

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083494.D
 Acq On : 4 Dec 2015 8:33
 Operator : UM/IZ
 Sample : G4617-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11

Quant Time: Dec 04 10:28:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

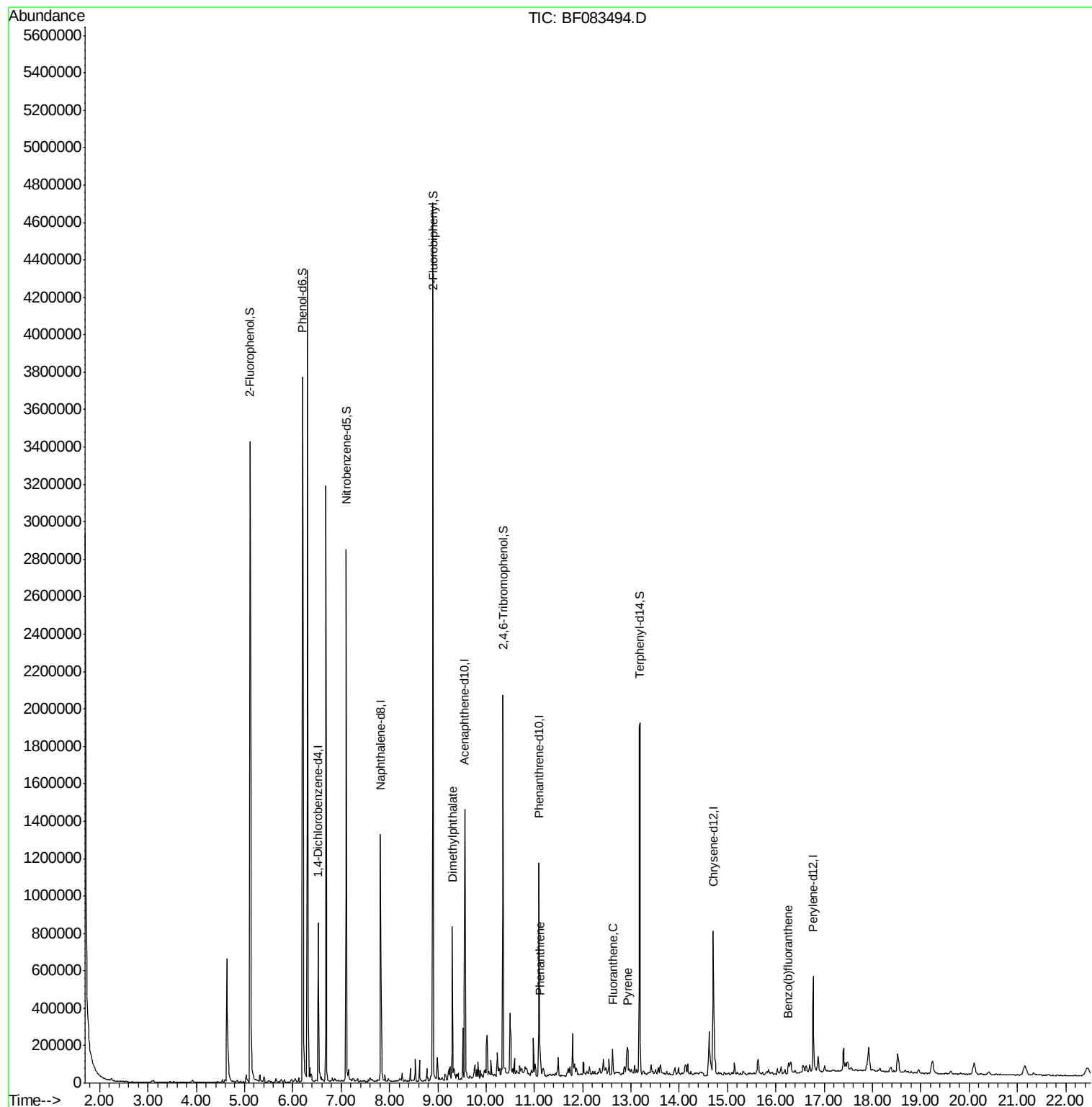
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	162670	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	609058	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	291005	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	439714	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	357693	20.00	ng	-0.06
86) Perylene-d12	16.77	264	288601	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1099953	101.47	ng	-0.01
7) Phenol-d6	6.20	99	1400915	94.41	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1025422	74.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	242411	82.98	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1452038	71.11	ng	-0.02
78) Terphenyl-d14	13.19	244	999274	66.62	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.30	163	318167	13.45	ng	98
70) Phenanthrene	11.12	178	78394	3.01	ng	98
74) Fluoranthene	12.63	202	87677	3.25	ng	92
77) Pyrene	12.93	202	75870	3.04	ng	97
87) Benzo(b)fluoranthene	16.26	252	38618m	2.09	ng	

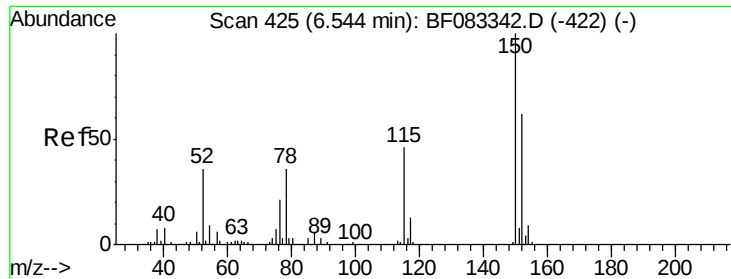
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083494.D

Acq: 4 Dec 2015 8:33

Instrument :

BNA_F

ClientSampled :

SB-11

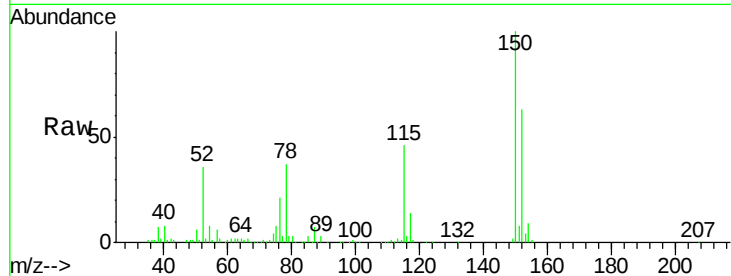
Tot Ion:152 Resp: 162670

Ion Ratio Lower Upper

152 100

150 159.9 129.8 194.8

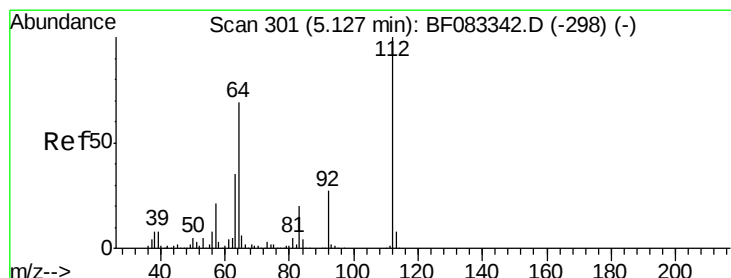
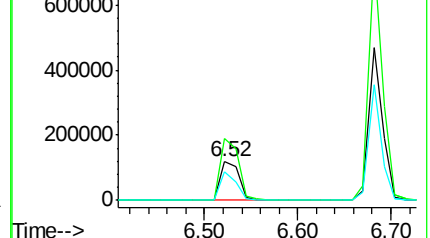
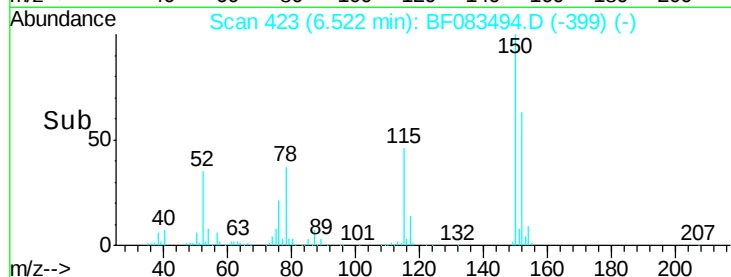
115 74.0 59.2 88.8



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: 101.47 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083494.D

Acq: 4 Dec 2015 8:33

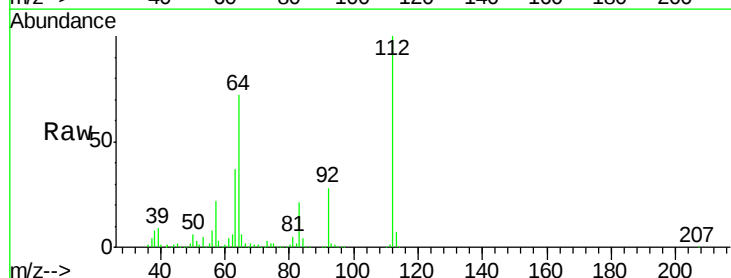
Tgt Ion:112 Resp: 1099953

Ion Ratio Lower Upper

112 100

64 72.4 55.6 83.4

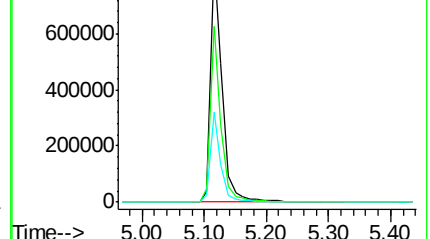
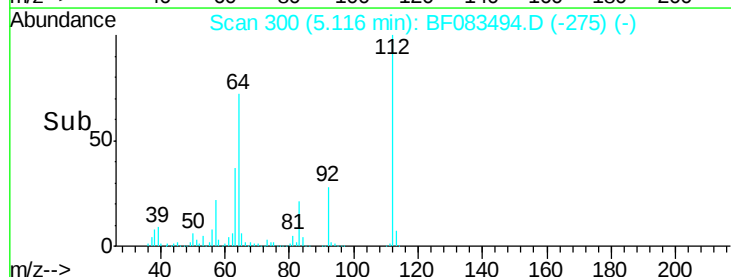
63 37.1 28.2 42.2

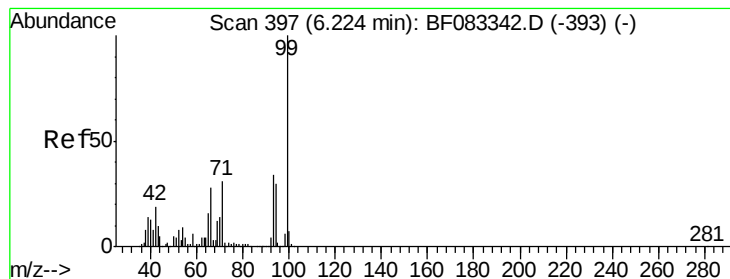


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.41 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083494.D

Acq: 4 Dec 2015 8:33

Instrument :

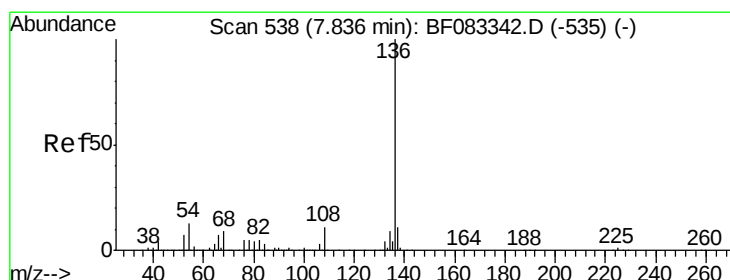
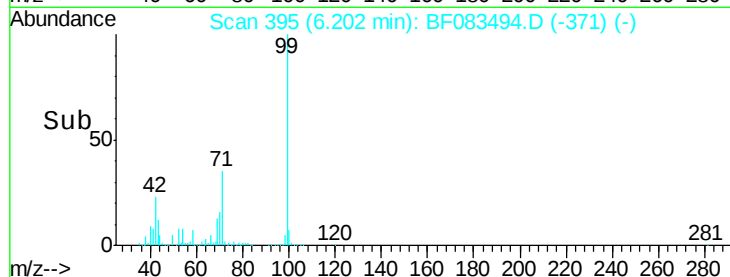
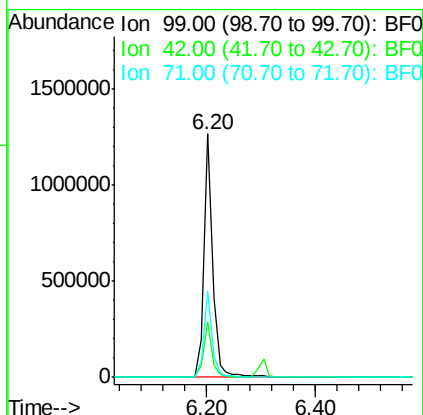
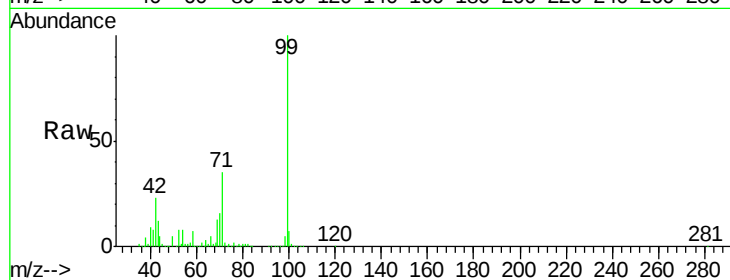
BNA_F

ClientSampleId :

SB-11

Tot Ion: 99 Resp: 1400915

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.9	22.3#
71	35.2	24.7	37.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 536

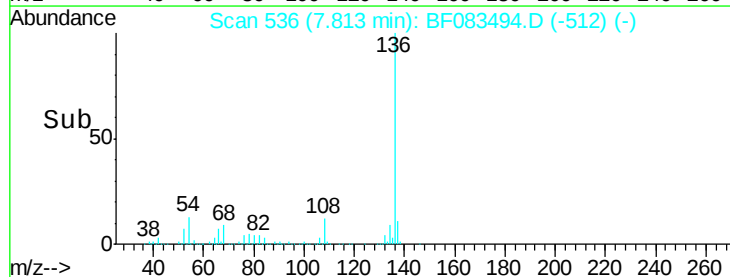
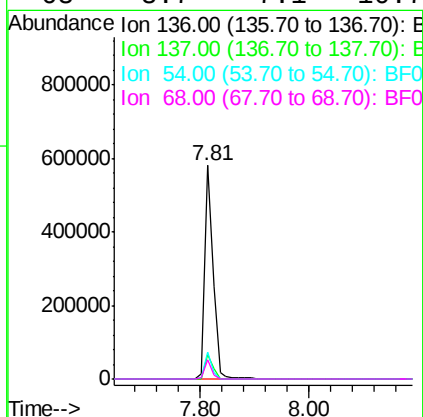
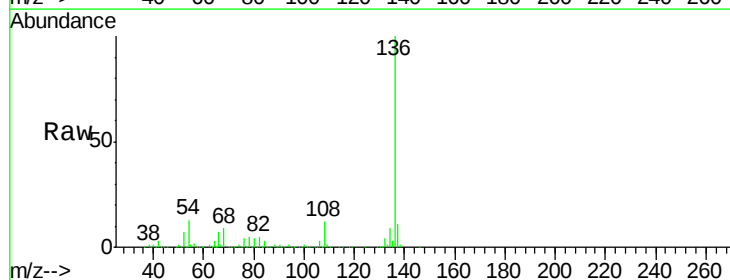
Delta R.T. -0.02 min

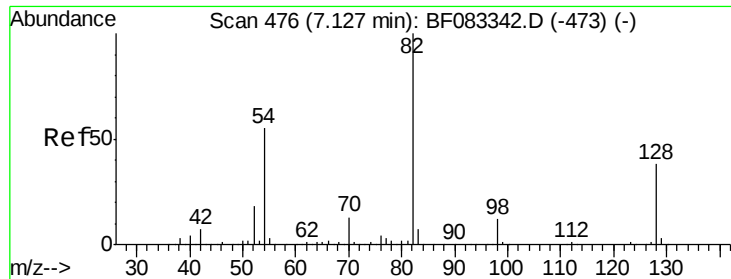
Lab File: BF083494.D

Acq: 4 Dec 2015 8:33

Tgt Ion: 136 Resp: 609058

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	12.5	10.1	15.1
68	8.7	7.1	10.7



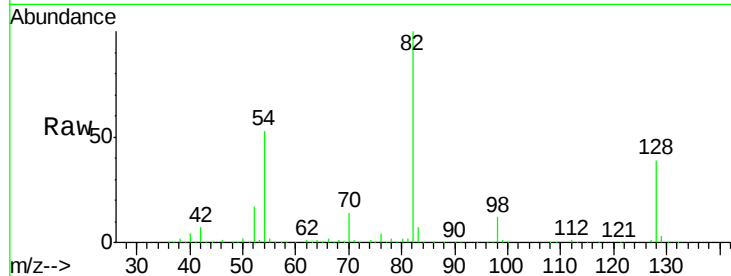


#23
 Nitrobenzene-d5
 Concen: 74.01 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.02 min
 Lab File: BF083494.D
 Acq: 4 Dec 2015 8:33

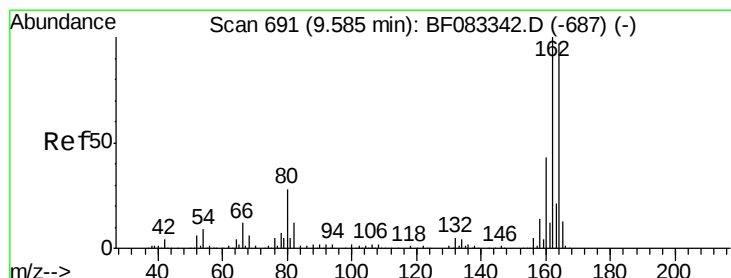
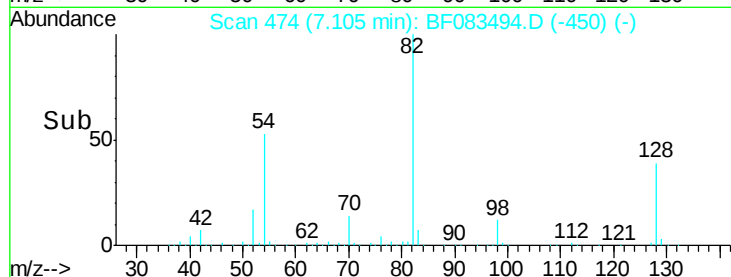
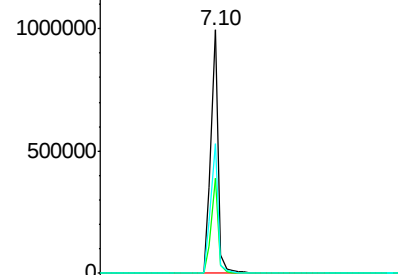
Instrument :
 BNA_F
 ClientSampleId :
 SB-11

Tot Ion: 82 Resp: 1025422

Ion	Ratio	Lower	Upper
82	100		
128	39.2	30.6	46.0
54	53.3	43.8	65.6



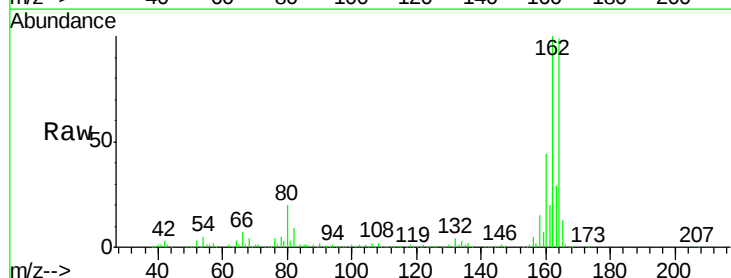
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



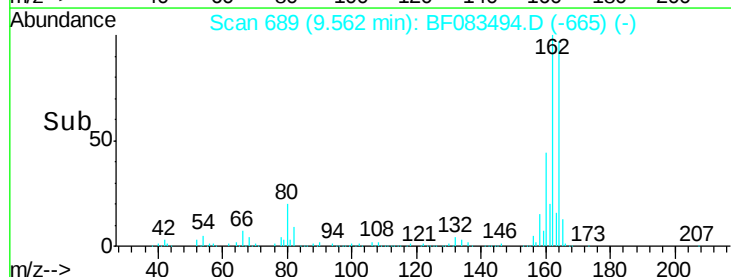
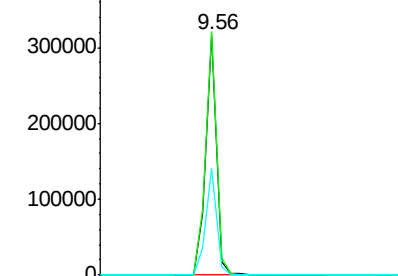
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF083494.D
 Acq: 4 Dec 2015 8:33

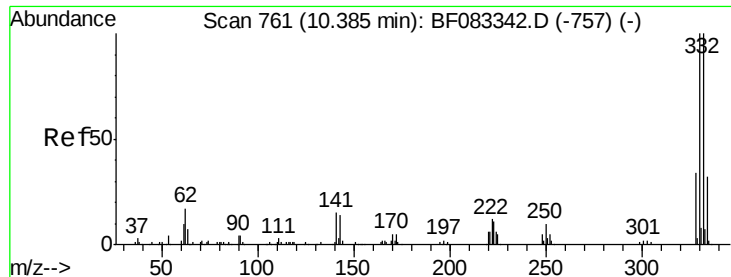
Tgt Ion: 164 Resp: 291005

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	44.4	35.3	52.9



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

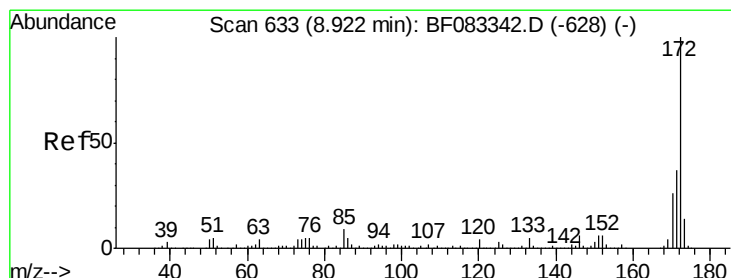
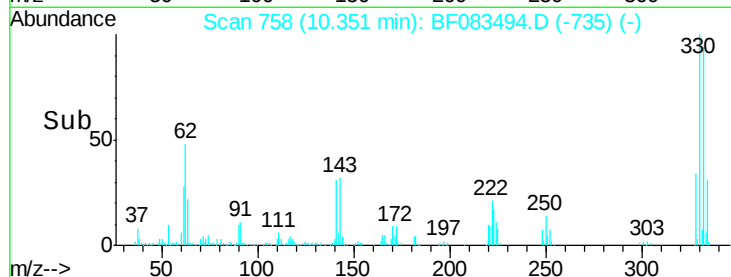
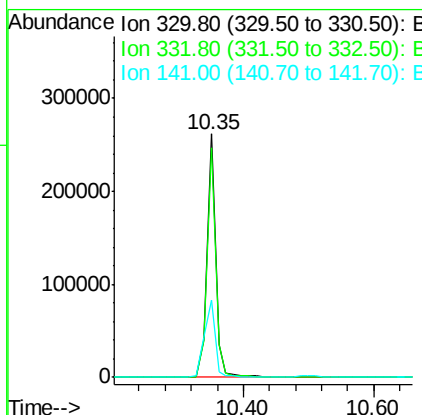
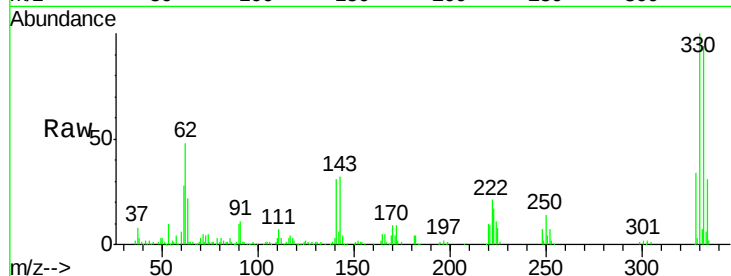




#41
 2,4,6-Tribromophenol
 Concen: 82.98 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083494.D
 Acq: 4 Dec 2015 8:33

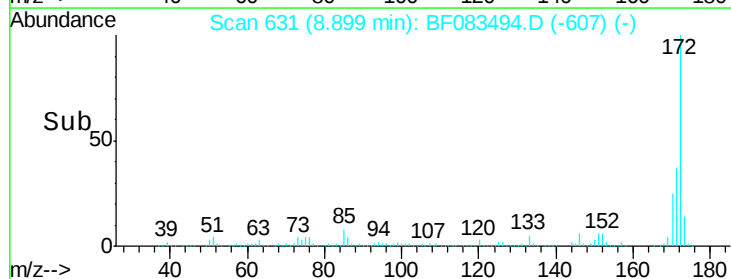
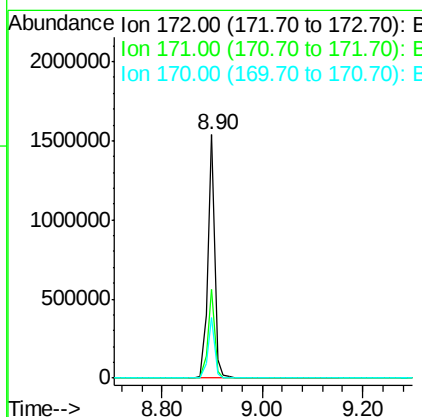
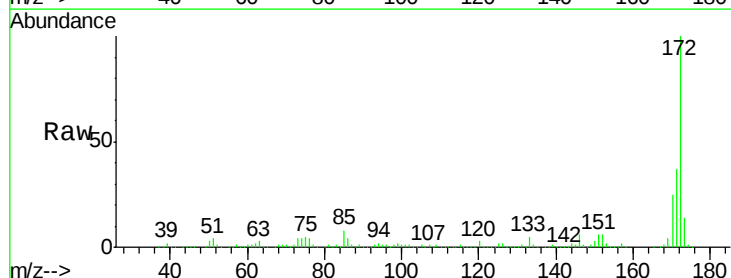
Instrument :
 BNA_F
 ClientSampleId :
 SB-11

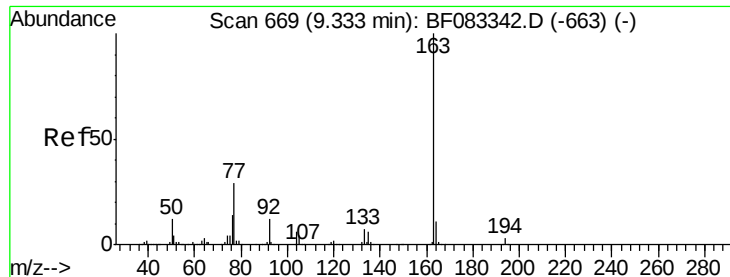
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.8	116.6
141	38.4	29.4	44.0



#44
 2-Fluorobiphenyl
 Concen: 71.11 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083494.D
 Acq: 4 Dec 2015 8:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.7	20.4	30.6

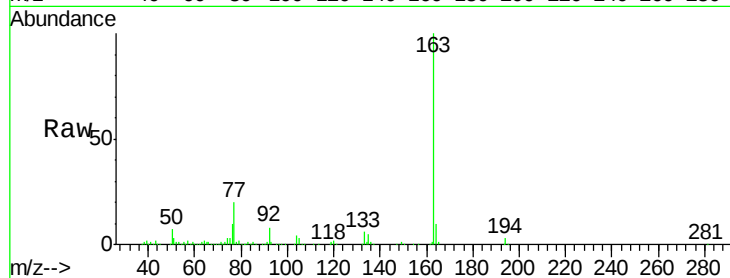




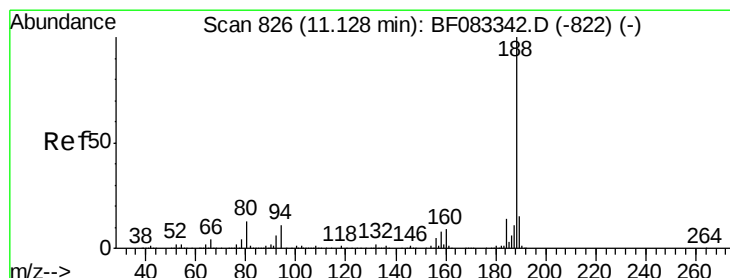
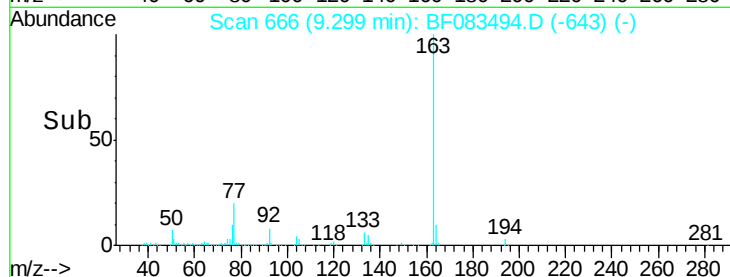
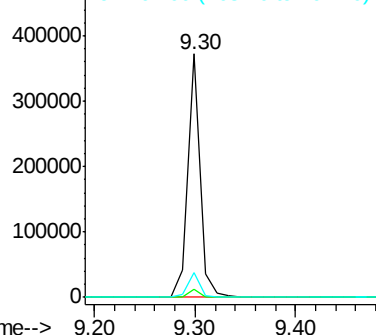
#49
Dimethylphthalate
Concen: 13.45 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083494.D
Acq: 4 Dec 2015 8:33

Instrument :
BNA_F
ClientSampleId :
SB-11

Tot Ion:163 Resp: 318167
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.1 8.8 13.2

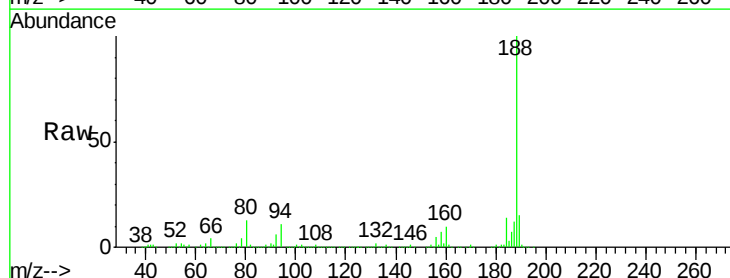


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

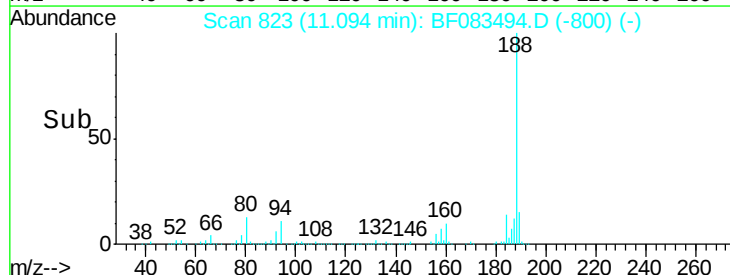
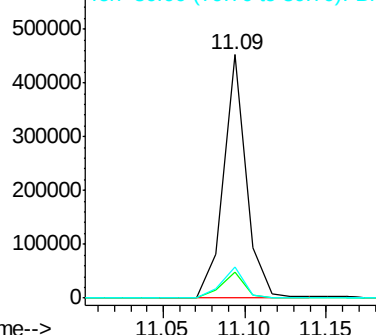


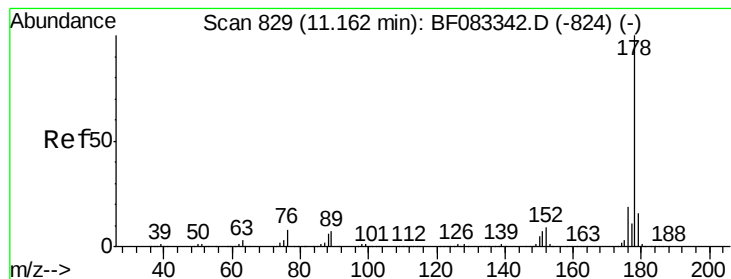
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083494.D
Acq: 4 Dec 2015 8:33

Tgt Ion:188 Resp: 439714
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 12.5 10.3 15.5



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: 3.01 ng

RT: 11.12 min Scan# 825

Delta R.T. -0.05 min

Lab File: BF083494.D

Acq: 4 Dec 2015 8:33

Instrument :

BNA_F

ClientSampleId :

SB-11

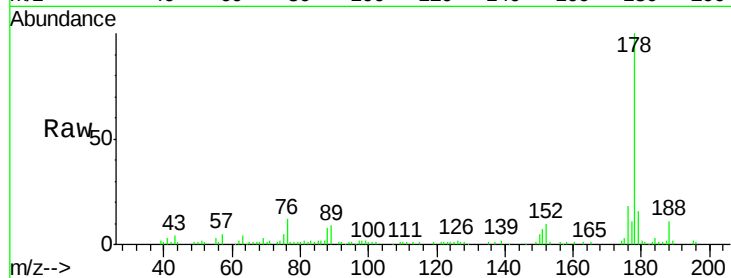
Tot Ion:178 Resp: 78394

Ion Ratio Lower Upper

178 100

176 18.1 15.3 22.9

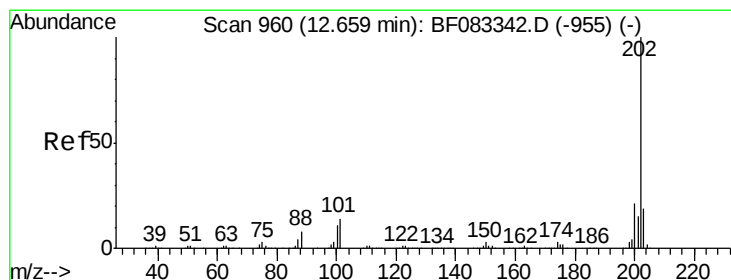
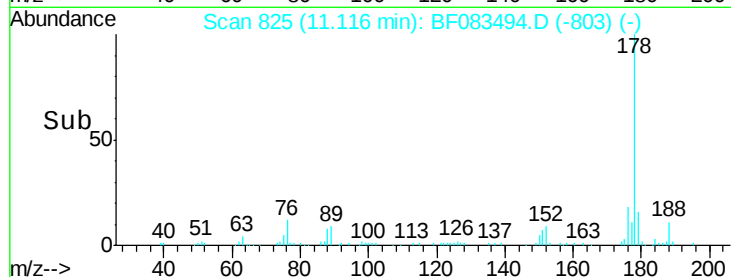
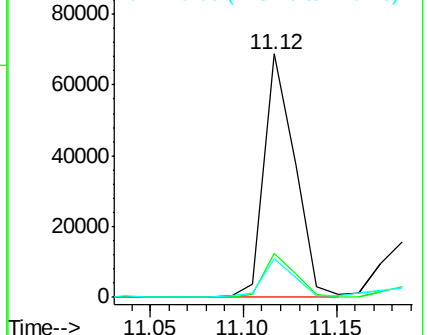
179 15.9 12.4 18.6



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



#74

Fluoranthene

Concen: 3.25 ng

RT: 12.63 min Scan# 957

Delta R.T. -0.03 min

Lab File: BF083494.D

Acq: 4 Dec 2015 8:33

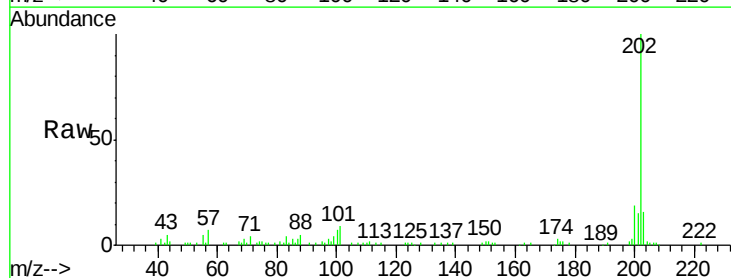
Tgt Ion:202 Resp: 87677

Ion Ratio Lower Upper

202 100

101 9.4 0.0 34.5

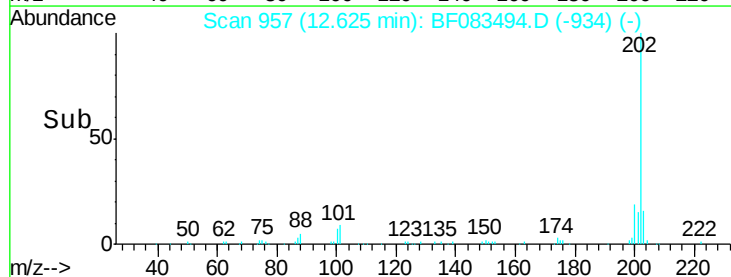
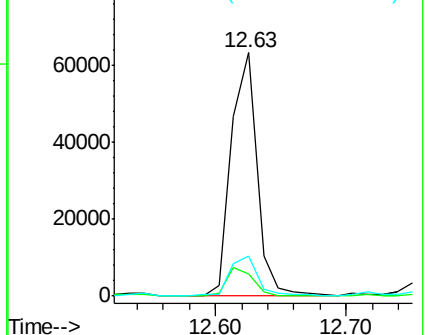
203 16.4 0.0 38.7

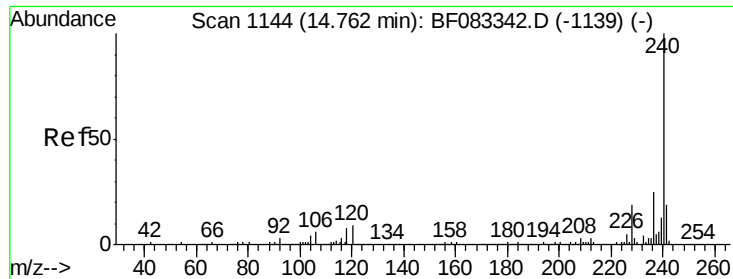


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

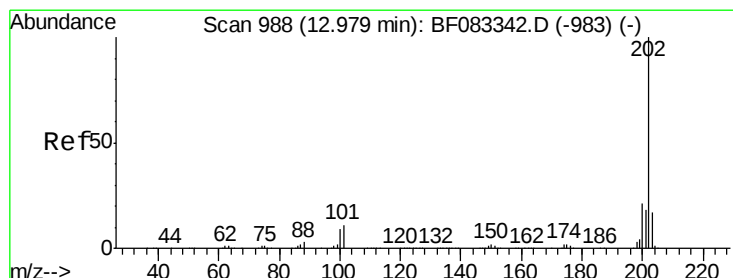
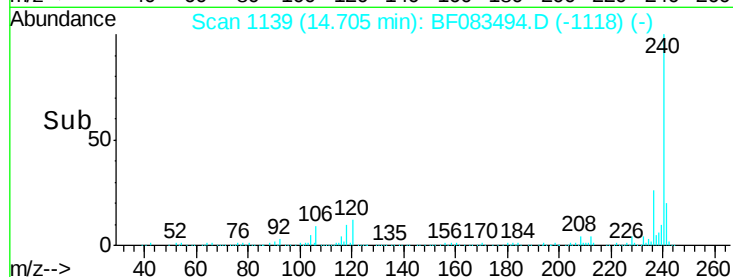
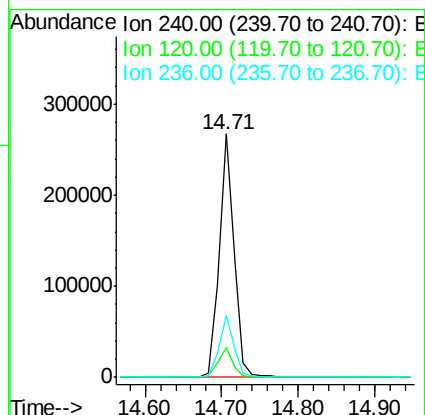
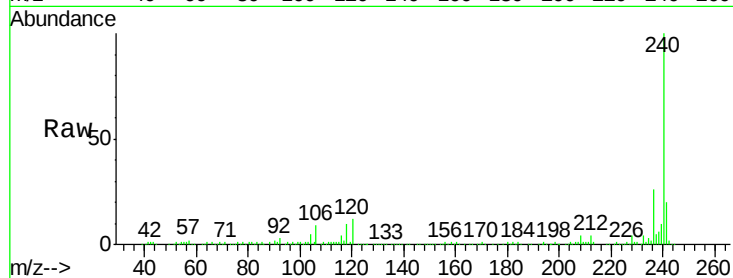




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083494.D
Acq: 4 Dec 2015 8:33

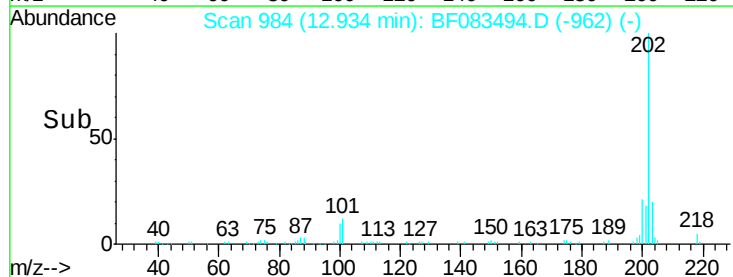
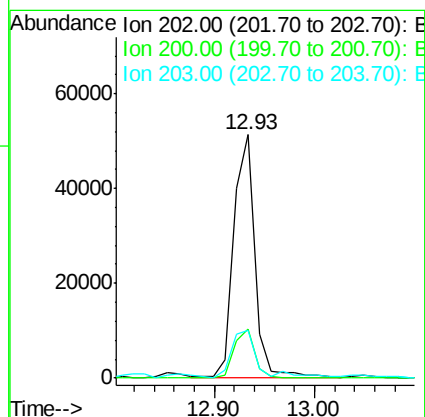
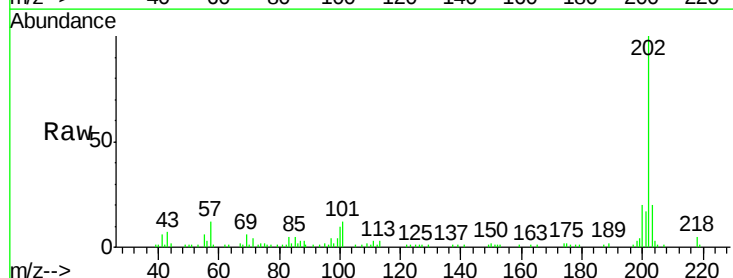
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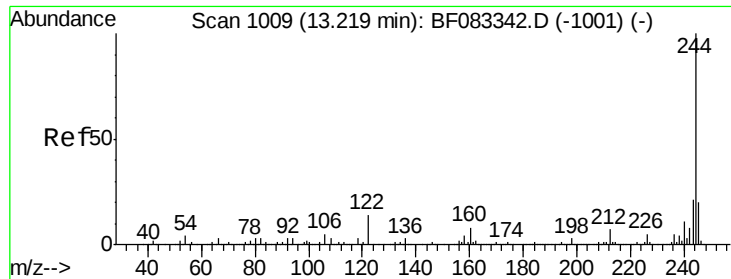
Tot Ion:240 Resp: 357693
Ion Ratio Lower Upper
240 100
120 12.1 6.9 10.3#
236 25.7 19.8 29.6



#77
Pyrene
Concen: 3.04 ng
RT: 12.93 min Scan# 984
Delta R.T. -0.05 min
Lab File: BF083494.D
Acq: 4 Dec 2015 8:33

Tgt Ion:202 Resp: 75870
Ion Ratio Lower Upper
202 100
200 20.4 16.9 25.3
203 19.6 13.9 20.9

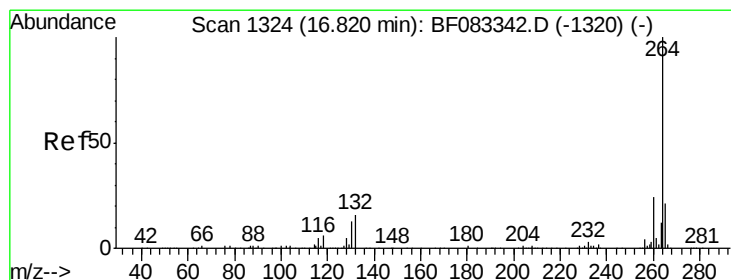
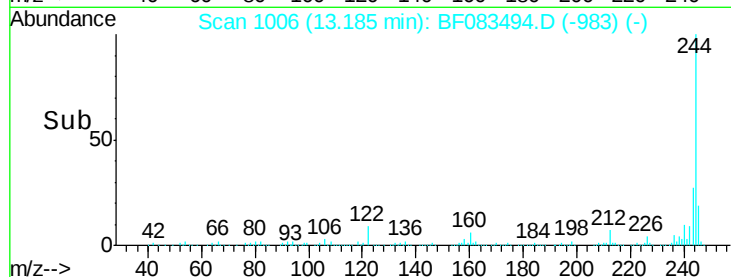
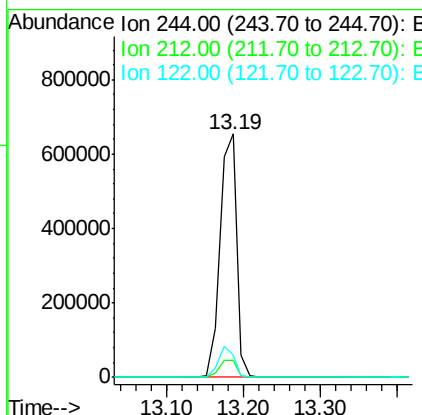
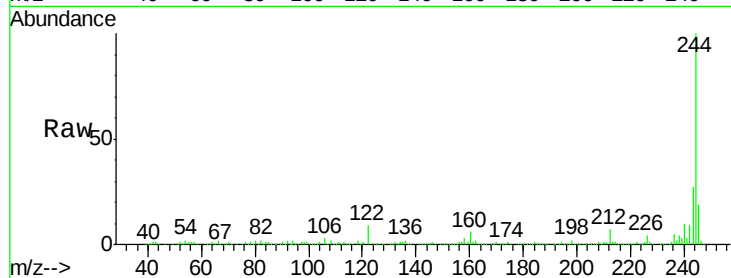




#78
 Terphenyl-d14
 Concen: 66.62 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083494.D
 Acq: 4 Dec 2015 8:33

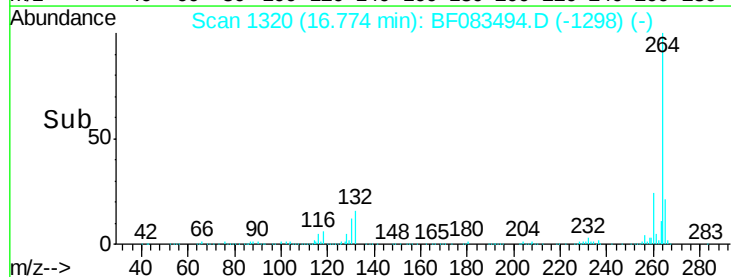
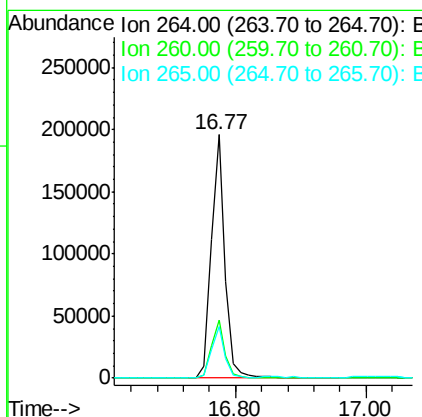
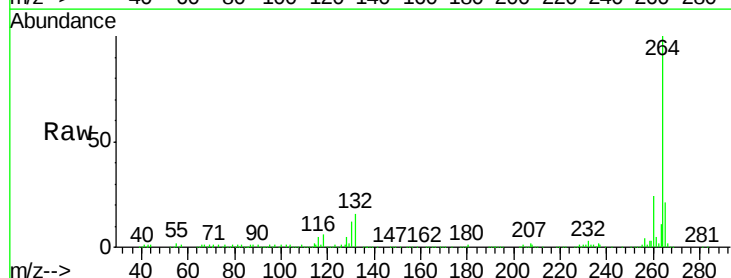
Instrument :
 BNA_F
 ClientSampleId :
 SB-11

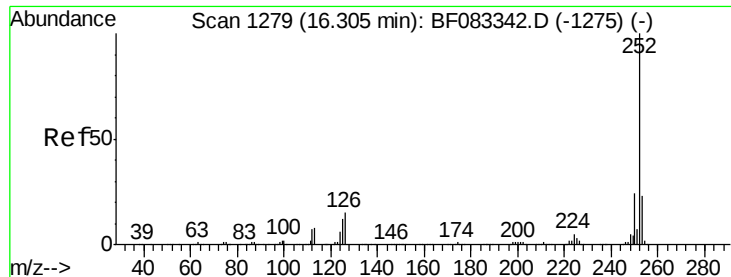
Tot Ion:244 Resp: 999274
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083494.D
 Acq: 4 Dec 2015 8:33

Tgt Ion:264 Resp: 288601
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 21.2 16.8 25.2





#87

Benzo(b)fluoranthene

Concen: 2.09 ng m

RT: 16.26 min Scan# 1275

Delta R.T. -0.05 min

Lab File: BF083494.D

Acq: 4 Dec 2015 8:33

Instrument :

BNA_F

ClientSampleId :

SB-11

Tot Ion: 252 Resp: 38618

Ion Ratio Lower Upper

252 100

253 18.8 18.4 27.6

125 14.9 9.6 14.4

