

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083495.D
 Acq On : 4 Dec 2015 9:04
 Operator : UM/IZ
 Sample : G4588-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Dec 04 10:32:58 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

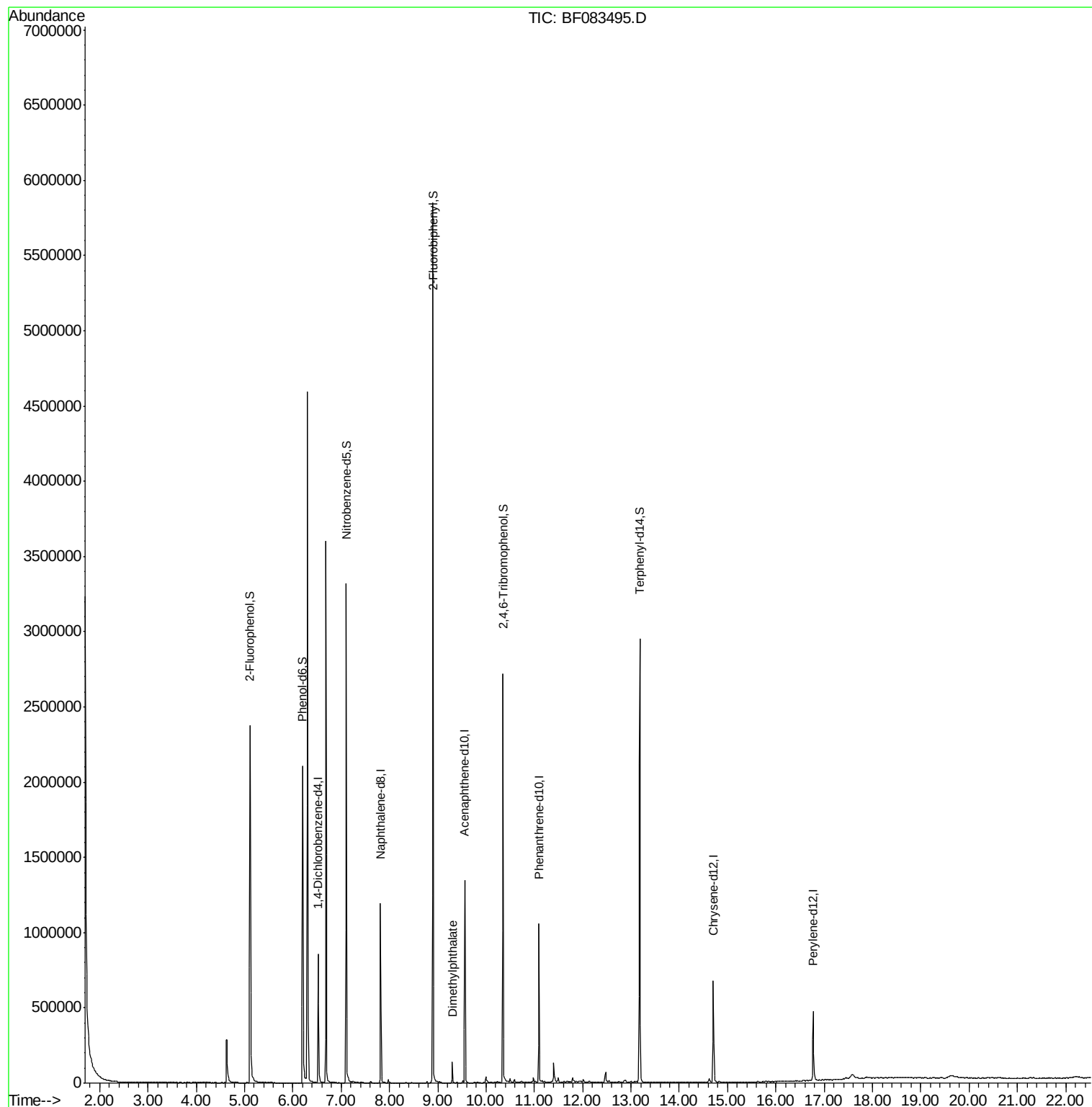
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	158261	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	568472	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	272356	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	411399	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	336979	20.00	ng	-0.06
86) Perylene-d12	16.77	264	270351	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	782999	74.24	ng	-0.01
7) Phenol-d6	6.20	99	796018	55.14	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1185307	91.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	307450	112.45	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1728394	90.43	ng	-0.02
78) Terphenyl-d14	13.19	244	1371843	97.09	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.30	163	60301	2.72	ng	Qvalue 98

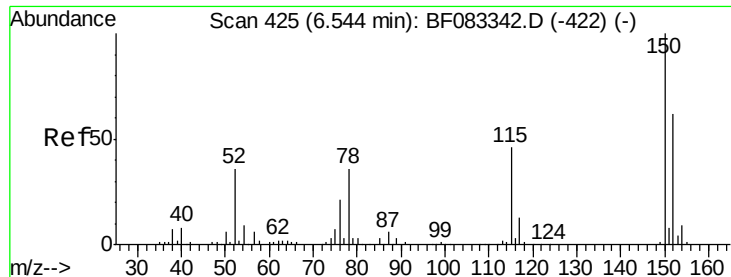
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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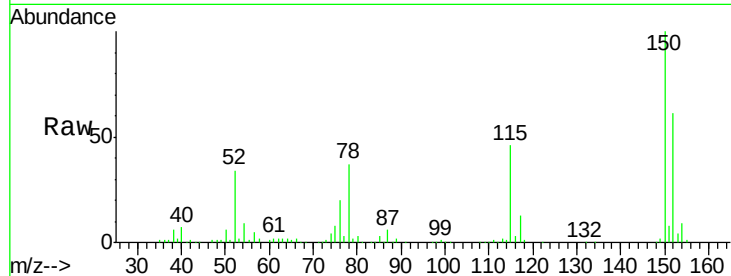


#1

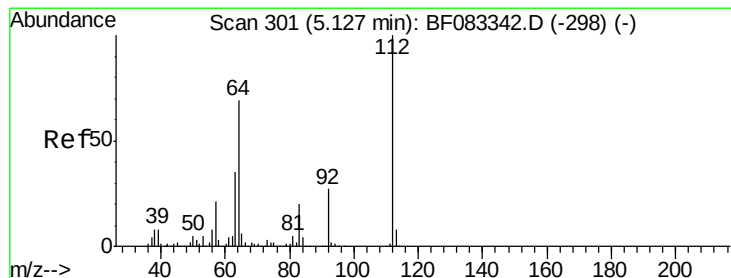
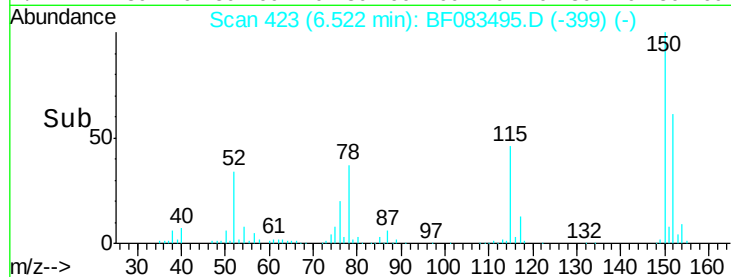
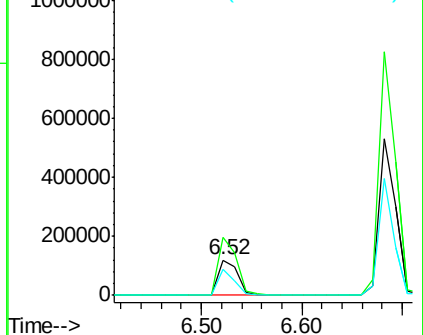
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF083495.D
Acq: 4 Dec 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-13

Tot Ion:152 Resp: 158261
Ion Ratio Lower Upper
152 100
150 164.2 129.8 194.8
115 75.0 59.2 88.8



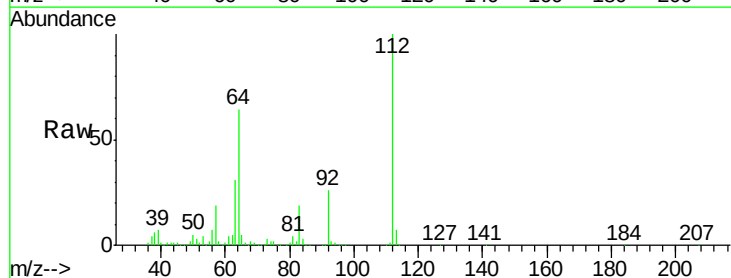
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



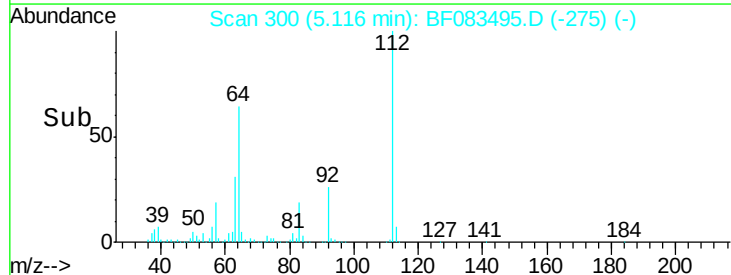
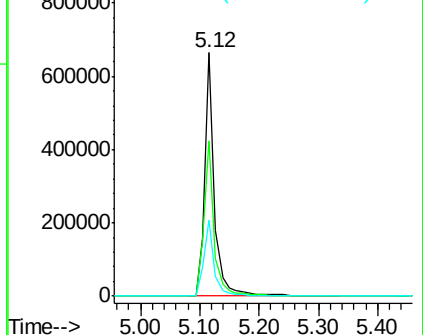
#5

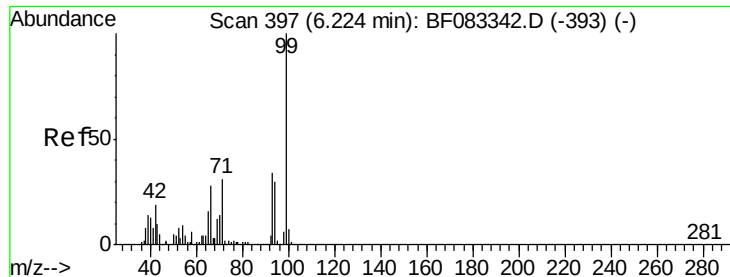
2-Fluorophenol
Concen: 74.24 ng
RT: 5.12 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083495.D
Acq: 4 Dec 2015 9:04

Tgt Ion:112 Resp: 782999
Ion Ratio Lower Upper
112 100
64 63.6 55.6 83.4
63 31.4 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: 55.14 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083495.D

Acq: 4 Dec 2015 9:04

Instrument :

BNA_F

ClientSampleId :

MW-13

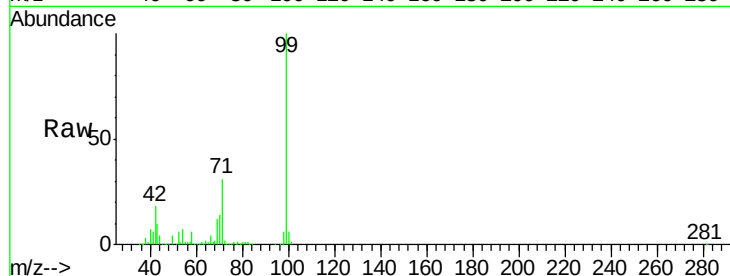
Tot Ion: 99 Resp: 796018

Ion Ratio Lower Upper

99 100

42 18.2 14.9 22.3

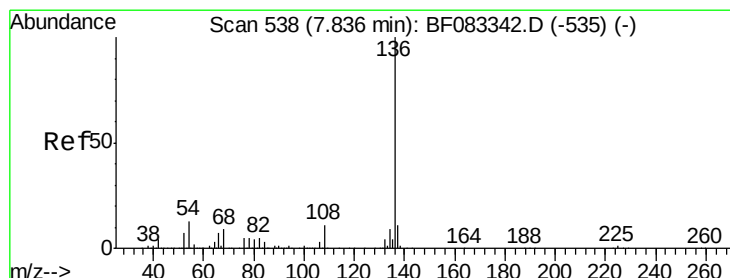
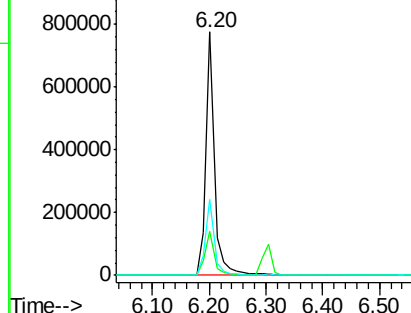
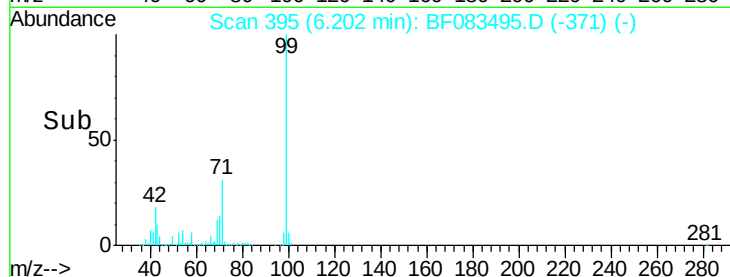
71 31.0 24.7 37.1



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: BF083495.D

Acq: 4 Dec 2015 9:04

Tgt Ion: 136 Resp: 568472

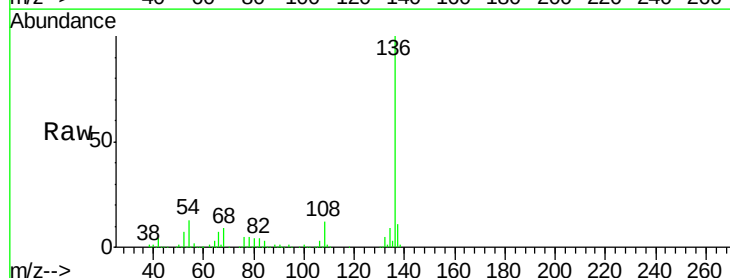
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 12.9 10.1 15.1

68 8.9 7.1 10.7

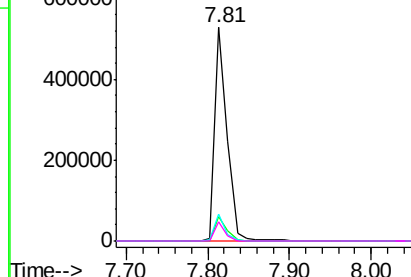
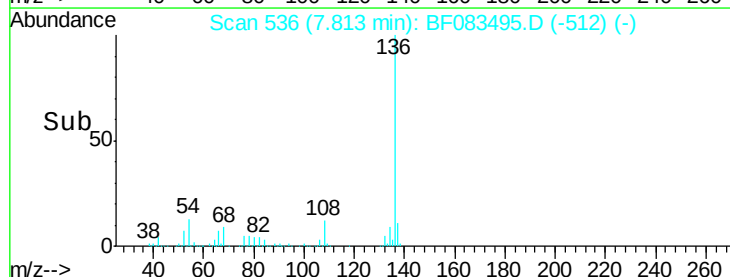


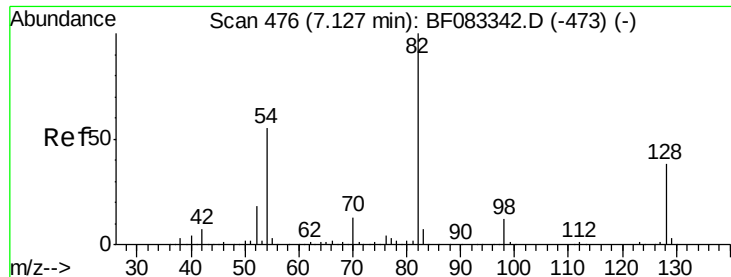
Abundance Ion 136.00 (135.70 to 136.70): E

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



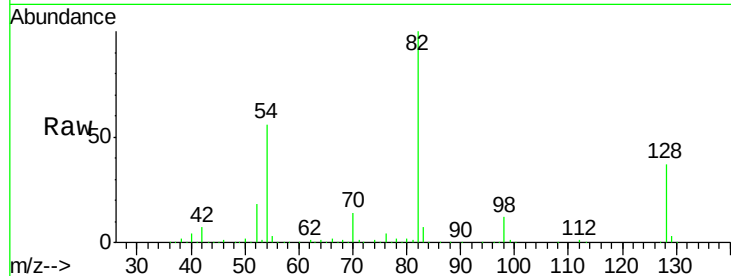


#23
 Nitrobenzene-d5
 Concen: 91.66 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.02 min
 Lab File: BF083495.D
 Acq: 4 Dec 2015 9:04

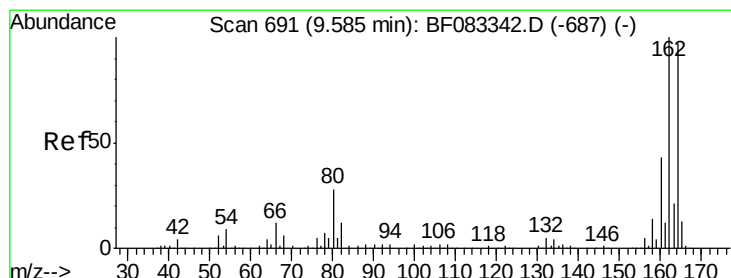
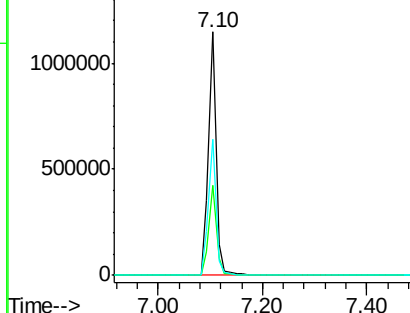
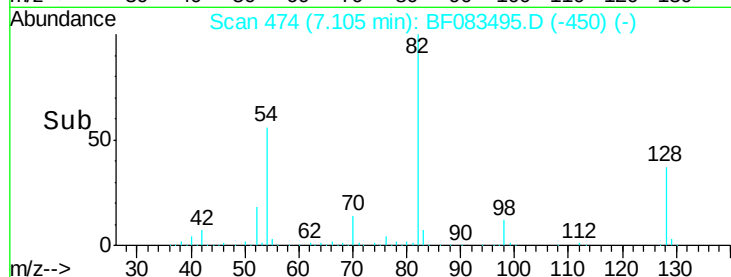
Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tot Ion: 82 Resp: 1185307

Ion	Ratio	Lower	Upper
82	100		
128	37.1	30.6	46.0
54	55.9	43.8	65.6



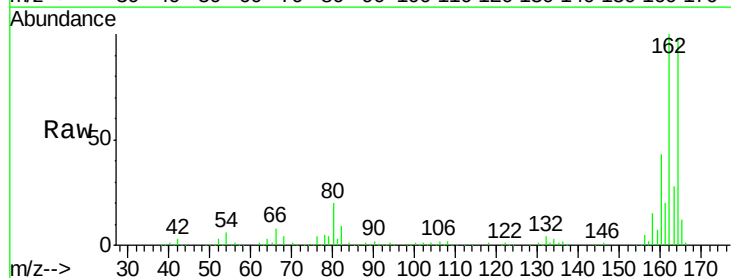
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



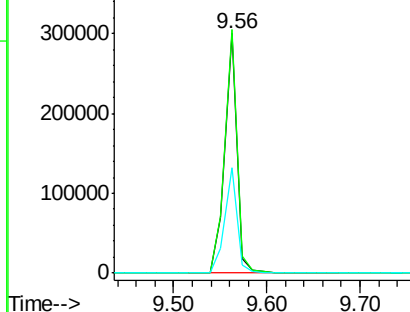
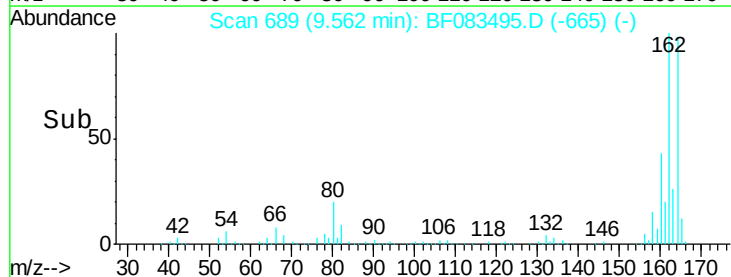
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF083495.D
 Acq: 4 Dec 2015 9:04

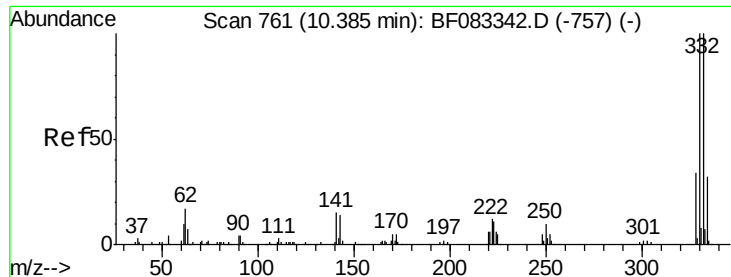
Tgt Ion: 164 Resp: 272356

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	43.7	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

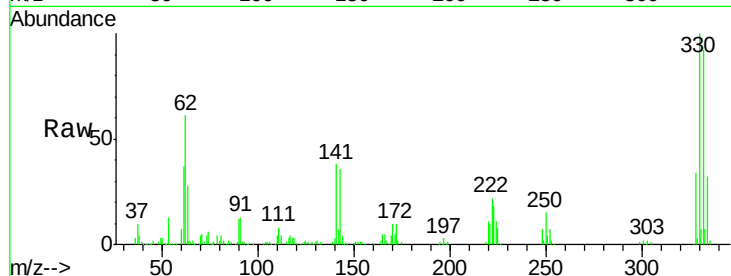




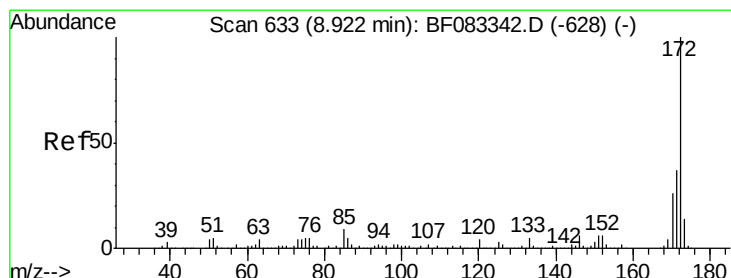
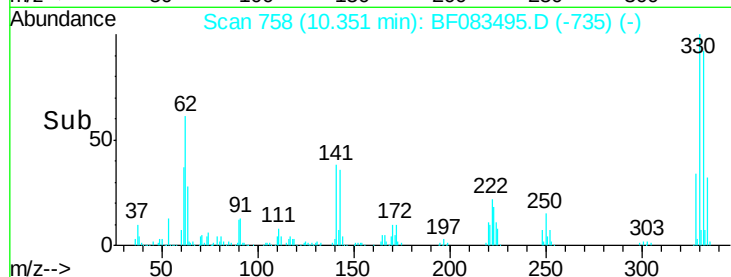
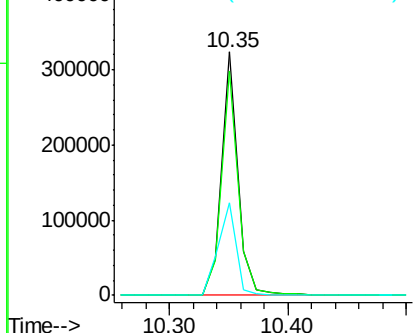
#41
 2,4,6-Tribromophenol
 Concen: 112.45 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083495.D
 Acq: 4 Dec 2015 9:04

Instrument :
 BNA_F
 ClientSampled :
 MW-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.8	116.6
141	42.2	29.4	44.0

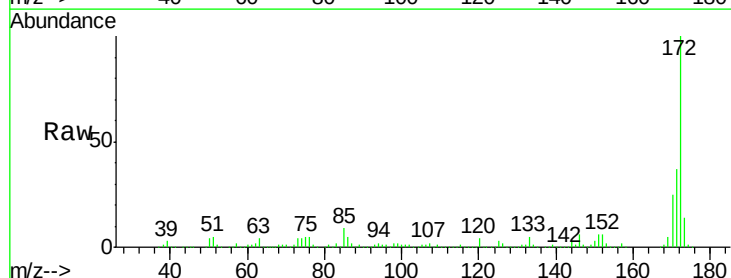


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

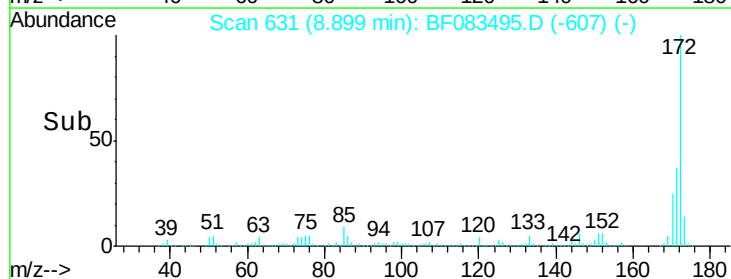
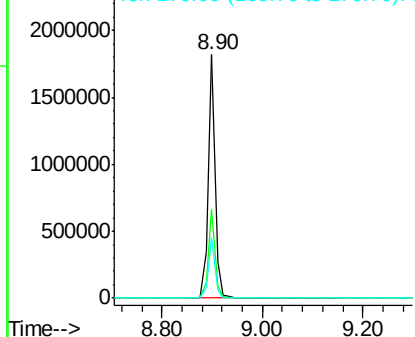


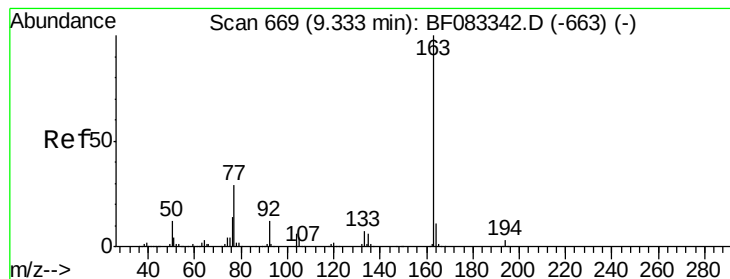
#44
 2-Fluorobiphenyl
 Concen: 90.43 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083495.D
 Acq: 4 Dec 2015 9:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	25.0	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: 2.72 ng

RT: 9.30 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF083495.D

Acq: 4 Dec 2015 9:04

Instrument :

BNA_F

ClientSampleId :

MW-13

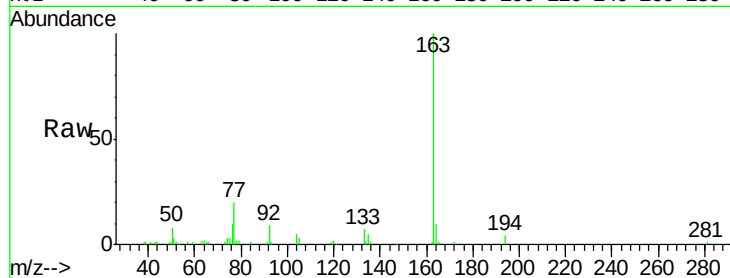
Tot Ion:163 Resp: 60301

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

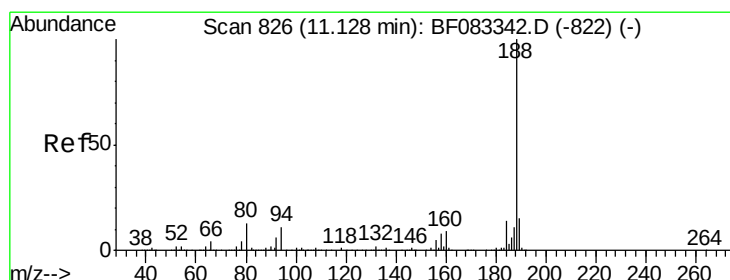
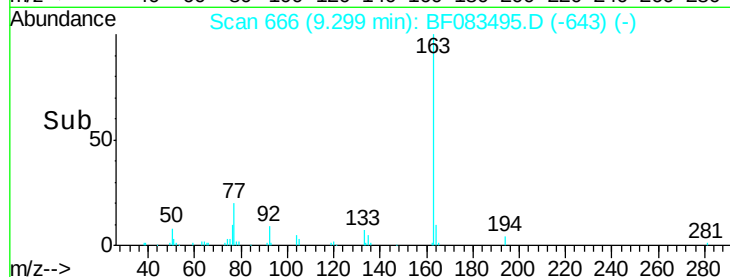
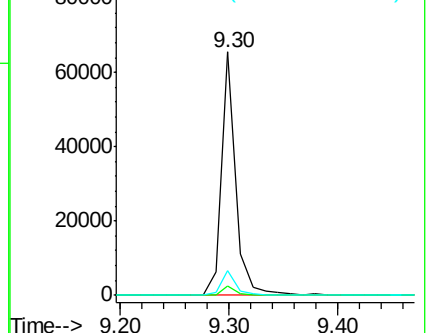
164 10.1 8.8 13.2



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: BF083495.D

Acq: 4 Dec 2015 9:04

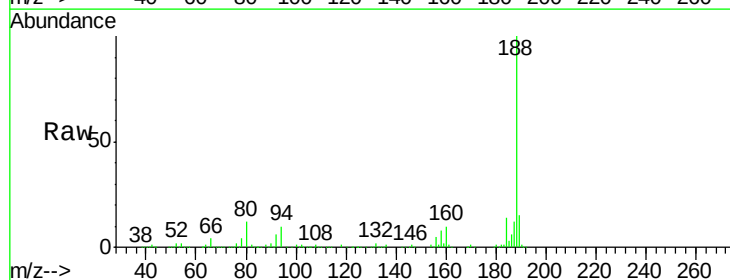
Tgt Ion:188 Resp: 411399

Ion Ratio Lower Upper

188 100

94 9.9 8.7 13.1

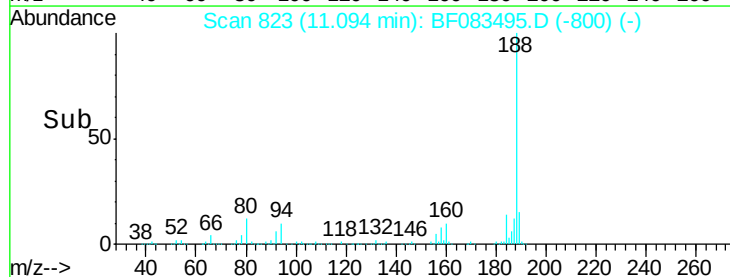
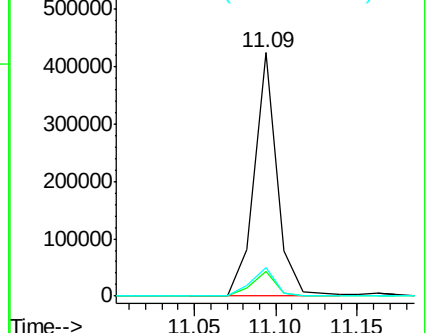
80 11.7 10.3 15.5

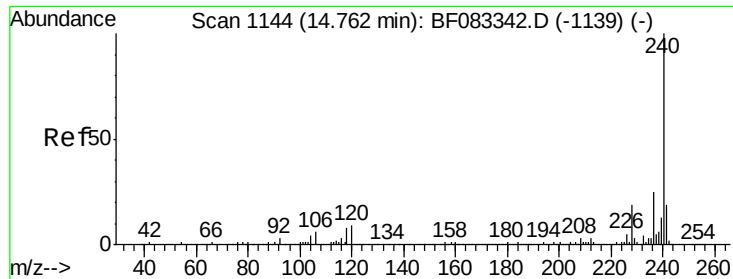


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

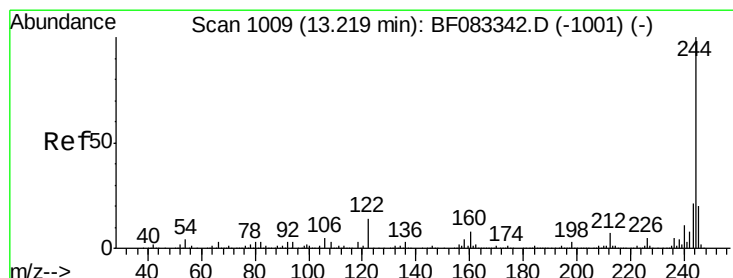
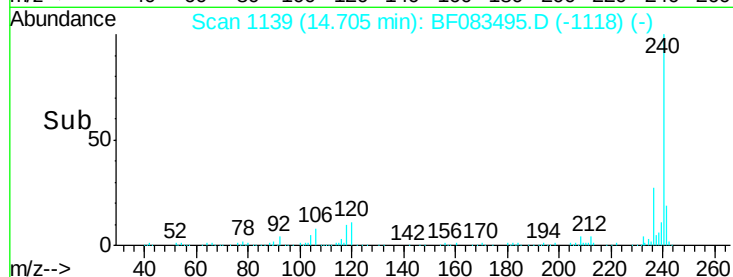
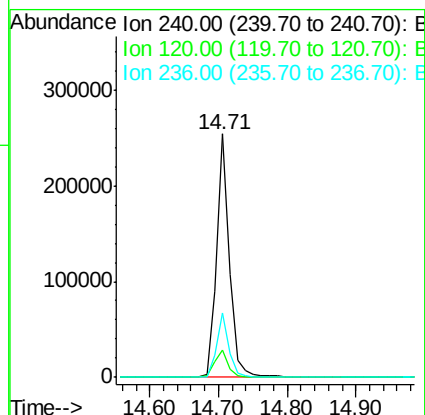
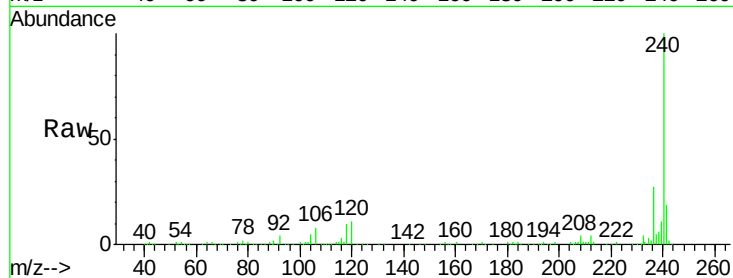




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083495.D
Acq: 4 Dec 2015 9:04

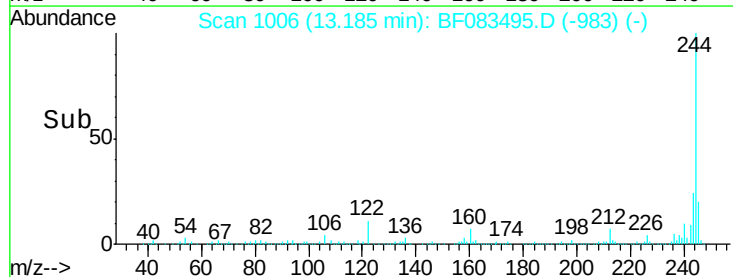
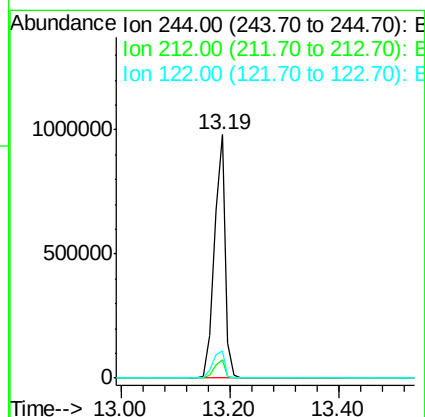
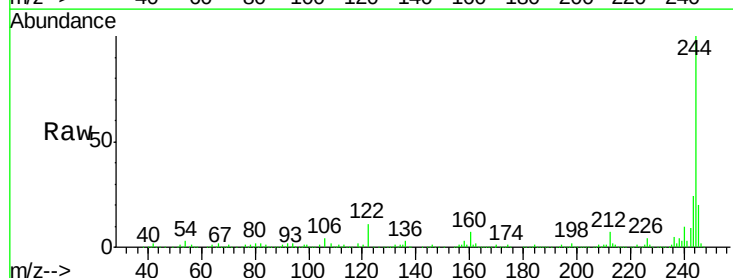
Instrument :
BNA_F
ClientSampleId :
MW-13

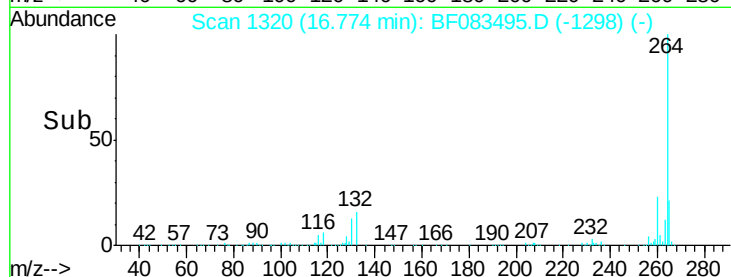
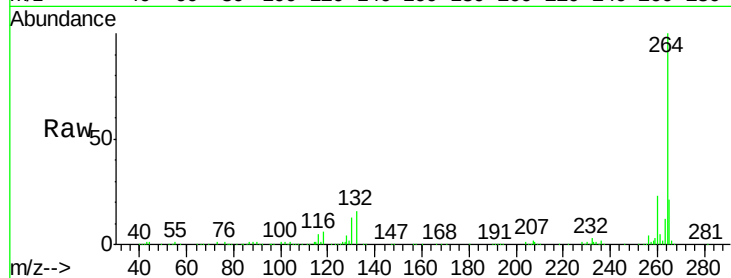
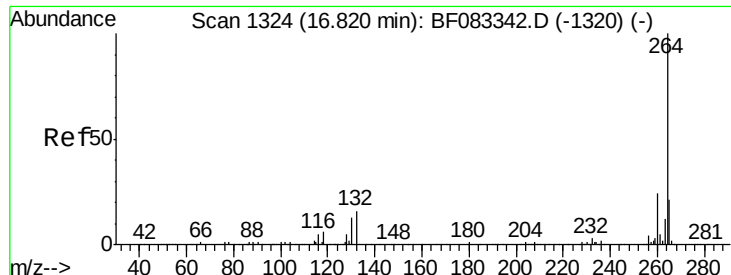
Tot Ion:240 Resp: 336979
Ion Ratio Lower Upper
240 100
120 11.2 6.9 10.3#
236 26.7 19.8 29.6



#78
Terphenyl-d14
Concen: 97.09 ng
RT: 13.19 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF083495.D
Acq: 4 Dec 2015 9:04

Tgt Ion:244 Resp: 1371843
Ion Ratio Lower Upper
244 100
212 7.4 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: BF083495.D
Acq: 4 Dec 2015 9:04

Instrument :
BNA_F
ClientSampleId :
MW-13

Tot Ion:	264	Resp:	270351
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	21.2	16.8	25.2

