

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083406.D
 Acq On : 2 Dec 2015 8:17
 Operator : UM/IZ
 Sample : G4586-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112515-A263-F-U-S

Quant Time: Dec 02 09:34:47 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	6.54	152	179011	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	676887	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	335668	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	564227	20.00	ng	0.00
75) Chrysene-d12	14.75	240	396945	20.00	ng	-0.01
86) Perylene-d12	16.82	264	421220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	492204	41.26	ng	0.00
7) Phenol-d6	6.21	99	418420	25.62	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1222201	79.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	229291	68.05	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1990998	84.53	ng	0.00
78) Terphenyl-d14	13.22	244	1422780	85.48	ng	0.00

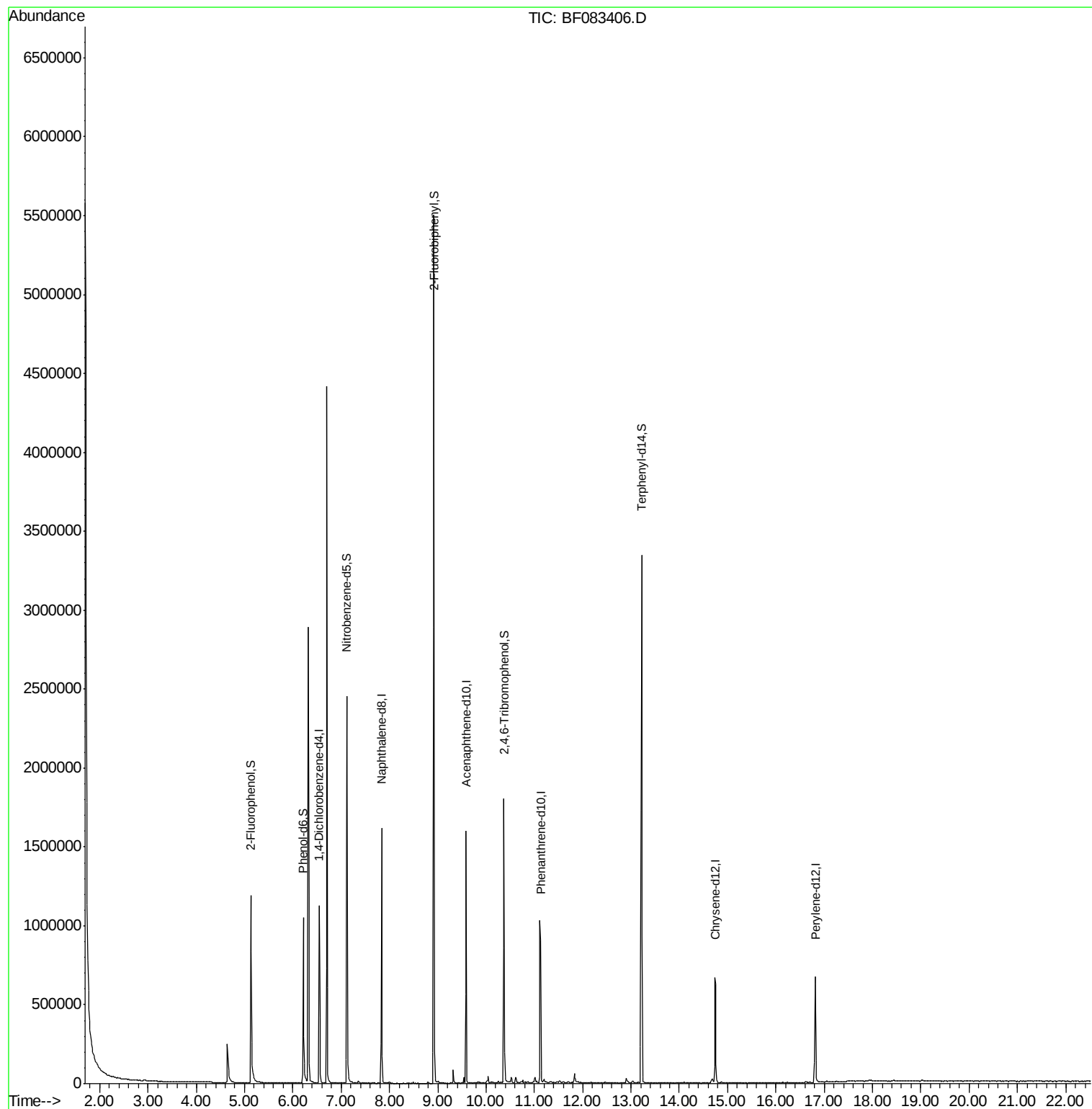
Target Compounds Qvalue

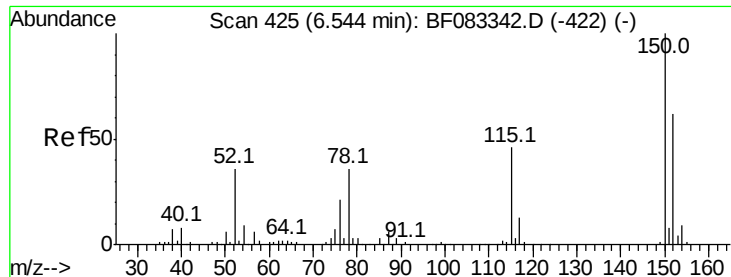
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF083406.D

Acq: 2 Dec 2015 8:17

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-U-S

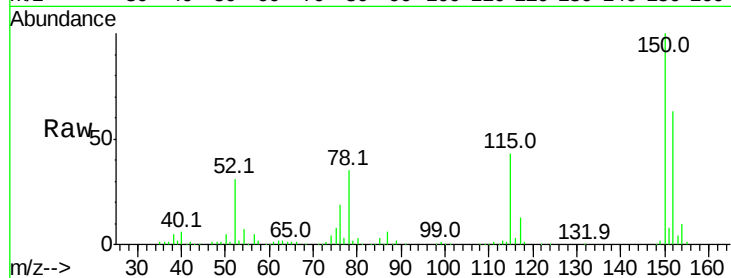
Tot Ion:152 Resp: 179011

Ion Ratio Lower Upper

152 100

150 158.2 129.8 194.8

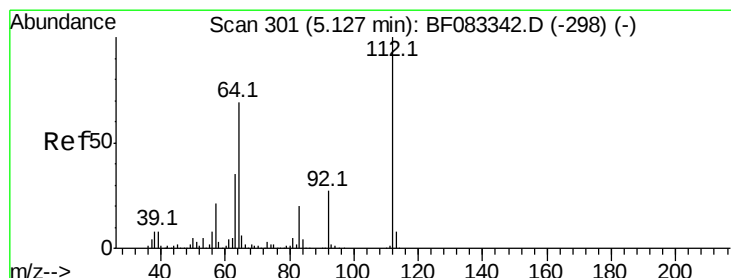
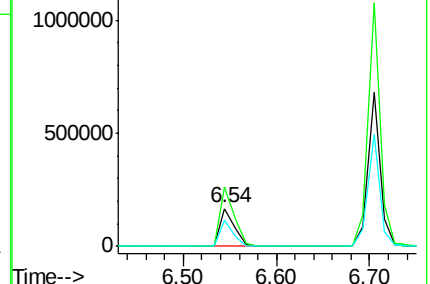
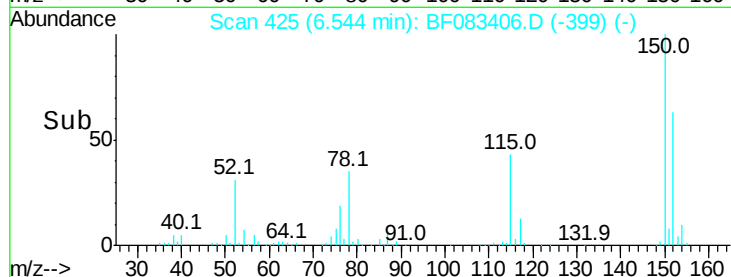
115 68.2 59.2 88.8



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: 41.26 ng

RT: 5.13 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083406.D

Acq: 2 Dec 2015 8:17

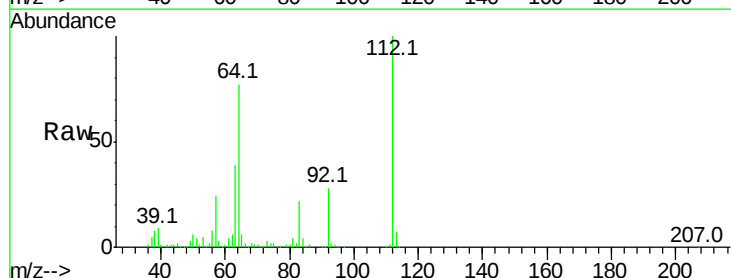
Tgt Ion:112 Resp: 492204

Ion Ratio Lower Upper

112 100

64 76.8 55.6 83.4

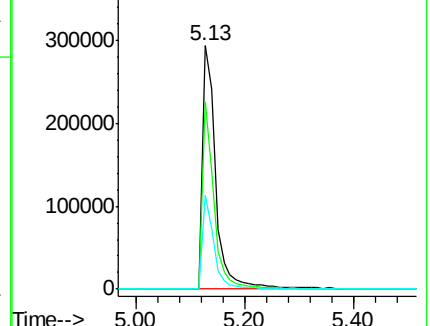
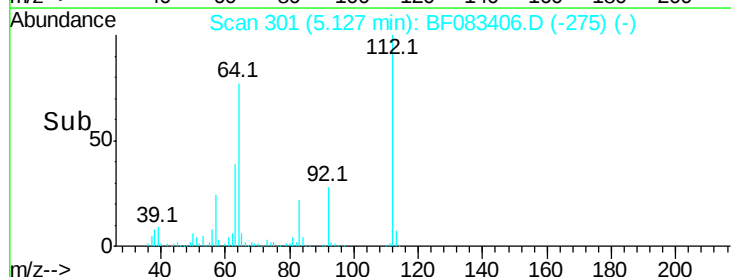
63 38.8 28.2 42.2

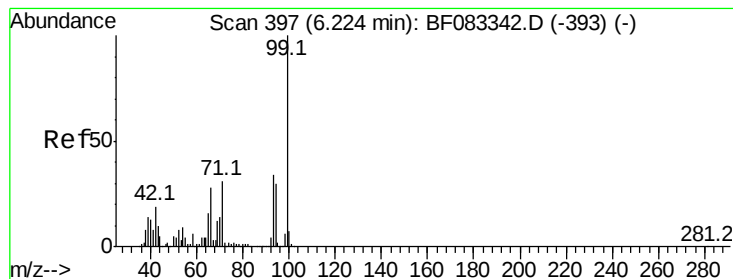


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.62 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083406.D

Acq: 2 Dec 2015 8:17

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-U-S

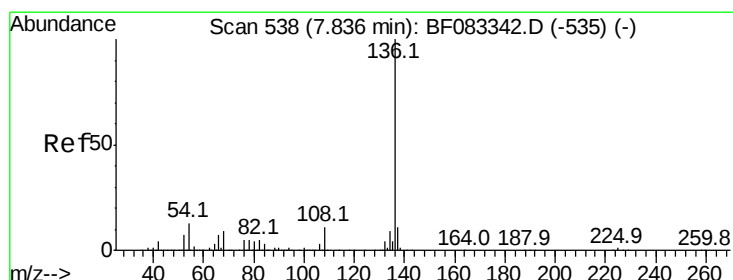
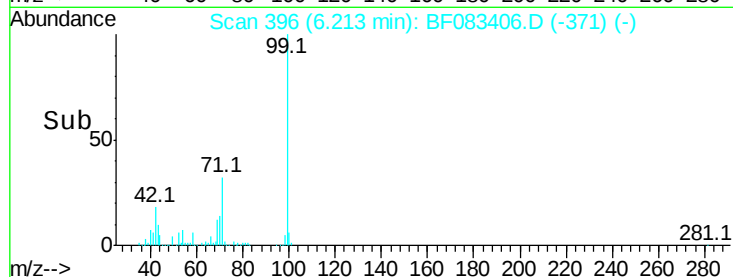
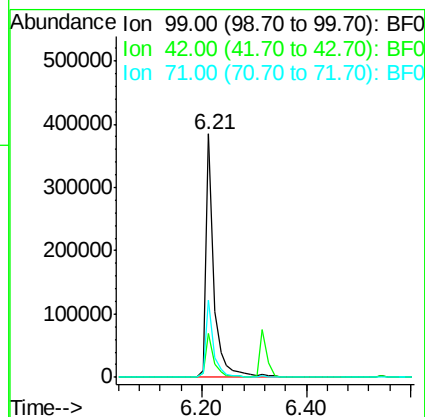
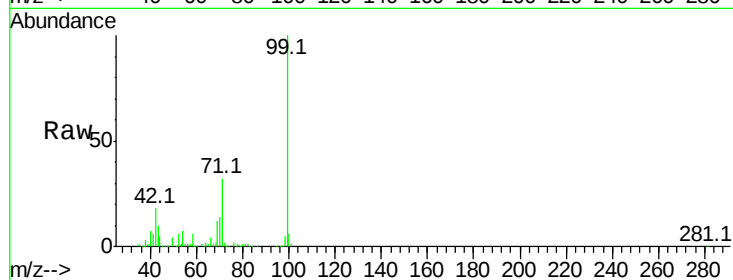
Tot Ion: 99 Resp: 418420

Ion Ratio Lower Upper

99 100

42 18.3 14.9 22.3

71 31.7 24.7 37.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083406.D

Acq: 2 Dec 2015 8:17

Tgt Ion: 136 Resp: 676887

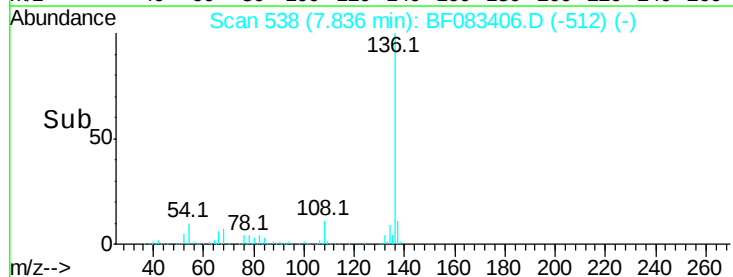
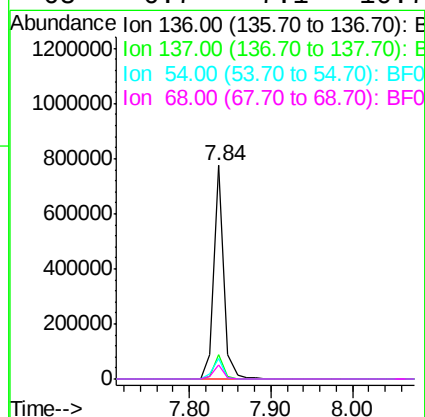
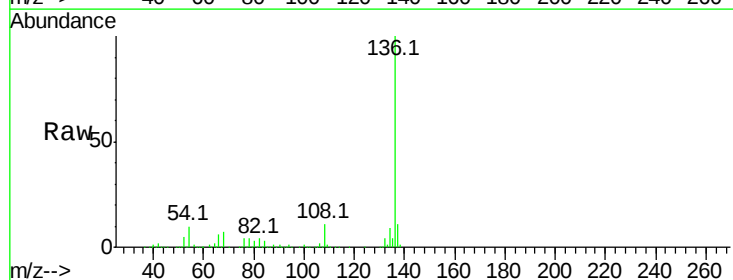
Ion Ratio Lower Upper

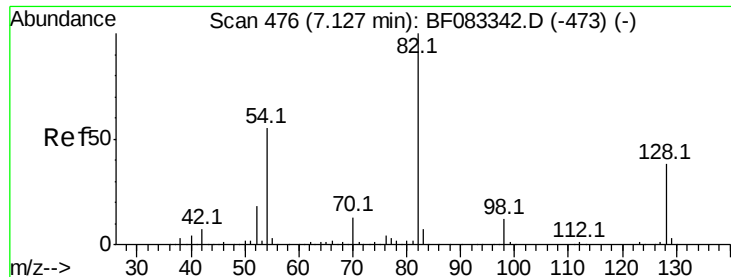
136 100

137 11.2 9.0 13.4

54 9.7 10.1 15.1#

68 6.7 7.1 10.7#

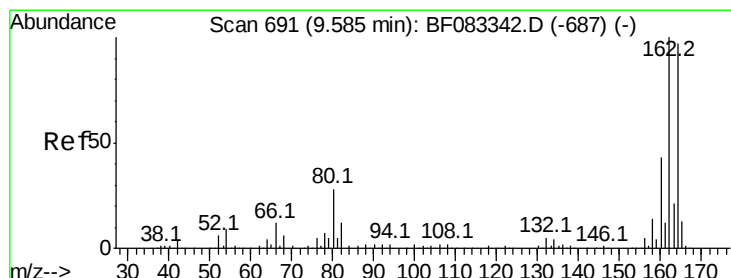
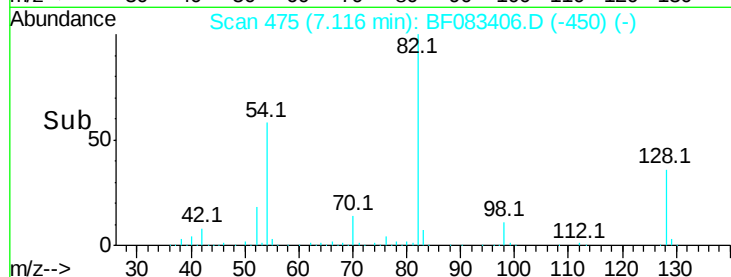
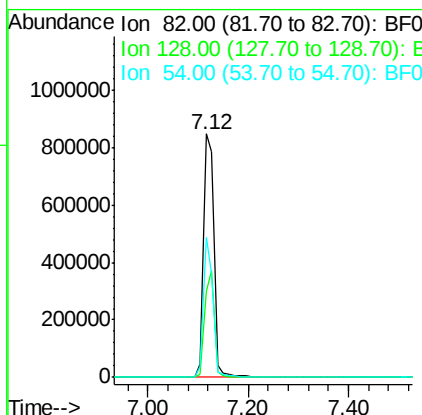
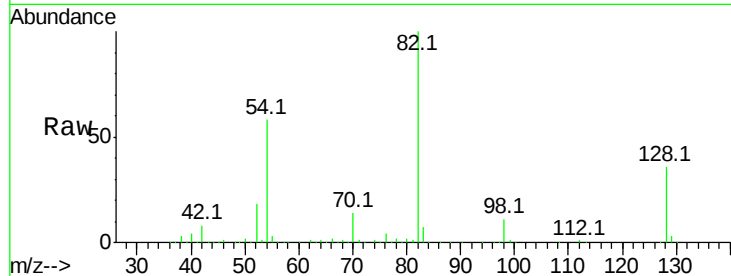




#23
Nitrobenzene-d5
Concen: 79.37 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083406.D
Acq: 2 Dec 2015 8:17

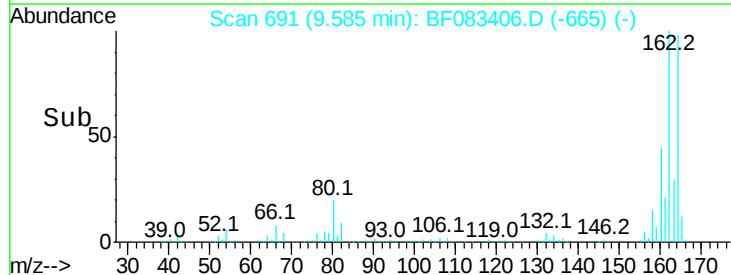
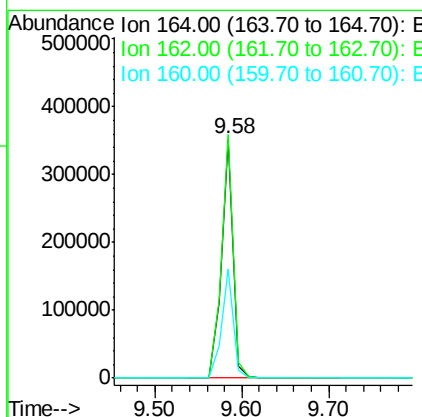
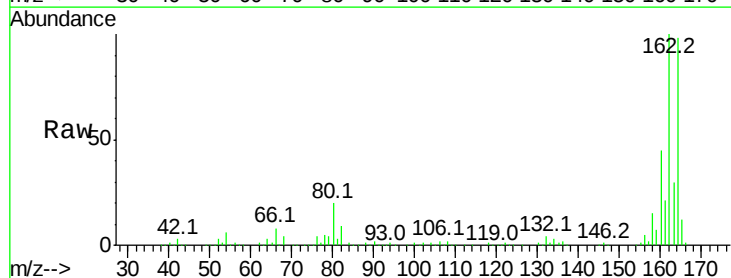
Instrument :
BNA_F
ClientSampleId :
112515-A263-F-U-S

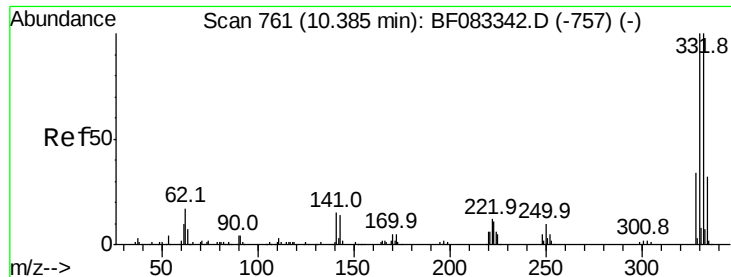
Tot Ion: 82 Resp: 1222201
Ion Ratio Lower Upper
82 100
128 35.6 30.6 46.0
54 57.7 43.8 65.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF083406.D
Acq: 2 Dec 2015 8:17

Tgt Ion:164 Resp: 335668
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 45.7 35.3 52.9

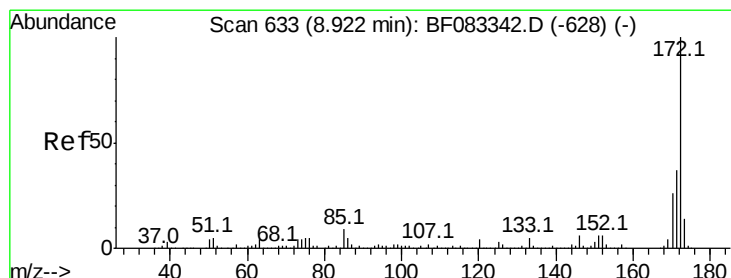
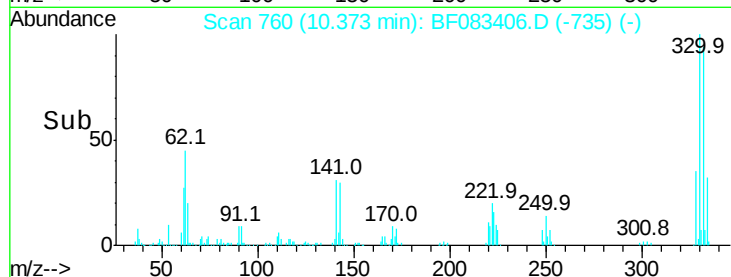
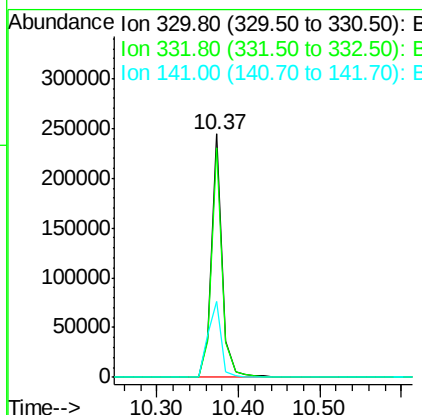
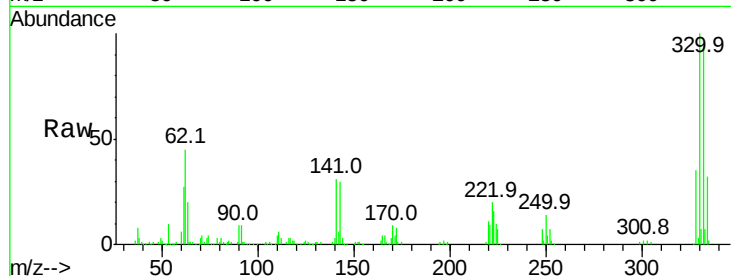




#41
 2,4,6-Tribromophenol
 Concen: 68.05 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083406.D
 Acq: 2 Dec 2015 8:17

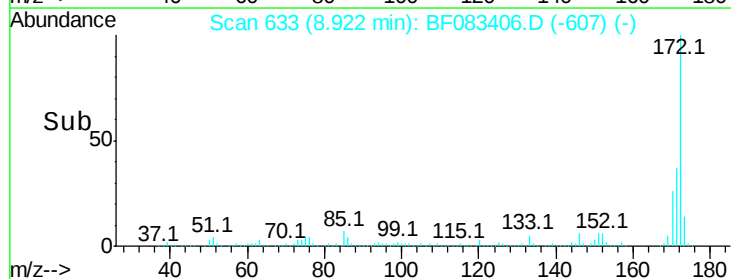
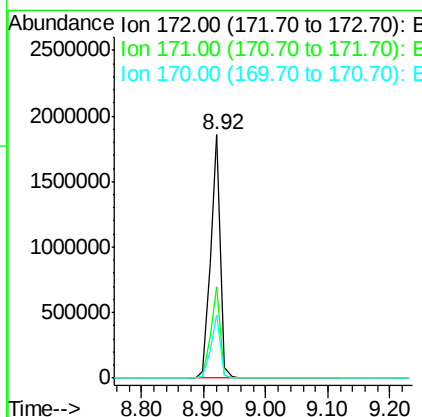
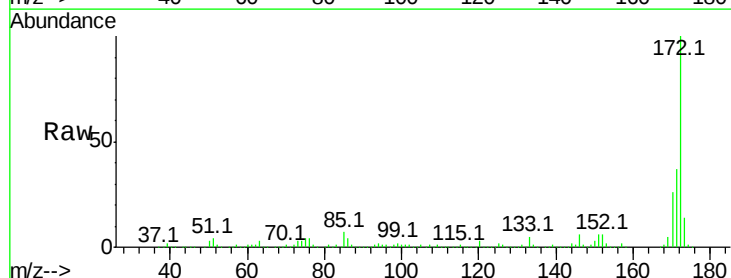
Instrument :
 BNA_F
 ClientSampleId :
 112515-A263-F-U-S

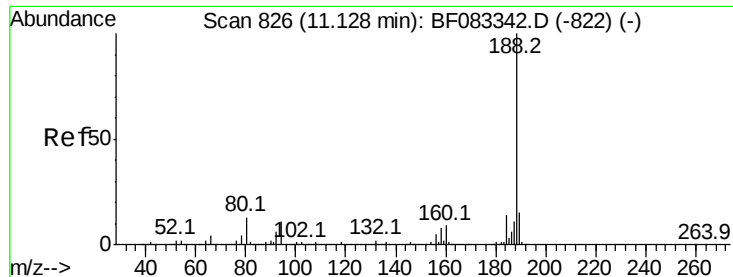
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.8	116.6
141	38.5	29.4	44.0



#44
 2-Fluorobiphenyl
 Concen: 84.53 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083406.D
 Acq: 2 Dec 2015 8:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	25.8	20.4	30.6

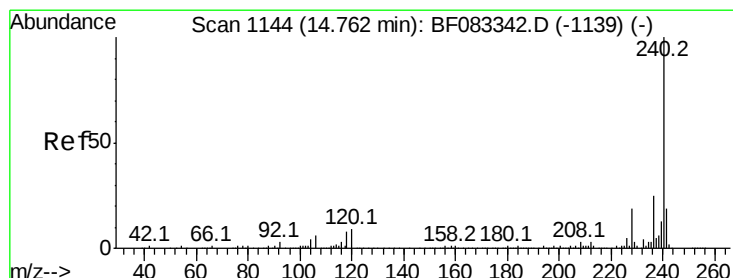
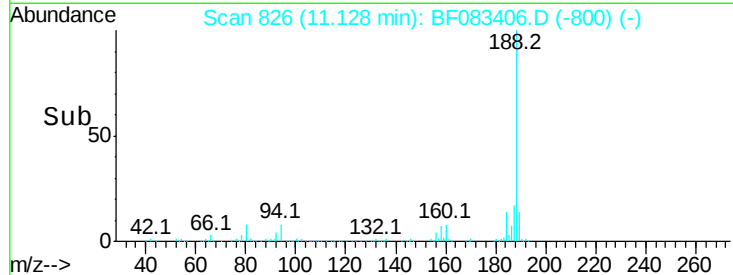
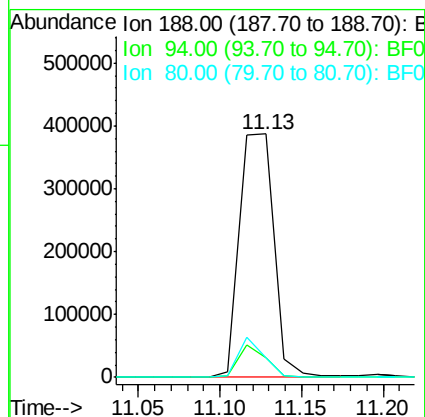
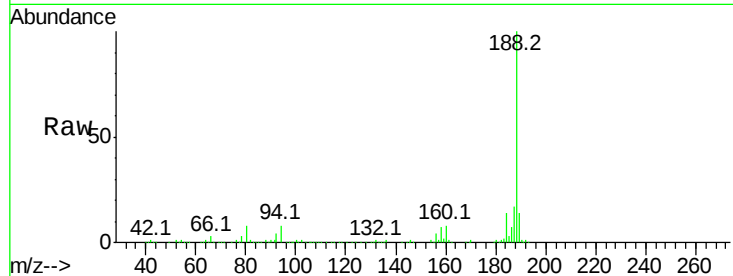




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083406.D
Acq: 2 Dec 2015 8:17

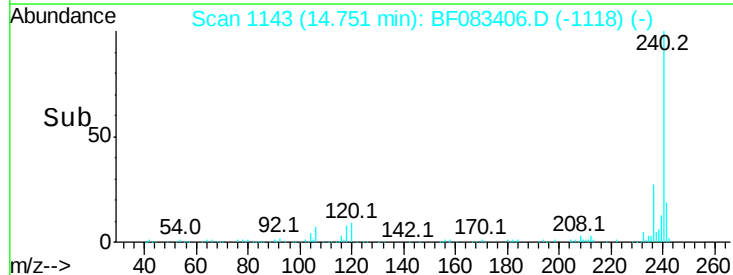
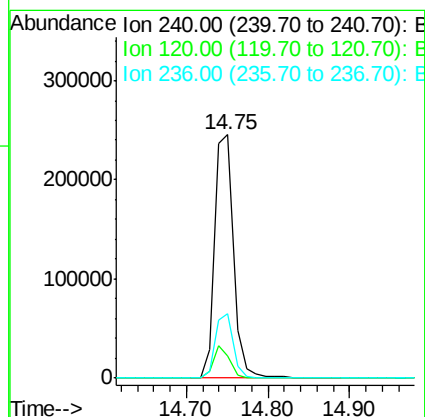
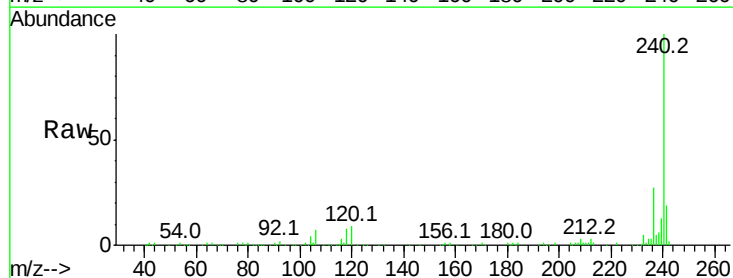
Instrument :
BNA_F
ClientSampleId :
112515-A263-F-U-S

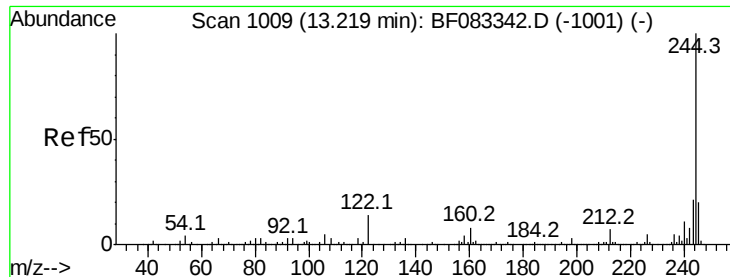
Tot Ion:188 Resp: 564227
Ion Ratio Lower Upper
188 100
94 7.9 8.7 13.1#
80 8.0 10.3 15.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083406.D
Acq: 2 Dec 2015 8:17

Tgt Ion:240 Resp: 396945
Ion Ratio Lower Upper
240 100
120 9.2 6.9 10.3
236 26.6 19.8 29.6





#78

Terphenyl-d14

Concen: 85.48 ng

RT: 13.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF083406.D

Acq: 2 Dec 2015 8:17

Instrument :

BNA_F

ClientSampleId :

112515-A263-F-U-S

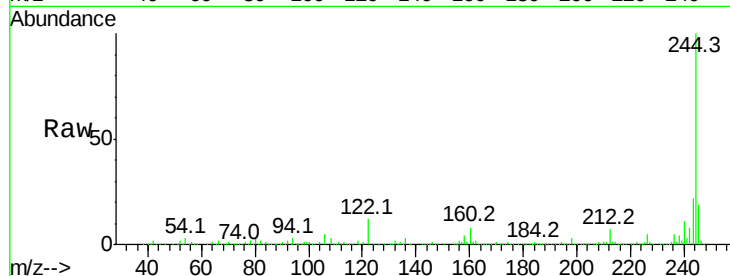
Tot Ion:244 Resp: 1422780

Ion Ratio Lower Upper

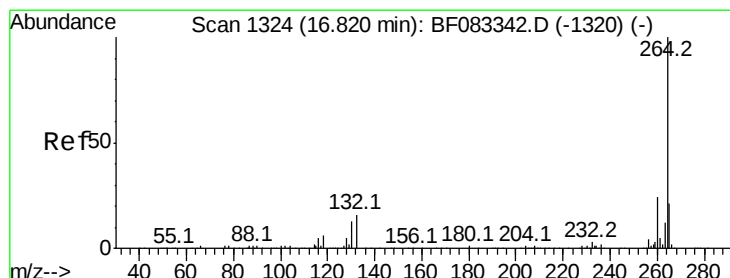
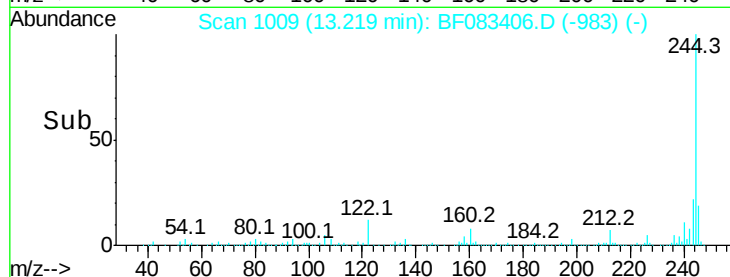
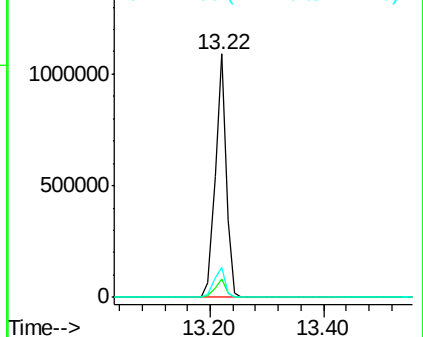
244 100

212 7.4 5.8 8.8

122 12.4 11.0 16.4



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: 16.82 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF083406.D

Acq: 2 Dec 2015 8:17

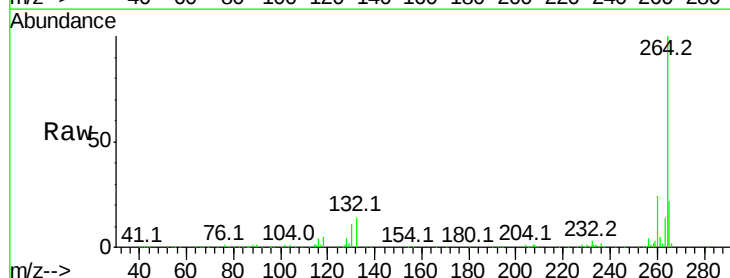
Tgt Ion:264 Resp: 421220

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.4

265 21.9 16.8 25.2



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

