

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083715.D
 Acq On : 12 Dec 2015 00:42
 Operator : UM/IZ
 Sample : G4739-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K205-10-12

Quant Time: Dec 12 03:01:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

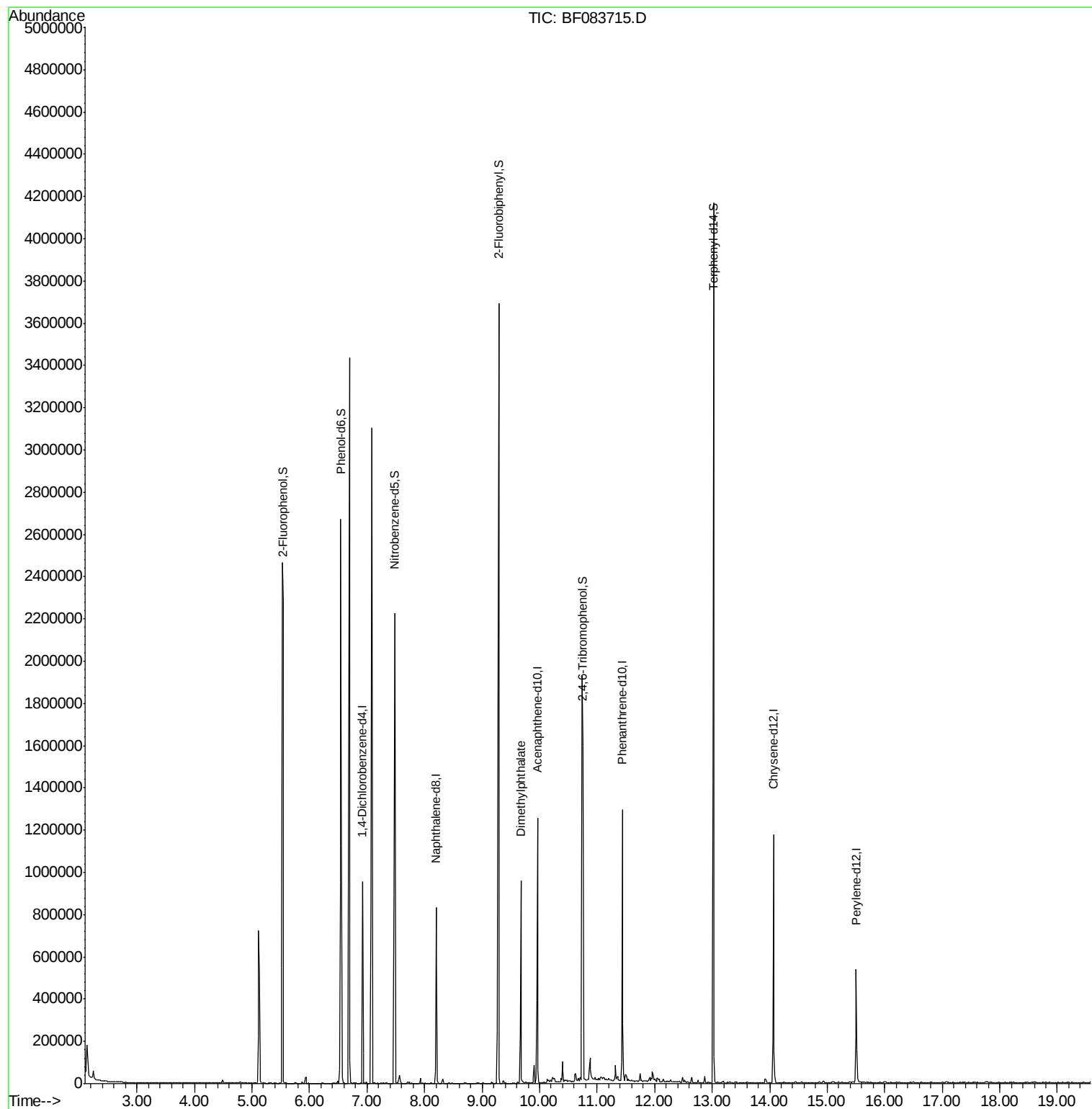
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	133644	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	522626	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	251375	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	442391	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	373327	20.00	ng	-0.01
86) Perylene-d12	15.51	264	240035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1105107	127.35	ng	0.01
7) Phenol-d6	6.54	99	1236894	115.41	ng	0.00
23) Nitrobenzene-d5	7.48	82	762058	98.89	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	372956	153.28	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1403057	82.21	ng	0.00
78) Terphenyl-d14	13.03	244	1296508	77.99	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.68	163	390322	20.18	ng	98

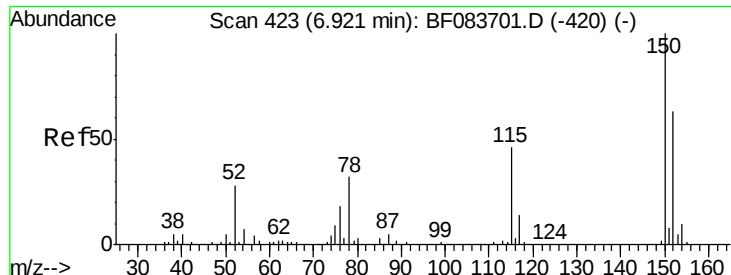
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 11 19:24:37 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083715.D

Acq: 12 Dec 2015 00:42

Instrument :

BNA_F

ClientSampleId :

K205-10-12

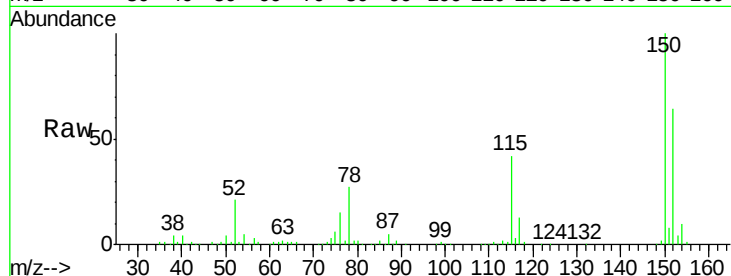
Tot Ion:152 Resp: 133644

Ion Ratio Lower Upper

152 100

150 156.7 126.5 189.7

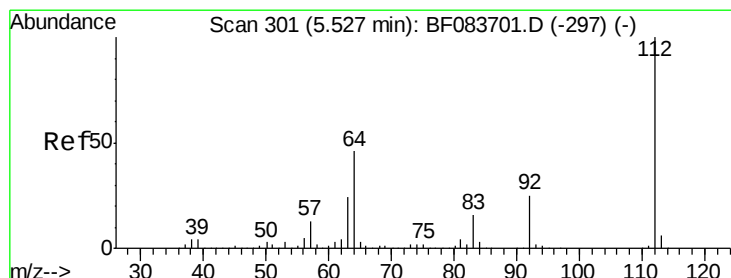
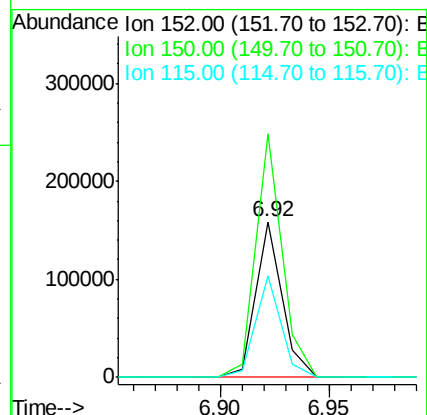
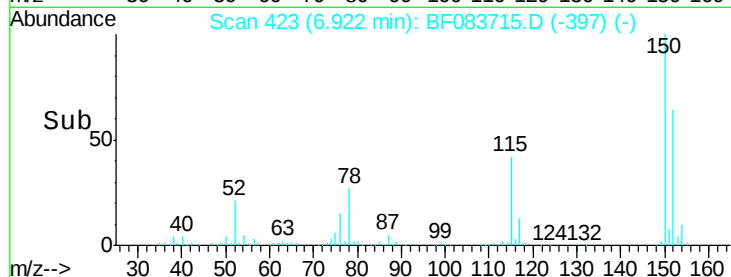
115 65.1 52.3 78.5



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: 127.35 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083715.D

Acq: 12 Dec 2015 00:42

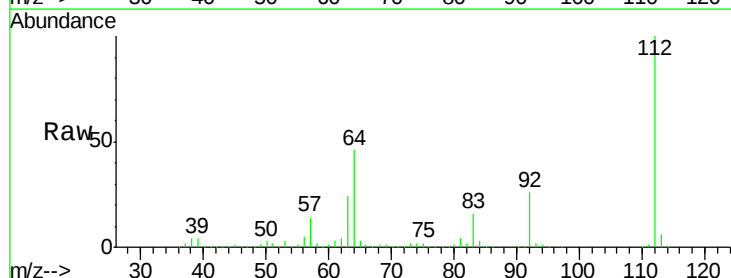
Tgt Ion:112 Resp: 1105107

Ion Ratio Lower Upper

112 100

64 46.2 50.5 75.7#

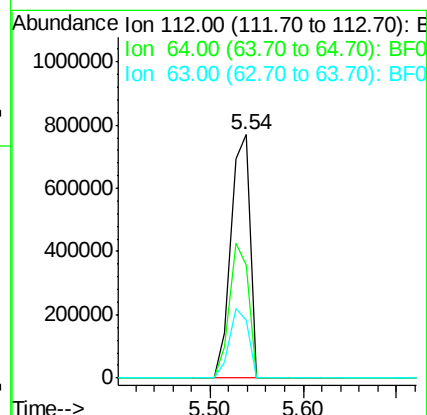
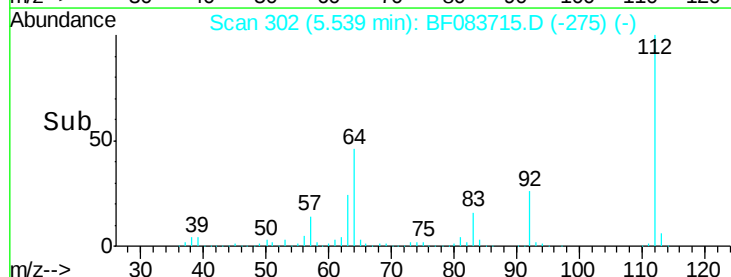
63 23.7 25.8 38.6#

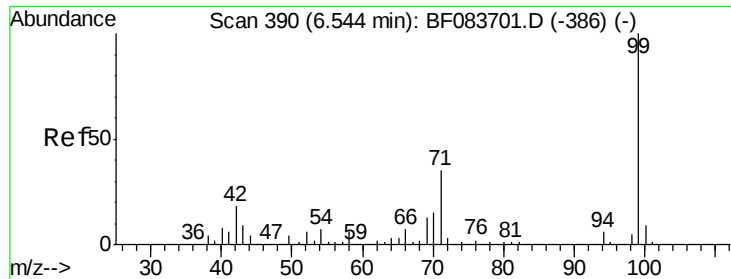


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.41 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083715.D

Acq: 12 Dec 2015 00:42

Instrument :

BNA_F

ClientSampleId :

K205-10-12

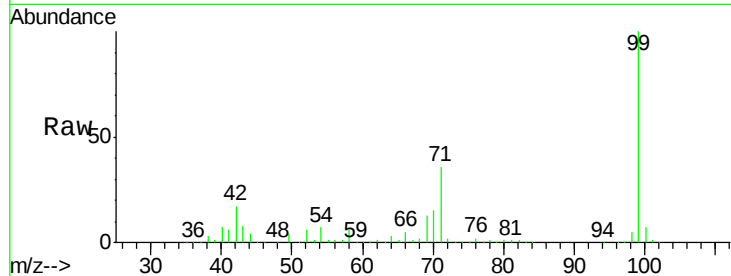
Tot Ion: 99 Resp: 1236894

Ion Ratio Lower Upper

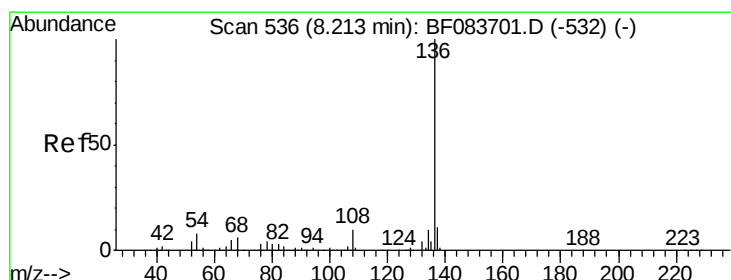
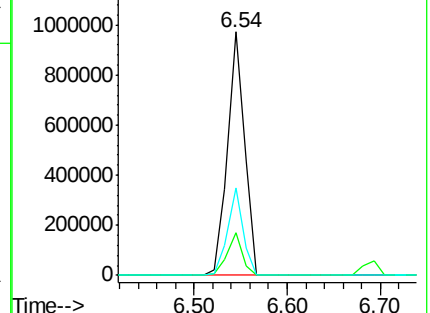
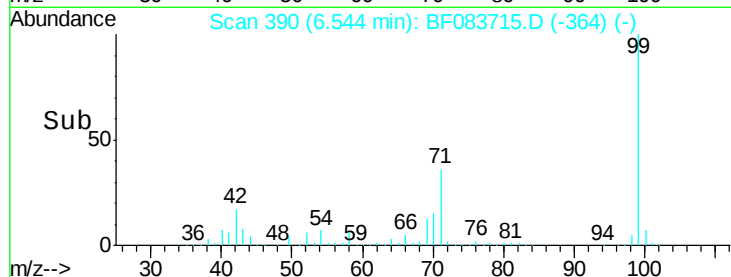
99 100

42 17.3 17.3 25.9

71 35.7 26.6 40.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083715.D

Acq: 12 Dec 2015 00:42

Tgt Ion: 136 Resp: 522626

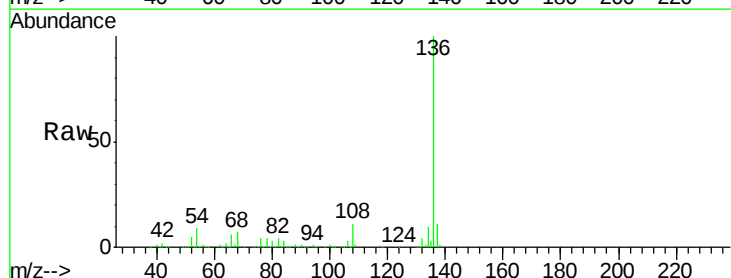
Ion Ratio Lower Upper

136 100

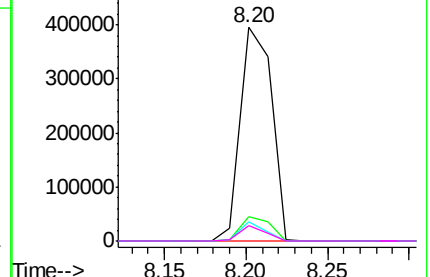
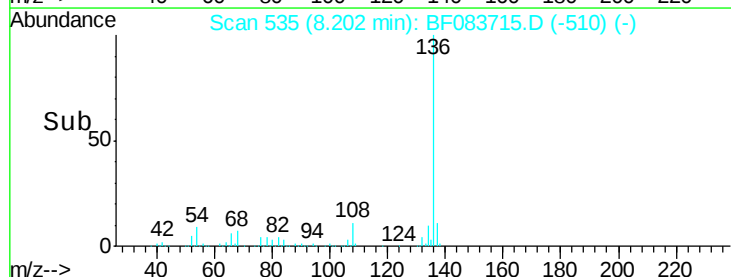
137 11.3 8.7 13.1

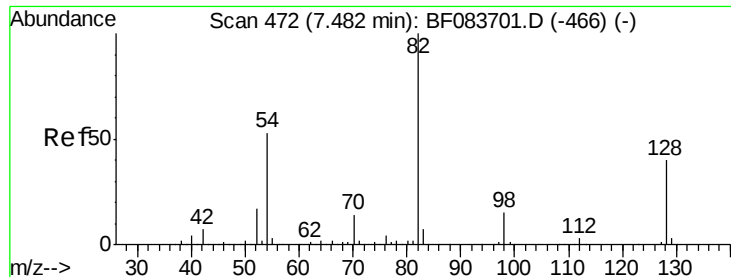
54 9.2 7.8 11.6

68 7.3 5.7 8.5



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

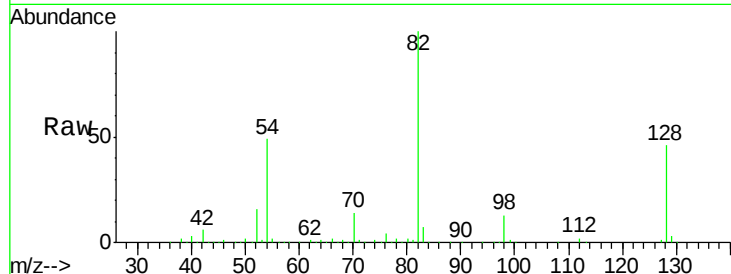




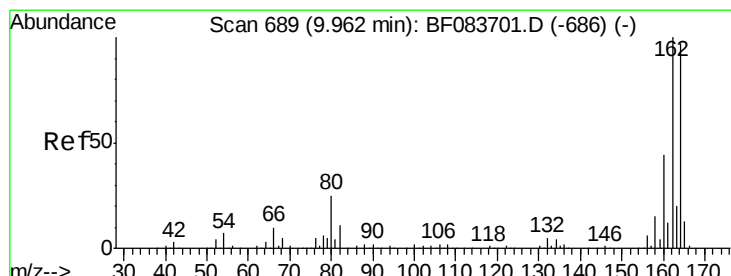
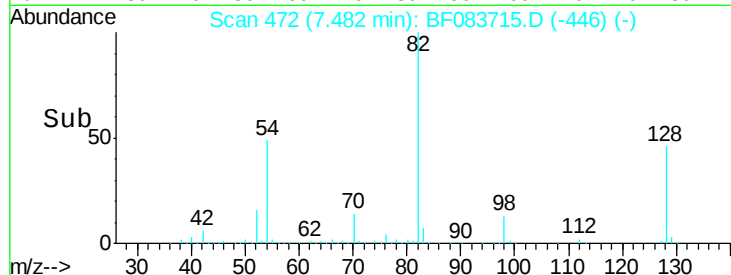
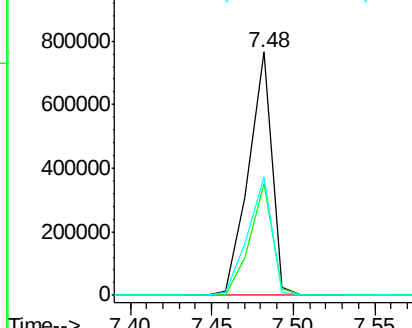
#23
 Nitrobenzene-d5
 Concen: 98.89 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083715.D
 Acq: 12 Dec 2015 00:42

Instrument :
 BNA_F
 ClientSampled :
 K205-10-12

Tot Ion	82	Resp	762058
Ion Ratio	100	Lower	Upper
128	45.7	30.7	46.1
54	48.6	42.5	63.7

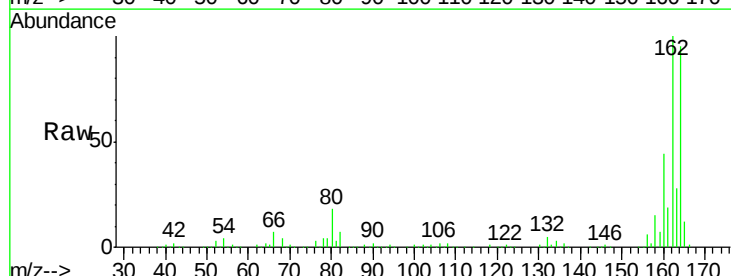


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

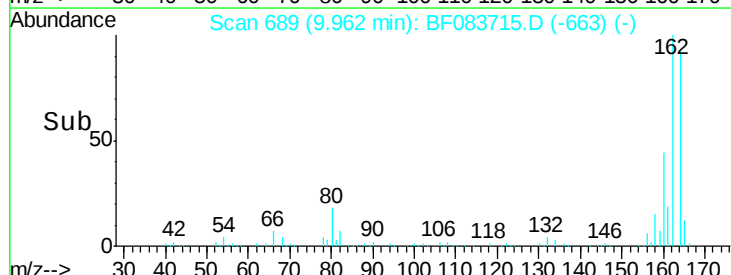
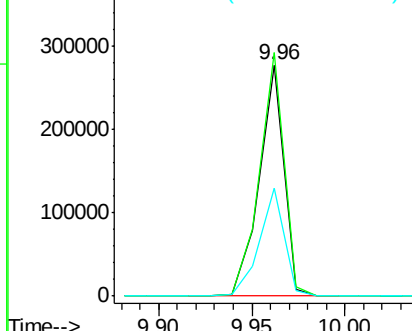


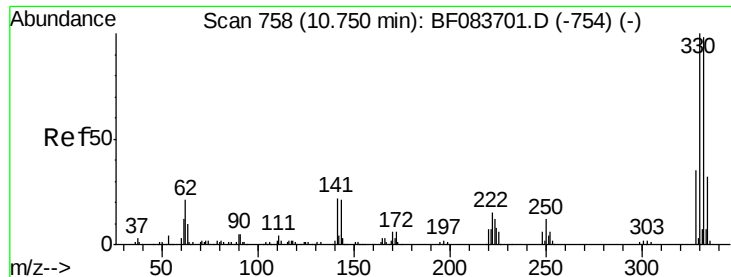
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF083715.D
 Acq: 12 Dec 2015 00:42

Tgt Ion	164	Resp	251375
Ion Ratio	100	Lower	Upper
162	105.3	78.8	118.2
160	46.6	33.4	50.2



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

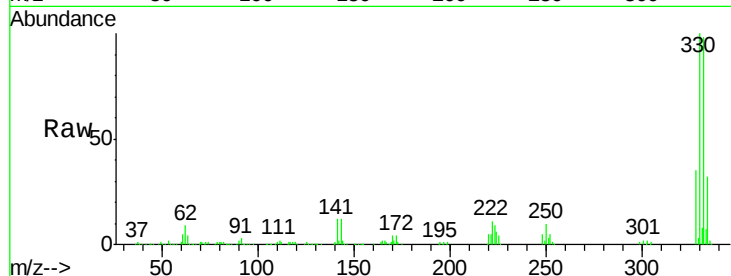




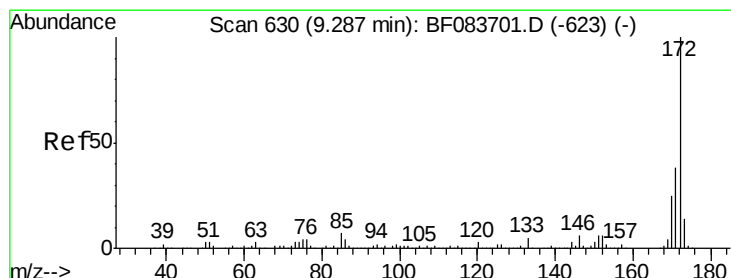
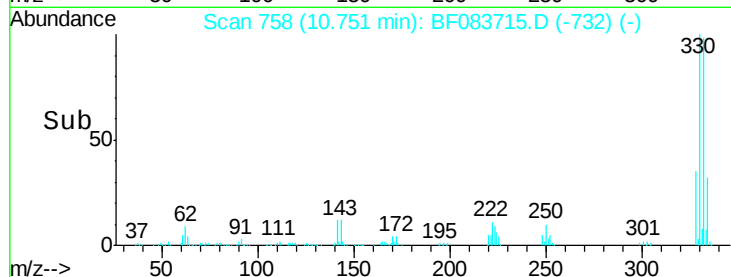
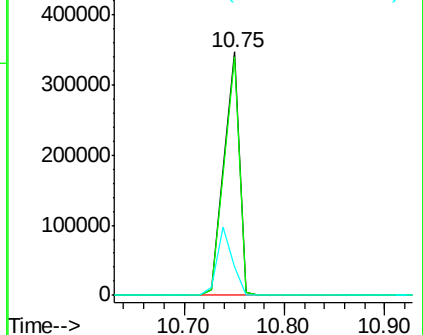
#41
 2,4,6-Tribromophenol
 Concen: 153.28 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083715.D
 Acq: 12 Dec 2015 00:42

Instrument :
 BNA_F
 ClientSampleId :
 K205-10-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	28.3	0.0	0.0#

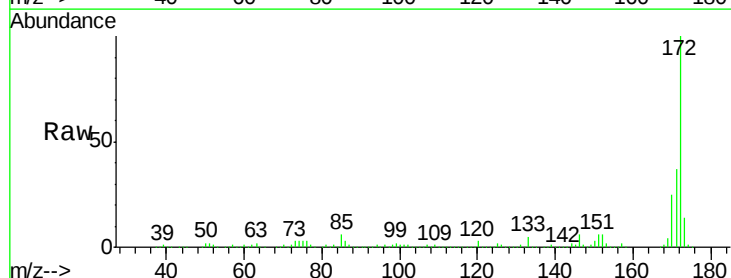


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

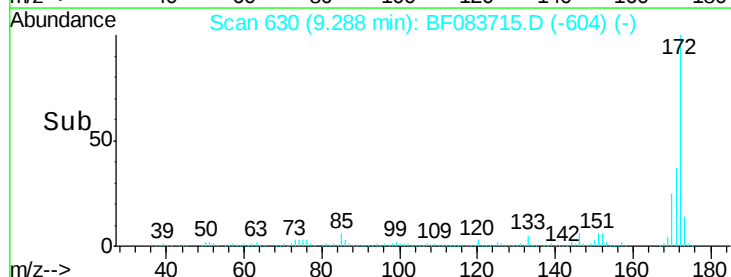
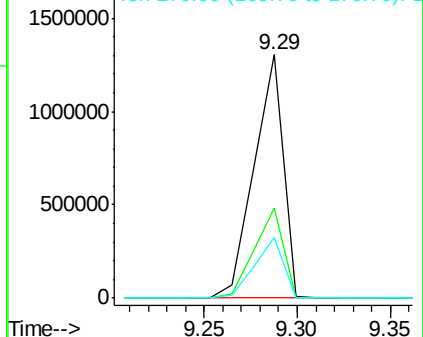


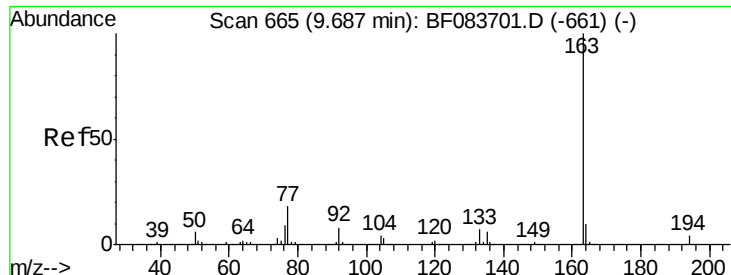
#44
 2-Fluorobiphenyl
 Concen: 82.21 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083715.D
 Acq: 12 Dec 2015 00:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.6	42.8
170	24.7	19.4	29.0



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: 20.18 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF083715.D

Acq: 12 Dec 2015 00:42

Instrument :

BNA_F

ClientSampleId :

K205-10-12

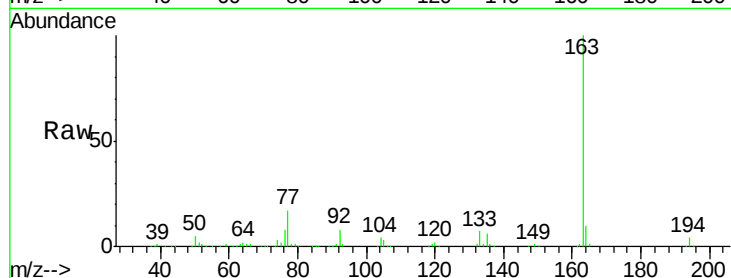
Tot Ion:163 Resp: 390322

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

164 10.0 8.6 13.0



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

600000

500000

400000

300000

200000

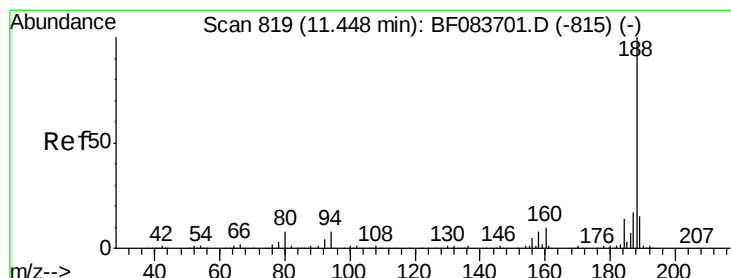
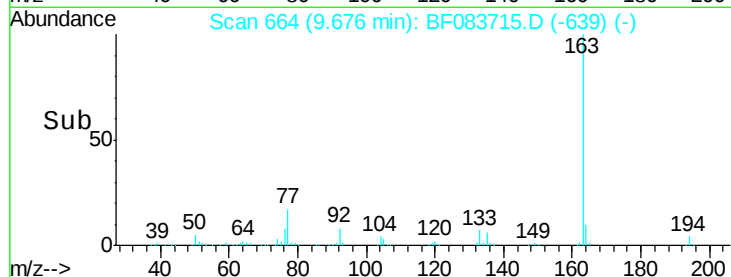
100000

0

9.68

9.60 9.65 9.70 9.75

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083715.D

Acq: 12 Dec 2015 00:42

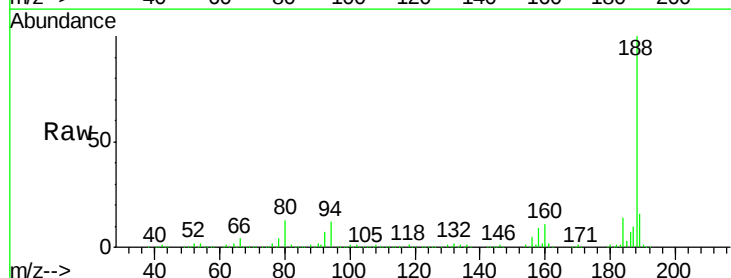
Tgt Ion:188 Resp: 442391

Ion Ratio Lower Upper

188 100

94 12.4 9.4 14.2

80 13.3 10.6 16.0



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

600000

400000

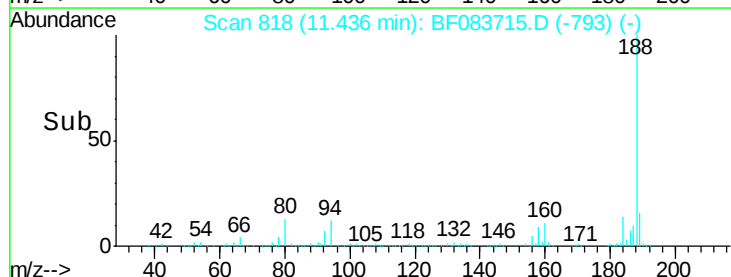
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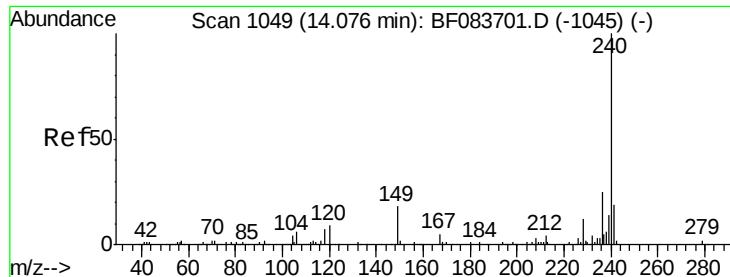
0

11.44

11.40 11.45

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083715.D

Acq: 12 Dec 2015 00:42

Instrument :

BNA_F

ClientSampled :

K205-10-12

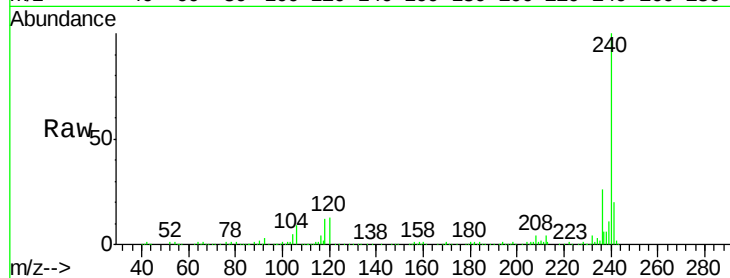
Tot Ion:240 Resp: 373327

Ion Ratio Lower Upper

240 100

120 12.9 8.1 12.1#

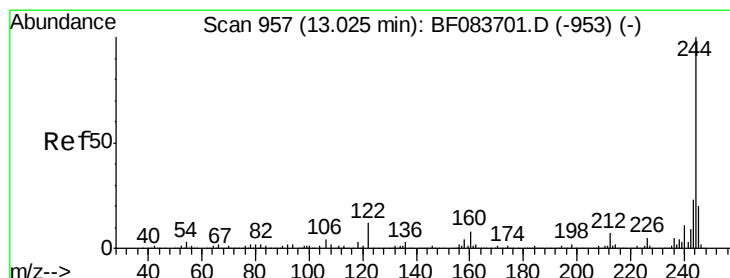
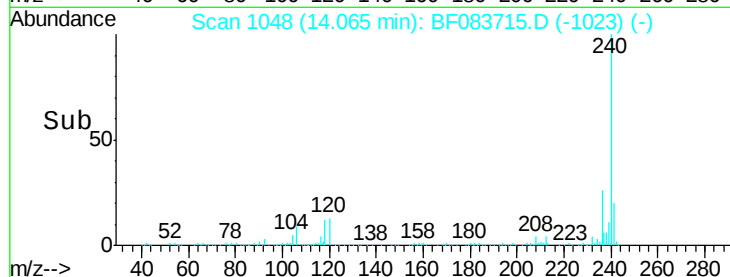
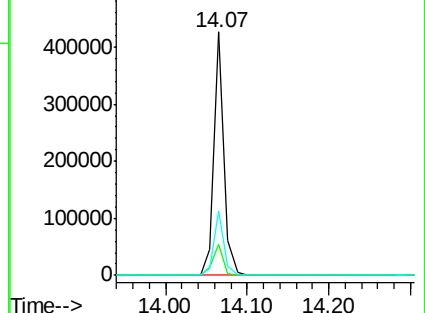
236 26.2 20.8 31.2



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



#78

Terphenyl-d14

Concen: 77.99 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF083715.D

Acq: 12 Dec 2015 00:42

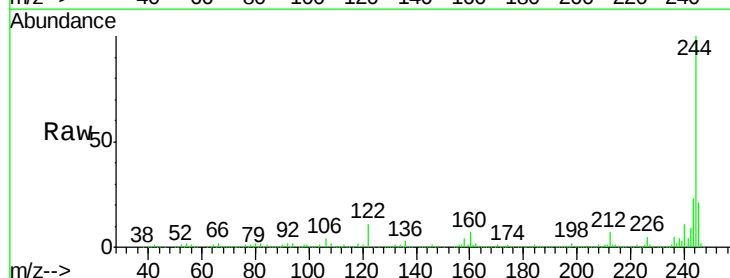
Tgt Ion:244 Resp: 1296508

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

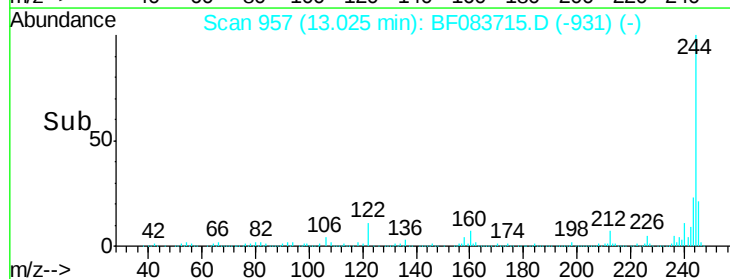
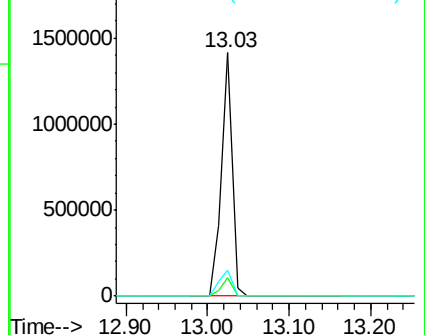
122 10.7 11.0 16.6#

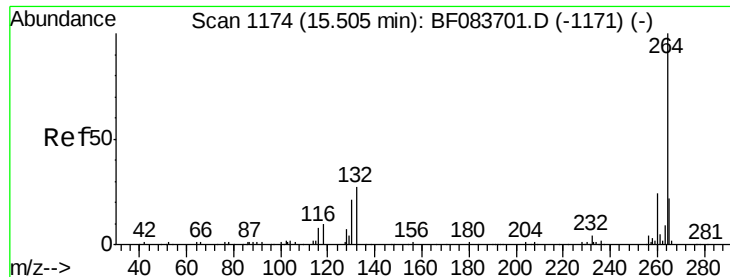


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083715.D
Acq: 12 Dec 2015 00:42

Instrument :
BNA_F
ClientSampleId :
K205-10-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.3	17.8	26.6

