

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089675.D
 Acq On : 8 Aug 2016 22:56
 Operator : UM/SJ
 Sample : H4346-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-35A-9-11

Quant Time: Aug 09 02:33:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	44497	20.00	ng	-0.03
21) Naphthalene-d8	9.45	136	192325	20.00	ng	-0.02
38) Acenaphthene-d10	12.26	164	93318	20.00	ng	-0.03
63) Phenanthrene-d10	14.66	188	174571	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	97605	20.00	ng	-0.02
86) Perylene-d12	20.02	264	95326	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	261224	98.39	ng	-0.01
7) Phenol-d6	6.96	99	378507	105.10	ng	-0.02
23) Nitrobenzene-d5	8.33	82	227363	65.39	ng	-0.03
41) 2,4,6-Tribromophenol	13.55	330	73236	95.10	ng	-0.03
44) 2-Fluorobiphenyl	11.22	172	454247	63.26	ng	-0.03
78) Terphenyl-d14	17.03	244	335482	67.85	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.96	77	233	0.18	ng	# 1
10) Phenol	6.97	94	3709	1.00	ng	# 1
15) Benzyl Alcohol	7.66	79	3299	1.40	ng	# 38
19) n-Nitroso-di-n-propylamine	8.33	70	26722	10.27	ng	# 80
24) Nitrobenzene	8.32	77	431	0.13	ng	# 42
25) Isophorone	8.89	82	462	0.07	ng	# 68
31) Naphthalene	9.48	128	445	0.04	ng	# 68
45) 1,1'-Biphenyl	11.22	154	620	0.07	ng	# 1
48) Acenaphthylene	12.05	152	210	0.02	ng	# 60
49) Dimethylphthalate	11.92	163	133974	18.32	ng	# 99
50) 2,6-Dinitrotoluene	11.92	165	1127	0.77	ng	# 1
51) Acenaphthene	12.32	154	968	0.16	ng	# 92
54) Dibenzofuran	12.63	168	271	0.03	ng	# 43
57) Fluorene	13.18	166	638	0.09	ng	# 90
62) Azobenzene	13.55	77	283	0.04	ng	# 1
65) n-Nitrosodiphenylamine	13.55	169	2784	0.47	ng	# 39
70) Phenanthrene	14.70	178	21699	2.29	ng	# 97
71) Anthracene	14.70	178	21699	2.13	ng	# 99
72) Carbazole	15.11	167	838	0.10	ng	# 59
73) Di-n-butylphthalate	15.67	149	955	0.08	ng	# 79
74) Fluoranthene	16.47	202	25471	2.61	ng	# 99
77) Pyrene	16.77	202	21487	2.49	ng	# 93
80) Benzo(a)anthracene	18.35	228	8615	1.54	ng	# 96
82) Chrysene	18.40	228	7323	1.24	ng	# 98
83) Bis(2-ethylhexyl)phthalate	18.45	149	35363	6.96	ng	# 98
84) Di-n-octyl phthalate	19.22	149	522	0.07	ng	# 79
85) Indeno(1,2,3-cd)pyrene	21.21	276	3744	0.84	ng	# 84
87) Benzo(b)fluoranthene	19.62	252	11509	1.96	ng	# 88
88) Benzo(k)fluoranthene	19.62	252	11509	1.95	ng	# 91
89) Benzo(a)pyrene	19.98	252	7332	1.34	ng	# 96
90) Dibenzo(a,h)anthracene	21.22	278	893	0.17	ng	# 55
91) Benzo(g,h,i)perylene	21.54	276	3176	0.60	ng	# 96

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Response via : Initial Calibration

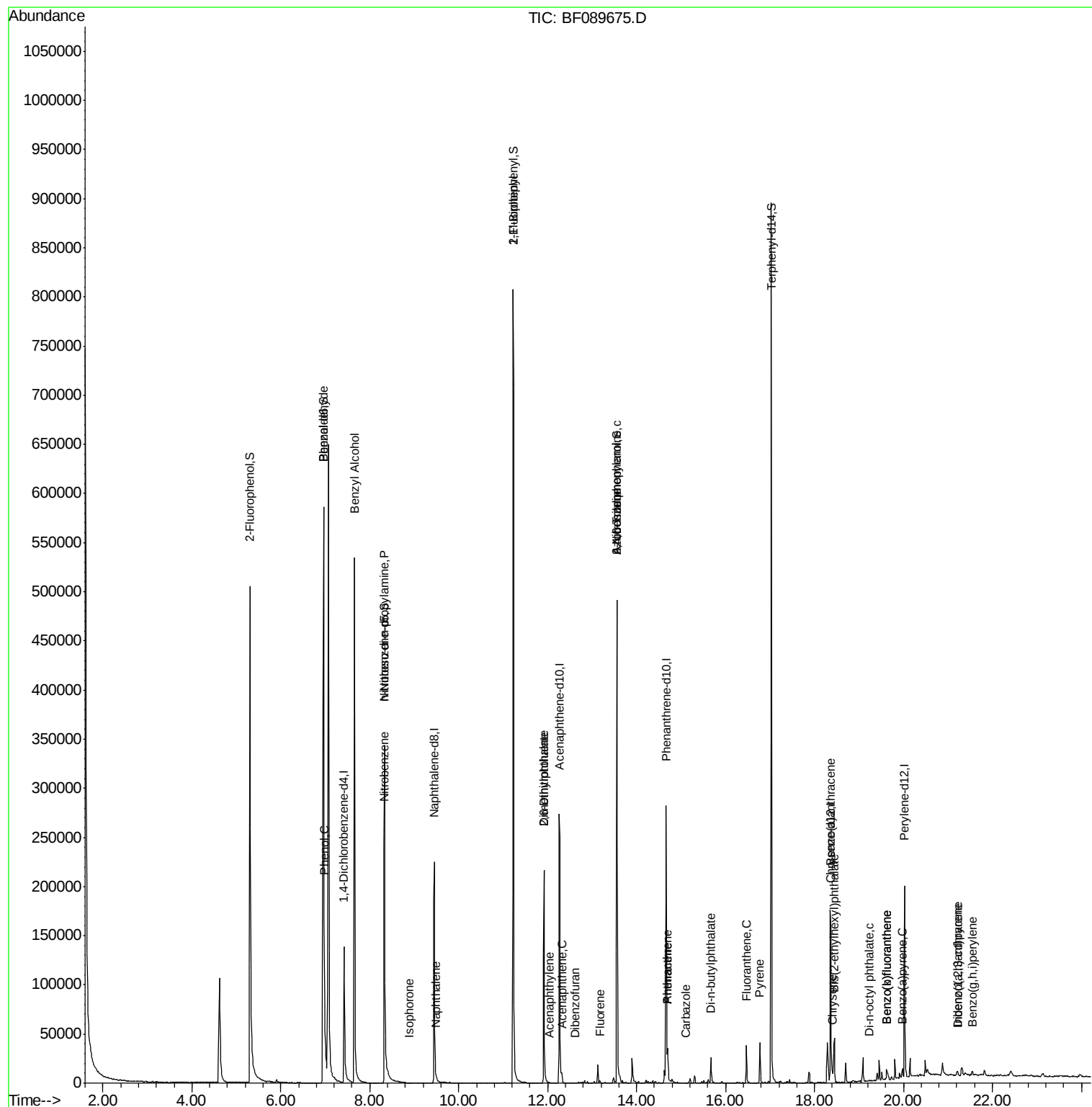
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

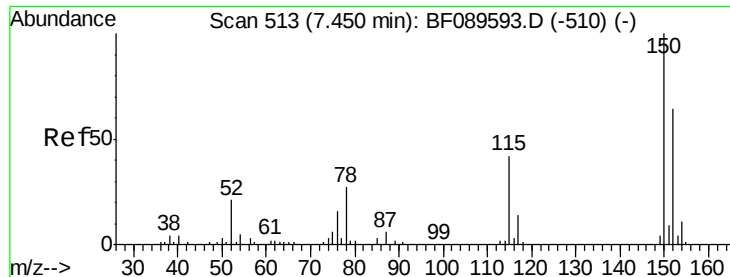
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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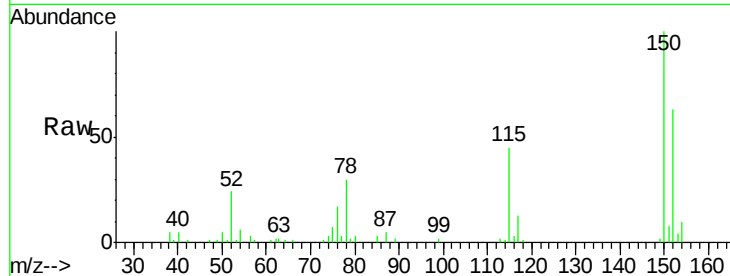




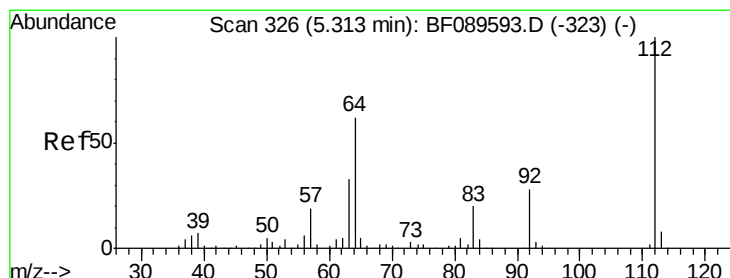
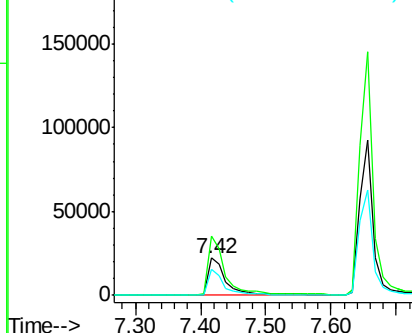
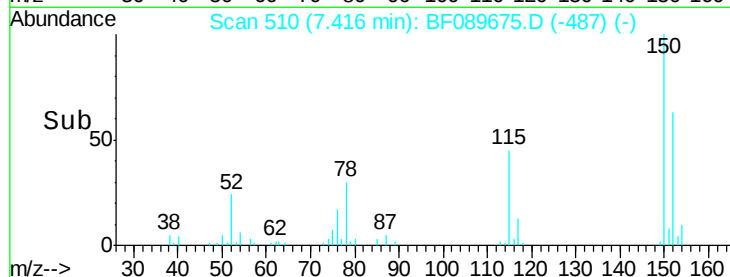
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.03 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-35A-9-11

Tgt Ion:152 Resp: 44497
 Ion Ratio Lower Upper
 152 100
 150 159.5 125.5 188.3
 115 71.1 52.0 78.0

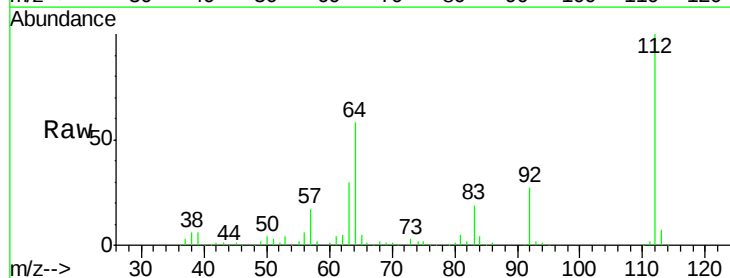


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

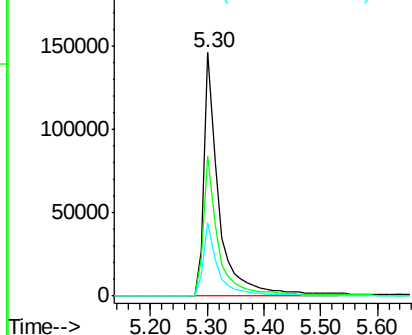
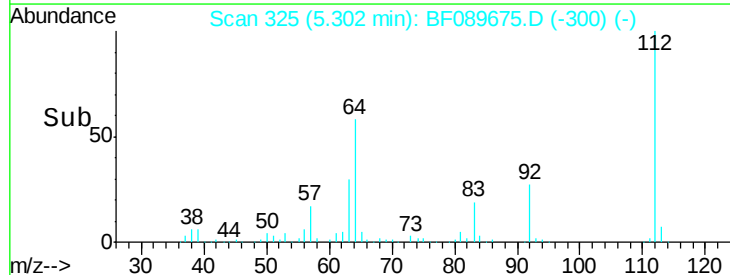


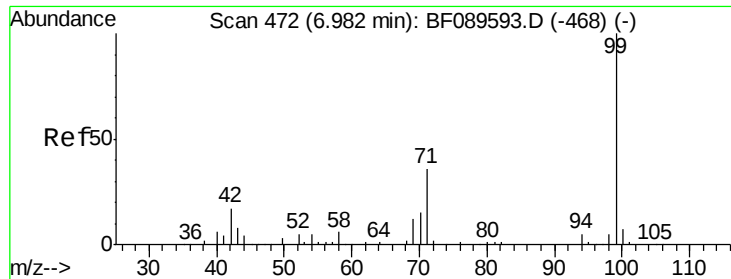
#5
 2-Fluorophenol
 Concen: 98.39 ng
 RT: 5.30 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

Tgt Ion:112 Resp: 261224
 Ion Ratio Lower Upper
 112 100
 64 57.6 49.9 74.9
 63 30.3 26.1 39.1



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: 105.10 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-35A-9-11

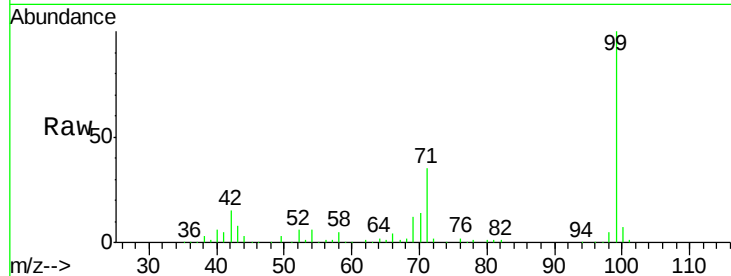
Tgt Ion: 99 Resp: 378507

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

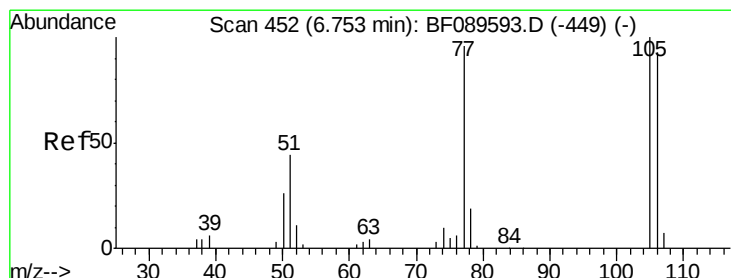
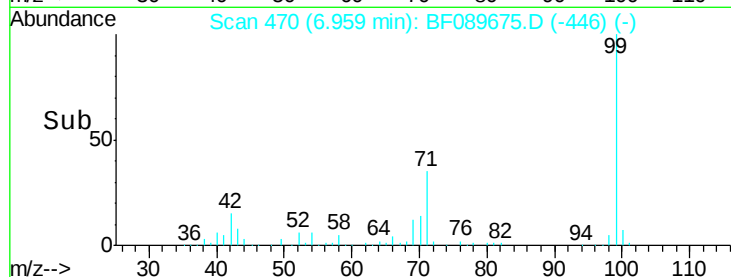
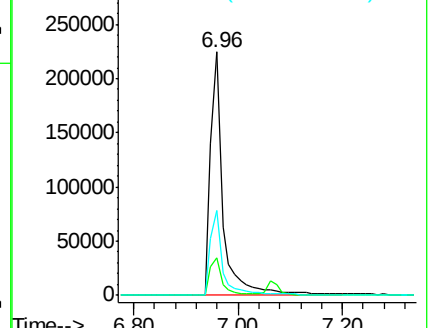
71 34.6 29.0 43.4



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



#9

Benzaldehyde

Concen: 0.18 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.21 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

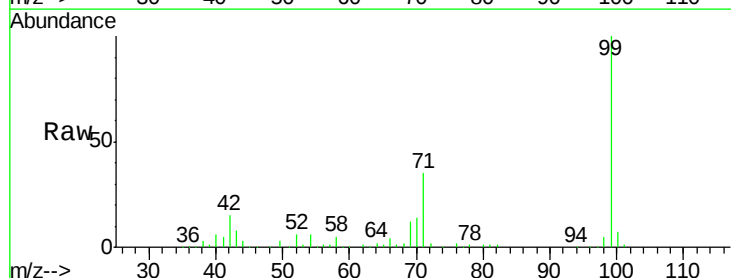
Tgt Ion: 77 Resp: 233

Ion Ratio Lower Upper

77 100

105 0.0 84.7 124.7#

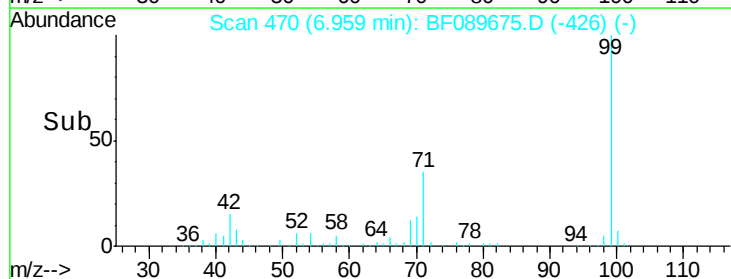
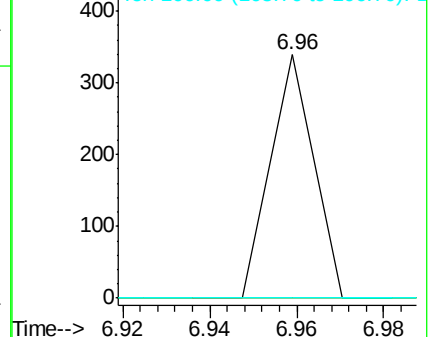
106 0.0 77.1 117.1#

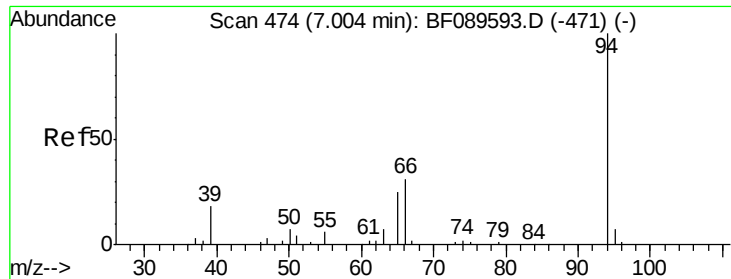


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

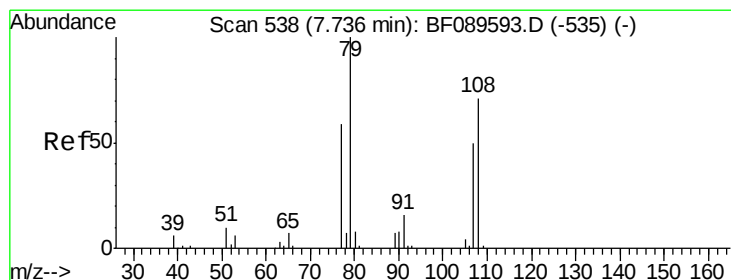
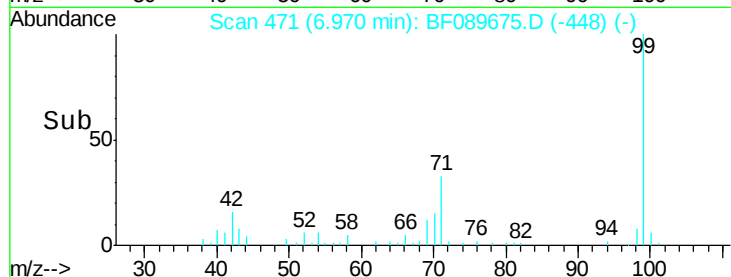
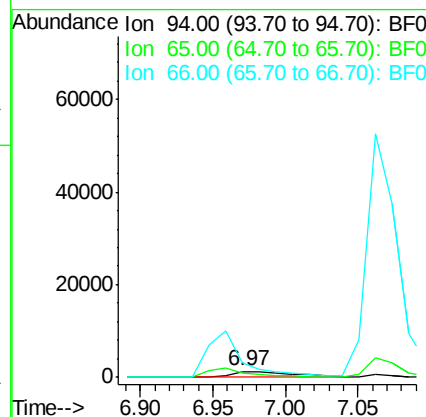
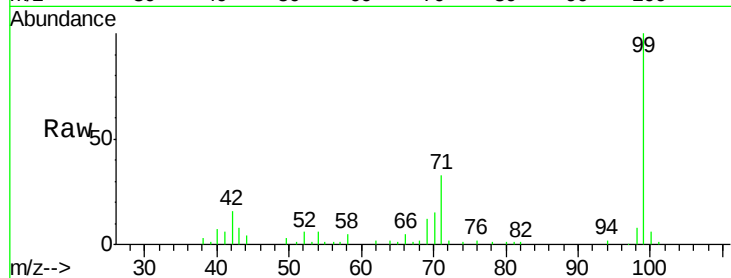




#10
Phenol
Concen: 1.00 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.03 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

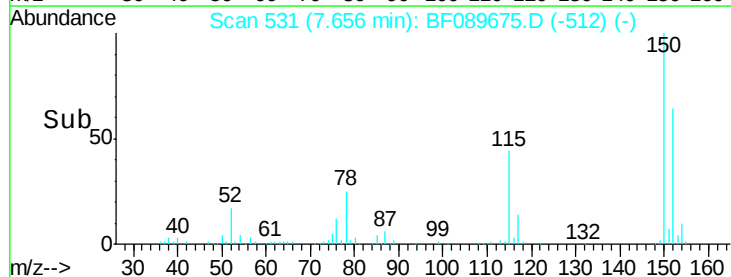
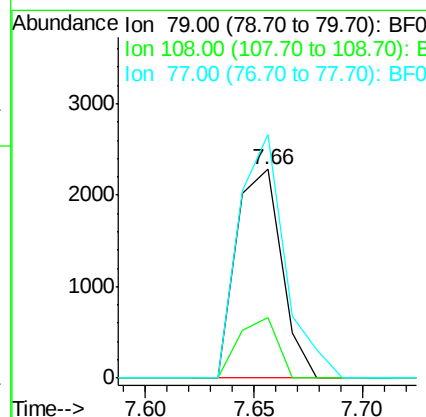
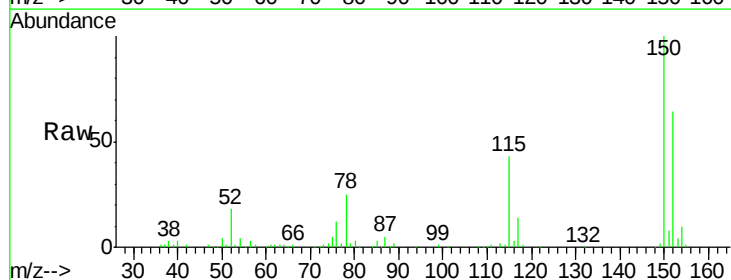
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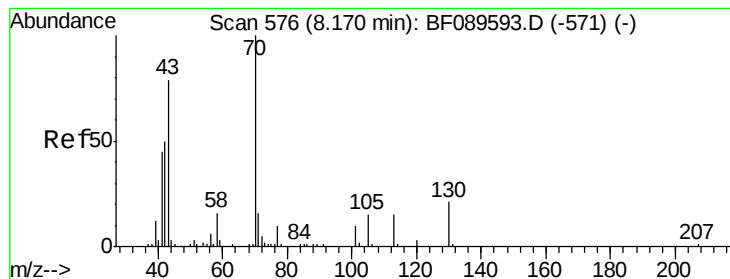
Tgt Ion: 94 Resp: 3709
Ion Ratio Lower Upper
94 100
65 64.7 11.0 51.0#
66 254.8 27.4 67.4#



#15
Benzyl Alcohol
Concen: 1.40 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.08 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

Tgt Ion: 79 Resp: 3299
Ion Ratio Lower Upper
79 100
108 28.7 58.3 87.5#
77 116.5 48.7 73.1#





#19

n-Nitroso-di-n-propylamine

Concen: 10.27 ng

RT: 8.33 min Scan# 590

Delta R.T. 0.16 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-35A-9-11

Tgt Ion: 70 Resp: 26722

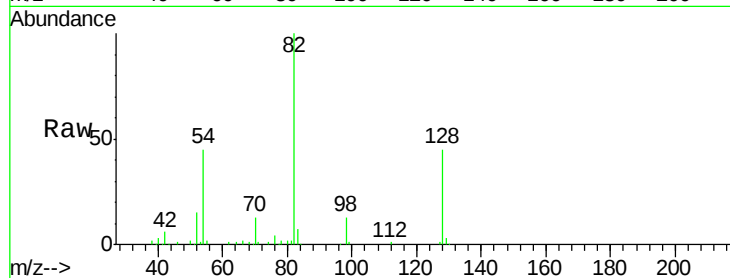
Ion Ratio Lower Upper

70 100

42 42.2 40.2 60.2

101 0.0 7.8 11.6#

130 2.3 16.4 24.6#



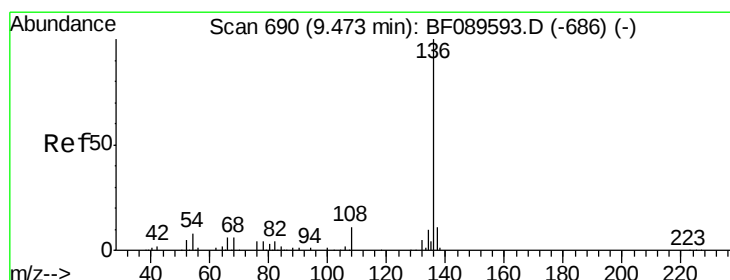
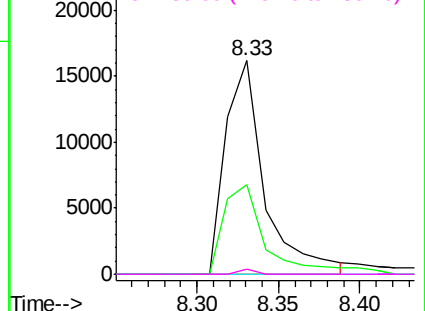
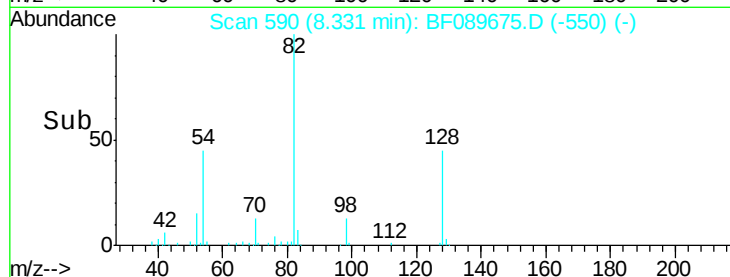
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Tgt Ion: 136 Resp: 192325

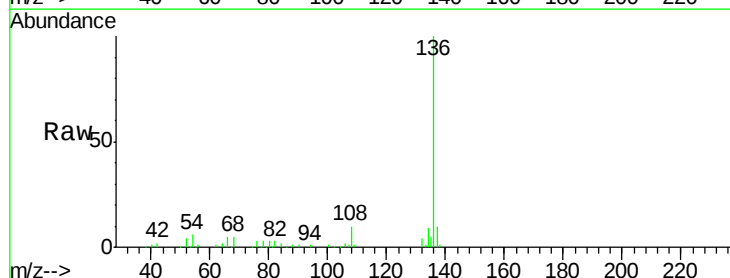
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 6.4 6.0 9.0

68 5.1 4.6 6.8



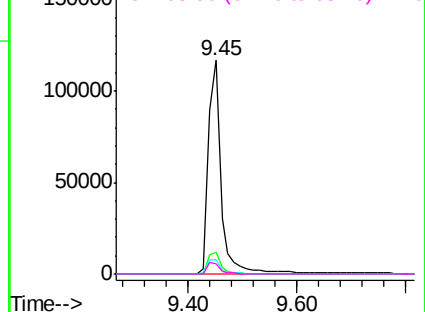
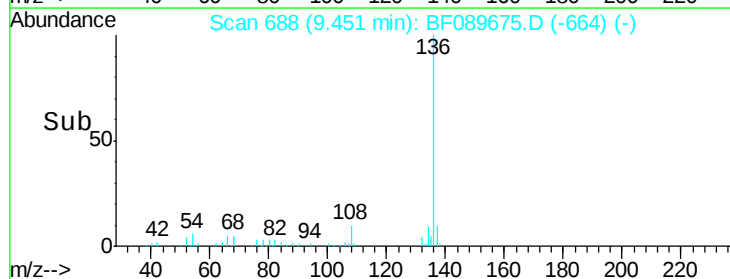
Abundance

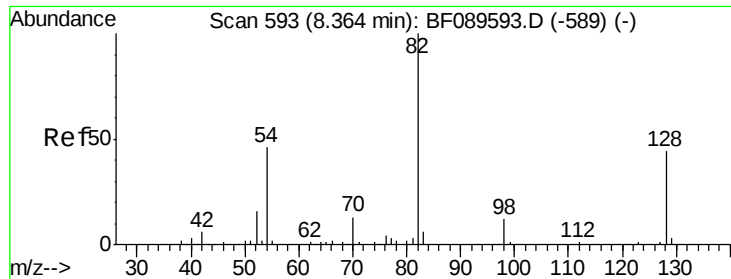
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

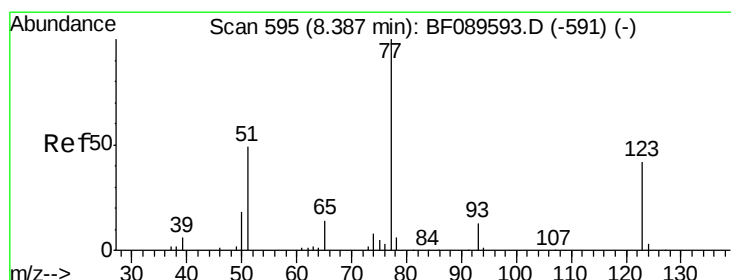
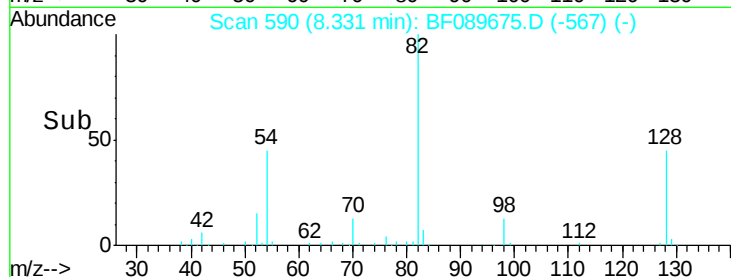
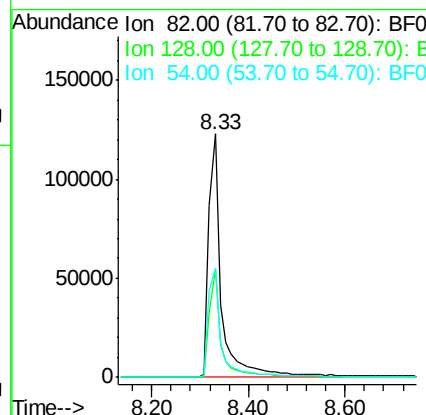
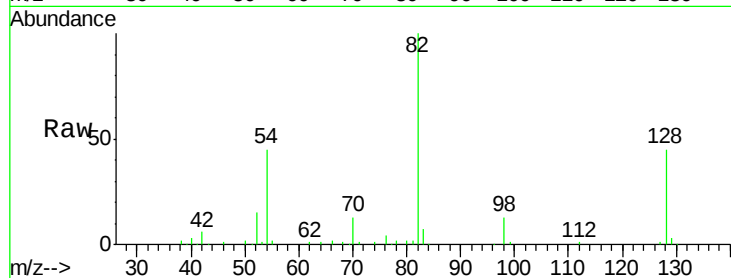




#23
 Nitrobenzene-d5
 Concen: 65.39 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

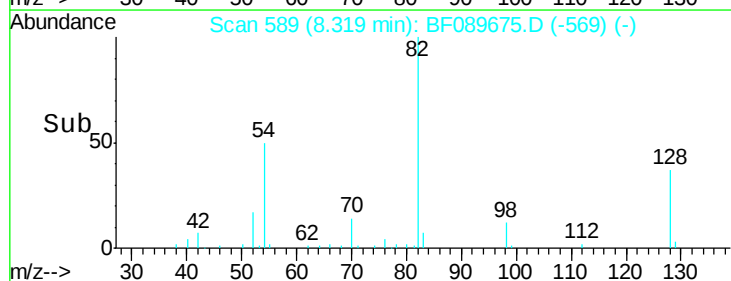
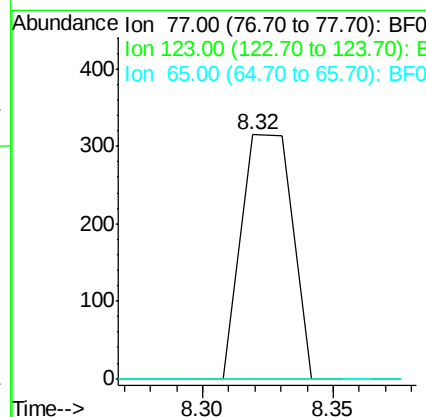
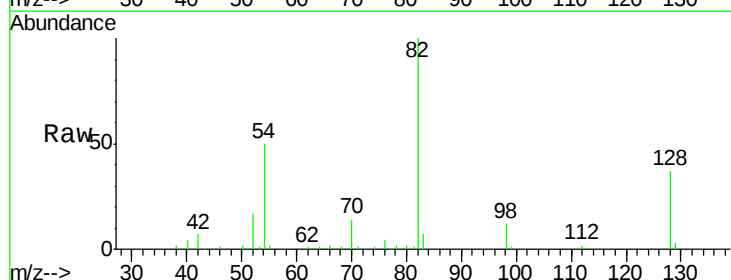
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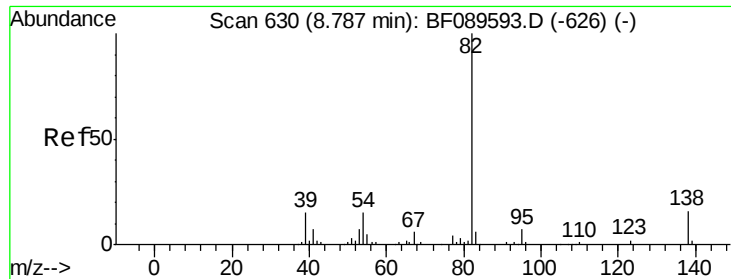
Tgt Ion: 82 Resp: 227363
 Ion Ratio Lower Upper
 82 100
 128 44.5 35.4 53.0
 54 45.0 36.4 54.6



#24
 Nitrobenzene
 Concen: 0.13 ng
 RT: 8.32 min Scan# 589
 Delta R.T. -0.07 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

Tgt Ion: 77 Resp: 431
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.6 49.0#
 65 0.0 11.0 16.6#





#25

Isophorone

Concen: 0.07 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.10 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Instrument :

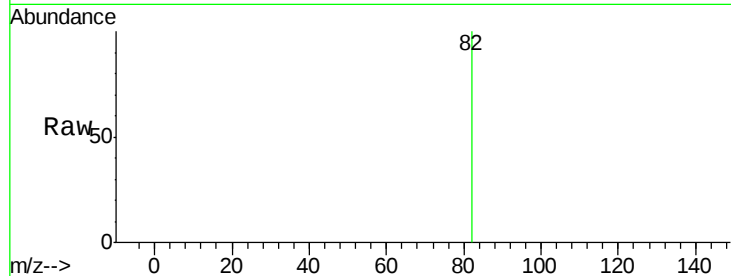
BNA_F

ClientSampleId :

LOCATION-35A-9-11

Tgt Ion: 82 Resp: 462

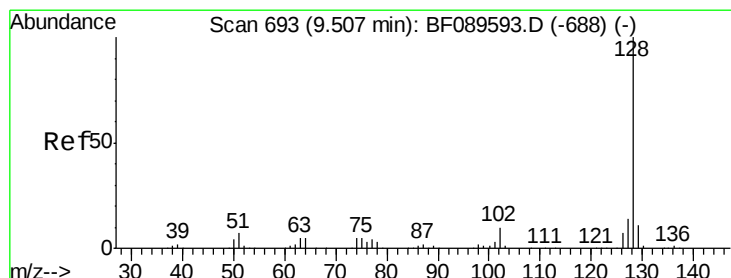
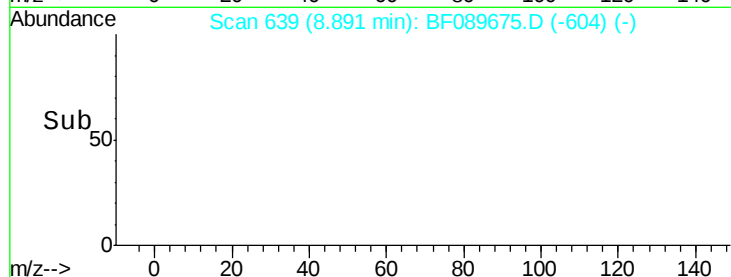
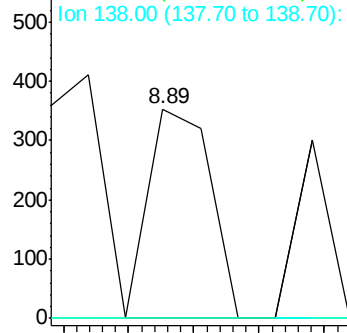
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	12.6	18.8#



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



#31

Naphthalene

Concen: 0.04 ng

RT: 9.48 min Scan# 691

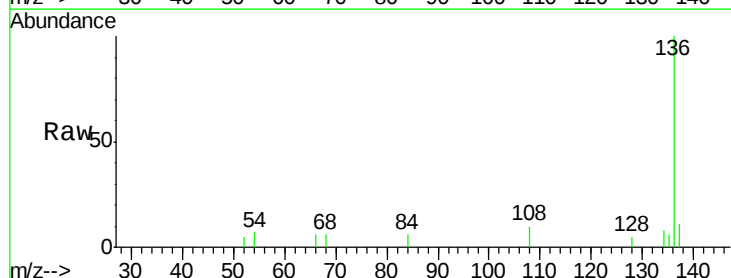
Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Tgt Ion: 128 Resp: 445

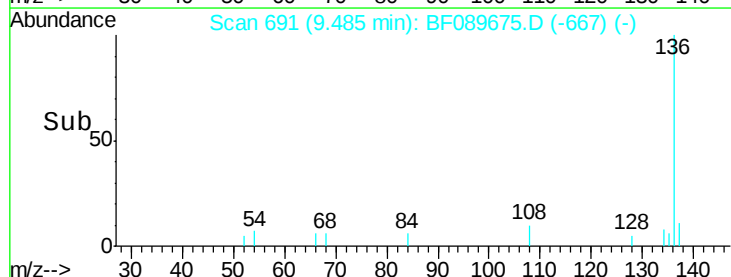
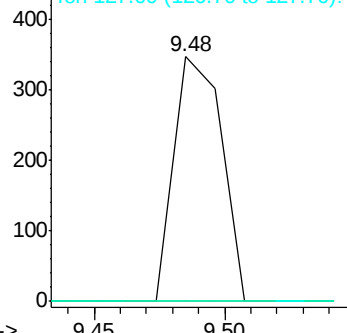
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.7	13.1#
127	0.0	10.9	16.3#

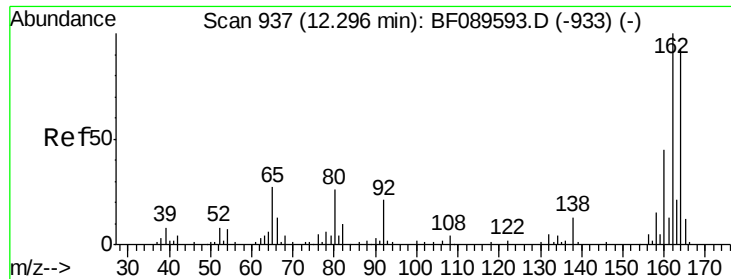


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

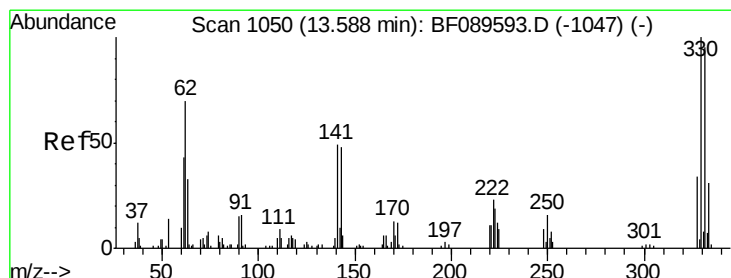
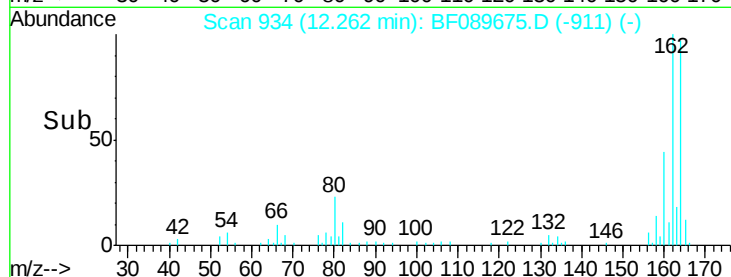
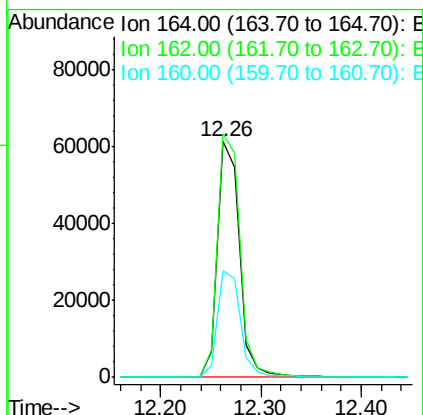
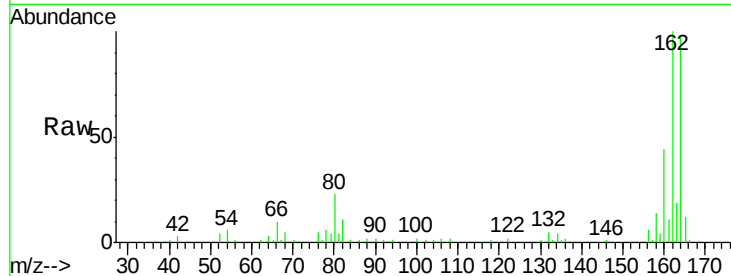




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.26 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

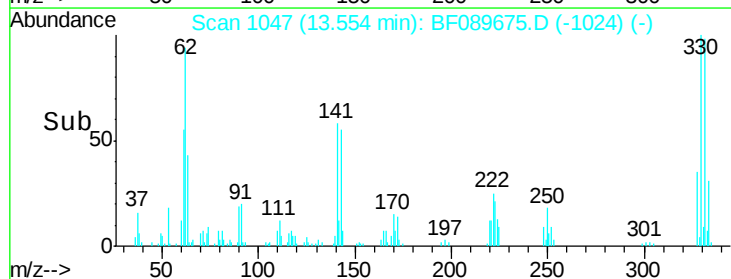
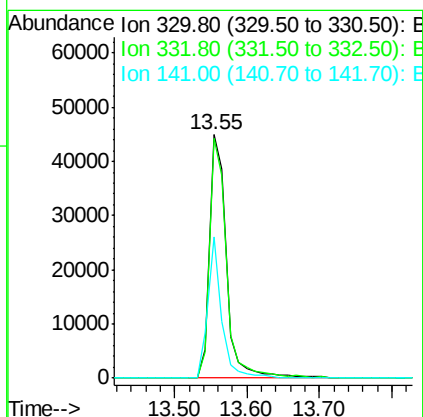
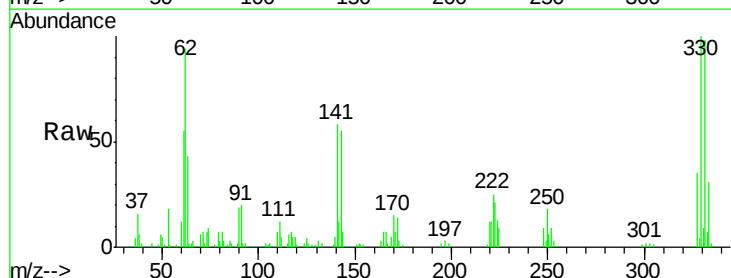
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-35A-9-11

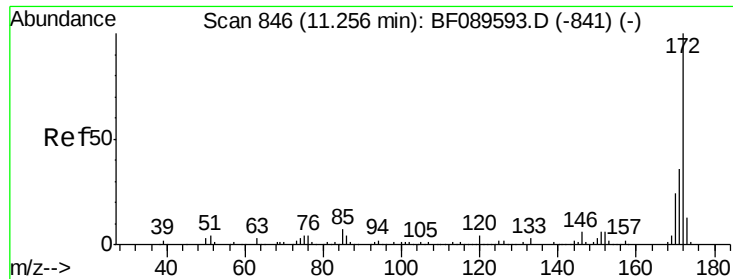
Tgt Ion:164 Resp: 93318
 Ion Ratio Lower Upper
 164 100
 162 103.5 85.7 128.5
 160 45.6 38.2 57.4



#41
 2,4,6-Tribromophenol
 Concen: 95.10 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

Tgt Ion:330 Resp: 73236
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 47.6 38.6 57.8

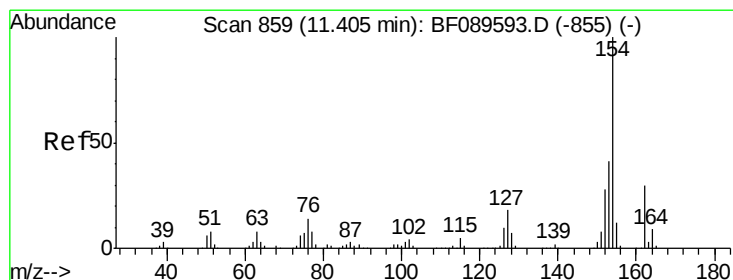
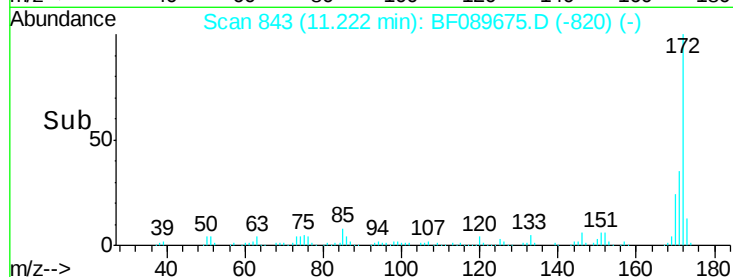
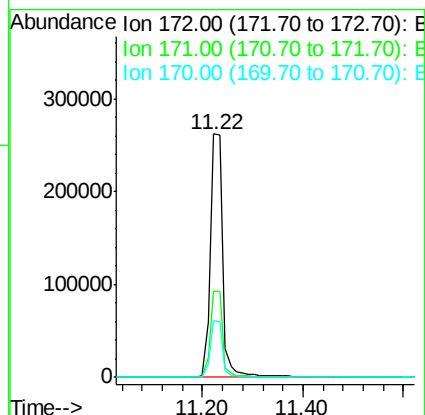
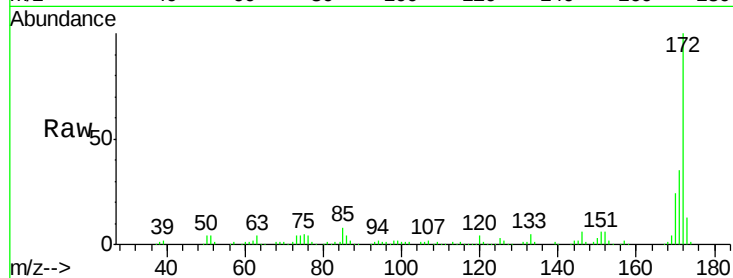




#44
 2-Fluorobiphenyl
 Concen: 63.26 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

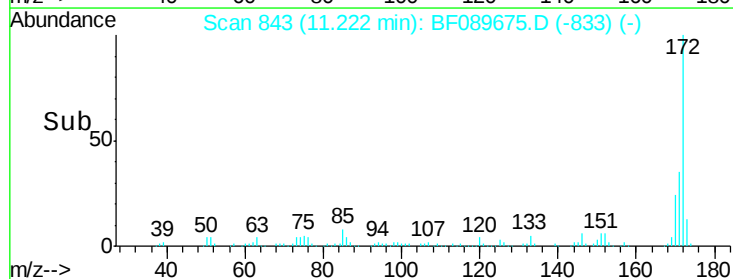
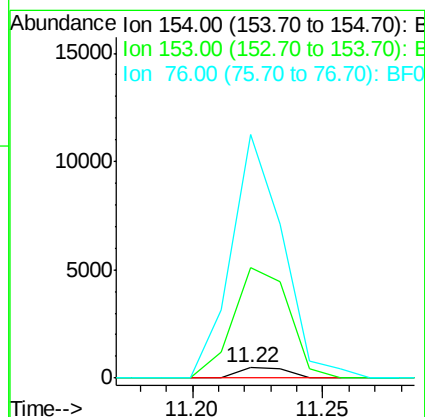
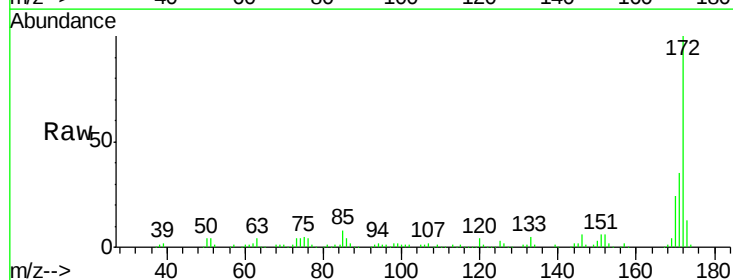
Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-35A-9-11

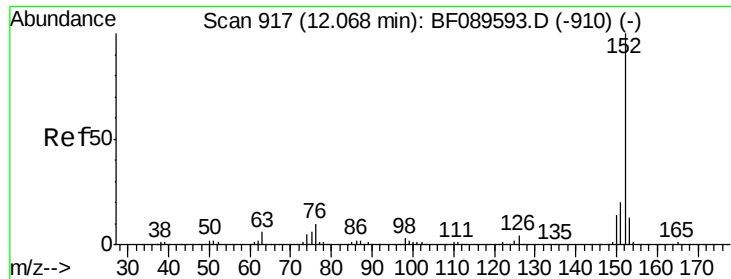
Tgt Ion:172 Resp: 454247
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.9 43.3
 170 23.5 19.0 28.6



#45
 1,1'-Biphenyl
 Concen: 0.07 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.18 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

Tgt Ion:154 Resp: 620
 Ion Ratio Lower Upper
 154 100
 153 1076.7 20.6 60.6#
 76 2361.6 0.0 33.7#





#48

Acenaphthylene

Concen: 0.02 ng

RT: 12.05 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-35A-9-11

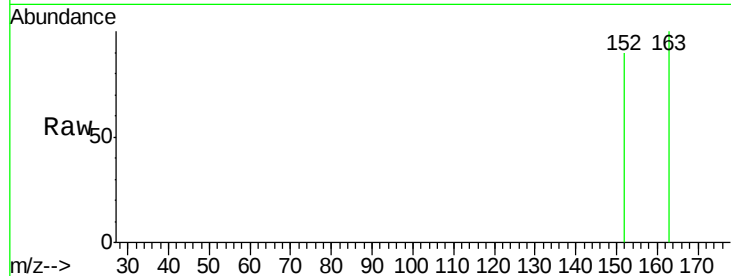
Tgt Ion:152 Resp: 210

Ion Ratio Lower Upper

152 100

151 0.0 16.2 24.4#

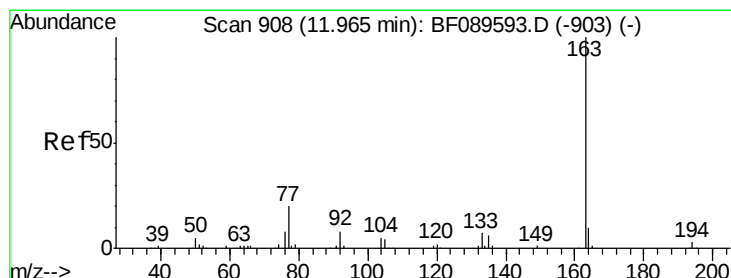
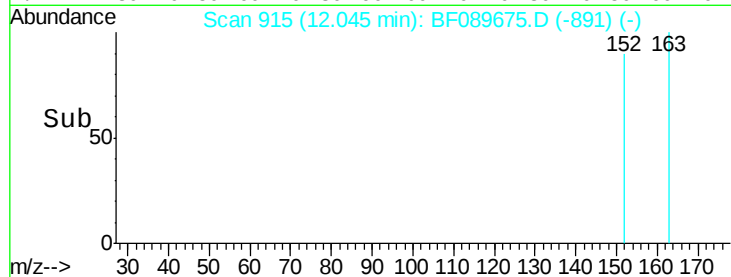
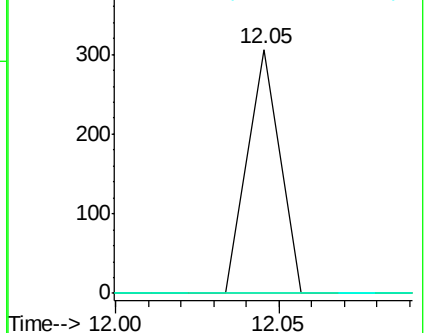
153 0.0 10.5 15.7#



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: 18.32 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

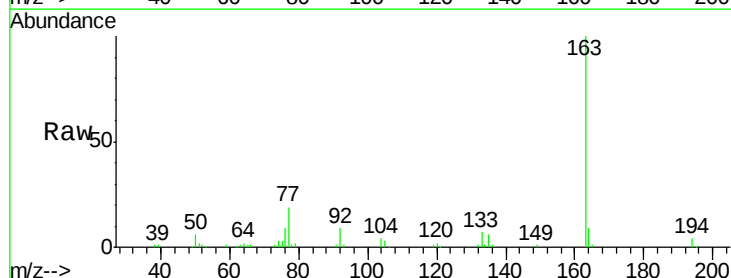
Tgt Ion:163 Resp: 133974

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

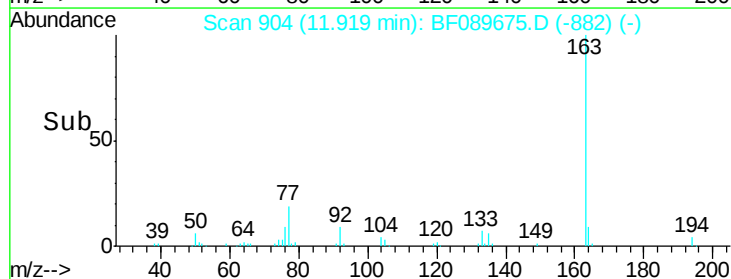
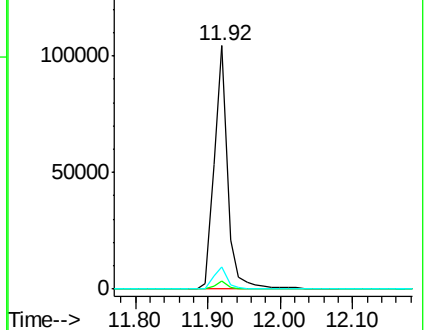
164 9.3 7.8 11.6

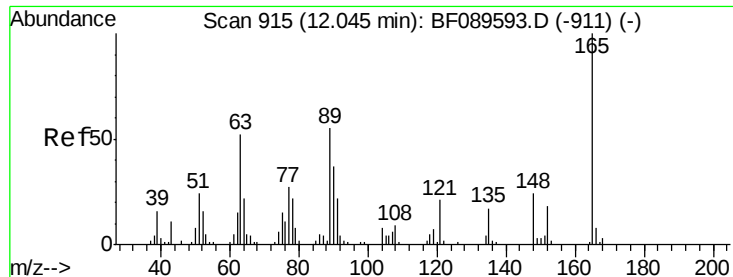


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

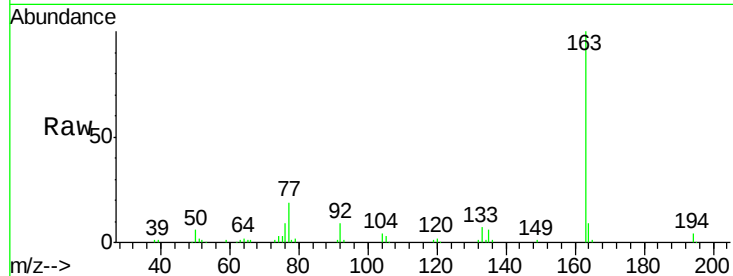




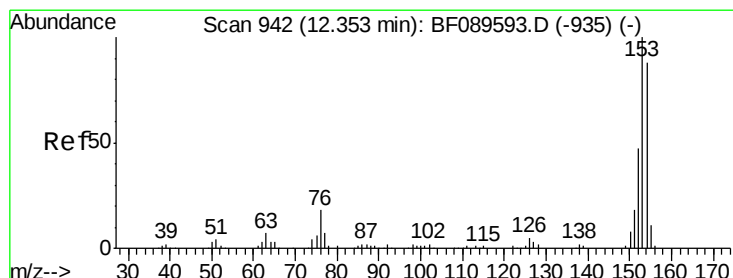
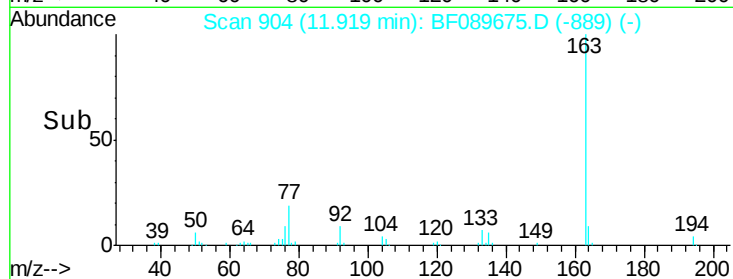
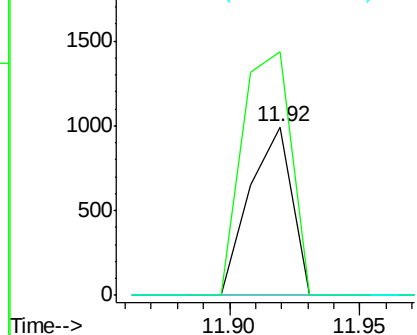
#50
2,6-Dinitrotoluene
Concen: 0.77 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.13 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

Instrument :
BNA_F
ClientSampleId :
LOCATION-35A-9-11

Tgt Ion:165 Resp: 1127
Ion Ratio Lower Upper
165 100
63 144.4 44.6 67.0#
89 0.0 44.2 66.2#

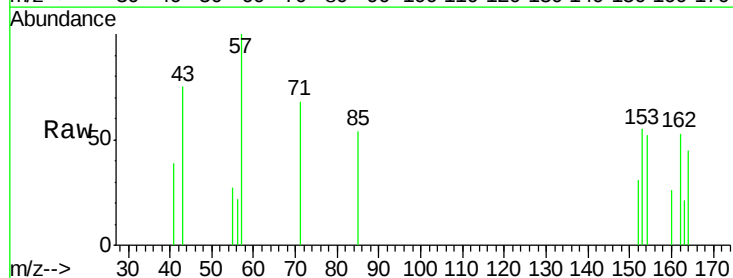


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

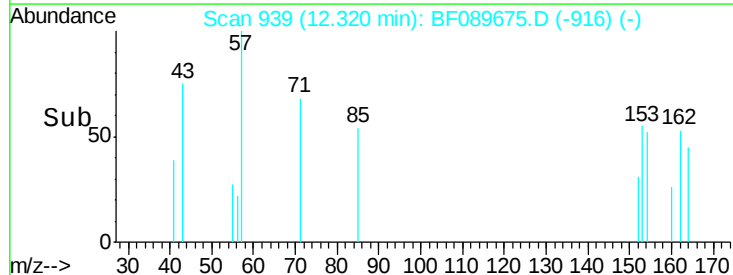
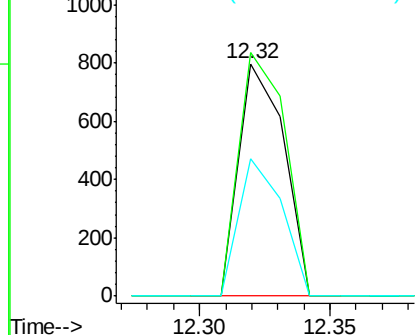


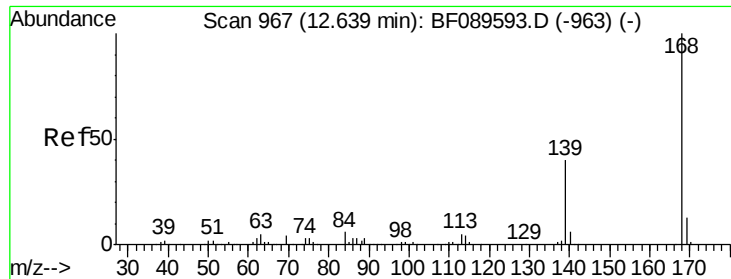
#51
Acenaphthene
Concen: 0.16 ng
RT: 12.32 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

Tgt Ion:154 Resp: 968
Ion Ratio Lower Upper
154 100
153 104.9 91.1 136.7
152 58.9 43.5 65.3



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

Dibenzenofuran

Concen: 0.03 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-35A-9-11

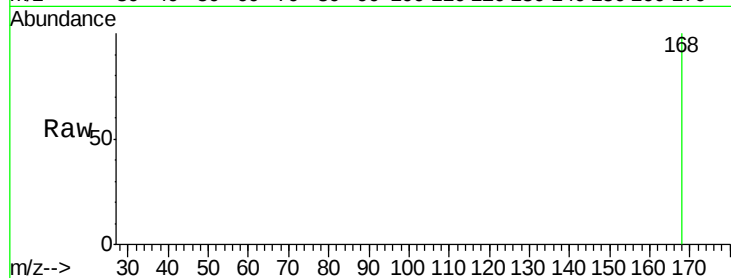
Tgt Ion:168 Resp: 271

Ion Ratio Lower Upper

168 100

139 0.0 32.3 48.5#

169 0.0 10.6 15.8#



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

12.63

400

300

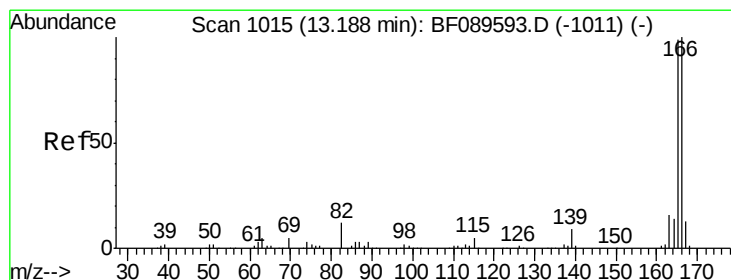
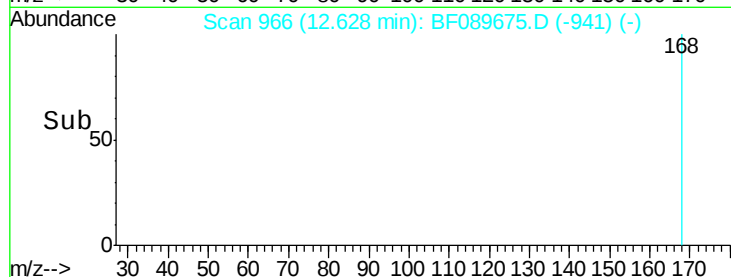
200

100

0

12.60 12.65

Time-->



#57

Fluorene

Concen: 0.09 ng

RT: 13.18 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

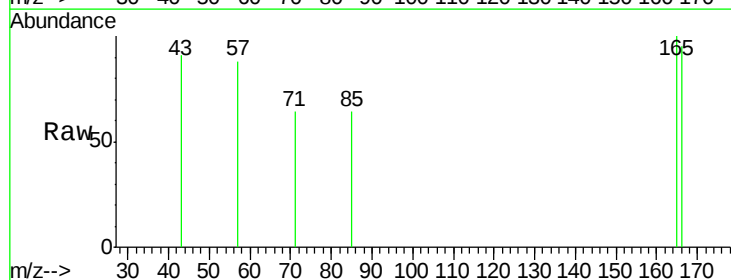
Tgt Ion:166 Resp: 638

Ion Ratio Lower Upper

166 100

165 105.6 78.9 118.3

167 0.0 10.4 15.6#



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

13.18

600

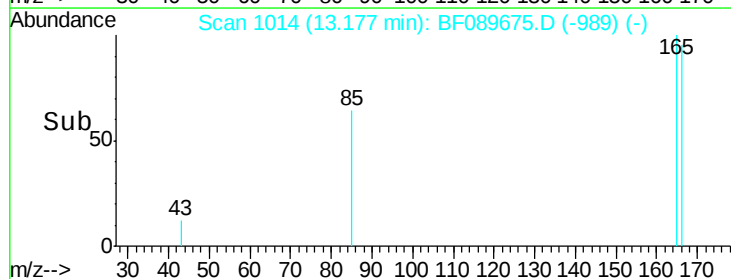
400

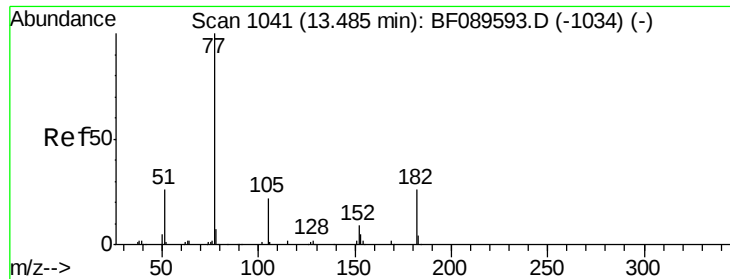
200

0

13.15 13.20

Time-->

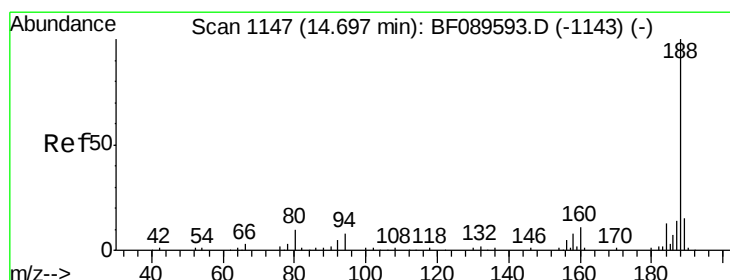
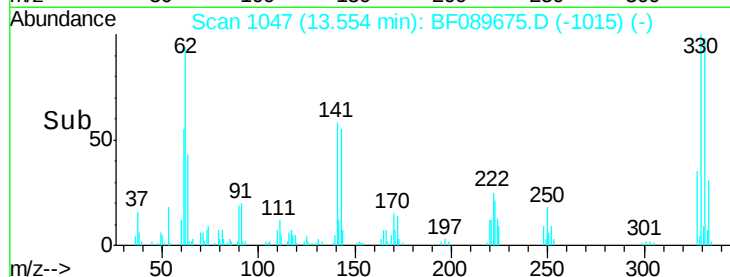
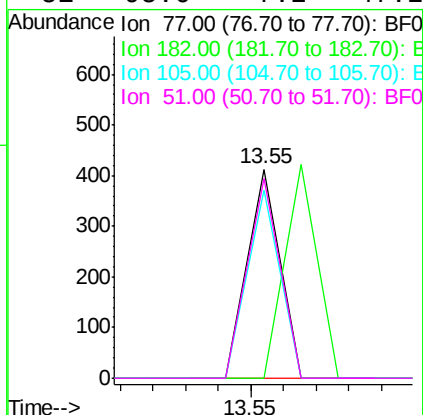
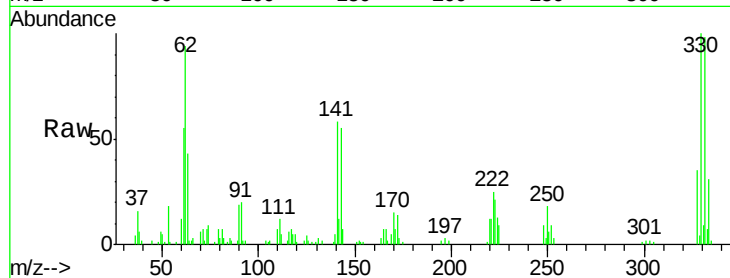




#62
Azobenzene
Concen: 0.04 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.07 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

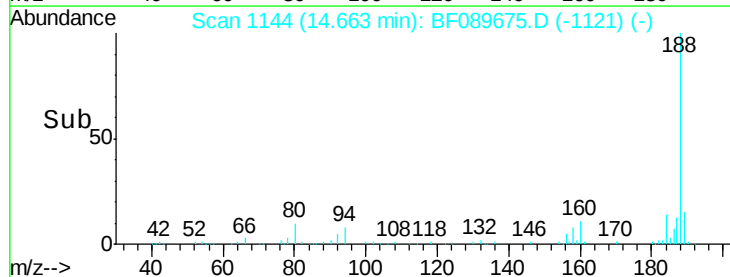
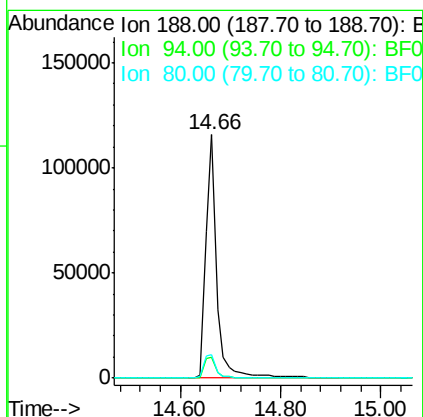
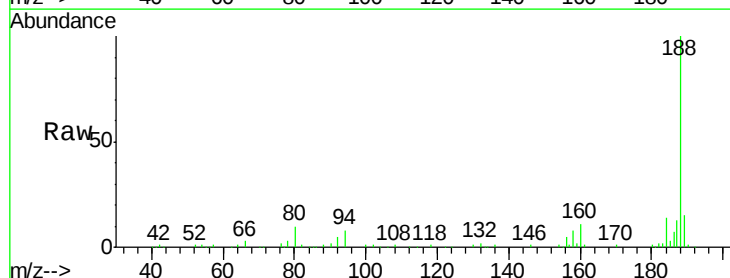
Instrument :
BNA_F
ClientSampleId :
LOCATION-35A-9-11

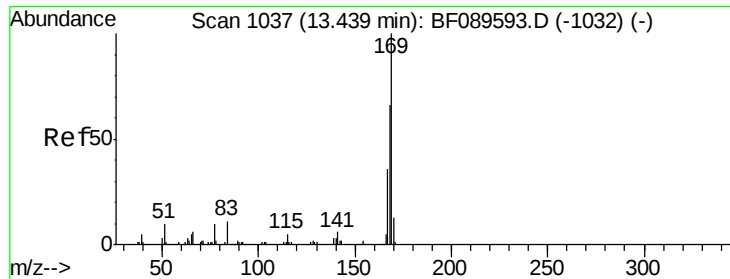
Tgt Ion: 77 Resp: 283
Ion Ratio Lower Upper
77 100
182 0.0 5.8 45.8#
105 89.8 2.9 42.9#
51 95.6 7.2 47.2#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

Tgt Ion: 188 Resp: 174571
Ion Ratio Lower Upper
188 100
94 8.5 6.5 9.7
80 9.5 8.0 12.0

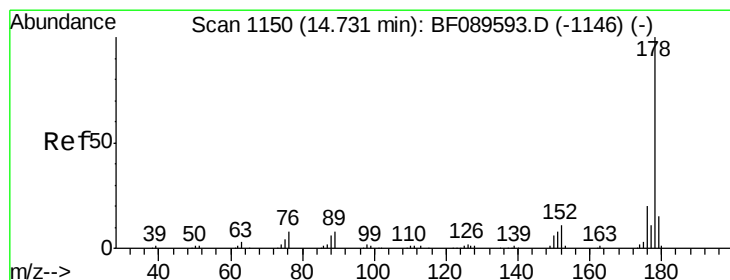
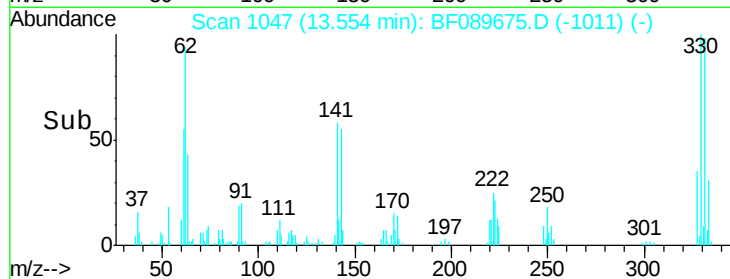
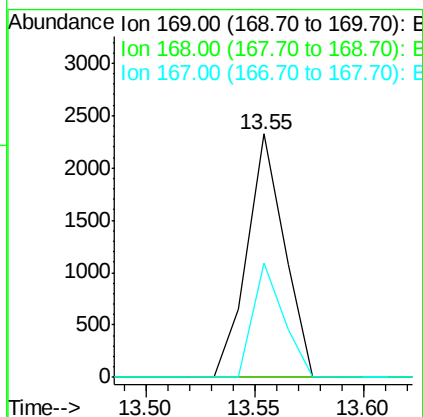
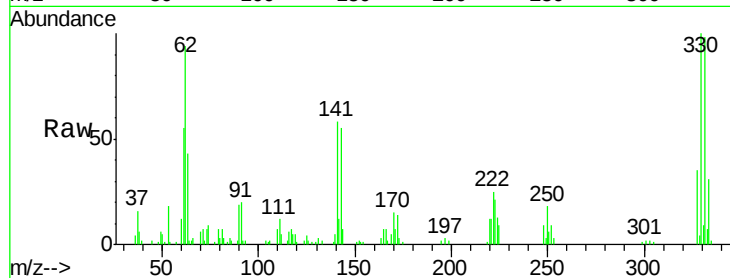




#65
n-Nitrosodiphenylamine
Concen: 0.47 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.11 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

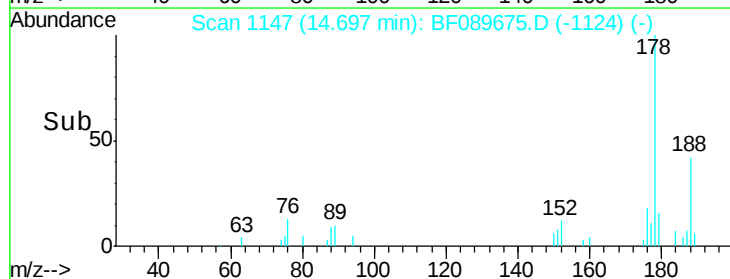
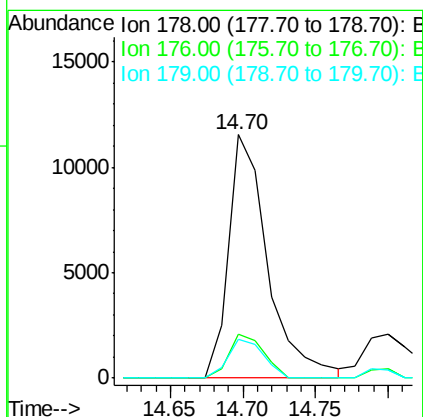
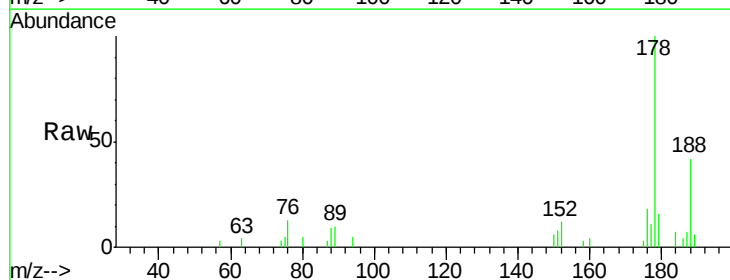
Instrument :
BNA_F
ClientSampleId :
LOCATION-35A-9-11

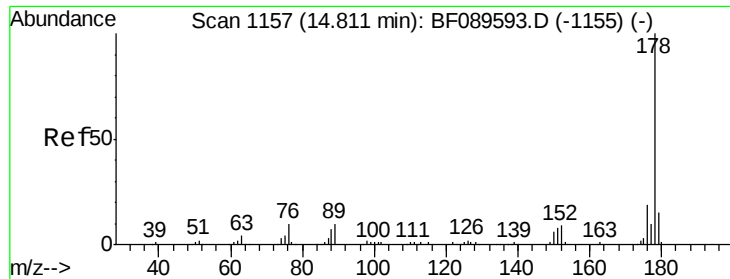
Tgt Ion:169 Resp: 2784
Ion Ratio Lower Upper
169 100
168 0.0 54.2 81.2#
167 47.1 28.9 43.3#



#70
Phenanthrene
Concen: 2.29 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.03 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

Tgt Ion:178 Resp: 21699
Ion Ratio Lower Upper
178 100
176 17.9 15.7 23.5
179 15.9 12.2 18.2

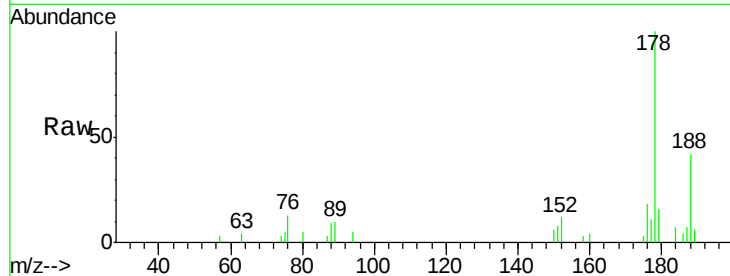




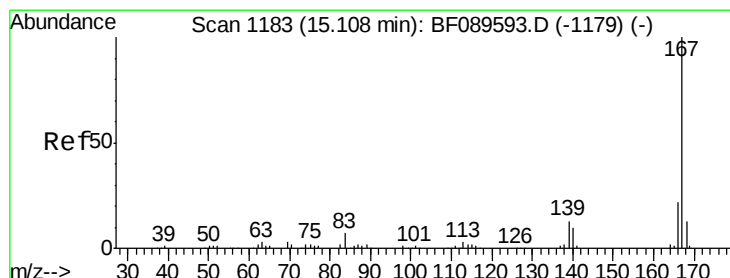
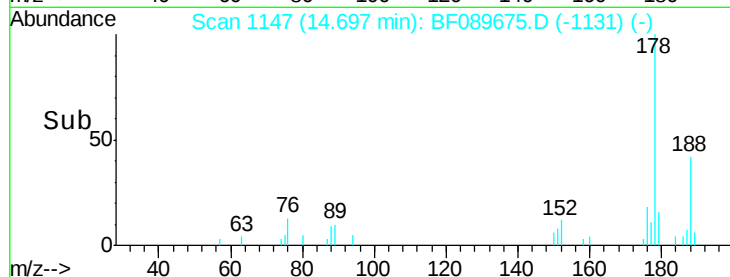
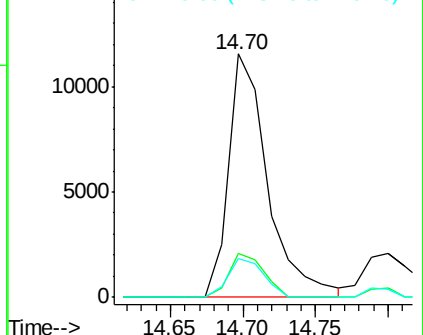
#71
 Anthracene
 Concen: 2.13 ng
 RT: 14.70 min Scan# 1147
 Delta R.T. -0.11 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-35A-9-11

Tgt Ion:178 Resp: 21699
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.0 22.4
 179 15.9 12.4 18.6

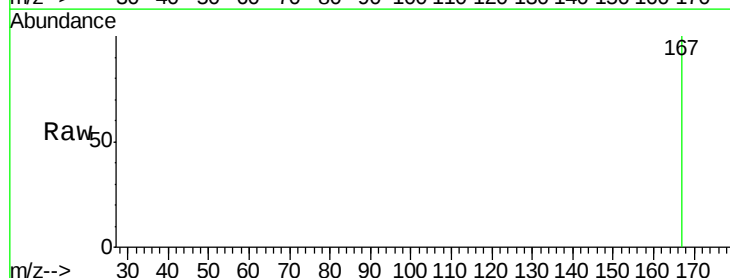


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

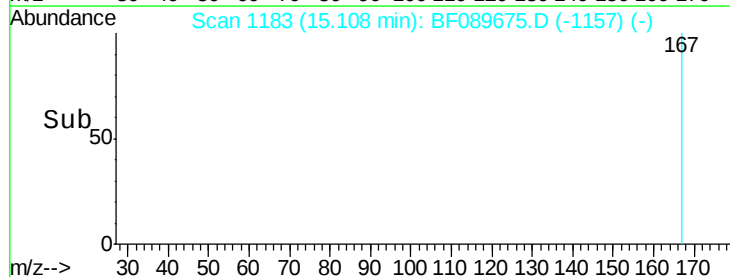
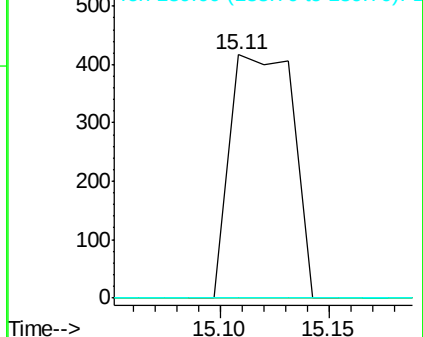


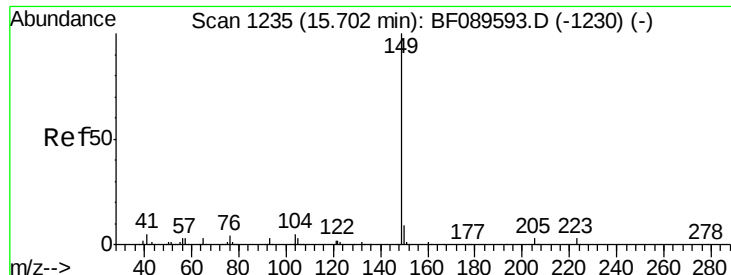
#72
 Carbazole
 Concen: 0.10 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF089675.D
 Acq: 8 Aug 2016 22:56

Tgt Ion:167 Resp: 838
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.5 26.3#
 139 0.0 10.4 15.6#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 0.08 ng

RT: 15.67 min Scan# 1232

Delta R.T. -0.03 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-35A-9-11

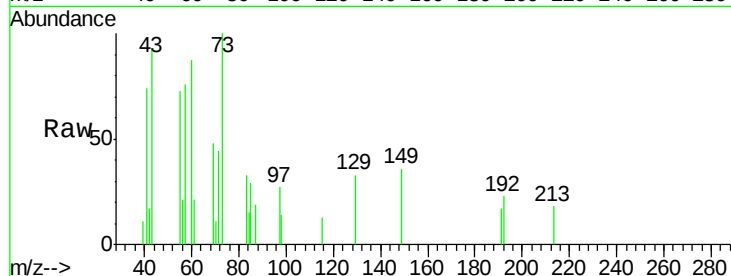
Tgt Ion:149 Resp: 955

Ion Ratio Lower Upper

149 100

150 0.0 7.2 10.8#

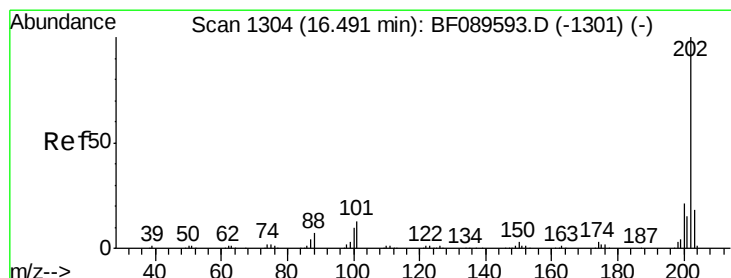
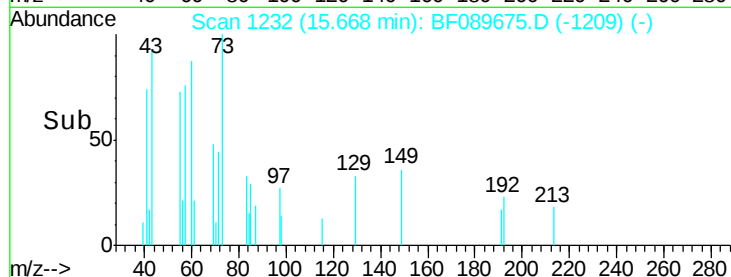
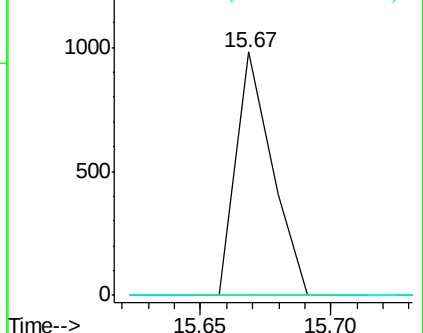
104 0.0 3.8 5.8#



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: 2.61 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

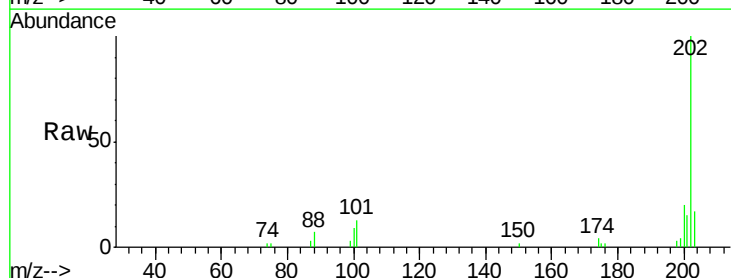
Tgt Ion:202 Resp: 25471

Ion Ratio Lower Upper

202 100

101 12.6 0.0 32.7

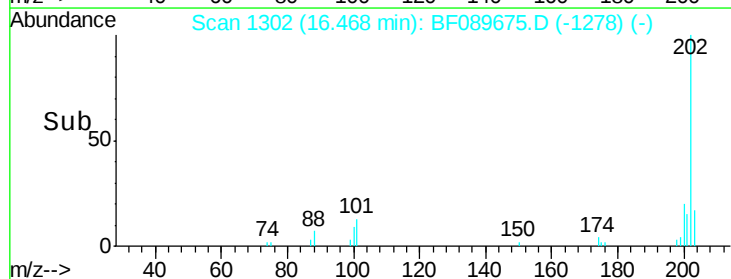
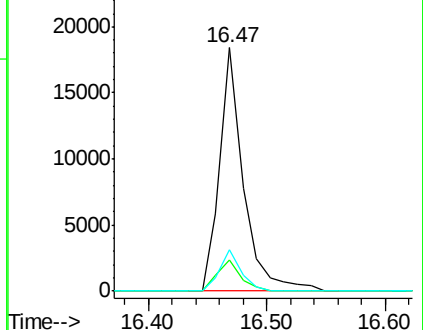
203 17.3 0.0 37.8

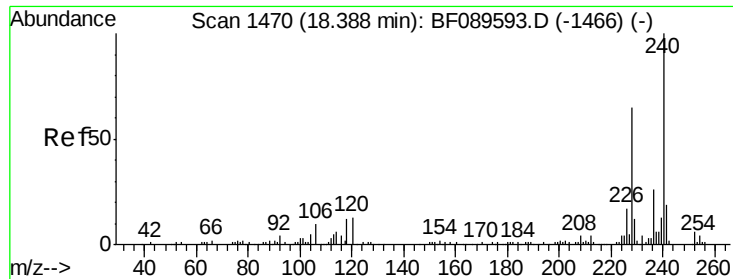


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

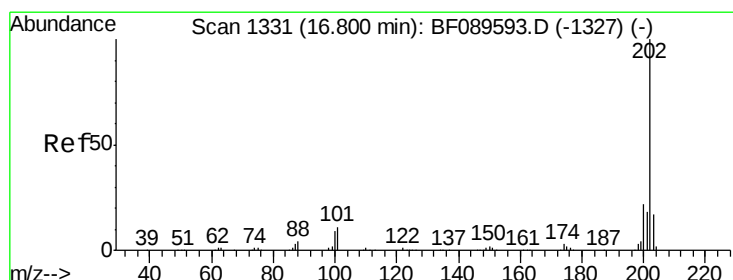
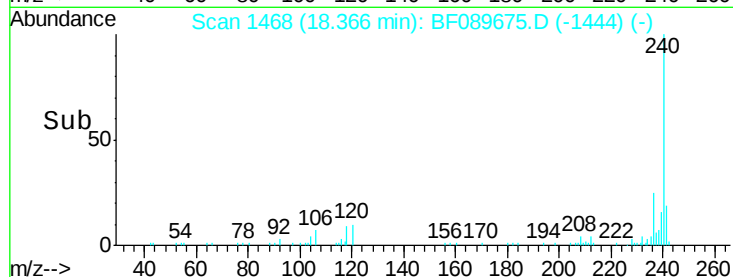
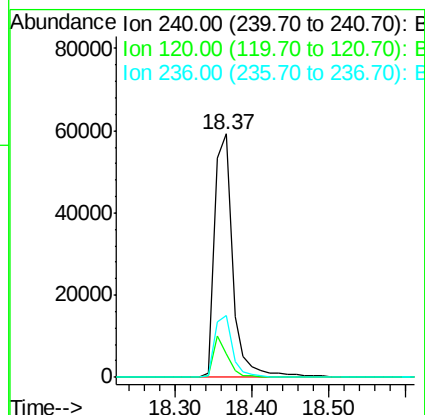
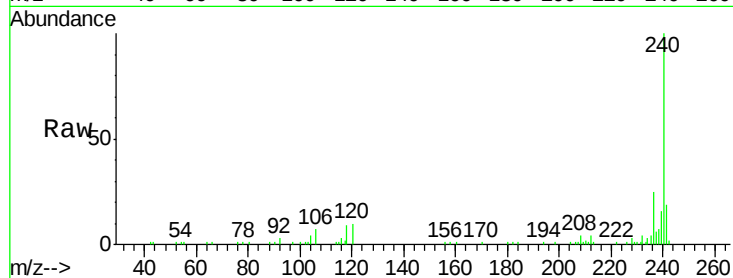




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

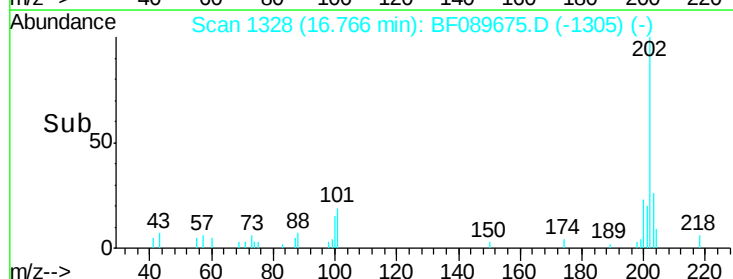
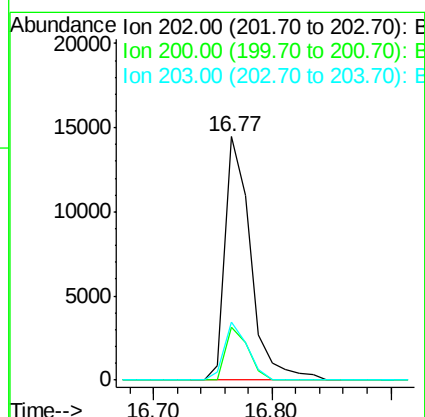
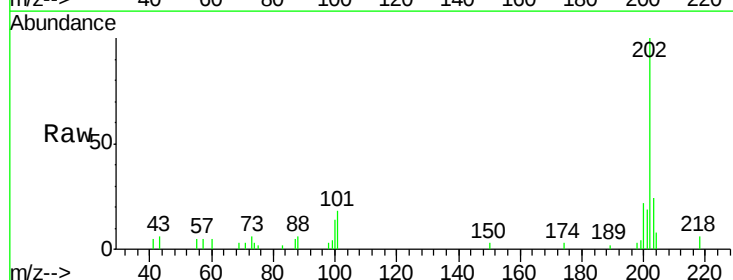
Instrument :
BNA_F
ClientSampleId :
LOCATION-35A-9-11

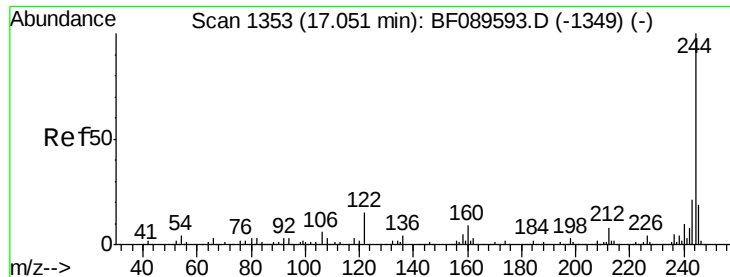
Tgt Ion:240 Resp: 97605
Ion Ratio Lower Upper
240 100
120 9.9 10.6 15.8#
236 25.3 20.6 30.8



#77
Pyrene
Concen: 2.49 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

Tgt Ion:202 Resp: 21487
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.0
203 23.9 13.6 20.4#





#78

Terphenyl-d14

Concen: 67.85 ng

RT: 17.03 min Scan# 1351

Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-35A-9-11

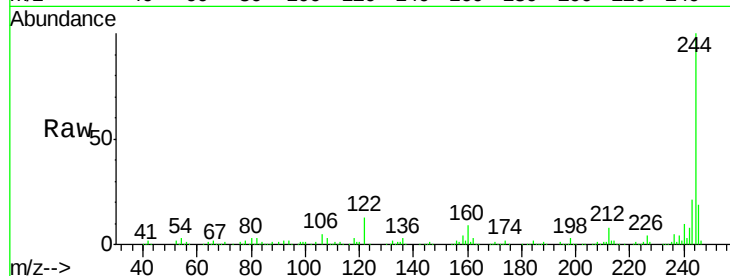
Tgt Ion:244 Resp: 335482

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

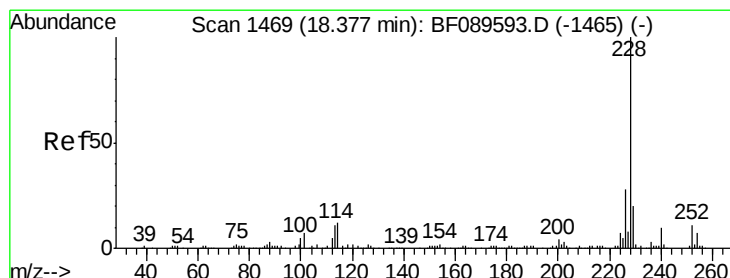
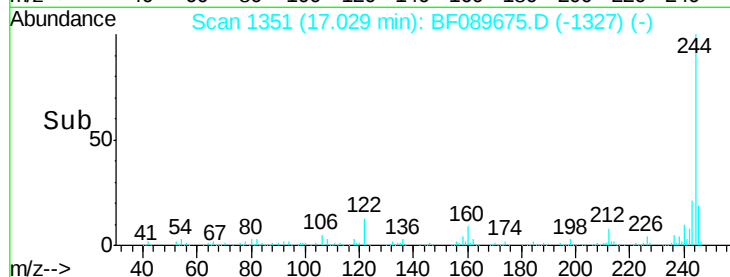
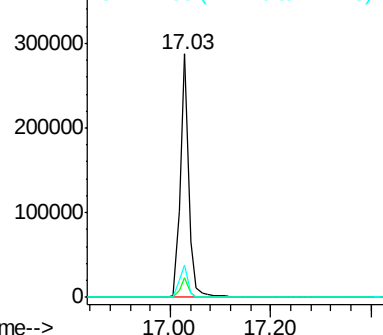
122 13.3 12.2 18.2



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



#80

Benzo(a)anthracene

Concen: 1.54 ng

RT: 18.35 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

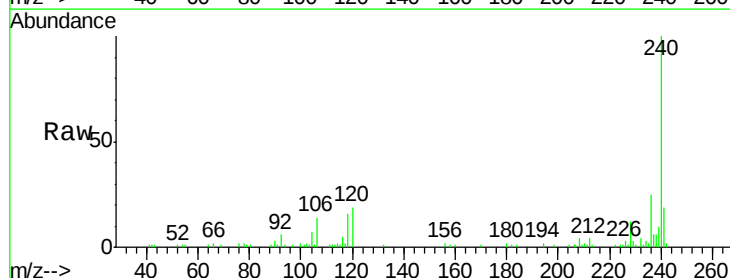
Tgt Ion:228 Resp: 8615

Ion Ratio Lower Upper

228 100

226 26.6 22.3 33.5

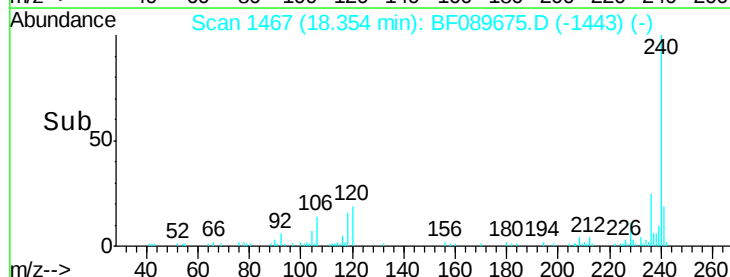
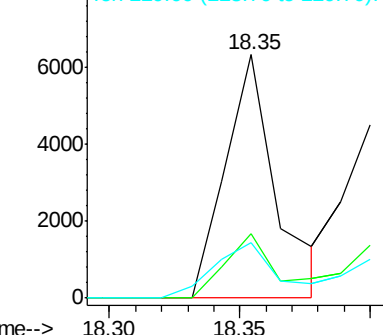
229 22.9 15.9 23.9

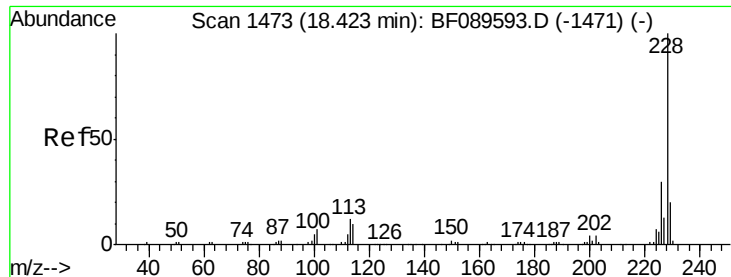


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 1.24 ng

RT: 18.40 min Scan# 1471

Delta R.T. -0.02 min

Lab File: BF089675.D

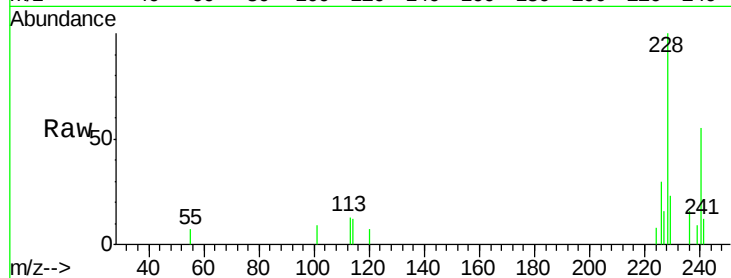
Acq: 8 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-35A-9-11



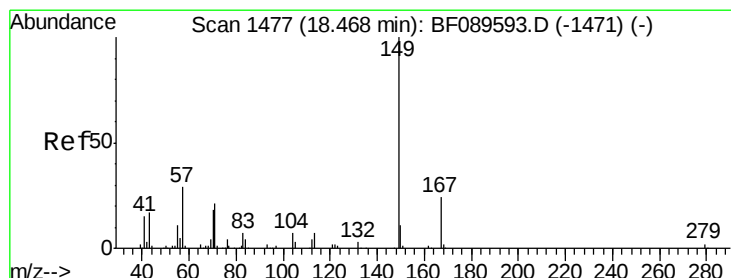
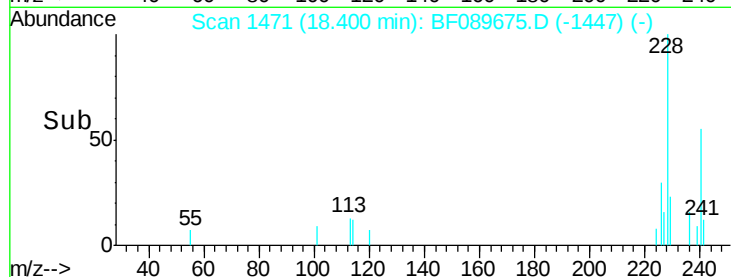
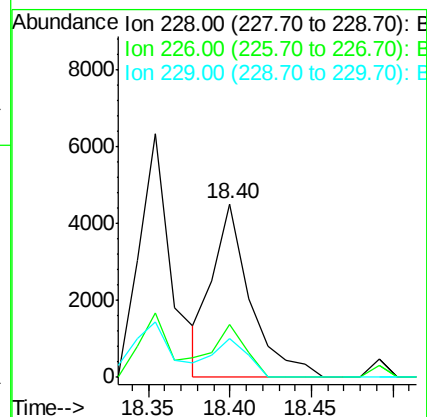
Tgt Ion: 228 Resp: 7323

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 22.5 16.0 24.0



#83

Bis(2-ethylhexyl)phthalate

Concen: 6.96 ng

RT: 18.45 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

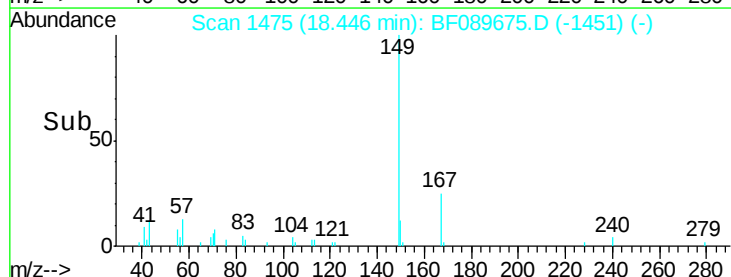
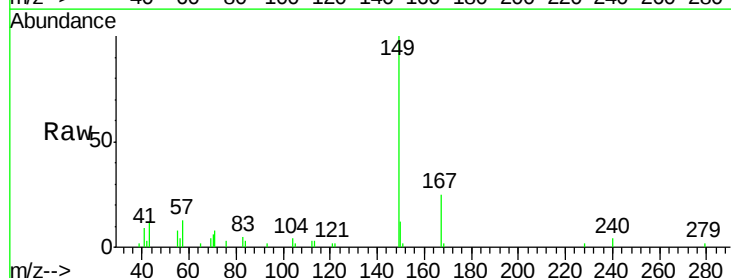
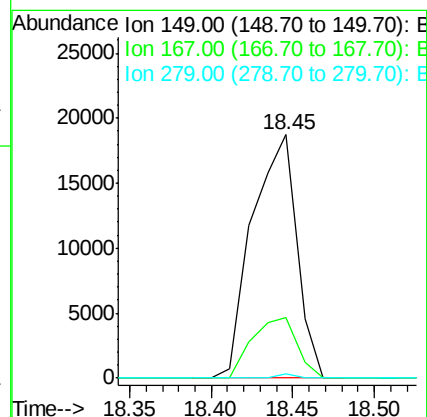
Tgt Ion: 149 Resp: 35363

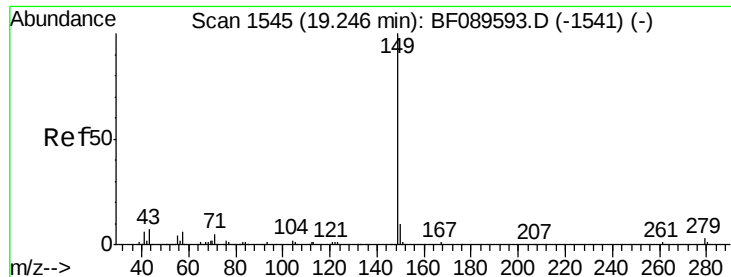
Ion Ratio Lower Upper

149 100

167 24.8 19.0 28.4

279 1.7 1.8 2.6#





#84

Di-n-octyl phthalate

Concen: 0.07 ng

RT: 19.22 min Scan# 1543

Delta R.T. -0.02 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-35A-9-11

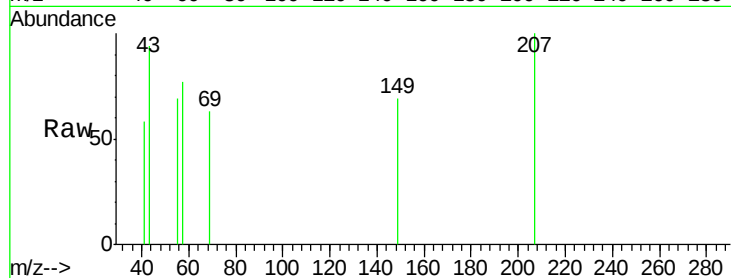
Tgt Ion:149 Resp: 522

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

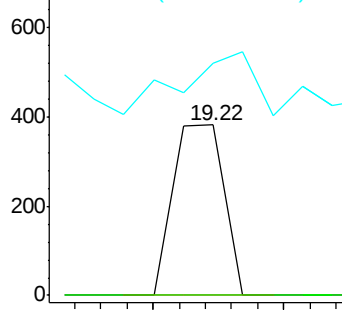
43 0.0 7.0 10.4#



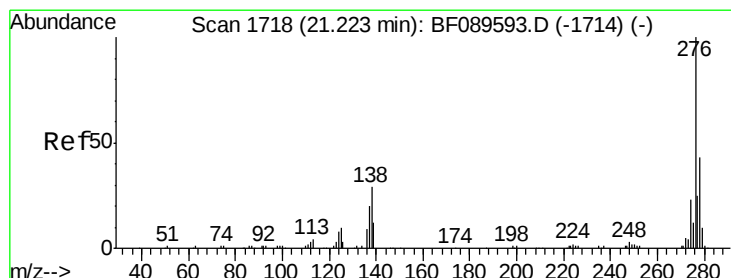
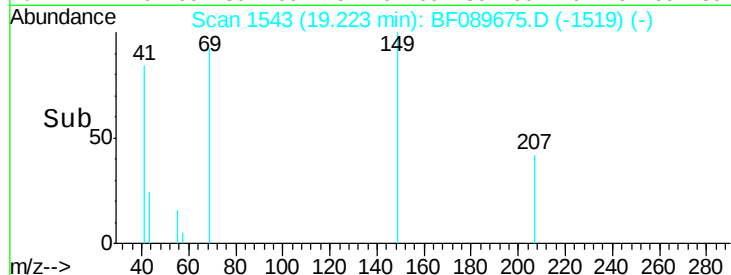
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.84 ng

RT: 21.21 min Scan# 1717

Delta R.T. -0.01 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

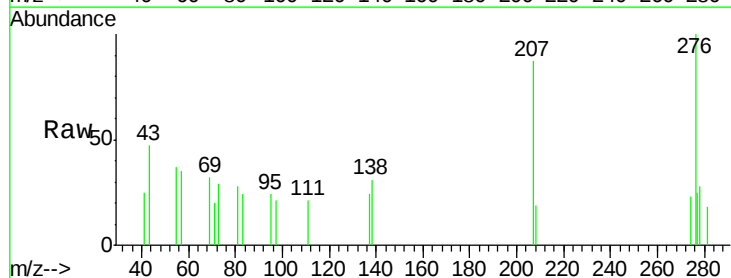
Tgt Ion:276 Resp: 3744

Ion Ratio Lower Upper

276 100

138 23.3 23.8 35.8#

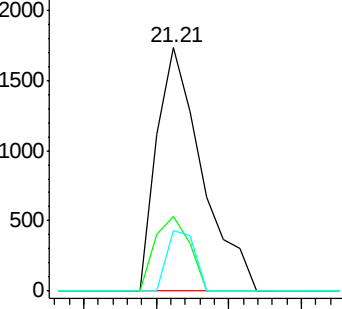
277 15.1 20.3 30.5#



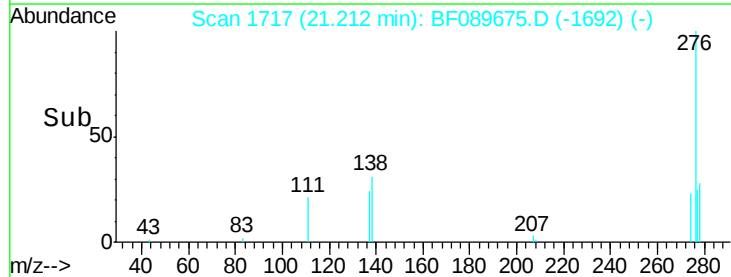
Abundance Ion 276.00 (275.70 to 276.70): E

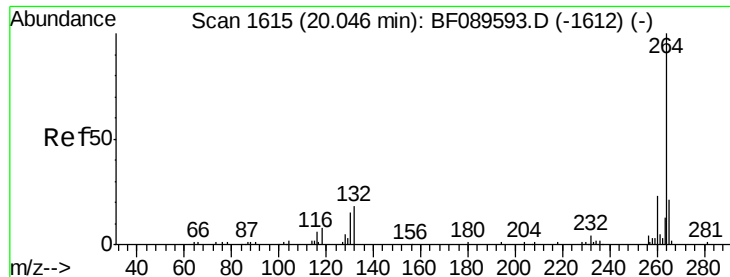
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->

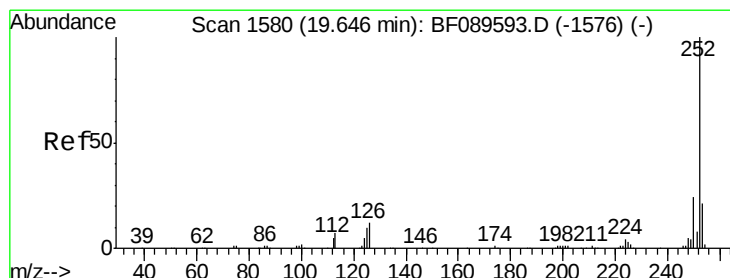
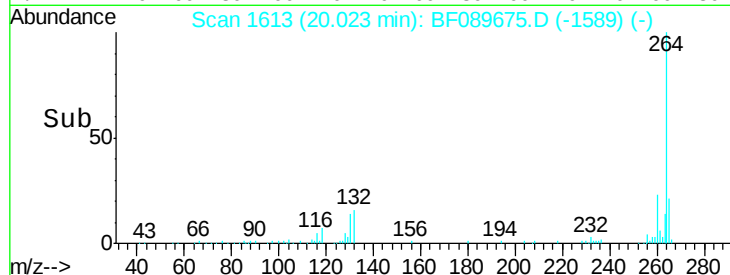
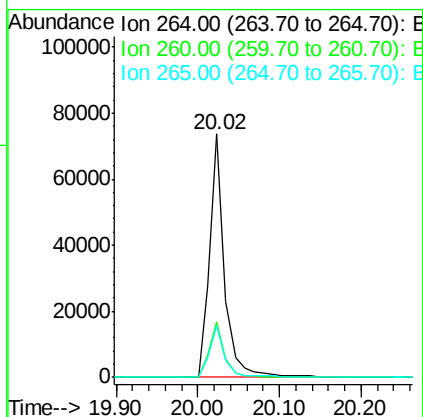
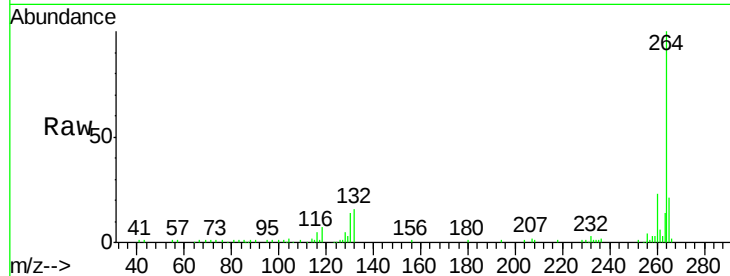




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

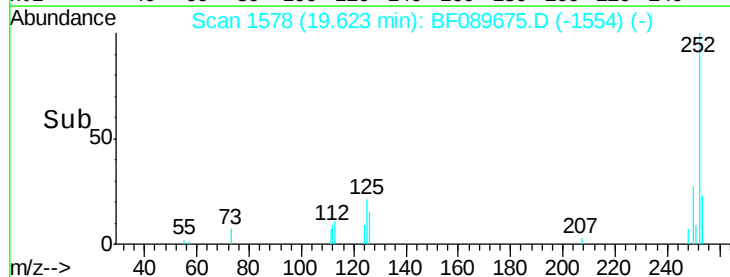
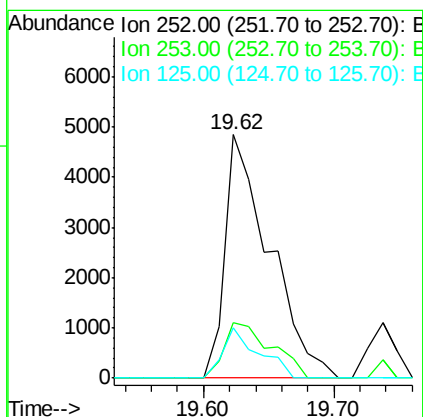
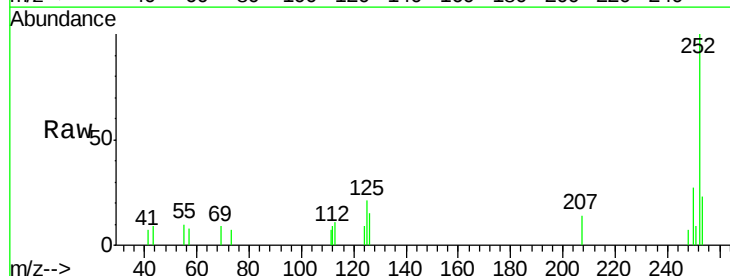
Instrument :
BNA_F
ClientSampleId :
LOCATION-35A-9-11

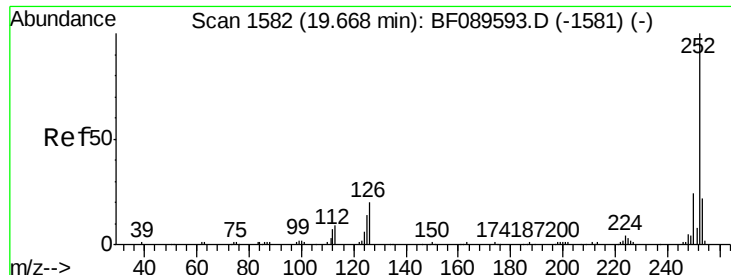
Tgt Ion: 264 Resp: 95326
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.0 16.5 24.7



#87
Benzo(b)fluoranthene
Concen: 1.96 ng
RT: 19.62 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

Tgt Ion: 252 Resp: 11509
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 20.9 7.8 11.8#





#88

Benzo(k)fluoranthene

Concen: 1.95 ng

RT: 19.62 min Scan# 1578

Delta R.T. -0.05 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

Instrument :

BNA_F

ClientSampleId :

LOCATION-35A-9-11

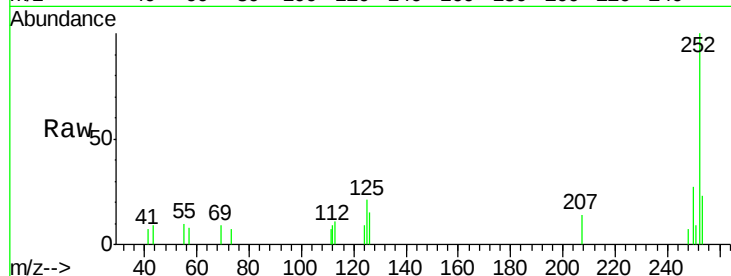
Tgt Ion:252 Resp: 11509

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

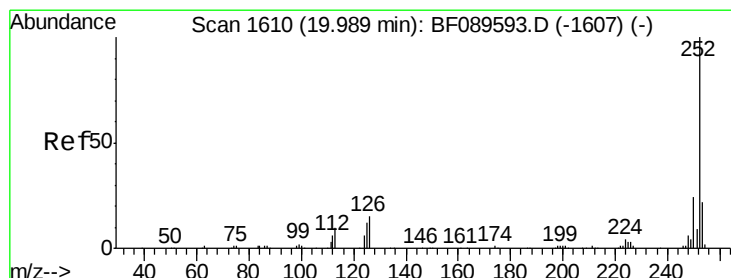
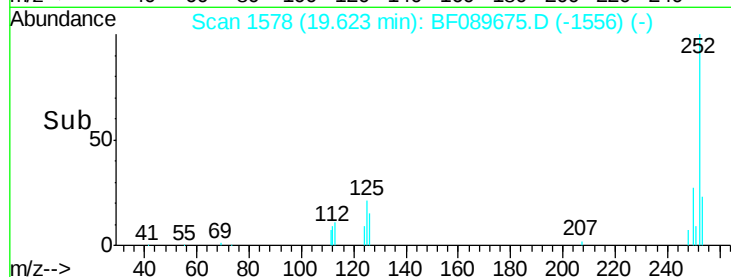
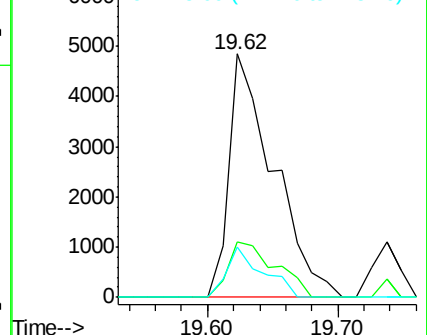
125 20.9 11.0 16.6#



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



#89

Benzo(a)pyrene

Concen: 1.34 ng

RT: 19.98 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BF089675.D

Acq: 8 Aug 2016 22:56

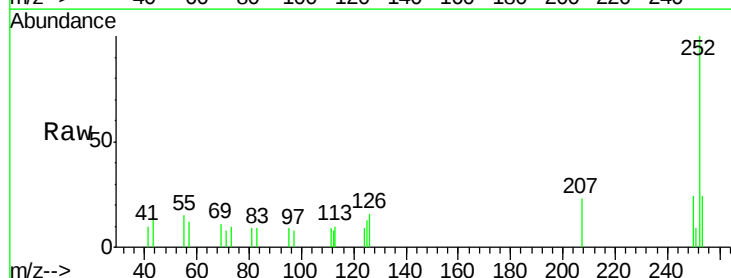
Tgt Ion:252 Resp: 7332

Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.0

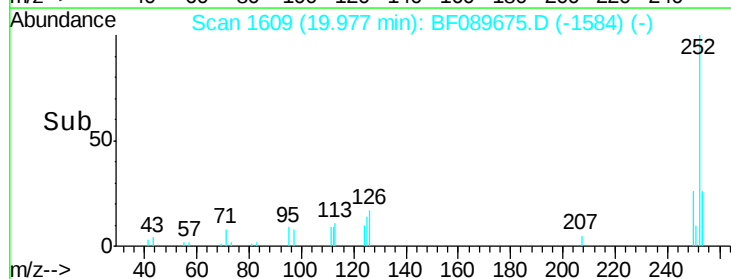
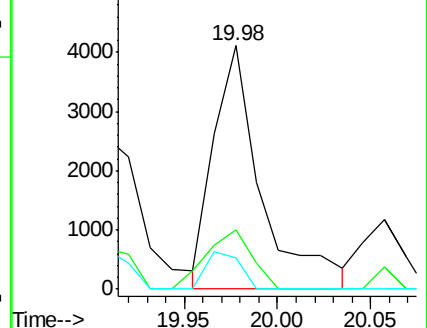
125 12.9 9.9 14.9

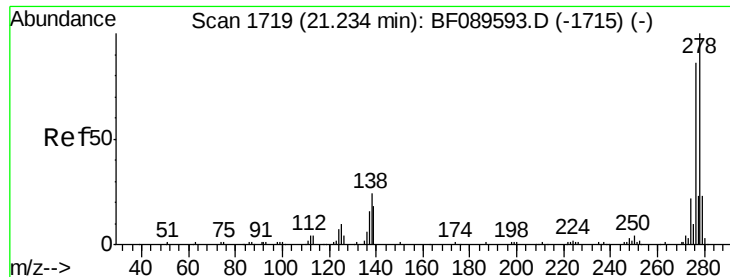


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

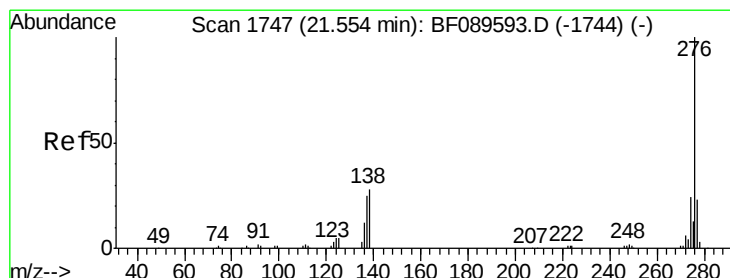
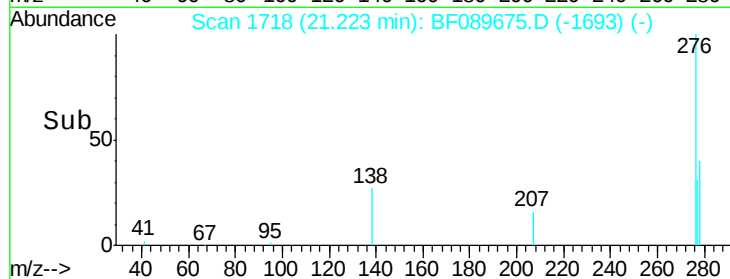
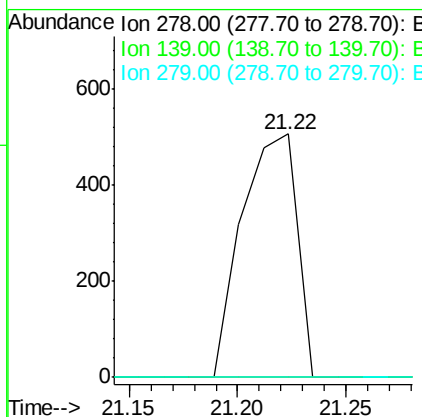
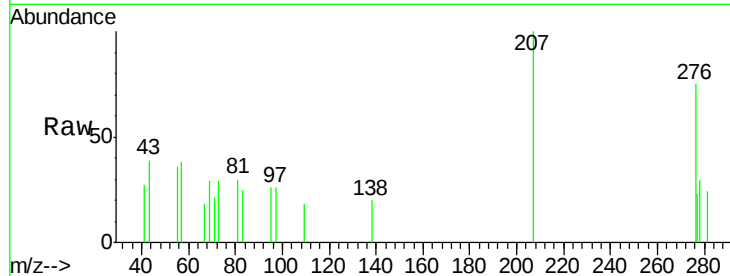




#90
Dibenzo(a,h)anthracene
Concen: 0.17 ng
RT: 21.22 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

Instrument :
BNA_F
ClientSampleId :
LOCATION-35A-9-11

Tgt Ion: 278 Resp: 893
Ion Ratio Lower Upper
278 100
139 0.0 14.6 21.8#
279 0.0 18.4 27.6#



#91
Benzo(g,h,i)perylene
Concen: 0.60 ng
RT: 21.54 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BF089675.D
Acq: 8 Aug 2016 22:56

Tgt Ion: 276 Resp: 3176
Ion Ratio Lower Upper
276 100
277 25.4 18.6 28.0
138 26.3 22.6 33.8

