

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011516\
 Data File : BF084499.D
 Acq On : 15 Jan 2016 19:06
 Operator : SJ/UM
 Sample : H1127-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLAY

Quant Time: Jan 16 02:51:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 16 01:26:38 2016
 Response via : Initial Calibration

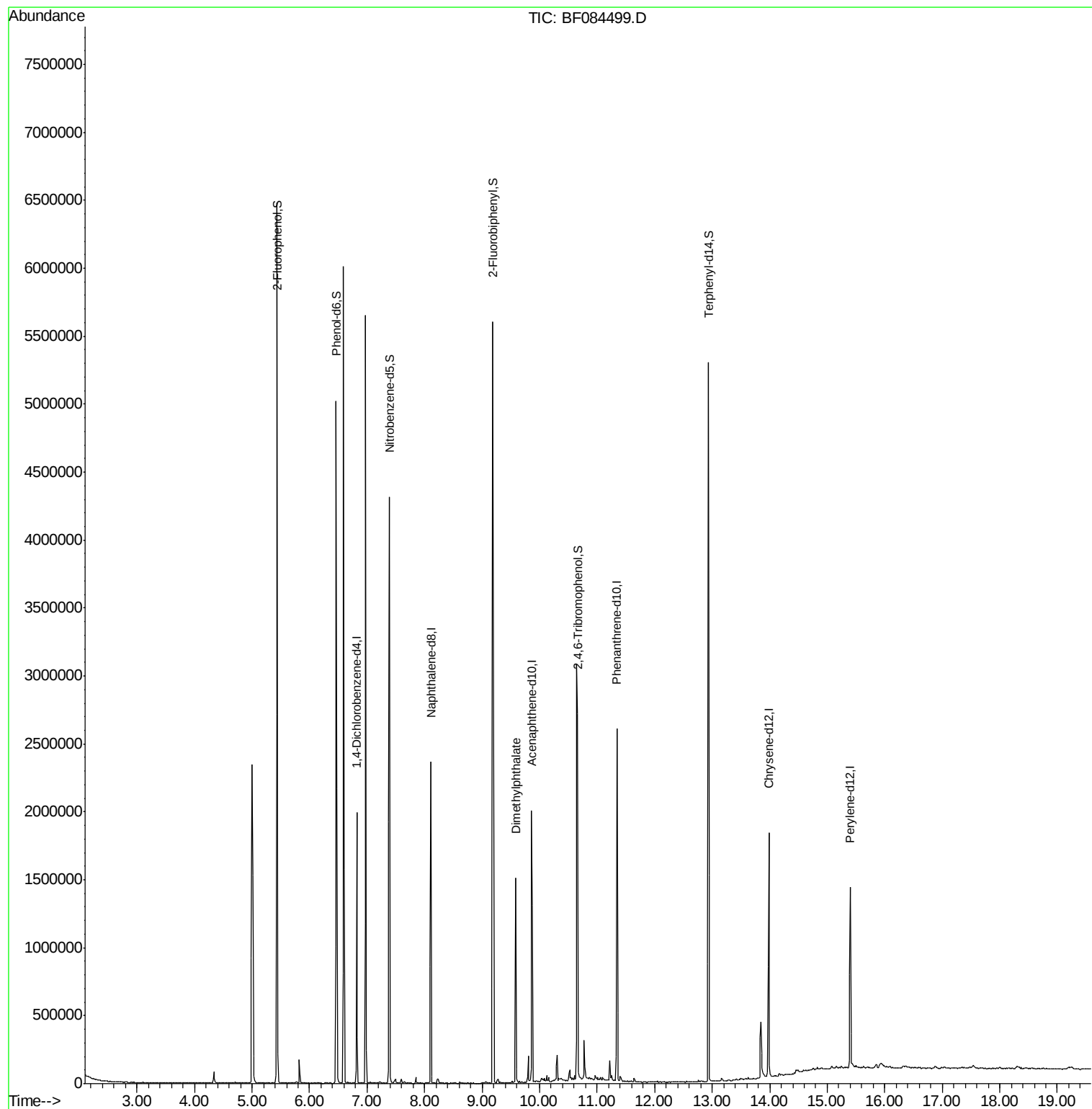
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	268820	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	1130041	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	493083	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	876692	20.00	ng	0.00
75) Chrysene-d12	13.98	240	690313	20.00	ng	0.00
86) Perylene-d12	15.40	264	601996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1792416	107.85	ng	0.01
7) Phenol-d6	6.46	99	2029865	97.25	ng	0.00
23) Nitrobenzene-d5	7.39	82	1475849	72.69	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	562420	112.98	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	2090206	73.73	ng	-0.01
78) Terphenyl-d14	12.93	244	1710429	55.31	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	545756	15.48	ng	Qvalue # 91

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

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CLAY

Quant Time: Jan 16 02:51:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 01:26:38 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF084499.D

Acq: 15 Jan 2016 19:06

Instrument :

BNA_F

ClientSampleId :

CLAY

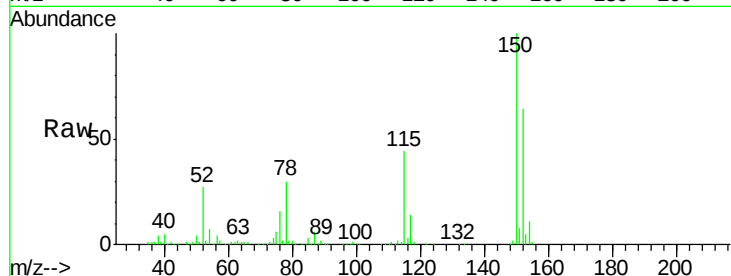
Tot Ion:152 Resp: 268820

Ion Ratio Lower Upper

152 100

150 156.9 123.0 184.4

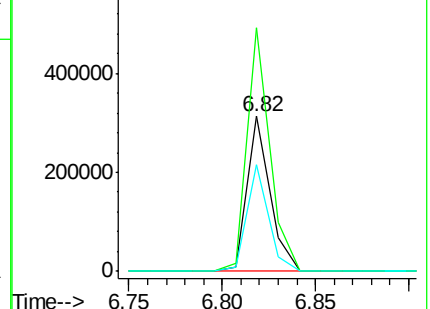
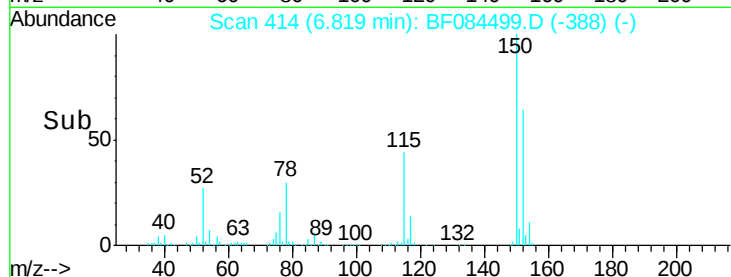
115 68.9 51.4 77.2



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: 107.85 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF084499.D

Acq: 15 Jan 2016 19:06

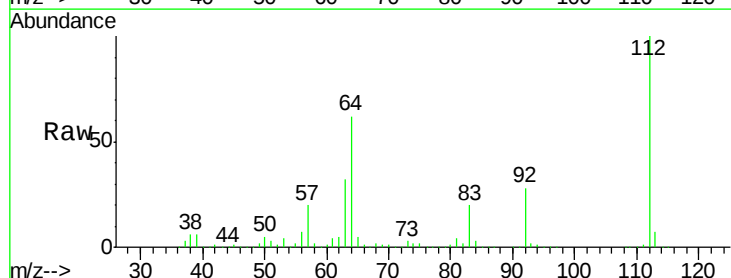
Tgt Ion:112 Resp: 1792416

Ion Ratio Lower Upper

112 100

64 62.2 36.6 55.0#

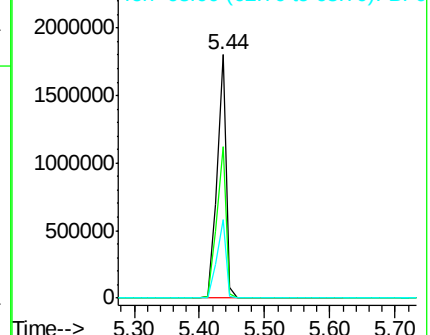
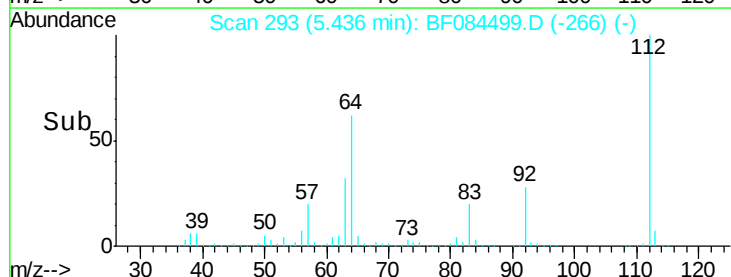
63 32.1 19.4 29.0#

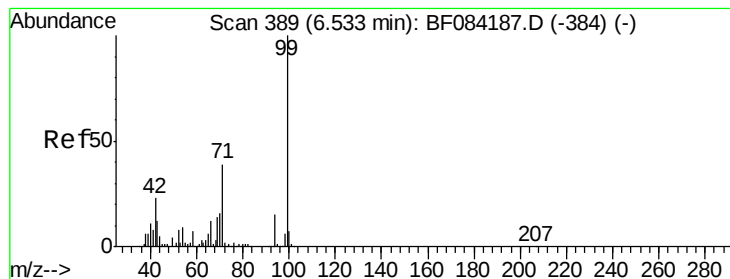


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.25 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF084499.D

Acq: 15 Jan 2016 19:06

Instrument :

BNA_F

ClientSampleId :

CLAY

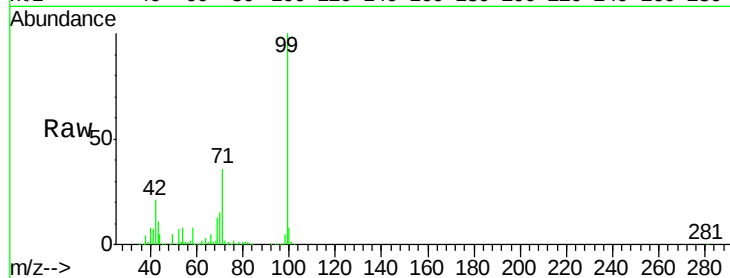
Tot Ion: 99 Resp: 2029865

Ion Ratio Lower Upper

99 100

42 21.0 12.8 19.2#

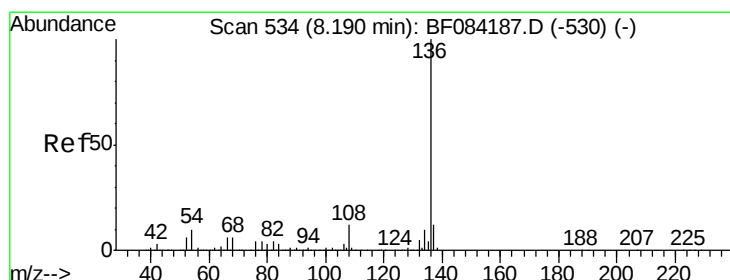
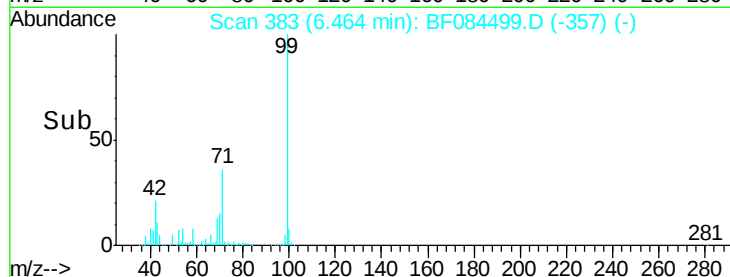
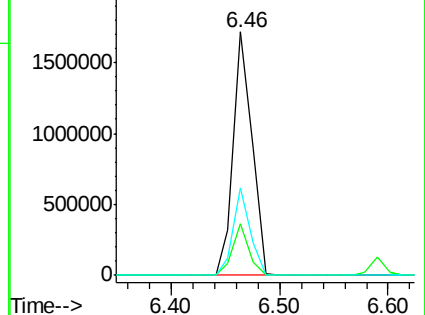
71 36.1 30.9 46.3



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: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084499.D

Acq: 15 Jan 2016 19:06

Tgt Ion: 136 Resp: 1130041

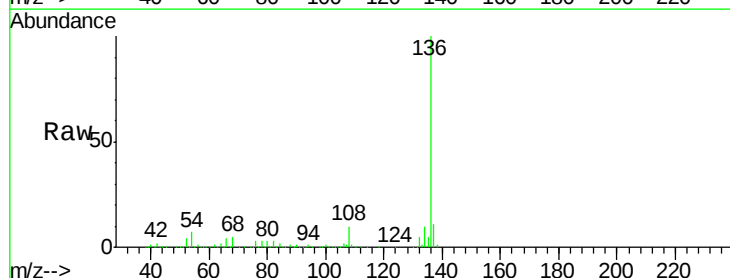
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.2 5.8 8.8

68 4.9 4.2 6.2

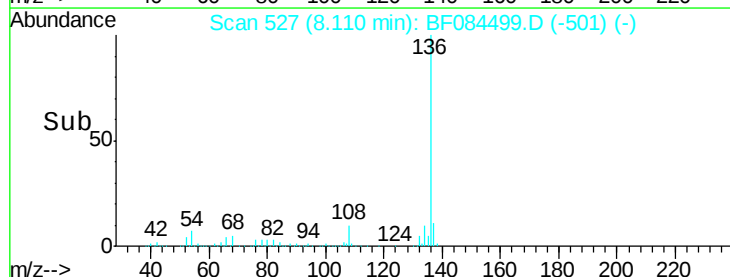
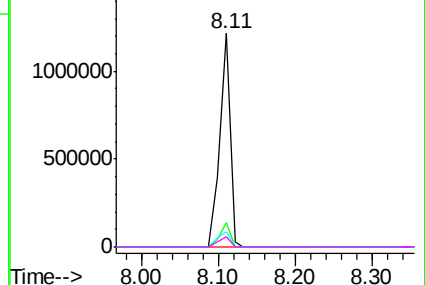


Abundance Ion 136.00 (135.70 to 136.70): E

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

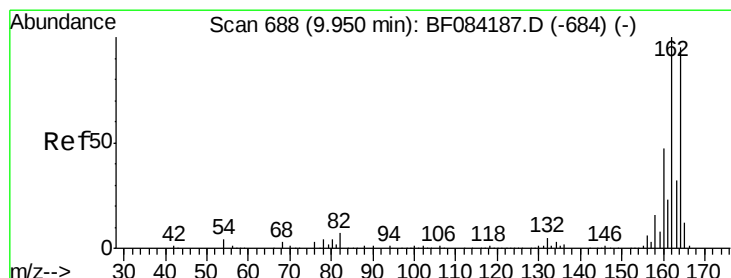
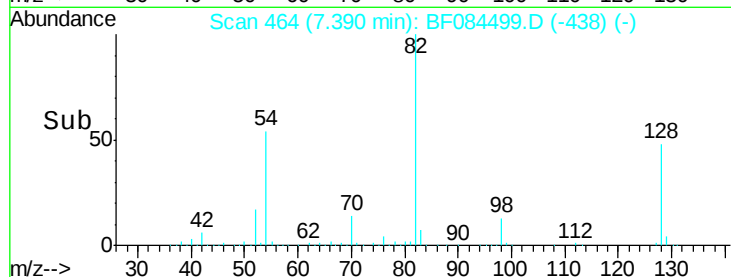
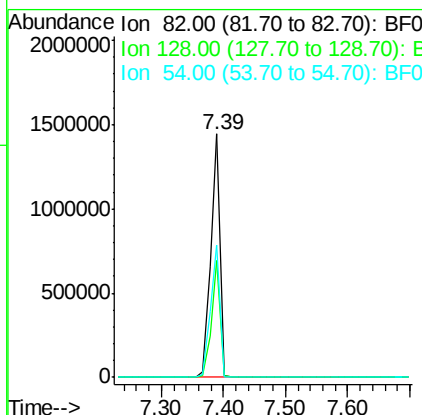
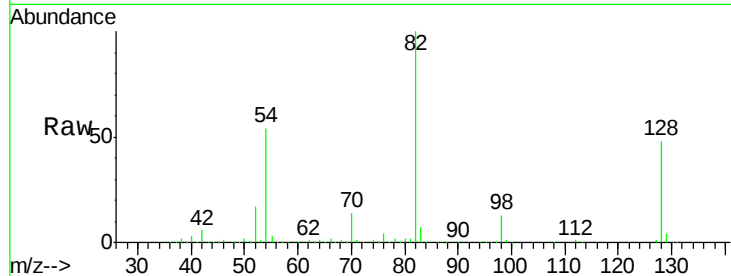




#23
 Nitrobenzene-d5
 Concen: 72.69 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084499.D
 Acq: 15 Jan 2016 19:06

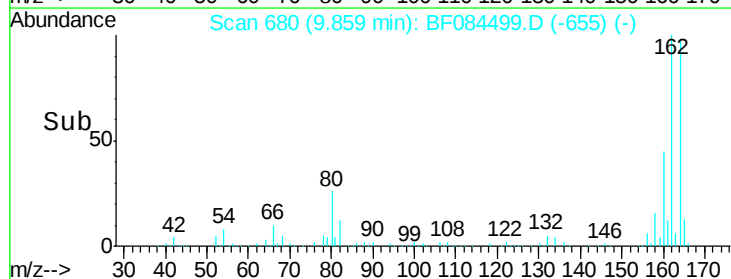
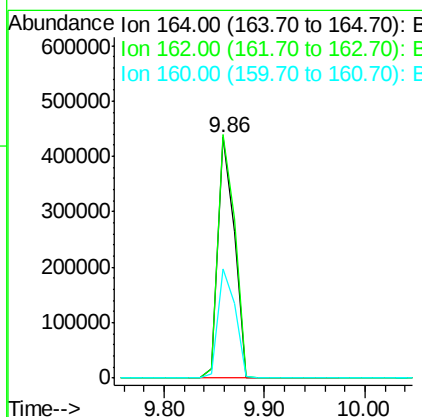
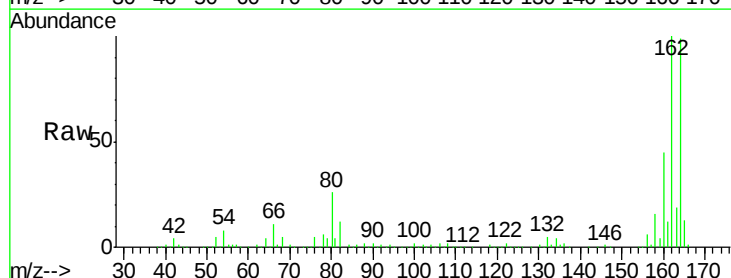
Instrument :
 BNA_F
 ClientSampled :
 CLAY

Tot Ion: 82 Resp: 1475849
 Ion Ratio Lower Upper
 82 100
 128 48.1 34.6 51.8
 54 54.1 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084499.D
 Acq: 15 Jan 2016 19:06

Tgt Ion:164 Resp: 493083
 Ion Ratio Lower Upper
 164 100
 162 101.1 85.1 127.7
 160 45.6 37.5 56.3

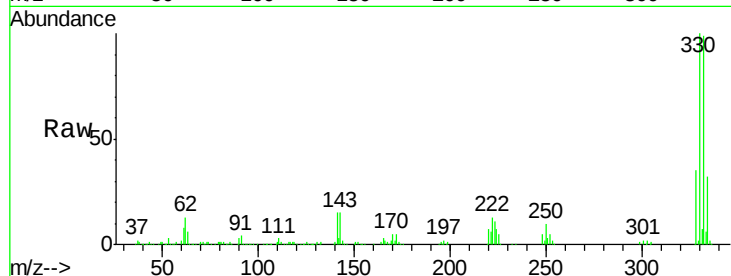




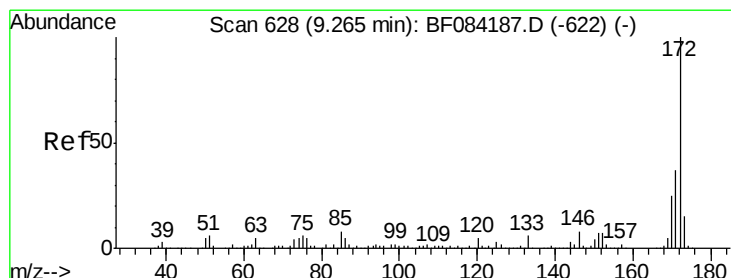
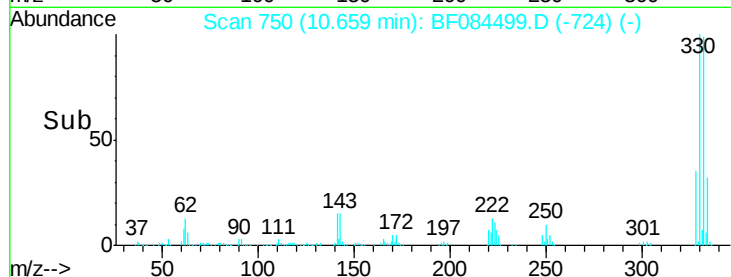
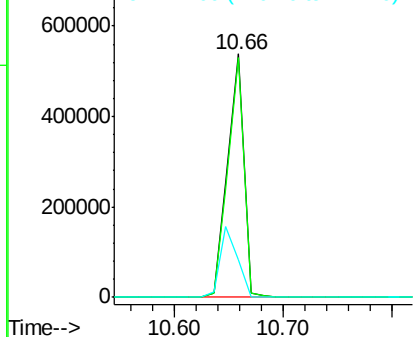
#41
 2,4,6-Tribromophenol
 Concen: 112.98 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF084499.D
 Acq: 15 Jan 2016 19:06

Instrument :
 BNA_F
 ClientSampleId :
 CLAY

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	31.4	27.8	41.6

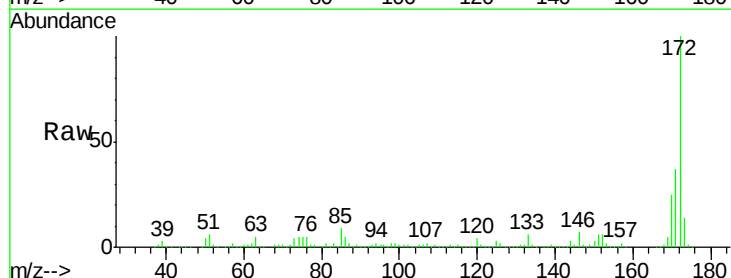


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

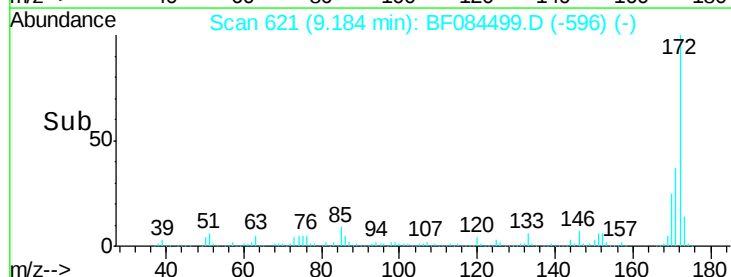
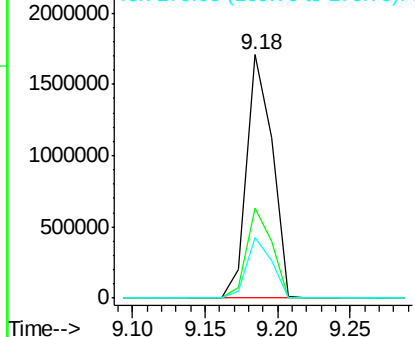


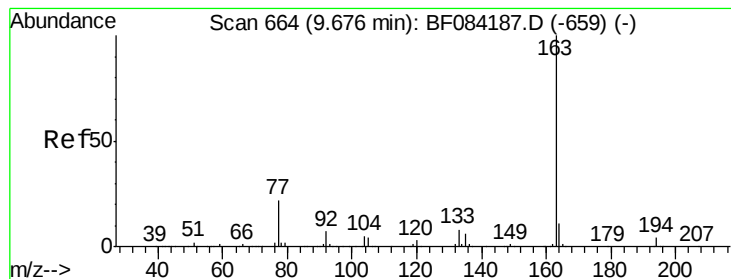
#44
 2-Fluorobiphenyl
 Concen: 73.73 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084499.D
 Acq: 15 Jan 2016 19:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.9	43.3
170	24.8	18.6	27.8



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: 15.48 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084499.D

Acq: 15 Jan 2016 19:06

Instrument :

BNA_F

ClientSampleId :

CLAY

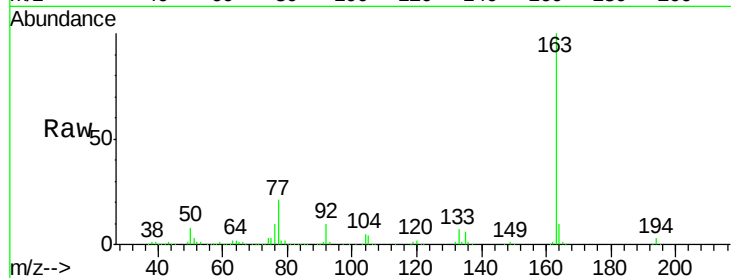
Tot Ion:163 Resp: 545756

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

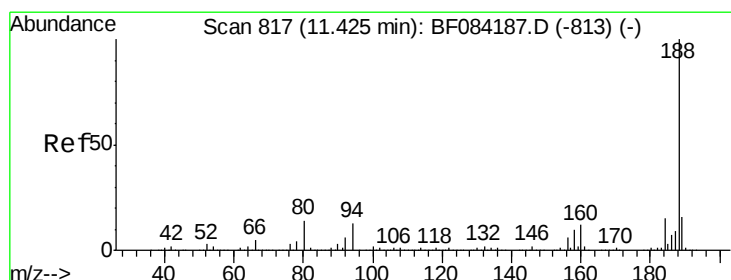
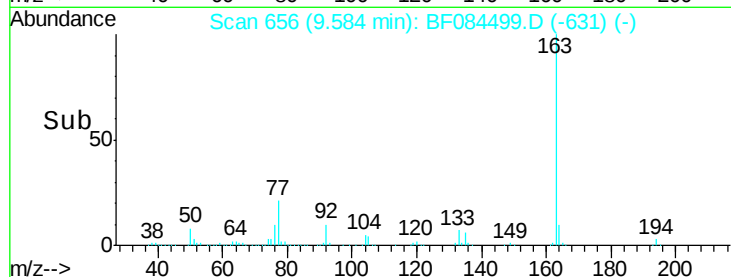
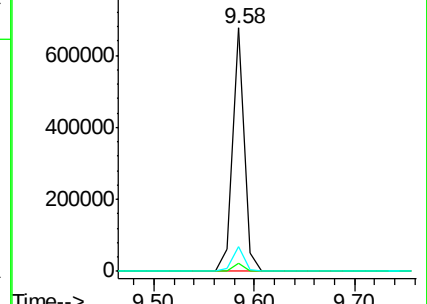
164 10.1 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF084499.D

Acq: 15 Jan 2016 19:06

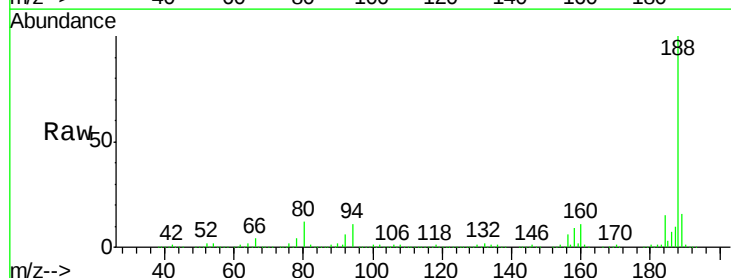
Tgt Ion:188 Resp: 876692

Ion Ratio Lower Upper

188 100

94 11.5 9.0 13.4

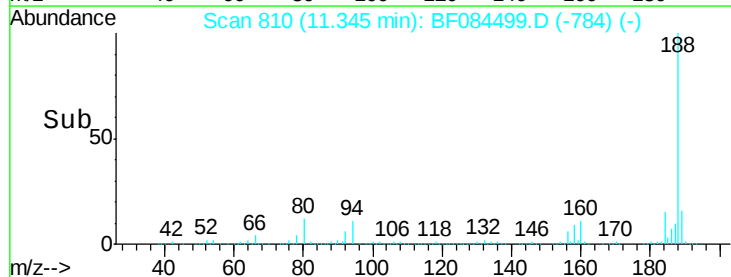
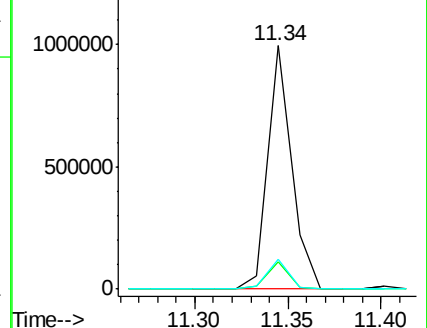
80 12.1 9.6 14.4

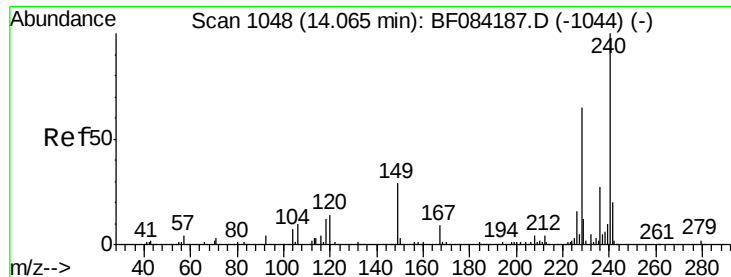


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.98 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF084499.D

Acq: 15 Jan 2016 19:06

Instrument :

BNA_F

ClientSampleId :

CLAY

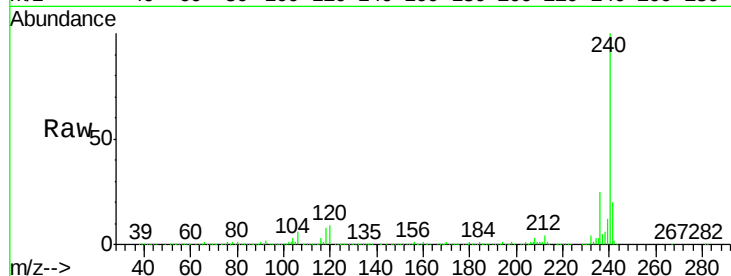
Tot Ion:240 Resp: 690313

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

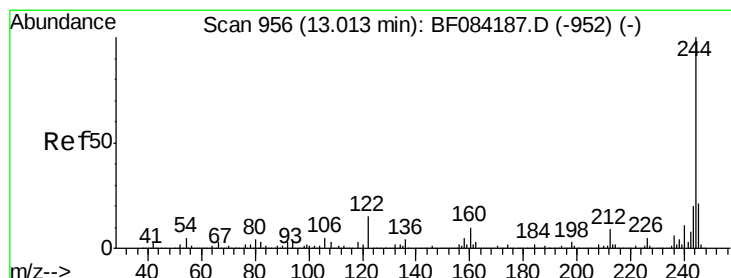
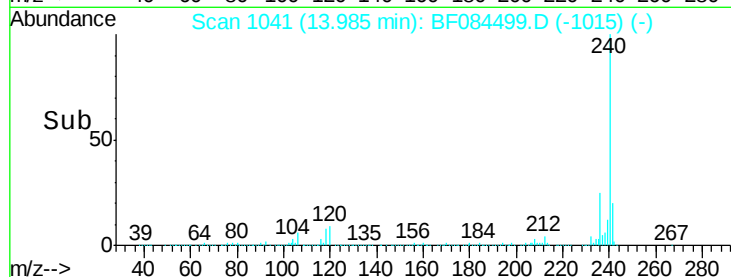
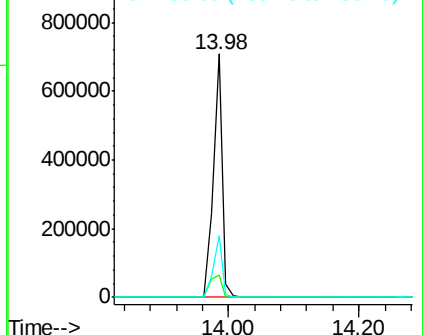
236 25.1 20.6 31.0



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: 55.31 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084499.D

Acq: 15 Jan 2016 19:06

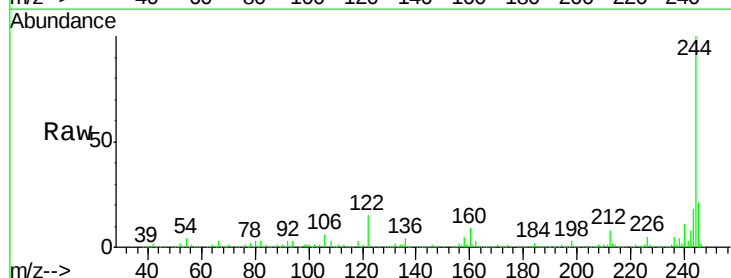
Tgt Ion:244 Resp: 1710429

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

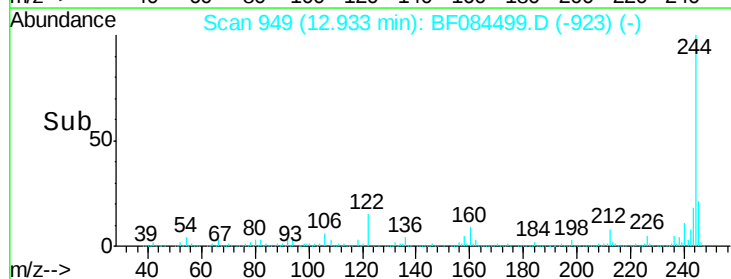
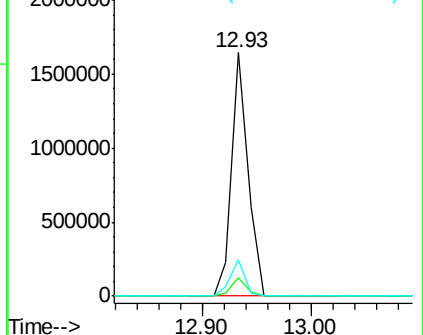
122 15.0 7.4 11.0#

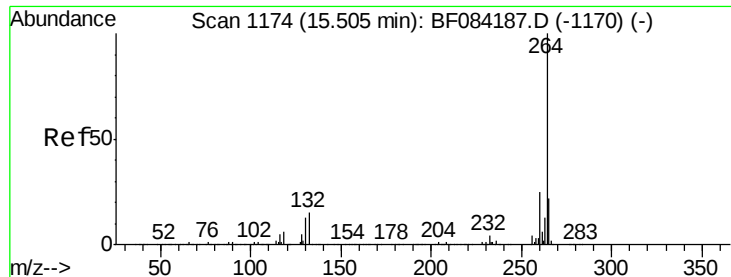


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

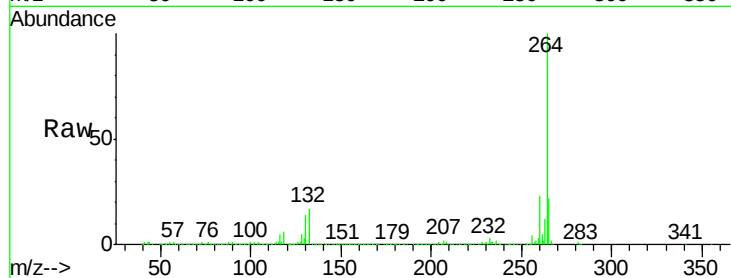




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF084499.D
Acq: 15 Jan 2016 19:06

Instrument :
BNA_F
ClientSampleId :
CLAY

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	21.8	17.8	26.6



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

