

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085495.D
 Acq On : 17 Mar 2016 7:08
 Operator : UM/SJ
 Sample : H1768-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AG-1A

Quant Time: Mar 17 07:07:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

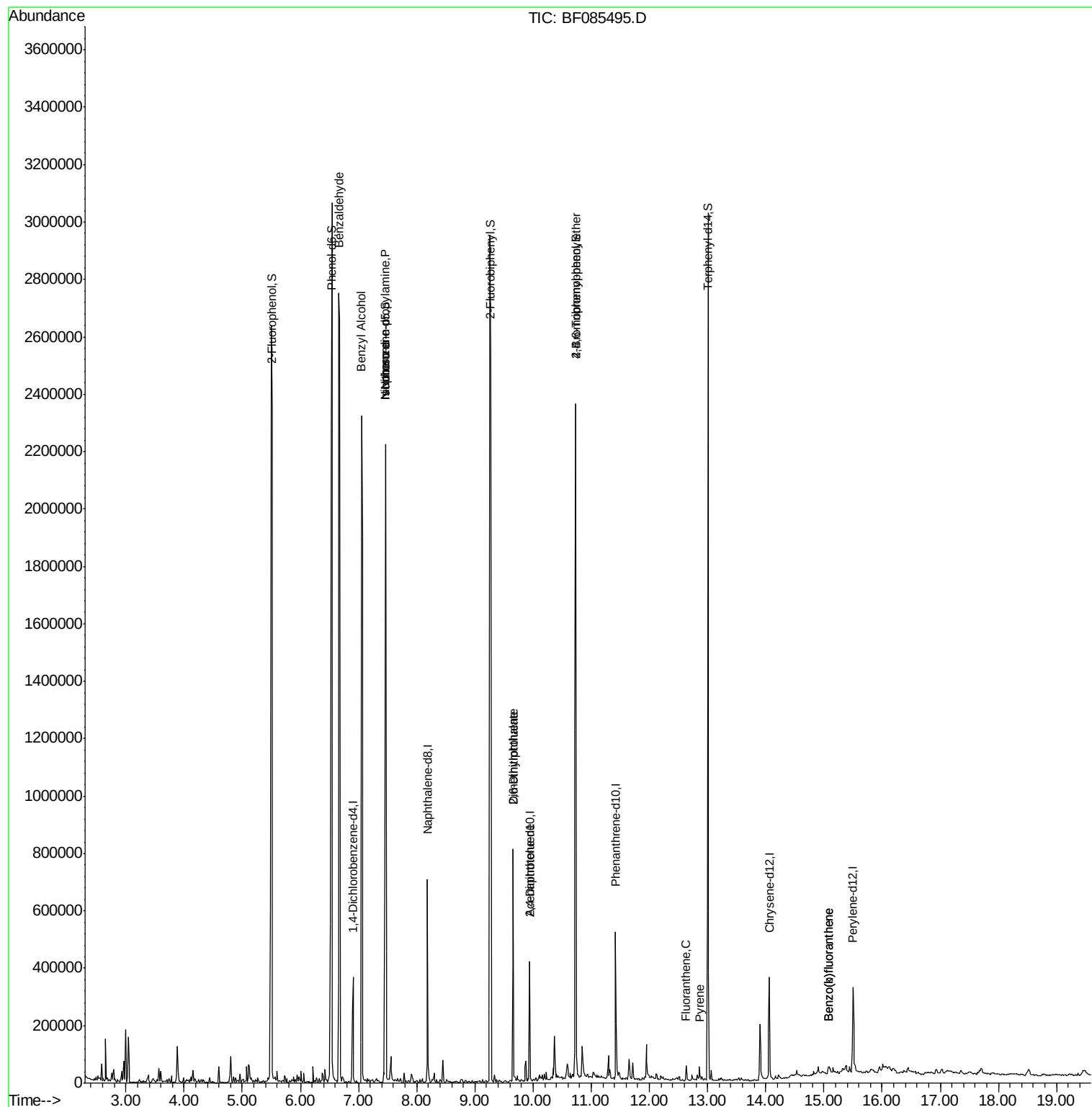
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	70169	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	291601	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	117315	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	196644	20.00	ng	-0.02
75) Chrysene-d12	14.06	240	123796	20.00	ng	-0.02
86) Perylene-d12	15.50	264	134609	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1203247	294.76	ng	0.00
7) Phenol-d6	6.54	99	1582446	298.85	ng	-0.01
23) Nitrobenzene-d5	7.46	82	840101	170.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	341517	316.06	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	1374899	203.32	ng	-0.01
78) Terphenyl-d14	13.01	244	892667	163.12	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	25558	8.64	ng	Qvalue 84
15) Benzyl Alcohol	7.05	79	14109	3.73	ng	# 49
19) n-Nitroso-di-n-propylamine	7.46	70	111761	35.25	ng	# 77
25) Isophorone	7.46	82	665144	66.14	ng	# 67
49) Dimethylphthalate	9.66	163	388411	45.38	ng	99
50) 2,6-Dinitrotoluene	9.66	165	4133	2.19	ng	# 35
56) 2,4-Dinitrotoluene	9.94	165	15227	6.42	ng	# 20
66) 4-Bromophenyl-phenylether	10.73	248	23491	11.80	ng	# 1
74) Fluoranthene	12.63	202	20822	2.16	ng	98
77) Pyrene	12.86	202	18934	2.04	ng	98
87) Benzo(b)fluoranthene	15.09	252	19036	2.17	ng	97
88) Benzo(k)fluoranthene	15.09	252	19036	2.76	ng	96

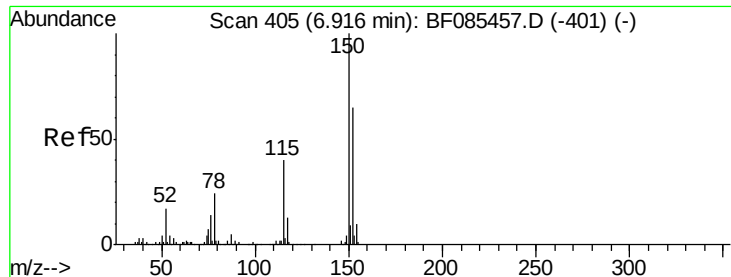
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085495.D

Acq: 17 Mar 2016 7:08

Instrument :

BNA_F

ClientSampleId :

AG-1A

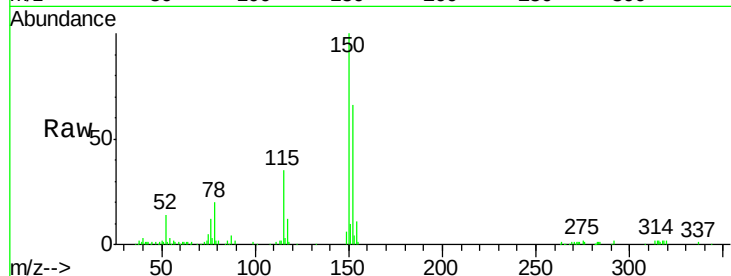
Tgt Ion:152 Resp: 70169

Ion Ratio Lower Upper

152 100

150 151.6 124.6 186.8

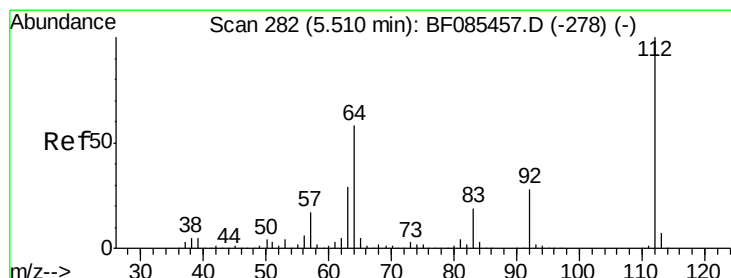
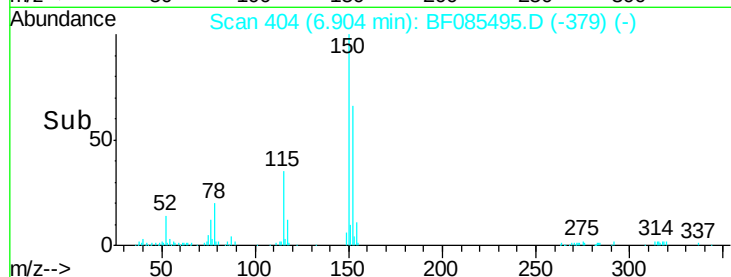
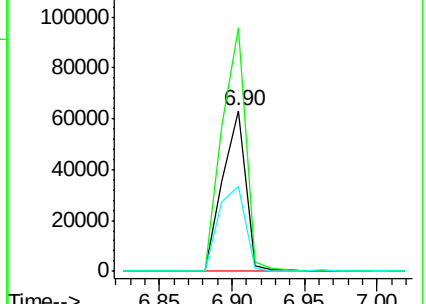
115 52.9 46.6 70.0



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: 294.76 ng

RT: 5.51 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF085495.D

Acq: 17 Mar 2016 7:08

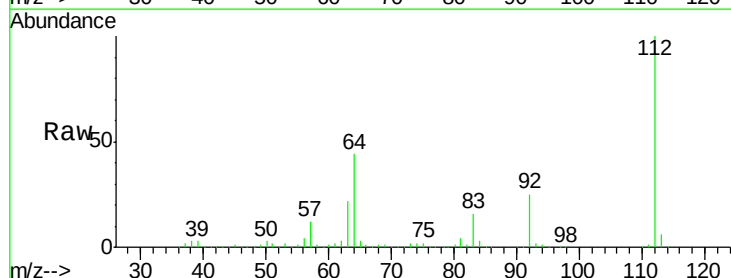
Tgt Ion:112 Resp: 1203247

Ion Ratio Lower Upper

112 100

64 43.7 49.0 73.4#

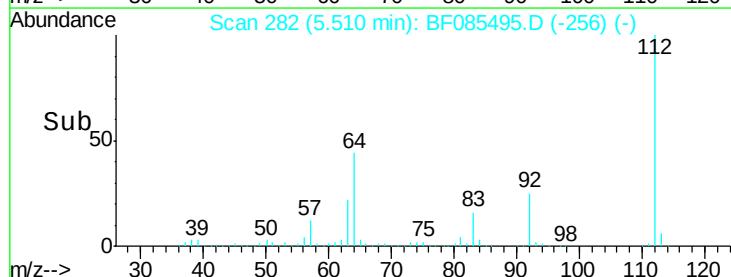
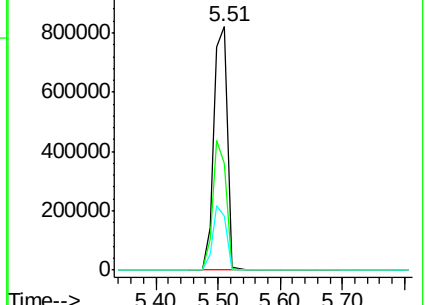
63 22.2 24.8 37.2#

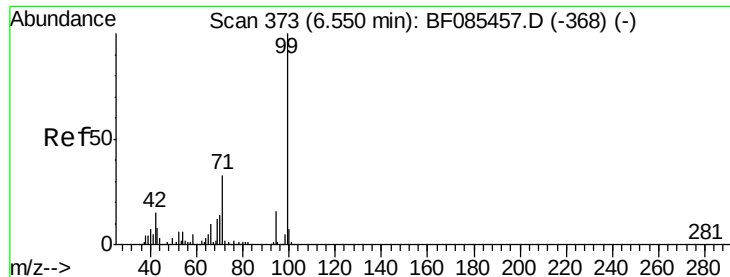


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 298.85 ng

RT: 6.54 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF085495.D

Acq: 17 Mar 2016 7:08

Instrument :

BNA_F

ClientSampleId :

AG-1A

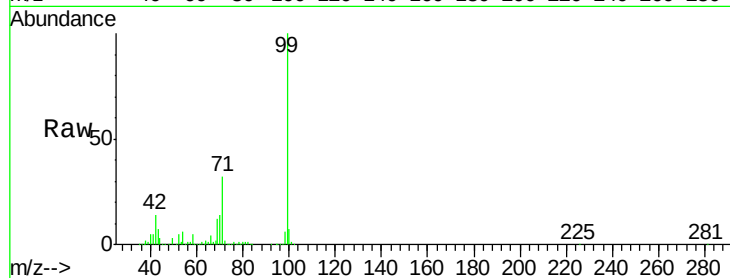
Tgt Ion: 99 Resp: 1582446

Ion Ratio Lower Upper

99 100

42 13.9 13.6 20.4

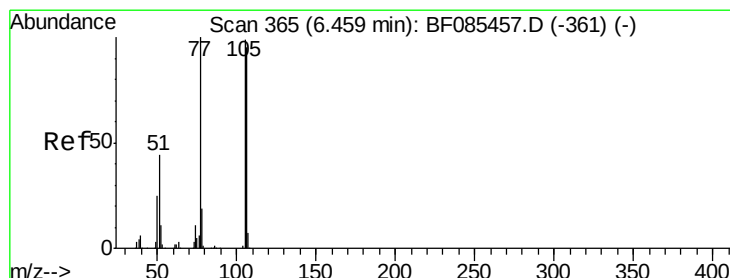
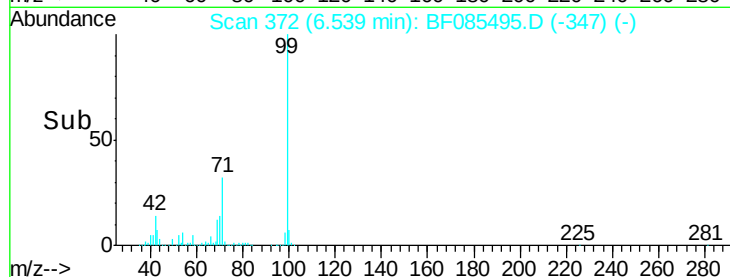
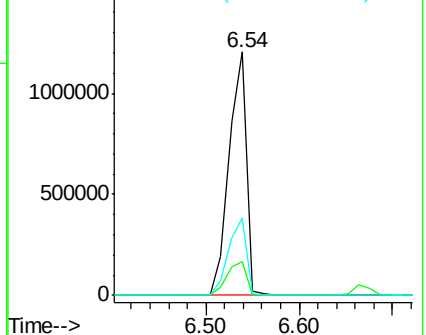
71 31.9 26.7 40.1



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: 8.64 ng

RT: 6.66 min Scan# 383

Delta R.T. 0.21 min

Lab File: BF085495.D

Acq: 17 Mar 2016 7:08

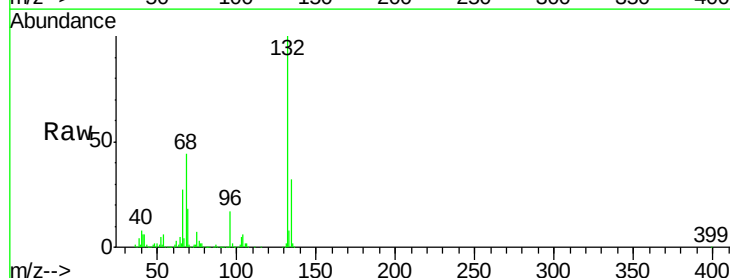
Tgt Ion: 77 Resp: 25558

Ion Ratio Lower Upper

77 100

105 81.3 78.2 118.2

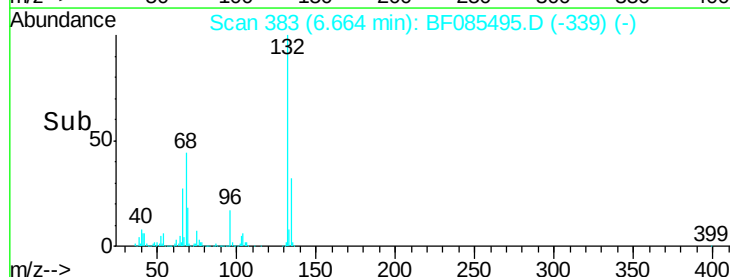
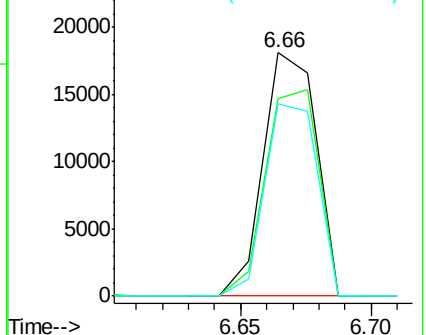
106 78.9 72.9 112.9

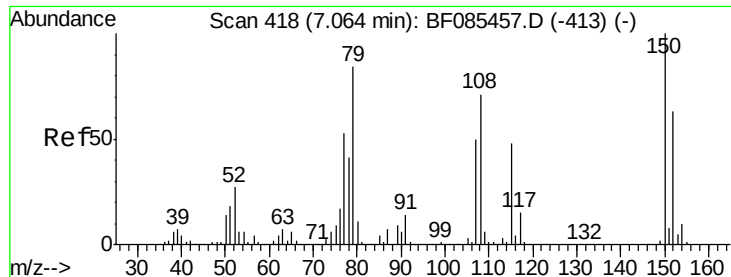


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

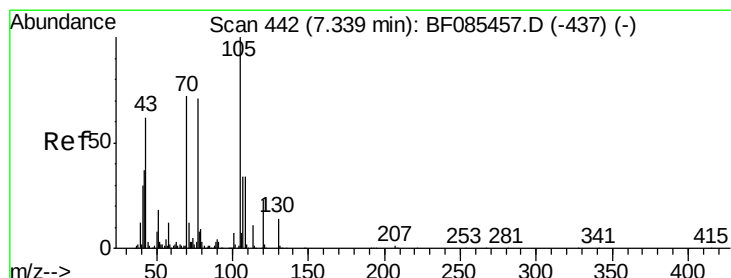
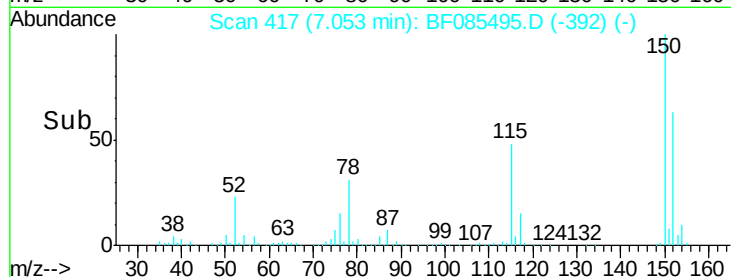
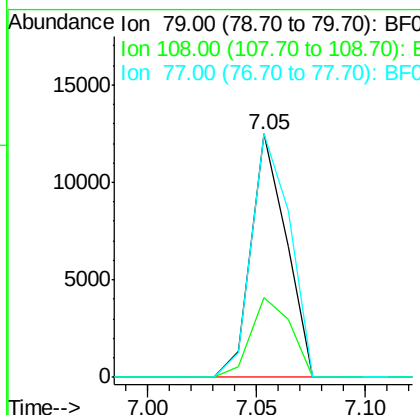
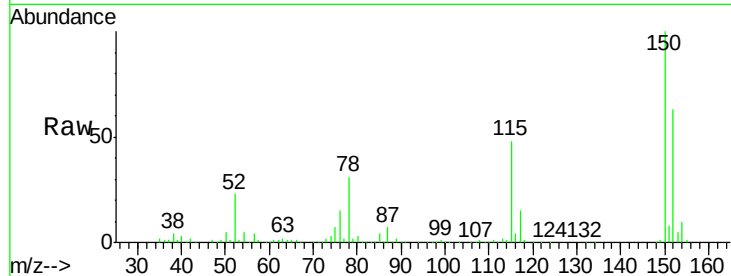




#15
Benzyl Alcohol
Concen: 3.73 ng
RT: 7.05 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF085495.D
Acq: 17 Mar 2016 7:08

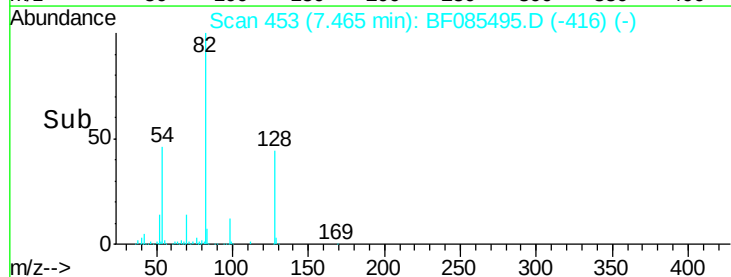
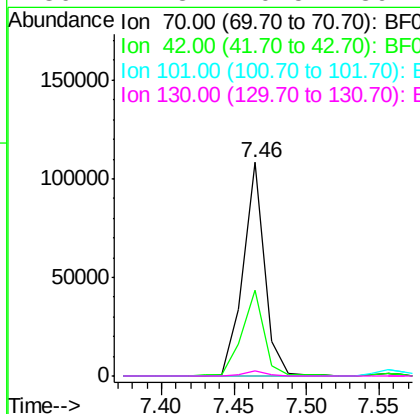
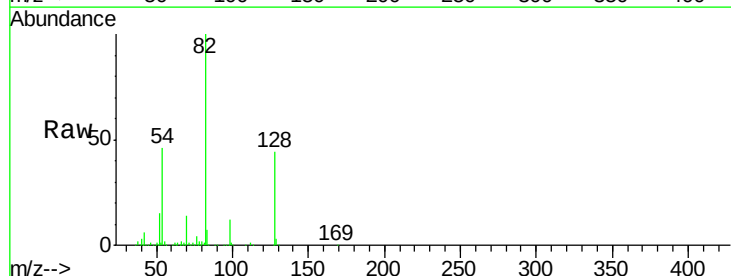
Instrument :
BNA_F
ClientSampleId :
AG-1A

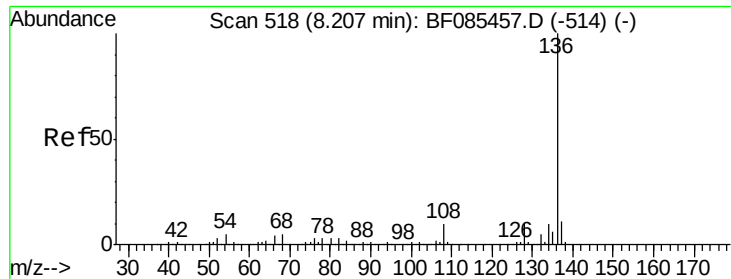
Tgt Ion: 79 Resp: 14109
Ion Ratio Lower Upper
79 100
108 32.6 62.9 94.3#
77 100.2 49.5 74.3#



#19
n-Nitroso-di-n-propylamine
Concen: 35.25 ng
RT: 7.46 min Scan# 453
Delta R.T. 0.13 min
Lab File: BF085495.D
Acq: 17 Mar 2016 7:08

Tgt Ion: 70 Resp: 111761
Ion Ratio Lower Upper
70 100
42 40.3 37.7 56.5
101 0.0 8.2 12.4#
130 2.3 20.5 30.7#

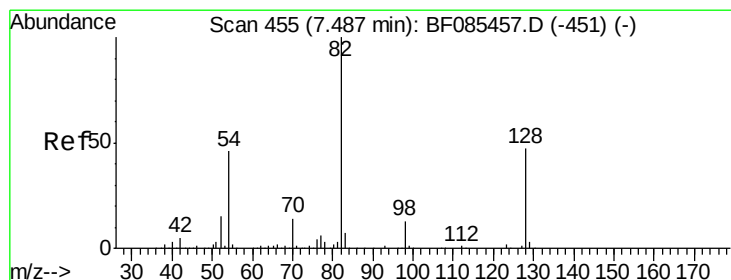
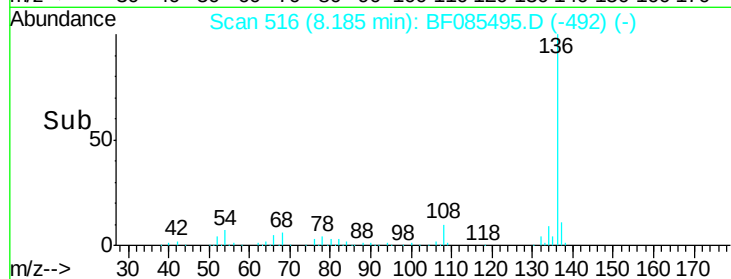
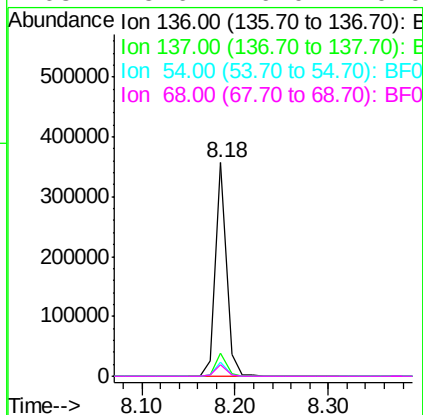
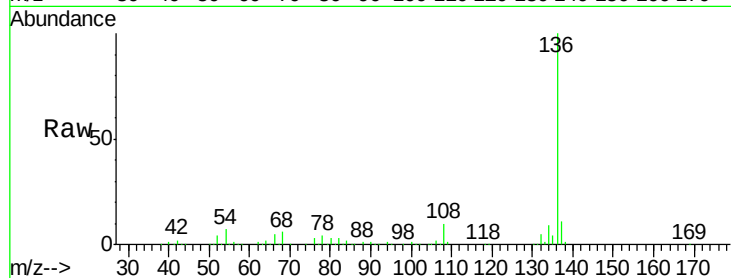




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085495.D
Acq: 17 Mar 2016 7:08

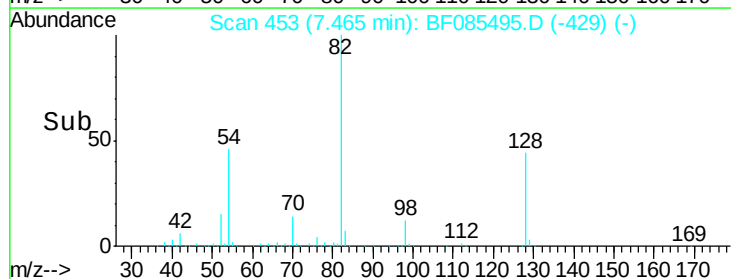
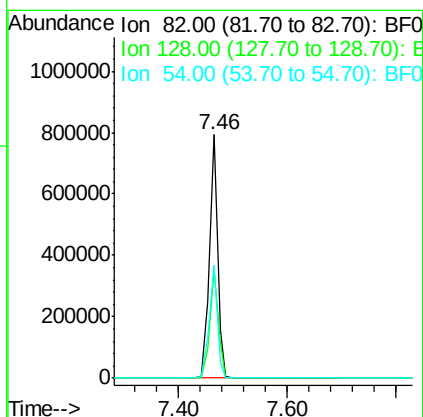
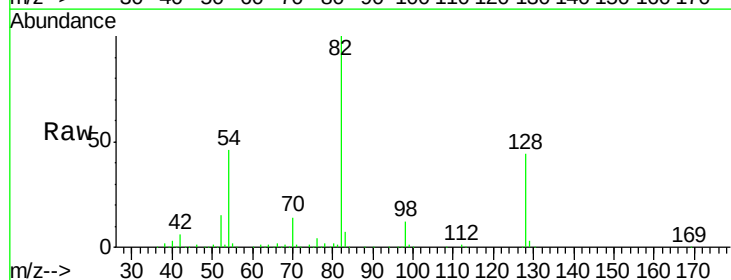
Instrument :
BNA_F
ClientSampleId :
AG-1A

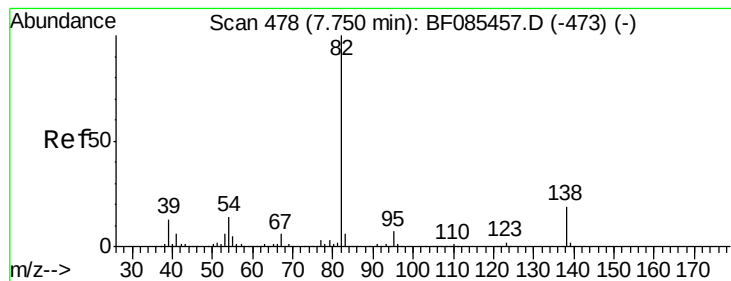
Tgt Ion:	136	Resp:	291601
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.9	7.4	11.2#
68	5.6	6.0	9.0#



#23
Nitrobenzene-d5
Concen: 170.34 ng
RT: 7.46 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF085495.D
Acq: 17 Mar 2016 7:08

Tgt Ion:	82	Resp:	840101
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.5	51.7
54	46.4	39.3	58.9





#25

Isophorone

Concen: 66.14 ng

RT: 7.46 min Scan# 453

Delta R.T. -0.29 min

Lab File: BF085495.D

Acq: 17 Mar 2016 7:08

Instrument :

BNA_F

ClientSampleId :

AG-1A

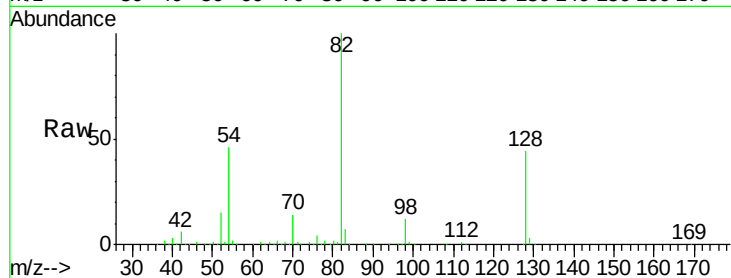
Tgt Ion: 82 Resp: 665144

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

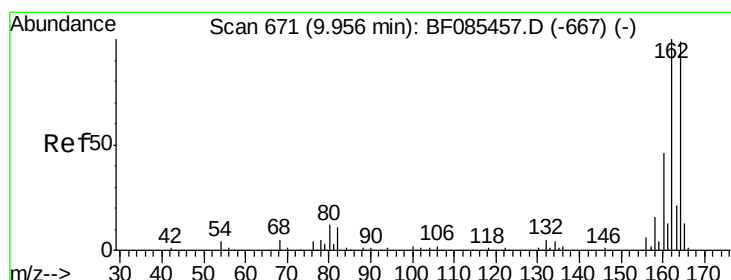
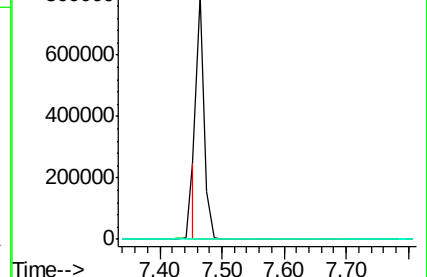
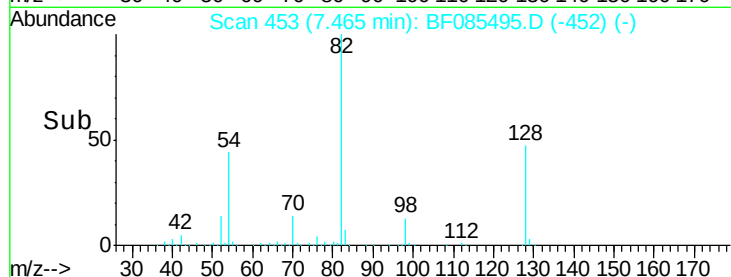
138 0.0 13.3 19.9#



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: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF085495.D

Acq: 17 Mar 2016 7:08

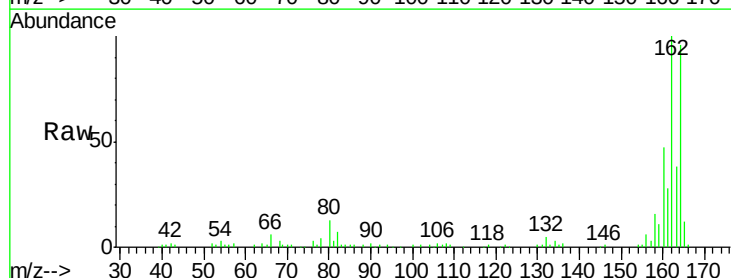
Tgt Ion: 164 Resp: 117315

Ion Ratio Lower Upper

164 100

162 104.3 83.3 124.9

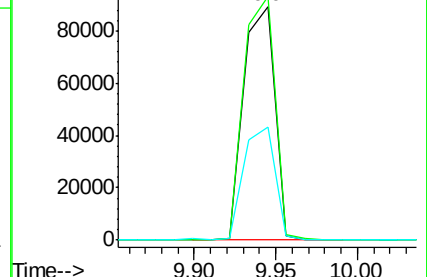
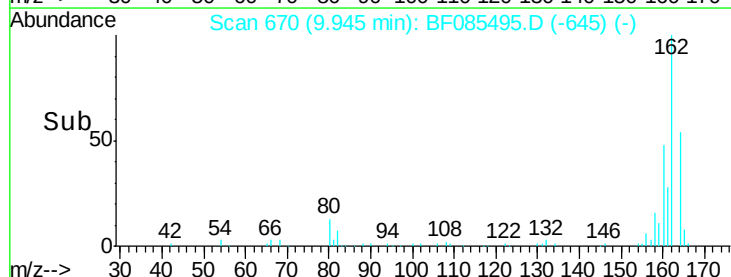
160 48.5 37.9 56.9

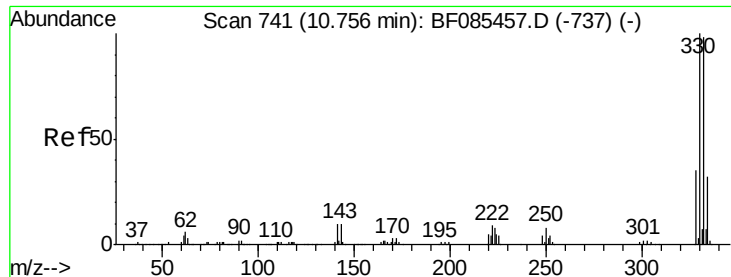


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

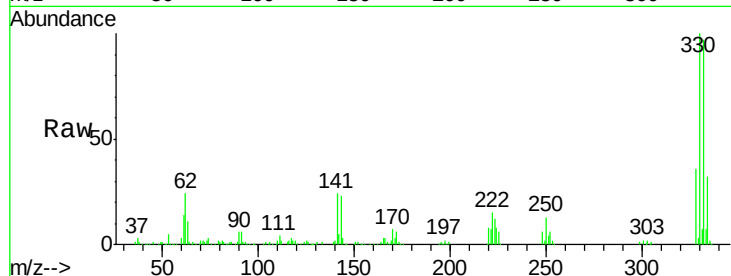




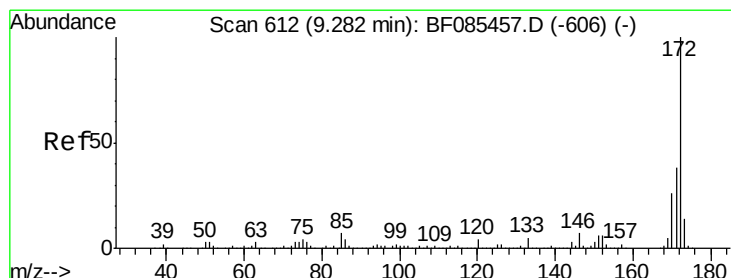
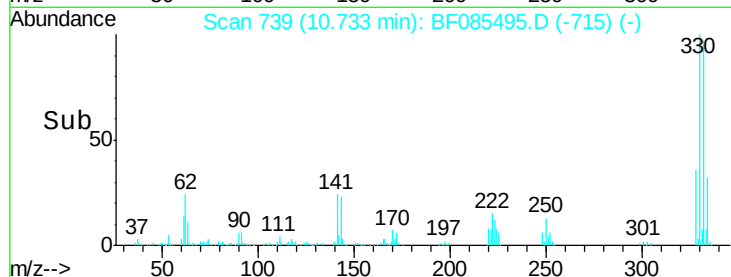
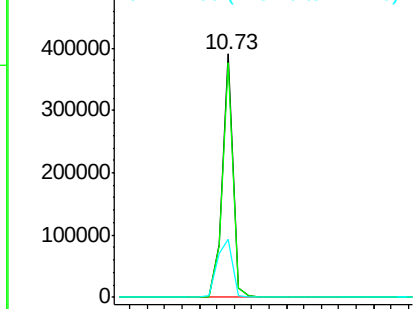
#41
 2,4,6-Tribromophenol
 Concen: 316.06 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF085495.D
 Acq: 17 Mar 2016 7:08

Instrument :
 BNA_F
 ClientSampleId :
 AG-1A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	34.9	35.0	52.6#

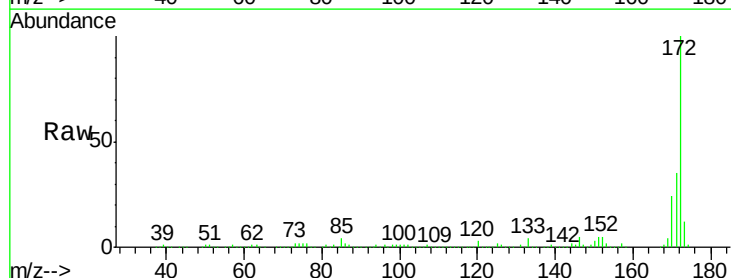


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

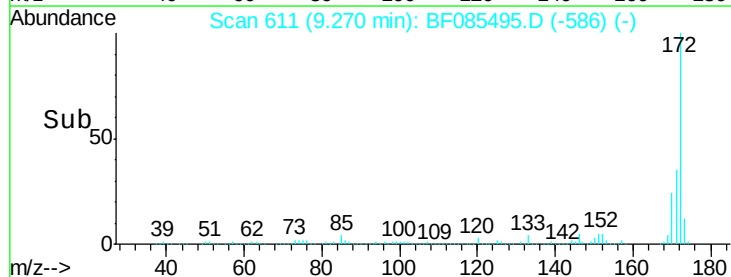
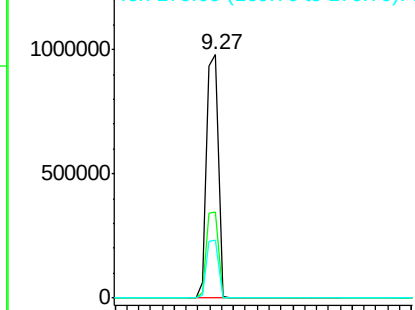


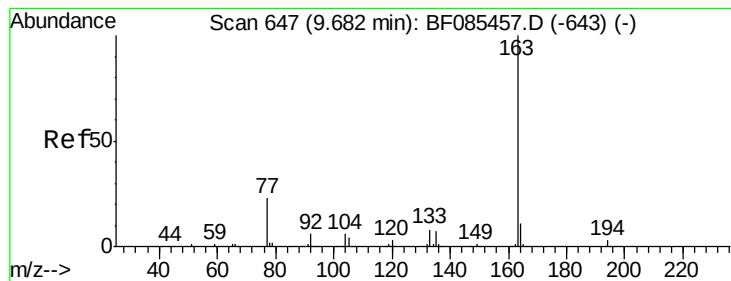
#44
 2-Fluorobiphenyl
 Concen: 203.32 ng
 RT: 9.27 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF085495.D
 Acq: 17 Mar 2016 7:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.3	43.9
170	23.9	20.0	30.0



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





#49

Dimethylphthalate

Concen: 45.38 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF085495.D

Acq: 17 Mar 2016 7:08

Instrument :

BNA_F

ClientSampleId :

AG-1A

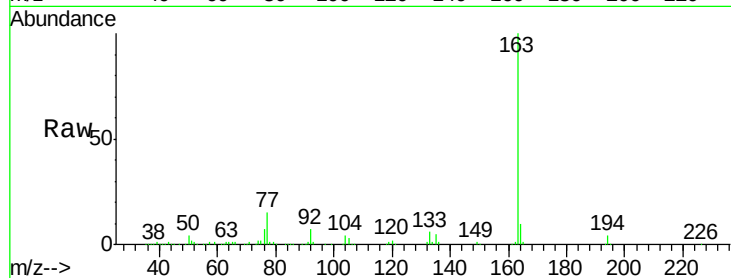
Tgt Ion:163 Resp: 388411

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

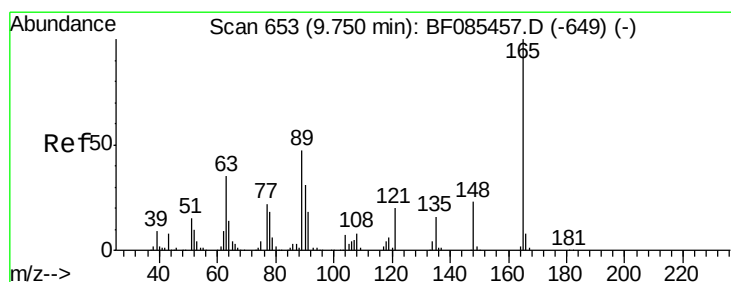
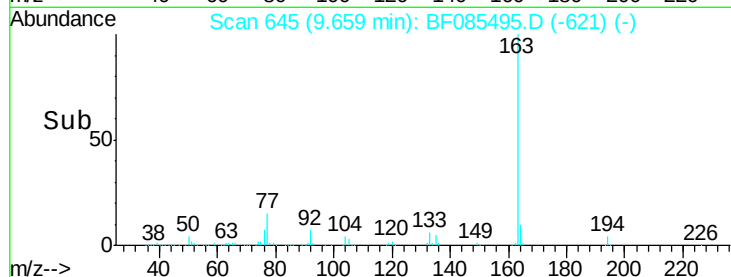
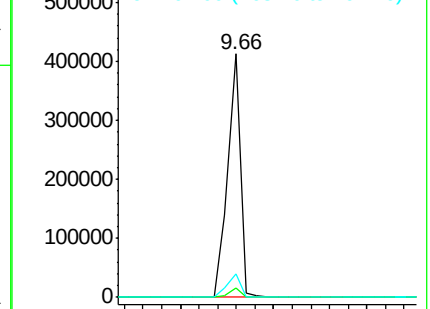
164 9.8 8.2 12.4



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: 2.19 ng

RT: 9.66 min Scan# 645

Delta R.T. -0.09 min

Lab File: BF085495.D

Acq: 17 Mar 2016 7:08

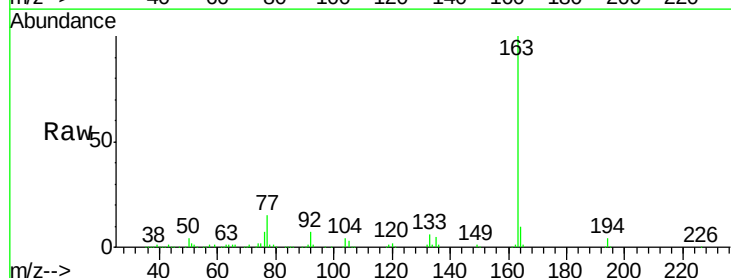
Tgt Ion:165 Resp: 4133

Ion Ratio Lower Upper

165 100

63 102.5 41.8 62.8#

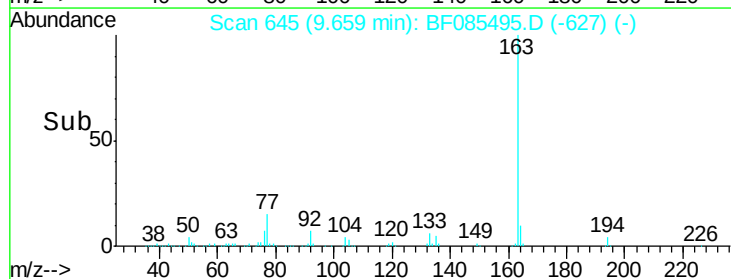
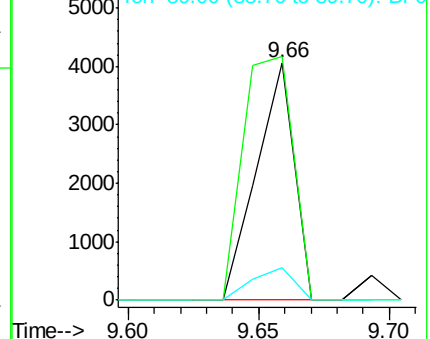
89 13.5 46.7 70.1#

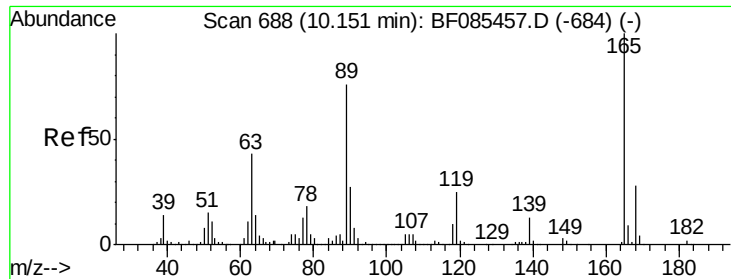


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

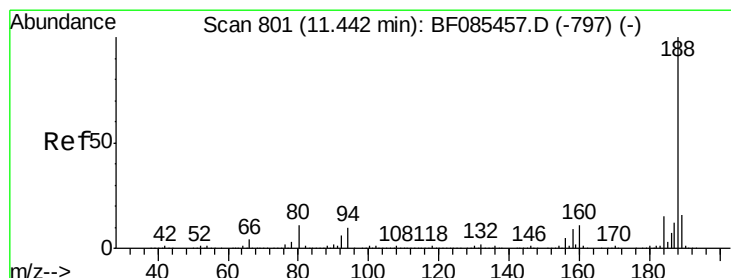
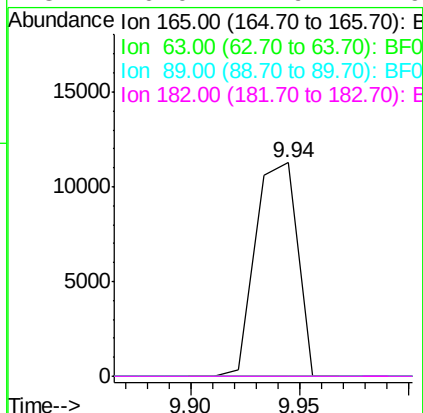
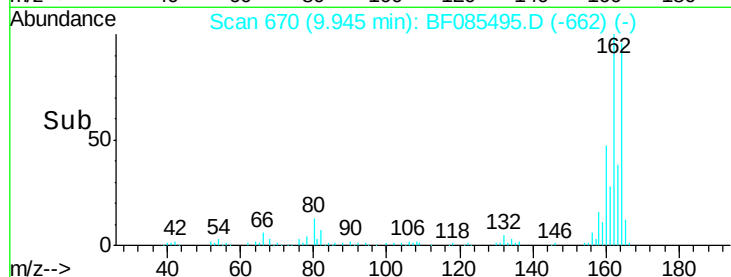
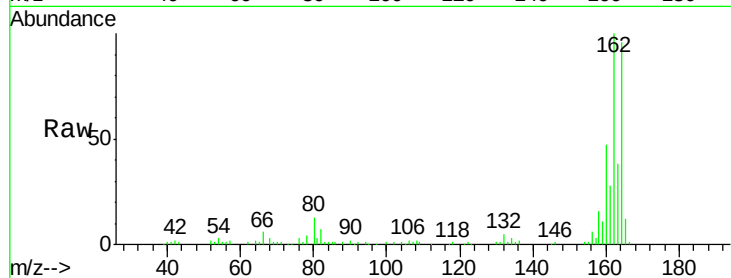




#56
 2,4-Dinitrotoluene
 Concen: 6.42 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.21 min
 Lab File: BF085495.D
 Acq: 17 Mar 2016 7:08

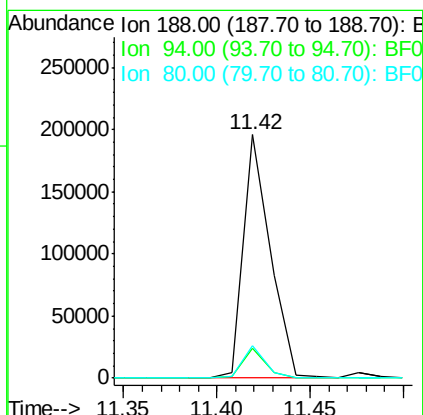
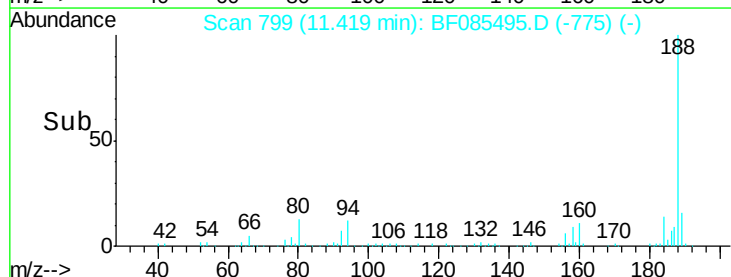
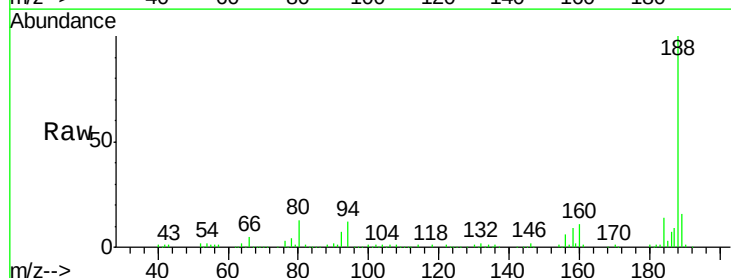
Instrument :
 BNA_F
 ClientSampleId :
 AG-1A

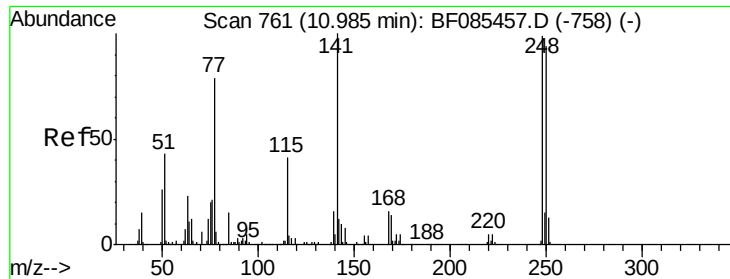
Tgt Ion:	165	Resp:	15227
Ion Ratio	Lower	Upper	
165	100		
63	0.0	35.4	53.0#
89	0.0	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF085495.D
 Acq: 17 Mar 2016 7:08

Tgt Ion:	188	Resp:	196644
Ion Ratio	Lower	Upper	
188	100		
94	12.1	7.0	10.6#
80	13.2	7.4	11.0#

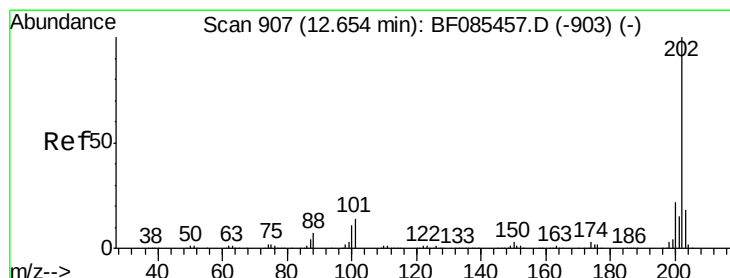
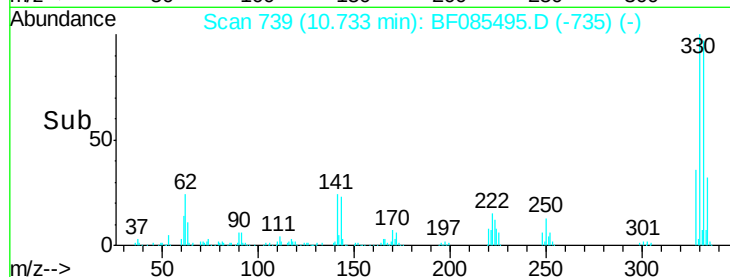
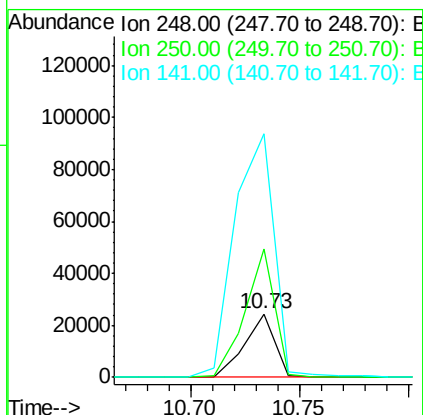
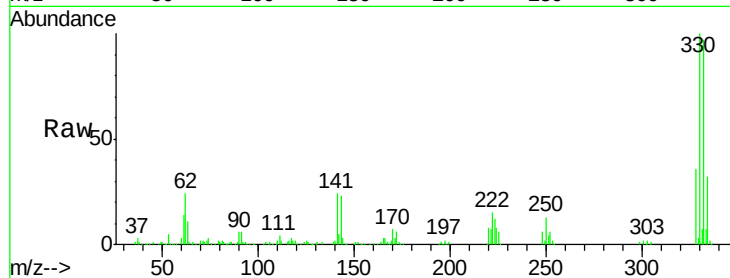




#66
 4-Bromophenyl-phenylether
 Concen: 11.80 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.25 min
 Lab File: BF085495.D
 Acq: 17 Mar 2016 7:08

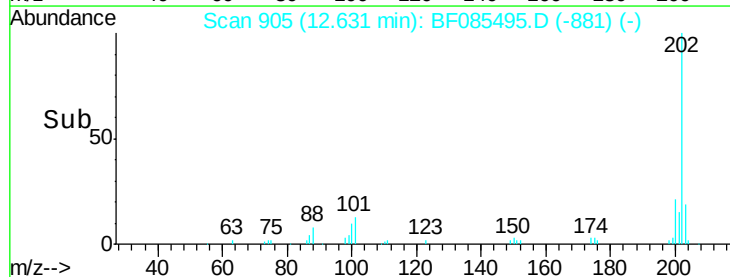
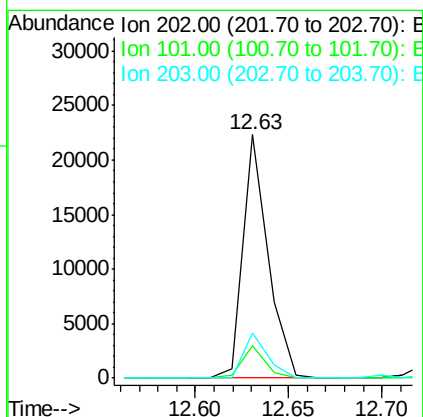
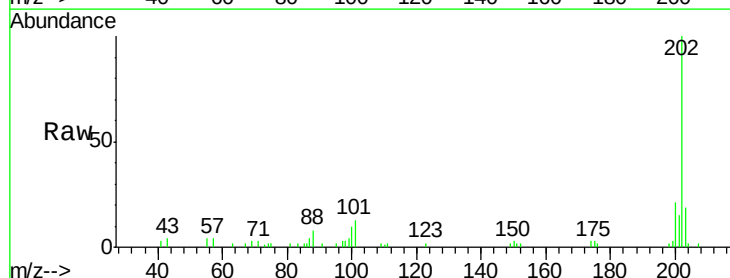
Instrument :
 BNA_F
 ClientSampleId :
 AG-1A

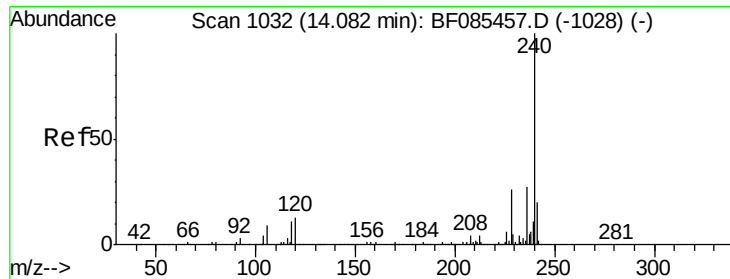
Tgt Ion:248 Resp: 23491
 Ion Ratio Lower Upper
 248 100
 250 202.4 77.1 115.7#
 141 384.1 66.2 99.2#



#74
 Fluoranthene
 Concen: 2.16 ng
 RT: 12.63 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BF085495.D
 Acq: 17 Mar 2016 7:08

Tgt Ion:202 Resp: 20822
 Ion Ratio Lower Upper
 202 100
 101 13.4 0.0 31.8
 203 18.7 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF085495.D

Acq: 17 Mar 2016 7:08

Instrument :

BNA_F

ClientSampleId :

AG-1A

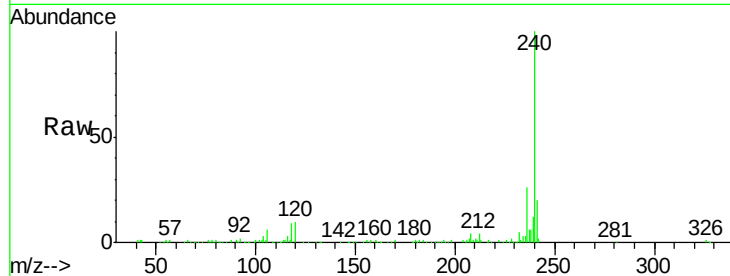
Tgt Ion:240 Resp: 123796

Ion Ratio Lower Upper

240 100

120 9.6 5.3 7.9#

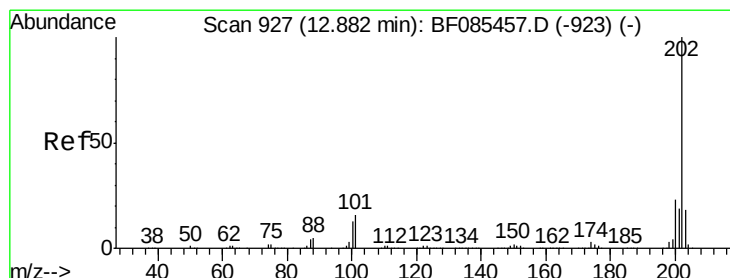
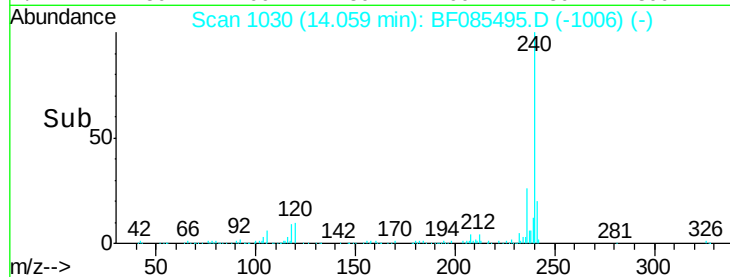
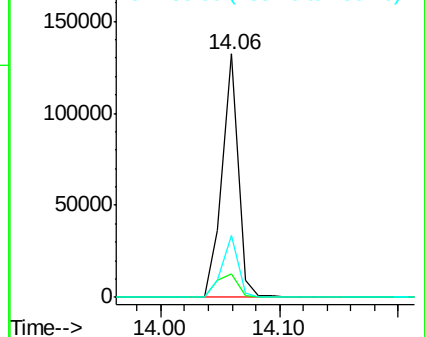
236 25.5 20.7 31.1



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: 2.04 ng

RT: 12.86 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF085495.D

Acq: 17 Mar 2016 7:08

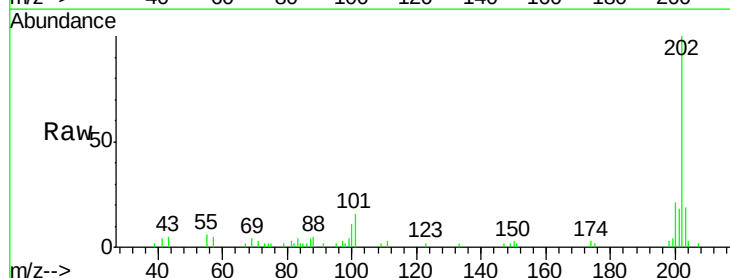
Tgt Ion:202 Resp: 18934

Ion Ratio Lower Upper

202 100

200 21.0 18.2 27.4

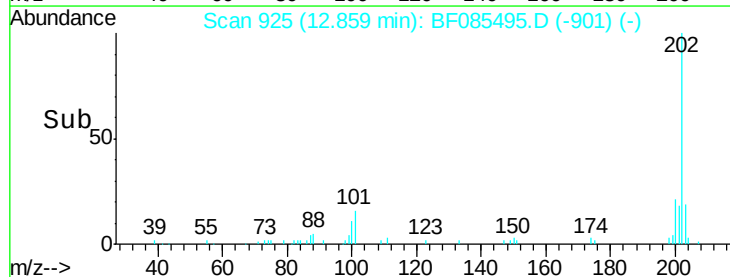
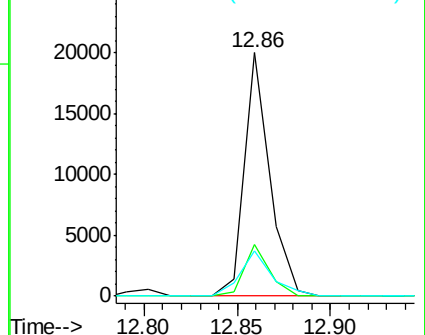
203 18.8 14.7 22.1

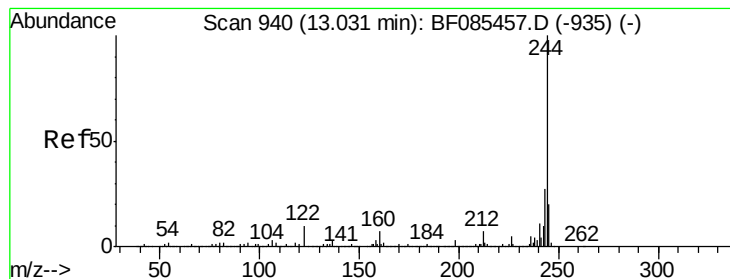


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 163.12 ng

RT: 13.01 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF085495.D

Acq: 17 Mar 2016 7:08

Instrument :

BNA_F

ClientSampleId :

AG-1A

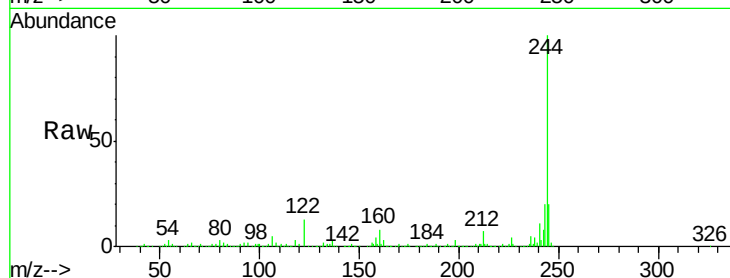
Tgt Ion:244 Resp: 892667

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

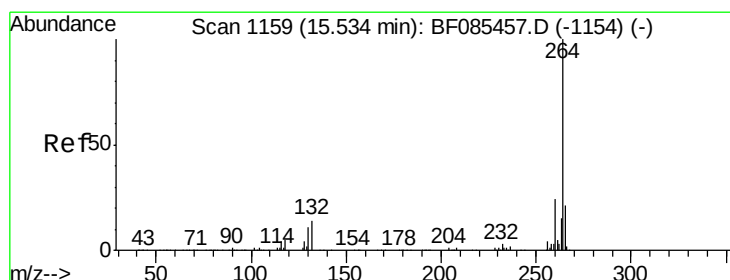
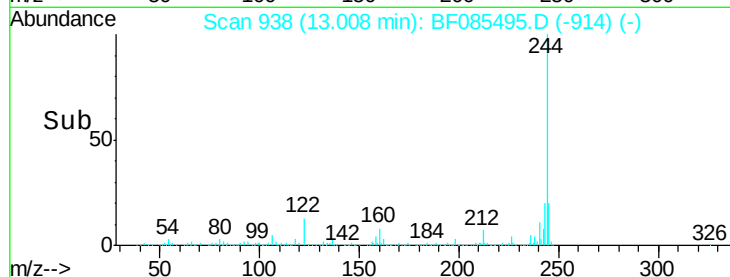
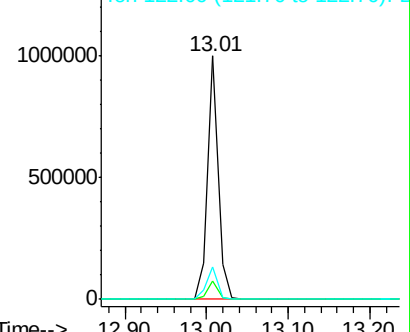
122 13.5 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 1156

Delta R.T. -0.03 min

Lab File: BF085495.D

Acq: 17 Mar 2016 7:08

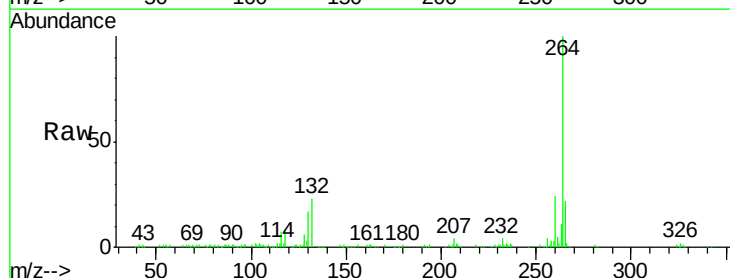
Tgt Ion:264 Resp: 134609

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

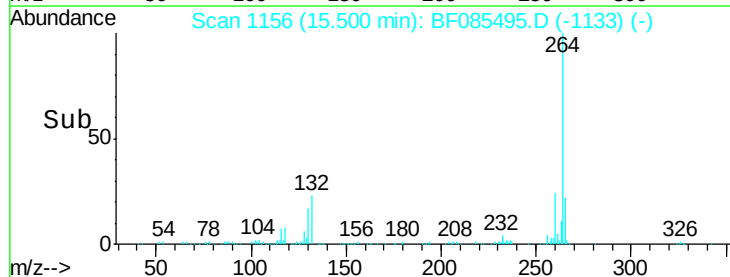
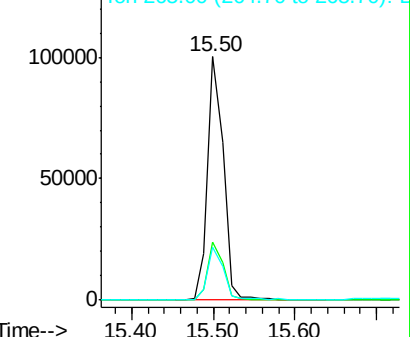
265 21.5 17.3 25.9

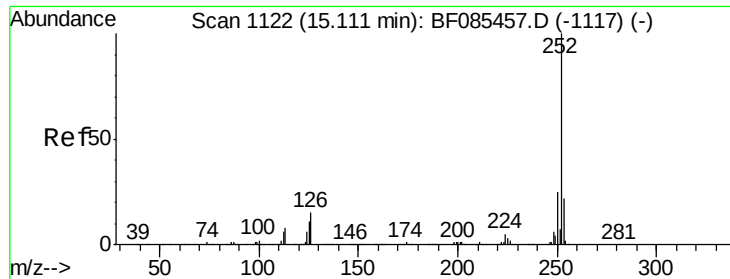


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

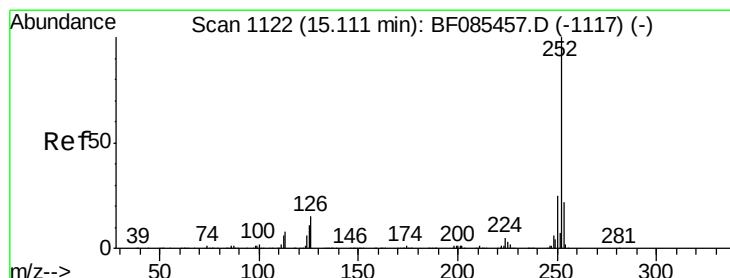
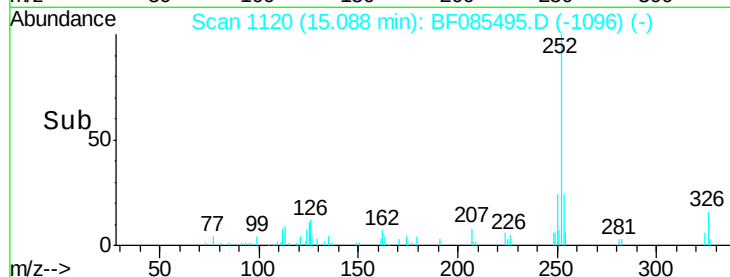
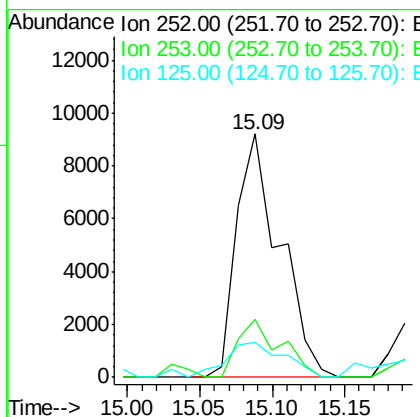
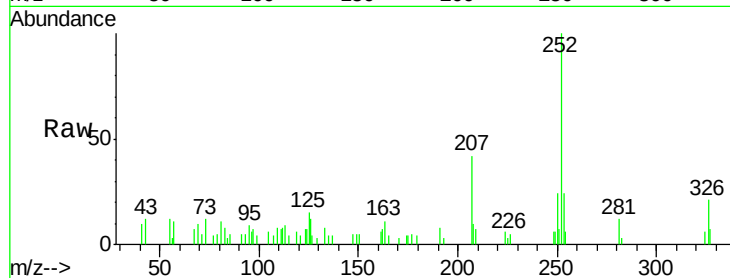




#87
Benzo(b)fluoranthene
Concen: 2.17 ng
RT: 15.09 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF085495.D
Acq: 17 Mar 2016 7:08

Instrument :
BNA_F
ClientSampleId :
AG-1A

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	14.6	11.3	16.9



#88
Benzo(k)fluoranthene
Concen: 2.76 ng
RT: 15.09 min Scan# 1120
Delta R.T. -0.06 min
Lab File: BF085495.D
Acq: 17 Mar 2016 7:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	14.6	10.4	15.6

