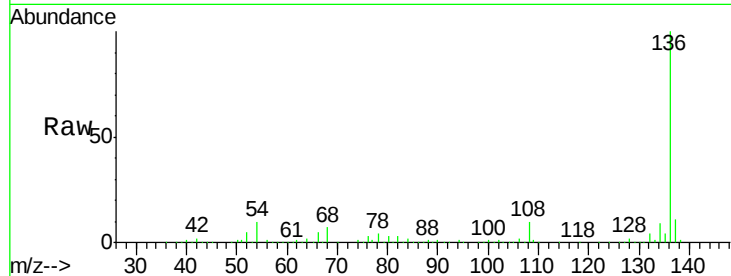




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

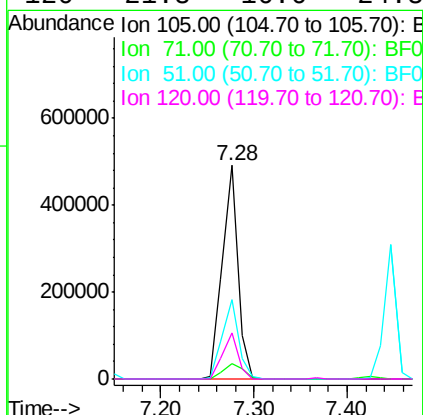
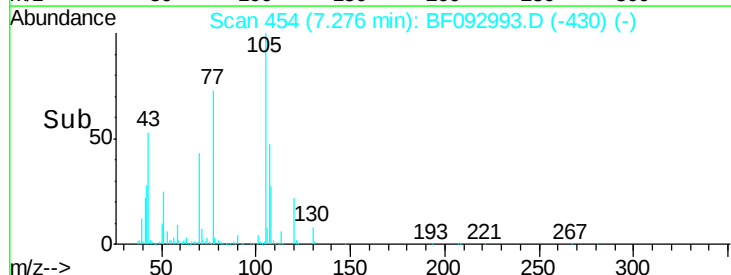
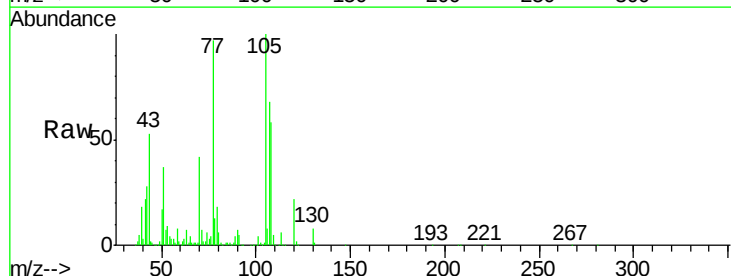
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

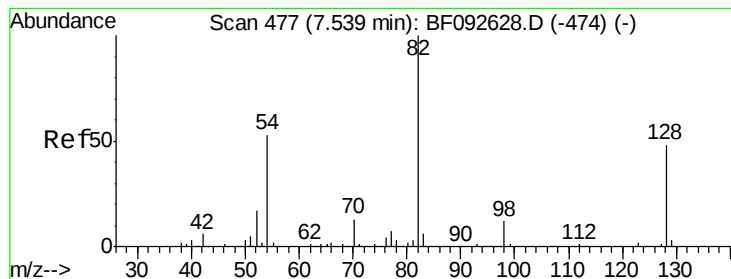
Tgt Ion:	136	Resp:	602443
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	9.9	4.5	6.7#
68	6.8	3.6	5.4#



#22
Acetophenone
Concen: 41.53 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion:	105	Resp:	571247
Ion Ratio	Lower	Upper	
105	100		
71	7.1	3.2	4.8#
51	37.0	26.2	39.4
120	21.8	16.6	24.8





#23

Nitrobenzene-d5

Concen: 89.59 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

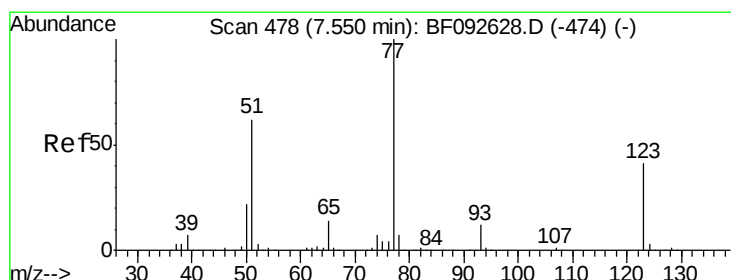
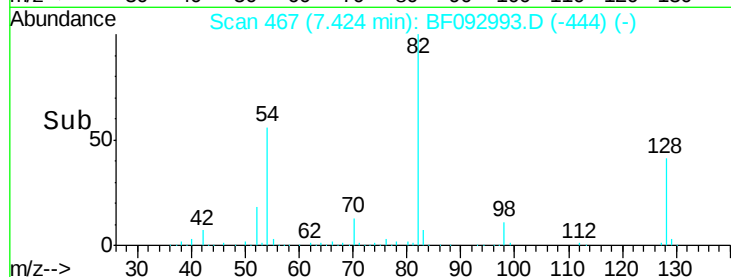
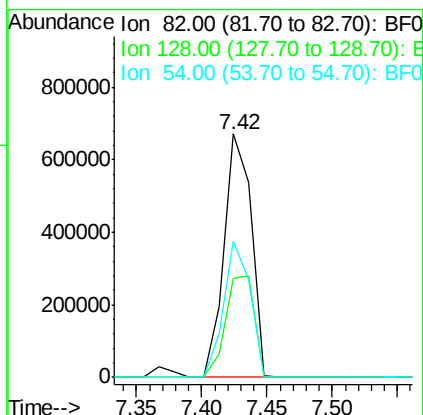
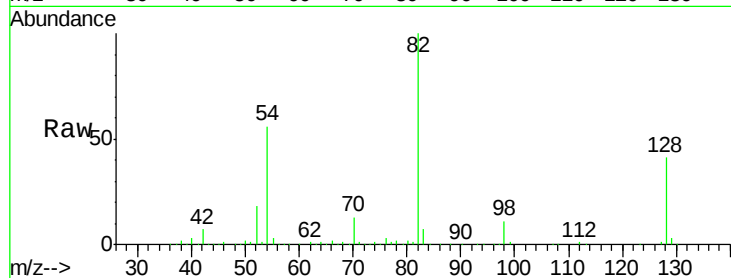
Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

Tgt Ion:	82	Resp:	969210
Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	52.0
54	56.1	39.5	59.3



#24

Nitrobenzene

Concen: 42.80 ng

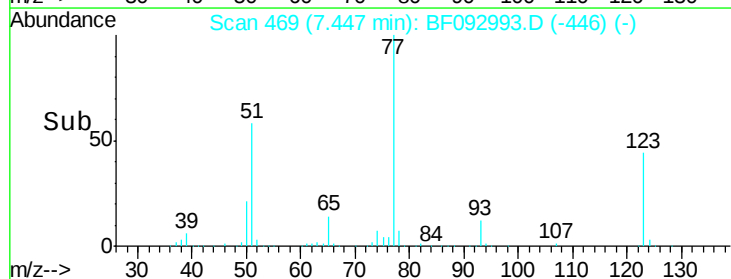
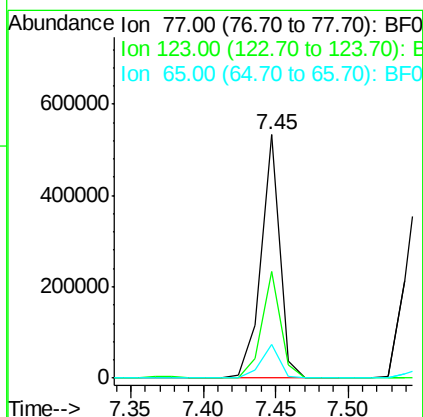
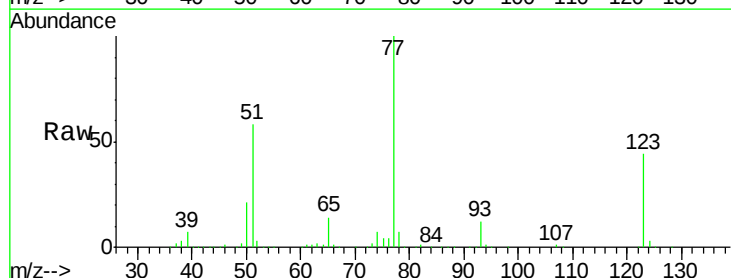
RT: 7.45 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Tgt Ion:	77	Resp:	475462
Ion	Ratio	Lower	Upper
77	100		
123	44.0	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 45.52 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

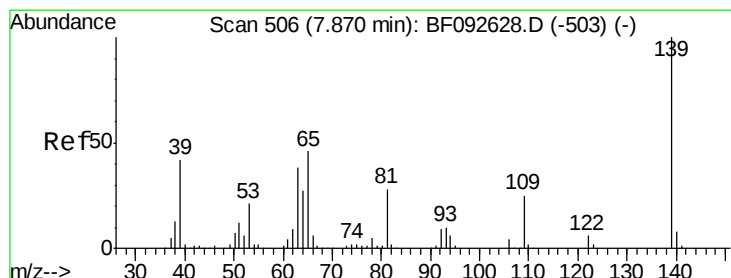
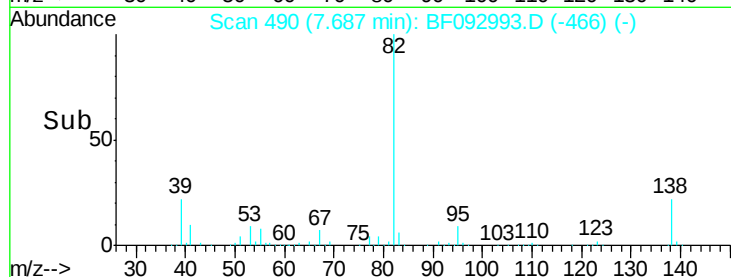
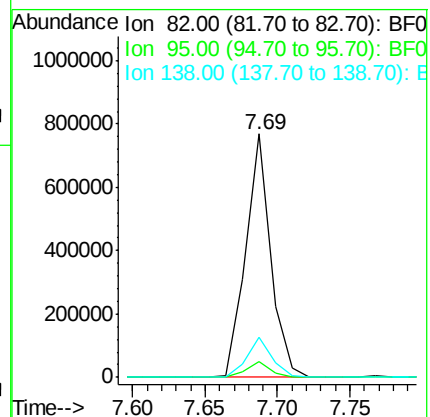
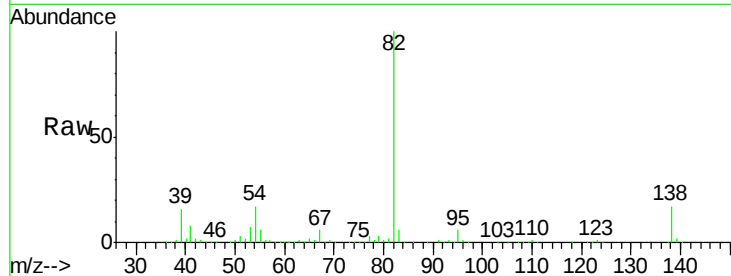
Tgt Ion: 82 Resp: 917726

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 16.7 14.6 22.0



#26

2-Nitrophenol

Concen: 48.35 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

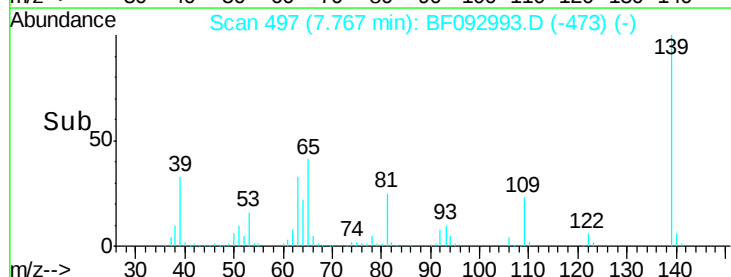
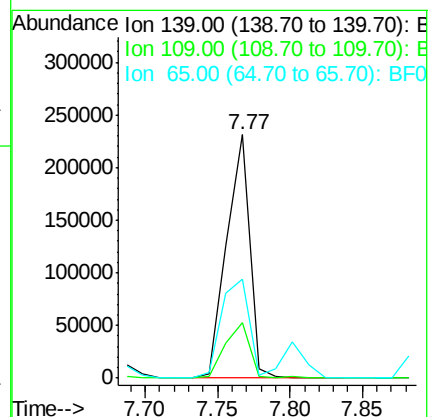
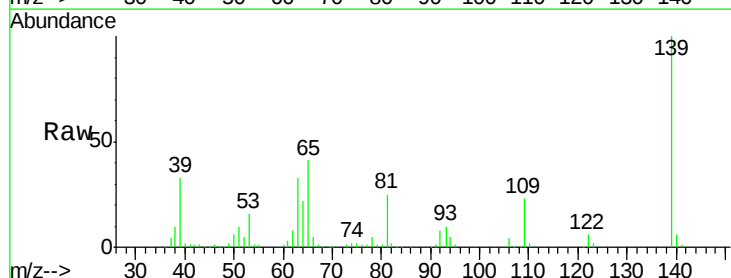
Tgt Ion: 139 Resp: 255308

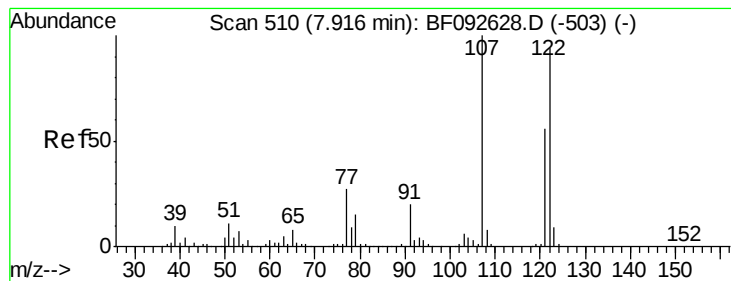
Ion Ratio Lower Upper

139 100

109 22.5 23.3 34.9#

65 40.5 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 43.33 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

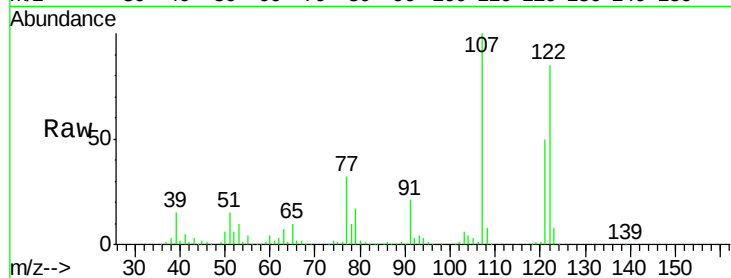
Tgt Ion:122 Resp: 401802

Ion Ratio Lower Upper

122 100

107 117.6 94.1 141.1

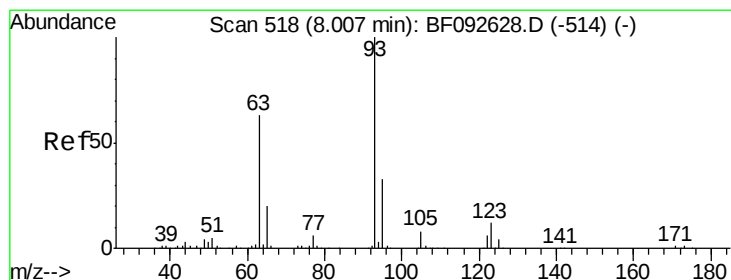
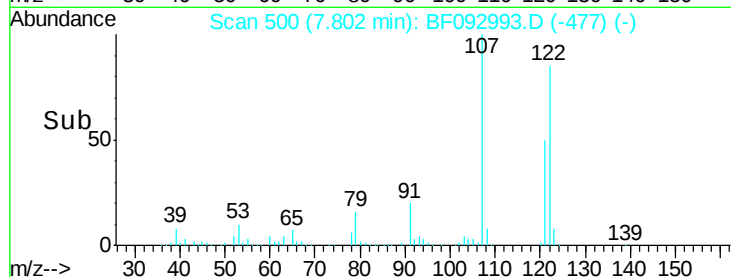
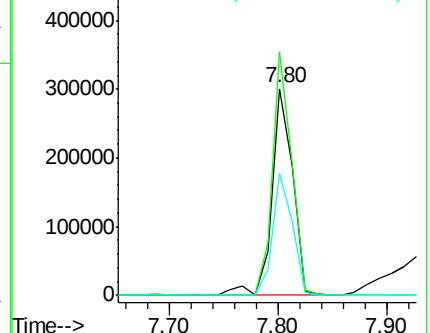
121 58.6 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.47 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

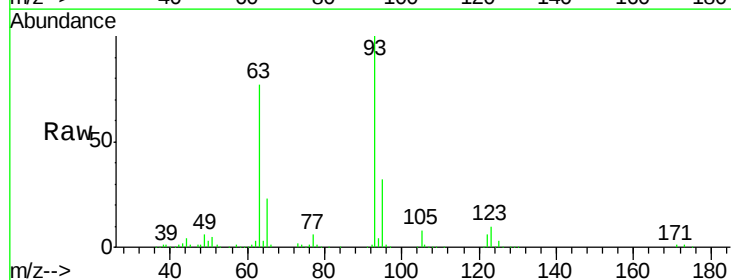
Tgt Ion: 93 Resp: 566965

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

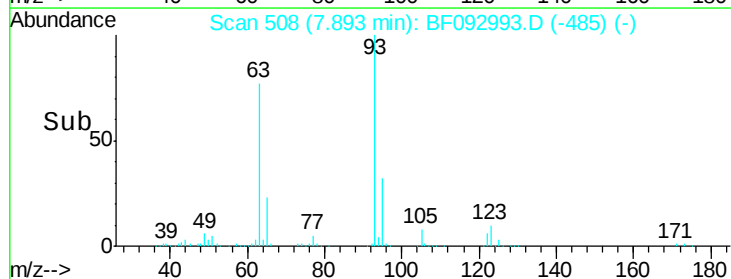
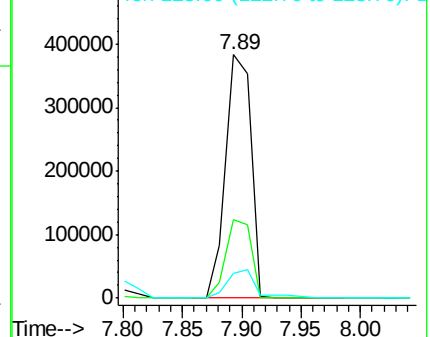
123 10.3 8.6 13.0

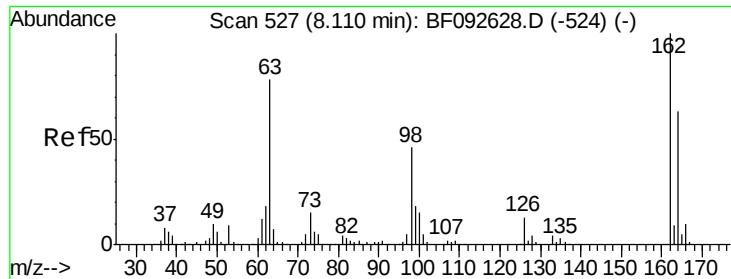


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

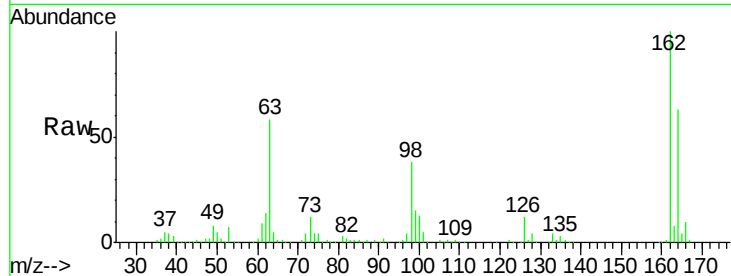




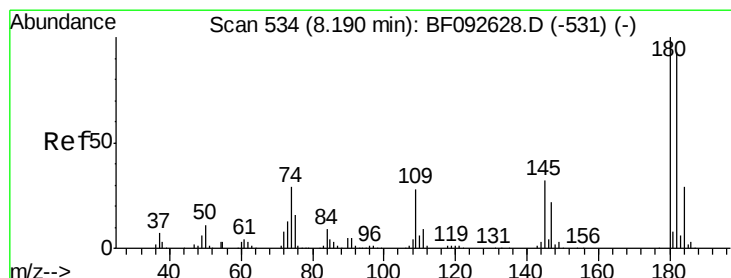
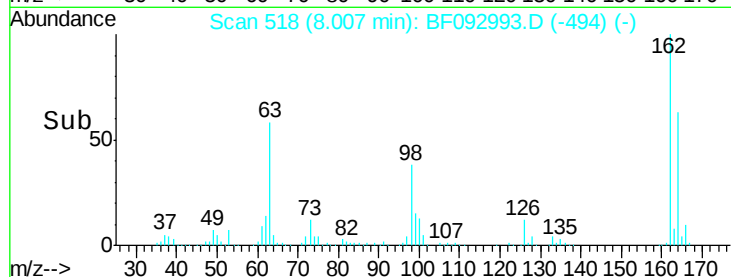
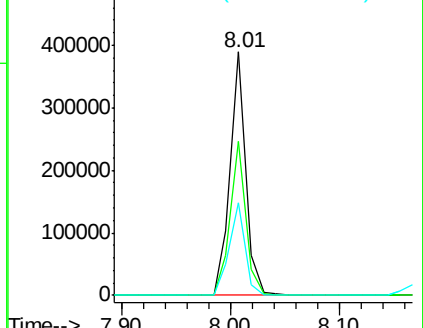
#29
2,4-Dichlorophenol
Concen: 44.91 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	46.8	86.8
98	38.1	9.1	49.1

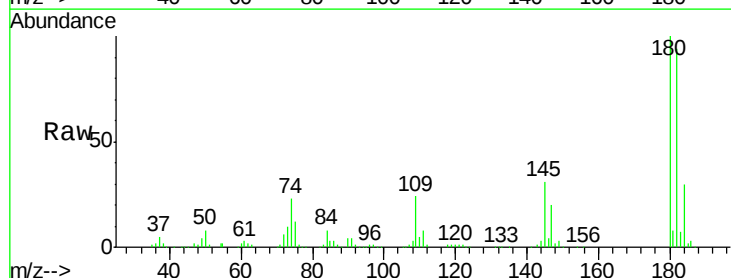


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

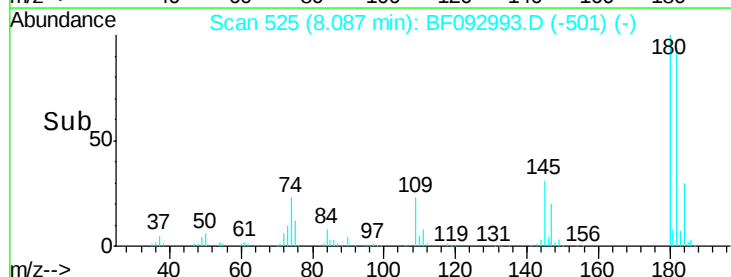
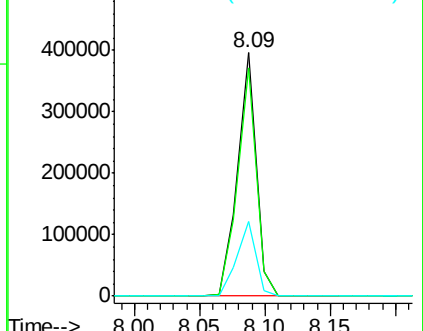


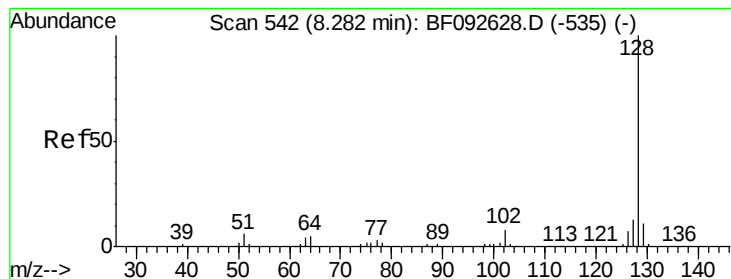
#30
1,2,4-Trichlorobenzene
Concen: 42.17 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	78.2	117.4
145	30.7	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.09 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

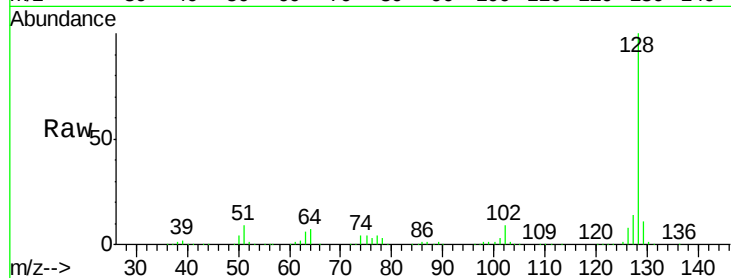
Tgt Ion:128 Resp: 1254977

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

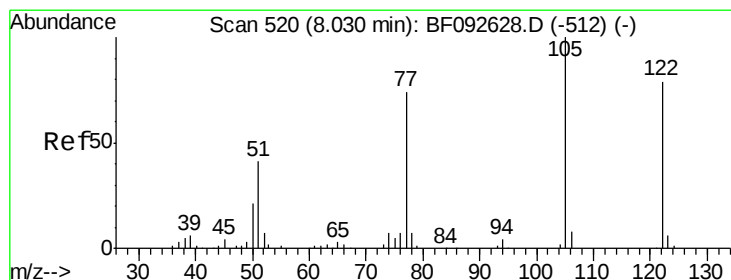
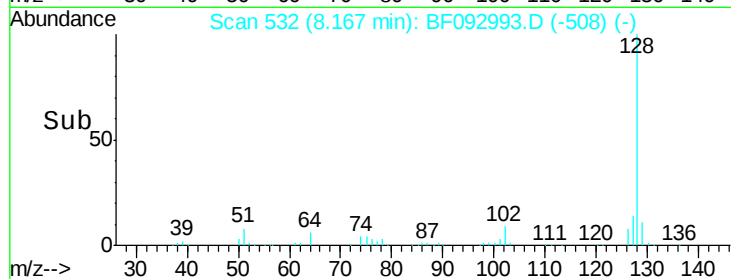
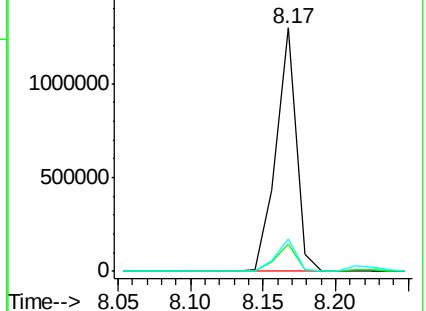
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.19 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

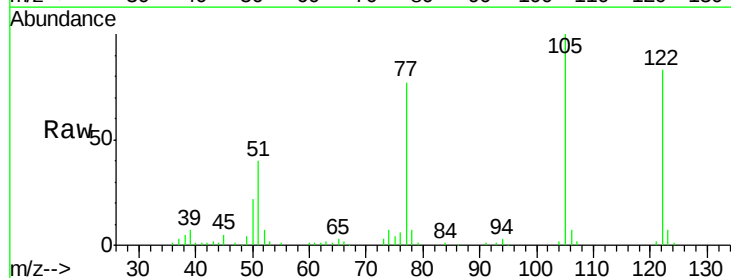
Tgt Ion:122 Resp: 191613

Ion Ratio Lower Upper

122 100

105 120.6 107.2 147.2

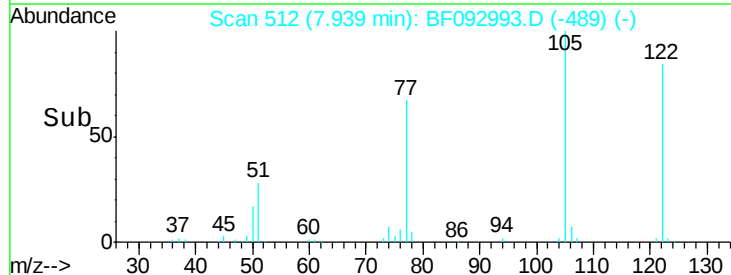
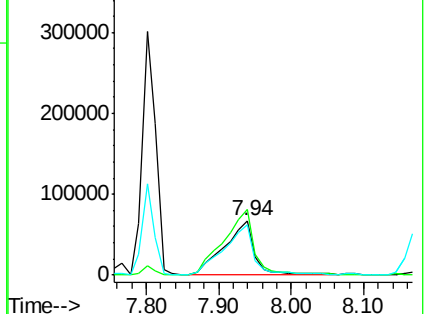
77 93.3 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

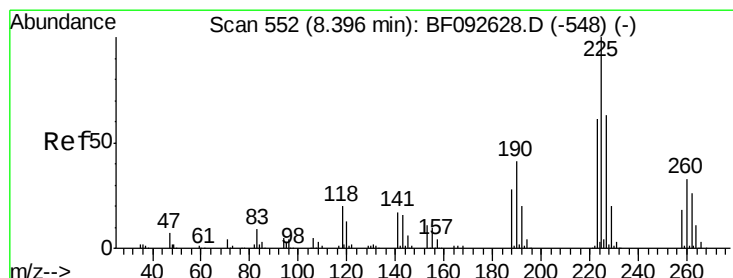
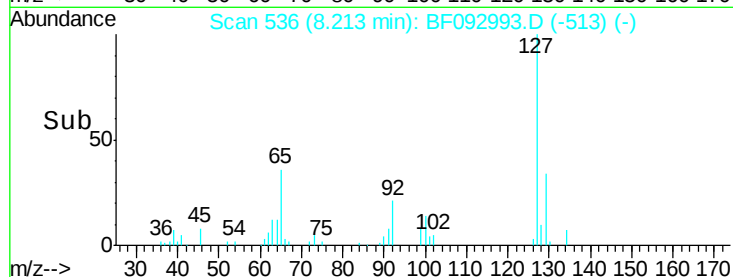
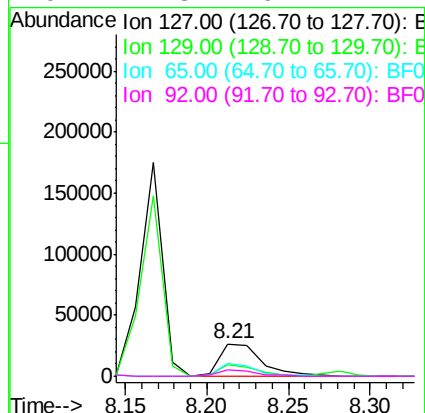
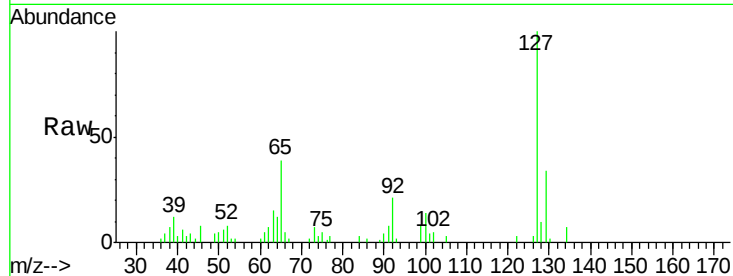




#33
4-Chloroaniline
Concen: 3.95 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.03 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

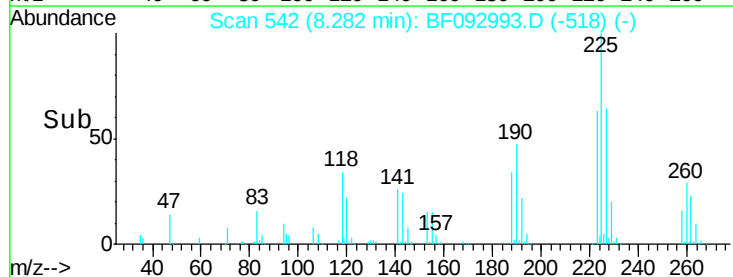
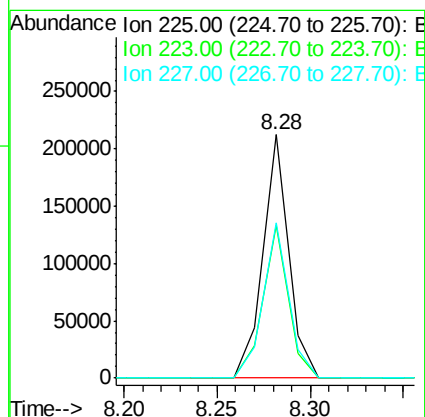
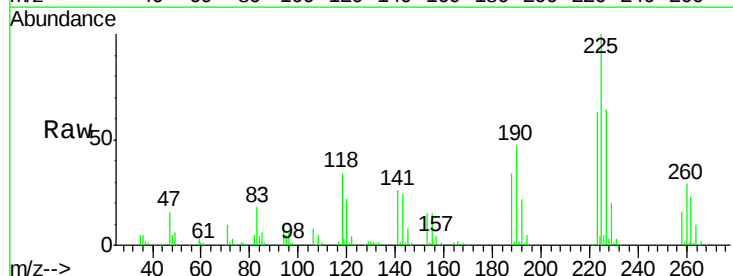
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

Tgt Ion:	127	Resp:	47294
Ion	Ratio	Lower	Upper
127	100		
129	34.1	26.3	39.5
65	39.1	25.8	38.8#
92	21.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.25 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion:	225	Resp:	201288
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.0	76.6
227	64.0	50.6	76.0

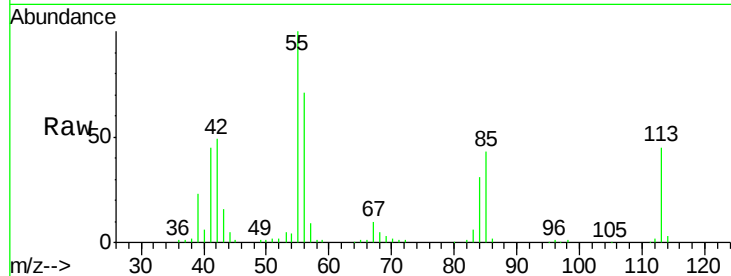




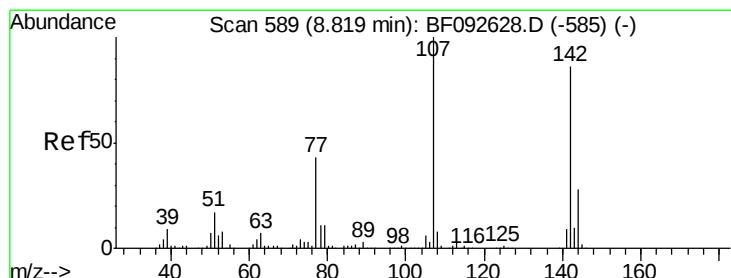
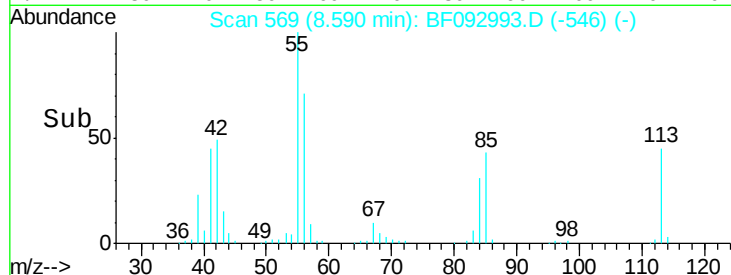
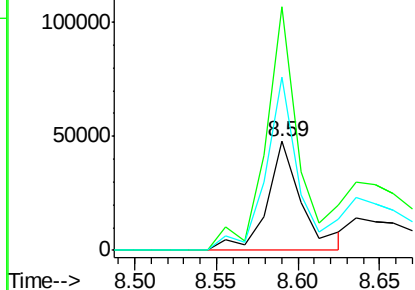
#35
 Caprolactam
 Concen: 26.09 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMSD

Tgt Ion:113 Resp: 70968
 Ion Ratio Lower Upper
 113 100
 55 223.3 119.2 159.2#
 56 159.0 83.8 123.8#

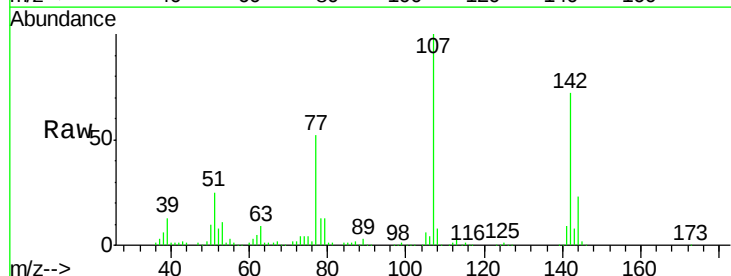


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

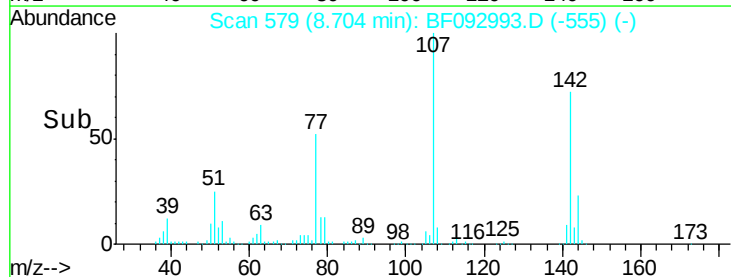
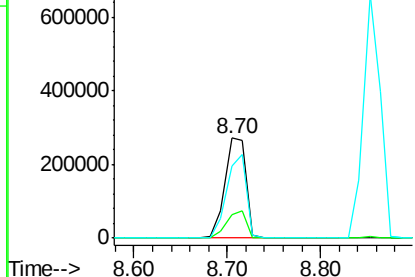


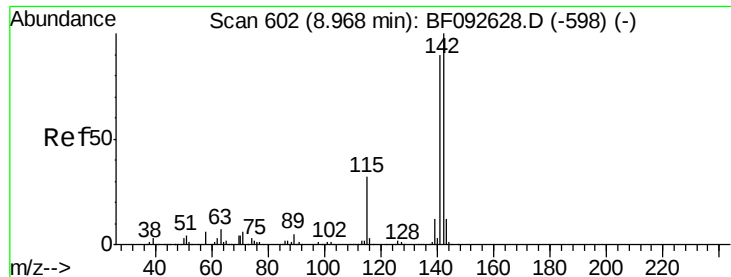
#36
 4-Chloro-3-methylphenol
 Concen: 47.92 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Tgt Ion:107 Resp: 432100
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.3 28.9
 142 71.8 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

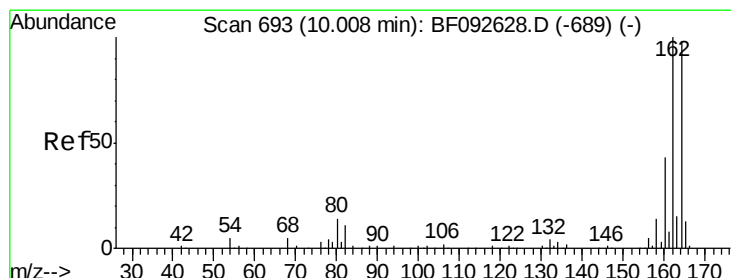
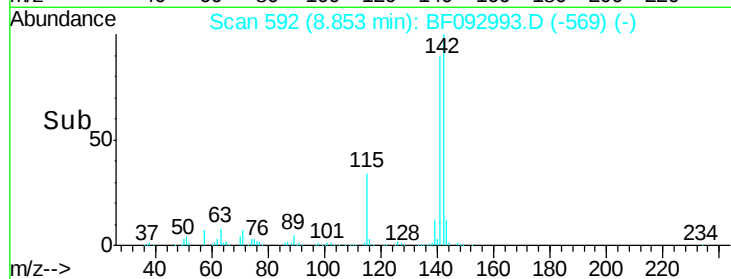
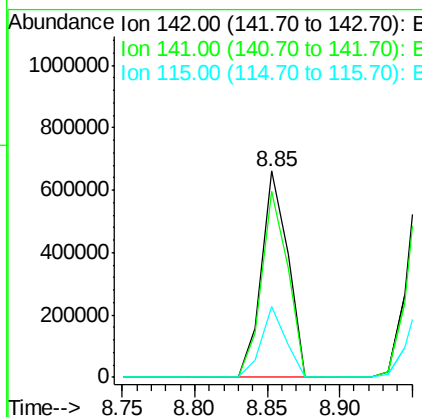
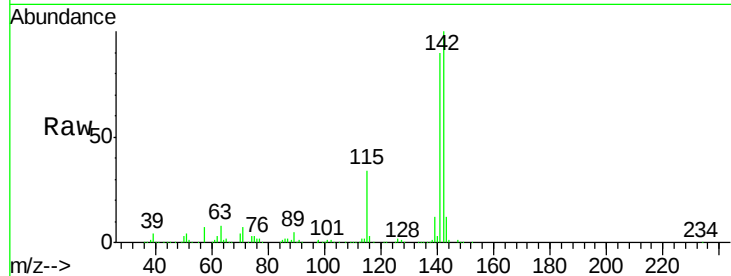




#37
 2-Methylnaphthalene
 Concen: 42.80 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.03 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

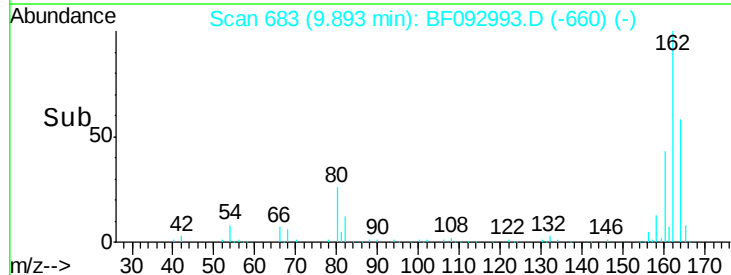
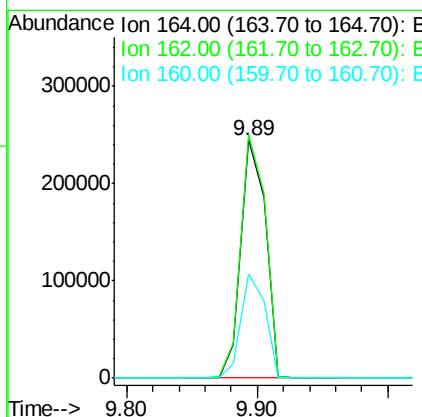
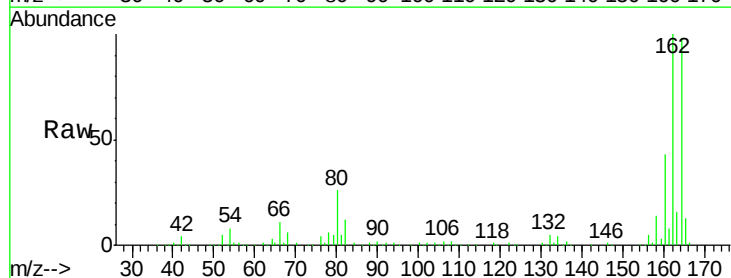
Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMSD

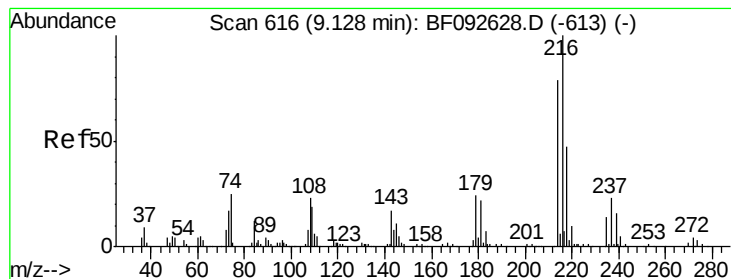
Tgt Ion:142 Resp: 839293
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.0 106.6
 115 34.1 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.03 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Tgt Ion:164 Resp: 321067
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.2 120.2
 160 43.5 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.49 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

Tgt Ion:216 Resp: 373950

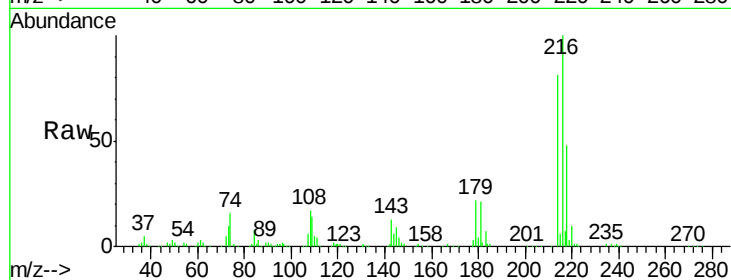
Ion Ratio Lower Upper

216 100

214 80.8 63.4 95.0

179 22.6 17.4 26.2

108 21.0 15.6 23.4

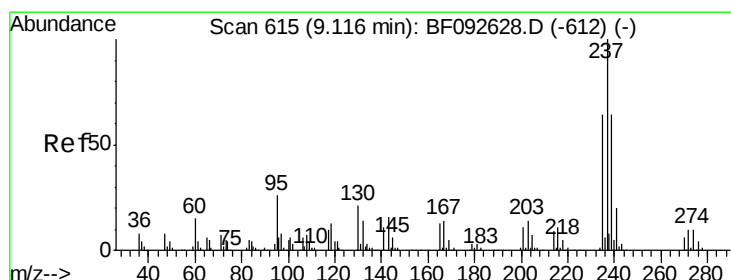
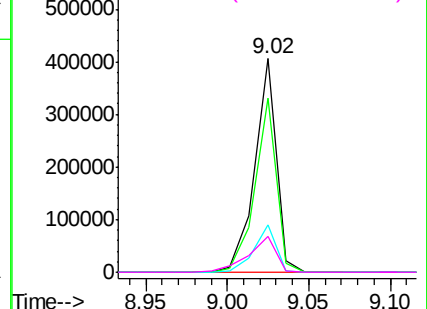
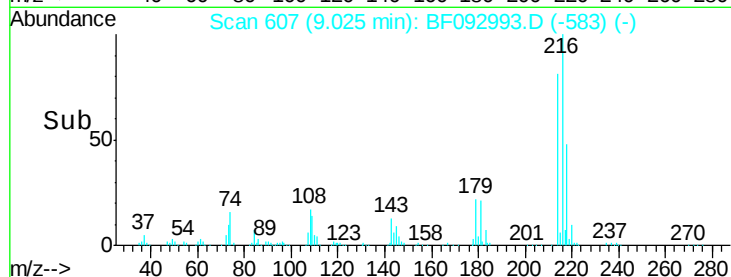


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 80.27 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

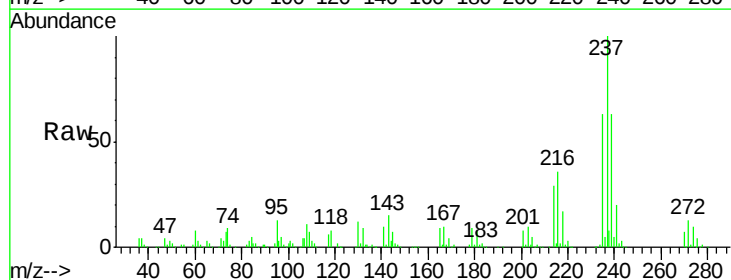
Tgt Ion:237 Resp: 326406

Ion Ratio Lower Upper

237 100

235 63.4 41.2 81.2

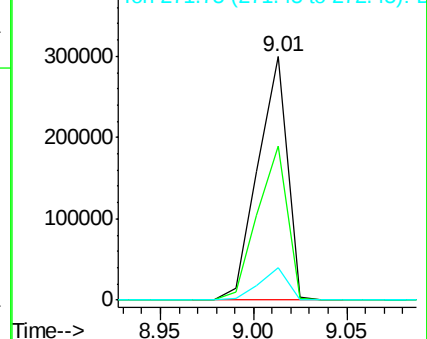
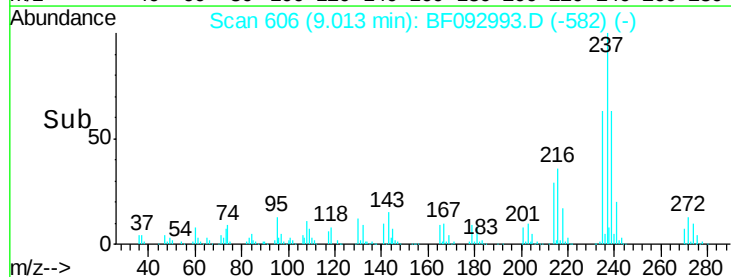
272 13.3 0.0 35.4

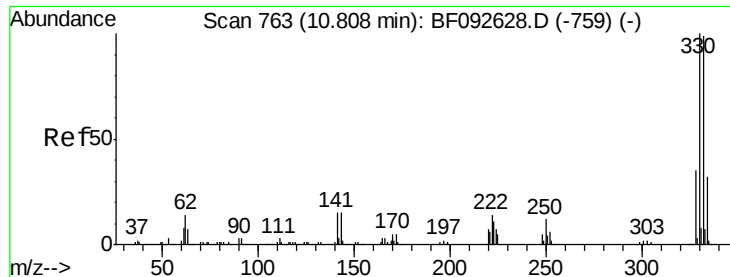


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

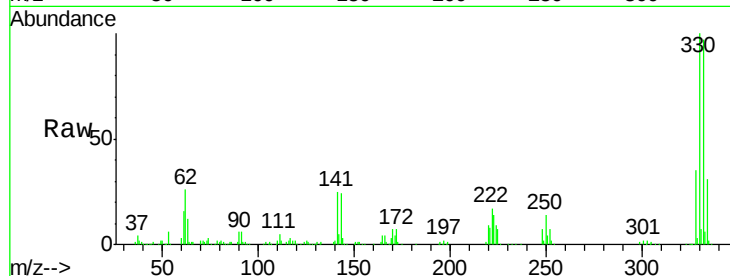




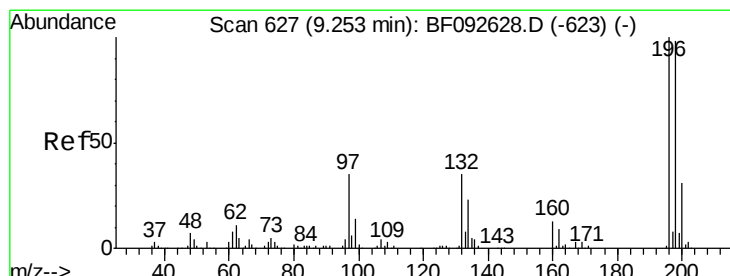
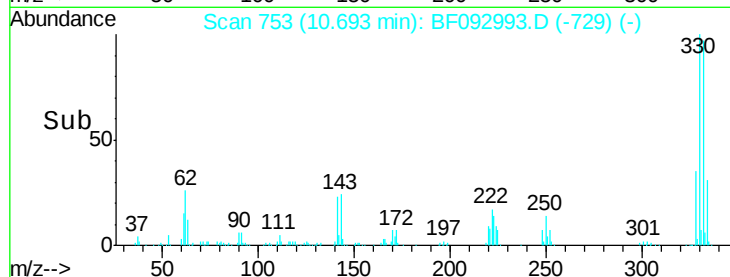
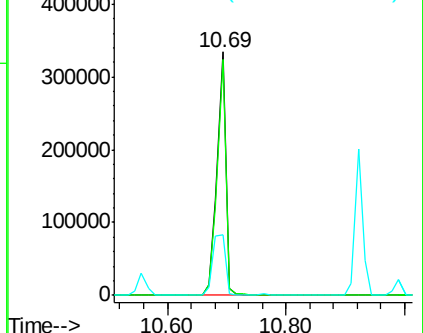
#41
 2,4,6-Tribromophenol
 Concen: 147.59 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMSD

Tgt Ion:330 Resp: 342729
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 36.3 34.1 51.1

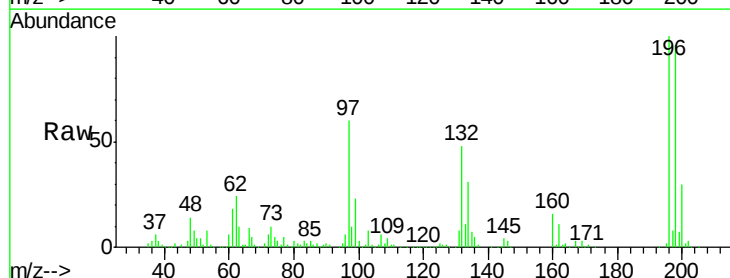


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

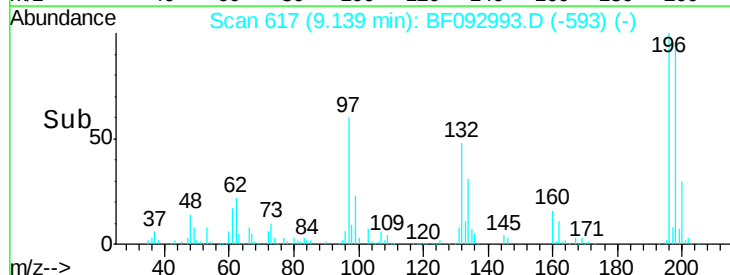
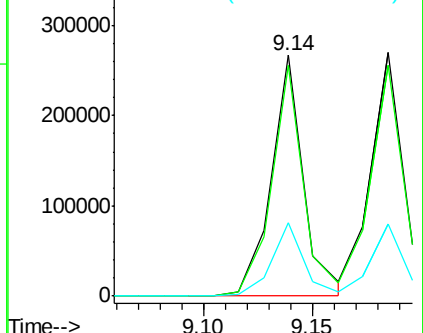


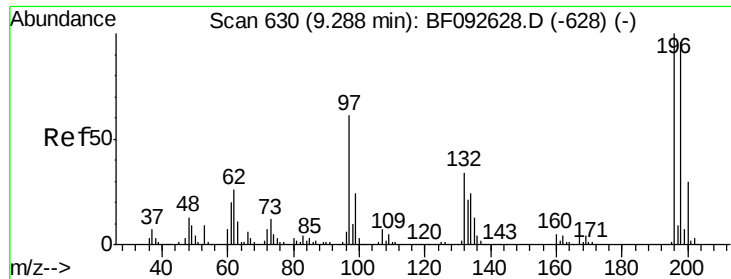
#42
 2,4,6-Trichlorophenol
 Concen: 46.76 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Tgt Ion:196 Resp: 276940
 Ion Ratio Lower Upper
 196 100
 198 96.0 82.1 123.1
 200 30.3 27.0 40.4



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

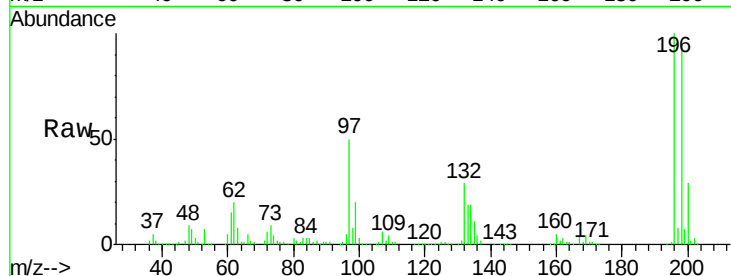




#43
 2,4,5-Trichlorophenol
 Concen: 43.47 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	79.4	119.2
97	50.3	51.5	77.3
132	29.5	27.4	41.2



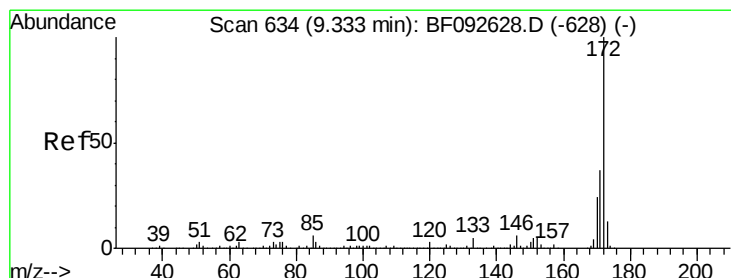
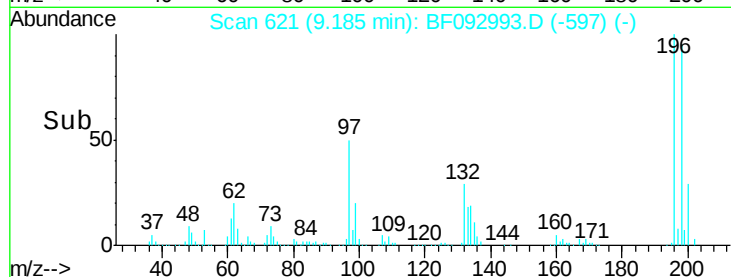
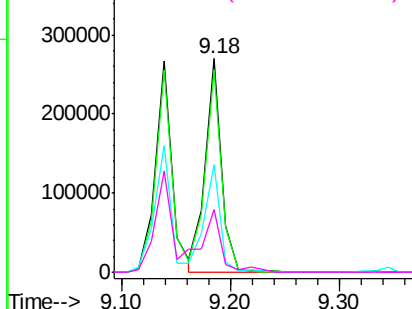
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

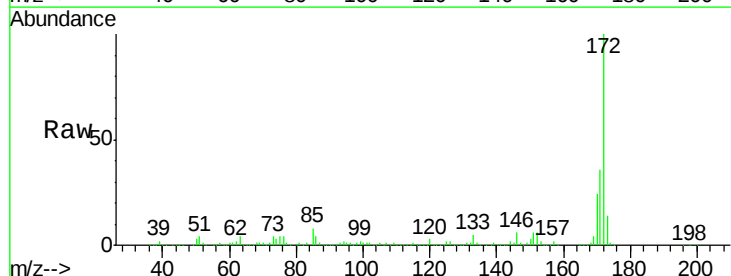
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.34 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.0	20.2	30.4

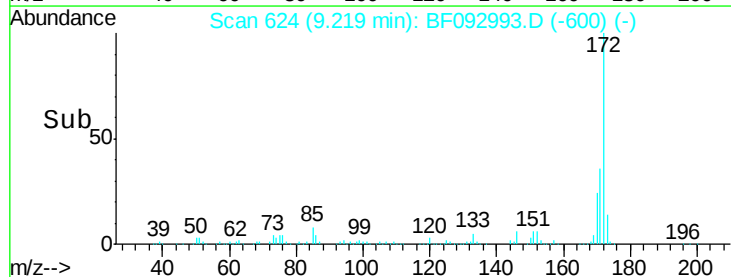
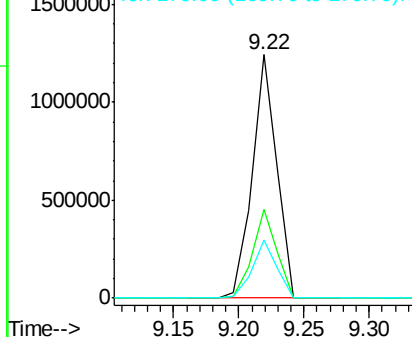


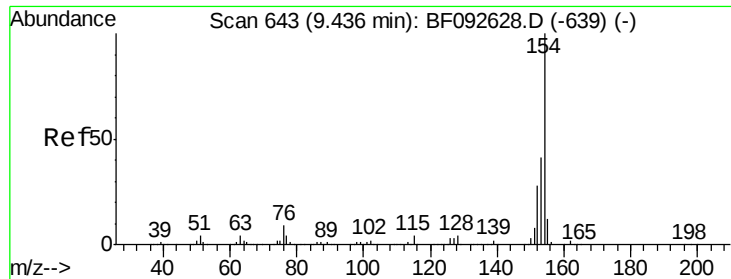
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

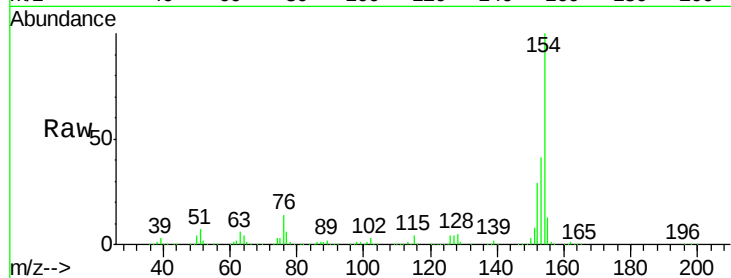




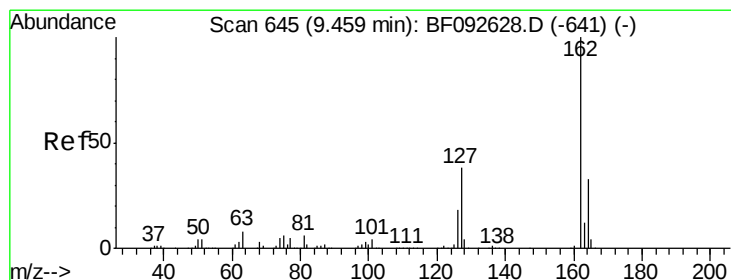
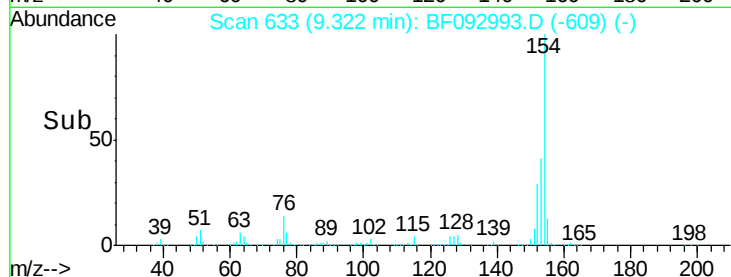
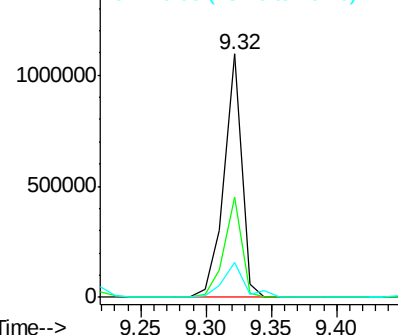
#45
 1,1'-Biphenyl
 Concen: 44.05 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMSD

Tgt Ion:154 Resp: 1024034
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.9 60.9
 76 14.2 0.0 30.5

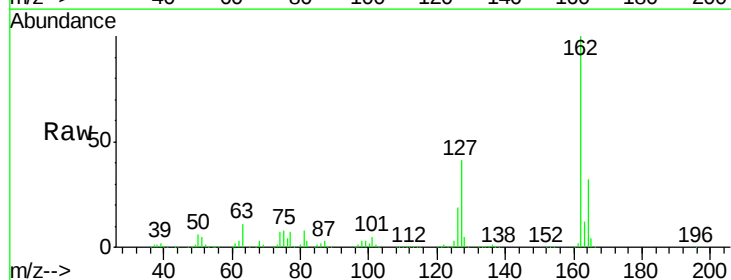


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

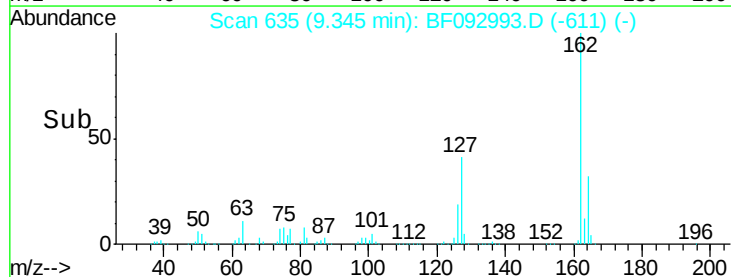
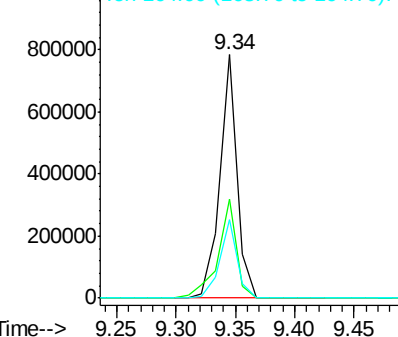


#46
 2-Chloronaphthalene
 Concen: 43.40 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Tgt Ion:162 Resp: 789232
 Ion Ratio Lower Upper
 162 100
 127 40.6 30.7 46.1
 164 32.4 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

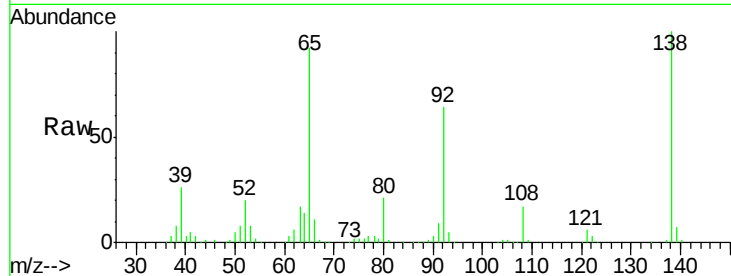




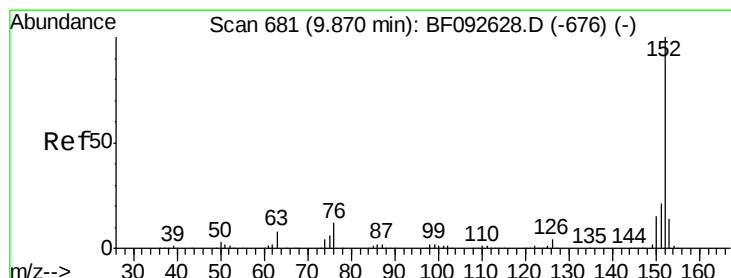
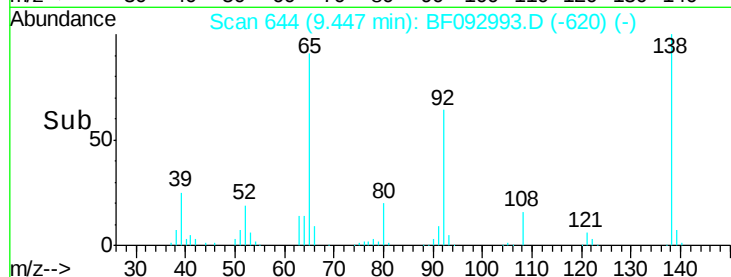
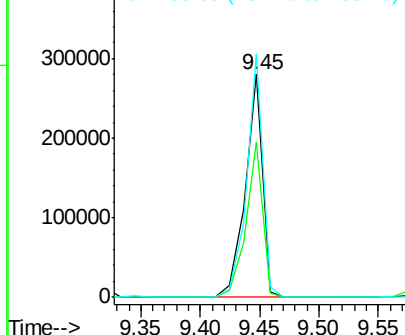
#47
2-Nitroaniline
Concen: 46.60 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

Tgt Ion: 65 Resp: 284953
Ion Ratio Lower Upper
65 100
92 69.5 53.9 80.9
138 109.3 76.8 115.2

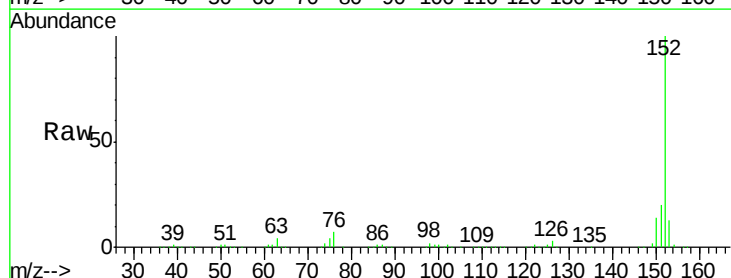


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

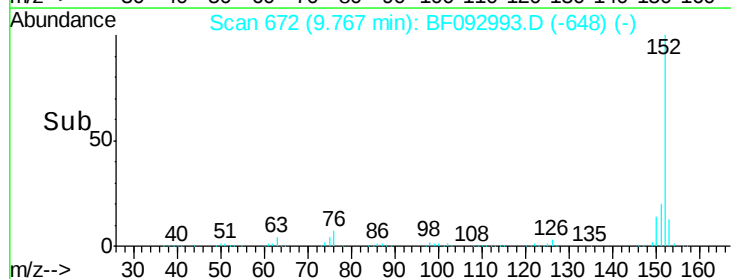
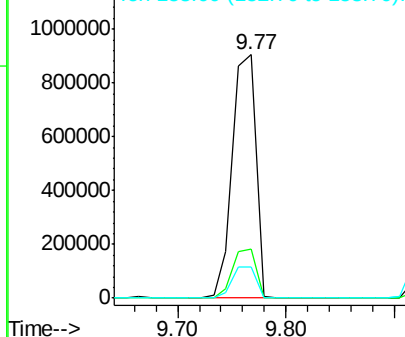


#48
Acenaphthylene
Concen: 42.86 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion: 152 Resp: 1346521
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 12.6 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

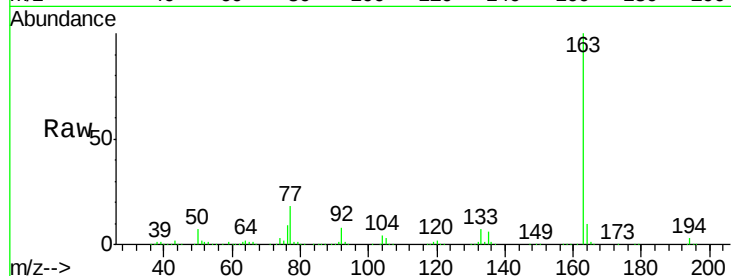




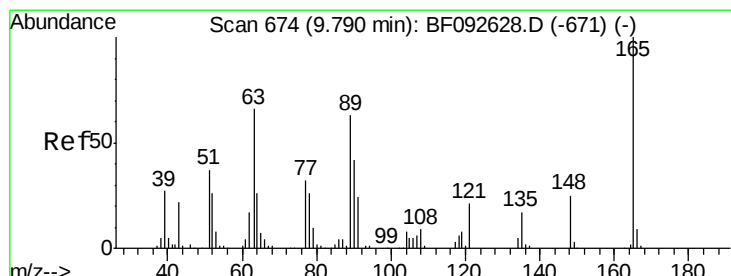
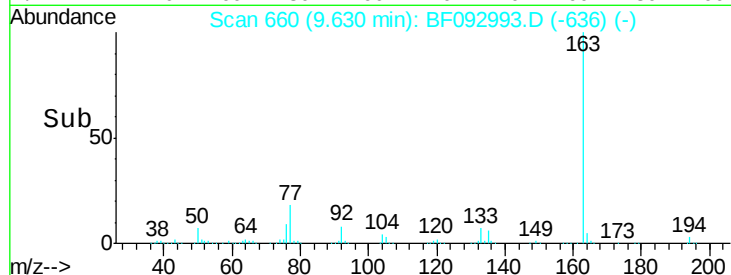
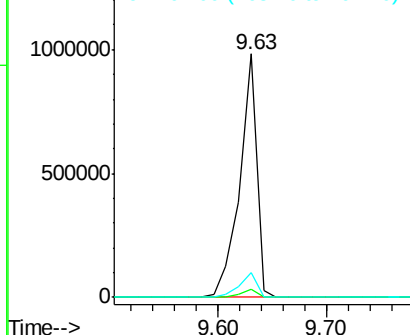
#49
Dimethylphthalate
Concen: 48.67 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

Tgt Ion:163 Resp: 1052547
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.2 8.0 12.0

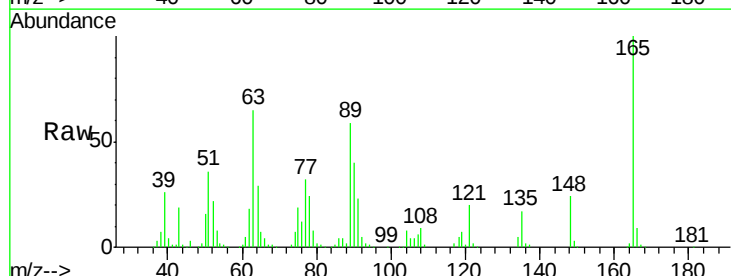


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

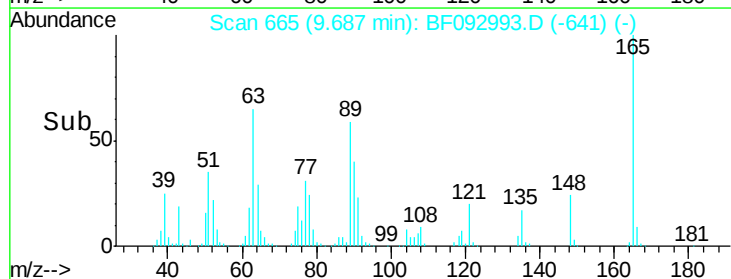
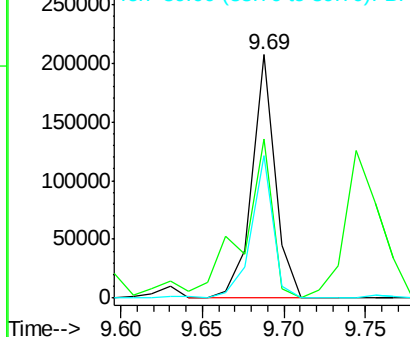


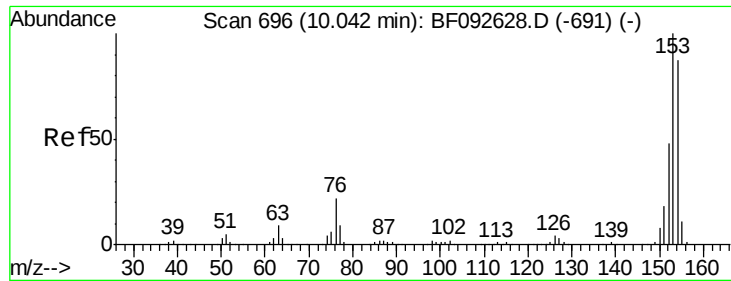
#50
2,6-Dinitrotoluene
Concen: 44.05 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion:165 Resp: 205720
Ion Ratio Lower Upper
165 100
63 65.2 36.2 54.4#
89 58.5 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: 47.09 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

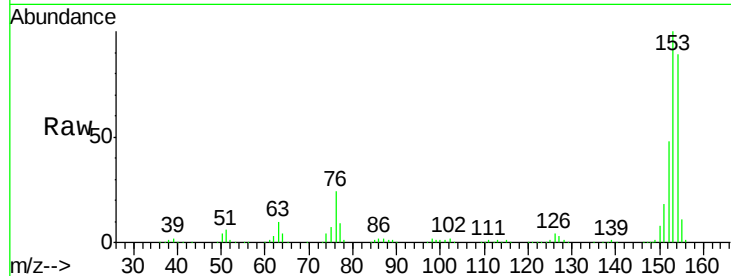
Tgt Ion:154 Resp: 884581

Ion Ratio Lower Upper

154 100

153 112.5 88.6 133.0

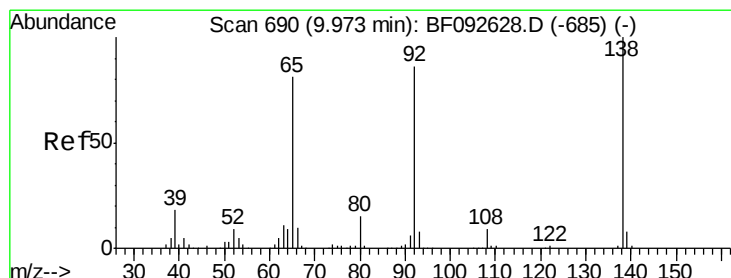
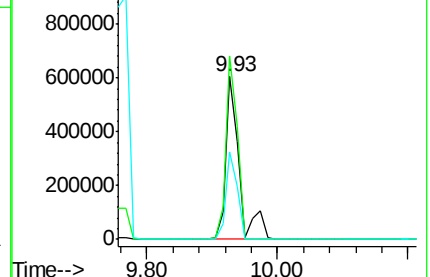
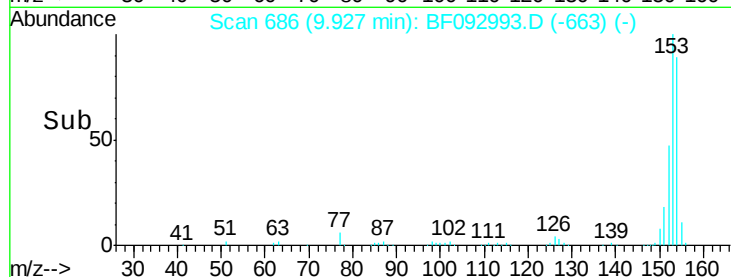
152 53.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.66 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

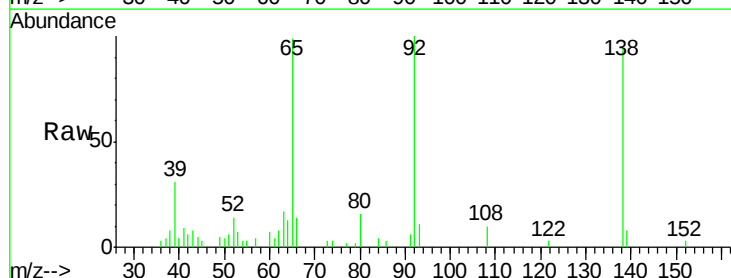
Tgt Ion:138 Resp: 19561

Ion Ratio Lower Upper

138 100

108 10.5 8.5 12.7

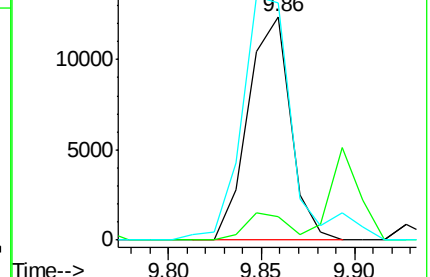
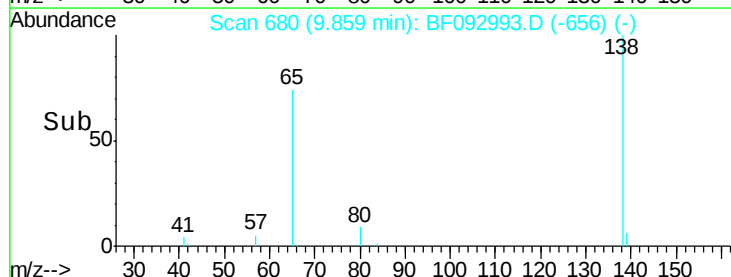
92 106.4 97.8 146.8

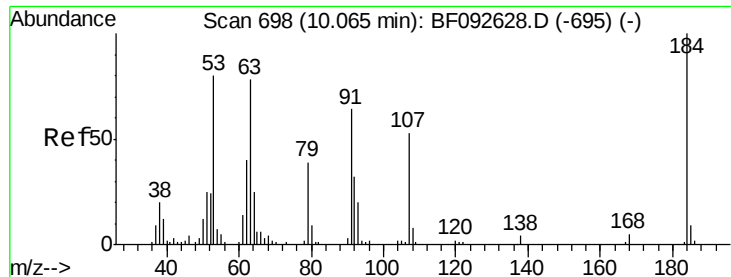


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

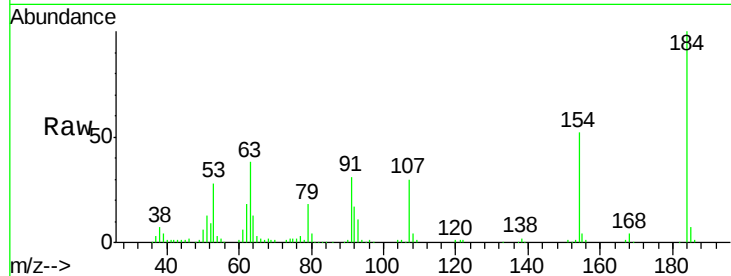




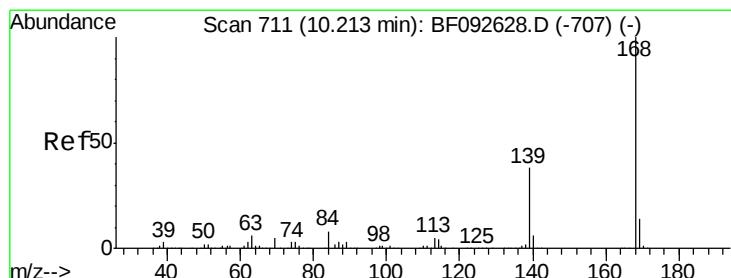
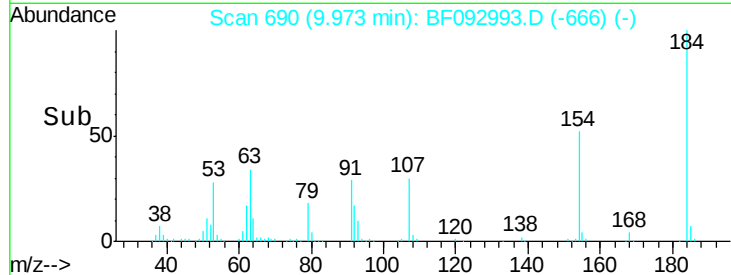
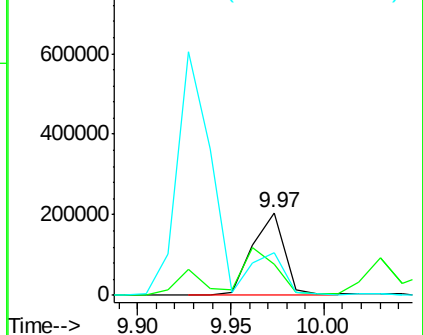
#53
 2,4-Dinitrophenol
 Concen: 101.94 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMSD

Tgt Ion:184 Resp: 245478
 Ion Ratio Lower Upper
 184 100
 63 38.4 28.4 42.6
 154 51.7 44.3 66.5

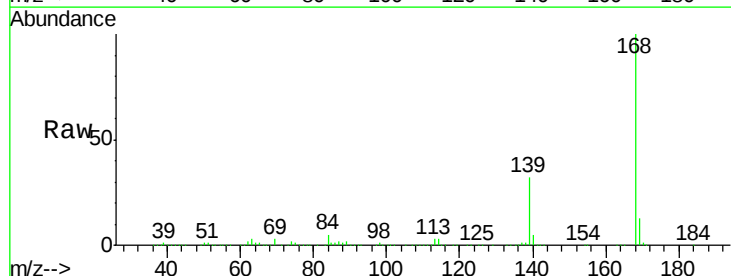


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

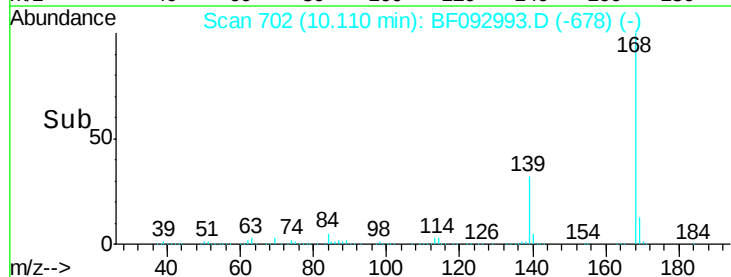
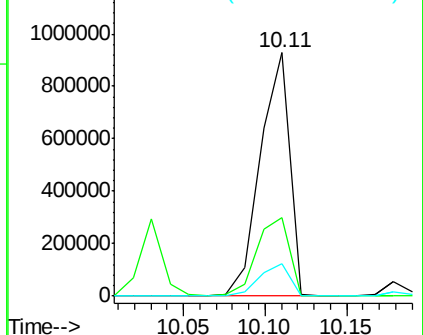


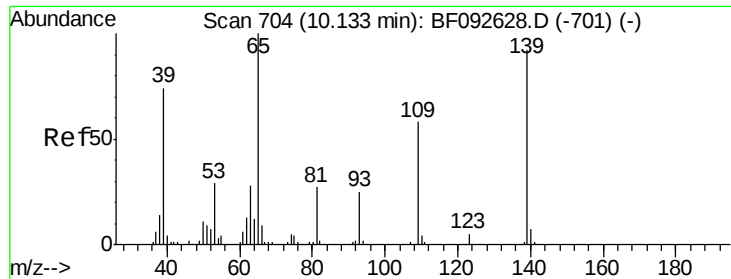
#54
 Dibenzofuran
 Concen: 46.11 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Tgt Ion:168 Resp: 1158394
 Ion Ratio Lower Upper
 168 100
 139 32.2 32.6 49.0#
 169 13.1 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

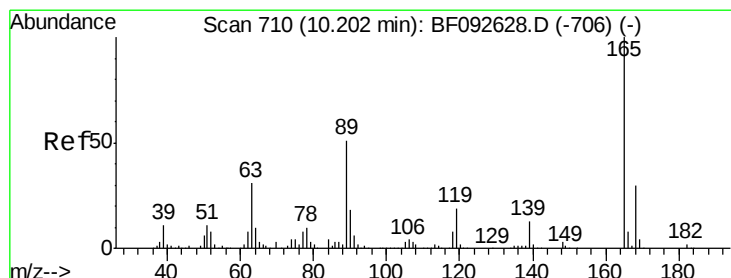
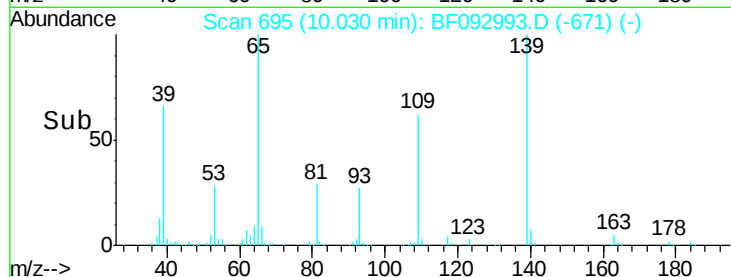
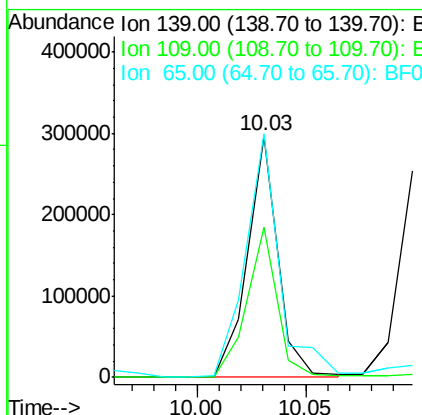
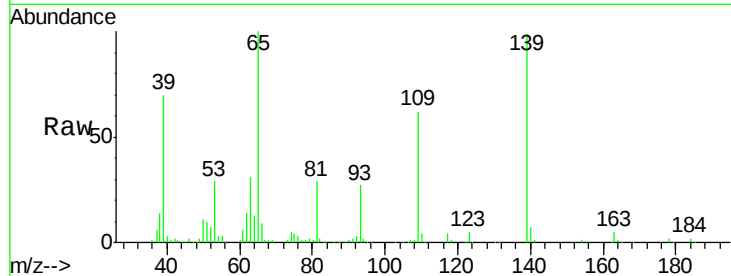




#55
4-Nitrophenol
Concen: 75.16 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

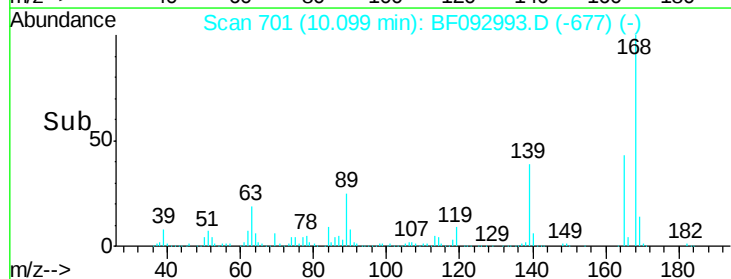
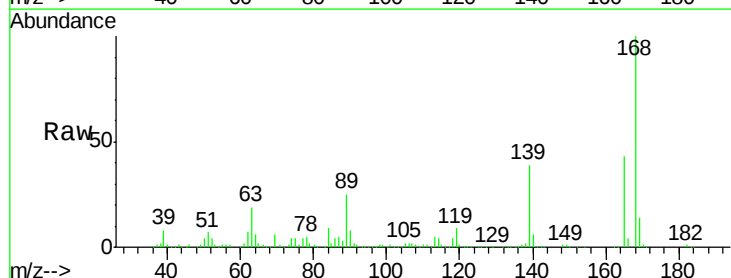
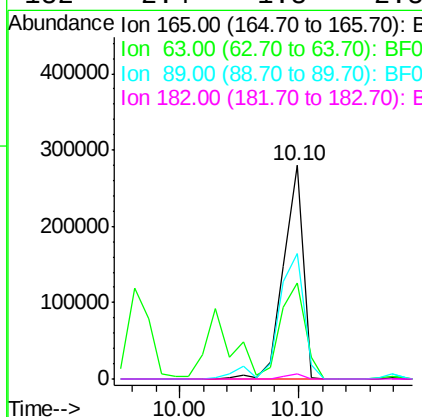
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

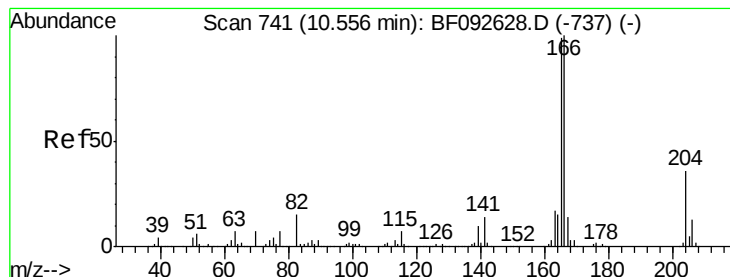
Tgt Ion:139 Resp: 289340
Ion Ratio Lower Upper
139 100
109 62.5 52.2 92.2
65 101.0 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 50.69 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion:165 Resp: 315188
Ion Ratio Lower Upper
165 100
63 44.8 40.2 60.4
89 58.5 62.5 93.7#
182 2.4 1.8 2.8





#57

Fluorene

Concen: 43.99 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

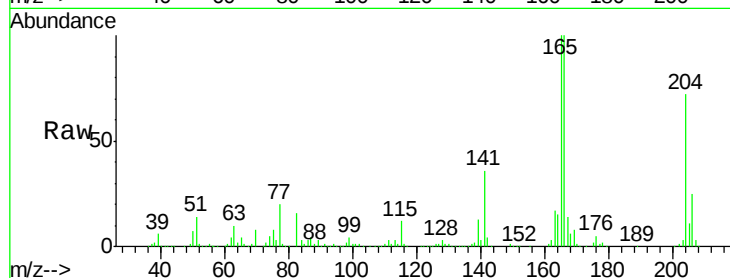
Tgt Ion:166 Resp: 850262

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

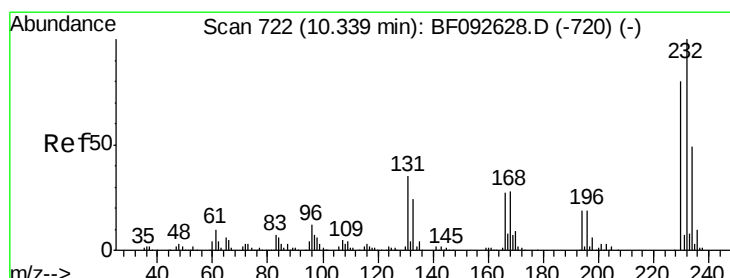
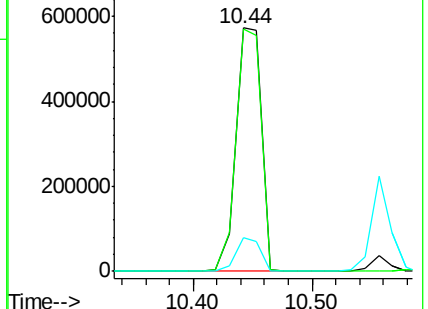
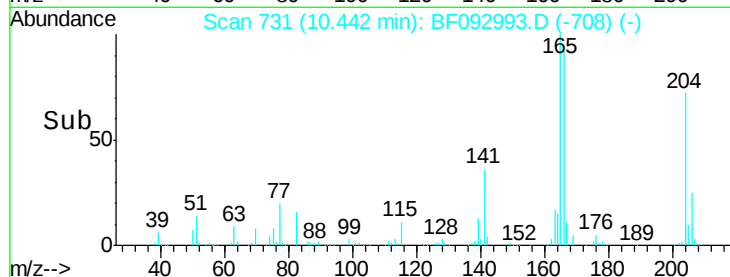
167 14.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.87 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Tgt Ion:232 Resp: 224542

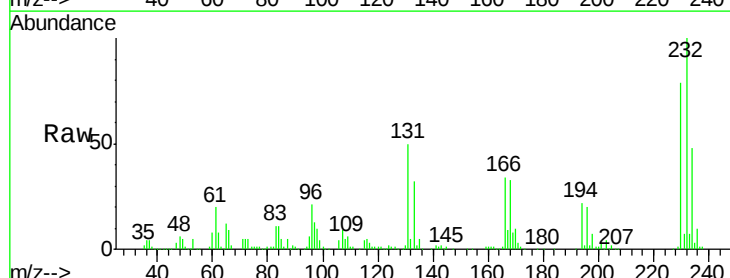
Ion Ratio Lower Upper

232 100

131 48.9 40.1 60.1

130 2.3 1.8 2.8

166 32.3 26.6 39.8

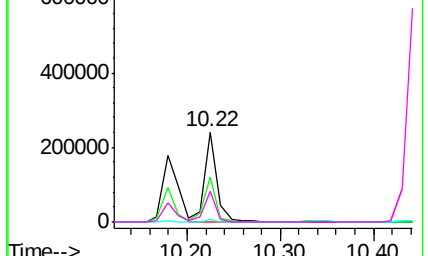
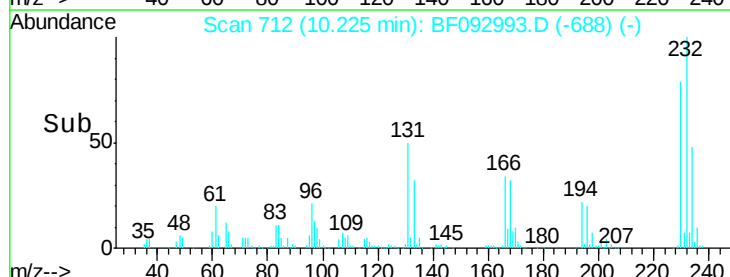


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.78 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

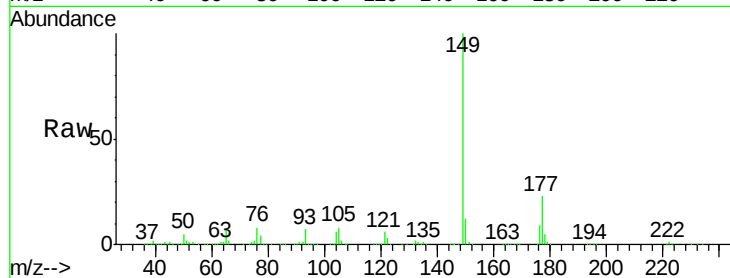
Tgt Ion:149 Resp: 1014456

Ion Ratio Lower Upper

149 100

177 23.4 16.6 25.0

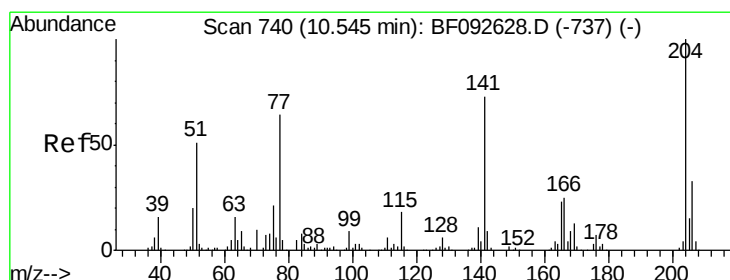
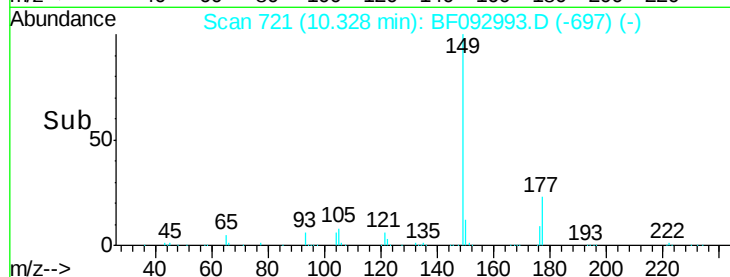
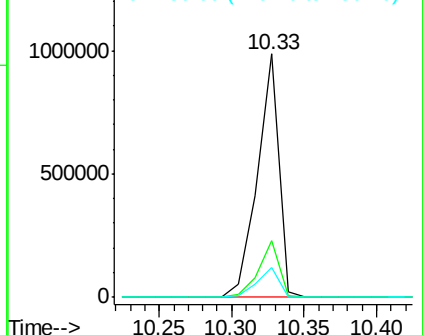
150 12.4 10.4 15.6



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: 45.13 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

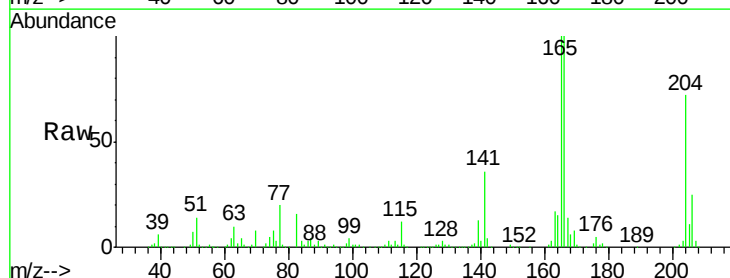
Tgt Ion:204 Resp: 419119

Ion Ratio Lower Upper

204 100

206 34.4 25.8 38.6

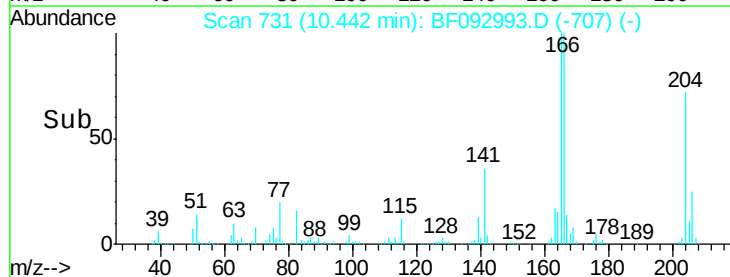
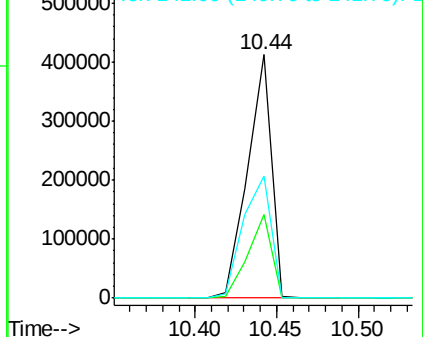
141 50.2 59.4 89.0#

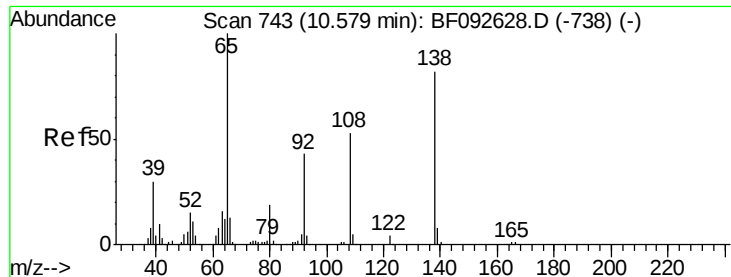


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

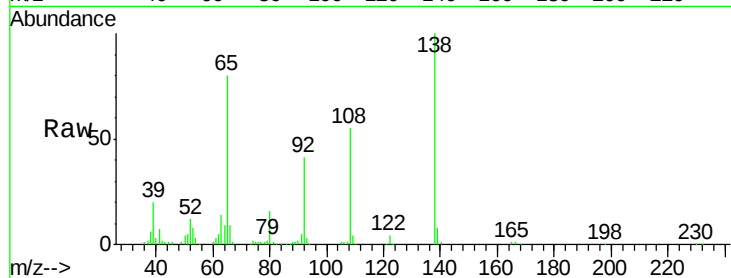




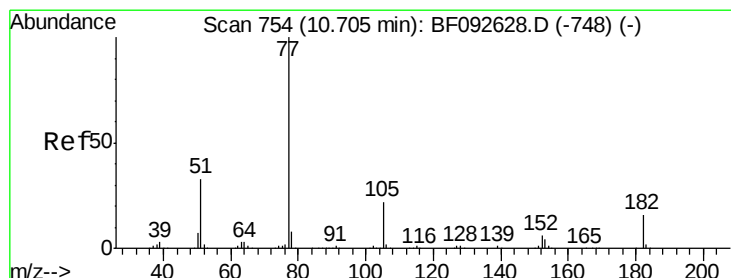
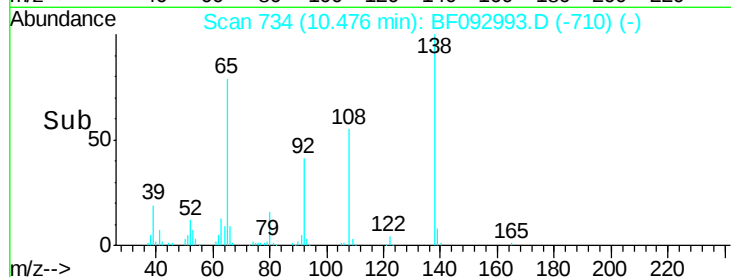
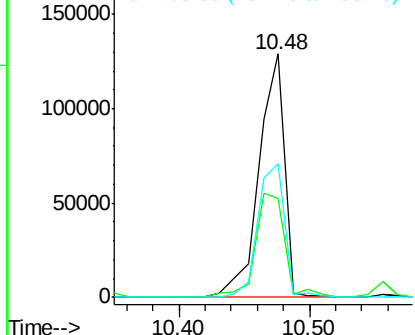
#61
4-Nitroaniline
Concen: 32.30 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

Tgt Ion: 138 Resp: 176803
Ion Ratio Lower Upper
138 100
92 40.7 31.7 71.7
108 55.0 52.6 92.6

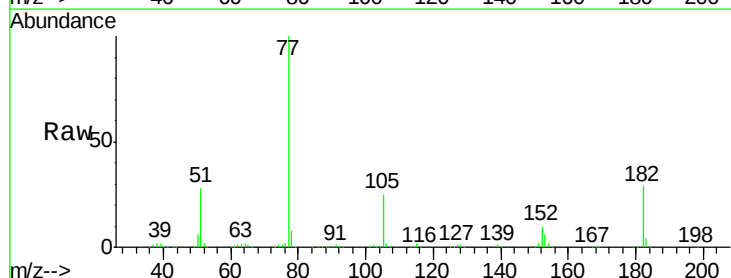


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

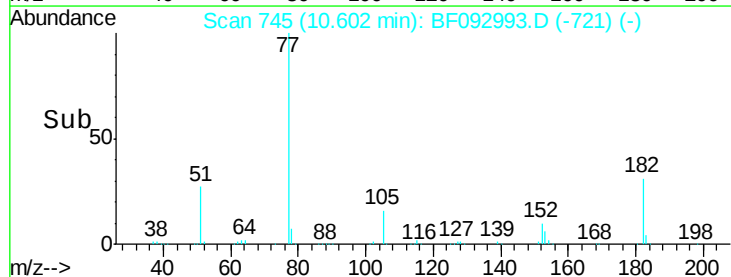
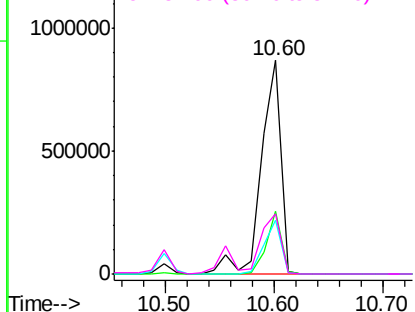


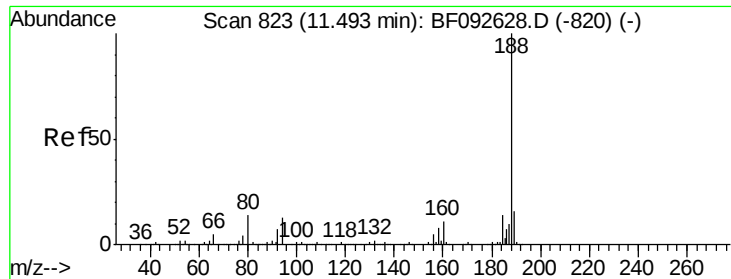
#62
Azobenzene
Concen: 52.60 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion: 77 Resp: 1107445
Ion Ratio Lower Upper
77 100
182 29.2 0.0 39.3
105 25.2 2.3 42.3
51 28.5 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

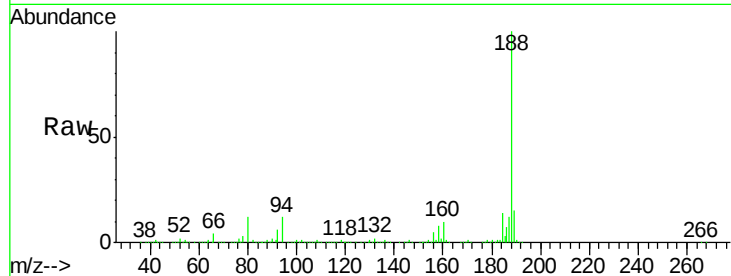




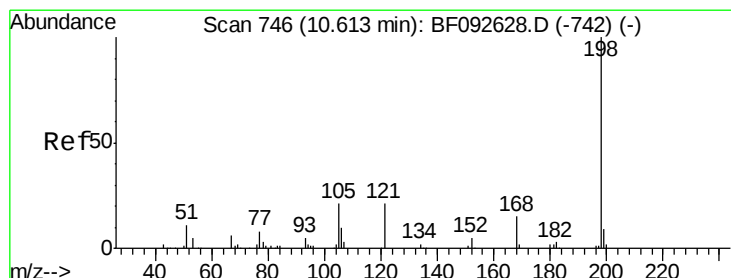
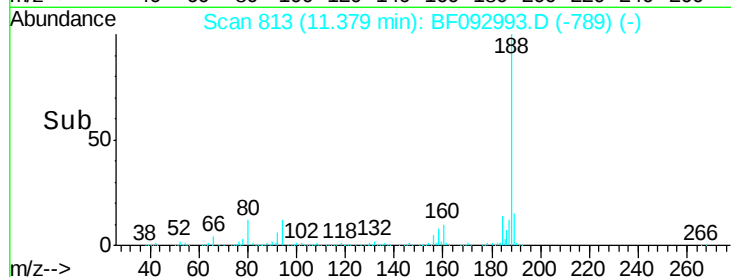
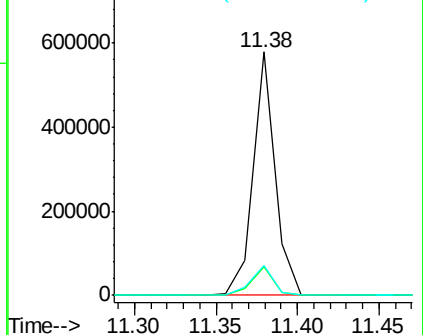
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

Tgt Ion:188 Resp: 543087
Ion Ratio Lower Upper
188 100
94 11.9 10.0 15.0
80 12.4 11.2 16.8

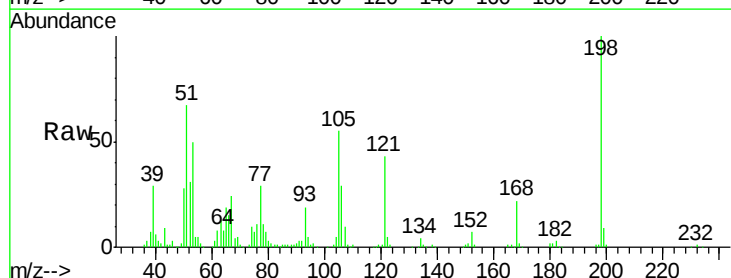


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

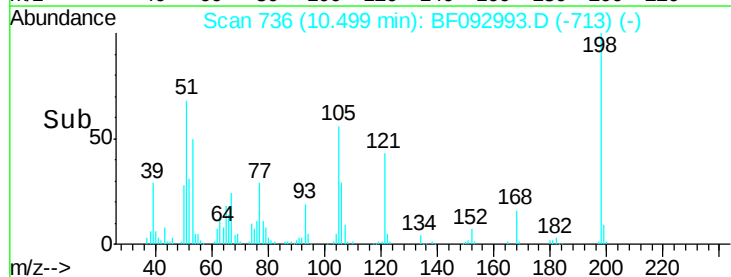
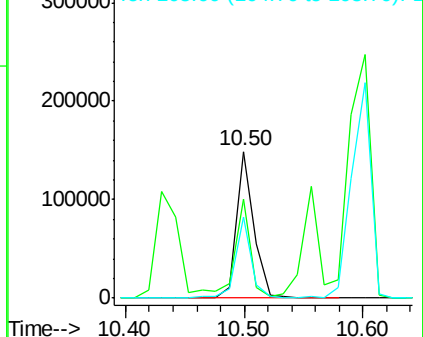


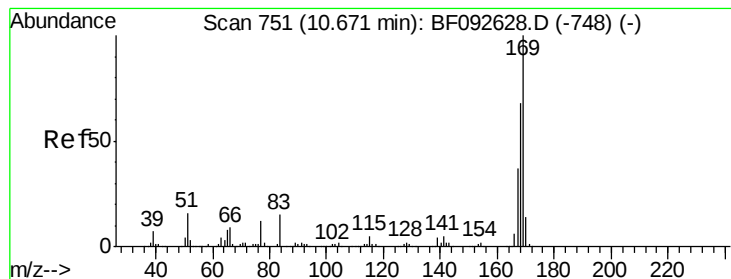
#64
4,6-Dinitro-2-methylphenol
Concen: 46.25 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.03 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion:198 Resp: 152553
Ion Ratio Lower Upper
198 100
51 67.5 6.7 46.7#
105 55.1 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.92 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

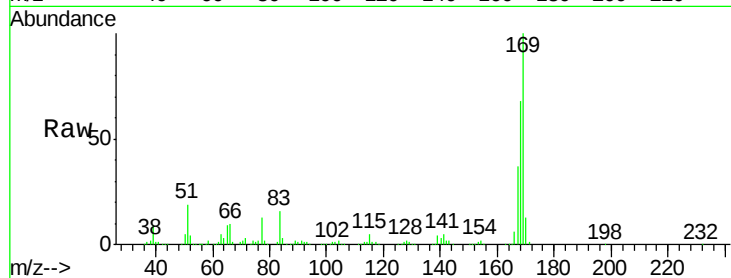
Tgt Ion:169 Resp: 657837

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.2

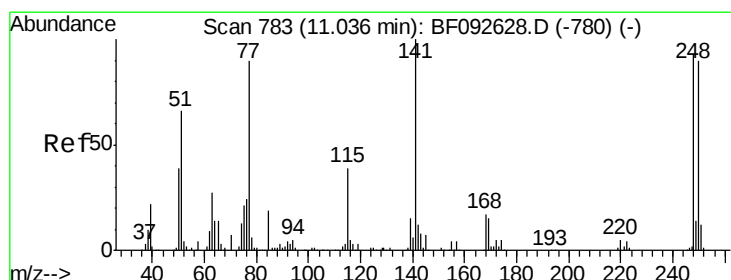
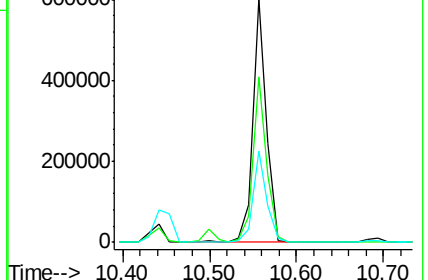
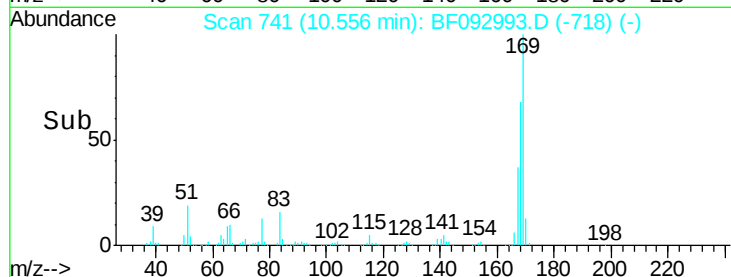
167 37.3 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.99 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

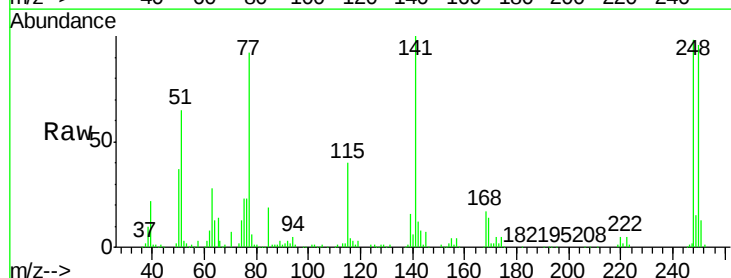
Tgt Ion:248 Resp: 243946

Ion Ratio Lower Upper

248 100

250 98.3 76.9 115.3

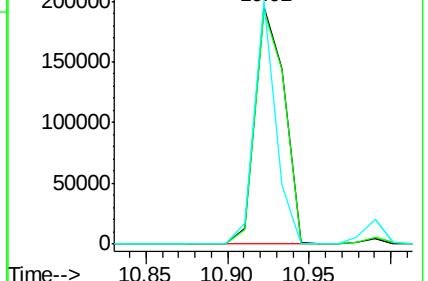
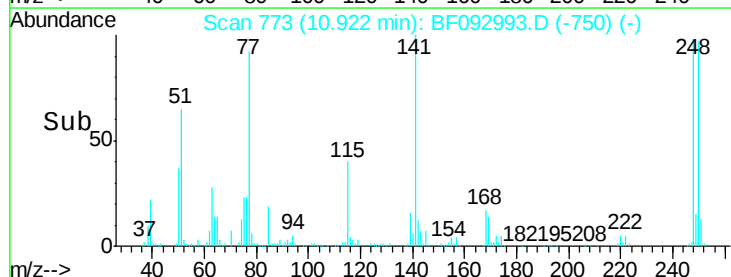
141 102.4 68.2 102.4#

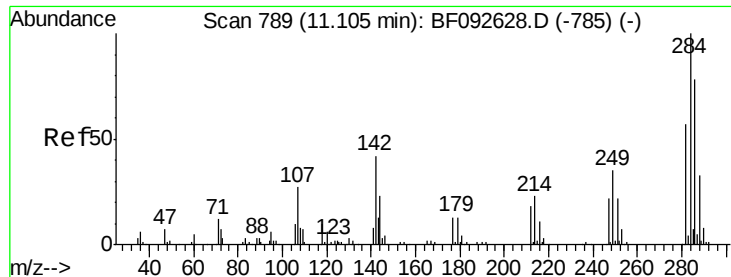


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

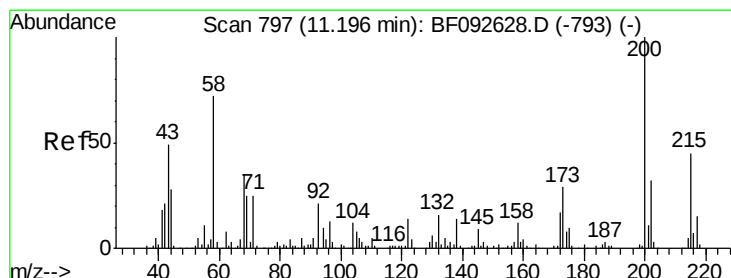
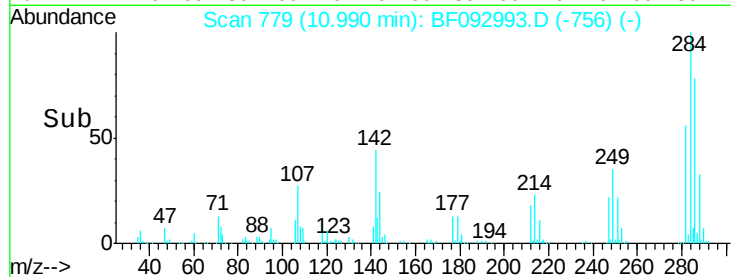
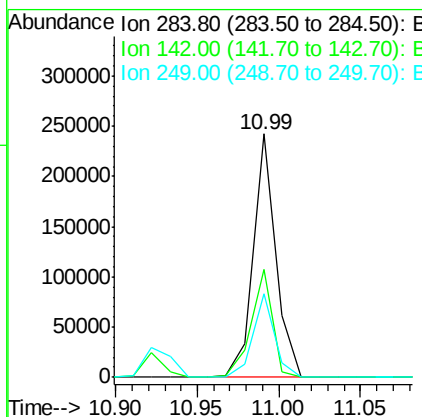
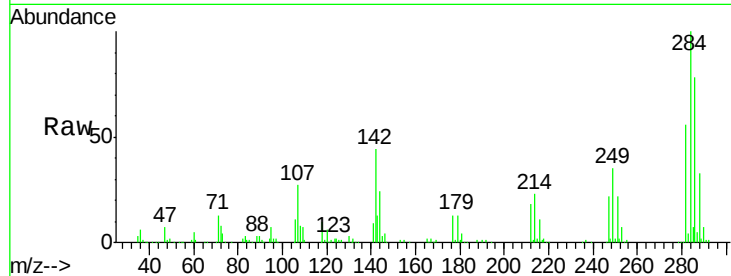




#67
Hexachlorobenzene
Concen: 41.53 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

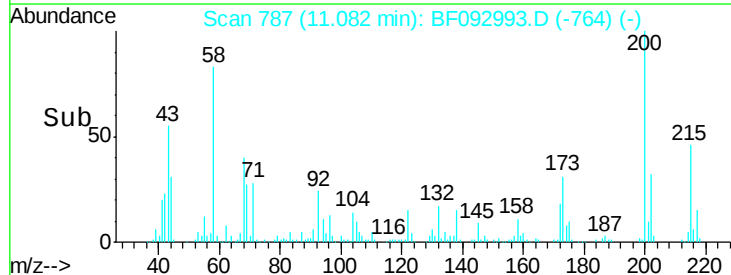
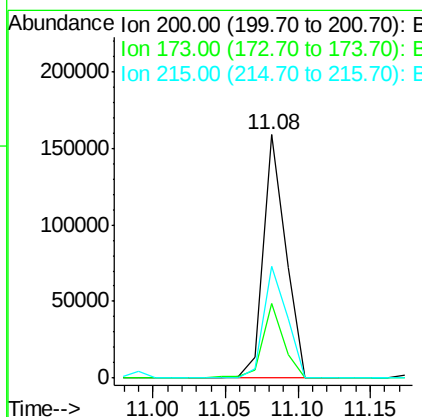
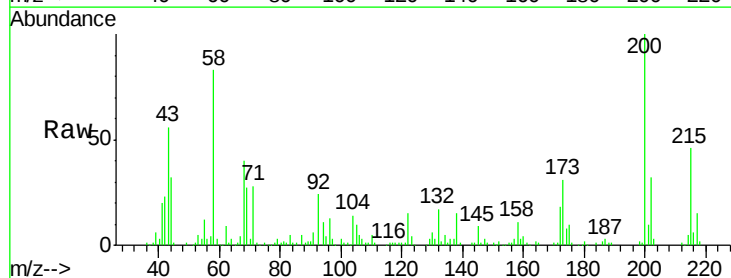
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

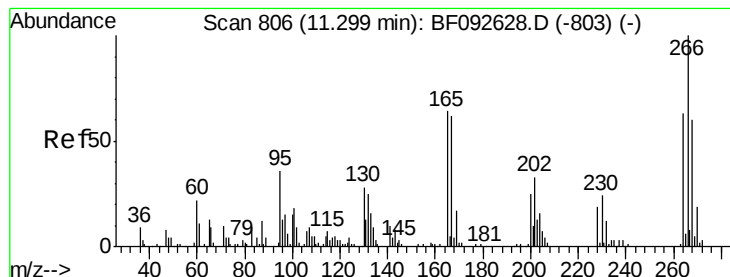
Tgt Ion: 284 Resp: 232858
Ion Ratio Lower Upper
284 100
142 44.4 22.6 33.8#
249 34.6 25.4 38.0



#68
Atrazine
Concen: 30.46 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.03 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion: 200 Resp: 169594
Ion Ratio Lower Upper
200 100
173 30.9 9.6 49.6
215 46.1 25.7 65.7

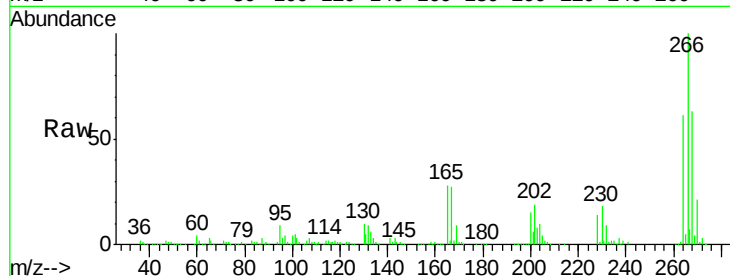




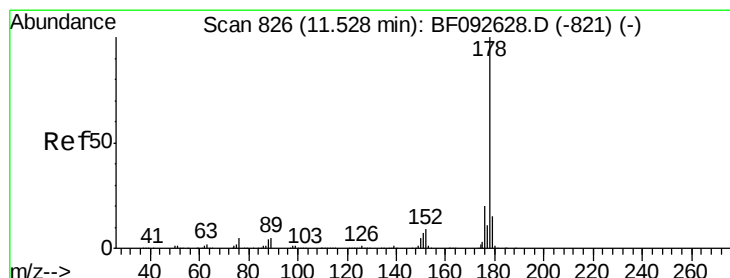
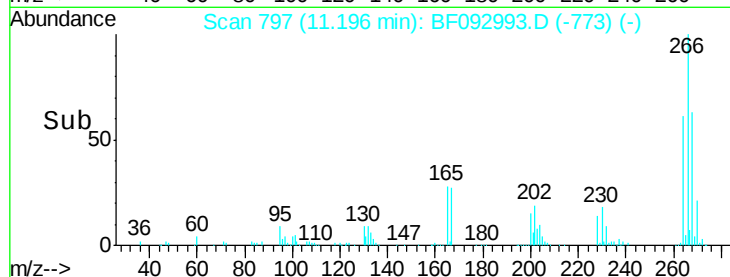
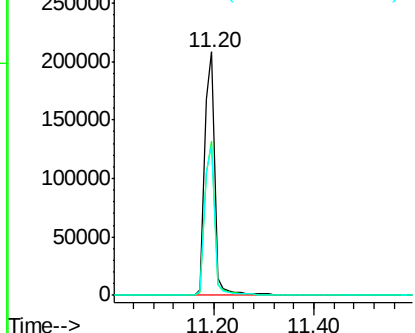
#69
 Pentachlorophenol
 Concen: 98.61 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMSD

Tgt Ion: 266 Resp: 290746
 Ion Ratio Lower Upper
 266 100
 268 63.3 53.3 79.9
 264 61.4 50.3 75.5

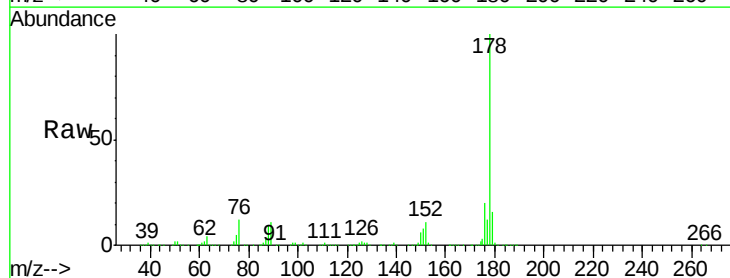


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

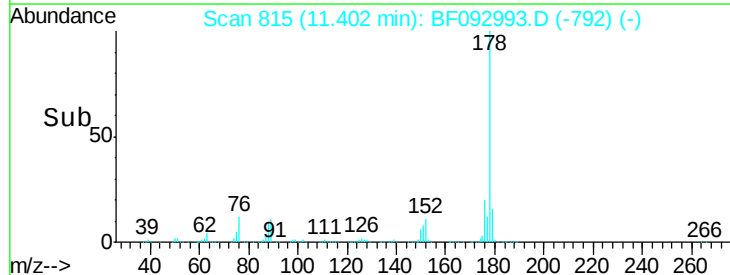
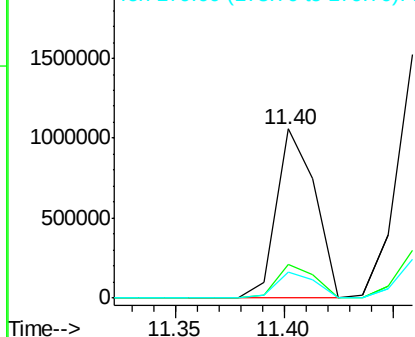


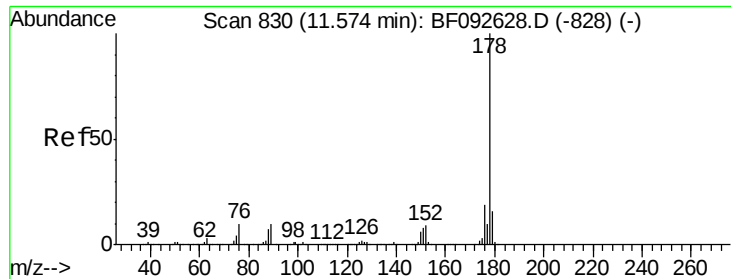
#70
 Phenanthrene
 Concen: 42.10 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Tgt Ion: 178 Resp: 1309843
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

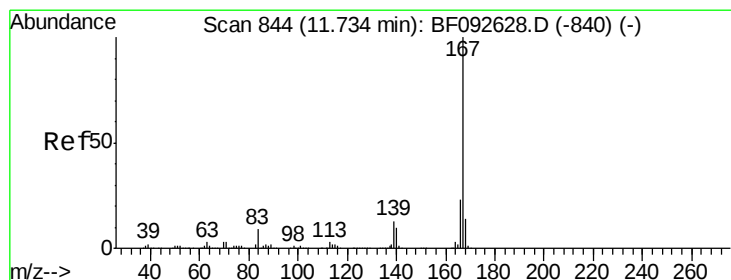
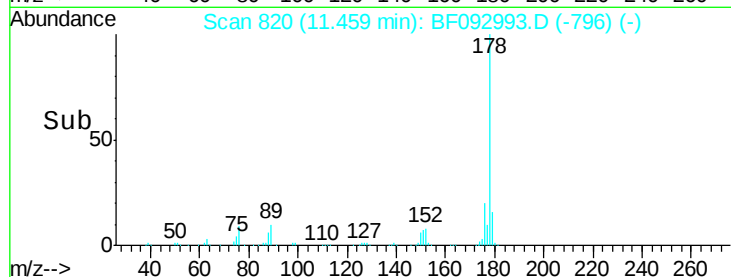
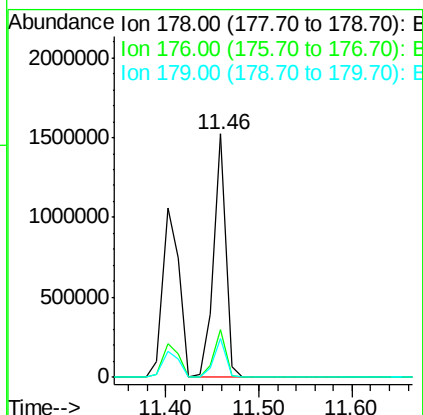
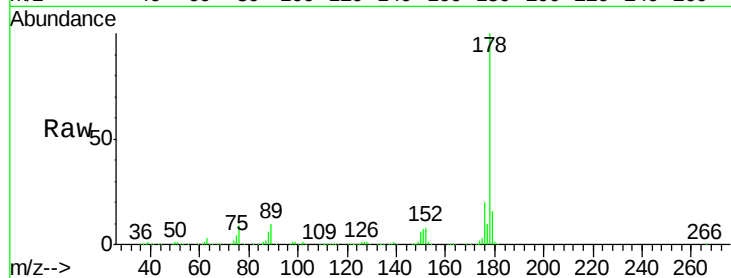




#71
 Anthracene
 Concen: 44.20 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

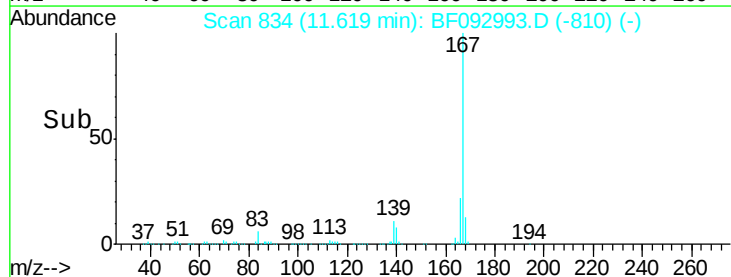
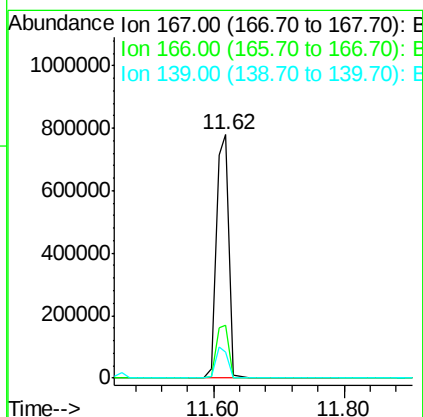
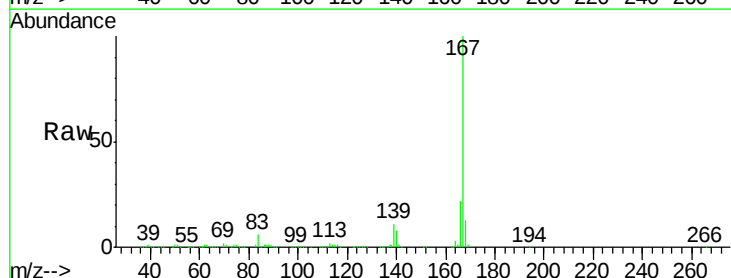
Instrument :
 BNA_F
 ClientSampleId :
 280514-COMP-0-2FTMSD

Tgt Ion:178 Resp: 1380941
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.8 13.2 19.8



#72
 Carbazole
 Concen: 35.56 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF092993.D
 Acq: 16 Feb 2017 20:53

Tgt Ion:167 Resp: 1062216
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.2 27.2
 139 10.8 11.4 17.2#

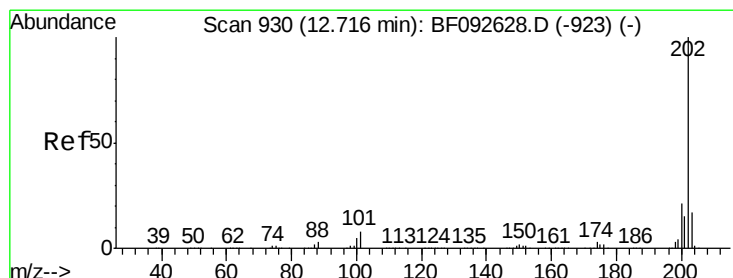
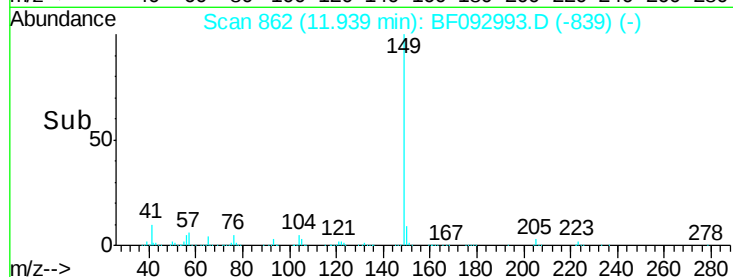
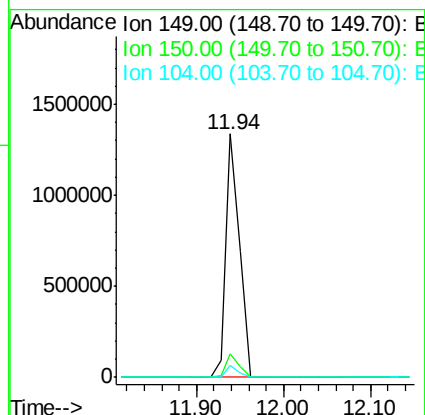
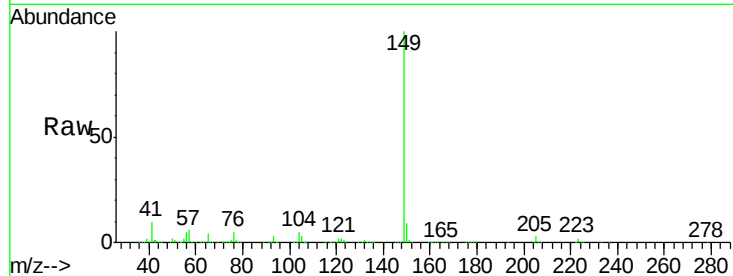




#73
Di-n-butylphthalate
Concen: 45.24 ng
RT: 11.94 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

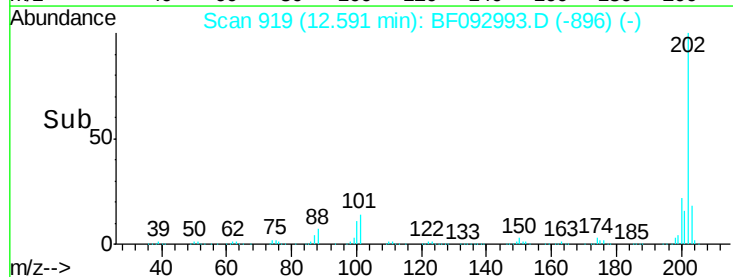
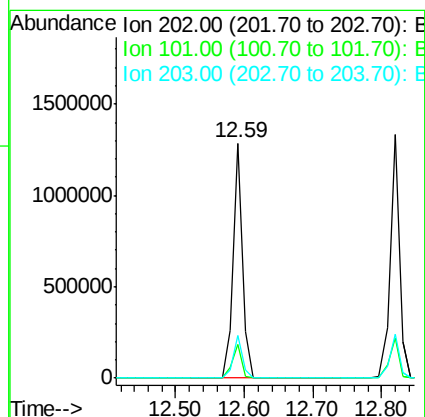
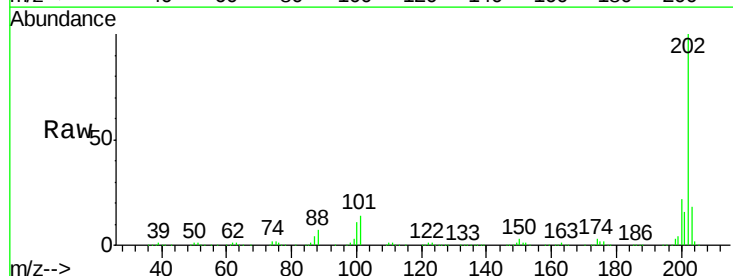
Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

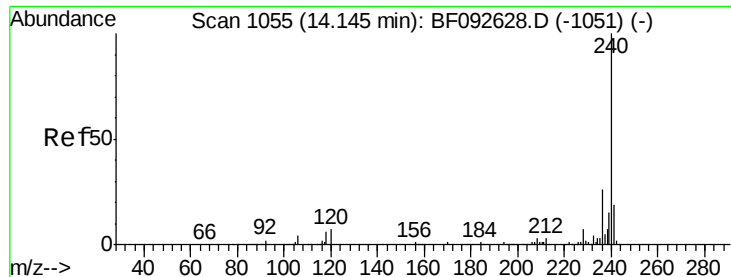
Tgt Ion:149 Resp: 1461213
Ion Ratio Lower Upper
149 100
150 9.4 8.1 12.1
104 5.0 4.6 7.0



#74
Fluoranthene
Concen: 38.96 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion:202 Resp: 1250277
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.6
203 18.2 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

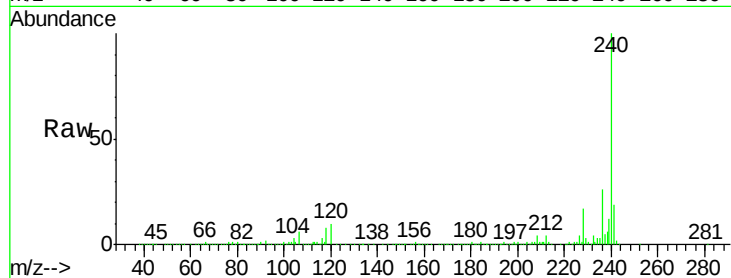
Tgt Ion:240 Resp: 456445

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

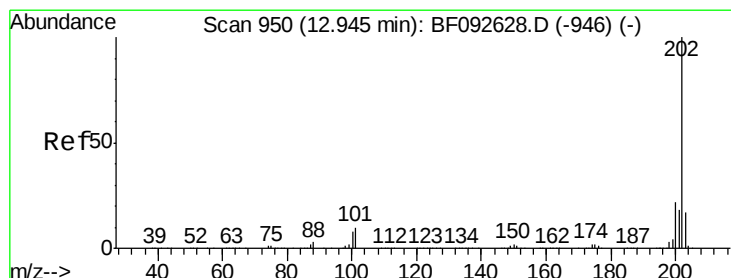
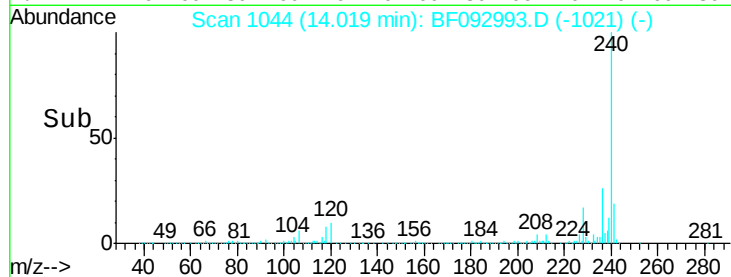
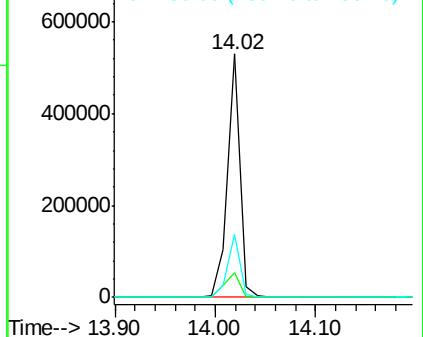
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 36.70 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

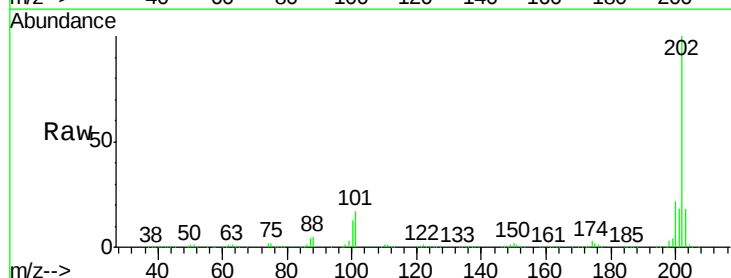
Tgt Ion:202 Resp: 1253559

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

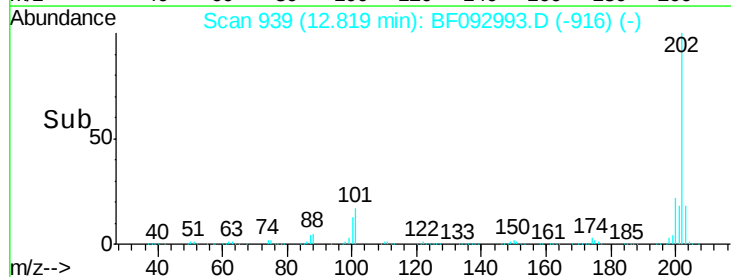
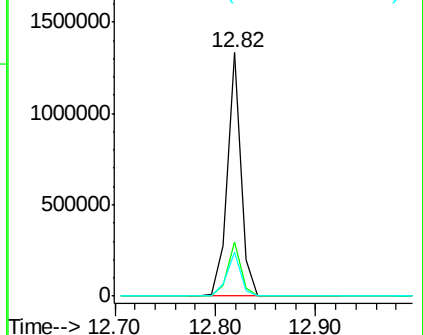
203 17.9 14.7 22.1

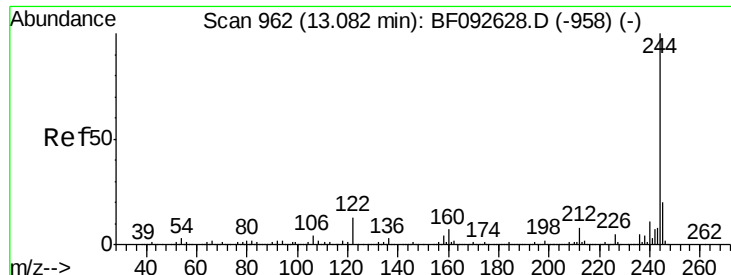


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 78.35 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

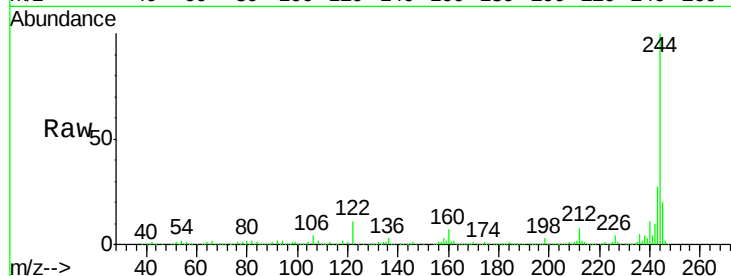
Tgt Ion:244 Resp: 1521945

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

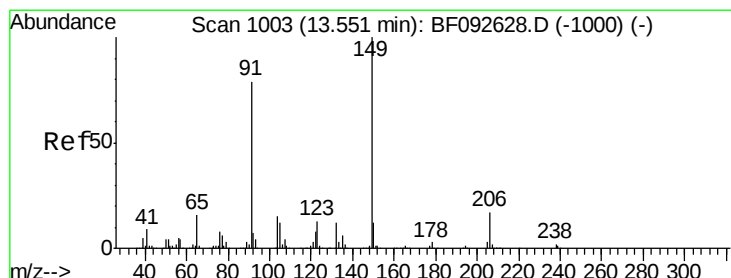
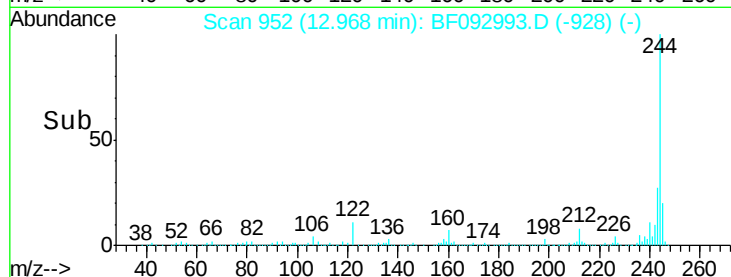
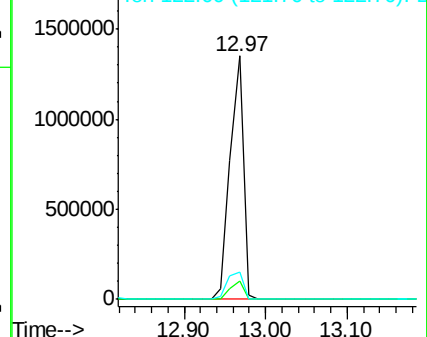
122 11.2 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 44.65 ng

RT: 13.44 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

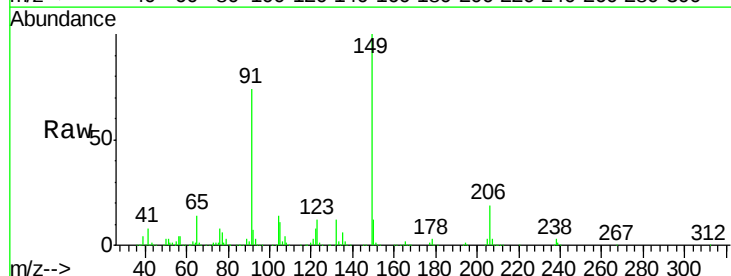
Tgt Ion:149 Resp: 619428

Ion Ratio Lower Upper

149 100

91 73.8 63.9 95.9

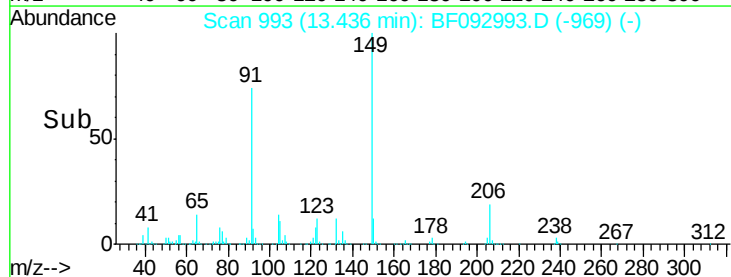
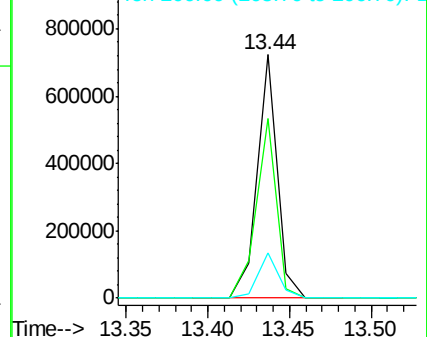
206 18.6 14.6 21.8

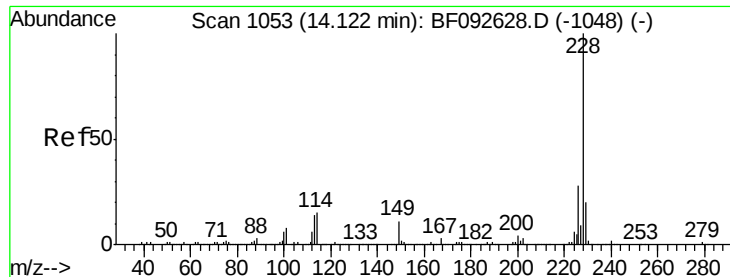


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 38.18 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

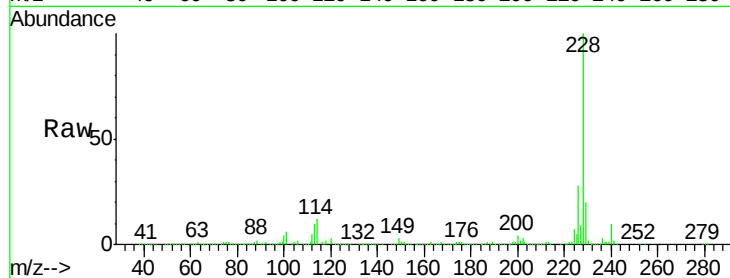
Tgt Ion:228 Resp: 1065931

Ion Ratio Lower Upper

228 100

226 27.9 22.4 33.6

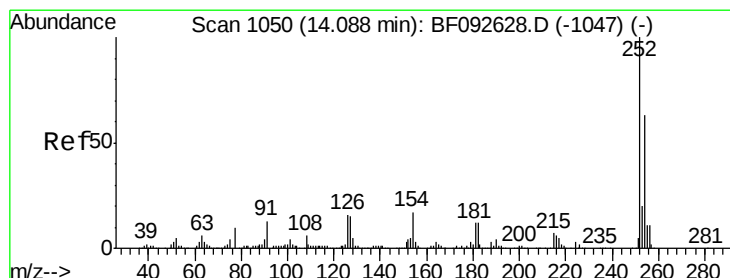
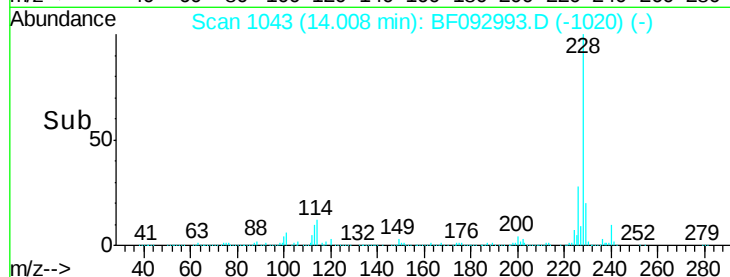
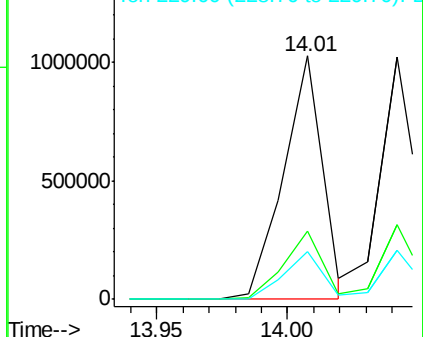
229 19.5 16.2 24.4



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: 5.65 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

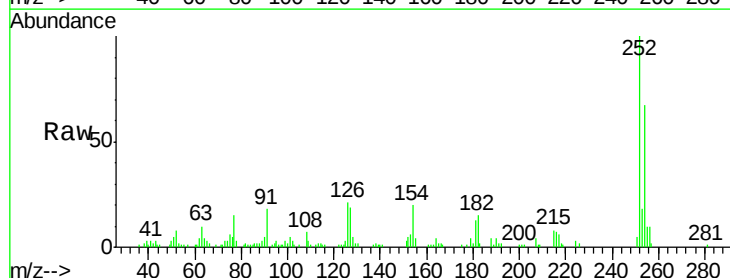
Tgt Ion:252 Resp: 56209

Ion Ratio Lower Upper

252 100

254 67.0 52.3 78.5

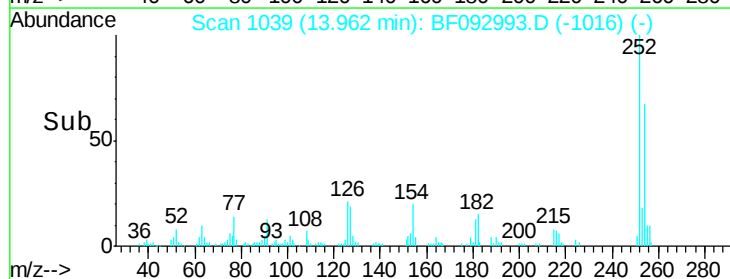
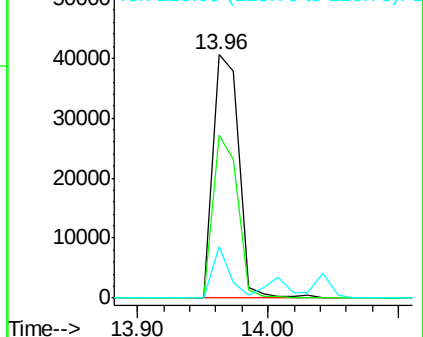
126 21.5 13.6 20.4#

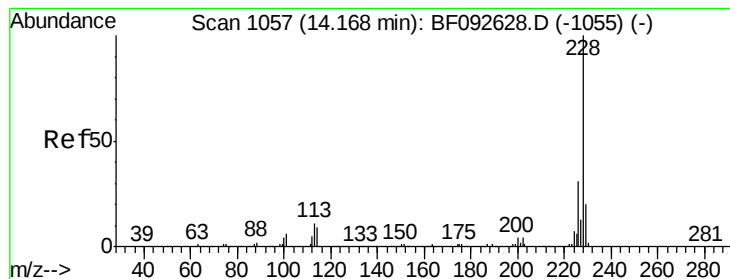


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.12 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

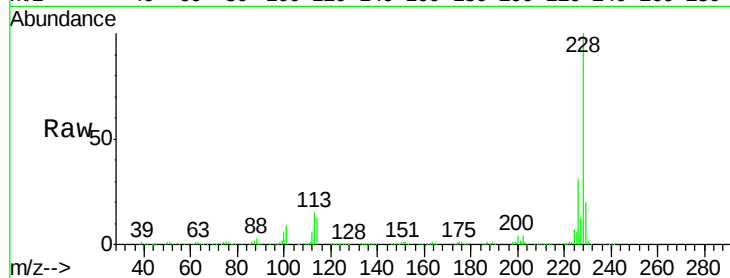
Tgt Ion:228 Resp: 865798

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

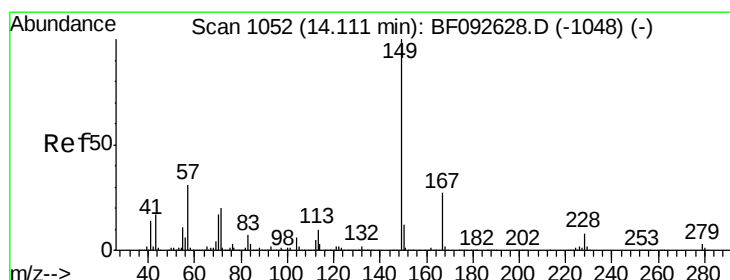
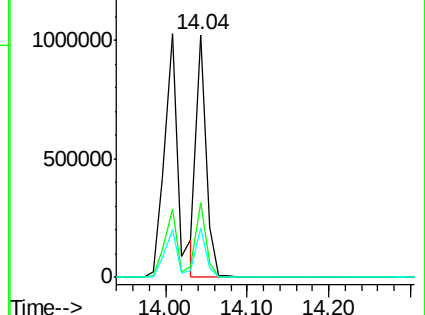
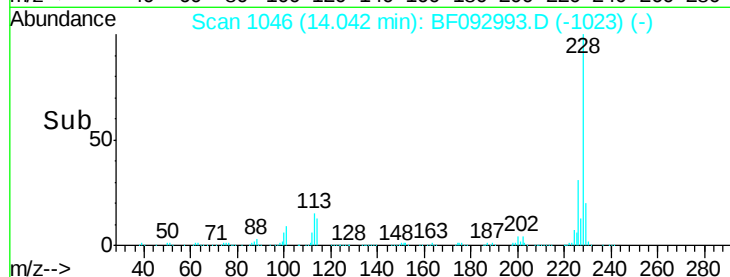
229 20.3 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.85 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

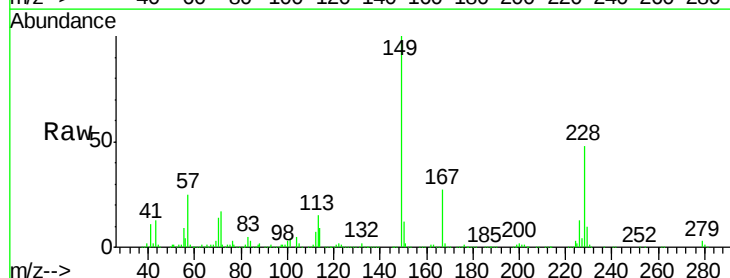
Tgt Ion:149 Resp: 869861

Ion Ratio Lower Upper

149 100

167 27.3 20.2 30.4

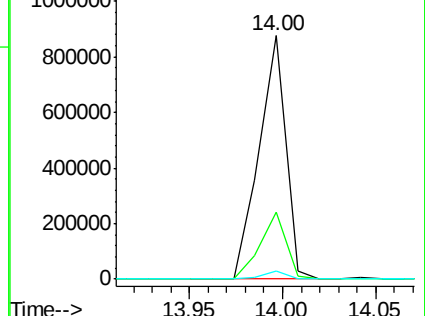
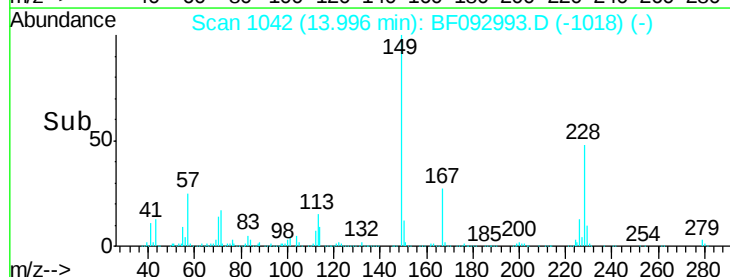
279 3.4 1.8 2.8#

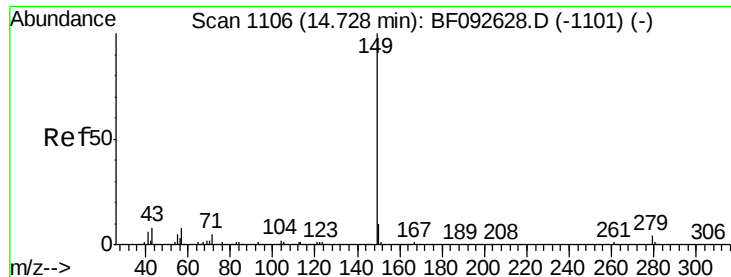


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 46.33 ng

RT: 14.60 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

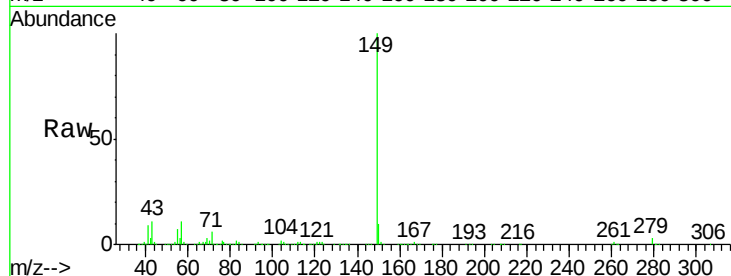
Tgt Ion:149 Resp: 1431268

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

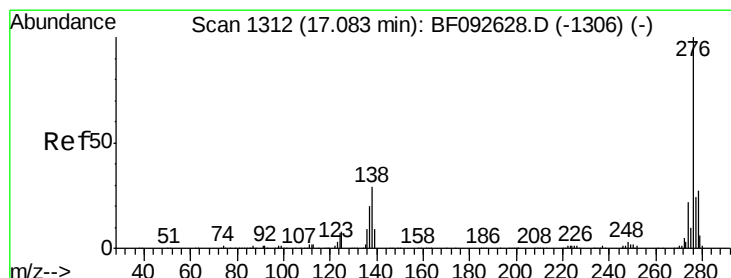
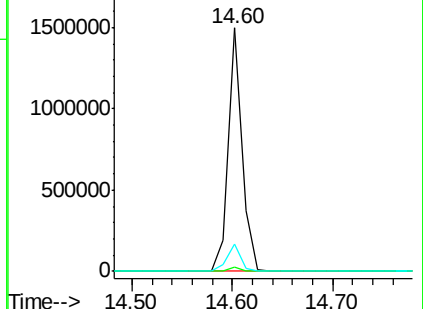
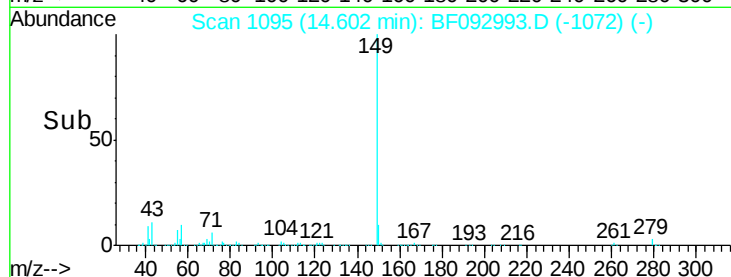
43 11.5 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 42.76 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

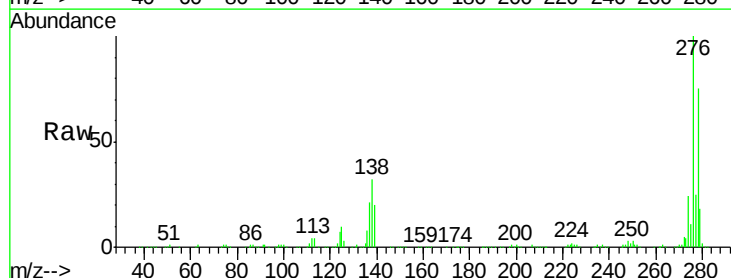
Tgt Ion:276 Resp: 865706

Ion Ratio Lower Upper

276 100

138 33.0 21.8 32.6#

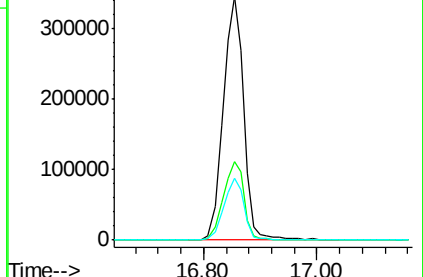
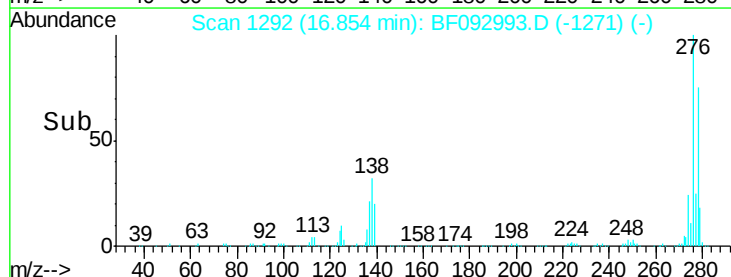
277 25.1 20.2 30.4

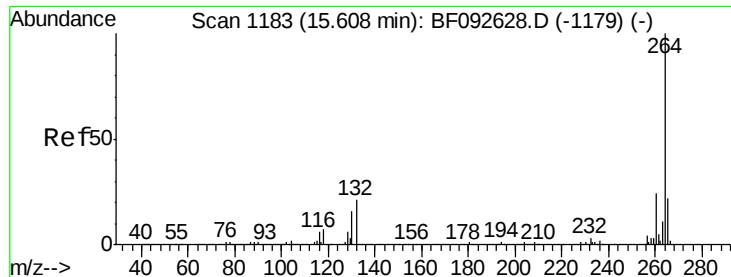


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

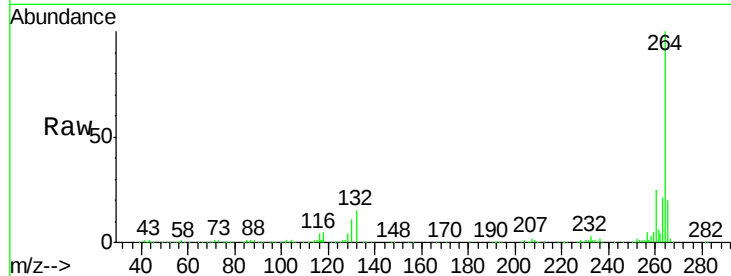




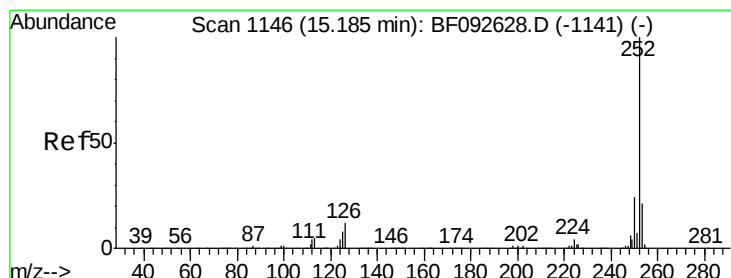
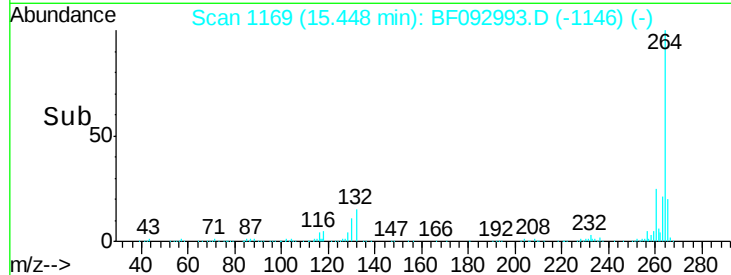
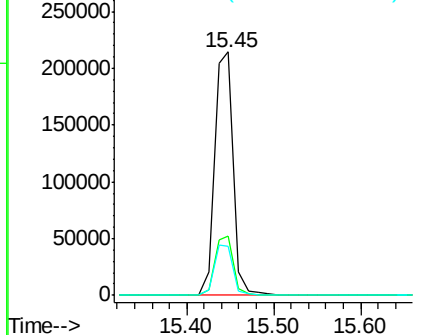
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

Tgt Ion: 264 Resp: 322419
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 20.4 17.4 26.0

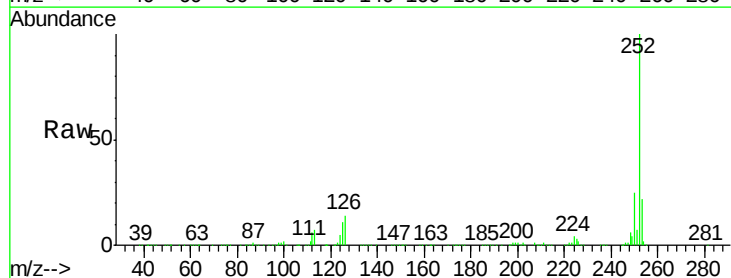


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

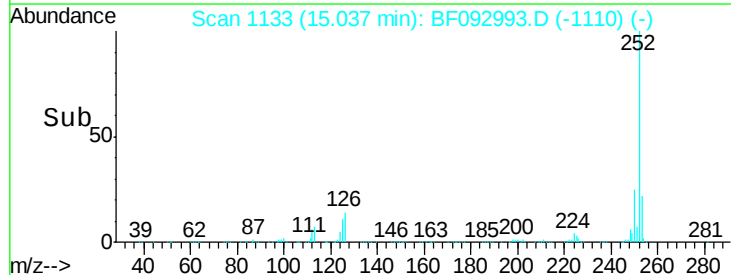
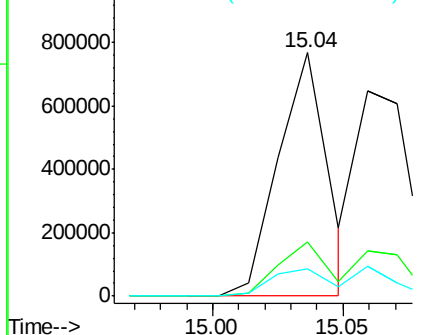


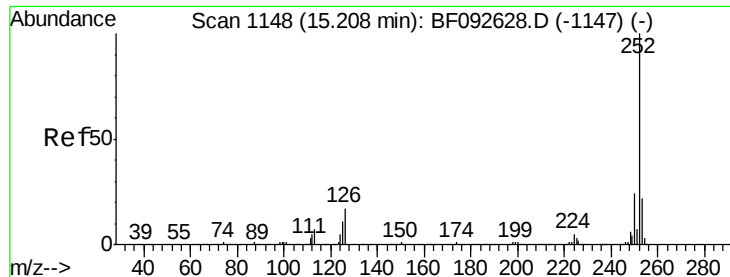
#87
Benzo(b)fluoranthene
Concen: 47.36 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion: 252 Resp: 1005130
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.1 9.8 14.6



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

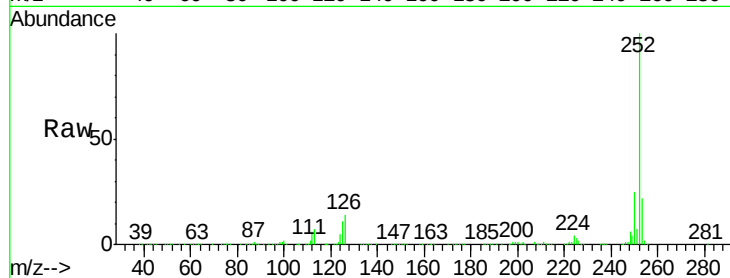




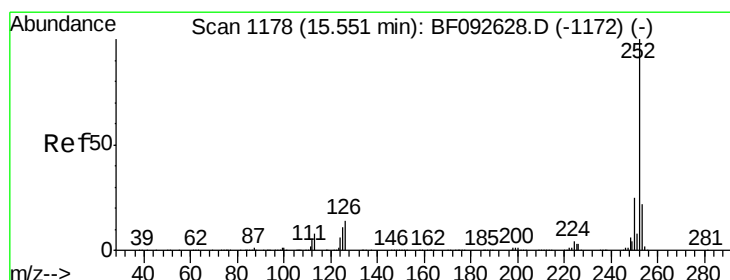
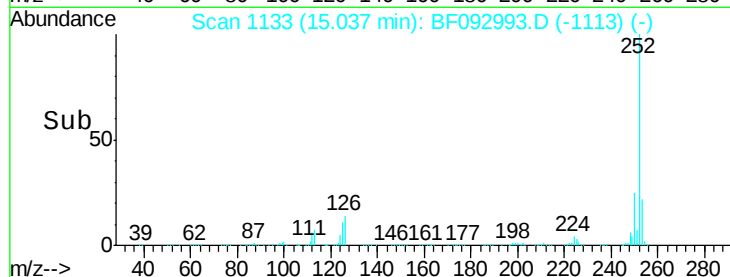
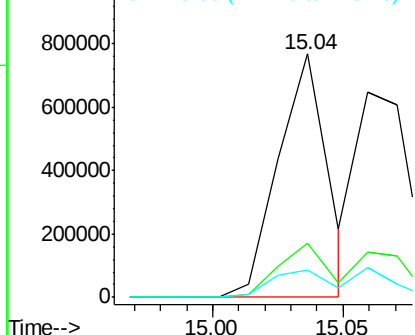
#88
Benzo(k)fluoranthene
Concen: 54.86 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Instrument :
BNA_F
ClientSampleId :
280514-COMP-0-2FTMSD

Tgt Ion:252 Resp: 1005130
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 11.1 8.9 13.3

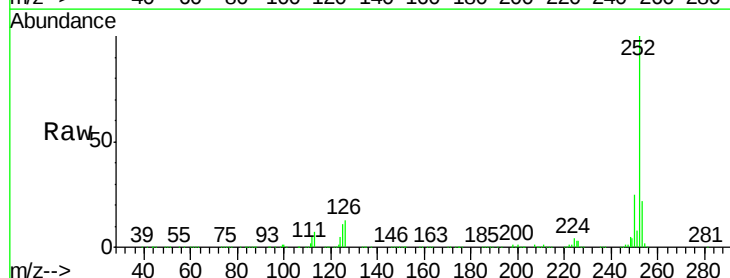


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

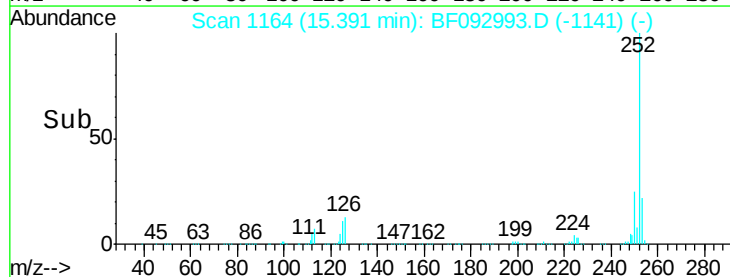
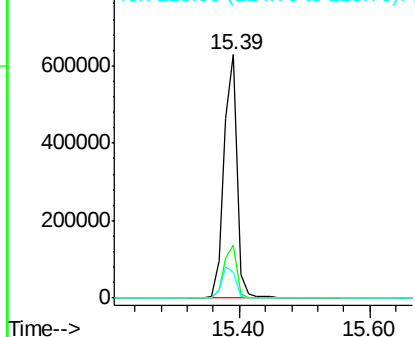


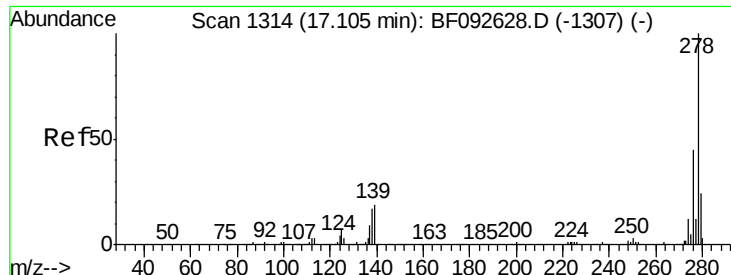
#89
Benzo(a)pyrene
Concen: 47.89 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BF092993.D
Acq: 16 Feb 2017 20:53

Tgt Ion:252 Resp: 879028
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.7 10.0 15.0



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





#90

Dibenzo(a,h)anthracene

Concen: 49.66 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.07 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

Instrument :

BNA_F

ClientSampleId :

280514-COMP-0-2FTMSD

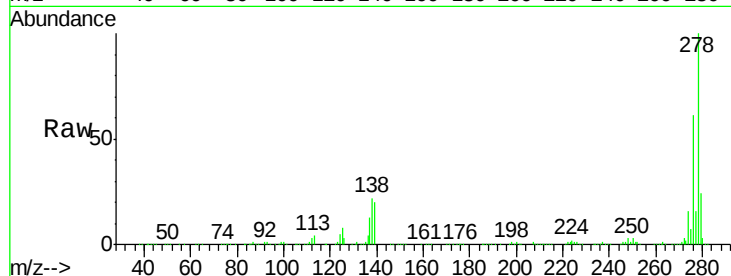
Tgt Ion: 278 Resp: 736780

Ion Ratio Lower Upper

278 100

139 20.1 14.8 22.2

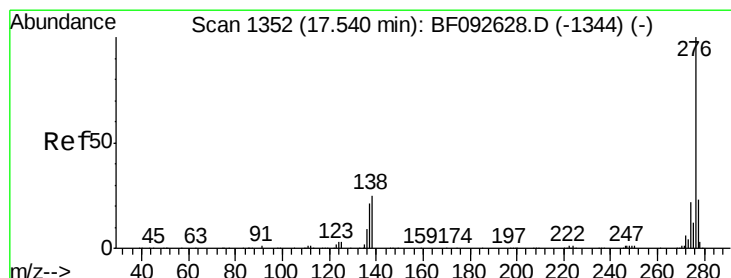
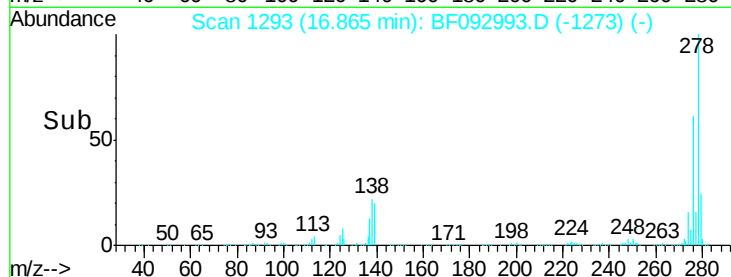
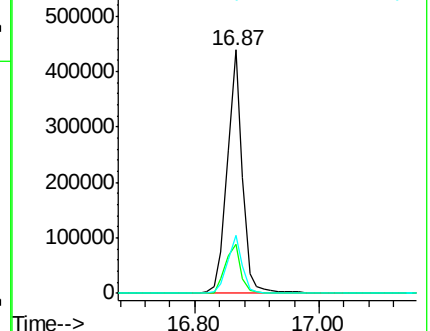
279 23.9 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 48.61 ng

RT: 17.28 min Scan# 1329

Delta R.T. -0.07 min

Lab File: BF092993.D

Acq: 16 Feb 2017 20:53

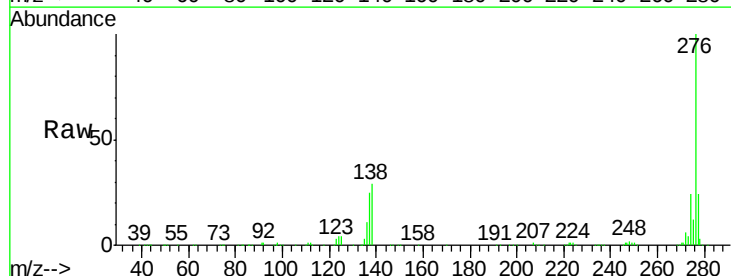
Tgt Ion: 276 Resp: 728485

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 28.6 16.0 24.0#



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

