

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084224.D
 Acq On : 1 Jan 2016 4:47
 Operator : UM/SJ
 Sample : G4981-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529

Quant Time: Jan 02 02:57:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 14:15:57 2015
 Response via : Initial Calibration

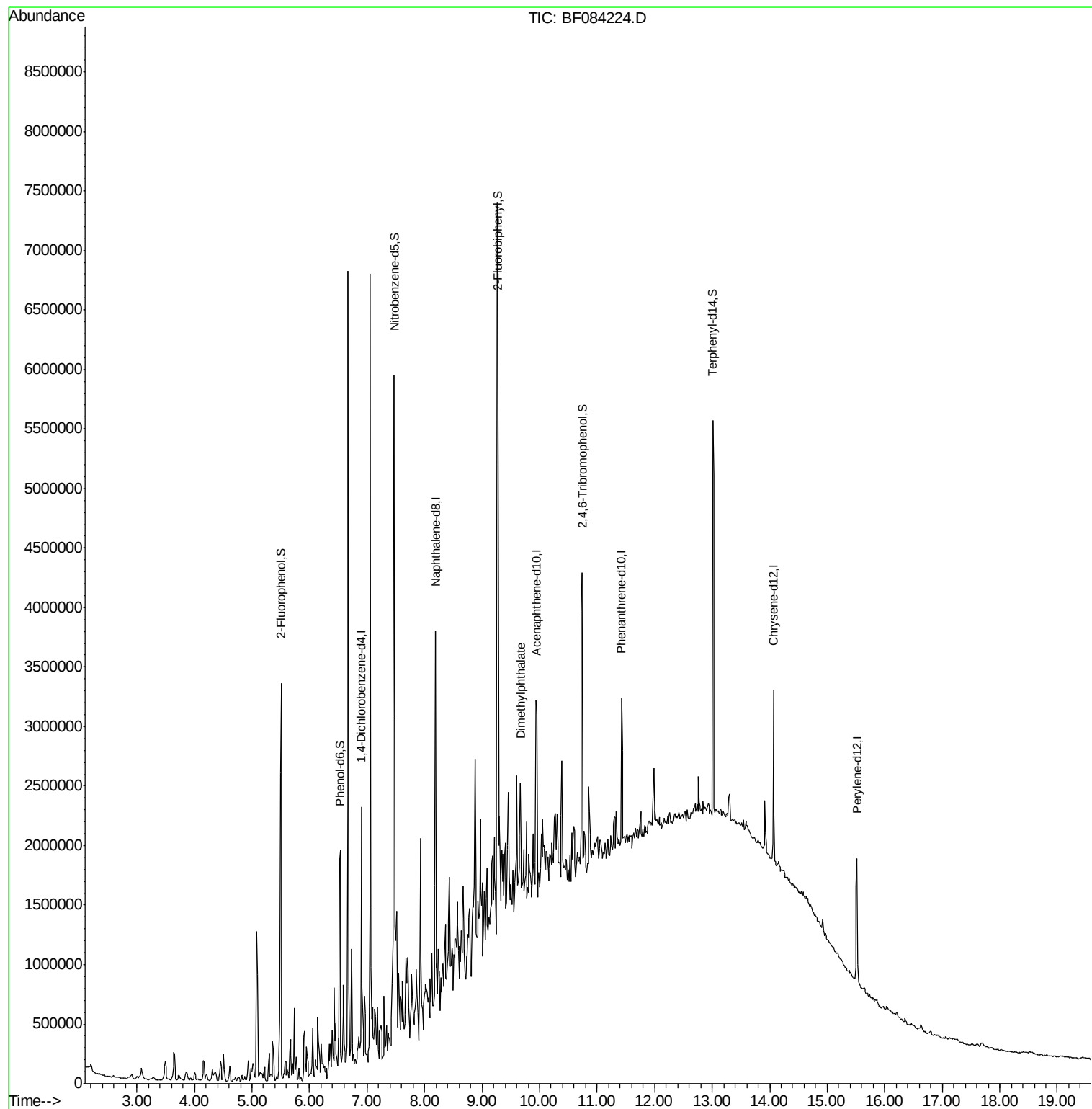
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	277414	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1104352	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	413987	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	581253	20.00	ng	0.00
75) Chrysene-d12	14.07	240	518477	20.00	ng	0.00
86) Perylene-d12	15.52	264	561567	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1107227	64.56	ng	0.01
7) Phenol-d6	6.53	99	861969	40.02	ng	0.00
23) Nitrobenzene-d5	7.47	82	1805396	90.98	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	456226	109.16	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2460298	106.12	ng	0.00
78) Terphenyl-d14	13.01	244	1528304	65.80	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	256418	8.66	ng	# 90

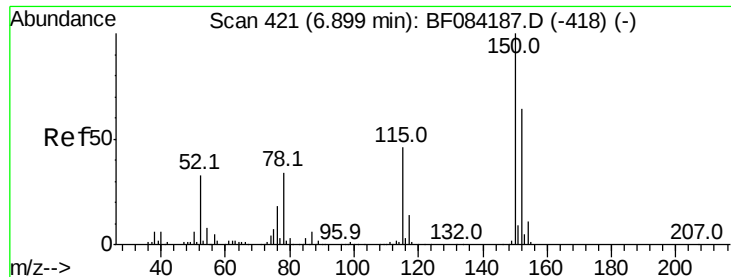
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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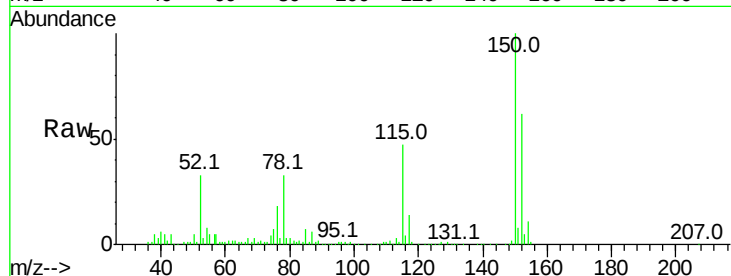


#1

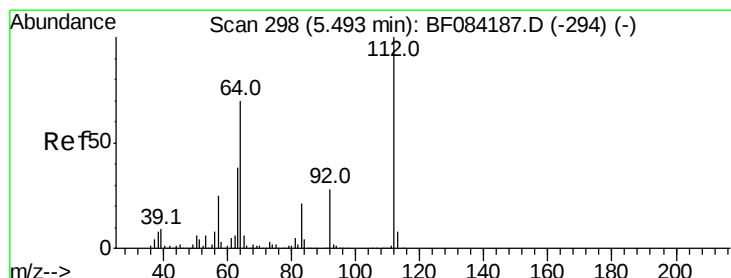
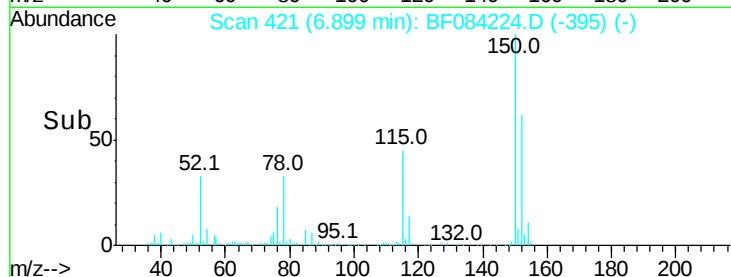
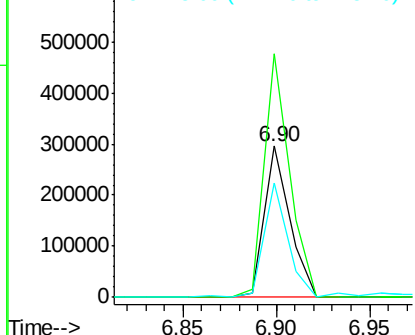
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF084224.D
Acq: 1 Jan 2016 4:47

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tot Ion:152 Resp: 277414
Ion Ratio Lower Upper
152 100
150 160.9 123.0 184.4
115 75.6 51.4 77.2



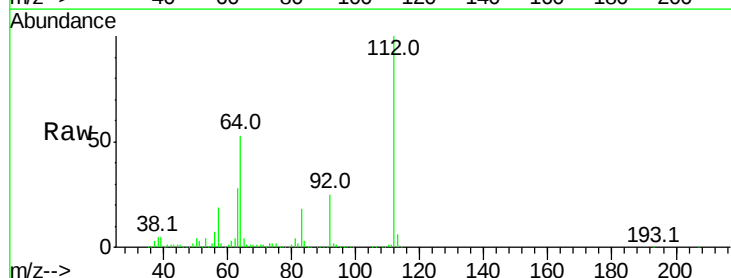
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



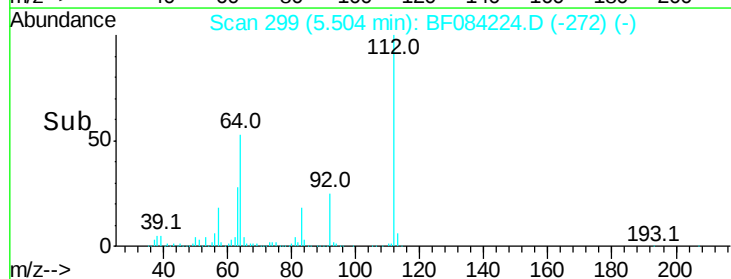
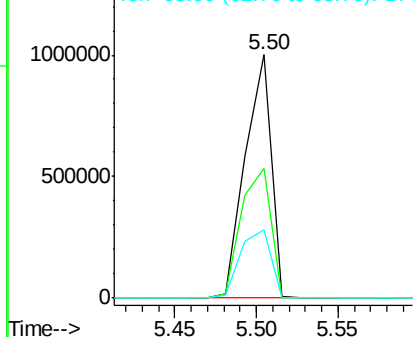
#5

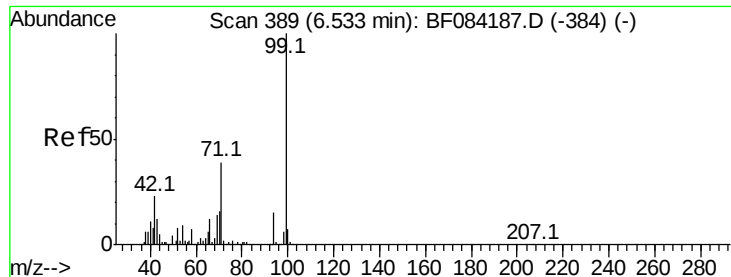
2-Fluorophenol
Concen: 64.56 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF084224.D
Acq: 1 Jan 2016 4:47

Tgt Ion:112 Resp: 1107227
Ion Ratio Lower Upper
112 100
64 53.2 36.6 55.0
63 27.9 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: 40.02 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

Instrument :

BNA_F

ClientSampleId :

S8-0529

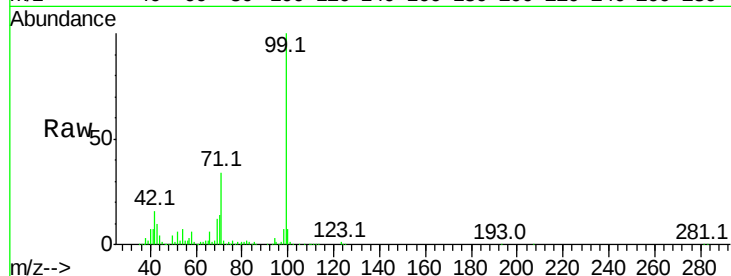
Tot Ion: 99 Resp: 861969

Ion Ratio Lower Upper

99 100

42 15.6 12.8 19.2

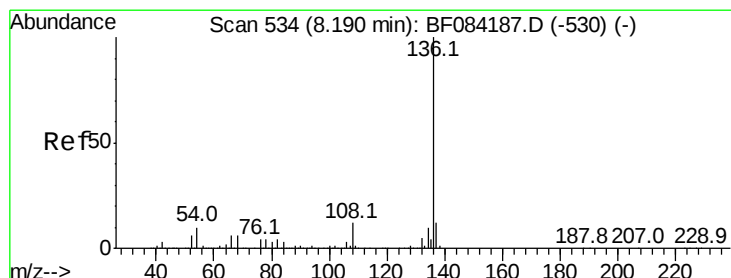
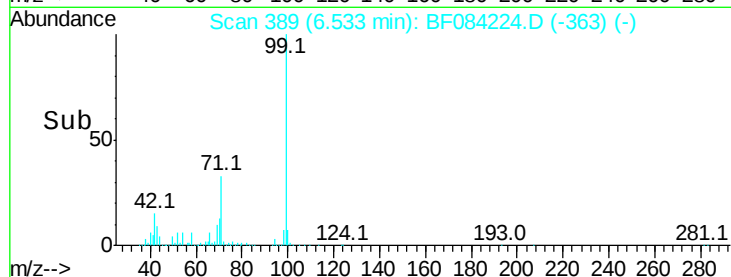
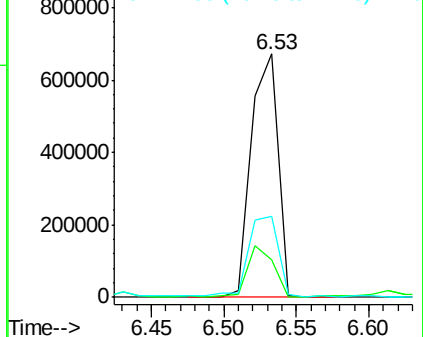
71 33.5 30.9 46.3



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: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

Tgt Ion: 136 Resp: 1104352

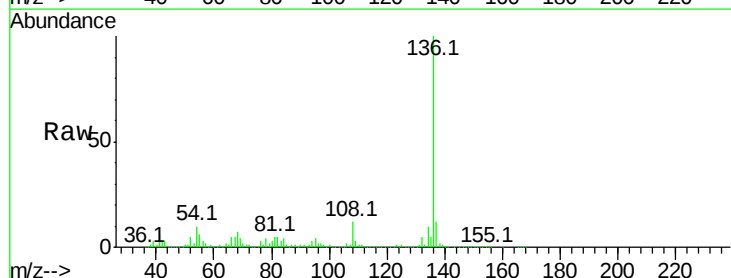
Ion Ratio Lower Upper

136 100

137 12.0 8.7 13.1

54 10.4 5.8 8.8#

68 6.9 4.2 6.2#

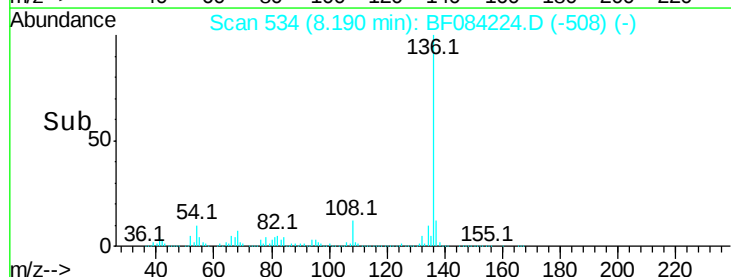
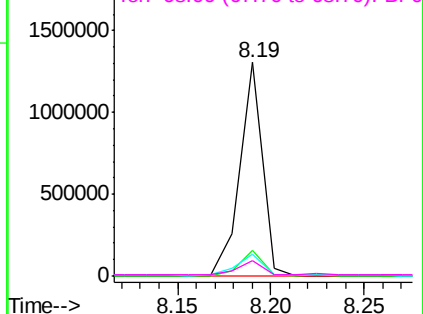


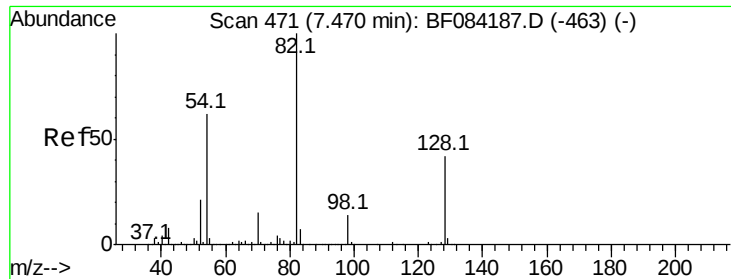
Abundance Ion 136.00 (135.70 to 136.70): E

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

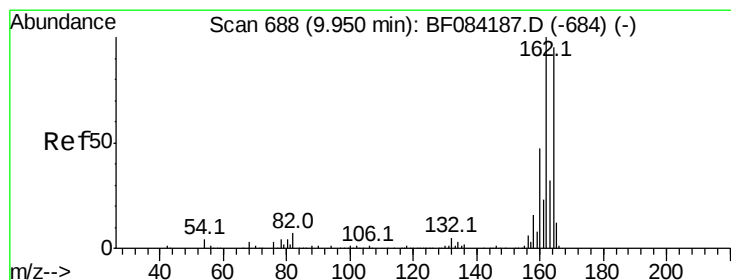
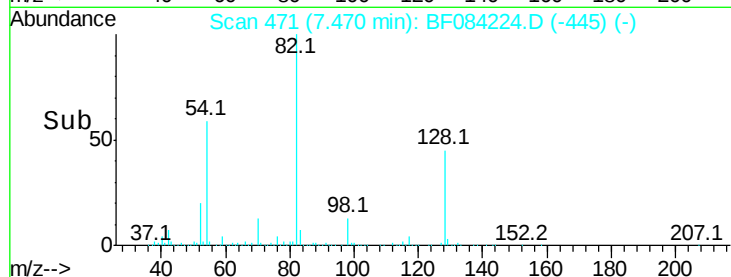
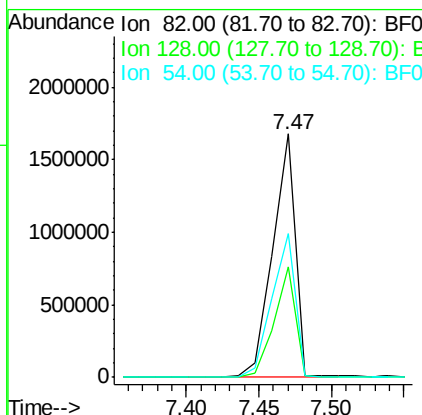
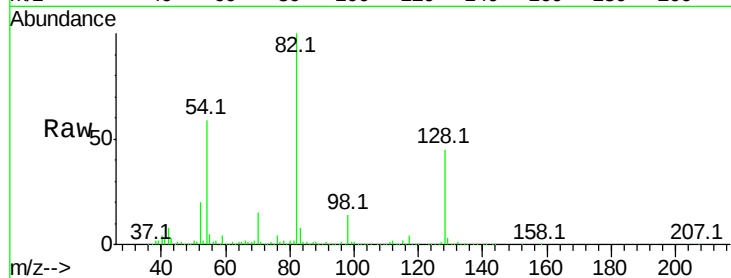




#23
 Nitrobenzene-d5
 Concen: 90.98 ng
 RT: 7.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF084224.D
 Acq: 1 Jan 2016 4:47

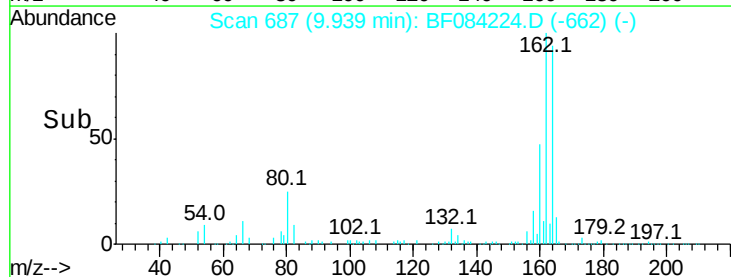
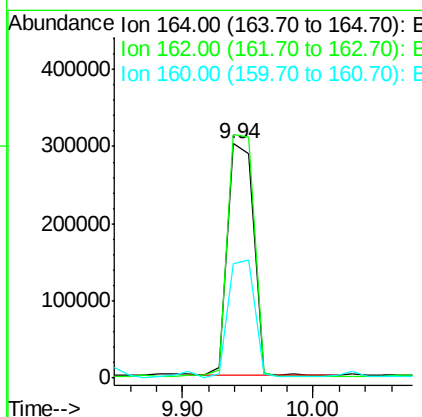
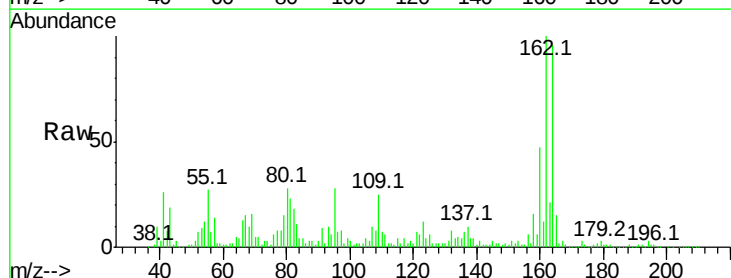
Instrument :
 BNA_F
 ClientSampled :
 S8-0529

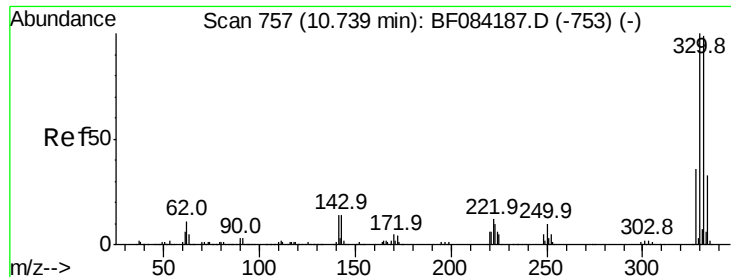
Tot Ion: 82 Resp: 1805396
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.6 51.8
 54 59.2 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF084224.D
 Acq: 1 Jan 2016 4:47

Tgt Ion:164 Resp: 413987
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.1 127.7
 160 48.5 37.5 56.3

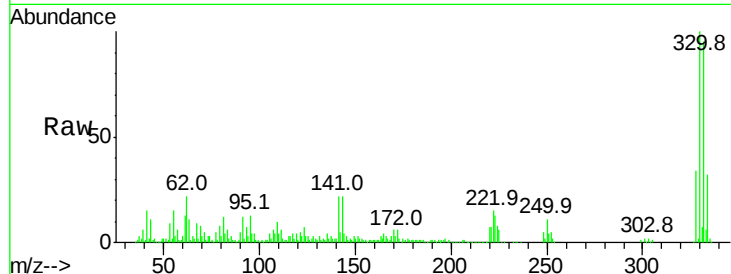




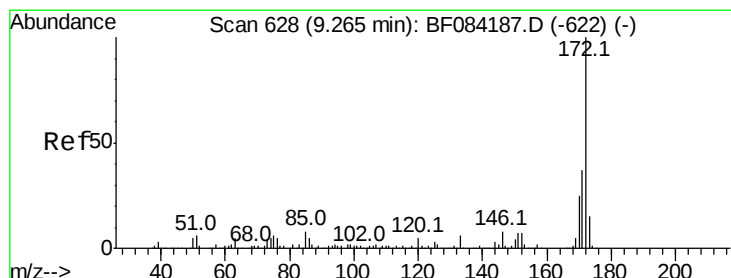
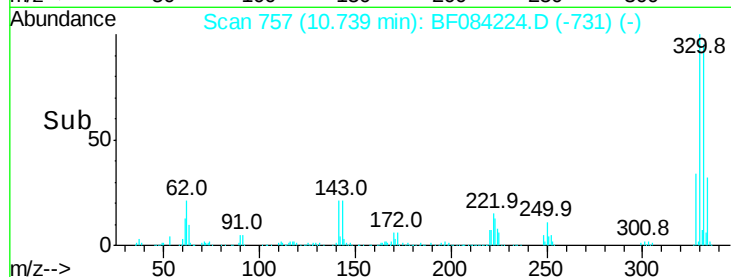
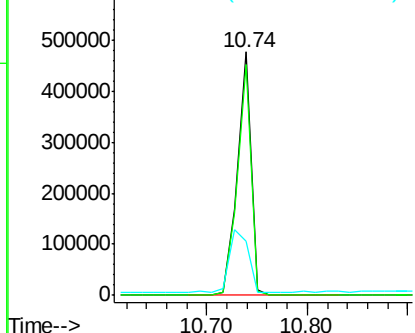
#41
 2,4,6-Tribromophenol
 Concen: 109.16 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF084224.D
 Acq: 1 Jan 2016 4:47

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529

Tot Ion:330 Resp: 456226
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 36.5 27.8 41.6

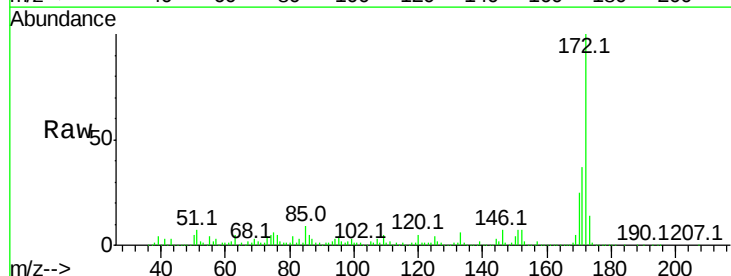


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

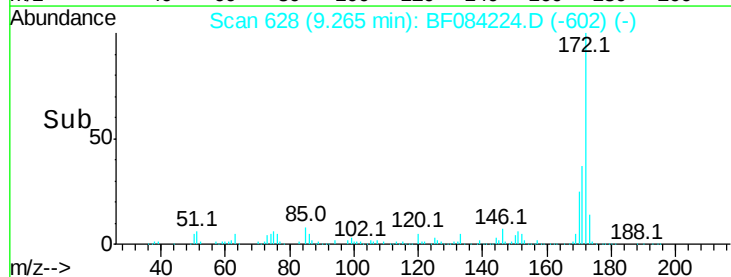
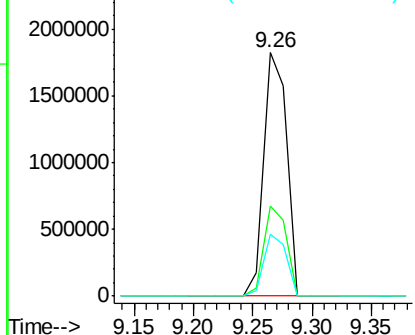


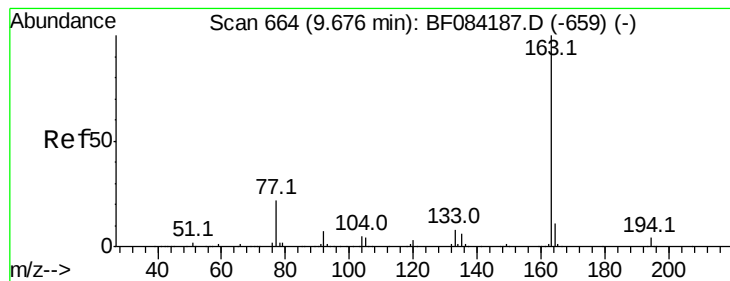
#44
 2-Fluorobiphenyl
 Concen: 106.12 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084224.D
 Acq: 1 Jan 2016 4:47

Tgt Ion:172 Resp: 2460298
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.9 43.3
 170 25.2 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: 8.66 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

Instrument :

BNA_F

ClientSampleId :

S8-0529

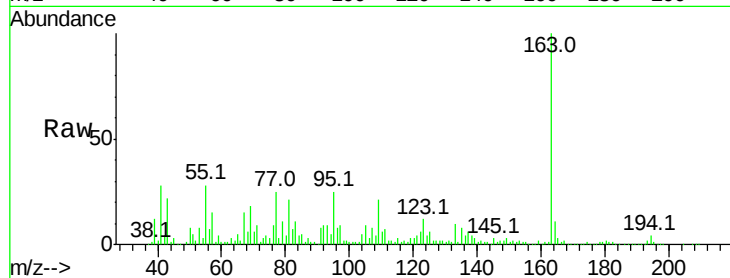
Tot Ion:163 Resp: 256418

Ion Ratio Lower Upper

163 100

194 4.2 8.0 12.0#

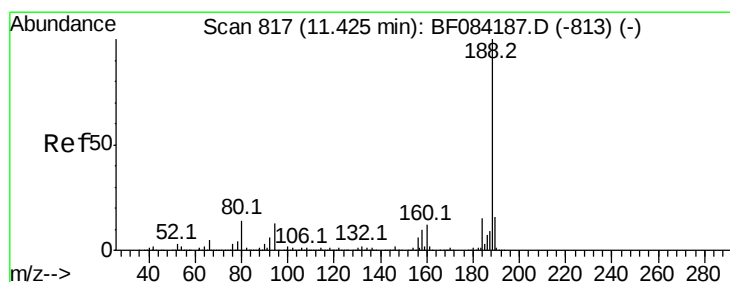
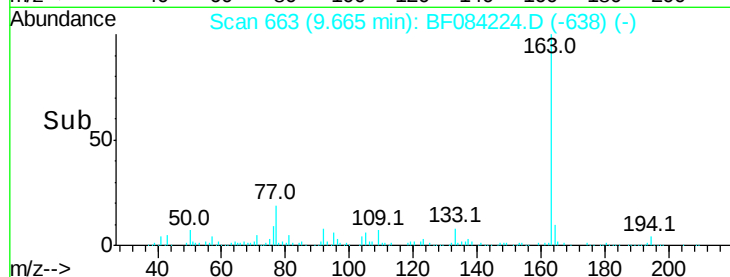
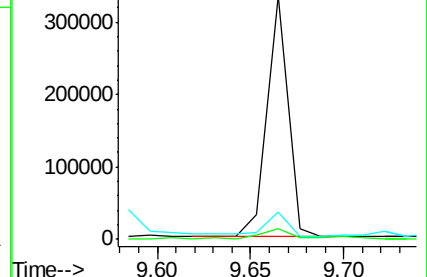
164 11.4 8.0 12.0



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: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

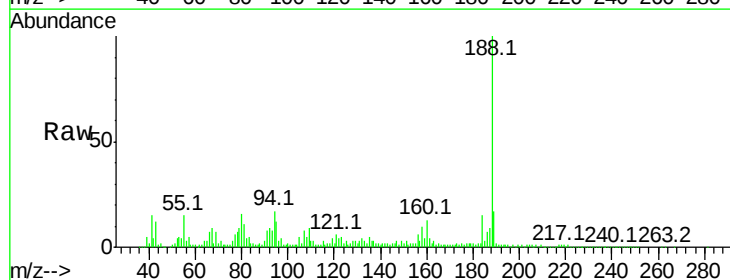
Tgt Ion:188 Resp: 581253

Ion Ratio Lower Upper

188 100

94 17.1 9.0 13.4#

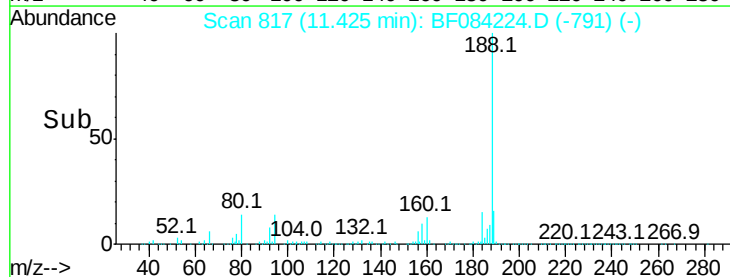
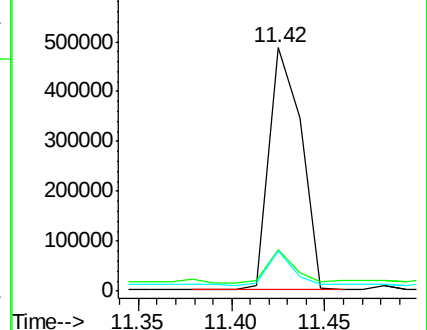
80 16.4 9.6 14.4#

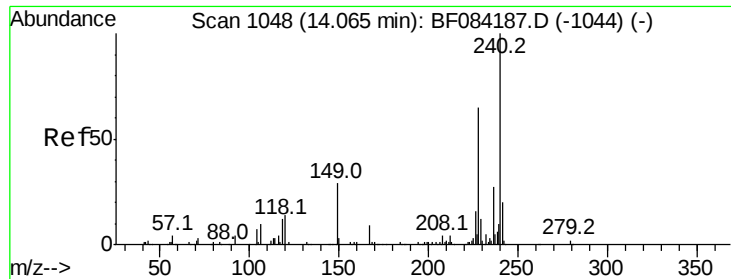


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

Instrument :

BNA_F

ClientSampleId :

S8-0529

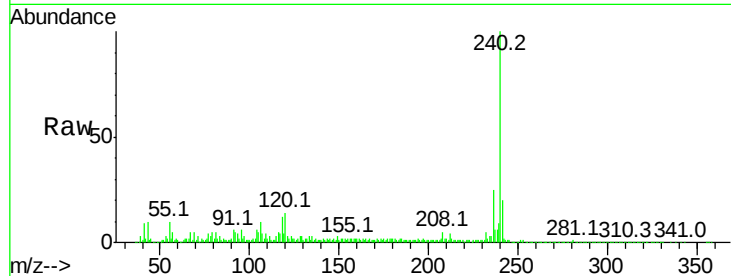
Tot Ion:240 Resp: 518477

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

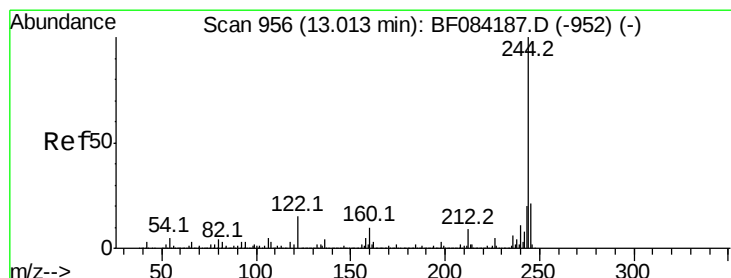
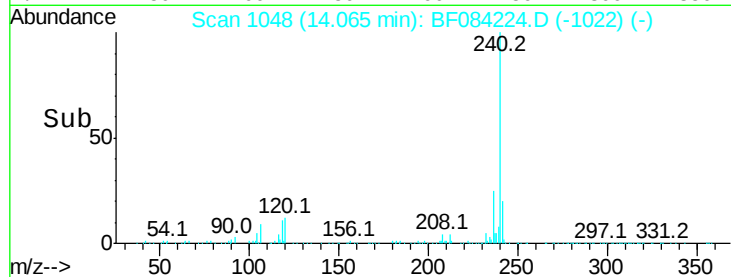
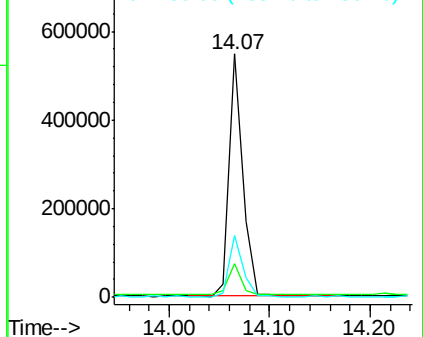
236 25.2 20.6 31.0



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: 65.80 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084224.D

Acq: 1 Jan 2016 4:47

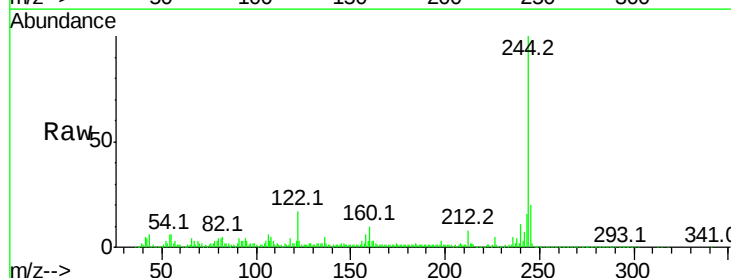
Tgt Ion:244 Resp: 1528304

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

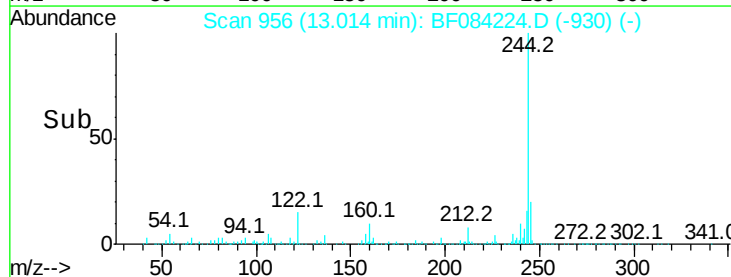
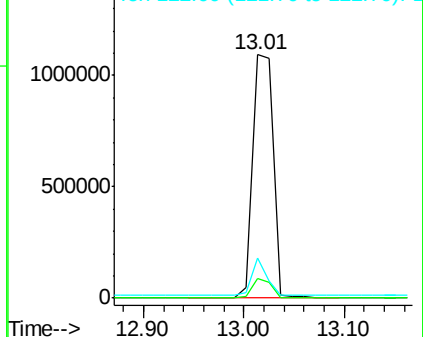
122 16.6 7.4 11.0#

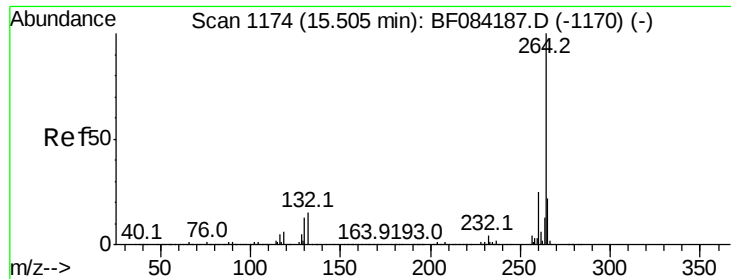


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.52 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF084224.D
Acq: 1 Jan 2016 4:47

Instrument :
BNA_F
ClientSampleId :
S8-0529

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.5	17.8	26.6

