

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083486.D
 Acq On : 4 Dec 2015 4:28
 Operator : UM/IZ
 Sample : G4588-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Quant Time: Dec 04 06:23:03 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

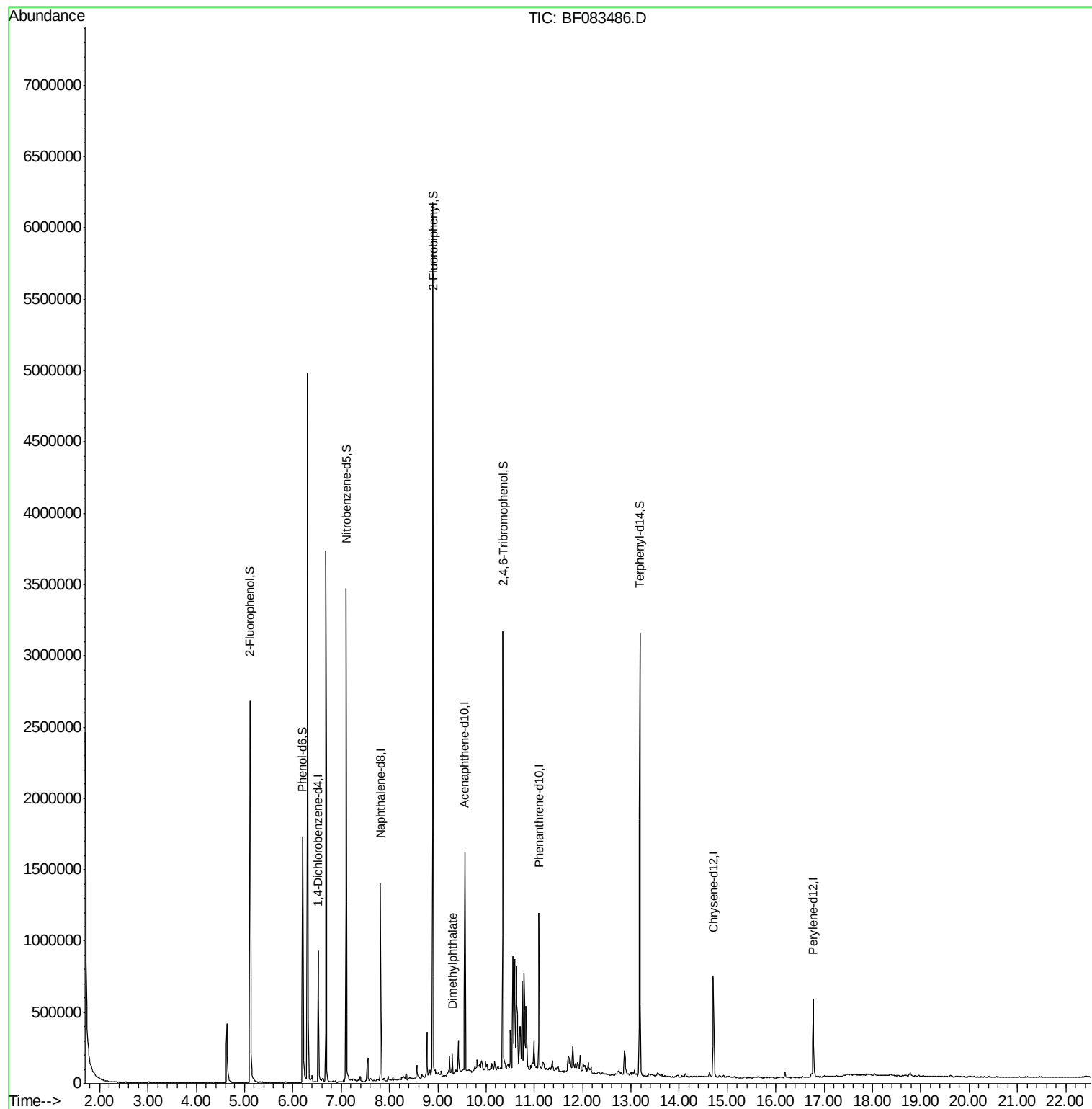
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	171652	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	636381	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	309561	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	437851	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	346818	20.00	ng	-0.06
86) Perylene-d12	16.77	264	281915	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	810166	70.82	ng	-0.01
7) Phenol-d6	6.20	99	710607	45.38	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1299005	89.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	323924	104.24	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1888815	86.95	ng	-0.02
78) Terphenyl-d14	13.19	244	1303778	89.65	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.30	163	59344	2.36	ng	Qvalue 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083486.D

Acq: 4 Dec 2015 4:28

Instrument :

BNA_F

ClientSampled :

MW-14

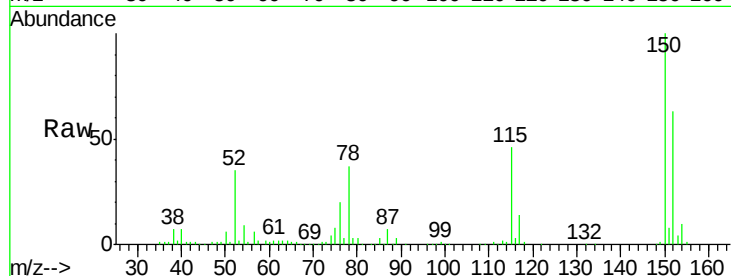
Tot Ion:152 Resp: 171652

Ion Ratio Lower Upper

152 100

150 157.9 129.8 194.8

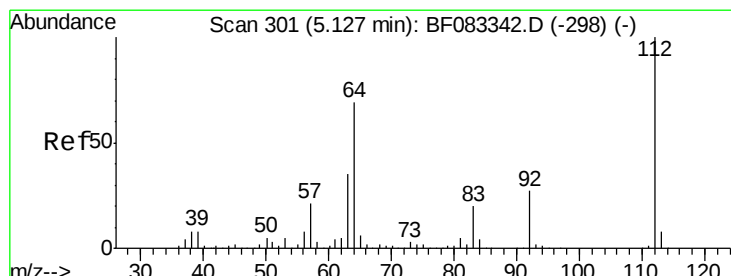
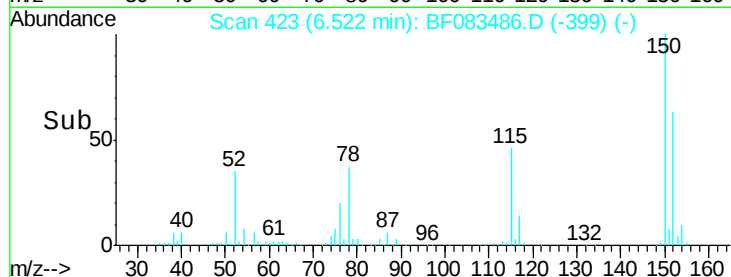
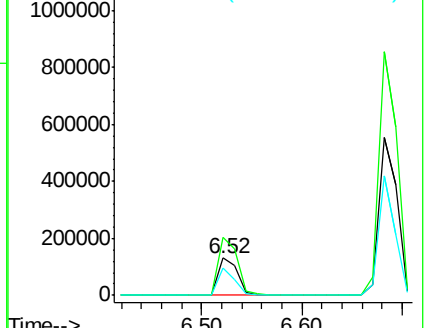
115 72.6 59.2 88.8



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: 70.82 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083486.D

Acq: 4 Dec 2015 4:28

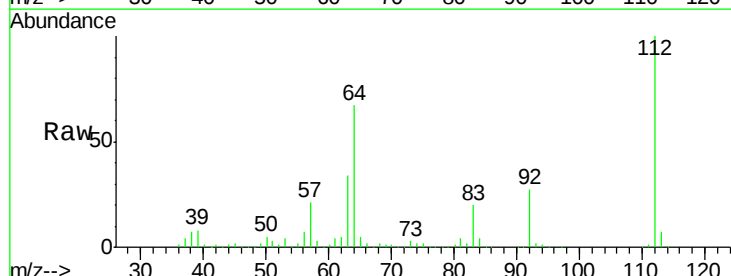
Tgt Ion:112 Resp: 810166

Ion Ratio Lower Upper

112 100

64 67.1 55.6 83.4

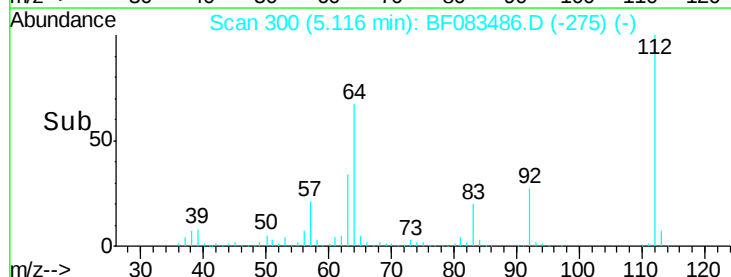
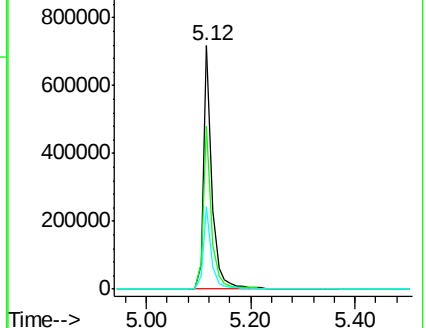
63 33.8 28.2 42.2

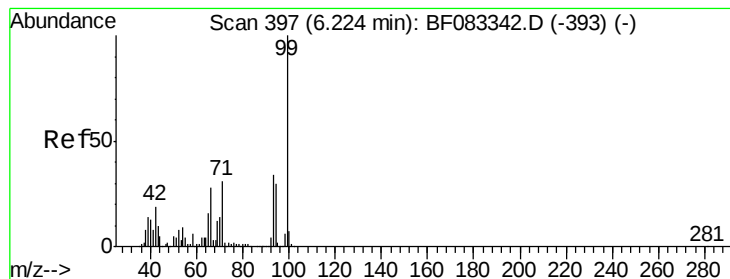


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.38 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083486.D

Acq: 4 Dec 2015 4:28

Instrument :

BNA_F

ClientSampleId :

MW-14

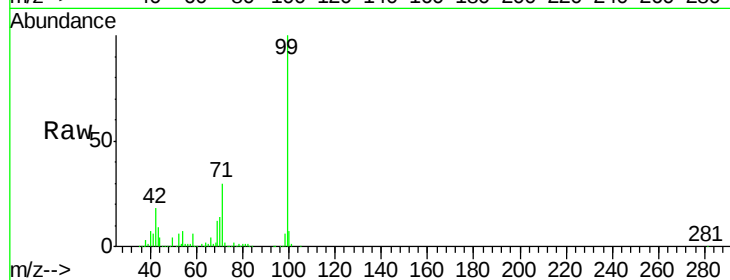
Tot Ion: 99 Resp: 710607

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

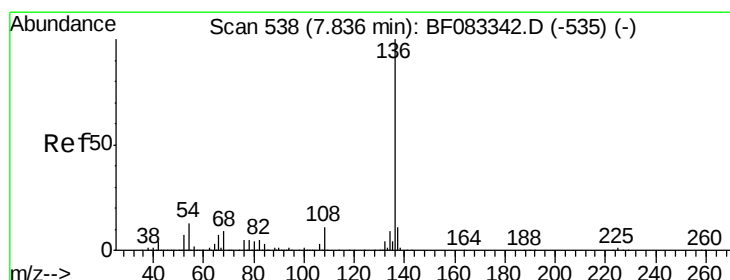
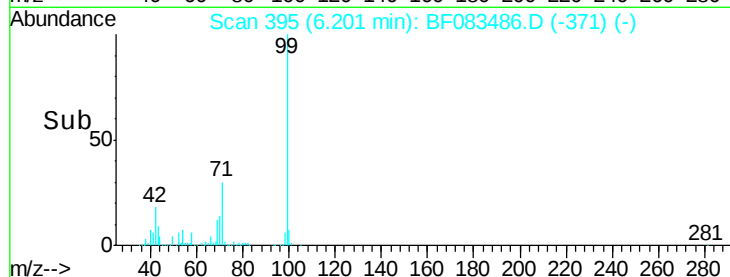
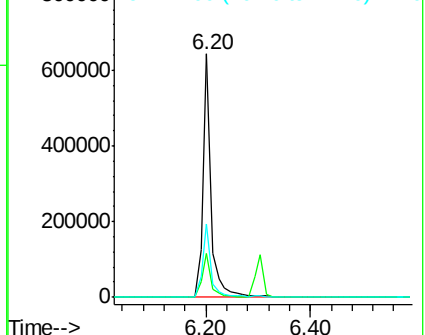
71 30.2 24.7 37.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083486.D

Acq: 4 Dec 2015 4:28

Tgt Ion: 136 Resp: 636381

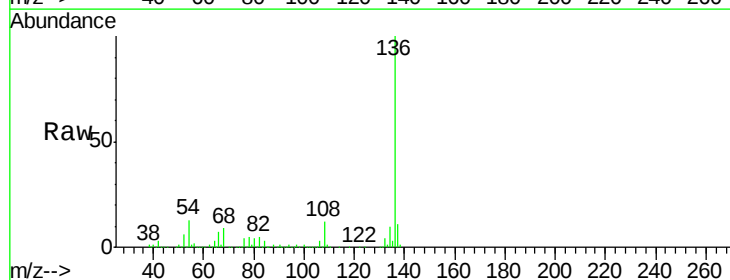
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 12.6 10.1 15.1

68 8.6 7.1 10.7

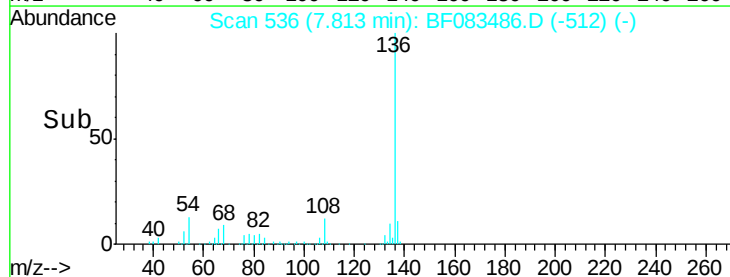
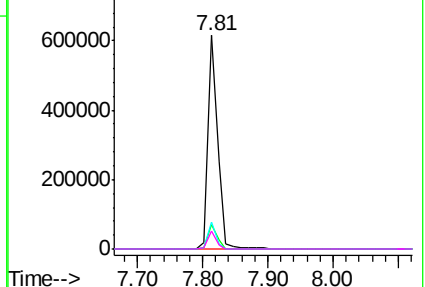


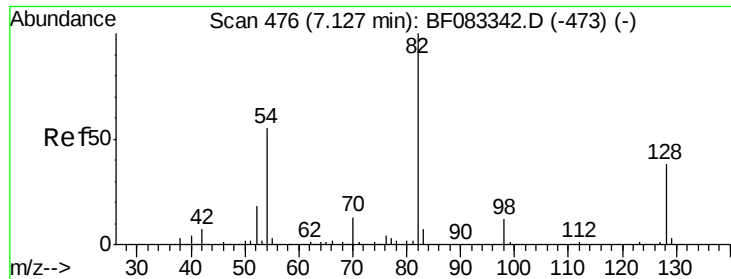
Abundance Ion 136.00 (135.70 to 136.70): E

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



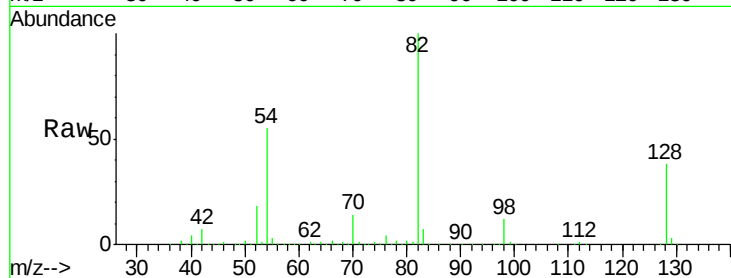


#23
 Nitrobenzene-d5
 Concen: 89.73 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.02 min
 Lab File: BF083486.D
 Acq: 4 Dec 2015 4:28

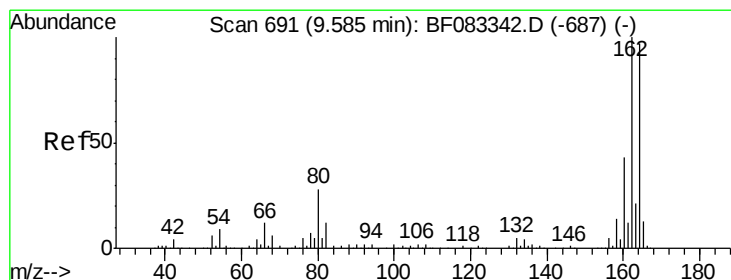
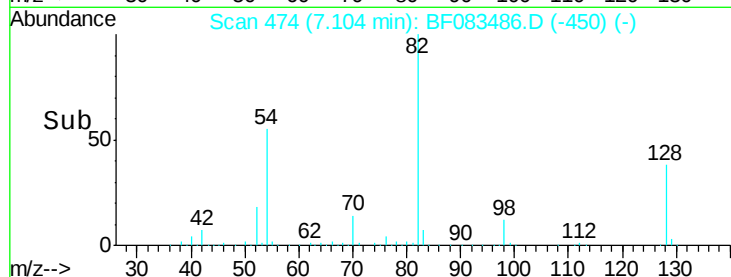
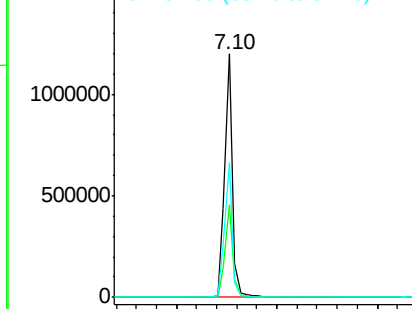
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion: 82 Resp: 1299005

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.6	46.0
54	55.3	43.8	65.6



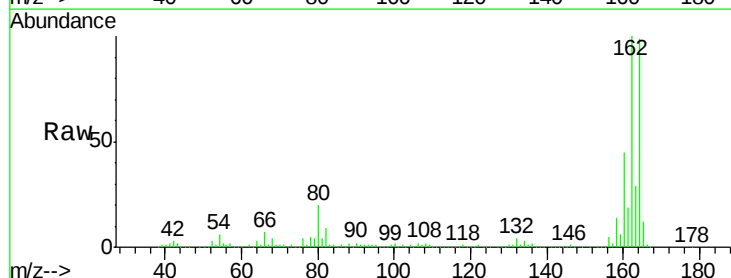
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



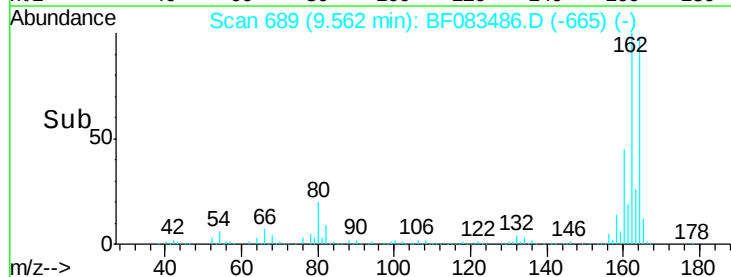
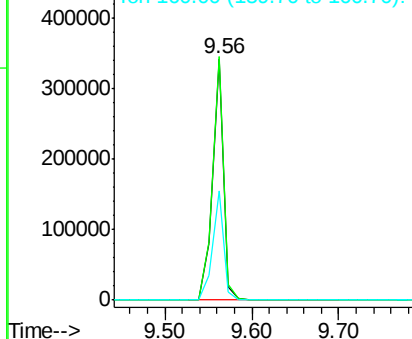
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF083486.D
 Acq: 4 Dec 2015 4:28

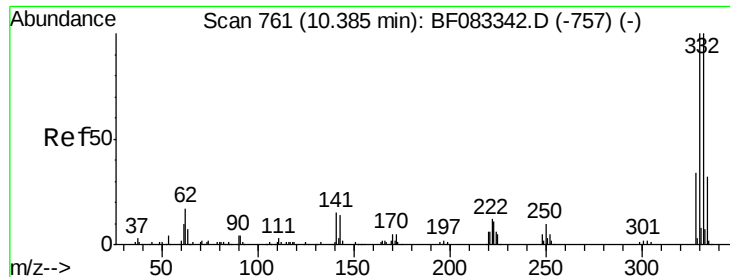
Tgt Ion: 164 Resp: 309561

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	45.4	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

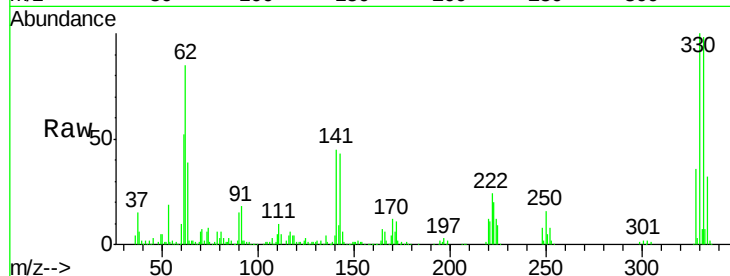




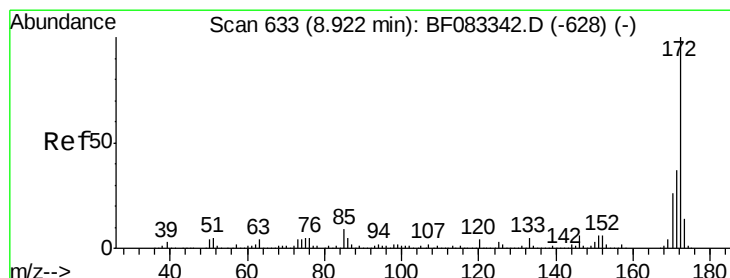
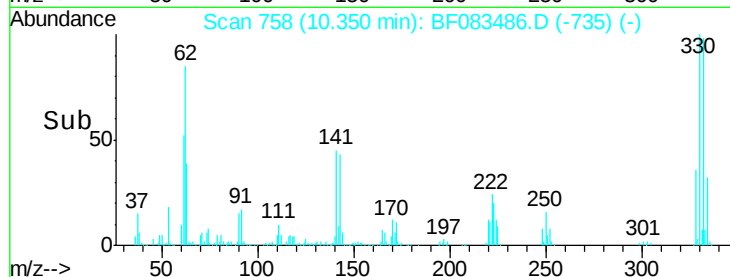
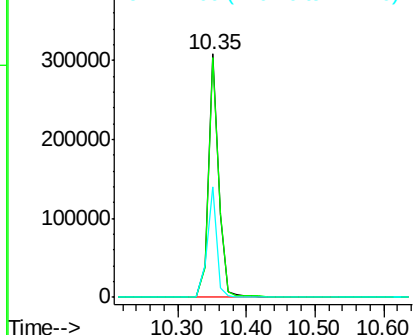
#41
 2,4,6-Tribromophenol
 Concen: 104.24 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083486.D
 Acq: 4 Dec 2015 4:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.8	116.6
141	41.8	29.4	44.0

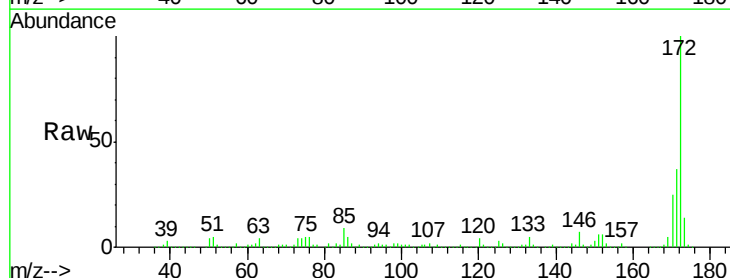


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

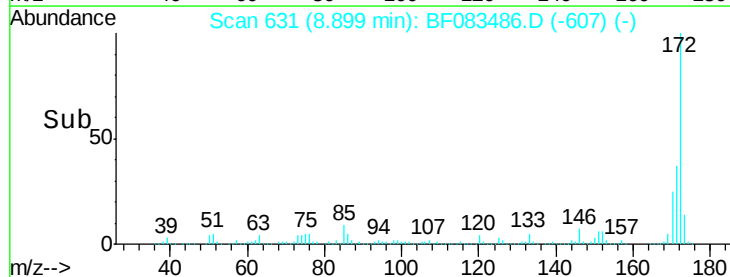
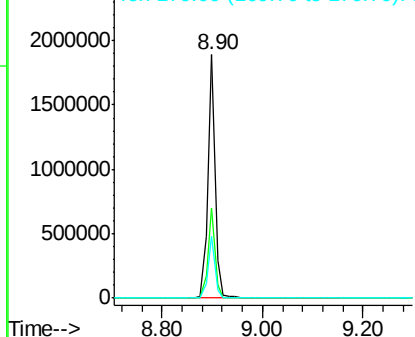


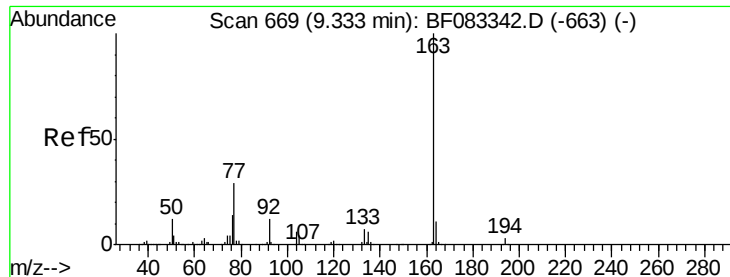
#44
 2-Fluorobiphenyl
 Concen: 86.95 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083486.D
 Acq: 4 Dec 2015 4:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.4	44.0
170	25.5	20.4	30.6



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

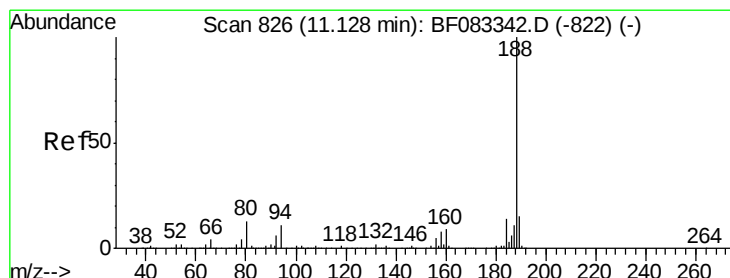
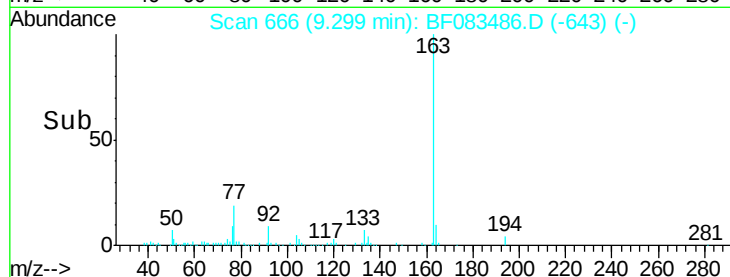
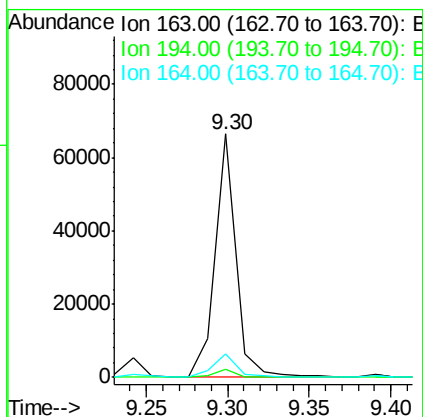
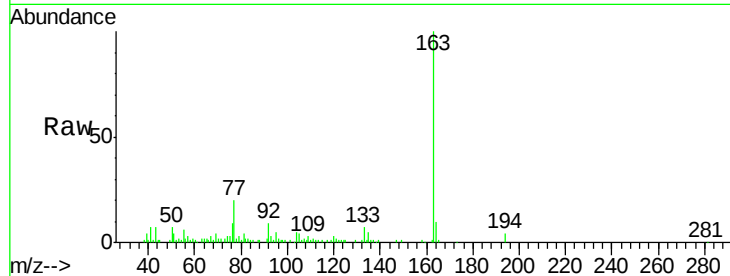




#49
Dimethylphthalate
Concen: 2.36 ng
RT: 9.30 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF083486.D
Acq: 4 Dec 2015 4:28

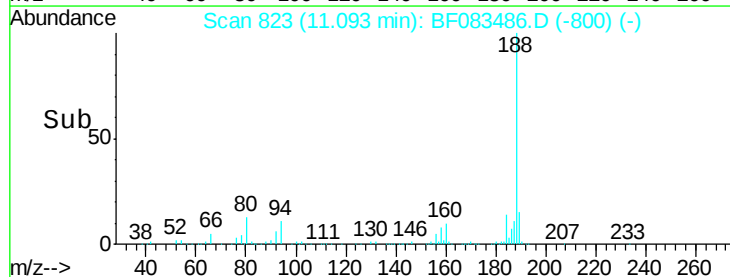
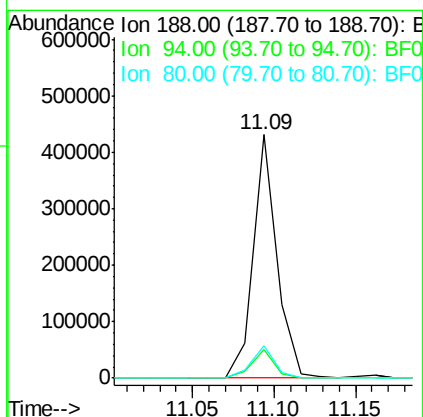
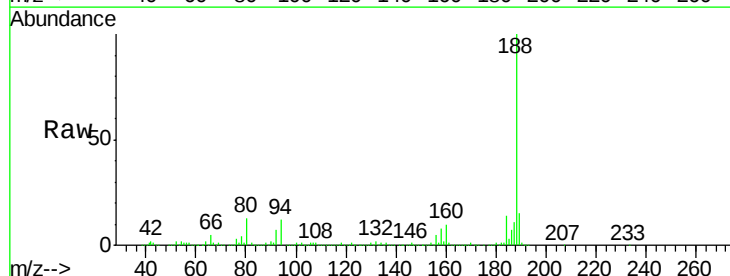
Instrument :
BNA_F
ClientSampleId :
MW-14

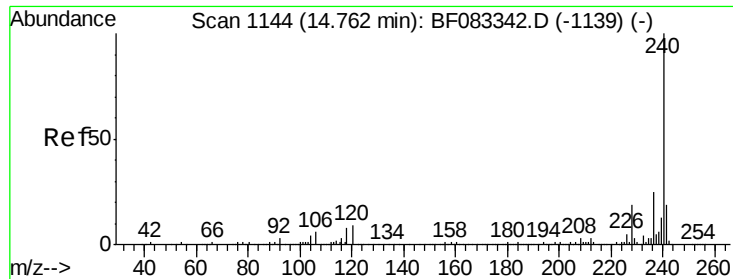
Tot Ion:163 Resp: 59344
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.7 8.8 13.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF083486.D
Acq: 4 Dec 2015 4:28

Tgt Ion:188 Resp: 437851
Ion Ratio Lower Upper
188 100
94 11.7 8.7 13.1
80 13.3 10.3 15.5

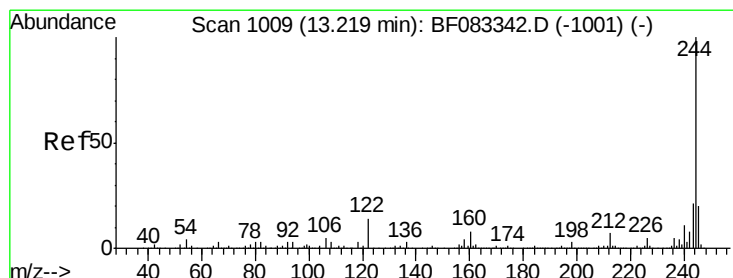
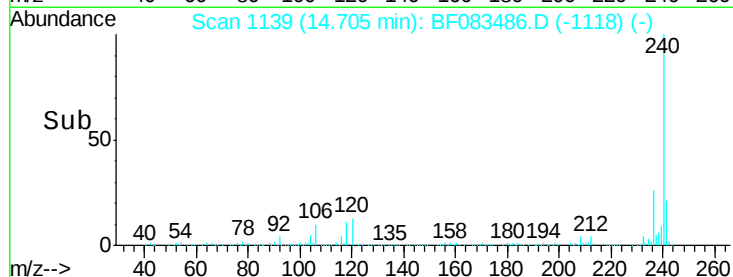
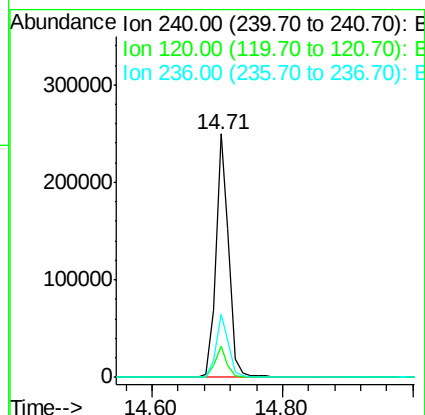
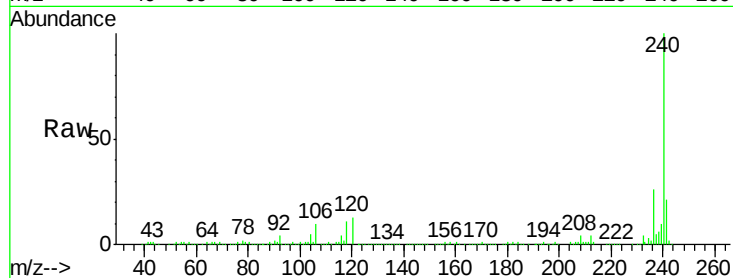




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1139
 Delta R.T. -0.06 min
 Lab File: BF083486.D
 Acq: 4 Dec 2015 4:28

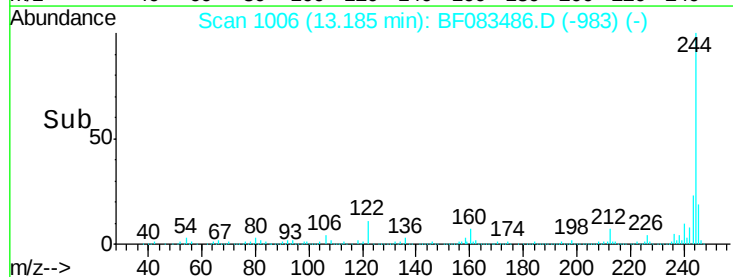
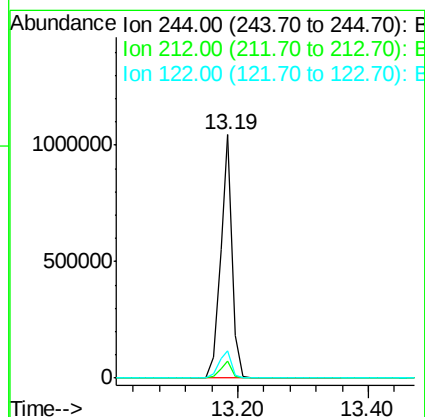
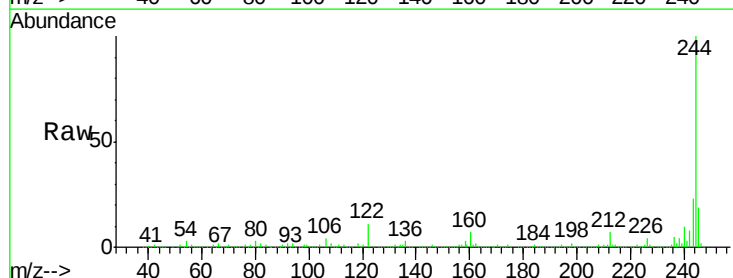
Instrument :
 BNA_F
 ClientSampleId :
 MW-14

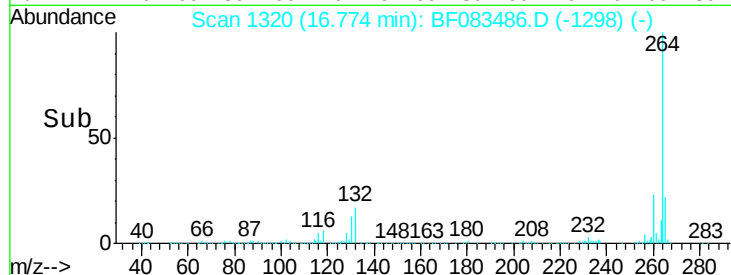
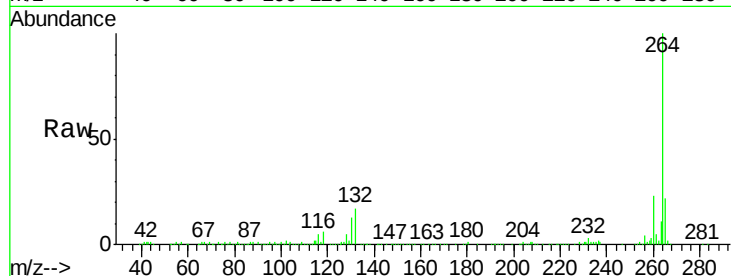
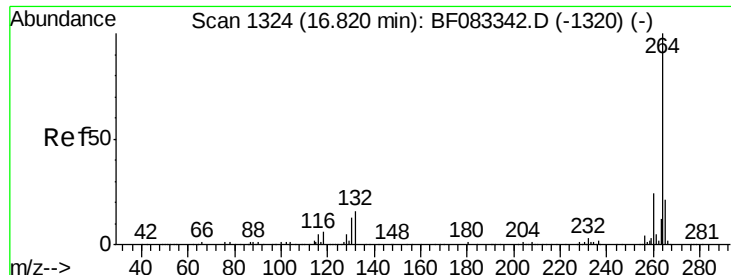
Tot Ion:240 Resp: 346818
 Ion Ratio Lower Upper
 240 100
 120 12.9 6.9 10.3#
 236 25.9 19.8 29.6



#78
 Terphenyl-d14
 Concen: 89.65 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083486.D
 Acq: 4 Dec 2015 4:28

Tgt Ion:244 Resp: 1303778
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.2 11.0 16.4





#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.77 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF083486.D
Acq: 4 Dec 2015 4:28

Instrument :
BNA_F
ClientSampleId :
MW-14

Tot Ion:	264	Resp:	281915
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.0	28.4
265	21.6	16.8	25.2

