

Data Path : Z:\HPCHEM1\BNA_F\Data\BF013017\
 Data File : BF092636.D
 Acq On : 30 Jan 2017 16:22
 Operator : SJ/MA
 Sample : I1305-25DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0036DL

Quant Time: Jan 30 16:48:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	165712	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	695375	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	367021	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	626883	20.00	ng	0.00
75) Chrysene-d12	14.13	240	503221	20.00	ng	-0.01
86) Perylene-d12	15.61	264	451407	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	292391	30.27	ng	-0.01
7) Phenol-d6	6.59	99	373844	30.08	ng	-0.01
23) Nitrobenzene-d5	7.53	82	232012	18.58	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	72819	27.43	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	449118	22.17	ng	0.00
78) Terphenyl-d14	13.08	244	446076	20.83	ng	0.00

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.32	42	208581	33.47	ng	83
6) Aniline	6.69	93	233717	13.79	ng	# 22
11) bis(2-Chloroethyl)ether	6.69	93	233717	20.14	ng	97
12) 1,3-Dichlorobenzene	6.98	146	209019	16.75	ng	95
13) 1,4-Dichlorobenzene	6.98	146	209019	16.55	ng	95
14) 1,2-Dichlorobenzene	7.13	146	332405	27.52	ng	96
18) Hexachloroethane	7.48	117	101104	23.45	ng	# 88
19) n-Nitroso-di-n-propylamine	7.37	70	261226	33.02	ng	96
24) Nitrobenzene	7.54	77	70087	5.47	ng	96
25) Isophorone	7.78	82	551318	23.69	ng	# 94
28) bis(2-Chloroethoxy)methane	8.00	93	134289	8.71	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	175787	16.34	ng	94
31) Naphthalene	8.27	128	760257	21.57	ng	99
32) Benzoic acid	8.19	122	547	7.24	ng	# 1
33) 4-Chloroaniline	8.27	127	100285	7.25	ng	# 33
37) 2-Methylnaphthalene	8.97	142	392469	17.34	ng	98
40) Hexachlorocyclopentadiene	9.12	237	70491	15.17	ng	93
46) 2-Chloronaphthalene	9.46	162	434218	20.89	ng	94
48) Acenaphthylene	9.87	152	675481	18.81	ng	99
50) 2,6-Dinitrotoluene	10.01	165	47044	8.81	ng	# 30
51) Acenaphthene	10.04	154	542881	25.28	ng	97
56) 2,4-Dinitrotoluene	10.19	165	31644	4.45	ng	92
59) Diethylphthalate	10.42	149	239755	10.29	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	154147	14.52	ng	98
65) n-Nitrosodiphenylamine	10.67	169	175055	8.74	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	94509	14.43	ng	95
70) Phenanthrene	11.52	178	857868	23.89	ng	98
71) Anthracene	11.57	178	868425	24.08	ng	98
73) Di-n-butylphthalate	12.05	149	724251	19.42	ng	# 97
79) Butylbenzylphthalate	13.55	149	501121	32.77	ng	98
80) Benzo(a)anthracene	14.12	228	1025862	33.33	ng	99
82) Chrysene	14.17	228	805200	27.94	ng	98
84) Di-n-octyl phthalate	14.72	149	813893	23.90	ng	99
85) Indeno(1,2,3-cd)pyrene	17.08	276	501171	22.45	ng	96

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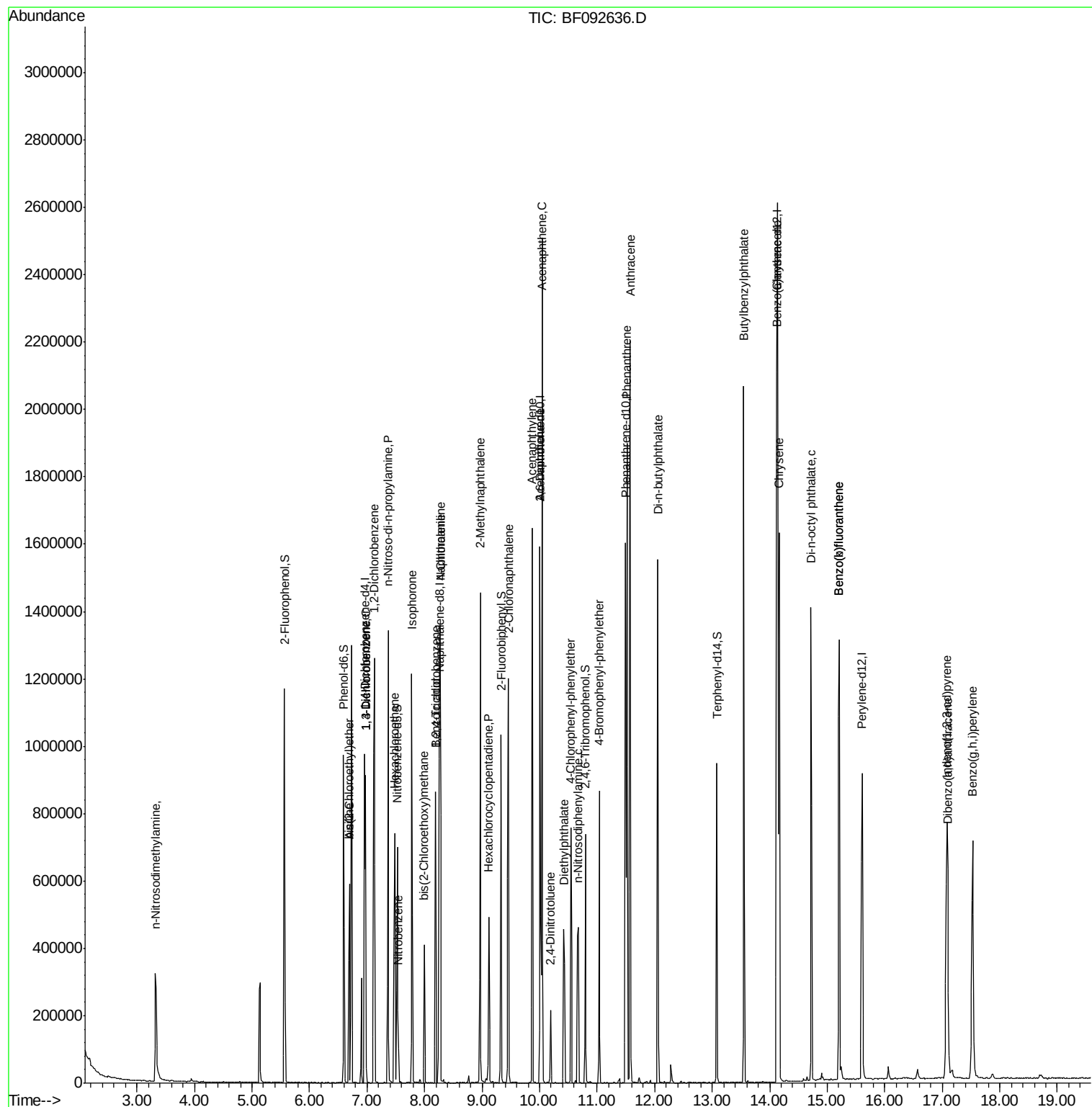
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	15.21	252	735145	24.74	ng	# 95
88) Benzo(k)fluoranthene	15.21	252	735154	28.66	ng	# 96
90) Dibenzo(a,h)anthracene	17.09	278	291359	14.03	ng	99
91) Benzo(g,h,i)perylene	17.53	276	597526	28.48	ng	# 91

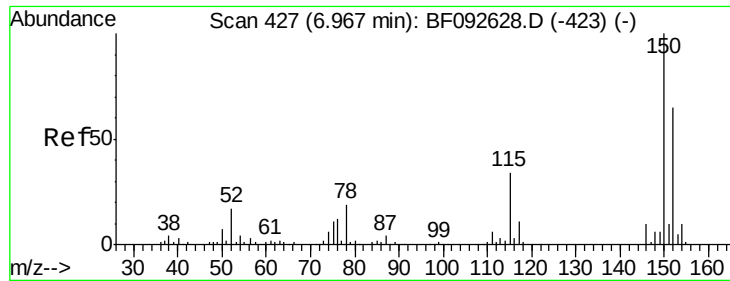
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

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Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

ClientSampleId :

0036DL

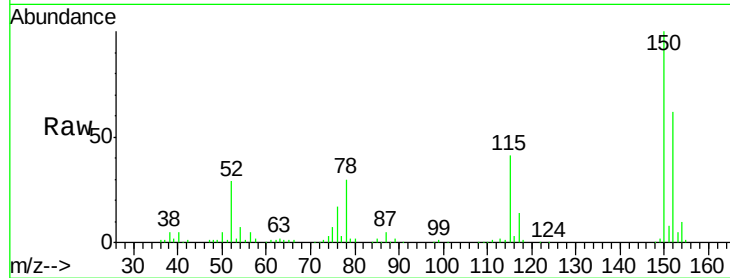
Tgt Ion:152 Resp: 165712

Ion Ratio Lower Upper

152 100

150 160.8 124.9 187.3

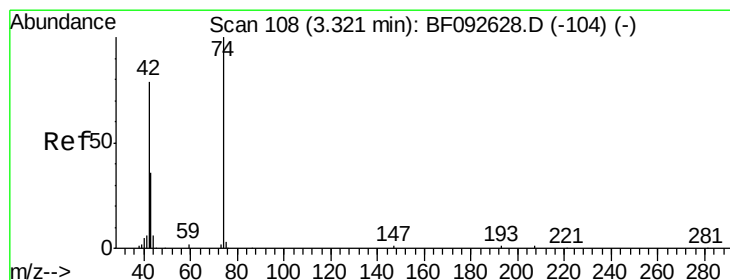
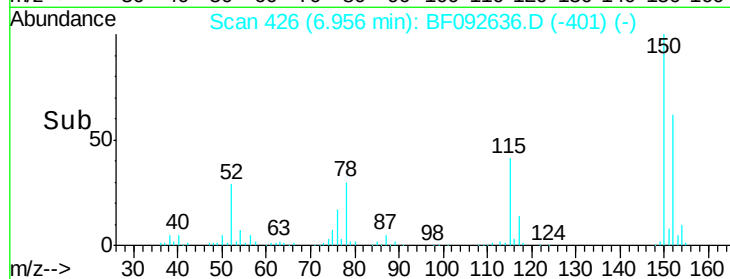
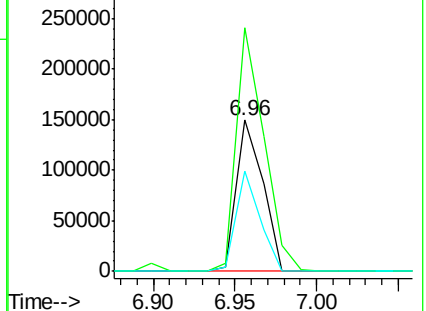
115 66.3 46.0 69.0



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



#4

n-Nitrosodimethylamine

Concen: 33.47 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

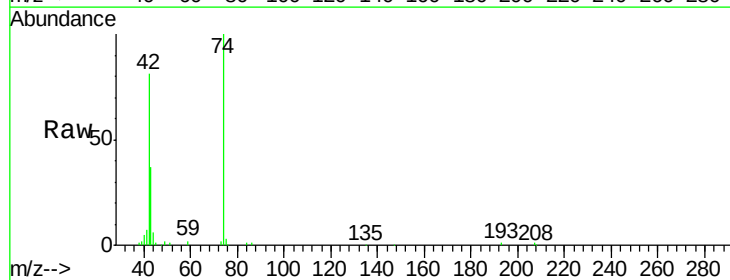
Tgt Ion: 42 Resp: 208581

Ion Ratio Lower Upper

42 100

74 123.6 117.0 175.4

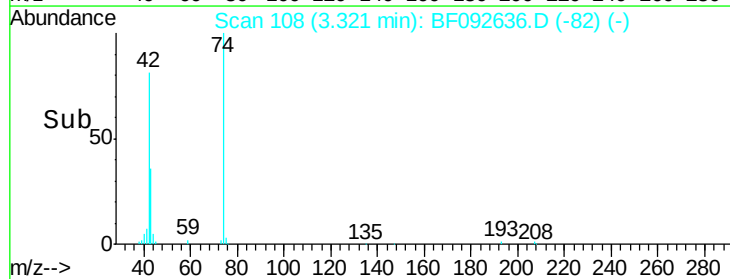
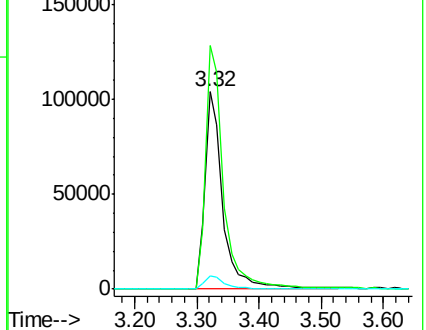
44 6.9 5.5 8.3

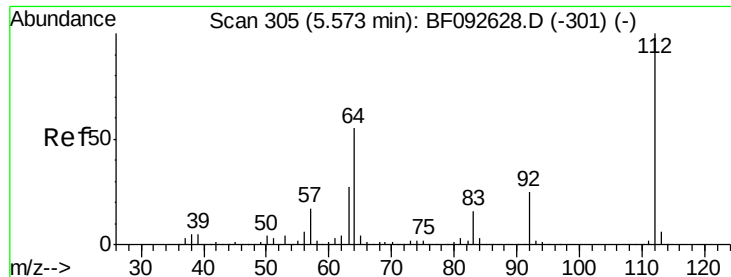


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 30.27 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

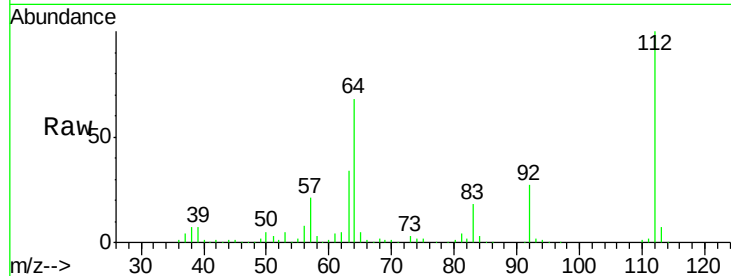
Instrument :

BNA_F

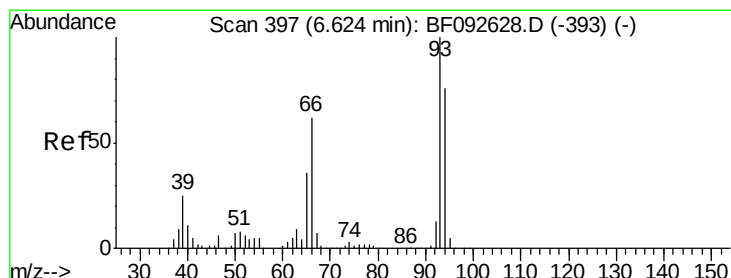
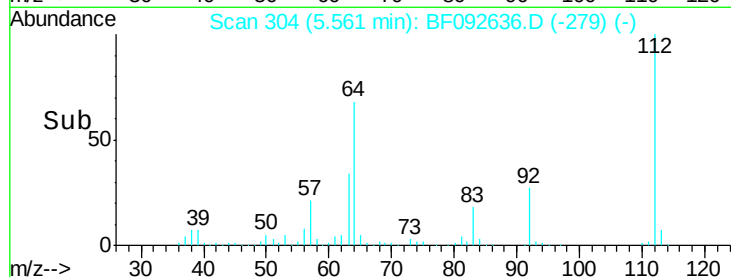
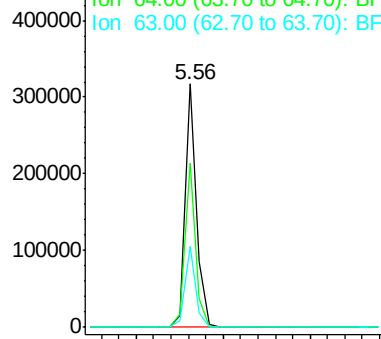
ClientSampleID :

0036DL

Tgt Ion:	112	Resp:	292391
Ion	Ratio	Lower	Upper
112	100		
64	67.7	46.1	69.1
63	33.6	23.8	35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0



#6

Aniline

Concen: 13.79 ng

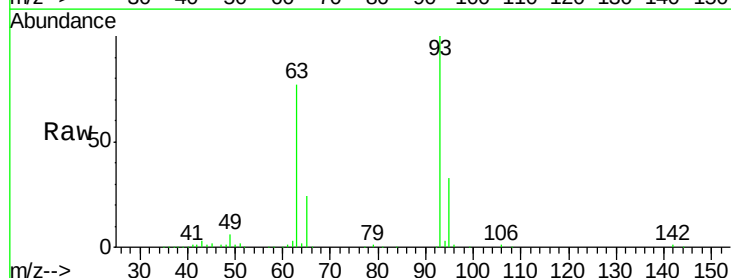
RT: 6.69 min Scan# 403

Delta R.T. 0.07 min

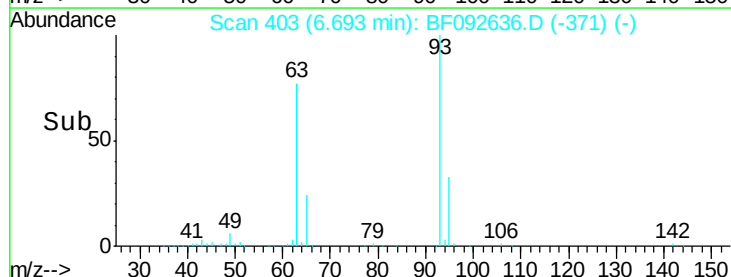
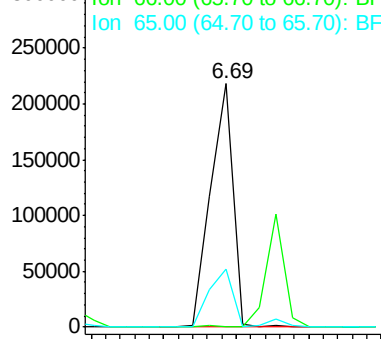
Lab File: BF092636.D

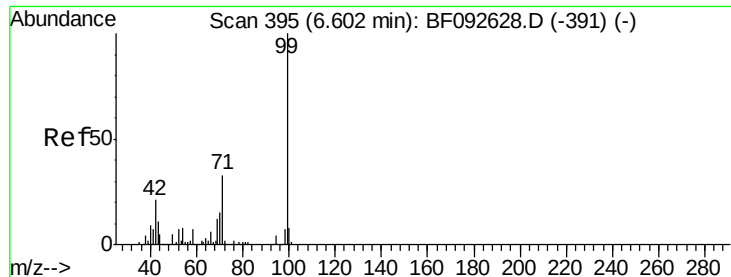
Acq: 30 Jan 2017 16:22

Tgt Ion:	93	Resp:	233717
Ion	Ratio	Lower	Upper
93	100		
66	0.4	76.2	114.2#
65	24.0	49.3	73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 30.08 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

ClientSampleId :

0036DL

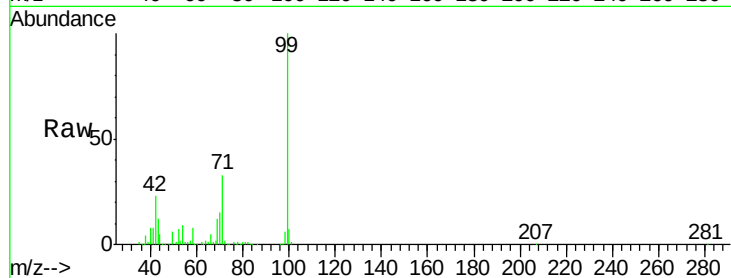
Tgt Ion: 99 Resp: 373844

Ion Ratio Lower Upper

99 100

42 22.9 15.6 23.4

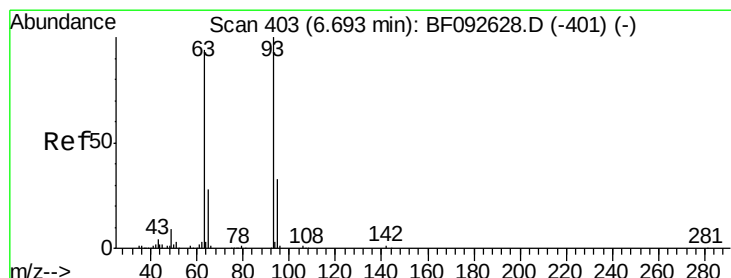
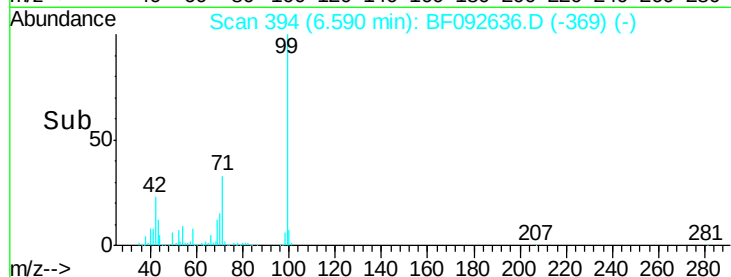
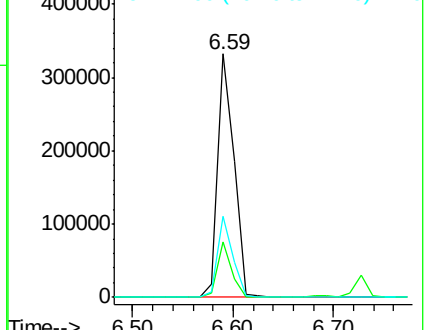
71 33.4 27.5 41.3



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



#11

bis(2-Chloroethyl)ether

Concen: 20.14 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

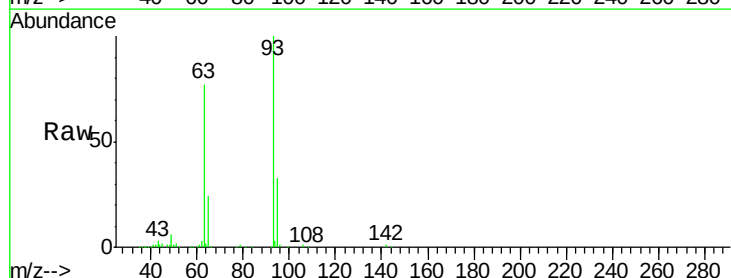
Tgt Ion: 93 Resp: 233717

Ion Ratio Lower Upper

93 100

63 77.0 60.4 100.4

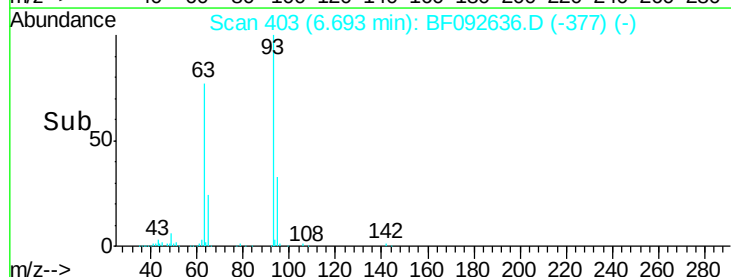
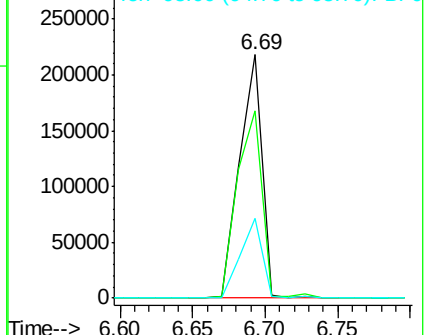
95 32.8 12.8 52.8

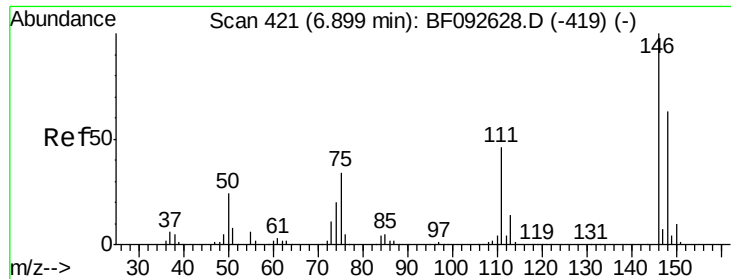


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

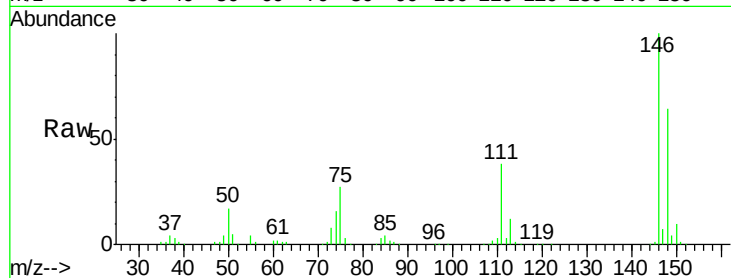




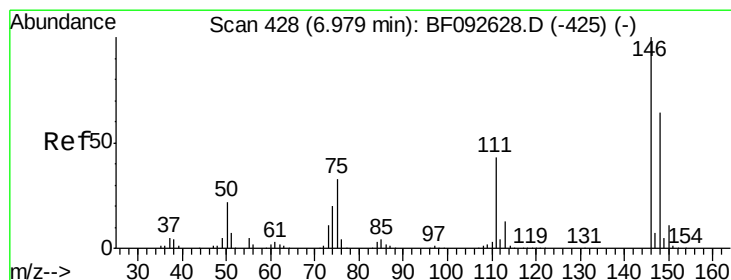
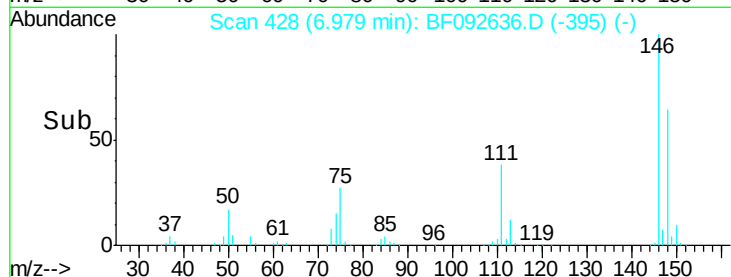
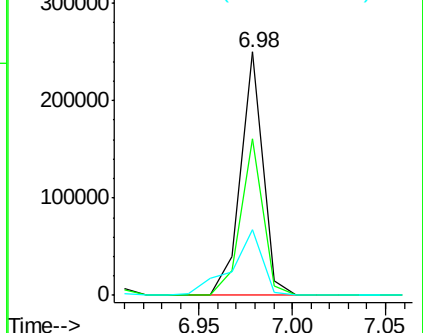
#12
 1,3-Dichlorobenzene
 Concen: 16.75 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.08 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Instrument :
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 0036DL

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.4	80.0
75	27.1	18.5	27.7

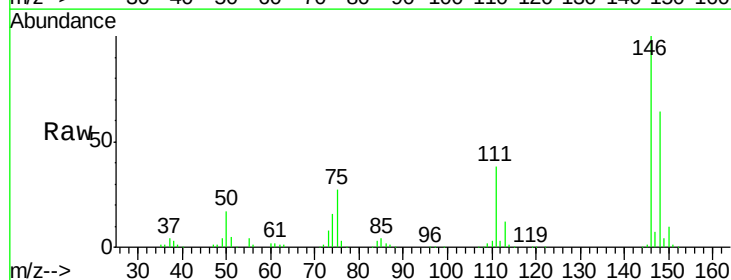


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

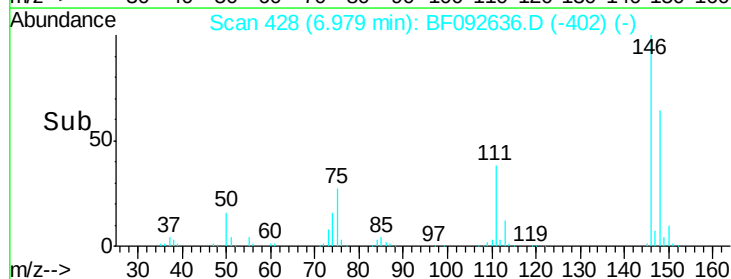
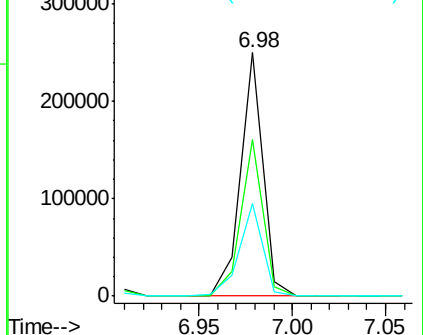


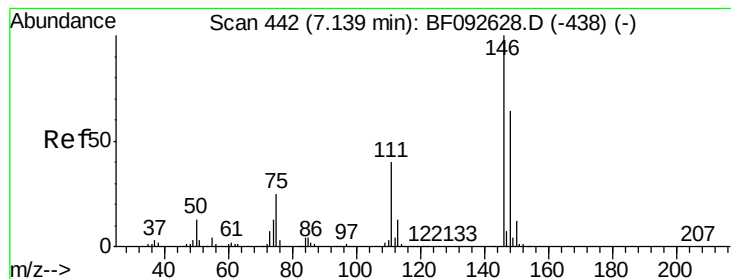
#13
 1,4-Dichlorobenzene
 Concen: 16.55 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	38.0	36.2	54.4



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

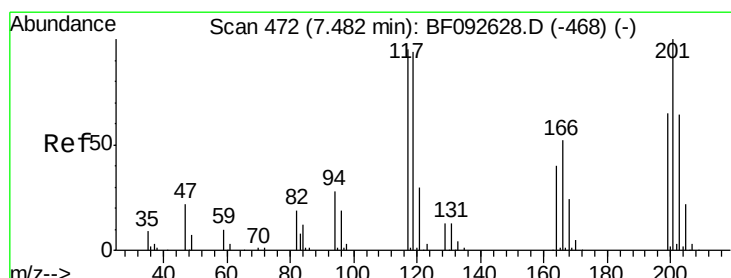
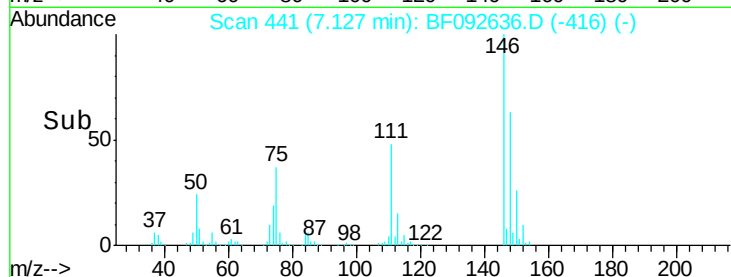
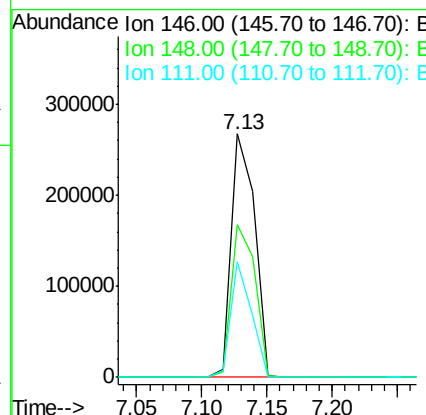
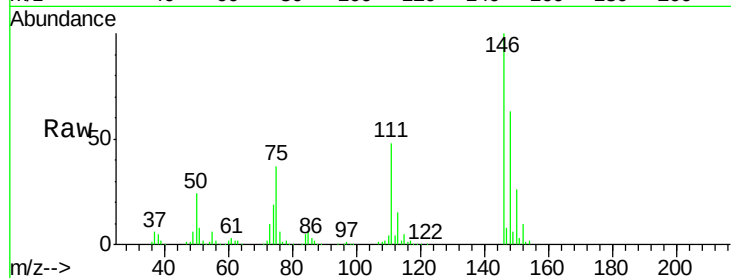




#14
 1,2-Dichlorobenzene
 Concen: 27.52 ng
 RT: 7.13 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

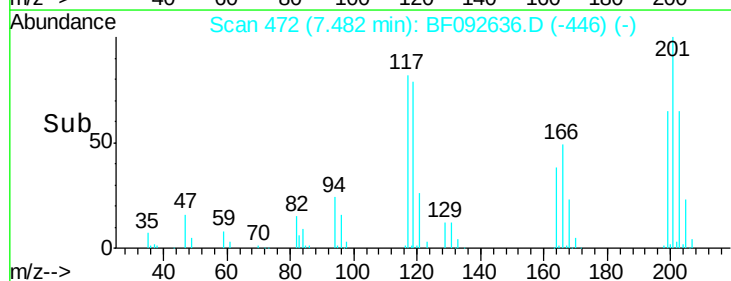
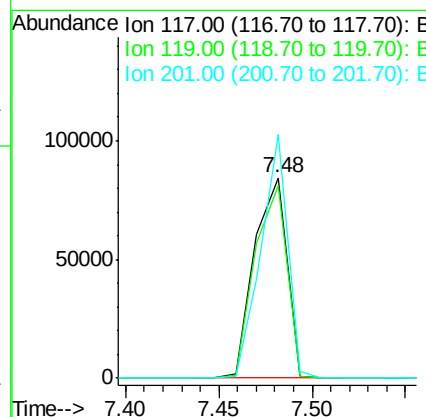
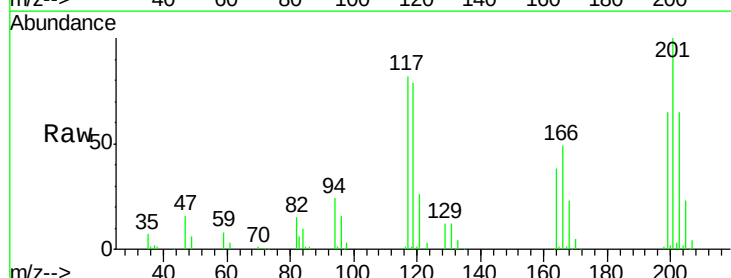
Instrument :
 BNA_F
 ClientSampleId :
 0036DL

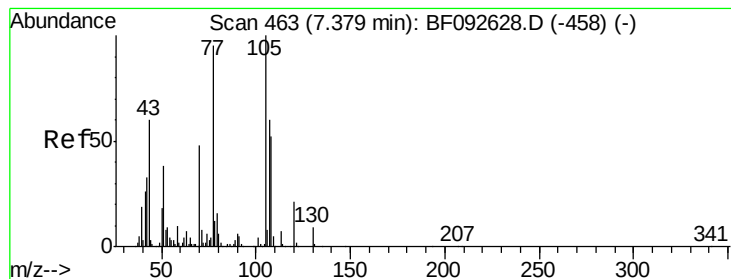
Tgt Ion:146 Resp: 332405
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.2
 111 47.7 36.2 54.2



#18
 Hexachloroethane
 Concen: 23.45 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion:117 Resp: 101104
 Ion Ratio Lower Upper
 117 100
 119 96.3 78.1 117.1
 201 121.4 78.6 117.8#





#19

n-Nitroso-di-n-propylamine

Concen: 33.02 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

ClientSampleId :

0036DL

Tgt Ion: 70 Resp: 261226

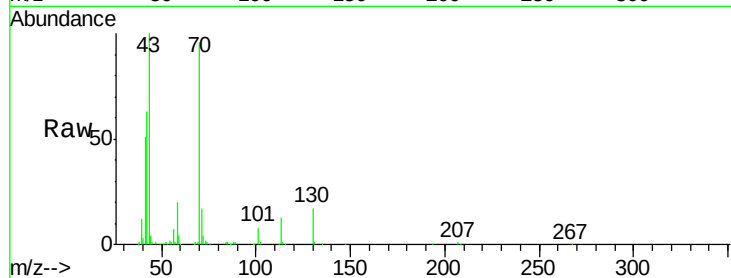
Ion Ratio Lower Upper

70 100

42 66.1 49.4 74.0

101 8.4 7.4 11.2

130 18.1 14.2 21.4

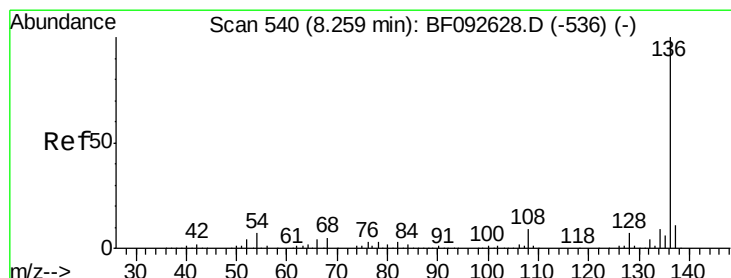
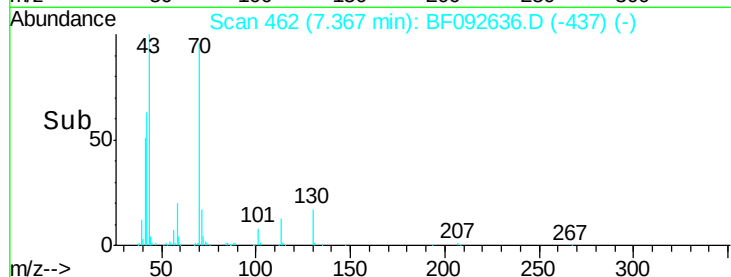
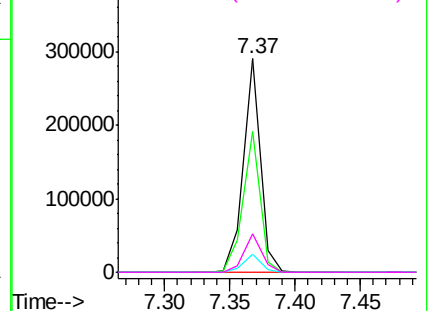


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Tgt Ion: 136 Resp: 695375

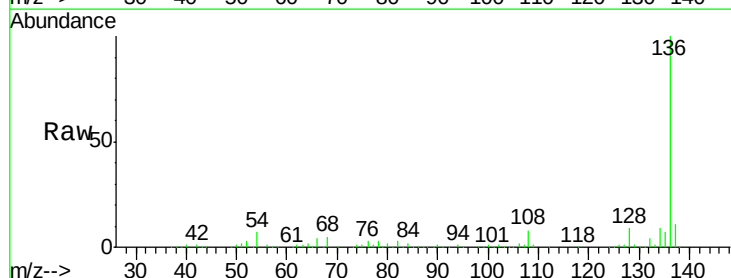
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 6.7 4.5 6.7

68 5.0 3.6 5.4

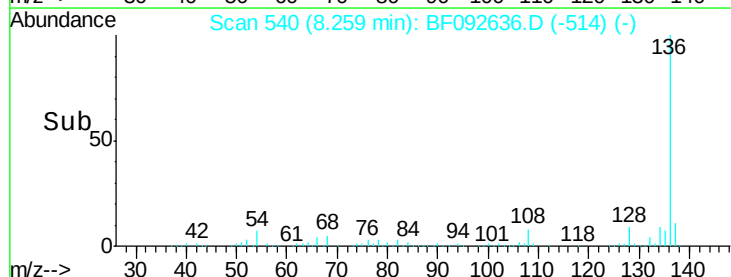
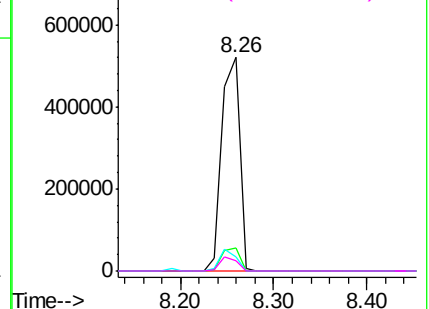


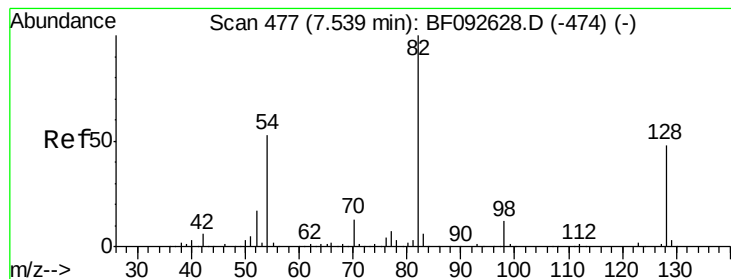
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 18.58 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

ClientSampleId :

0036DL

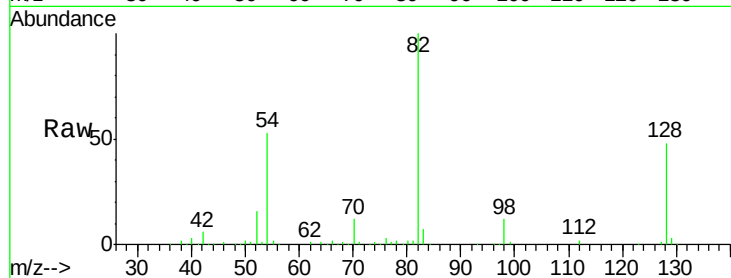
Tgt Ion: 82 Resp: 232012

Ion Ratio Lower Upper

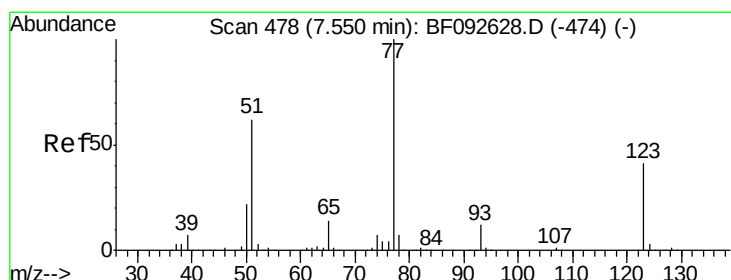
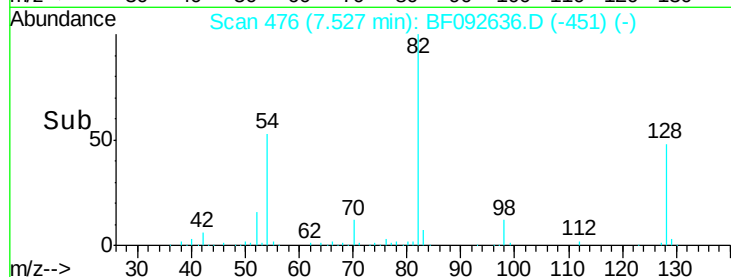
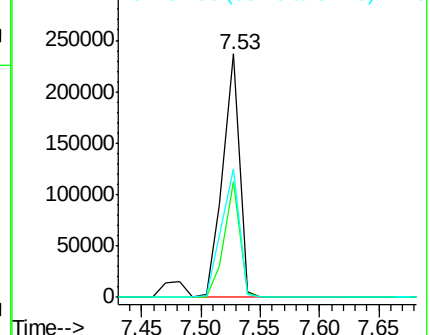
82 100

128 47.5 34.6 52.0

54 53.0 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 5.47 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

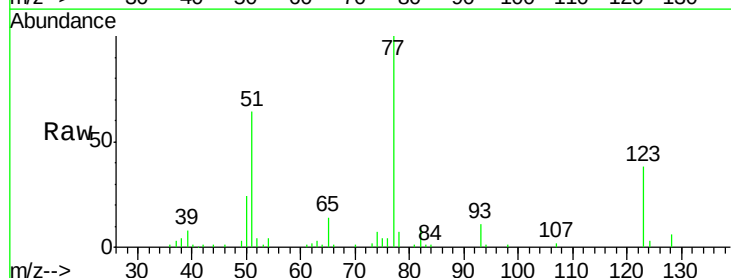
Tgt Ion: 77 Resp: 70087

Ion Ratio Lower Upper

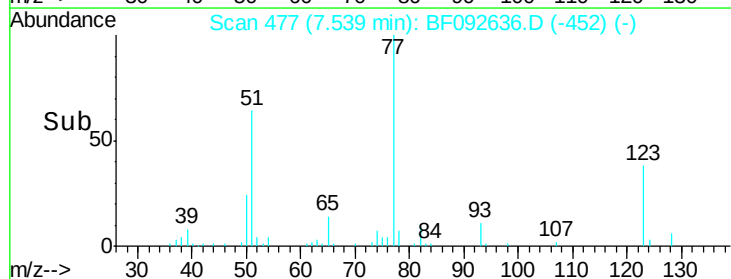
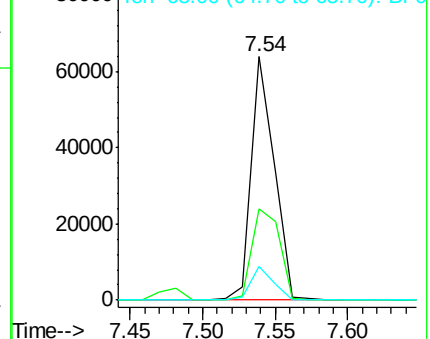
77 100

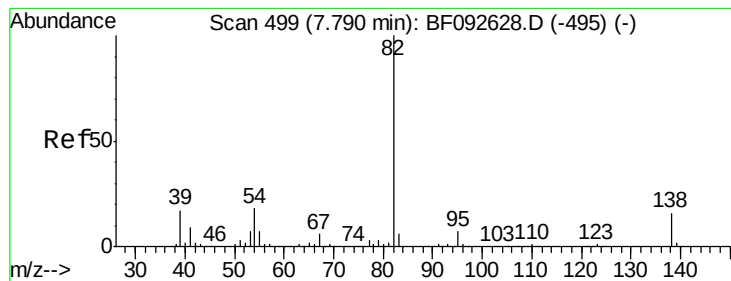
123 37.7 33.0 49.4

65 14.1 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 23.69 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

ClientSampleId :

0036DL

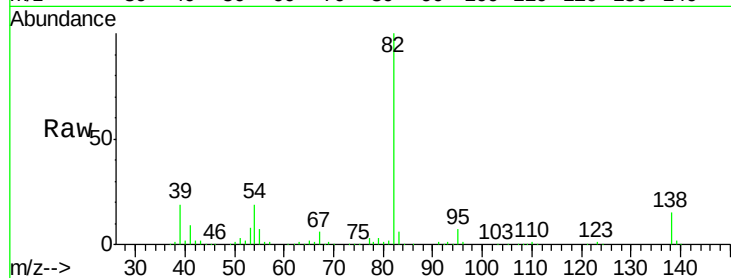
Tgt Ion: 82 Resp: 551318

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

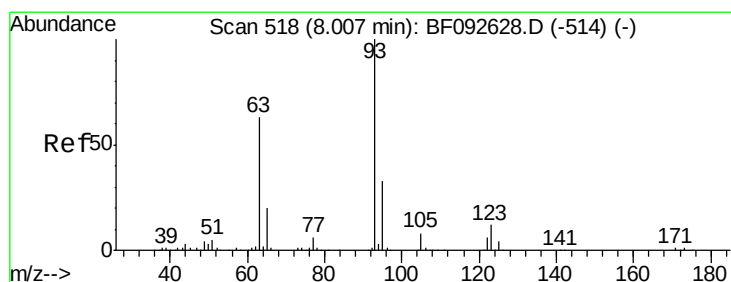
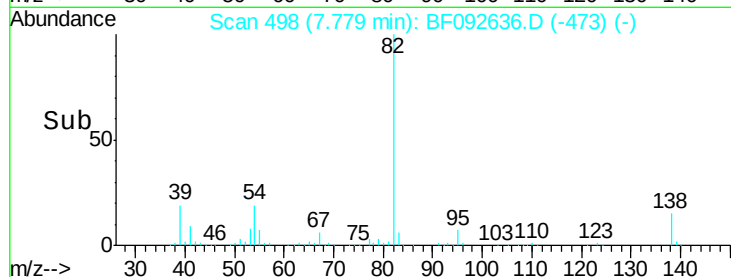
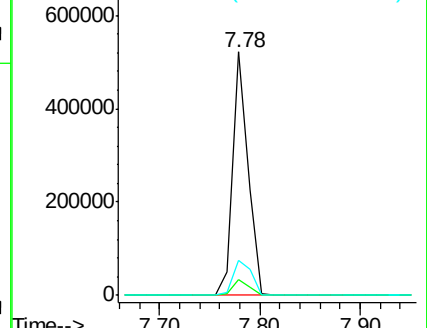
138 14.5 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 8.71 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

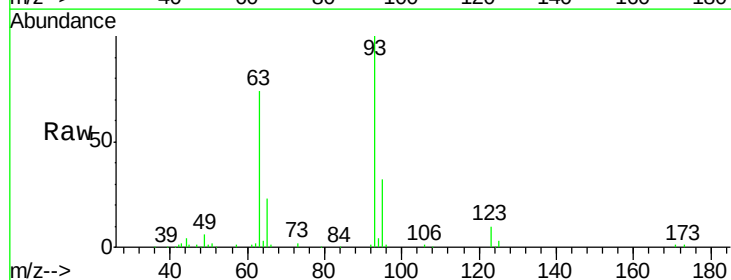
Tgt Ion: 93 Resp: 134289

Ion Ratio Lower Upper

93 100

95 31.8 26.5 39.7

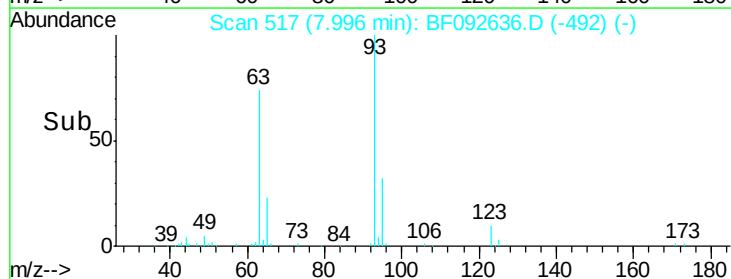
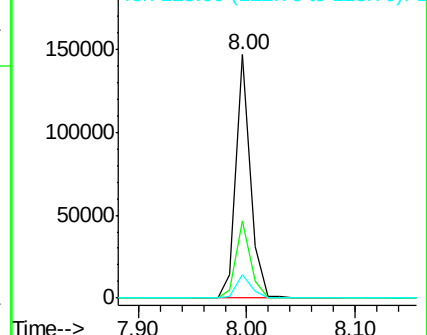
123 9.6 8.6 13.0

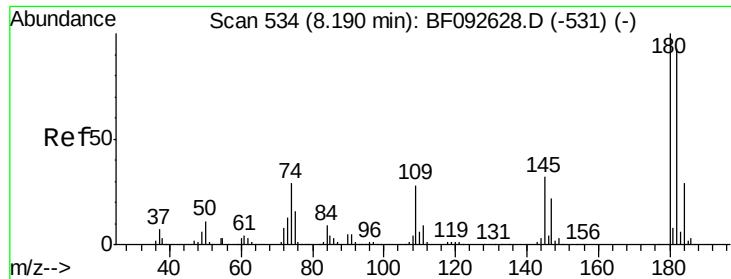


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

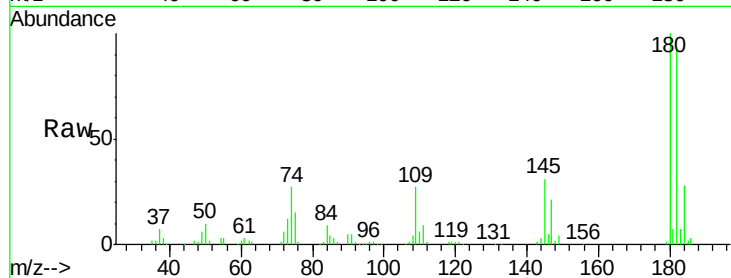




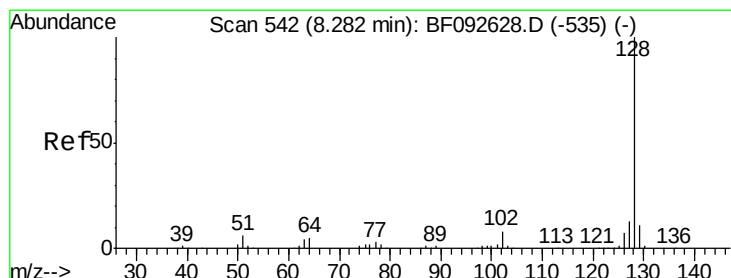
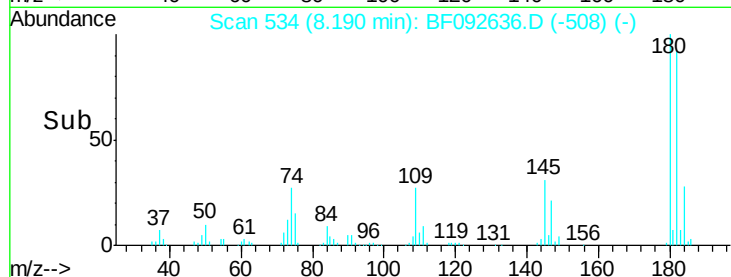
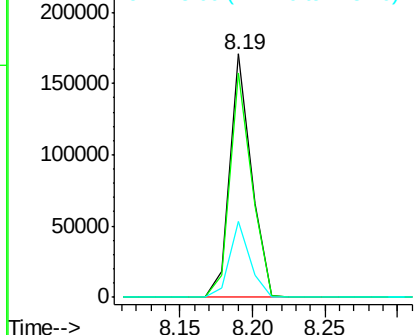
#30
 1,2,4-Trichlorobenzene
 Concen: 16.34 ng
 RT: 8.19 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 0036DL

Tgt Ion:180 Resp: 175787
 Ion Ratio Lower Upper
 180 100
 182 91.9 78.2 117.4
 145 31.1 21.6 32.4

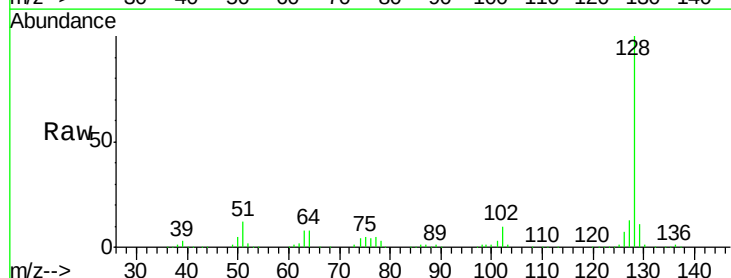


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

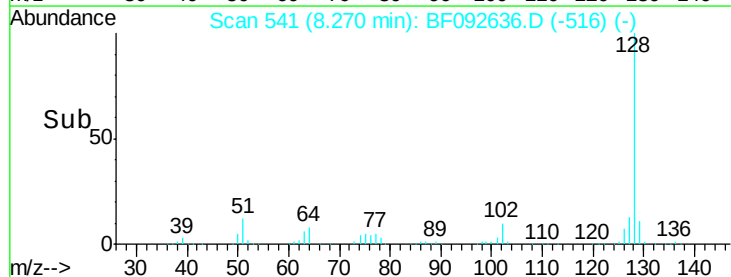
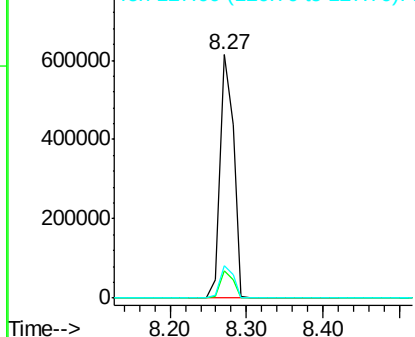


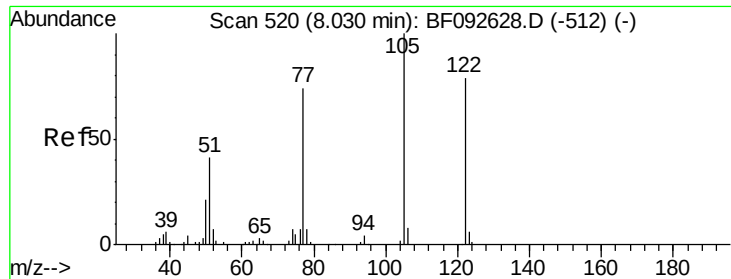
#31
 Naphthalene
 Concen: 21.57 ng
 RT: 8.27 min Scan# 541
 Delta R.T. -0.01 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion:128 Resp: 760257
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.5 14.3
 127 13.3 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

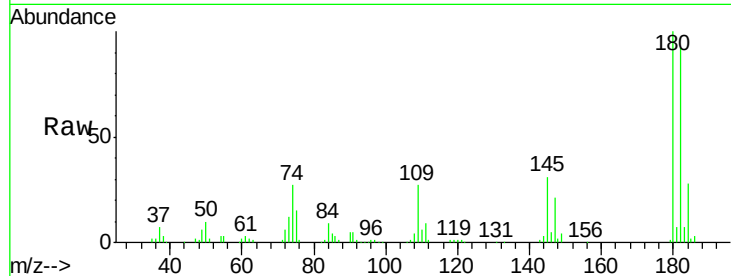




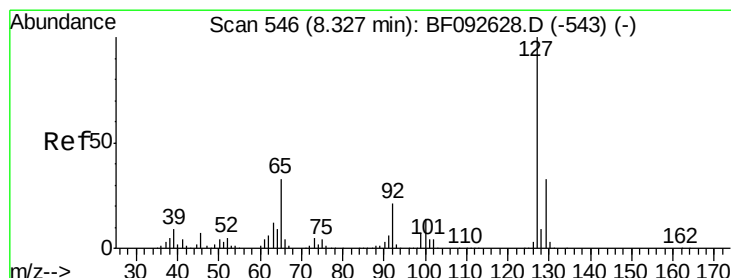
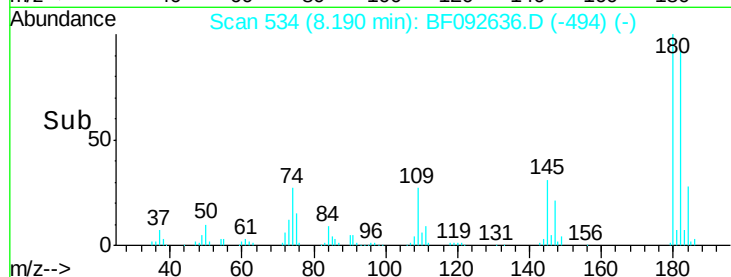
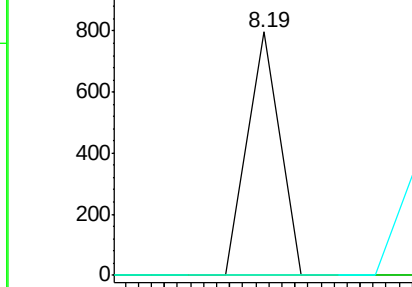
#32
Benzoic acid
Concen: 7.24 ng
RT: 8.19 min Scan# 534
Delta R.T. 0.16 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Instrument :
BNA_F
ClientSampleId :
0036DL

Tgt Ion:122 Resp: 547
Ion Ratio Lower Upper
122 100
105 0.0 107.2 147.2#
77 0.0 74.5 114.5#

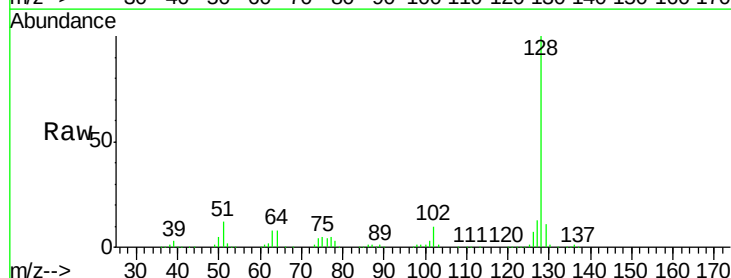


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

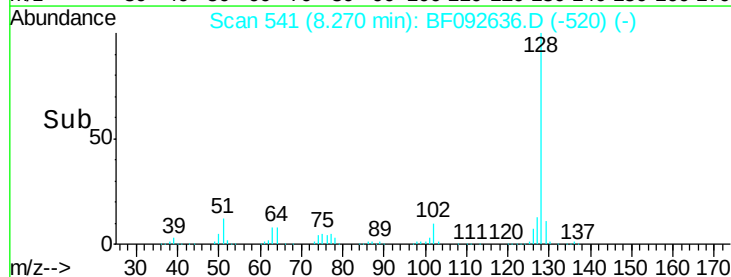
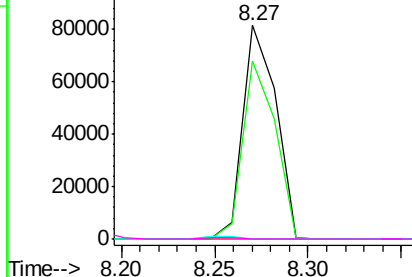


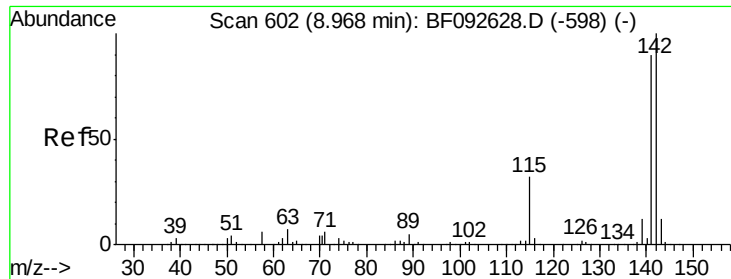
#33
4-Chloroaniline
Concen: 7.25 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Tgt Ion:127 Resp: 100285
Ion Ratio Lower Upper
127 100
129 83.4 26.3 39.5#
65 0.0 25.8 38.8#
92 0.0 16.1 24.1#



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

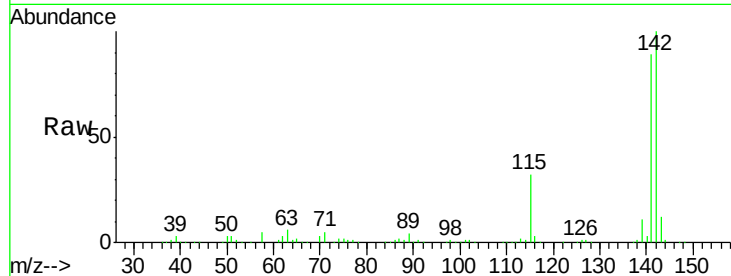




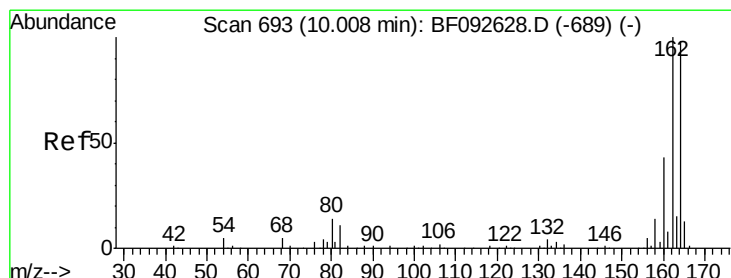
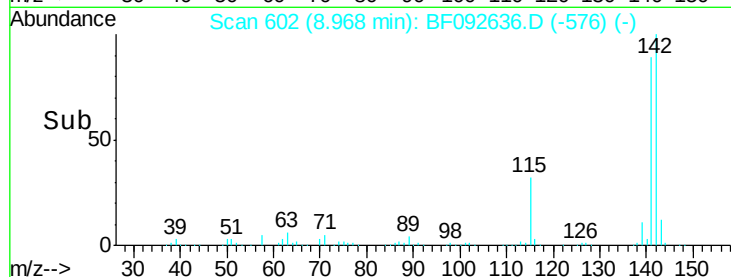
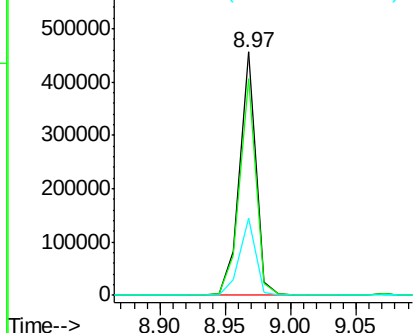
#37
 2-Methylnaphthalene
 Concen: 17.34 ng
 RT: 8.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 0036DL

Tgt Ion:142 Resp: 392469
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.0 106.6
 115 31.8 28.3 42.5

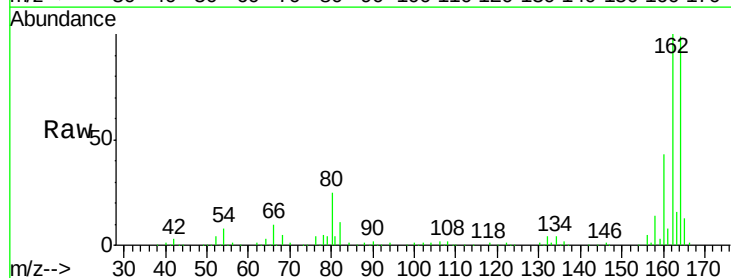


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

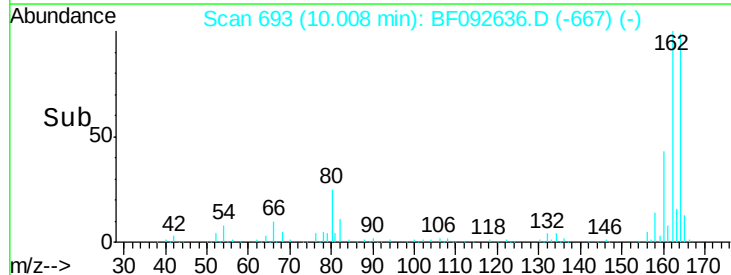
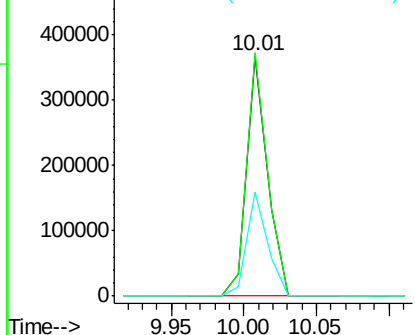


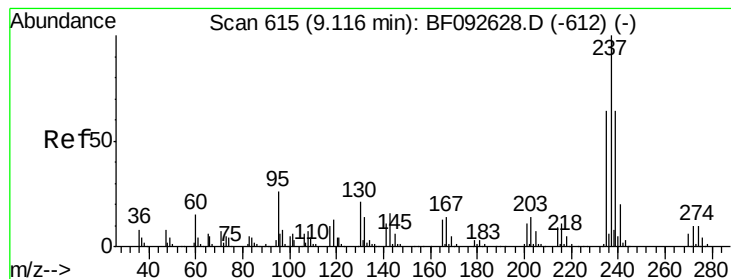
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion:164 Resp: 367021
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.2 120.2
 160 43.6 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#40

Hexachlorocyclopentadiene

Concen: 15.17 ng

RT: 9.12 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

ClientSampleId :

0036DL

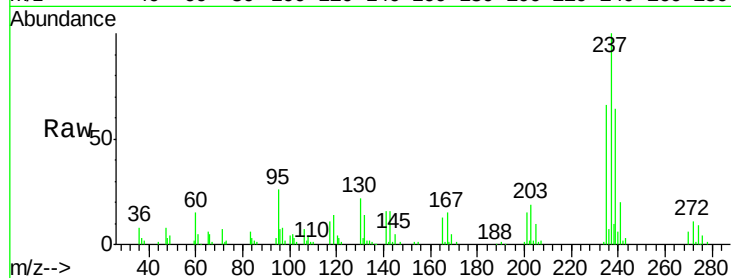
Tgt Ion:237 Resp: 70491

Ion Ratio Lower Upper

237 100

235 65.7 41.2 81.2

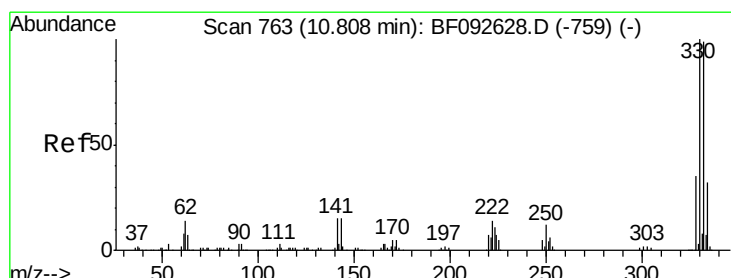
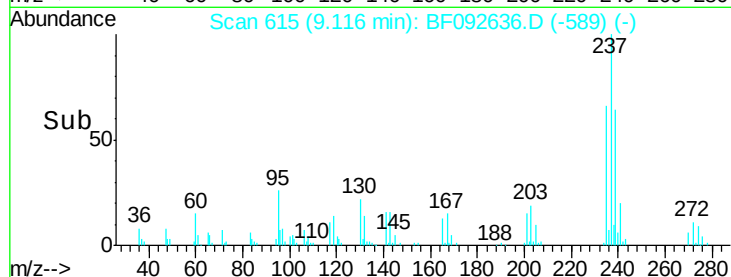
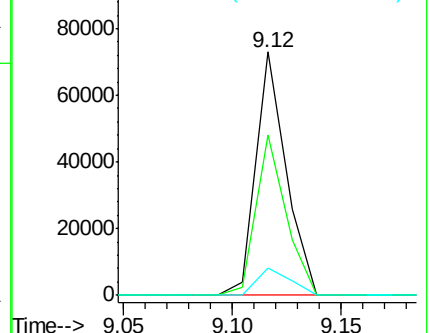
272 11.3 0.0 35.4



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: 27.43 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

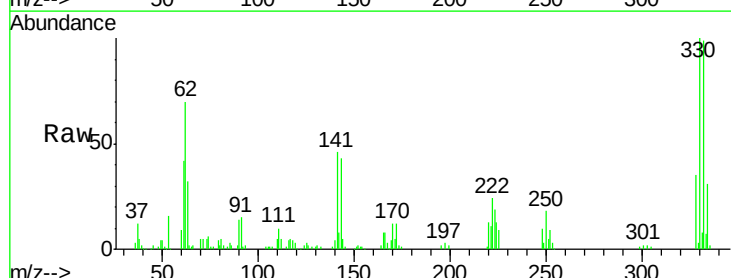
Tgt Ion:330 Resp: 72819

Ion Ratio Lower Upper

330 100

332 100.4 77.4 116.2

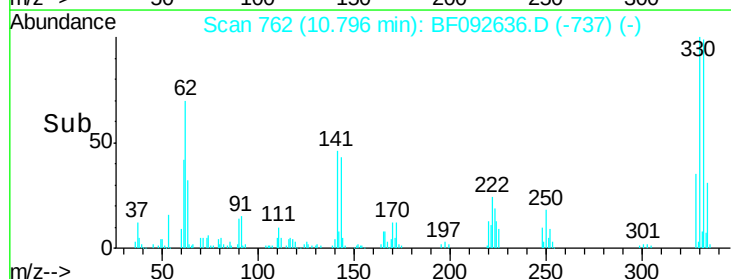
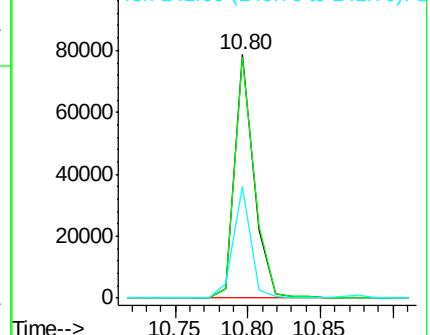
141 41.3 34.1 51.1

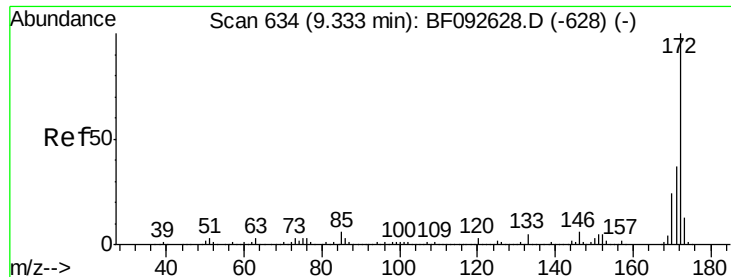


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

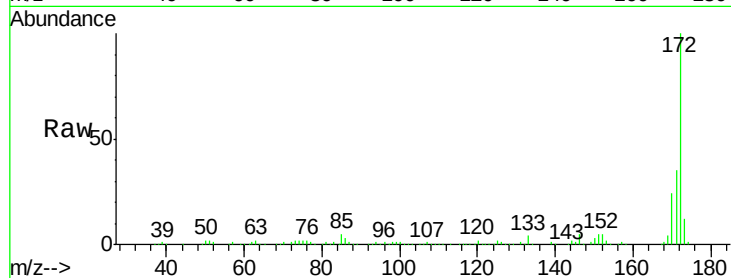




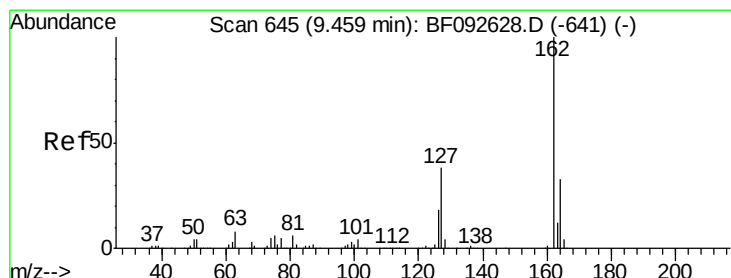
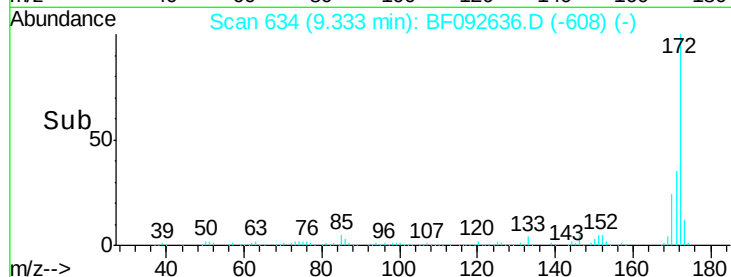
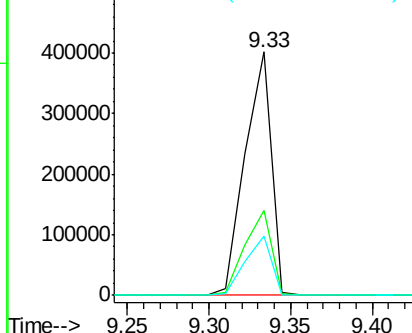
#44
 2-Fluorobiphenyl
 Concen: 22.17 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Instrument :
 BNA_F
 ClientSampleID :
 0036DL

Tgt Ion:172 Resp: 449118
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.4 44.0
 170 24.2 20.2 30.4

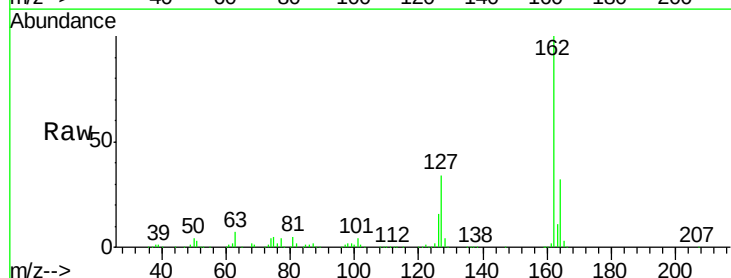


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

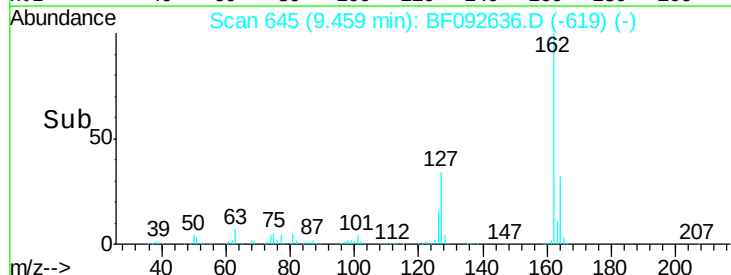
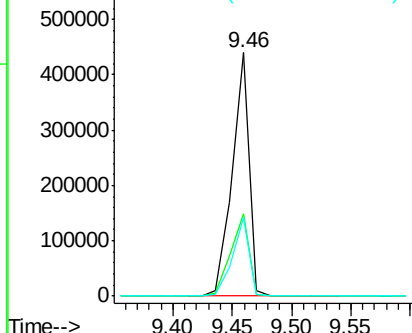


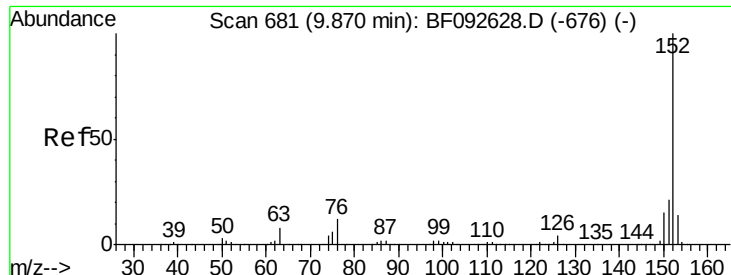
#46
 2-Chloronaphthalene
 Concen: 20.89 ng
 RT: 9.46 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion:162 Resp: 434218
 Ion Ratio Lower Upper
 162 100
 127 34.1 30.7 46.1
 164 32.3 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





#48

Acenaphthylene

Concen: 18.81 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

ClientSampleId :

0036DL

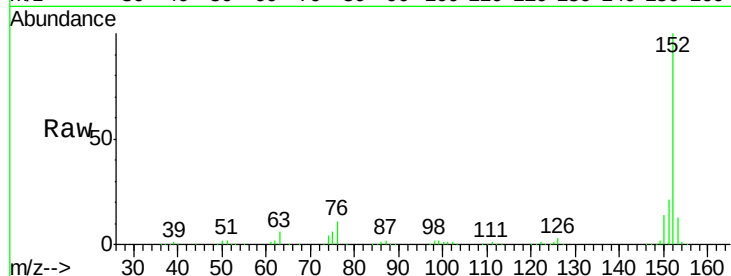
Tgt Ion:152 Resp: 675481

Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

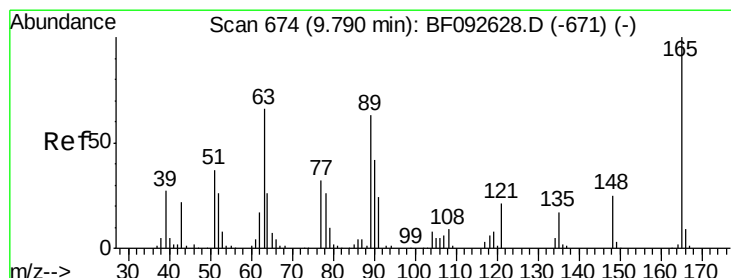
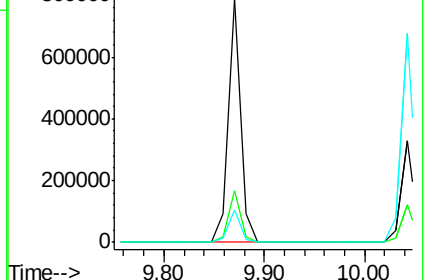
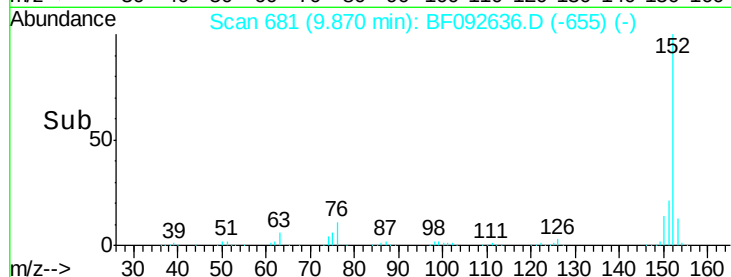
153 13.4 11.4 17.2



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



#50

2,6-Dinitrotoluene

Concen: 8.81 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.22 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

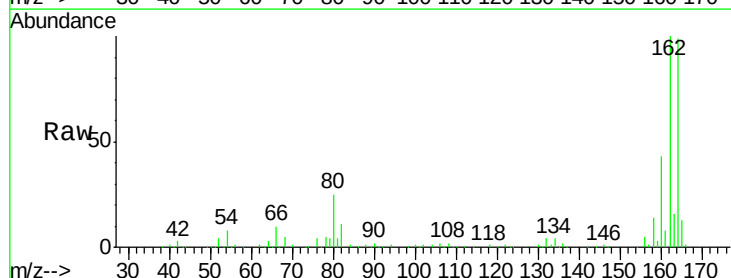
Tgt Ion:165 Resp: 47044

Ion Ratio Lower Upper

165 100

63 1.0 36.2 54.4#

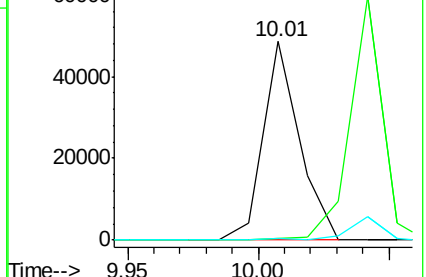
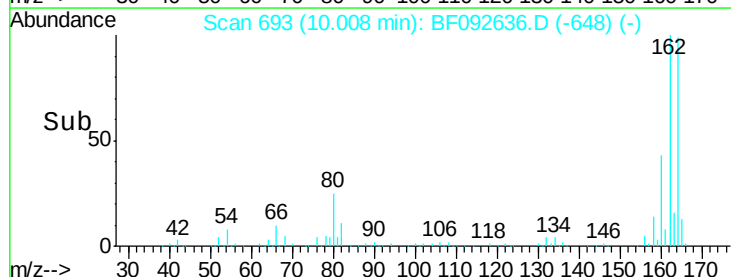
89 0.9 40.2 60.4#

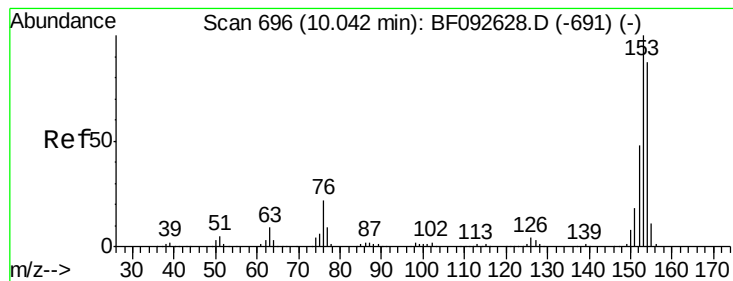


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 25.28 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

ClientSampleId :

0036DL

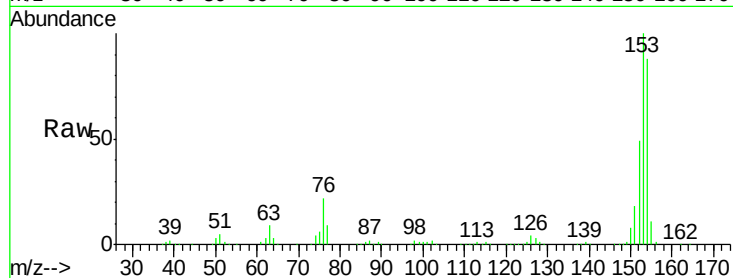
Tgt Ion:154 Resp: 542881

Ion Ratio Lower Upper

154 100

153 113.2 88.6 133.0

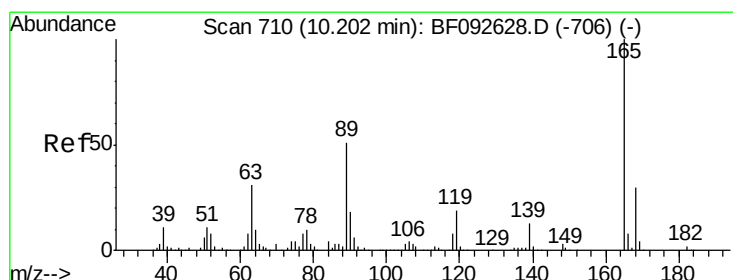
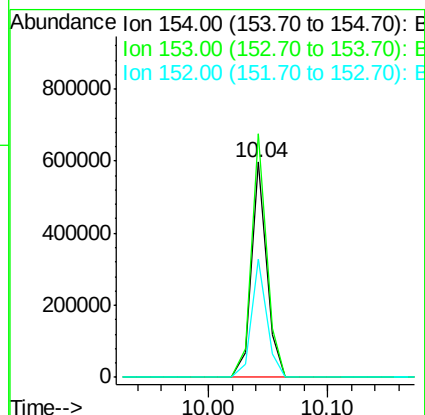
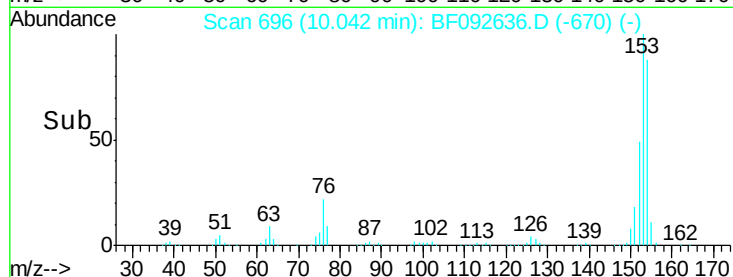
152 54.9 41.6 62.4



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



#56

2,4-Dinitrotoluene

Concen: 4.45 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Tgt Ion:165 Resp: 31644

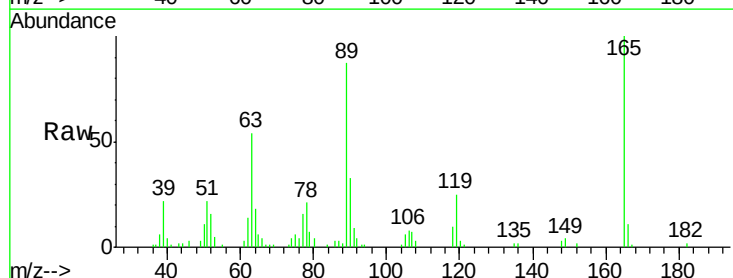
Ion Ratio Lower Upper

165 100

63 54.0 40.2 60.4

89 86.5 62.5 93.7

182 2.2 1.8 2.8

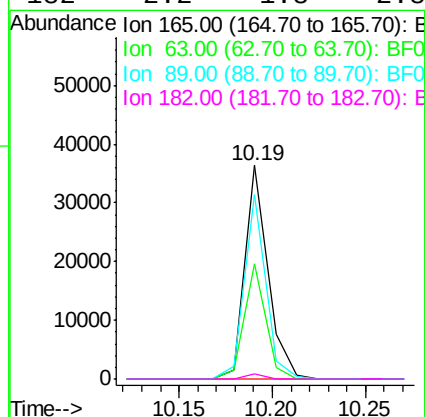
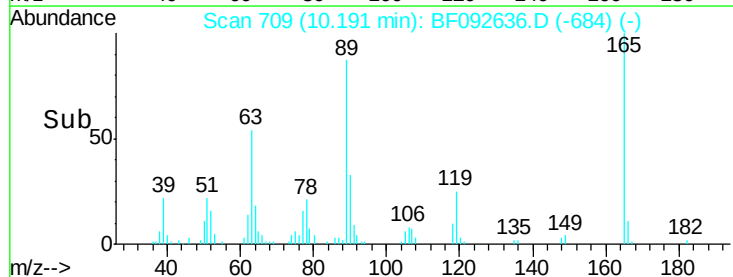


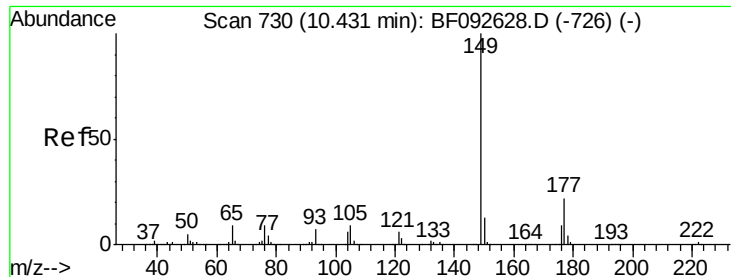
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

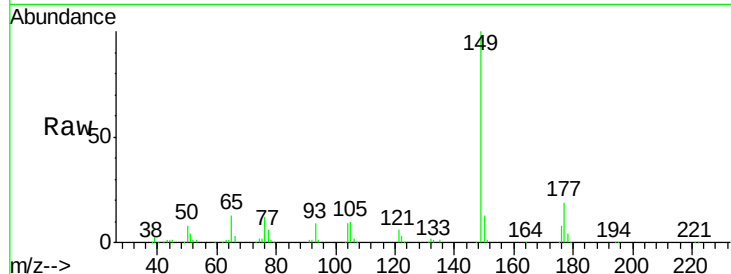




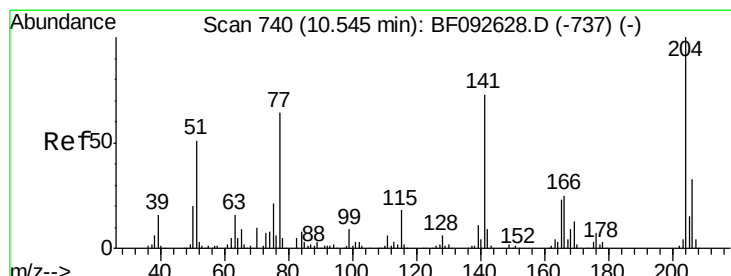
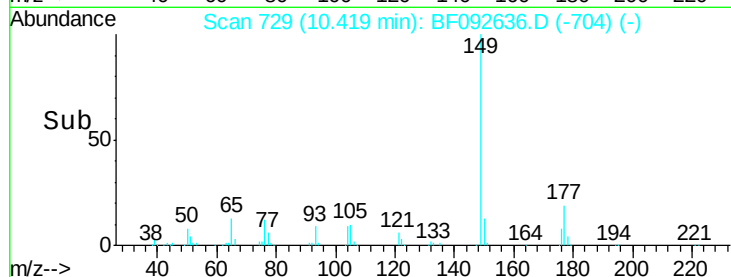
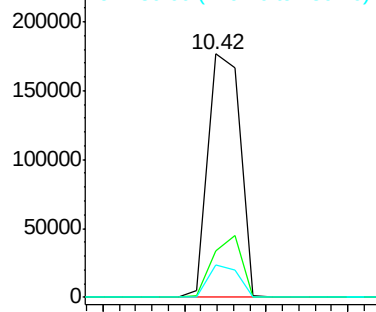
#59
Diethylphthalate
Concen: 10.29 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Instrument :
BNA_F
ClientSampled :
0036DL

Tgt Ion:149 Resp: 239755
Ion Ratio Lower Upper
149 100
177 19.2 16.6 25.0
150 13.2 10.4 15.6

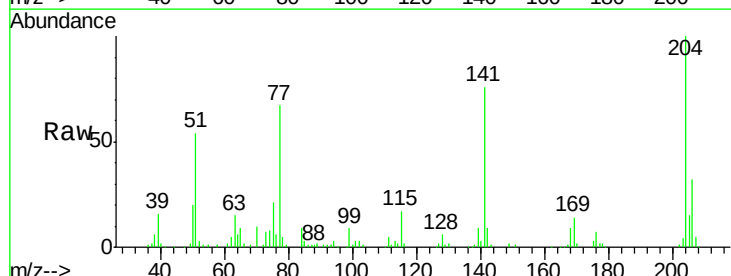


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

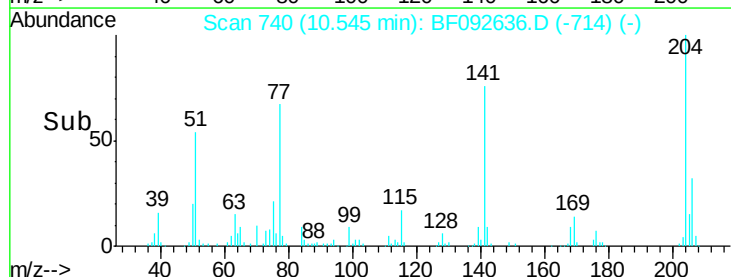
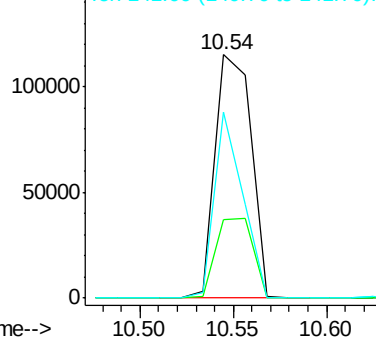


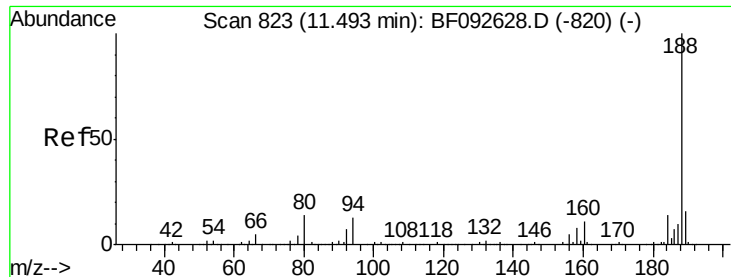
#60
4-Chlorophenyl-phenylether
Concen: 14.52 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Tgt Ion:204 Resp: 154147
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 76.2 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

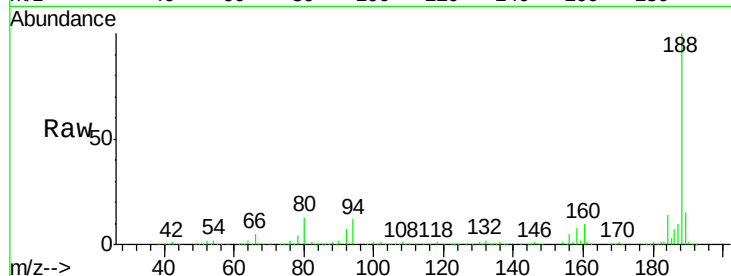




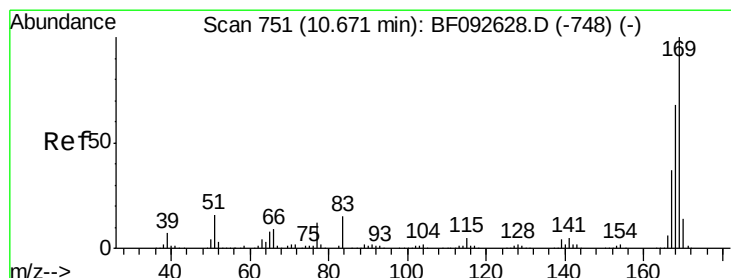
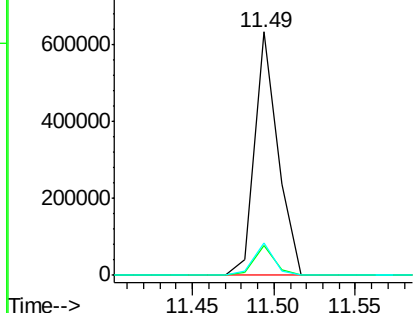
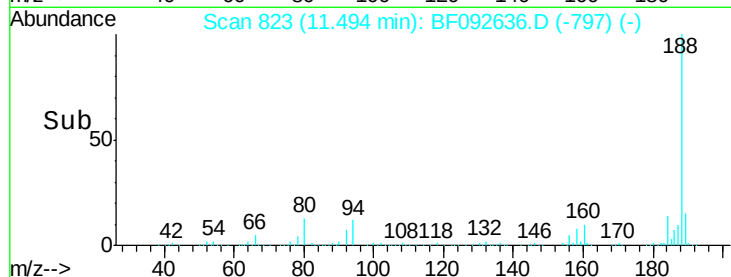
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Instrument :
BNA_F
ClientSampleId :
0036DL

Tgt Ion:188 Resp: 626883
Ion Ratio Lower Upper
188 100
94 12.3 10.0 15.0
80 13.3 11.2 16.8

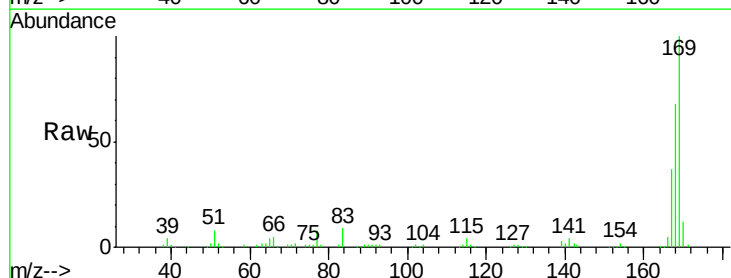


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

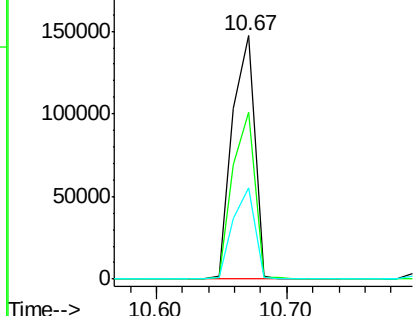
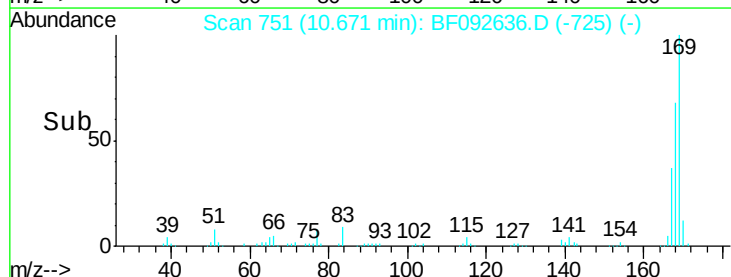


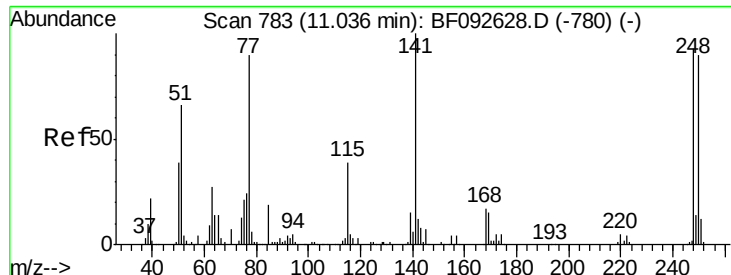
#65
n-Nitrosodiphenylamine
Concen: 8.74 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Tgt Ion:169 Resp: 175055
Ion Ratio Lower Upper
169 100
168 68.4 54.2 81.2
167 37.4 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

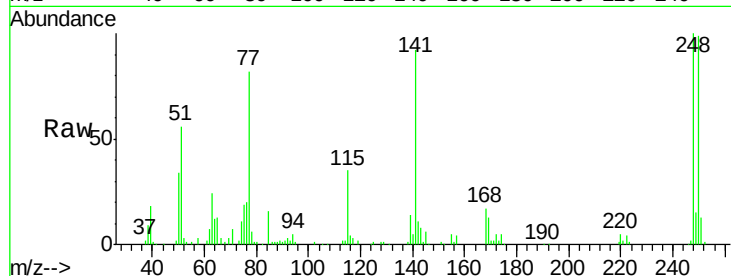




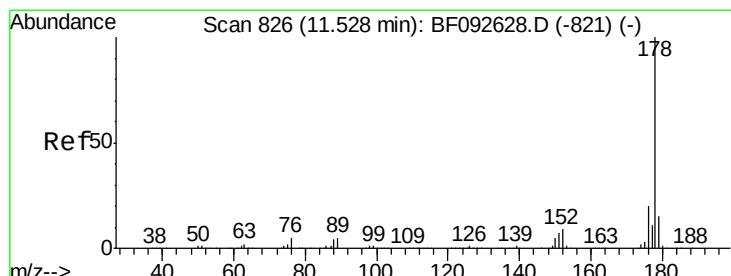
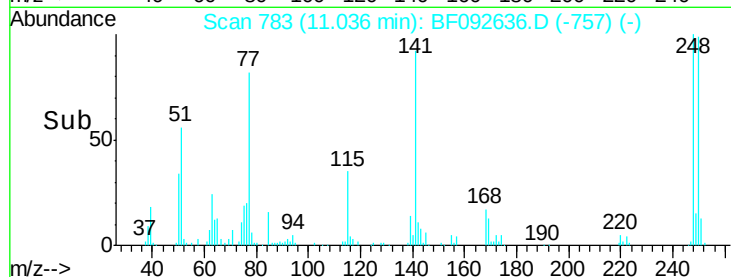
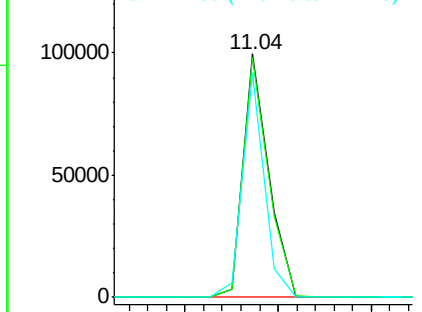
#66
 4-Bromophenyl-phenylether
 Concen: 14.43 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 0036DL

Tgt Ion: 248 Resp: 94509
 Ion Ratio Lower Upper
 248 100
 250 98.7 76.9 115.3
 141 92.2 68.2 102.4

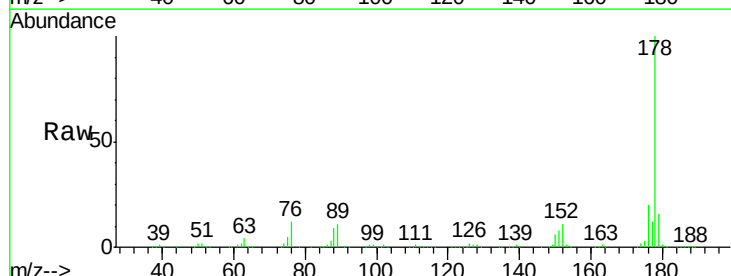


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

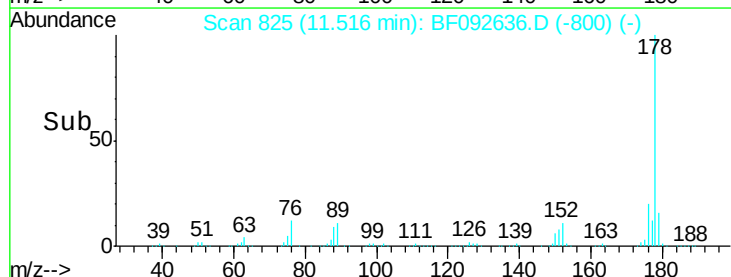
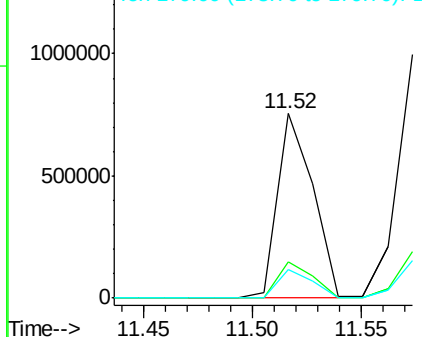


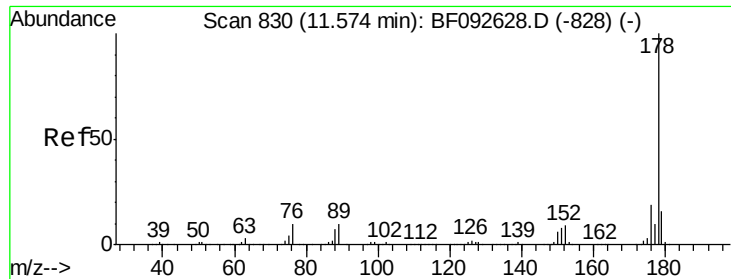
#70
 Phenanthrene
 Concen: 23.89 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion: 178 Resp: 857868
 Ion Ratio Lower Upper
 178 100
 176 19.7 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

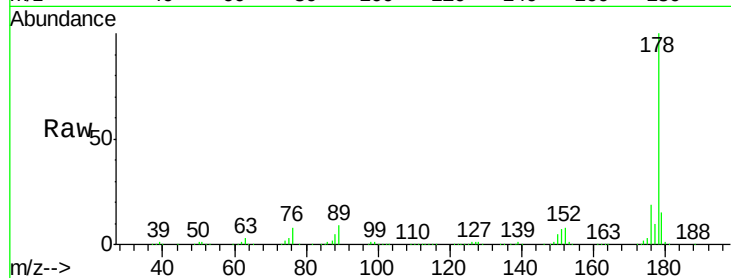




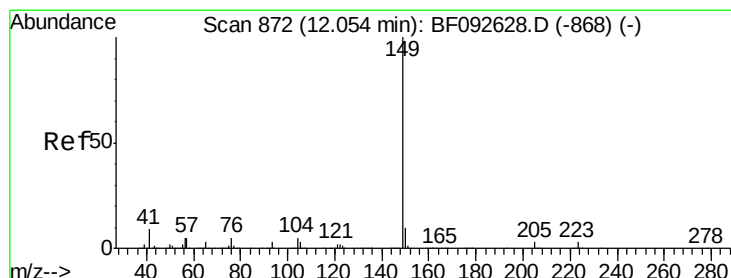
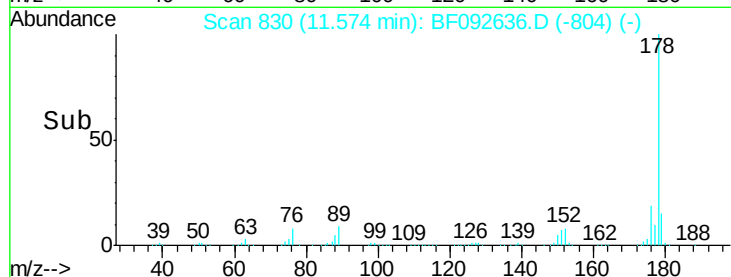
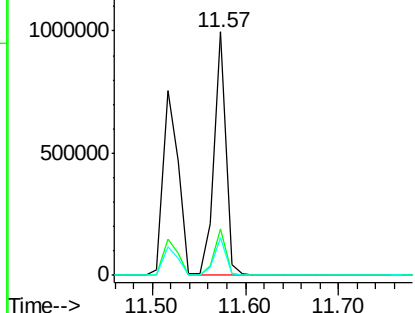
#71
 Anthracene
 Concen: 24.08 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 0036DL

Tgt Ion:178 Resp: 868425
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.2 13.2 19.8

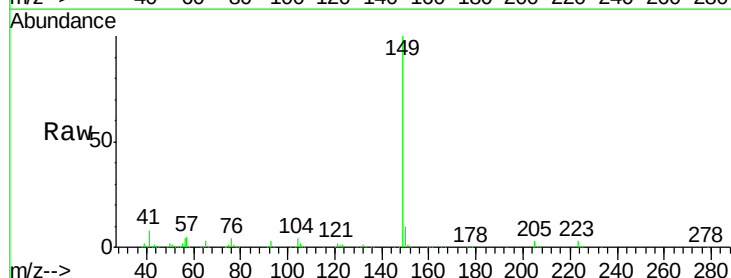


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

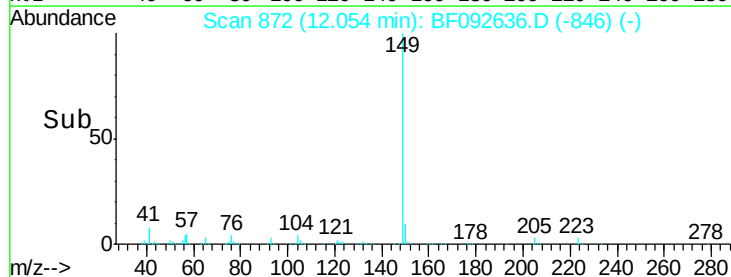
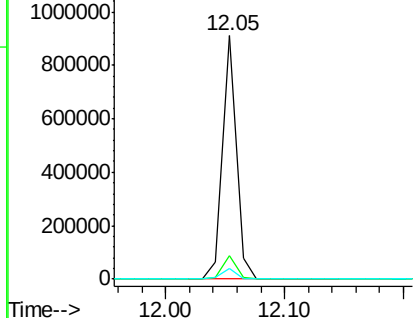


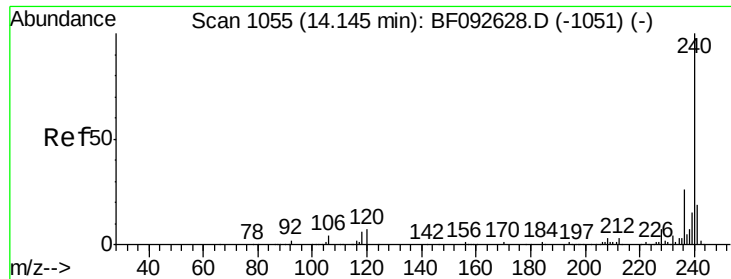
#73
 Di-n-butylphthalate
 Concen: 19.42 ng
 RT: 12.05 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion:149 Resp: 724251
 Ion Ratio Lower Upper
 149 100
 150 9.6 8.1 12.1
 104 4.3 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

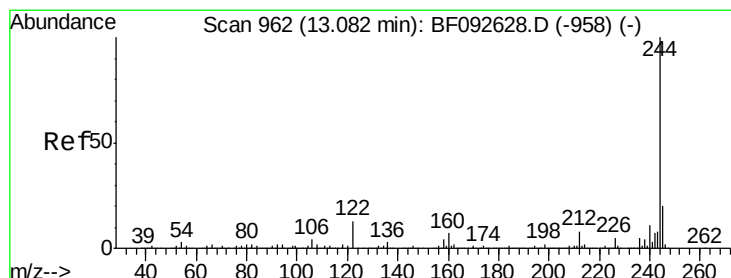
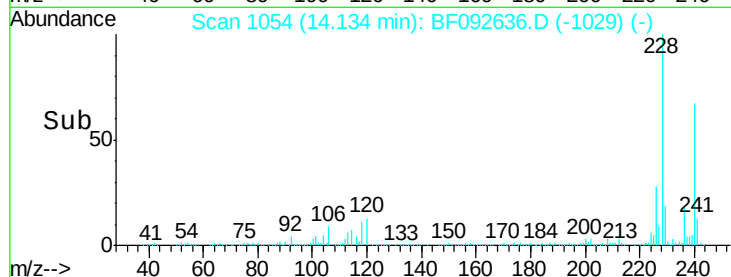
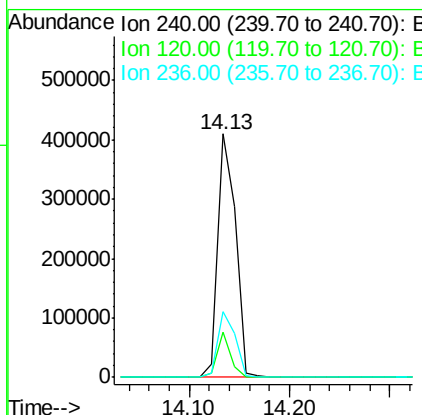
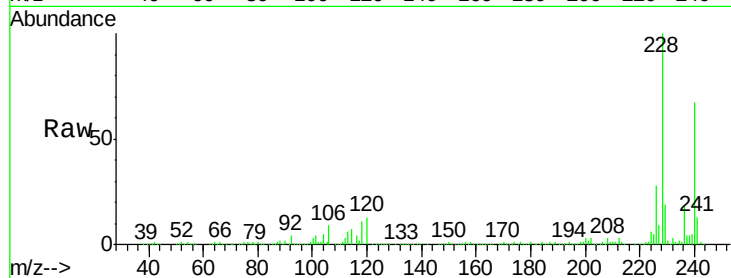




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

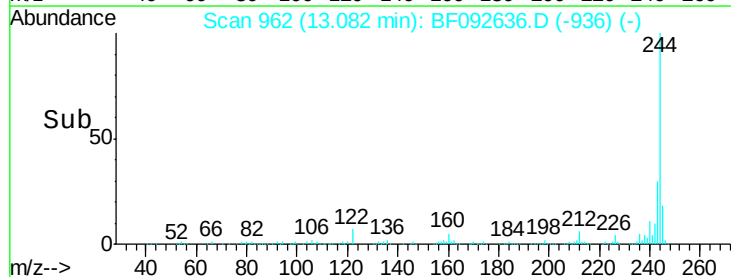
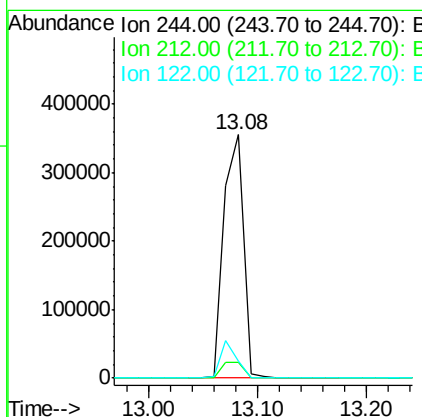
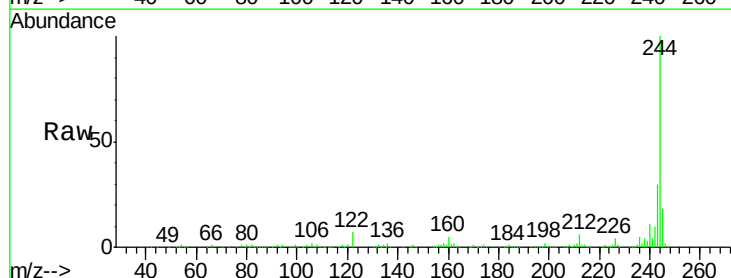
Instrument :
 BNA_F
 ClientSampleID :
 0036DL

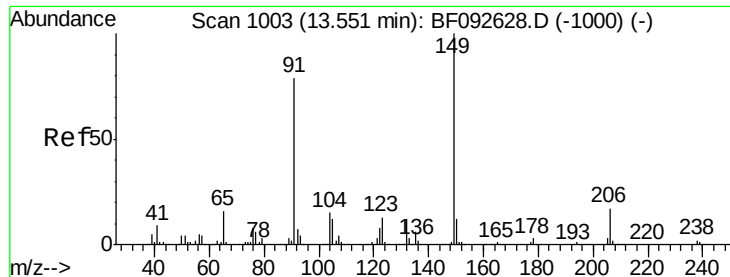
Tgt Ion:240 Resp: 503221
 Ion Ratio Lower Upper
 240 100
 120 18.8 12.9 19.3
 236 27.0 20.9 31.3



#78
 Terphenyl-d14
 Concen: 20.83 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion:244 Resp: 446076
 Ion Ratio Lower Upper
 244 100
 212 6.3 6.2 9.2
 122 7.1 11.4 17.2#

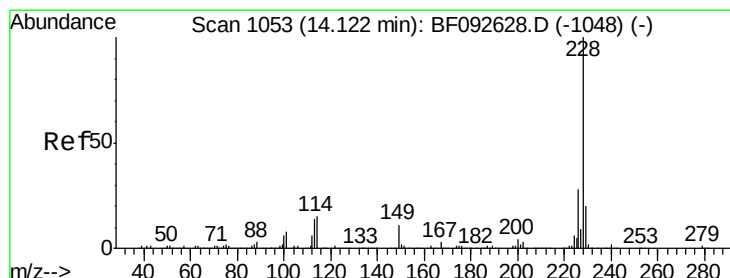
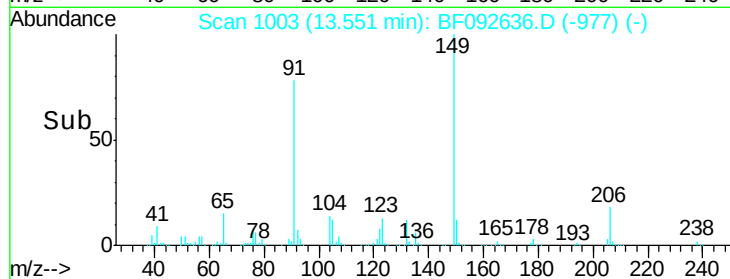
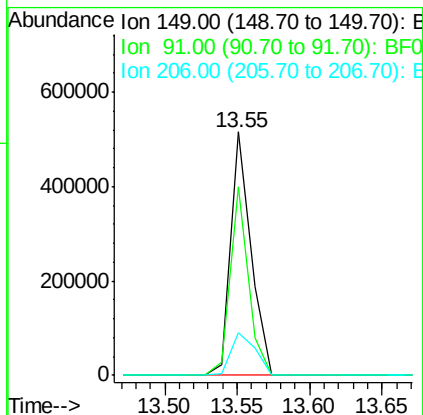
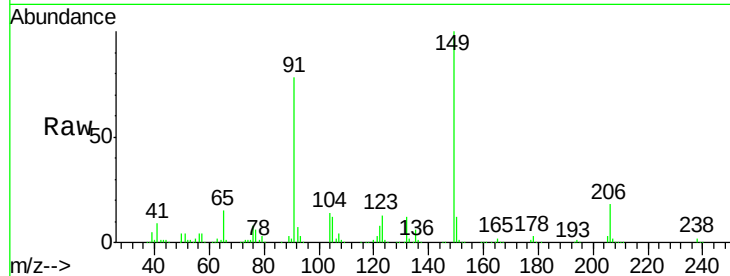




#79
Butylbenzylphthalate
Concen: 32.77 ng
RT: 13.55 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

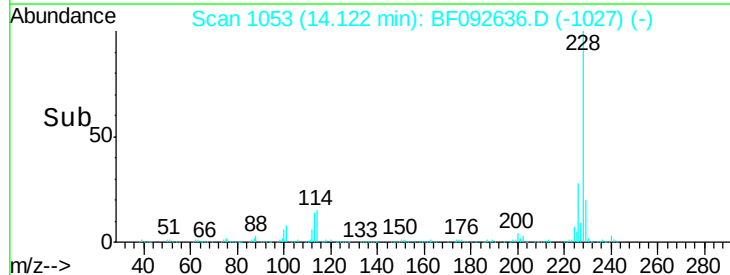
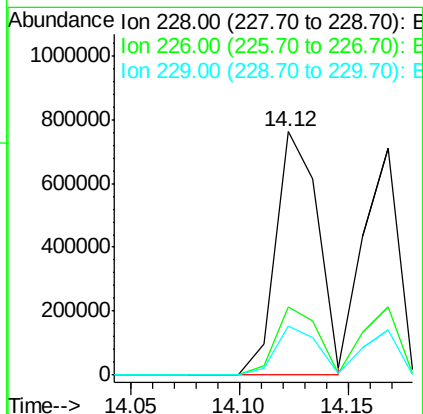
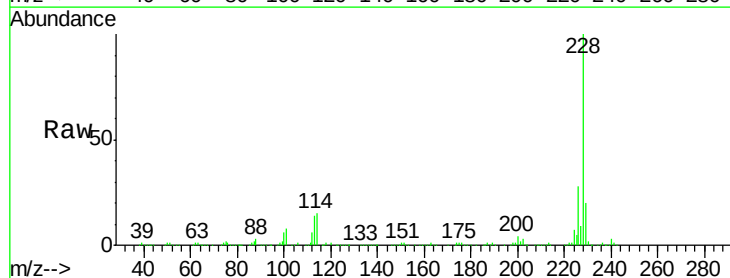
Instrument :
BNA_F
ClientSampleId :
0036DL

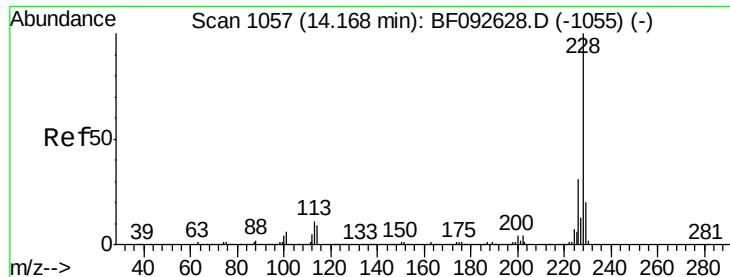
Tgt Ion:149 Resp: 501121
Ion Ratio Lower Upper
149 100
91 77.5 63.9 95.9
206 17.6 14.6 21.8



#80
Benzo(a)anthracene
Concen: 33.33 ng
RT: 14.12 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Tgt Ion:228 Resp: 1025862
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.0 16.2 24.4





#82

Chrysene

Concen: 27.94 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

ClientSampleId :

0036DL

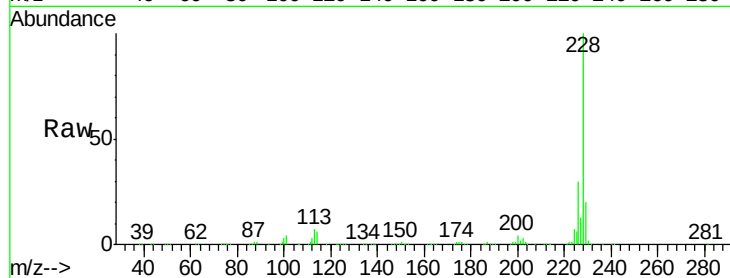
Tgt Ion:228 Resp: 805200

Ion Ratio Lower Upper

228 100

226 30.2 25.4 38.0

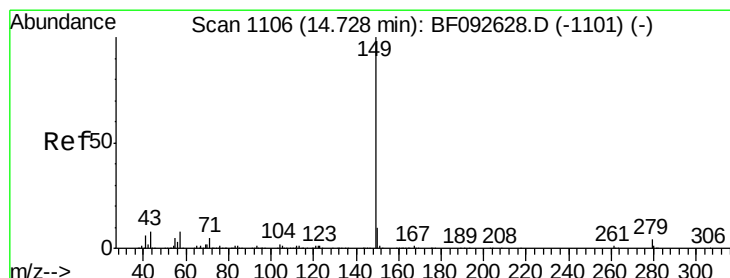
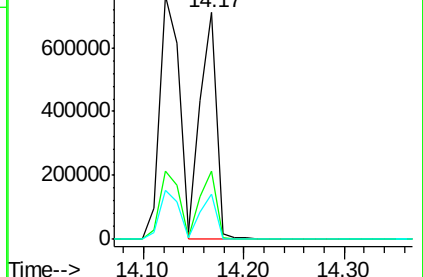
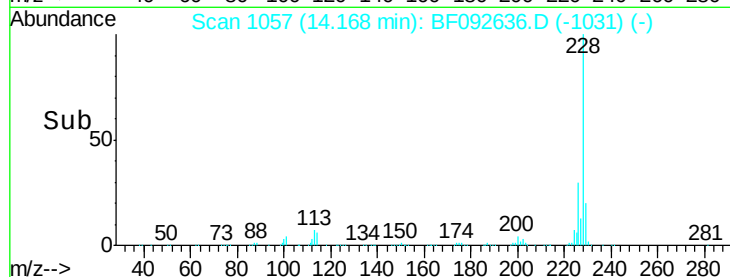
229 19.8 16.2 24.2



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



#84

Di-n-octyl phthalate

Concen: 23.90 ng

RT: 14.72 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

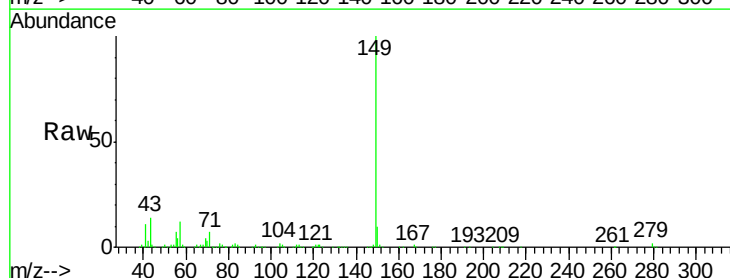
Tgt Ion:149 Resp: 813893

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

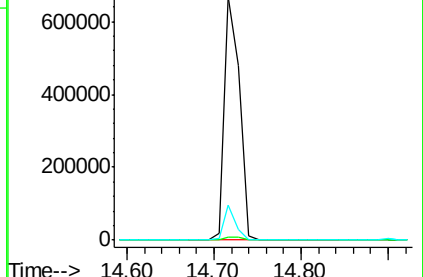
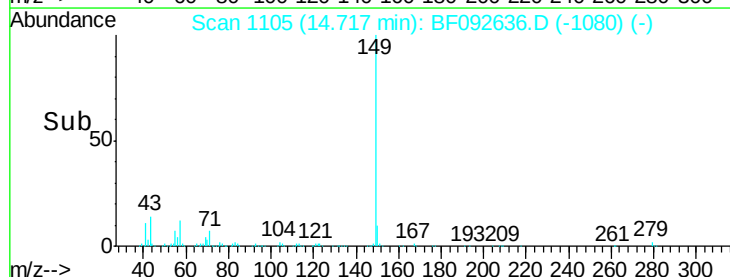
43 11.3 8.9 13.3

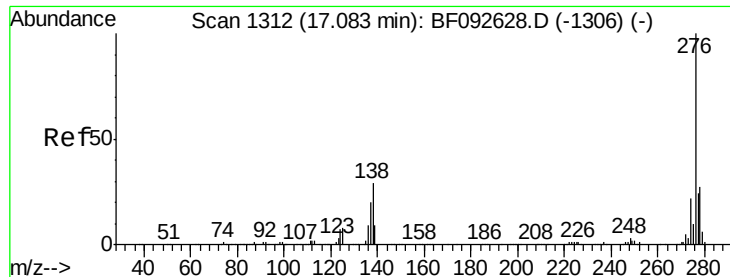


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

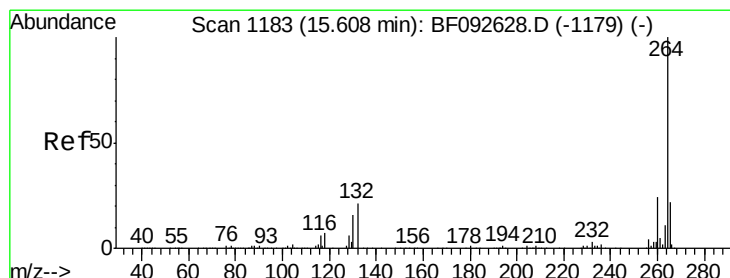
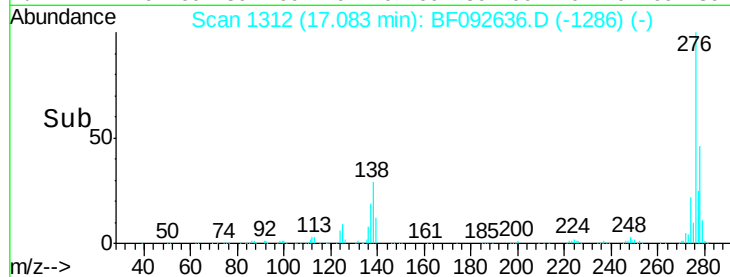
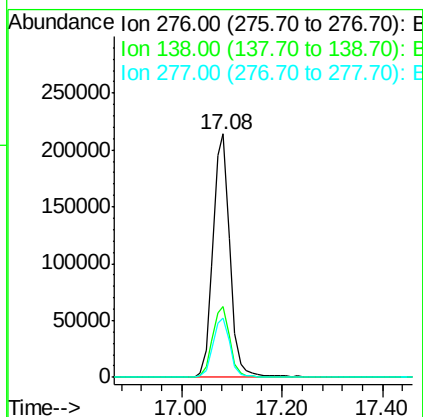
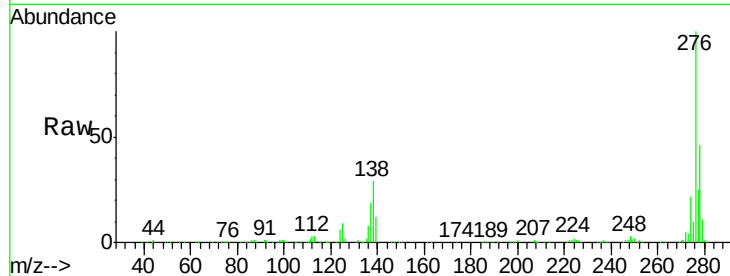




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.45 ng
 RT: 17.08 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

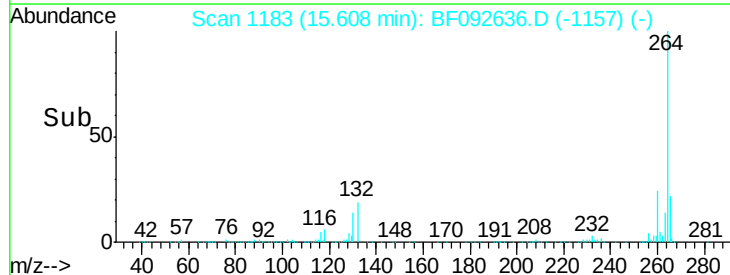
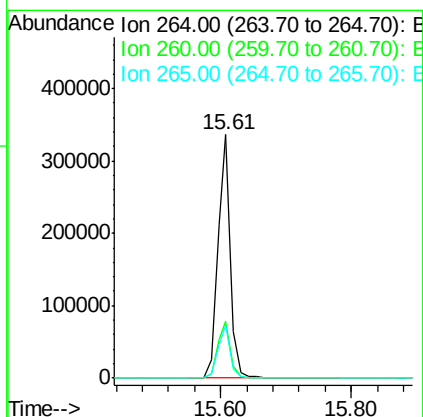
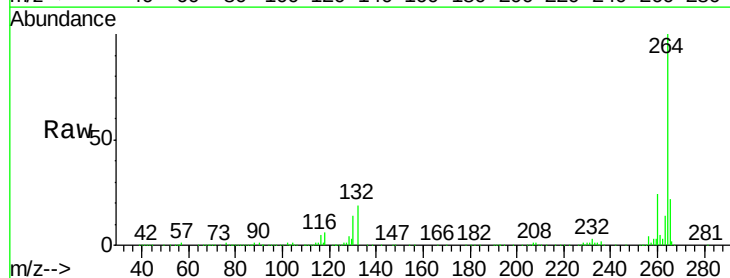
Instrument :
 BNA_F
 ClientSampleId :
 0036DL

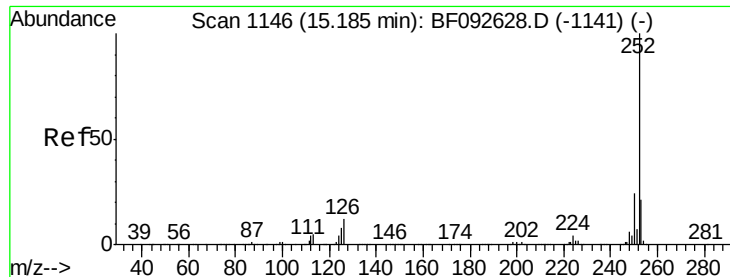
Tgt Ion: 276 Resp: 501171
 Ion Ratio Lower Upper
 276 100
 138 30.1 21.8 32.6
 277 24.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF092636.D
 Acq: 30 Jan 2017 16:22

Tgt Ion: 264 Resp: 451407
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.6 17.4 26.0

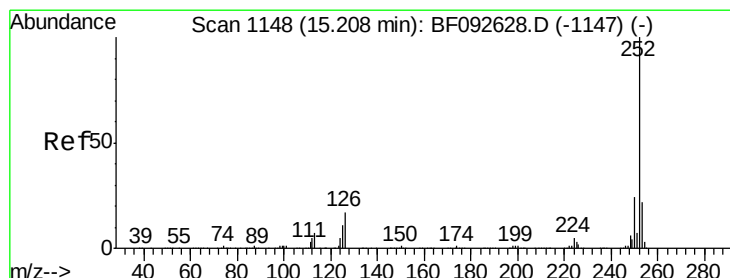
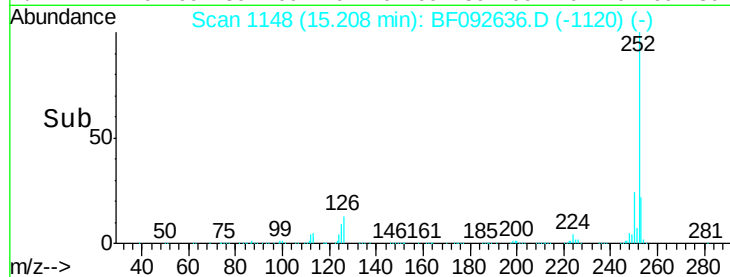
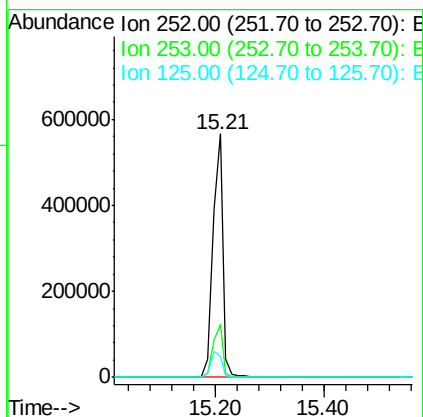
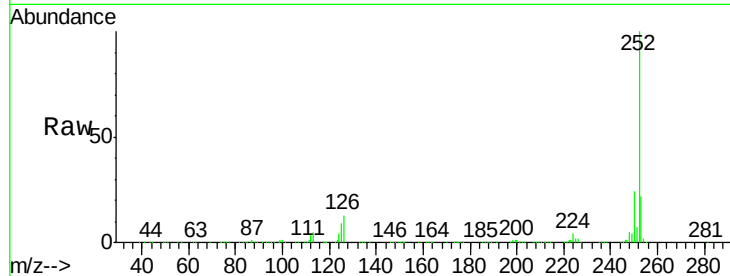




#87
Benzo(b)fluoranthene
Concen: 24.74 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.02 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

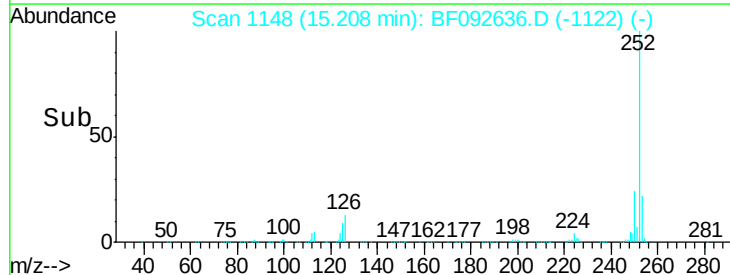
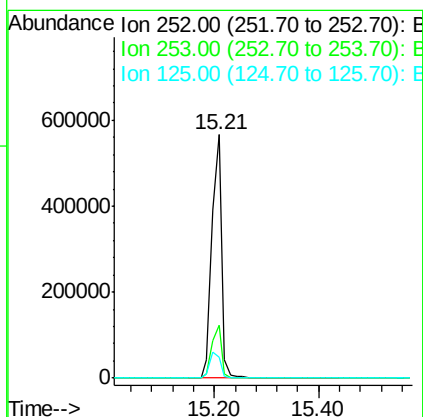
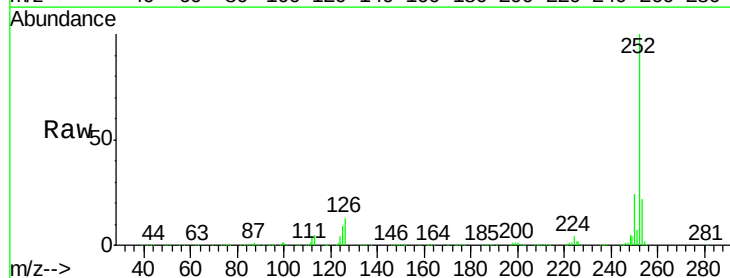
Instrument :
BNA_F
ClientSampleId :
0036DL

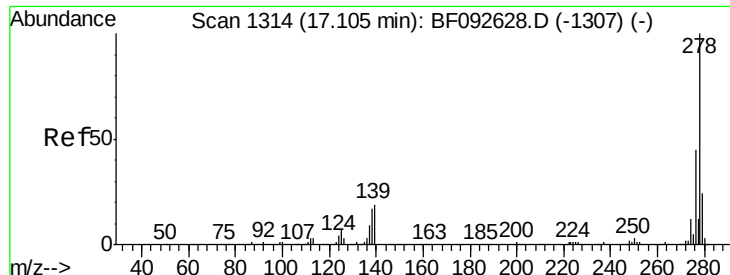
Tgt Ion:252 Resp: 735145
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 8.5 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 28.66 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF092636.D
Acq: 30 Jan 2017 16:22

Tgt Ion:252 Resp: 735154
Ion Ratio Lower Upper
252 100
253 21.5 18.5 27.7
125 8.5 8.9 13.3#





#90

Dibenzo(a,h)anthracene

Concen: 14.03 ng

RT: 17.09 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

Instrument :

BNA_F

ClientSampleId :

0036DL

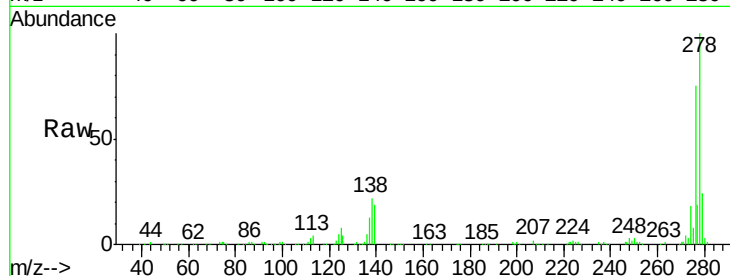
Tgt Ion: 278 Resp: 291359

Ion Ratio Lower Upper

278 100

139 19.4 14.8 22.2

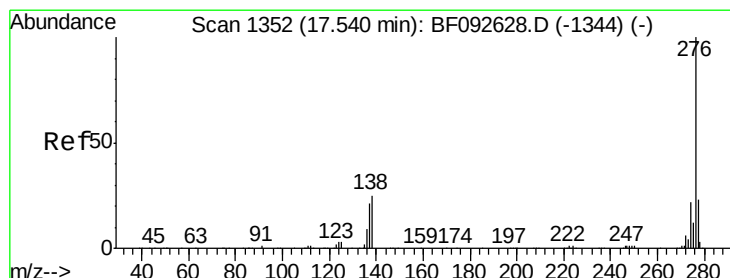
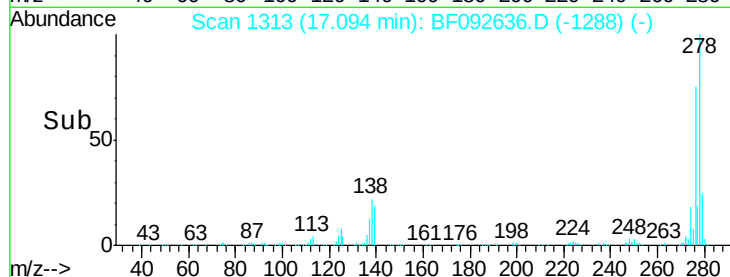
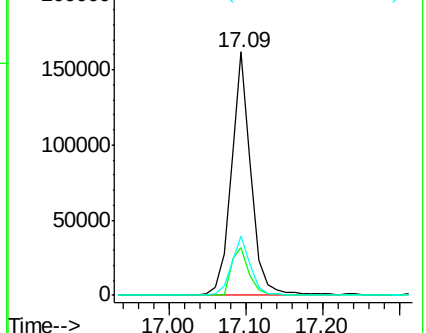
279 24.4 19.8 29.6



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: 28.48 ng

RT: 17.53 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF092636.D

Acq: 30 Jan 2017 16:22

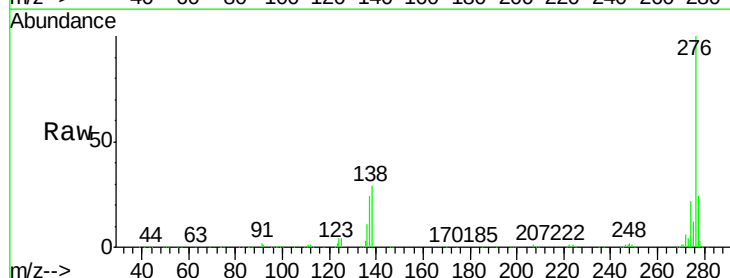
Tgt Ion: 276 Resp: 597526

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 28.7 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

