

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092149.D
 Acq On : 9 Jan 2017 20:35
 Operator : UM/SJ
 Sample : I1057-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3-SP4

Quant Time: Jan 09 22:34:28 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	203725	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	672605	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	295703	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	417875	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	323918	20.00	ng	0.00
86) Perylene-d12	15.16	264	259503	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	1105337	90.59	ng	0.00
7) Phenol-d6	6.30	99	1561051	104.79	ng	-0.01
23) Nitrobenzene-d5	7.20	82	893230	73.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	117024	47.82	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	1167804	80.19	ng	-0.01
78) Terphenyl-d14	12.73	244	833448	62.40	ng	-0.01

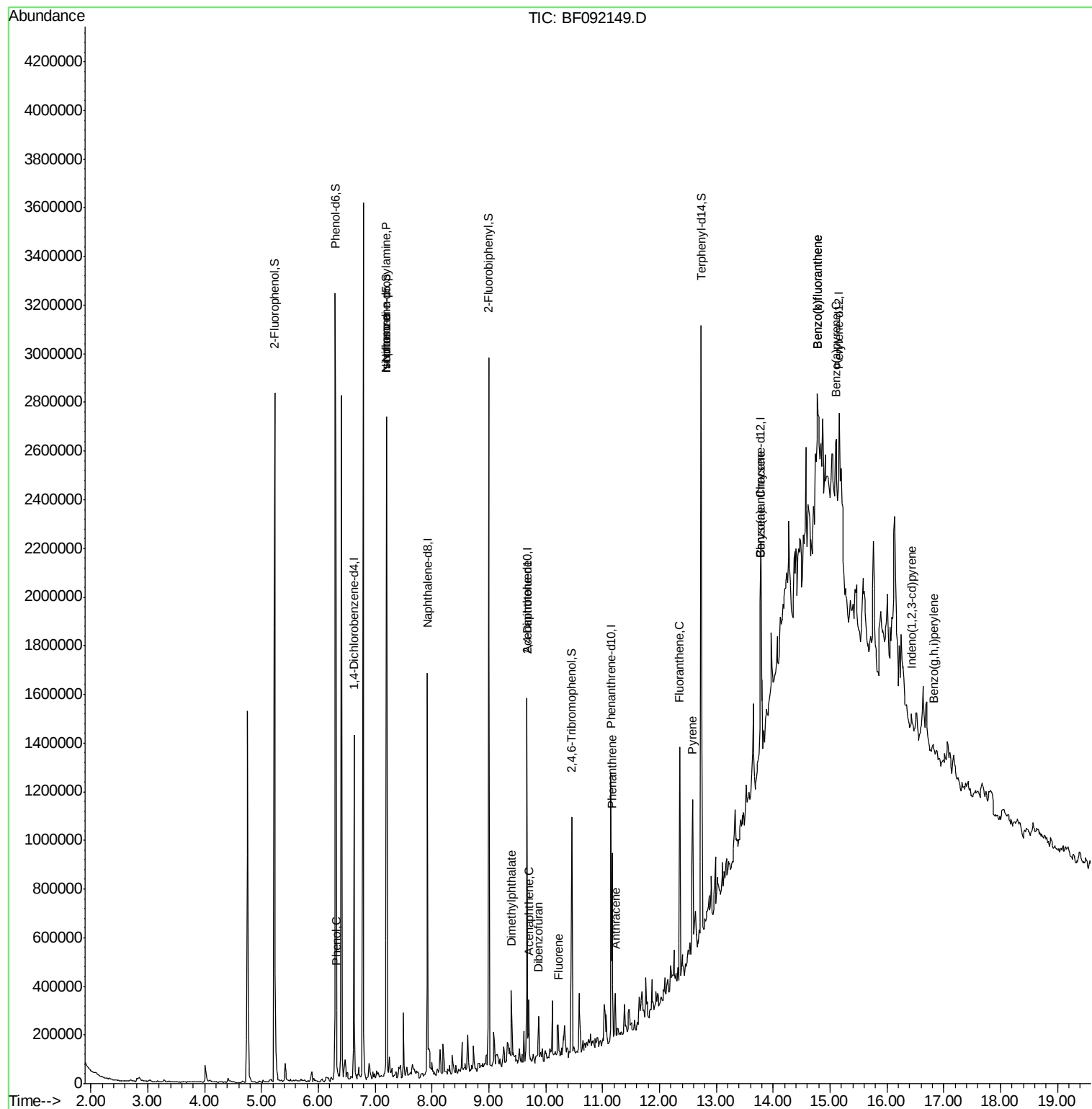
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.32	94	76469	4.50	ng	# 62
19) n-Nitroso-di-n-propylamine	7.20	70	119270	12.04	ng	# 77
25) Isophorone	7.20	82	754597	33.81	ng	# 65
49) Dimethylphthalate	9.40	163	107768	5.70	ng	# 98
51) Acenaphthene	9.70	154	60794	3.64	ng	96
54) Dibenzofuran	9.88	168	52753	2.34	ng	93
56) 2,4-Dinitrotoluene	9.67	165	43077	8.29	ng	# 20
57) Fluorene	10.22	166	53907	3.28	ng	99
70) Phenanthrene	11.17	178	302043	13.33	ng	98
71) Anthracene	11.22	178	77998	2.44	ng	97
73) Di-n-butylphthalate	11.73	149	6231	Below Cal	#	70
74) Fluoranthene	12.36	202	371072	16.22	ng	96
76) Benzydine	12.52	184	1596	Below Cal	#	1
77) Pyrene	12.59	202	330258	13.90	ng	99
80) Benzo(a)anthracene	13.77	228	128566	7.03	ng	# 93
82) Chrysene	13.77	228	128566	7.01	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.44	276	36986	2.33	ng	# 93
87) Benzo(b)fluoranthene	14.78	252	177018	10.96	ng	# 65
88) Benzo(k)fluoranthene	14.78	252	176572	12.82	ng	# 65
89) Benzo(a)pyrene	15.10	252	86940	6.06	ng	# 59
91) Benzo(g,h,i)perylene	16.83	276	41177	3.36	ng	# 67

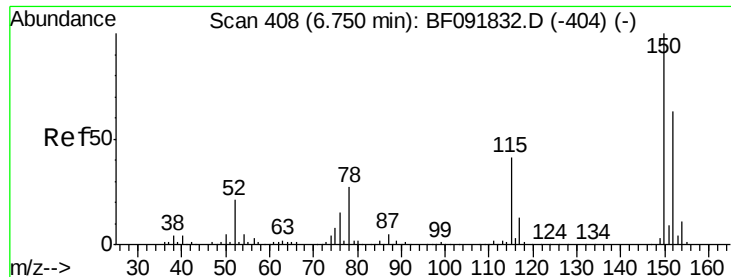
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092149.D
Acq On : 9 Jan 2017 20:35
Operator : UM/SJ
Sample : I1057-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3-SP4

Quant Time: Jan 09 22:34:28 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

P3-SP4

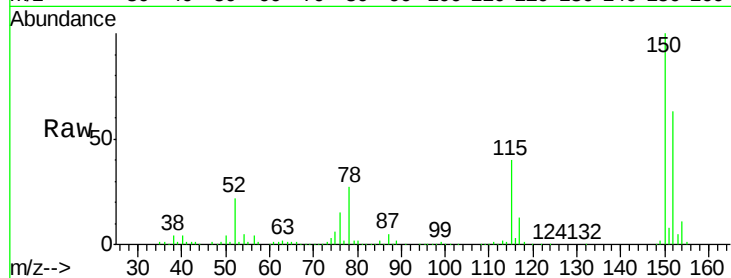
Tgt Ion:152 Resp: 203725

Ion Ratio Lower Upper

152 100

150 158.1 124.9 187.3

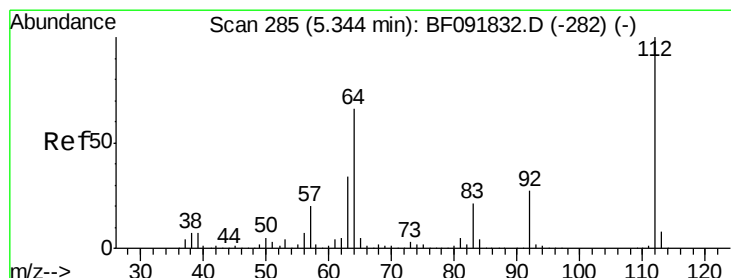
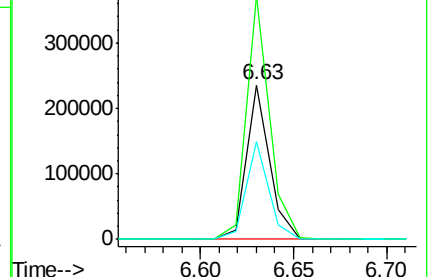
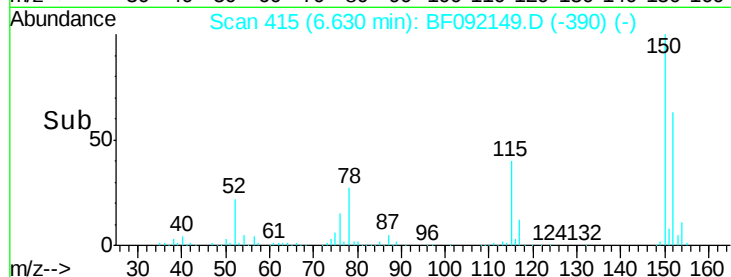
115 63.3 46.0 69.0



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



#5

2-Fluorophenol

Concen: 90.59 ng

RT: 5.24 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

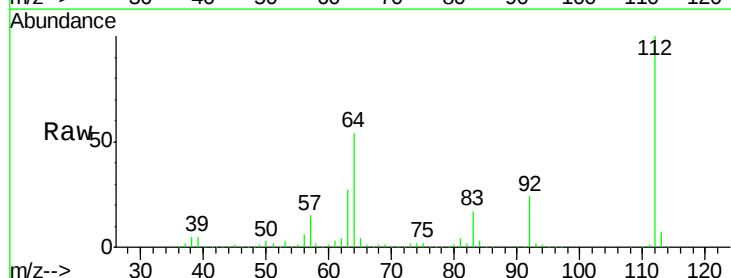
Tgt Ion:112 Resp: 1105337

Ion Ratio Lower Upper

112 100

64 54.4 46.1 69.1

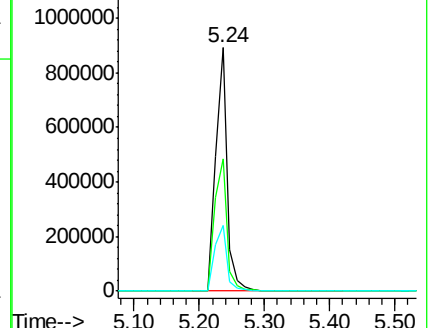
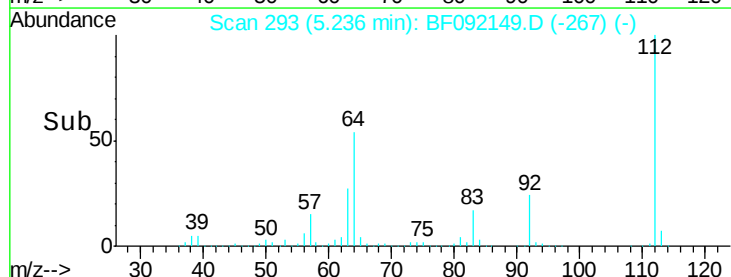
63 26.8 23.8 35.6



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





#7

Phenol-d6

Concen: 104.79 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

P3-SP4

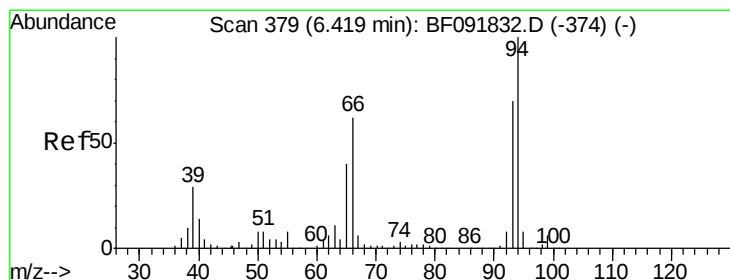
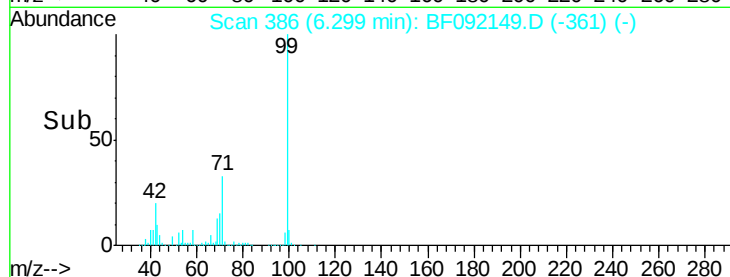
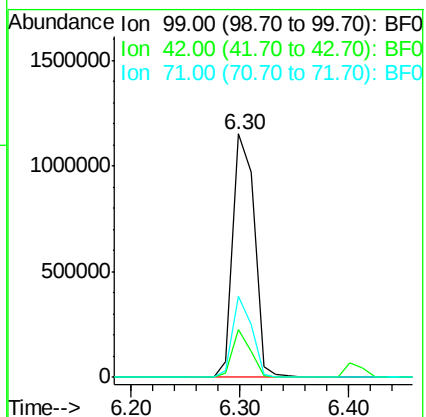
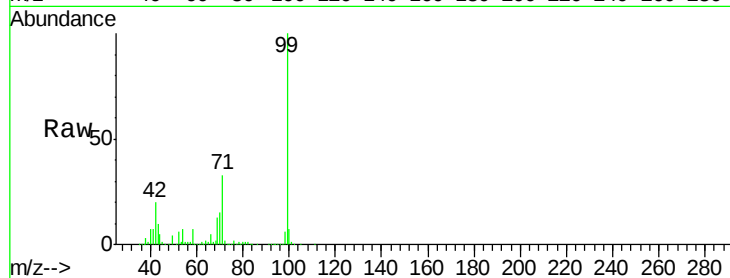
Tgt Ion: 99 Resp: 1561051

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

71 33.4 27.5 41.3



#10

Phenol

Concen: 4.50 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

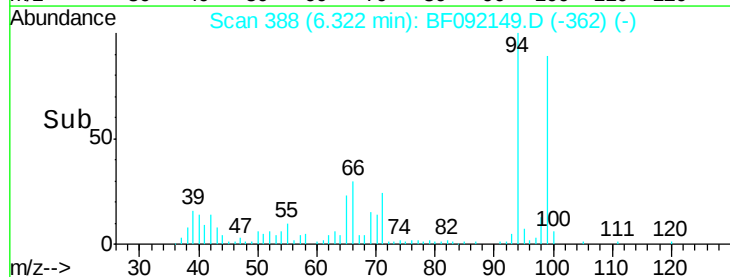
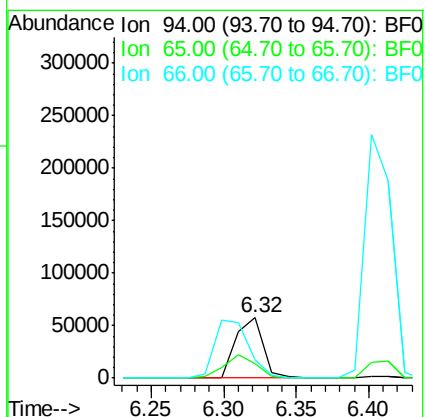
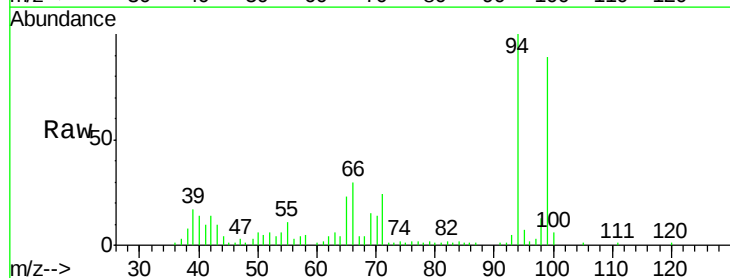
Tgt Ion: 94 Resp: 76469

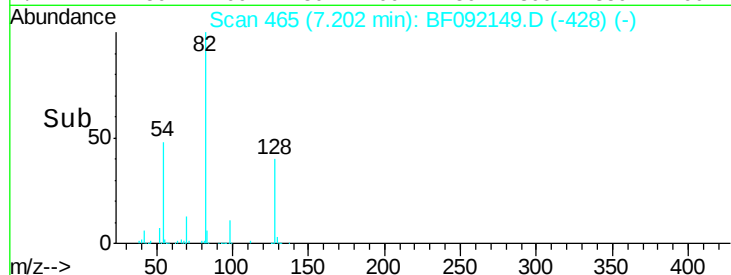
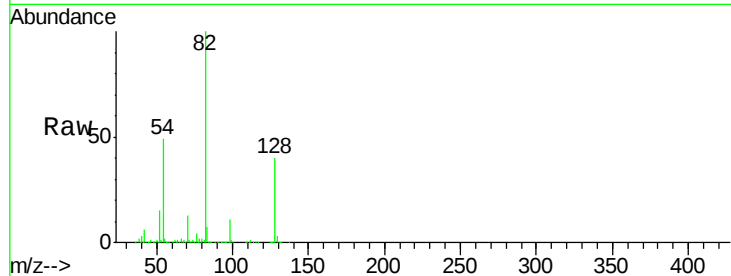
Ion Ratio Lower Upper

94 100

65 23.0 21.4 61.4

66 30.5 44.0 84.0#

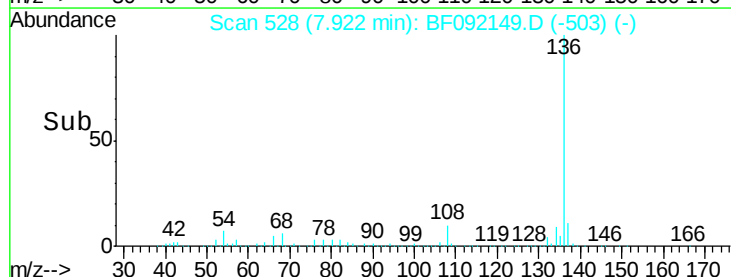
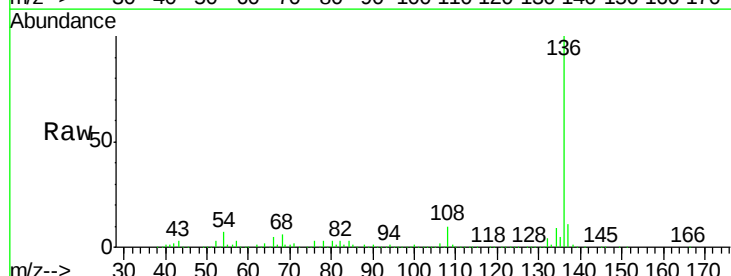
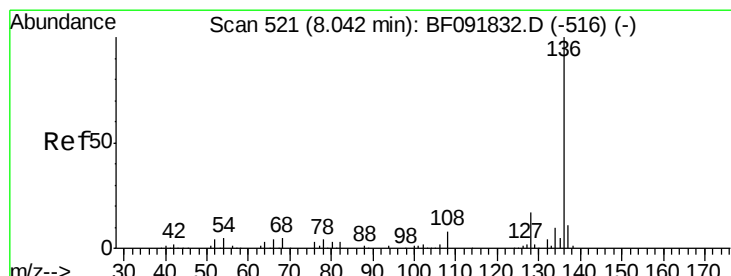
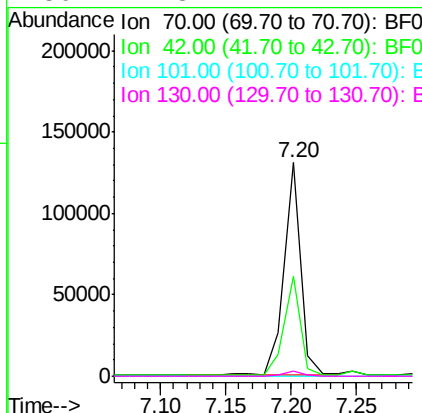




#19
n-Nitroso-di-n-propylamine
Concen: 12.04 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

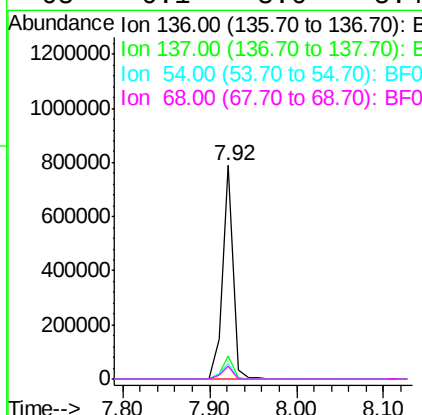
Instrument :
BNA_F
ClientSampleId :
P3-SP4

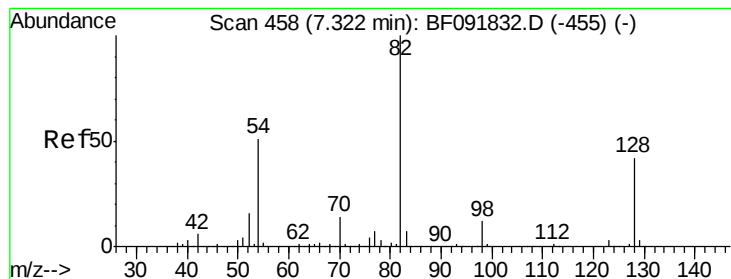
Tgt Ion:	70	Resp:	119270
Ion	Ratio	Lower	Upper
70	100		
42	47.0	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Tgt Ion:	136	Resp:	672605
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.1	4.5	6.7#
68	6.1	3.6	5.4#





#23

Nitrobenzene-d5

Concen: 73.85 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

P3-SP4

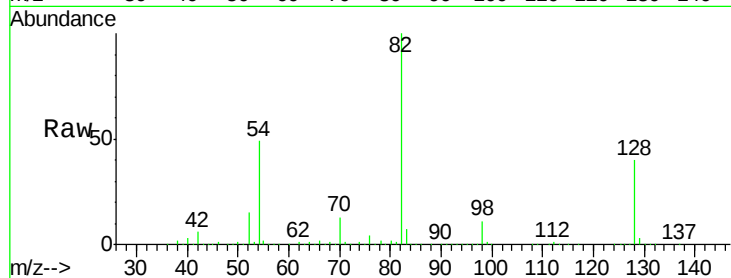
Tgt Ion: 82 Resp: 893230

Ion Ratio Lower Upper

82 100

128 40.0 34.6 52.0

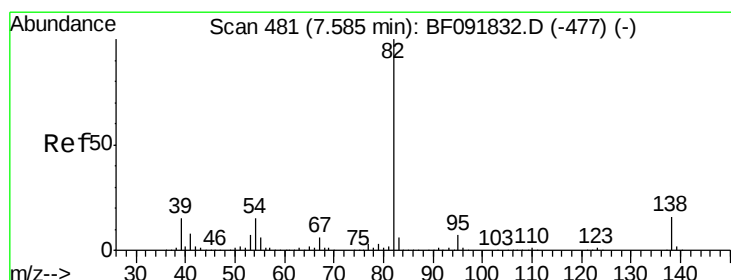
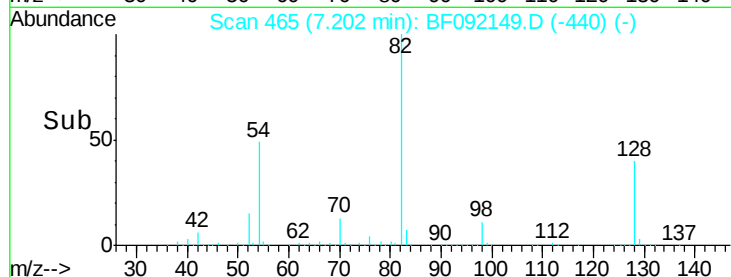
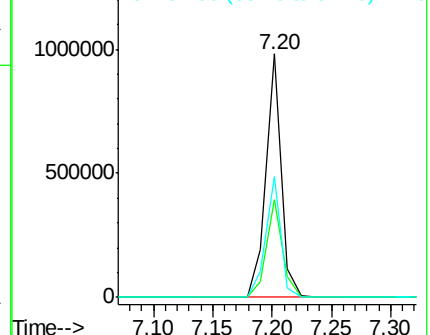
54 49.5 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 33.81 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.27 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

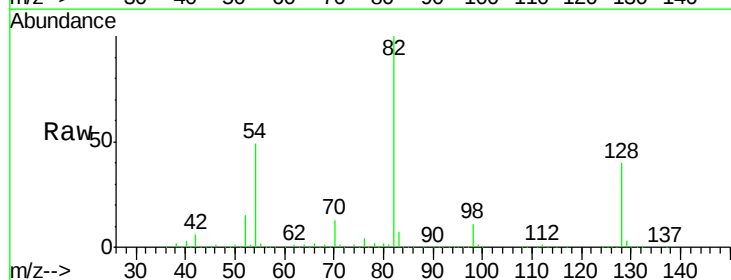
Tgt Ion: 82 Resp: 754597

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

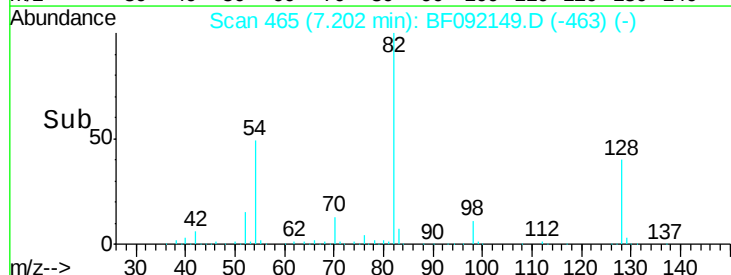
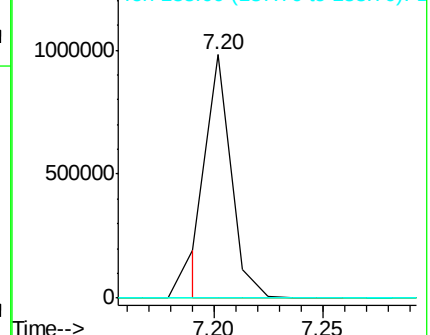
138 0.0 14.6 22.0#

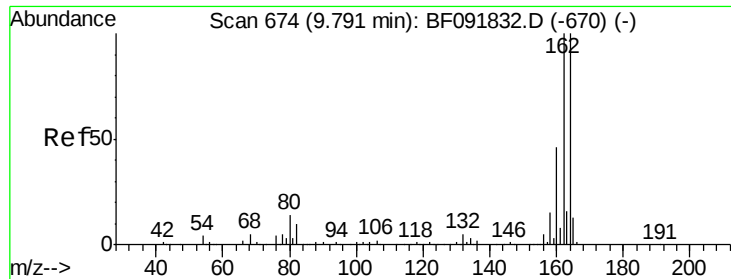


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

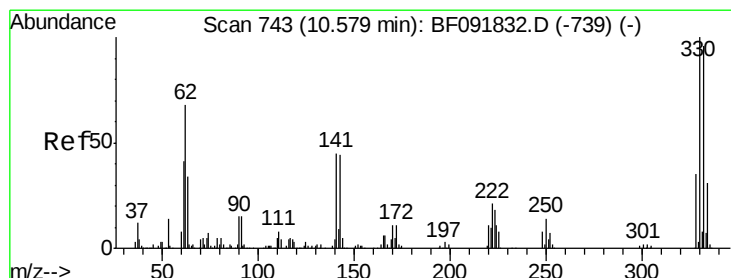
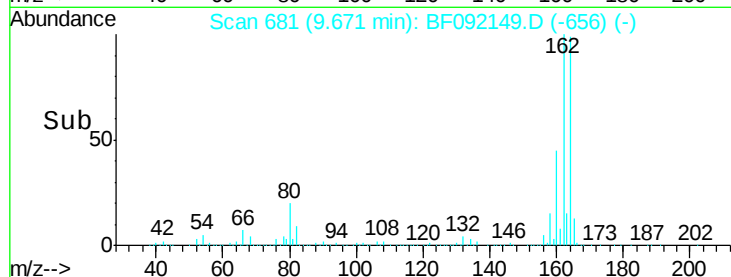
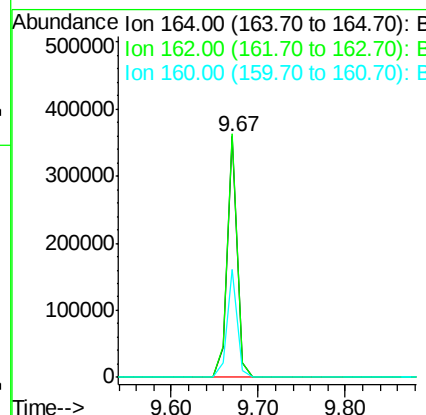
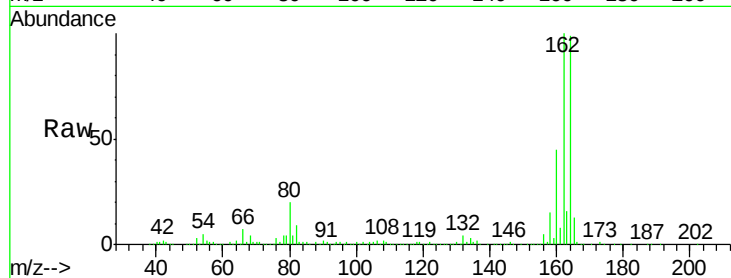




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF092149.D
 Acq: 9 Jan 2017 20:35

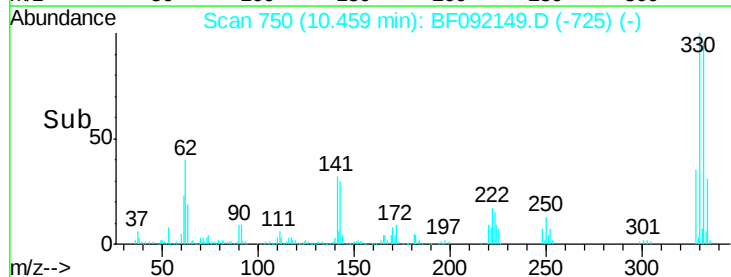
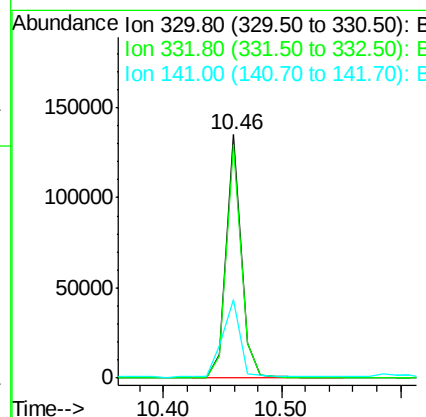
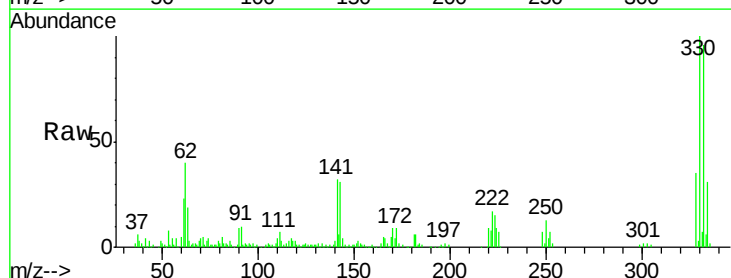
Instrument :
 BNA_F
 ClientSampleID :
 P3-SP4

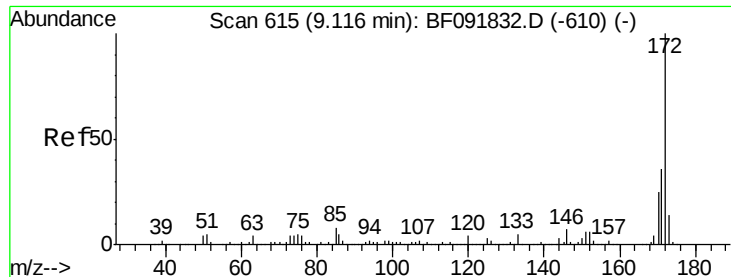
Tgt Ion:164 Resp: 295703
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.2 120.2
 160 45.1 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 47.82 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092149.D
 Acq: 9 Jan 2017 20:35

Tgt Ion:330 Resp: 117024
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 38.9 34.1 51.1

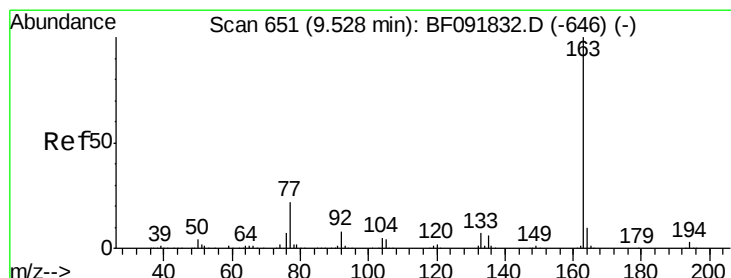
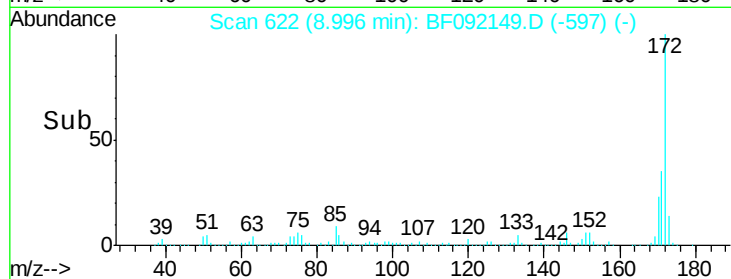
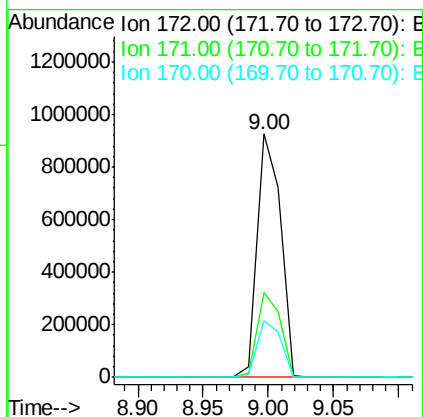
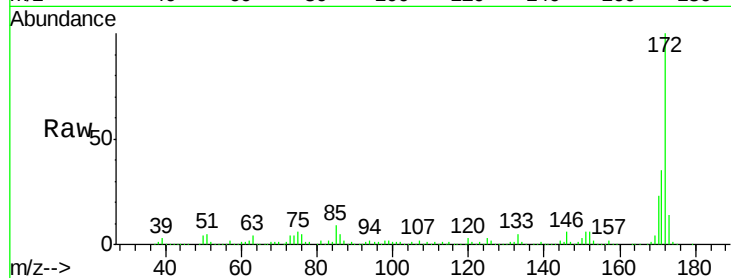




#44
 2-Fluorobiphenyl
 Concen: 80.19 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092149.D
 Acq: 9 Jan 2017 20:35

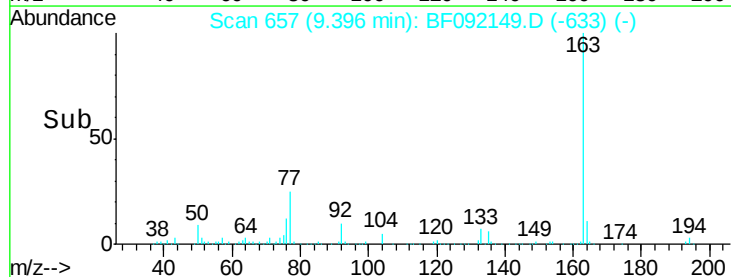
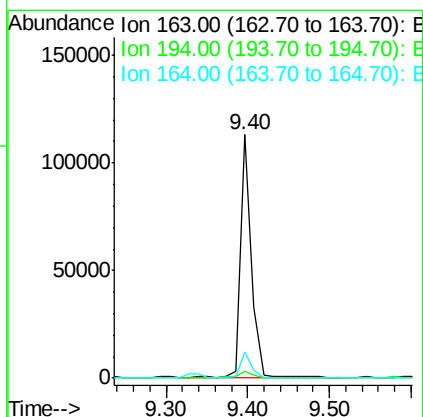
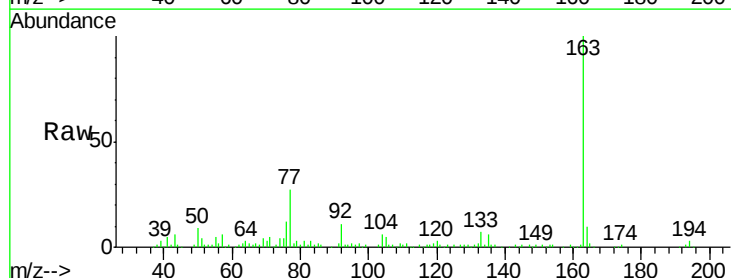
Instrument :
 BNA_F
 ClientSampleId :
 P3-SP4

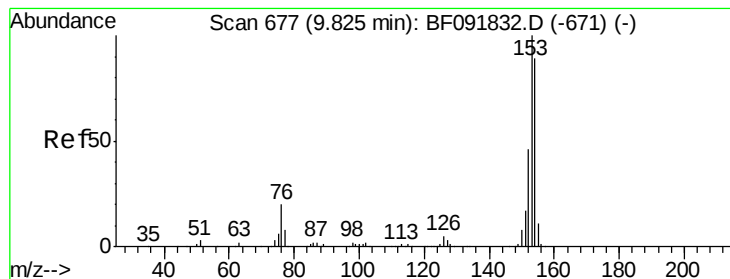
Tgt Ion:172 Resp: 1167804
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.4 44.0
 170 23.3 20.2 30.4



#49
 Dimethylphthalate
 Concen: 5.70 ng
 RT: 9.40 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF092149.D
 Acq: 9 Jan 2017 20:35

Tgt Ion:163 Resp: 107768
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.4#
 164 10.5 8.0 12.0





#51

Acenaphthene

Concen: 3.64 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

P3-SP4

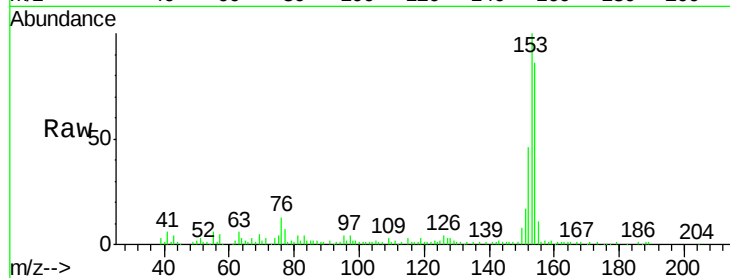
Tgt Ion:154 Resp: 60794

Ion Ratio Lower Upper

154 100

153 116.3 88.6 133.0

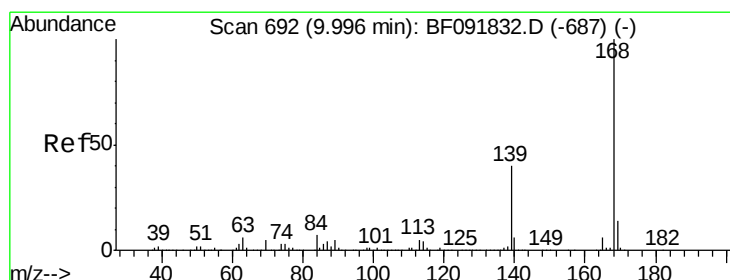
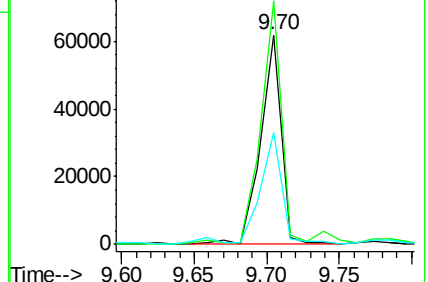
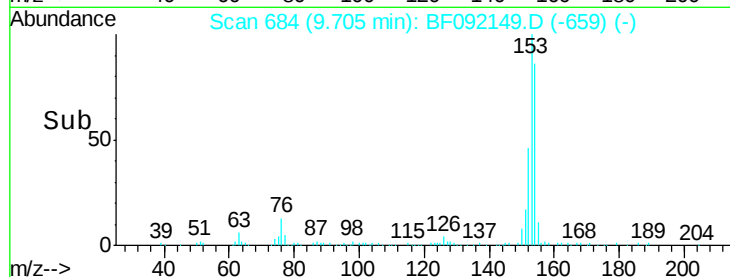
152 53.3 41.6 62.4



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



#54

Dibenzofuran

Concen: 2.34 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

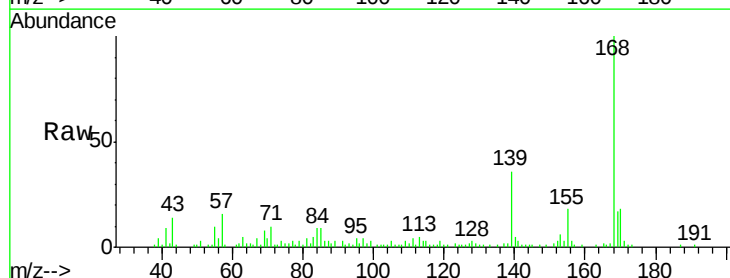
Tgt Ion:168 Resp: 52753

Ion Ratio Lower Upper

168 100

139 36.0 32.6 49.0

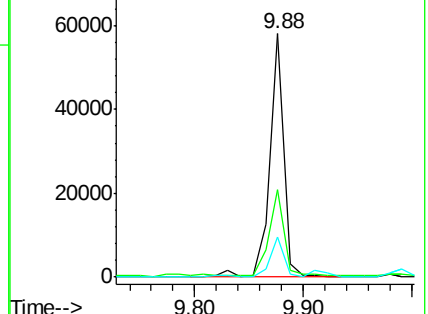
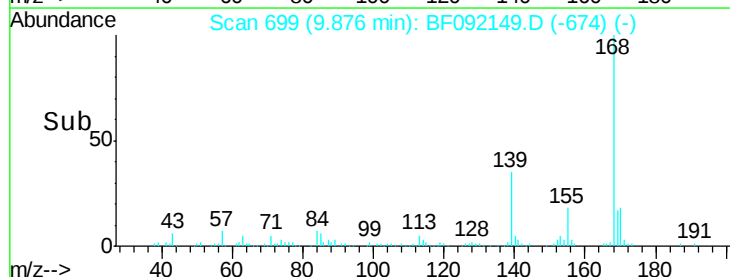
169 16.7 11.3 16.9

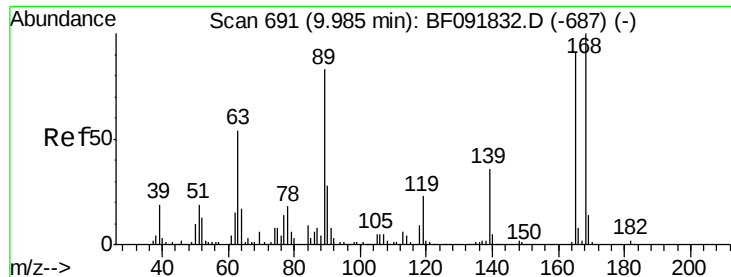


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

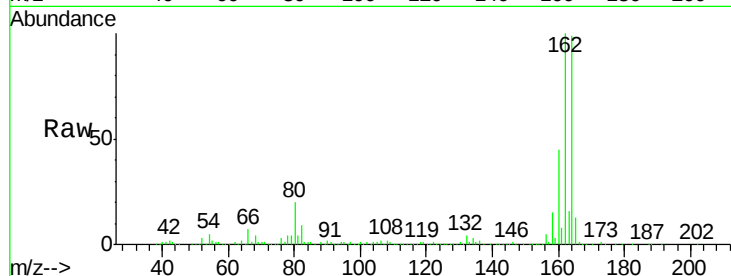




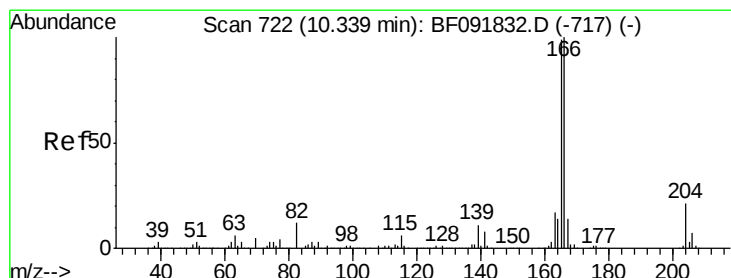
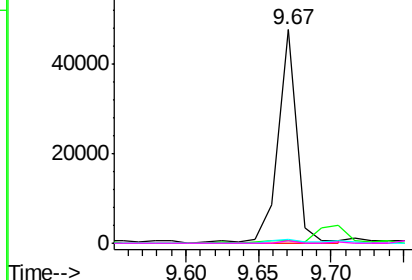
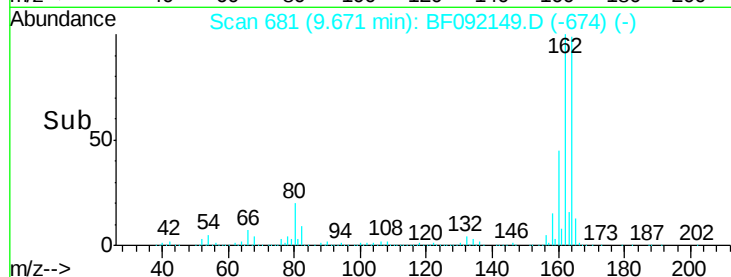
#56
2,4-Dinitrotoluene
Concen: 8.29 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.22 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Instrument :
BNA_F
ClientSampleId :
P3-SP4

Tgt Ion:165 Resp: 43077
Ion Ratio Lower Upper
165 100
63 1.2 40.2 60.4#
89 1.6 62.5 93.7#
182 1.4 1.8 2.8#

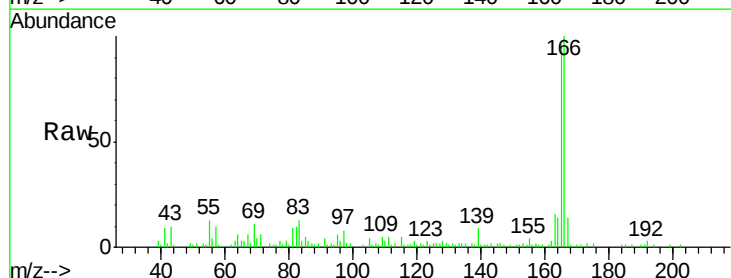


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

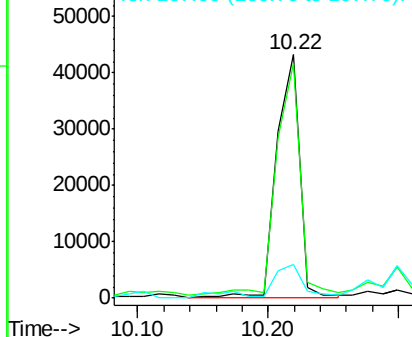
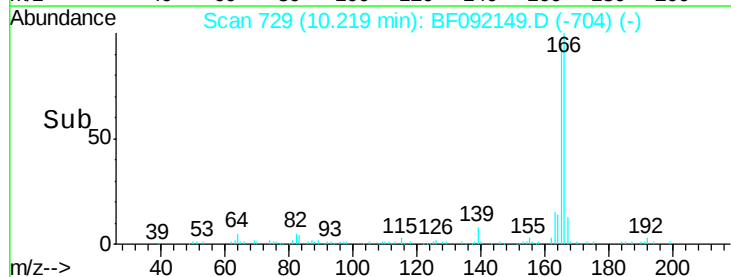


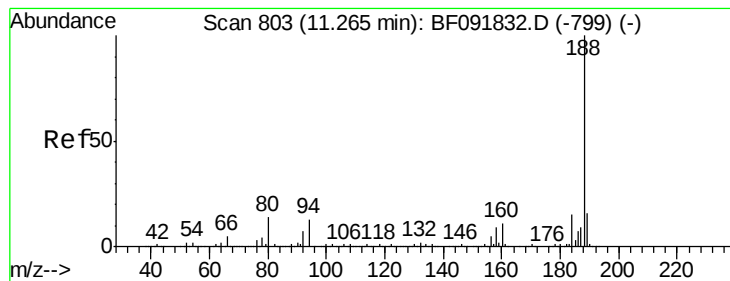
#57
Fluorene
Concen: 3.28 ng
RT: 10.22 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Tgt Ion:166 Resp: 53907
Ion Ratio Lower Upper
166 100
165 96.4 77.8 116.8
167 13.6 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

P3-SP4

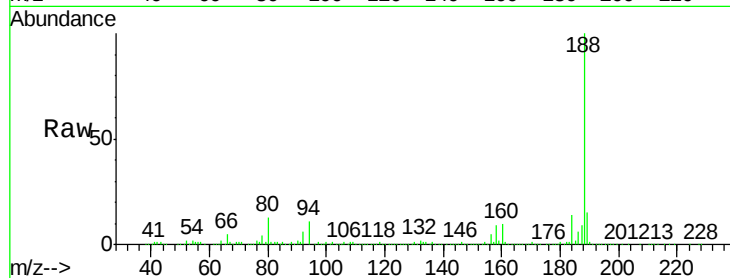
Tgt Ion:188 Resp: 417875

Ion Ratio Lower Upper

188 100

94 10.7 10.0 15.0

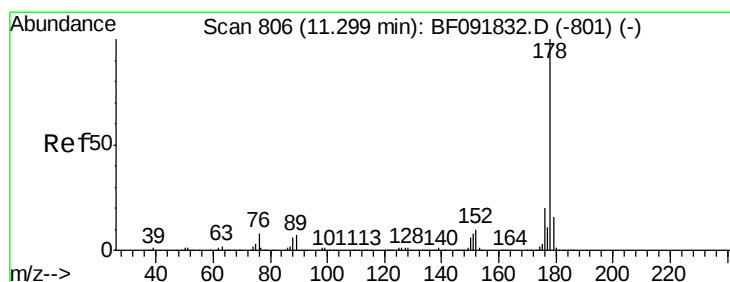
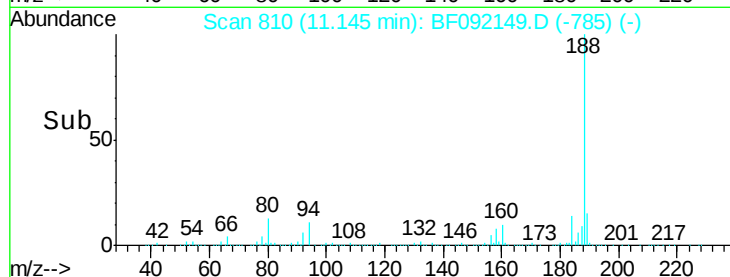
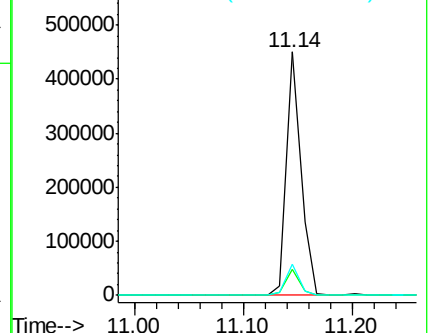
80 12.9 11.2 16.8



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



#70

Phenanthrene

Concen: 13.33 ng

RT: 11.17 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

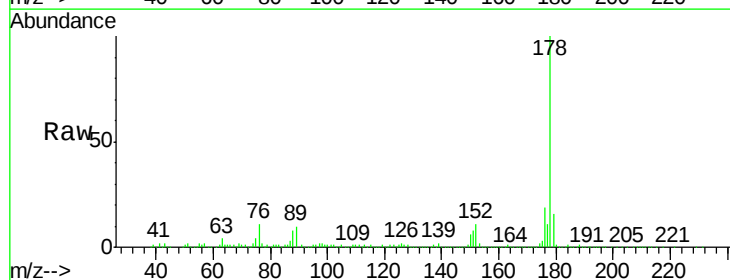
Tgt Ion:178 Resp: 302043

Ion Ratio Lower Upper

178 100

176 19.4 16.6 25.0

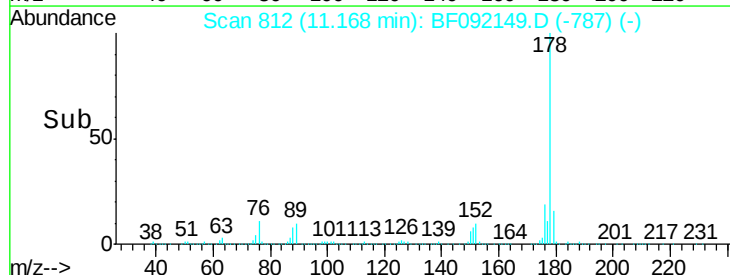
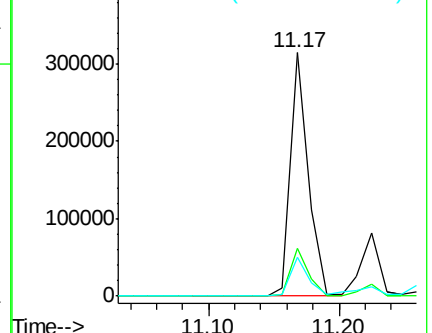
179 15.9 12.8 19.2

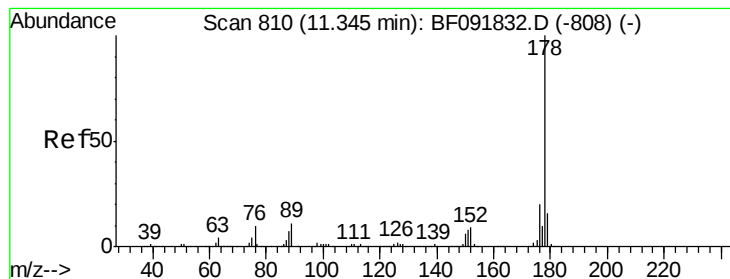


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 2.44 ng

RT: 11.22 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

P3-SP4

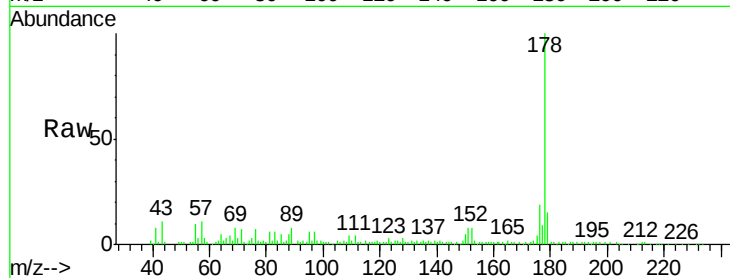
Tgt Ion:178 Resp: 77998

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

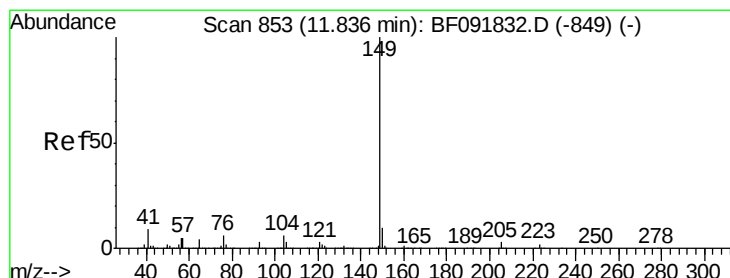
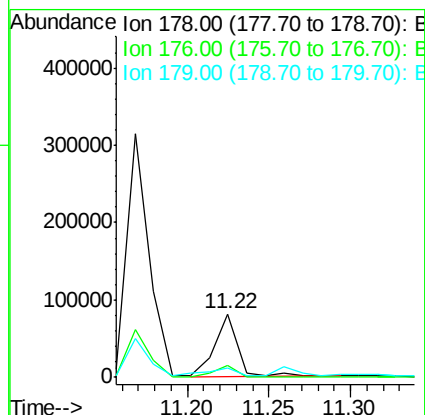
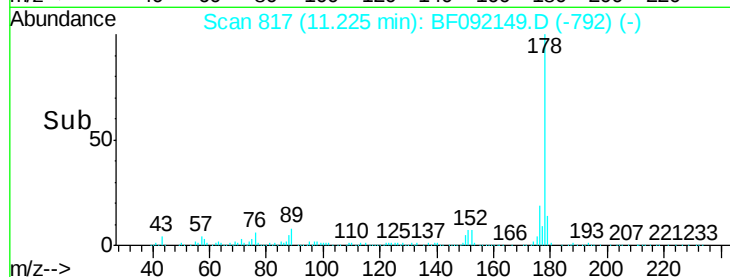
179 14.9 13.2 19.8



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: Below Cal

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

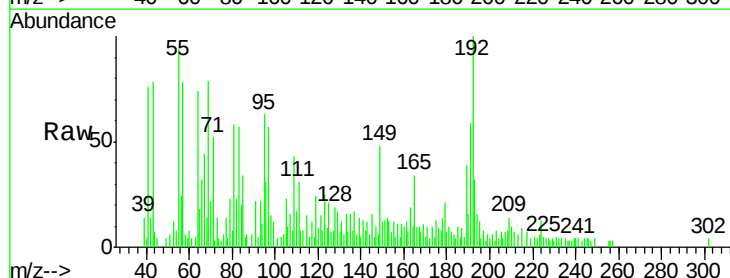
Tgt Ion:149 Resp: 6231

Ion Ratio Lower Upper

149 100

150 23.9 8.1 12.1#

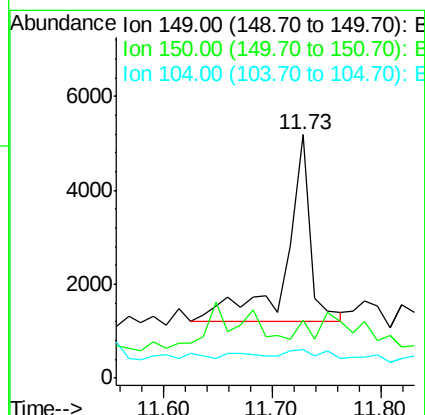
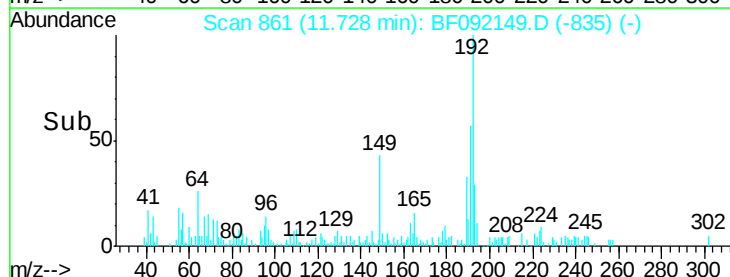
104 12.0 4.6 7.0#

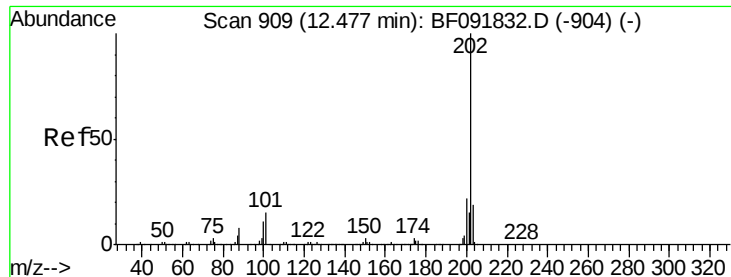


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 16.22 ng

RT: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

P3-SP4

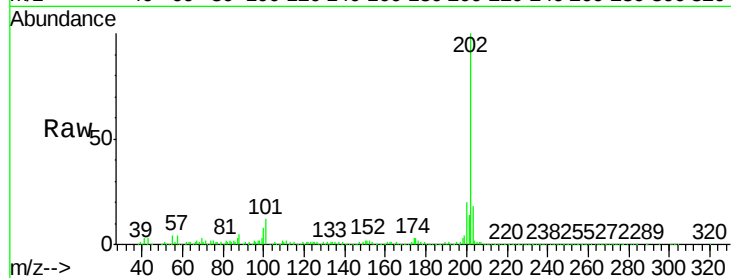
Tgt Ion:202 Resp: 371072

Ion Ratio Lower Upper

202 100

101 11.7 0.0 34.6

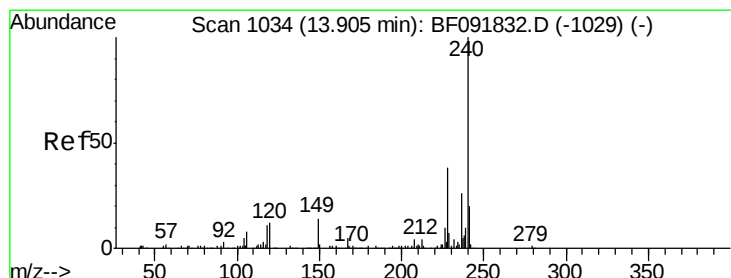
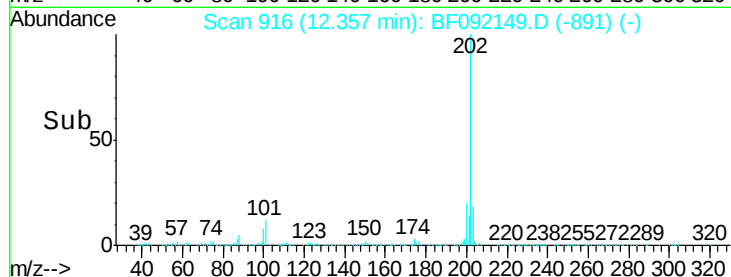
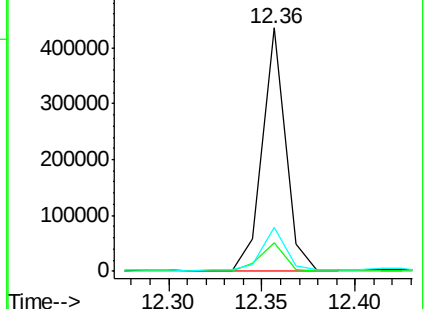
203 17.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

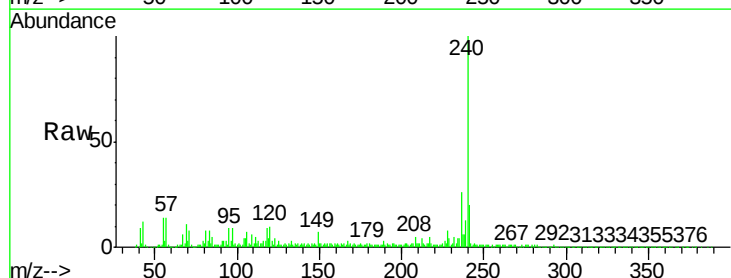
Tgt Ion:240 Resp: 323918

Ion Ratio Lower Upper

240 100

120 10.2 12.9 19.3#

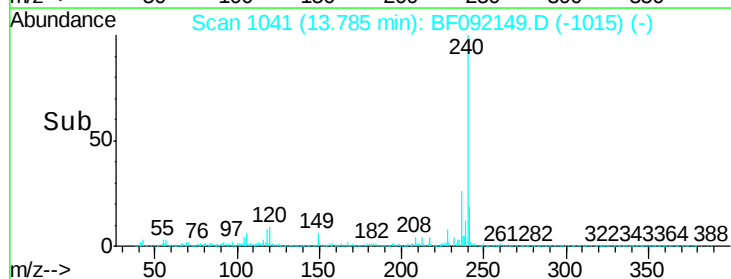
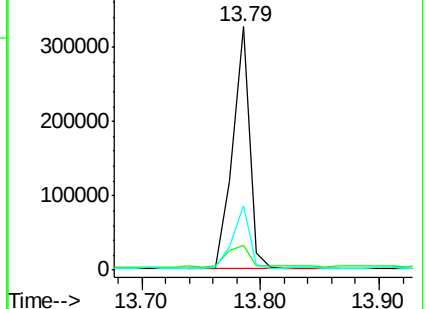
236 26.4 20.9 31.3

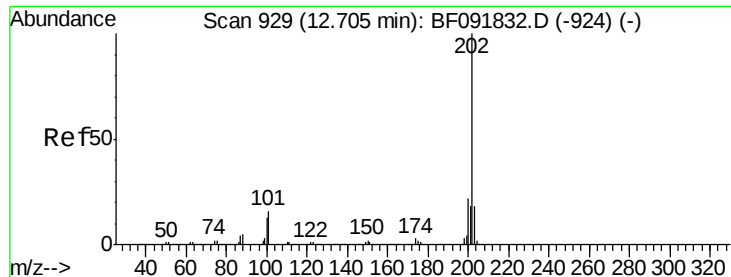


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

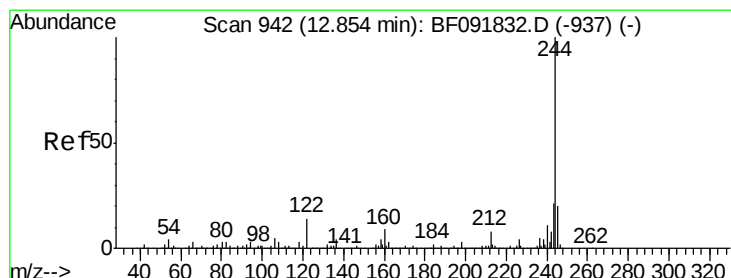
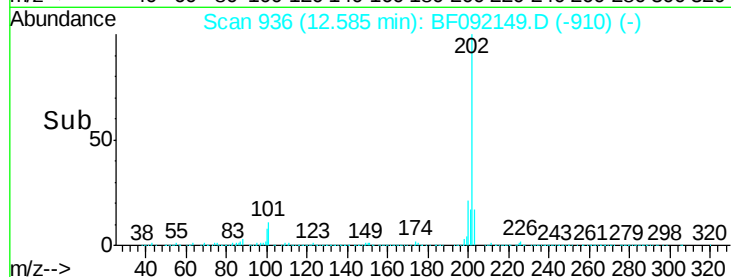
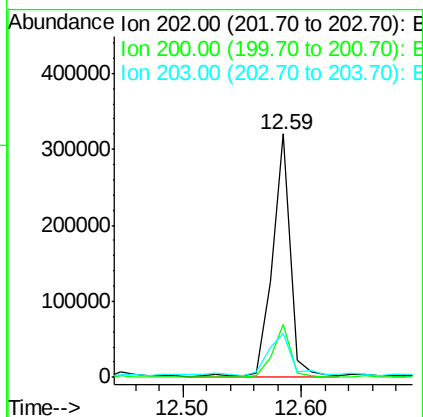
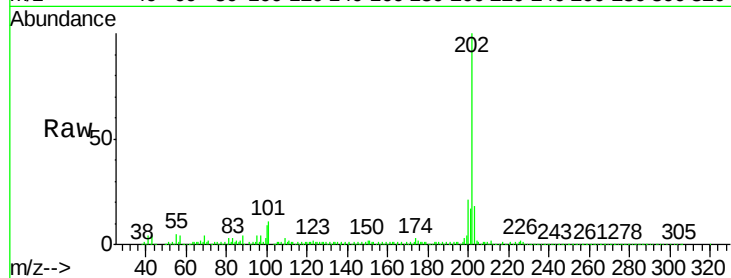




#77
Pyrene
Concen: 13.90 ng
RT: 12.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

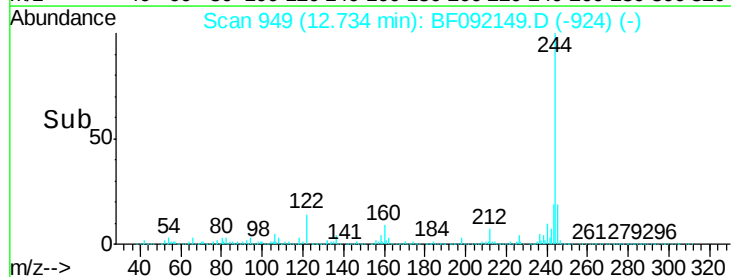
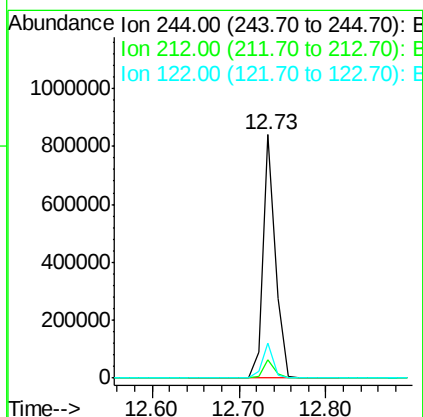
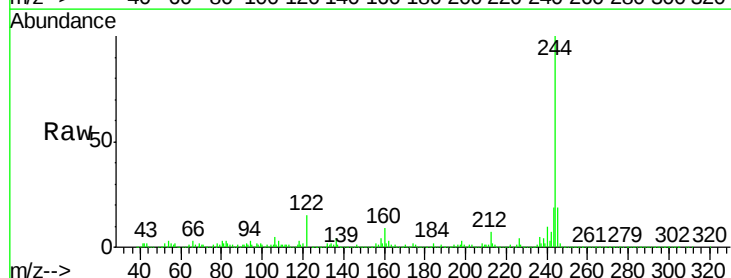
Instrument :
BNA_F
ClientSampleId :
P3-SP4

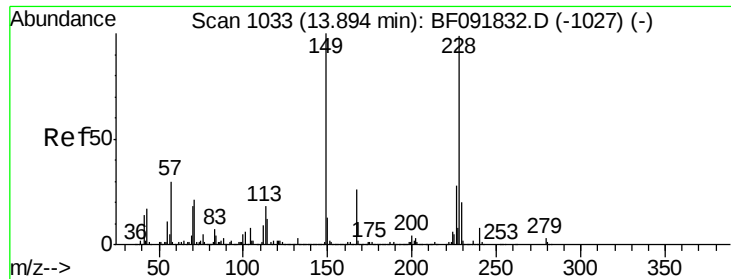
Tgt Ion:202 Resp: 330258
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 18.1 14.7 22.1



#78
Terphenyl-d14
Concen: 62.40 ng
RT: 12.73 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Tgt Ion:244 Resp: 833448
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.2
122 14.5 11.4 17.2

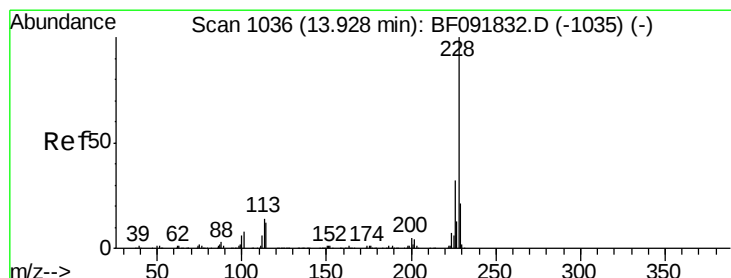
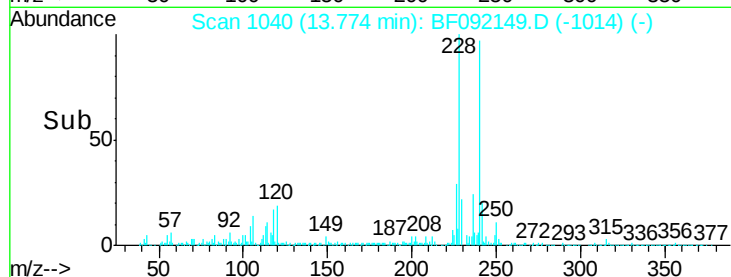
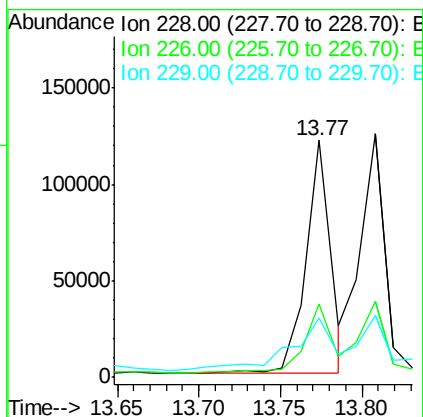
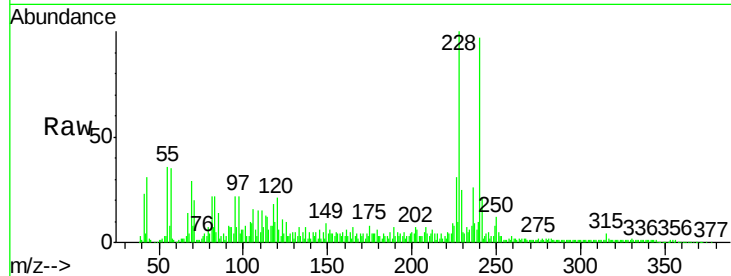




#80
Benzo(a)anthracene
Concen: 7.03 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

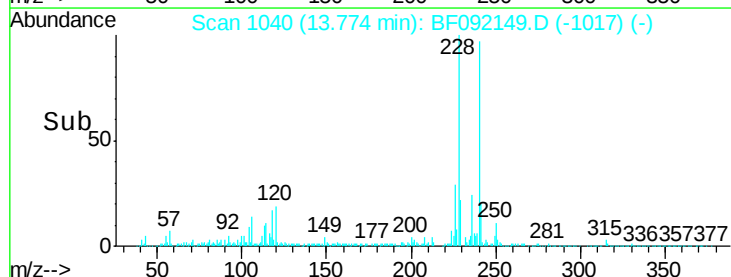
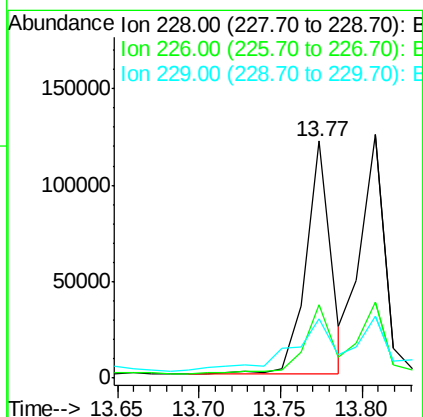
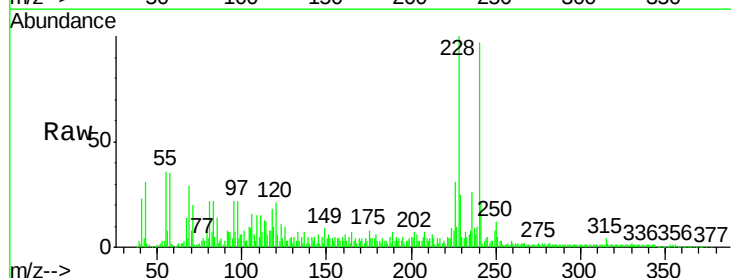
Instrument :
BNA_F
ClientSampleId :
P3-SP4

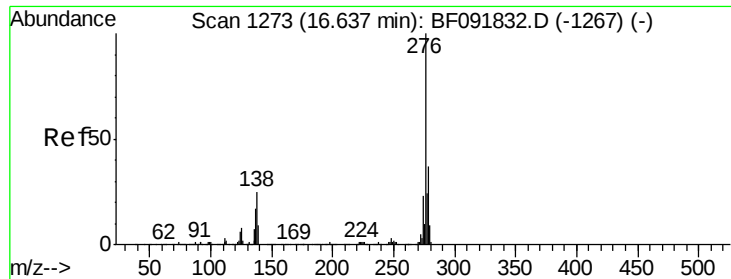
Tgt Ion:228 Resp: 128566
Ion Ratio Lower Upper
228 100
226 30.9 22.4 33.6
229 24.9 16.2 24.4#



#82
Chrysene
Concen: 7.01 ng
RT: 13.77 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF092149.D
Acq: 9 Jan 2017 20:35

Tgt Ion:228 Resp: 128566
Ion Ratio Lower Upper
228 100
226 30.9 25.4 38.0
229 24.9 16.2 24.2#

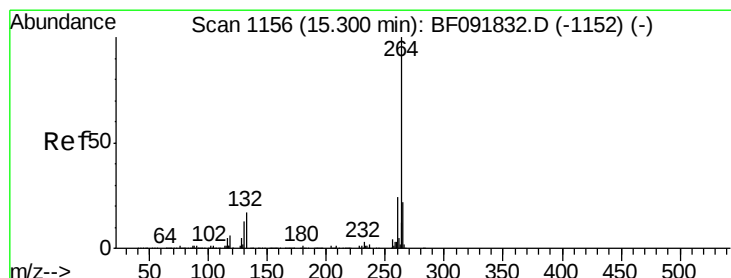
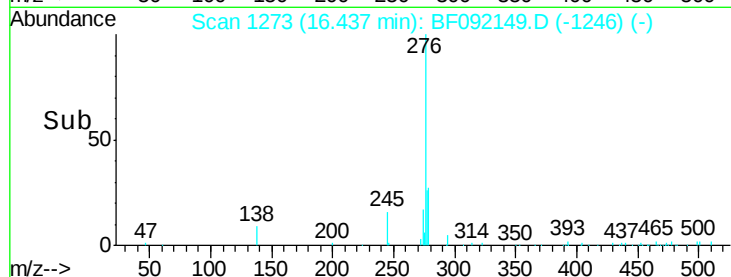
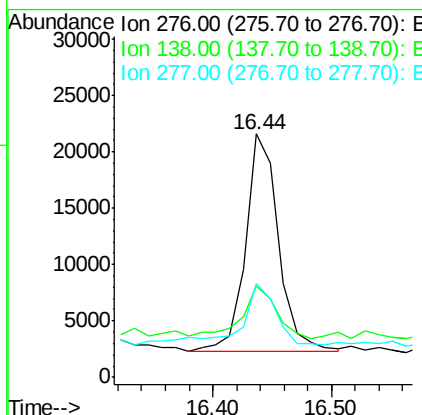
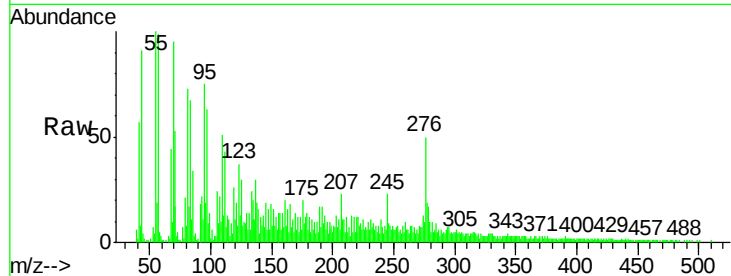




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.33 ng
 RT: 16.44 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF092149.D
 Acq: 9 Jan 2017 20:35

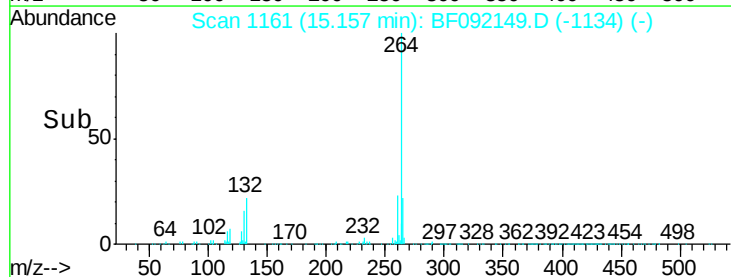
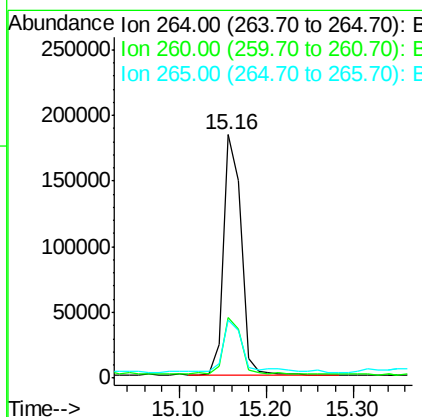
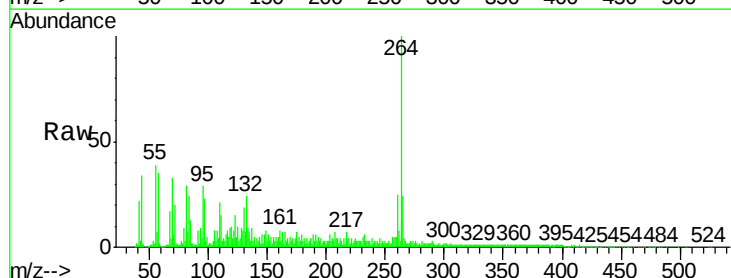
Instrument :
 BNA_F
 ClientSampleId :
 P3-SP4

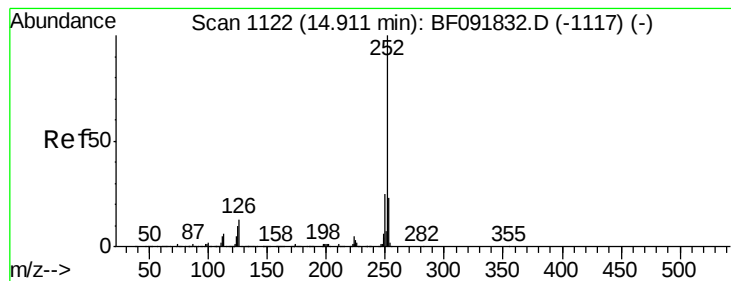
Tgt Ion: 276 Resp: 36986
 Ion Ratio Lower Upper
 276 100
 138 26.8 21.8 32.6
 277 31.9 20.2 30.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF092149.D
 Acq: 9 Jan 2017 20:35

Tgt Ion: 264 Resp: 259503
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 23.8 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 10.96 ng

RT: 14.78 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

P3-SP4

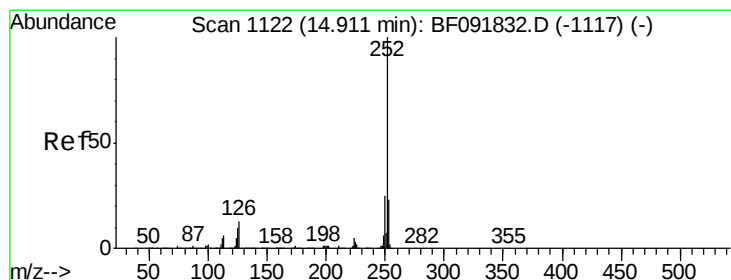
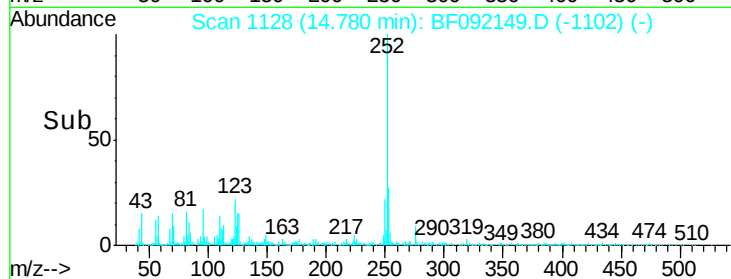
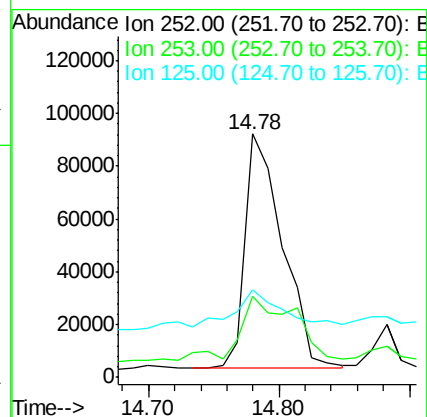
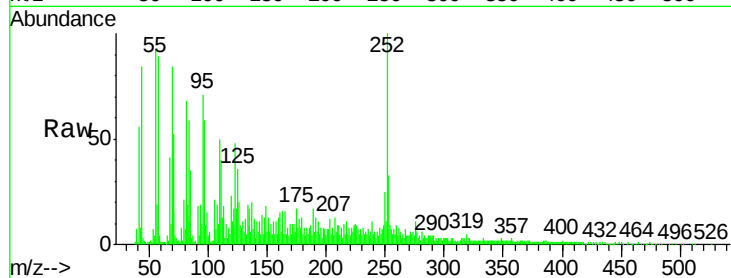
Tgt Ion:252 Resp: 177018

Ion Ratio Lower Upper

252 100

253 33.1 18.2 27.4#

125 35.8 9.8 14.6#



#88

Benzo(k)fluoranthene

Concen: 12.82 ng

RT: 14.78 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

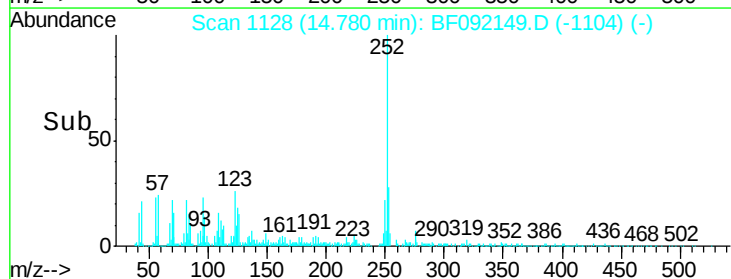
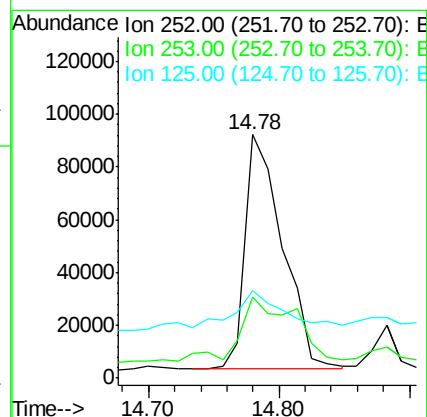
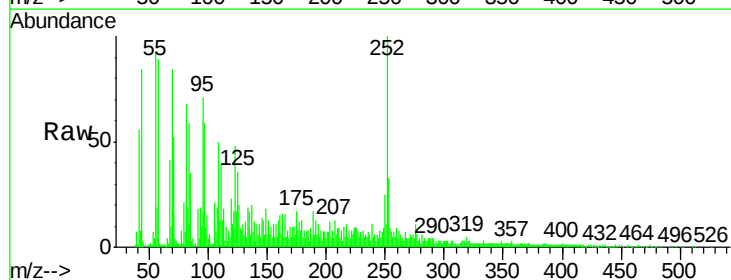
Tgt Ion:252 Resp: 176572

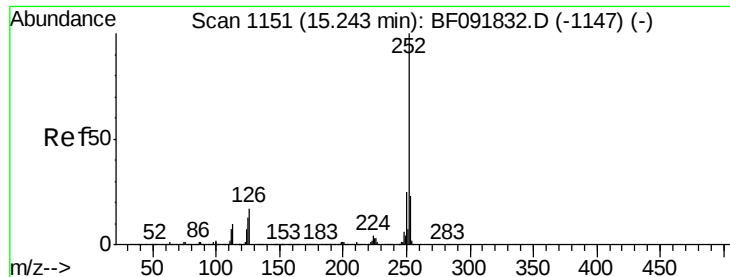
Ion Ratio Lower Upper

252 100

253 33.1 18.5 27.7#

125 35.8 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 6.06 ng

RT: 15.10 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

Instrument :

BNA_F

ClientSampleId :

P3-SP4

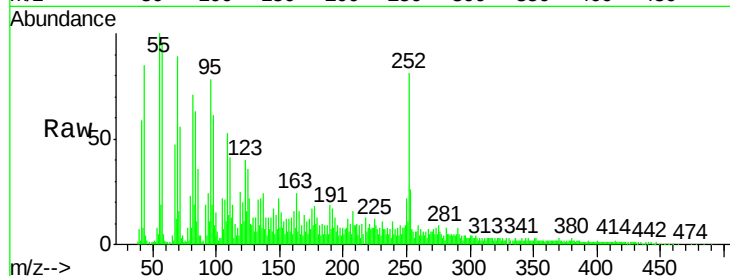
Tgt Ion:252 Resp: 86940

Ion Ratio Lower Upper

252 100

253 31.8 18.2 27.2#

125 44.4 10.0 15.0#

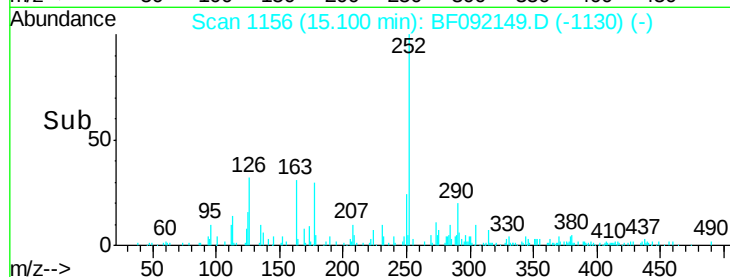


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



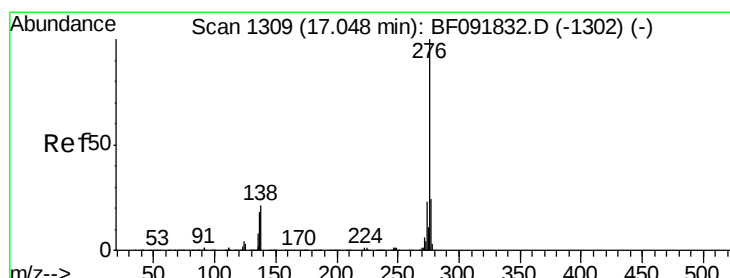
Abundance

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

Time-->



#91

Benzo(g,h,i)perylene

Concen: 3.36 ng

RT: 16.83 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BF092149.D

Acq: 9 Jan 2017 20:35

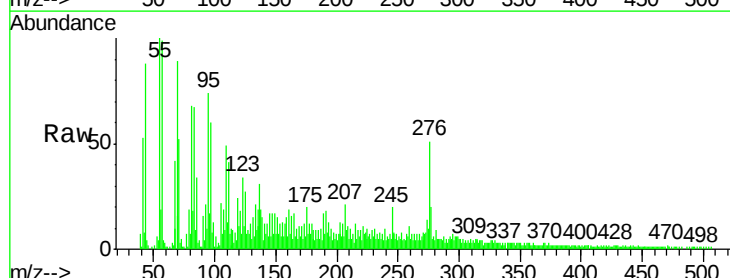
Tgt Ion:276 Resp: 41177

Ion Ratio Lower Upper

276 100

277 38.7 19.2 28.8#

138 36.7 16.0 24.0#

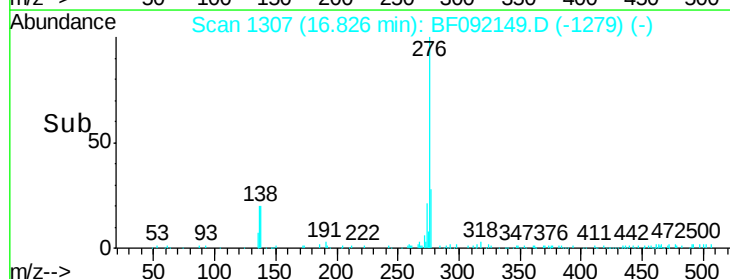


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

Time-->



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

Time-->