

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083492.D
 Acq On : 4 Dec 2015 7:32
 Operator : UM/IZ
 Sample : G4588-09
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Dec 04 09:48:58 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

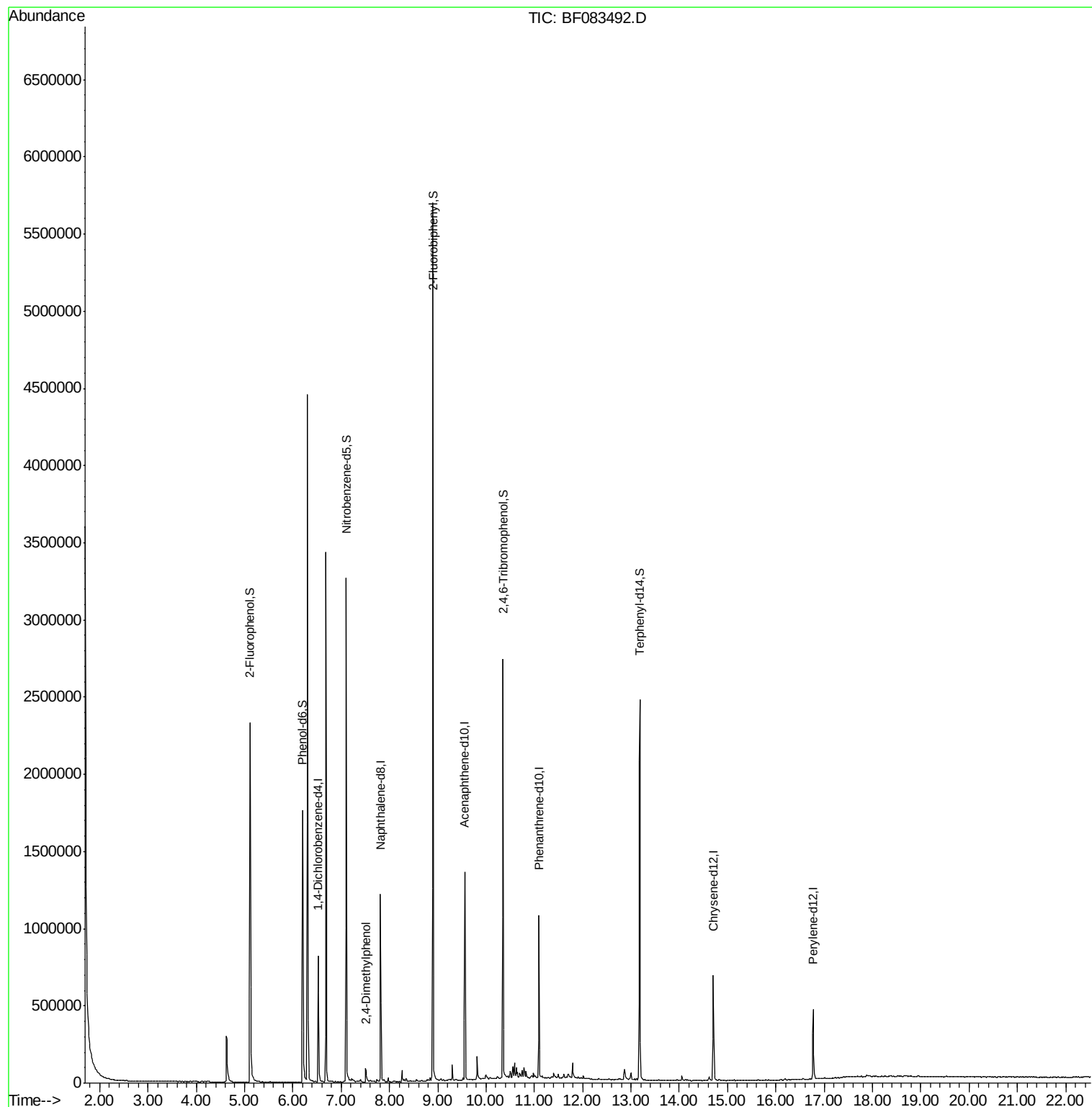
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	159661	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	583568	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	271909	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	407940	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	333547	20.00	ng	-0.06
86) Perylene-d12	16.77	264	256997	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	742334	69.77	ng	-0.01
7) Phenol-d6	6.20	99	665233	45.68	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1157927	87.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	306707	112.37	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1707413	89.48	ng	-0.02
78) Terphenyl-d14	13.19	244	1208061	86.38	ng	-0.03
Target Compounds						
27) 2,4-Dimethylphenol	7.50	122	30364	3.13	ng	Qvalue 92

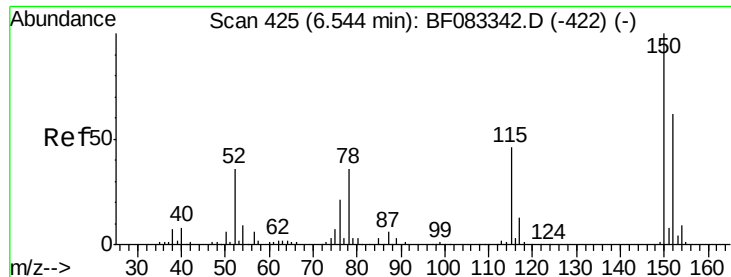
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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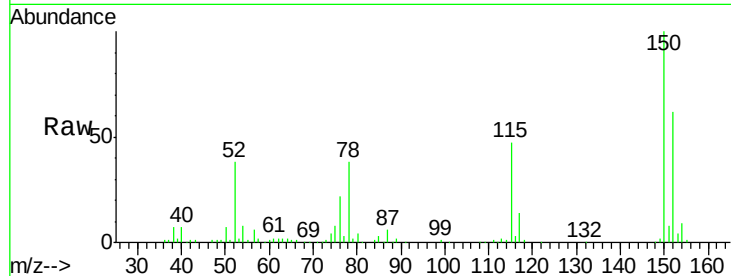


#1

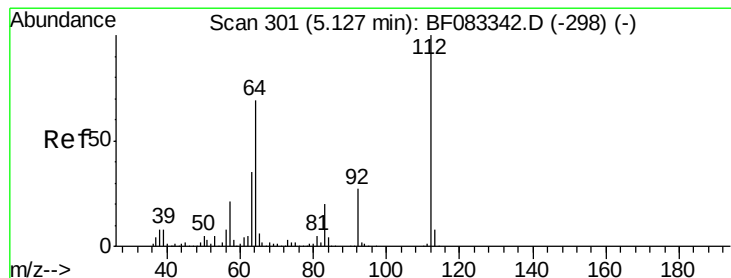
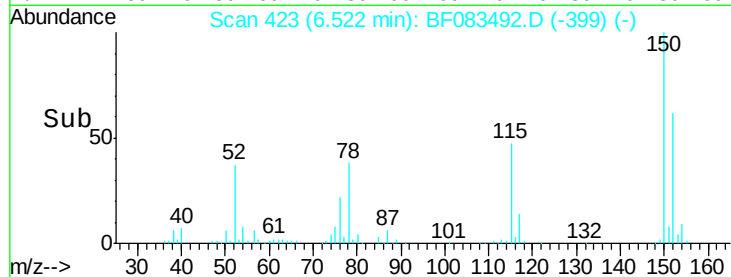
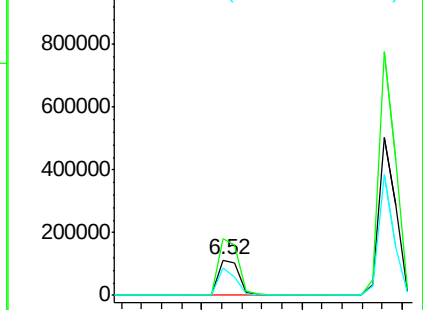
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083492.D
Acq: 4 Dec 2015 7:32

Instrument :
BNA_F
ClientSampleId :
MW-16

Tot Ion:152 Resp: 159661
Ion Ratio Lower Upper
152 100
150 160.4 129.8 194.8
115 76.2 59.2 88.8



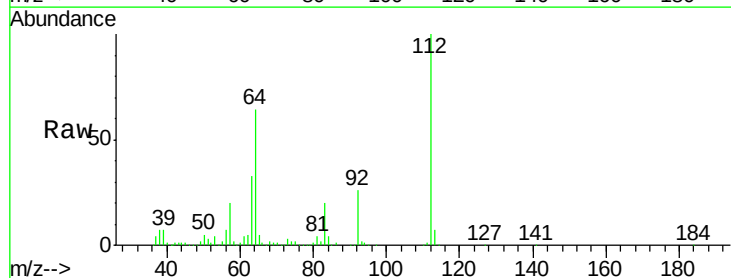
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



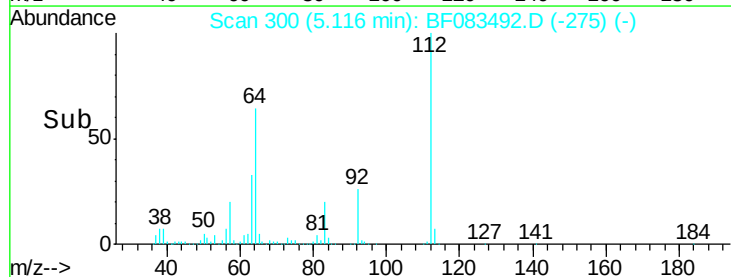
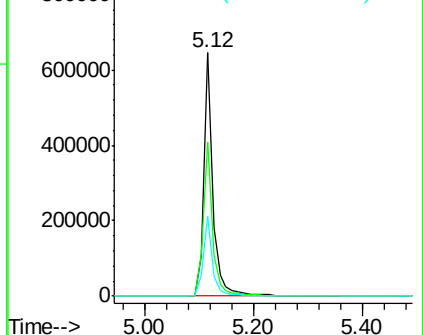
#5

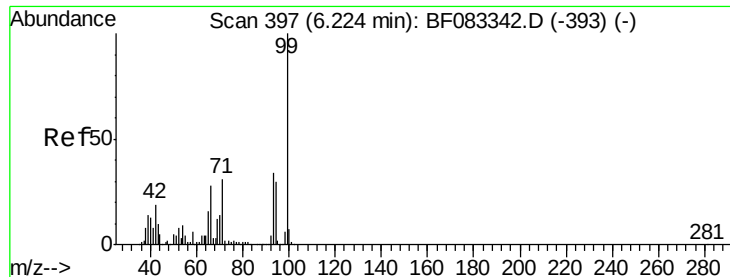
2-Fluorophenol
Concen: 69.77 ng
RT: 5.12 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083492.D
Acq: 4 Dec 2015 7:32

Tgt Ion:112 Resp: 742334
Ion Ratio Lower Upper
112 100
64 63.5 55.6 83.4
63 32.7 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: 45.68 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083492.D

Acq: 4 Dec 2015 7:32

Instrument :

BNA_F

ClientSampleId :

MW-16

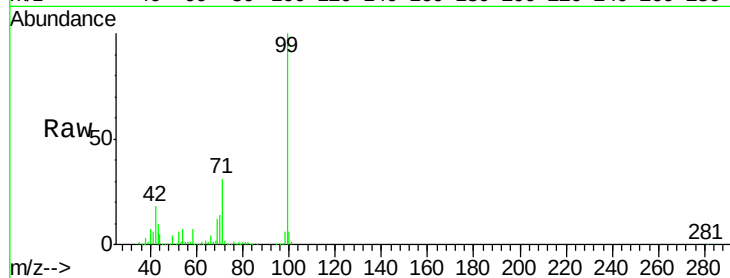
Tot Ion: 99 Resp: 665233

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

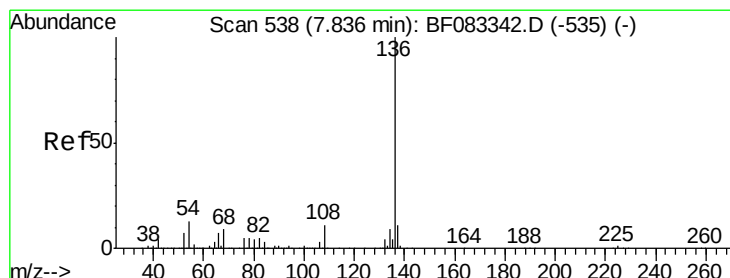
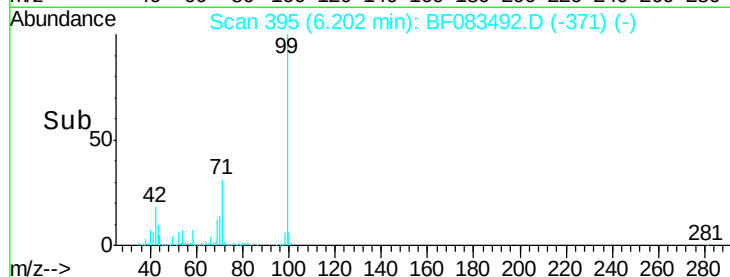
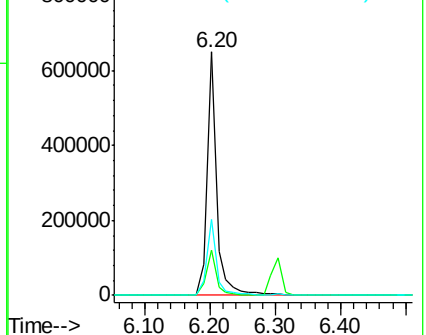
71 31.1 24.7 37.1



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: BF083492.D

Acq: 4 Dec 2015 7:32

Tgt Ion: 136 Resp: 583568

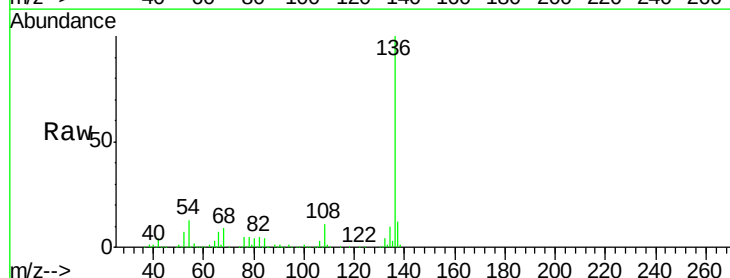
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.4

54 12.6 10.1 15.1

68 8.9 7.1 10.7

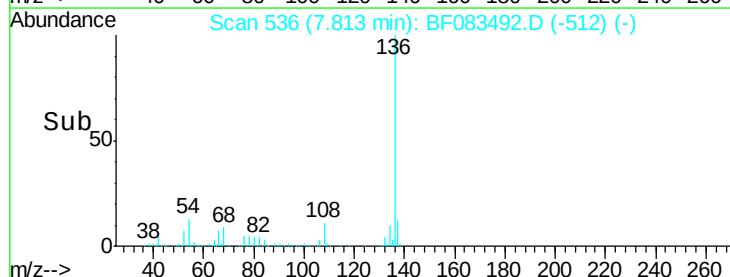
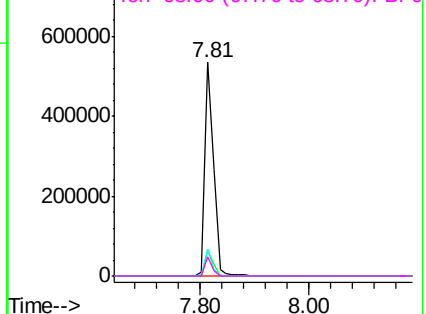


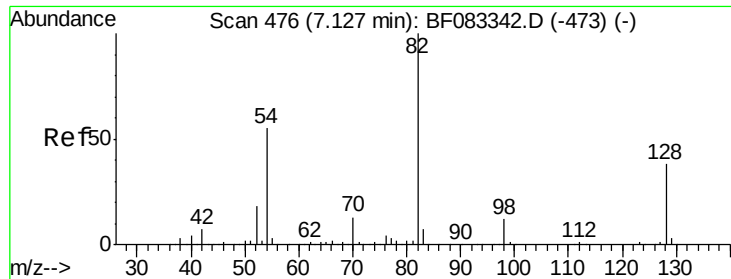
Abundance Ion 136.00 (135.70 to 136.70): E

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



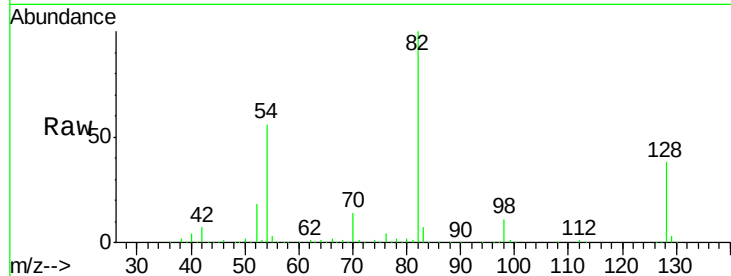


#23
 Nitrobenzene-d5
 Concen: 87.22 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.02 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

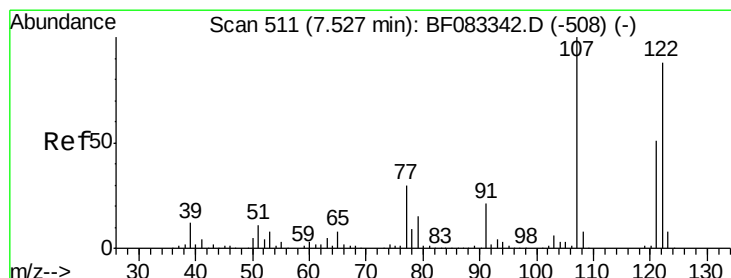
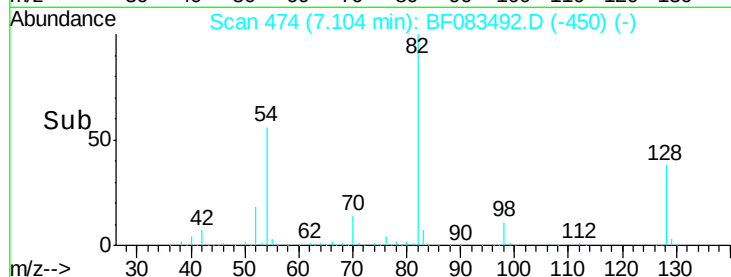
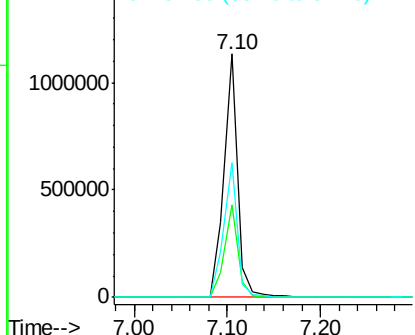
Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion: 82 Resp: 1157927

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.6	46.0
54	55.6	43.8	65.6



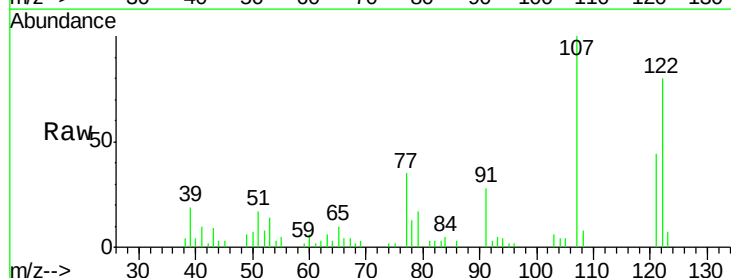
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



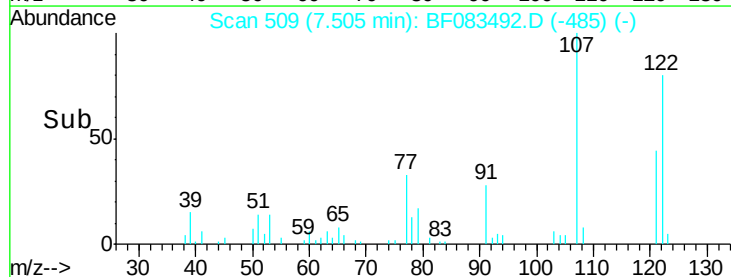
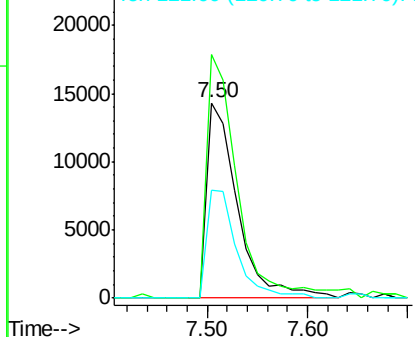
#27
 2,4-Dimethylphenol
 Concen: 3.13 ng
 RT: 7.50 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

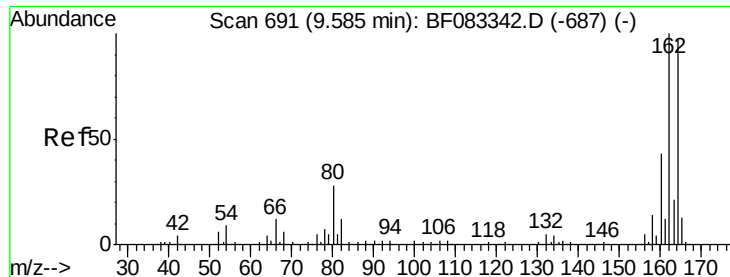
Tgt Ion: 122 Resp: 30364

Ion	Ratio	Lower	Upper
122	100		
107	124.8	91.2	136.8
121	55.3	46.4	69.6



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF083492.D

Acq: 4 Dec 2015 7:32

Instrument :

BNA_F

ClientSampleId :

MW-16

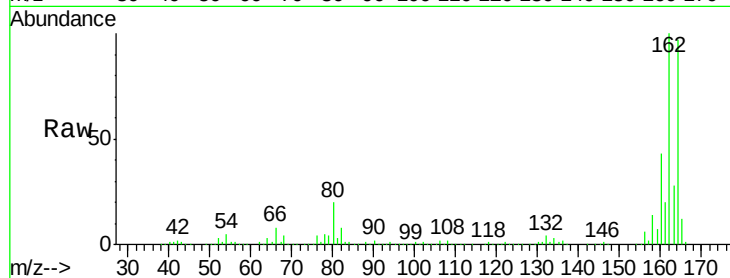
Tot Ion:164 Resp: 271909

Ion Ratio Lower Upper

164 100

162 103.3 82.6 123.8

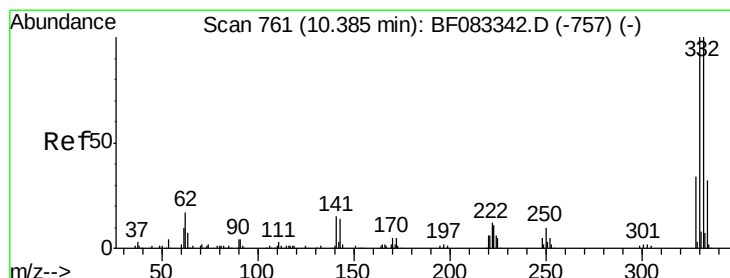
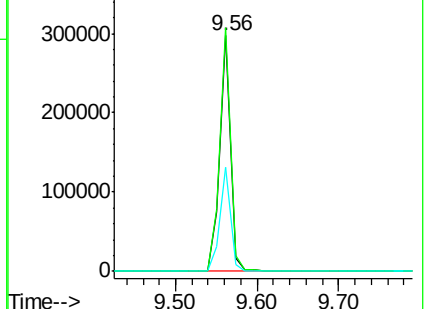
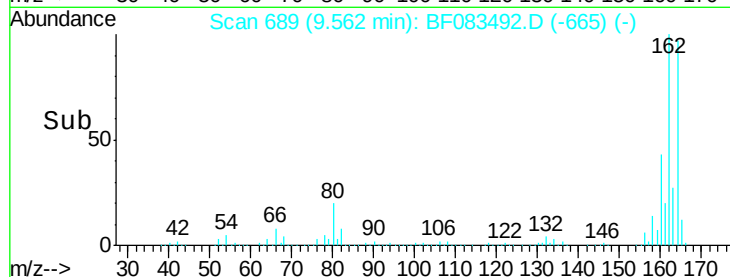
160 44.0 35.3 52.9



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: 112.37 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF083492.D

Acq: 4 Dec 2015 7:32

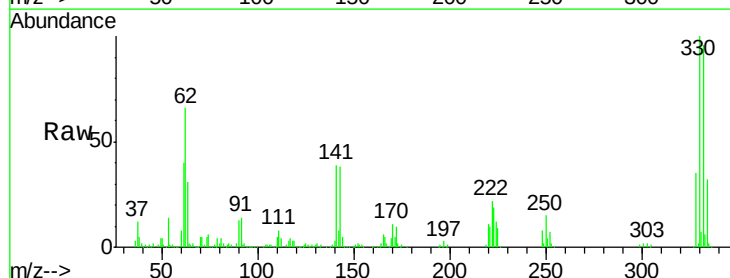
Tgt Ion:330 Resp: 306707

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.6

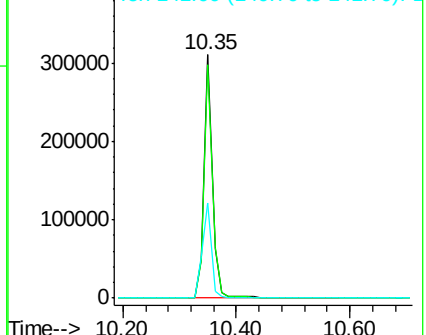
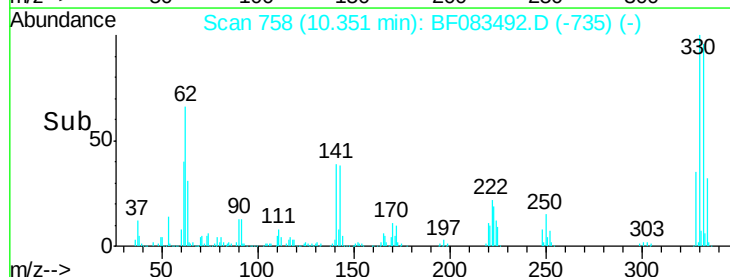
141 43.0 29.4 44.0

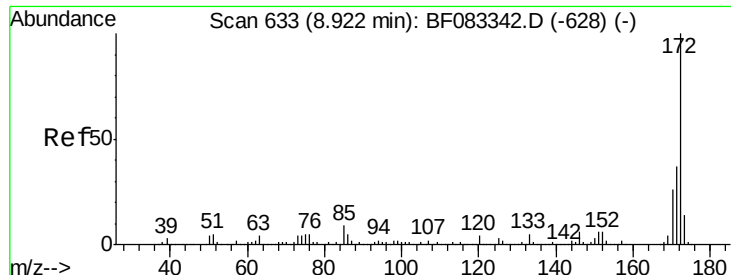


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

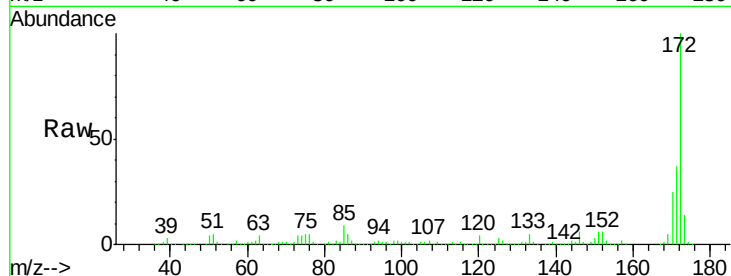




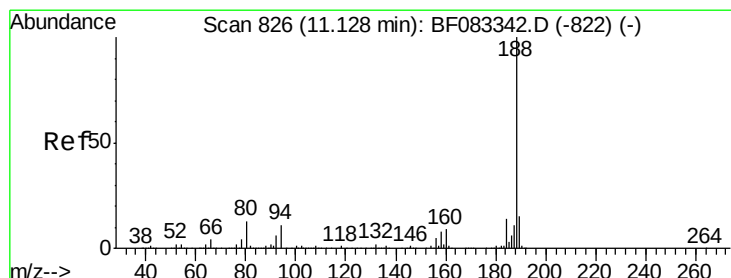
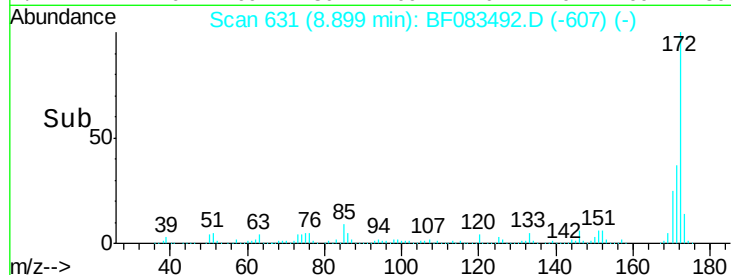
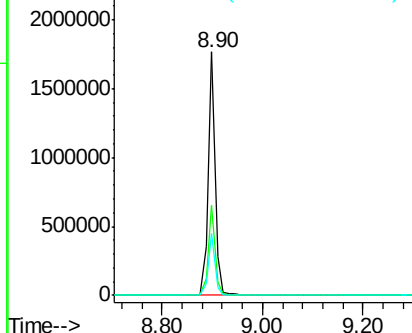
#44
 2-Fluorobiphenyl
 Concen: 89.48 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion:172 Resp: 1707413
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 25.3 20.4 30.6

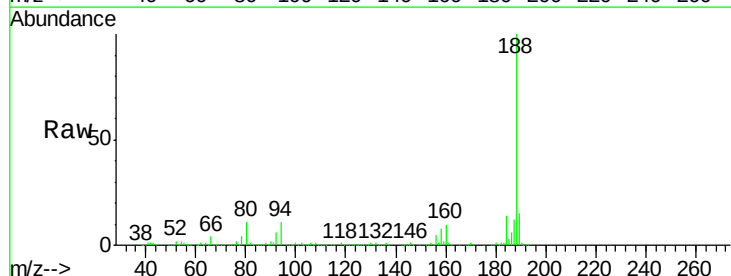


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

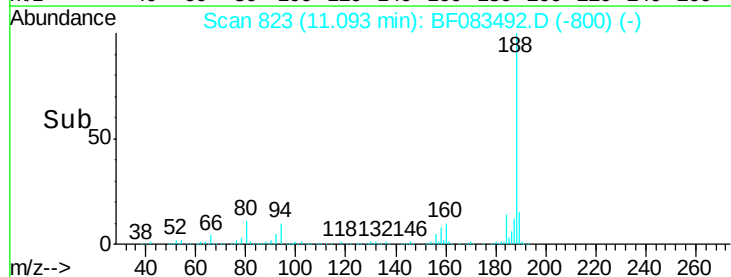
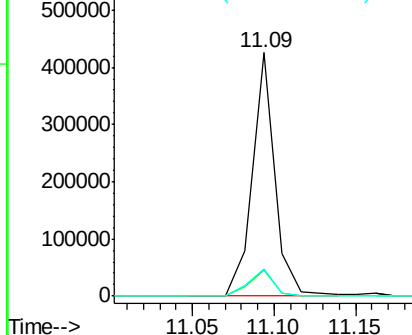


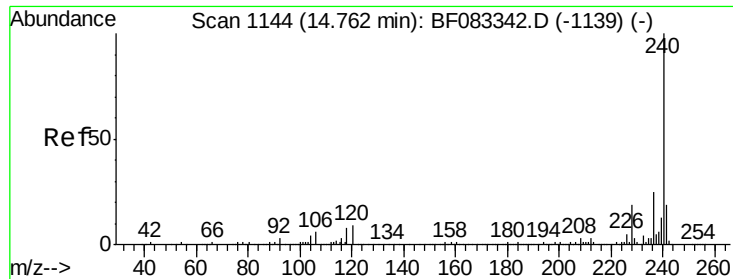
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

Tgt Ion:188 Resp: 407940
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.7 13.1
 80 11.1 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

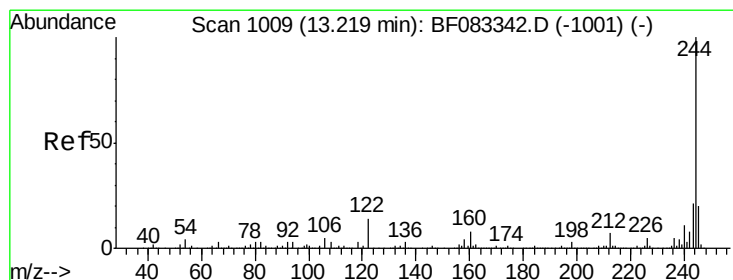
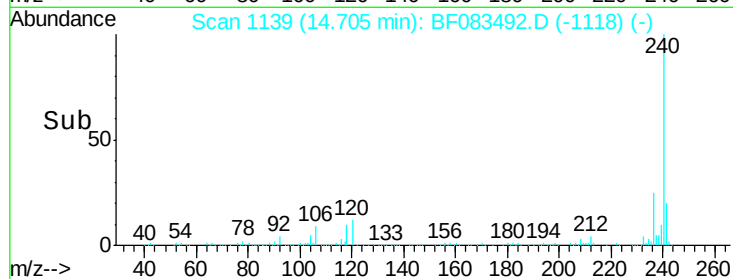
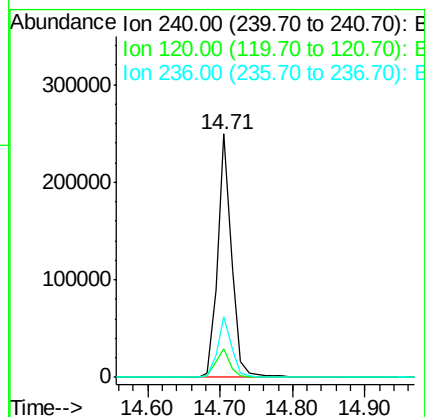
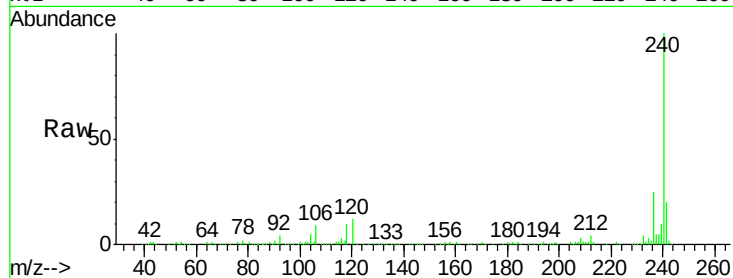




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1139
 Delta R.T. -0.06 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

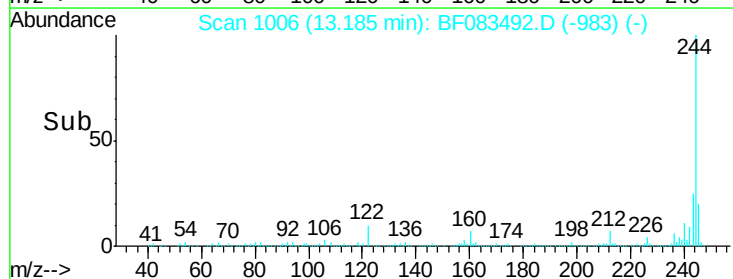
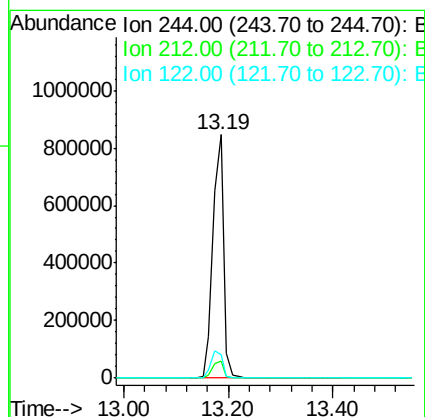
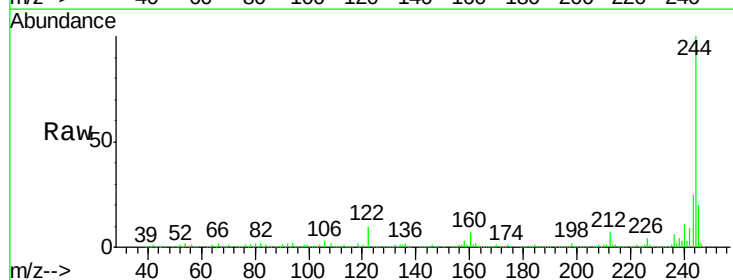
Instrument :
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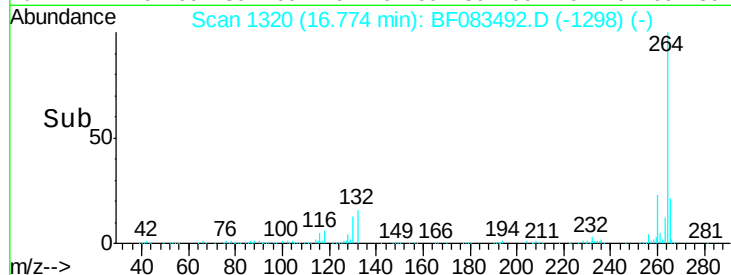
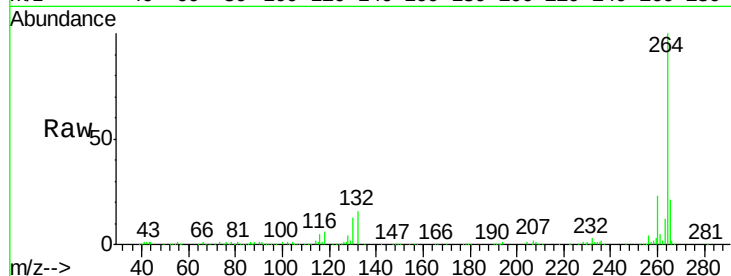
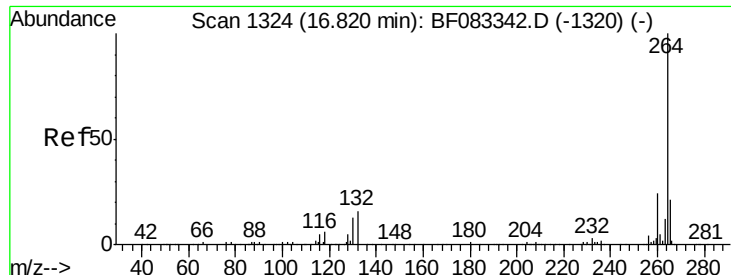
Tot Ion:240 Resp: 333547
 Ion Ratio Lower Upper
 240 100
 120 11.8 6.9 10.3#
 236 25.0 19.8 29.6



#78
 Terphenyl-d14
 Concen: 86.38 ng
 RT: 13.19 min Scan# 1006
 Delta R.T. -0.03 min
 Lab File: BF083492.D
 Acq: 4 Dec 2015 7:32

Tgt Ion:244 Resp: 1208061
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.7 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: BF083492.D
 Acq: 4 Dec 2015 7:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tot Ion:	264	Resp:	256997
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	20.8	16.8	25.2

