

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084217.D
 Acq On : 1 Jan 2016 1:35
 Operator : UM/SJ
 Sample : G4982-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0535

Quant Time: Jan 02 02:22:05 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

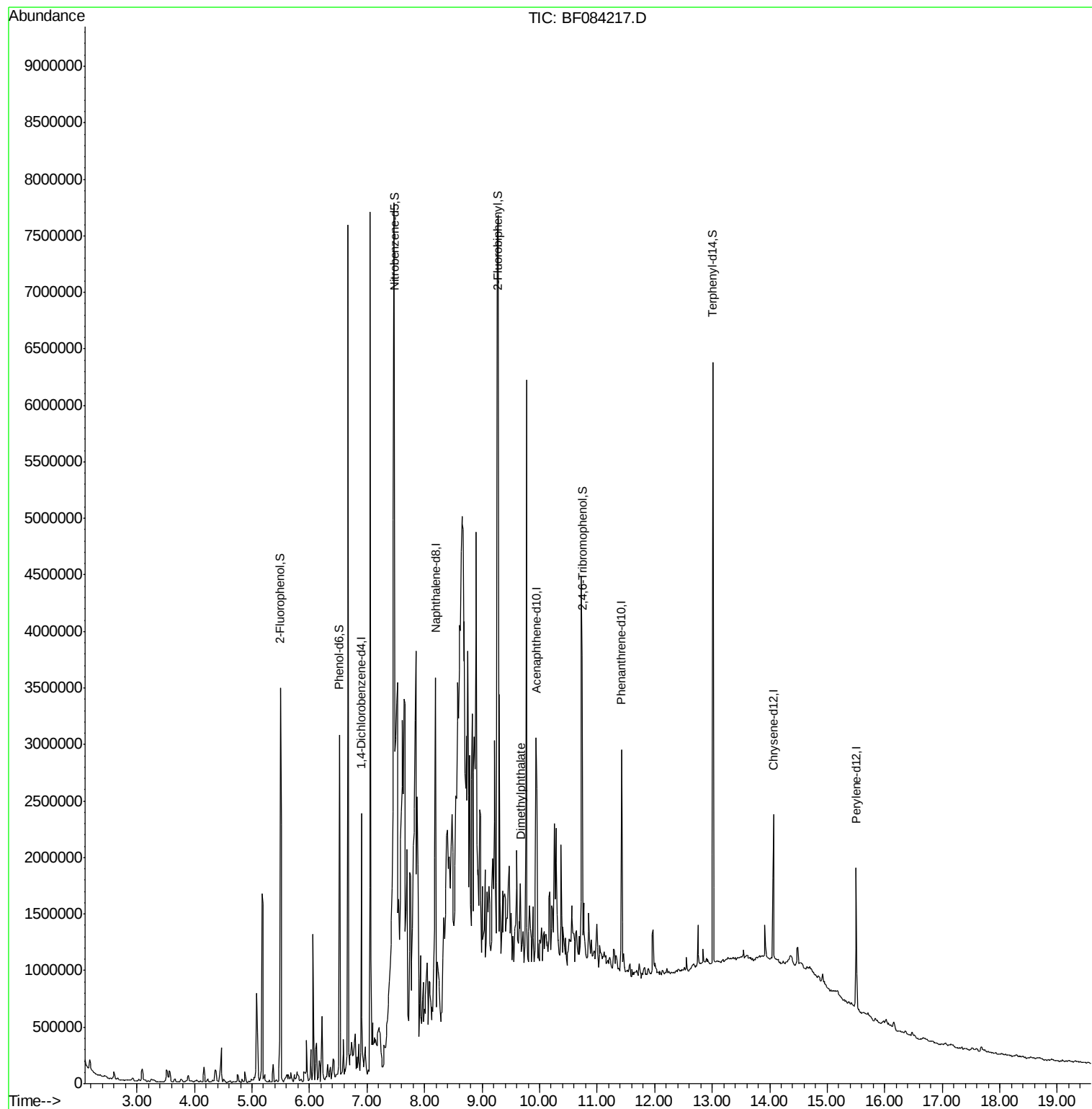
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	296428	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1168316	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	461669	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	659017	20.00	ng	0.00
75) Chrysene-d12	14.07	240	546063	20.00	ng	0.00
86) Perylene-d12	15.51	264	575786	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1156216	63.09	ng	0.00
7) Phenol-d6	6.52	99	856685	37.22	ng	-0.01
23) Nitrobenzene-d5	7.47	82	2069576	98.59	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	593826	127.40	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	3020047	117.50	ng	0.01
78) Terphenyl-d14	13.01	244	1545010	63.16	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	137098	4.15	ng	# 90

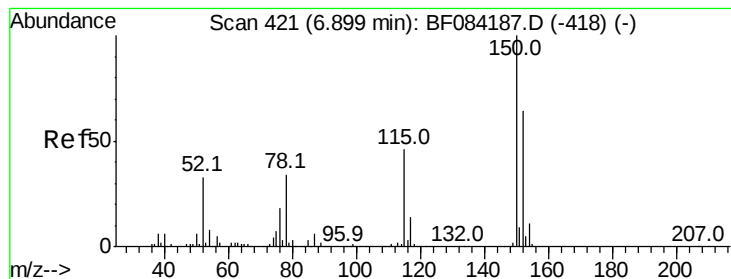
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084217.D

Acq: 1 Jan 2016 1:35

Instrument :

BNA_F

ClientSampleId :

S8-0535

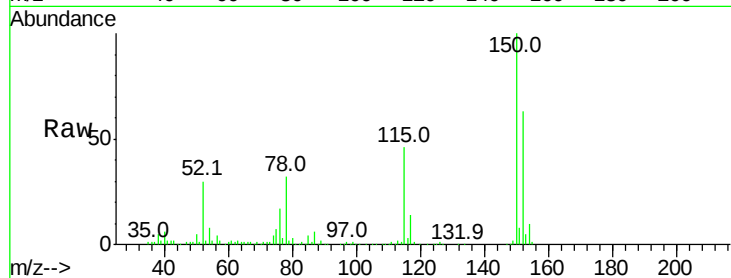
Tot Ion:152 Resp: 296428

Ion Ratio Lower Upper

152 100

150 157.9 123.0 184.4

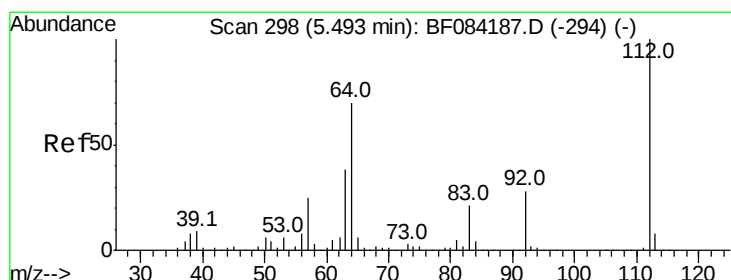
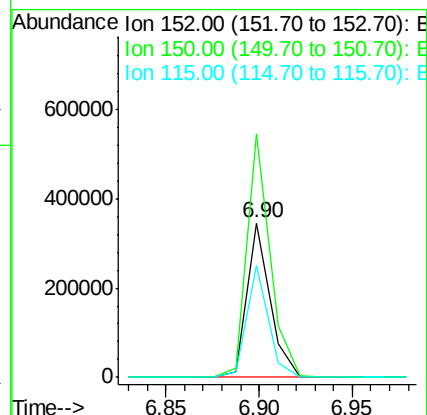
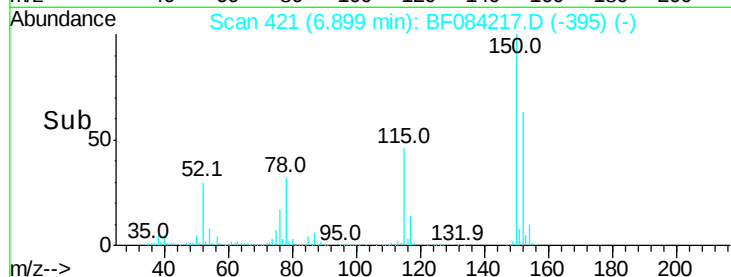
115 72.3 51.4 77.2



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: 63.09 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084217.D

Acq: 1 Jan 2016 1:35

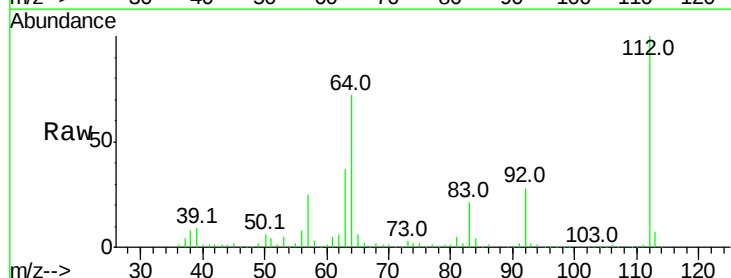
Tgt Ion:112 Resp: 1156216

Ion Ratio Lower Upper

112 100

64 72.0 36.6 55.0#

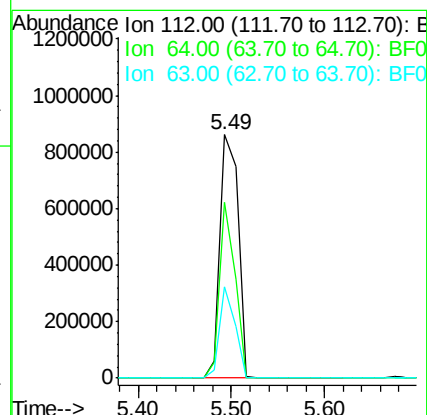
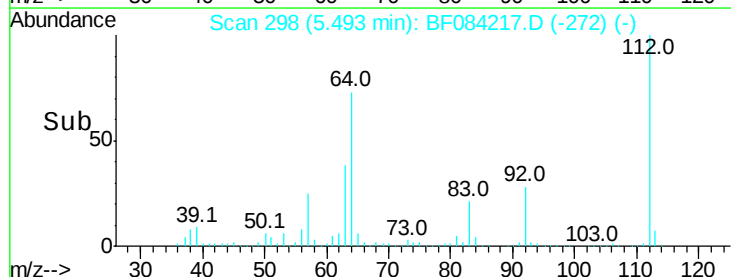
63 37.4 19.4 29.0#

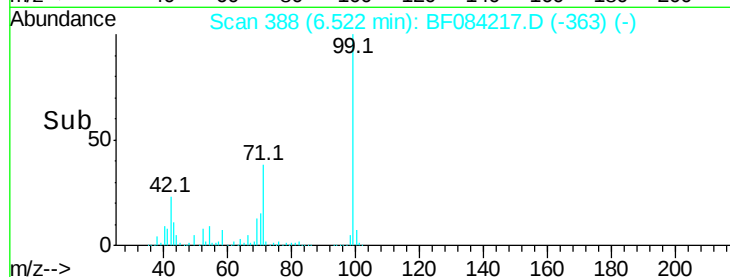
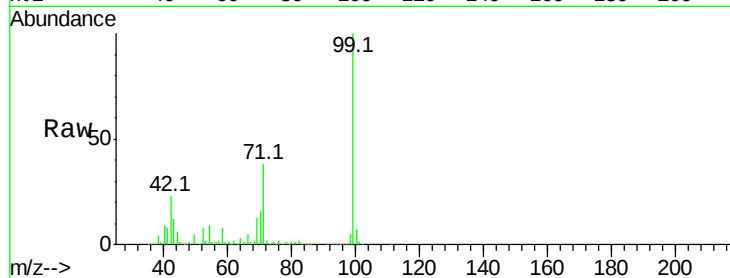
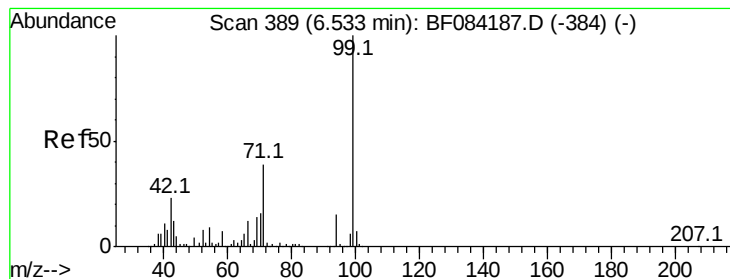


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.22 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084217.D

Acq: 1 Jan 2016 1:35

Instrument :

BNA_F

ClientSampleId :

S8-0535

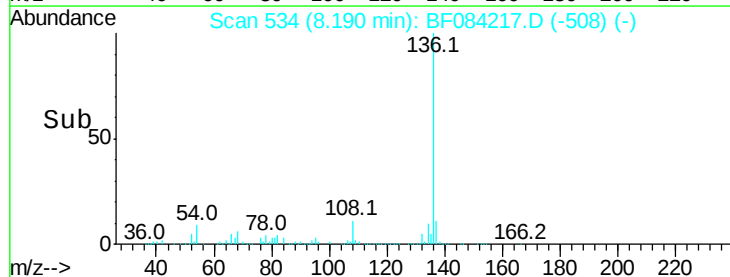
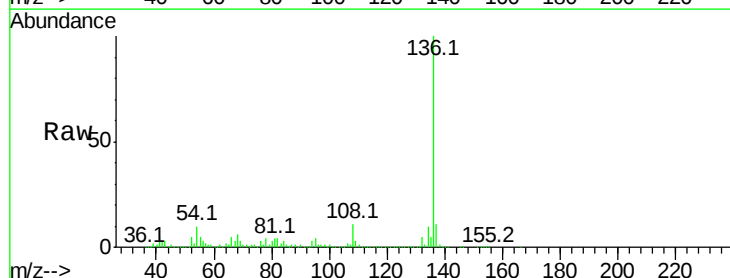
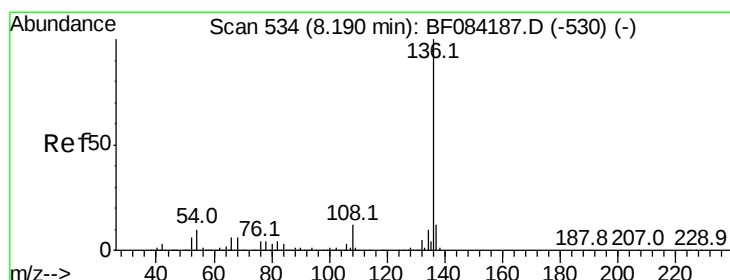
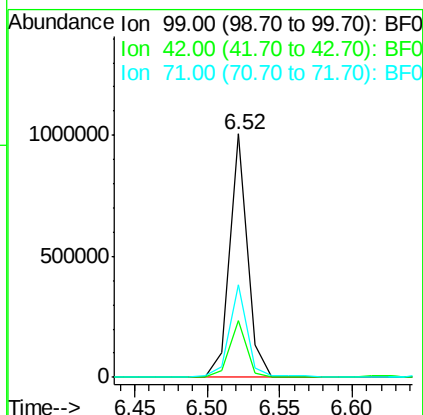
Tot Ion: 99 Resp: 856685

Ion Ratio Lower Upper

99 100

42 23.5 12.8 19.2#

71 37.8 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084217.D

Acq: 1 Jan 2016 1:35

Tgt Ion: 136 Resp: 1168316

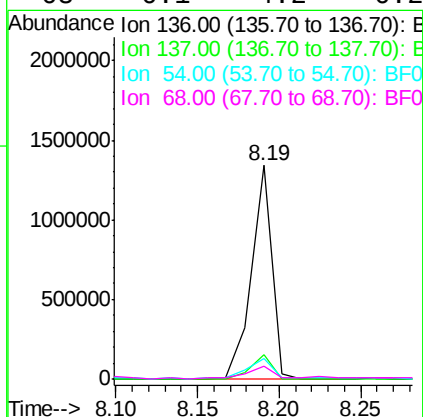
Ion Ratio Lower Upper

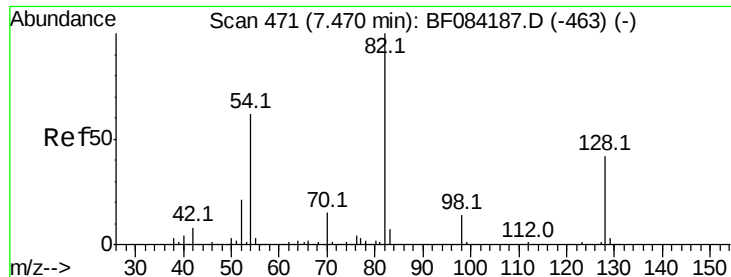
136 100

137 11.2 8.7 13.1

54 9.6 5.8 8.8#

68 6.1 4.2 6.2





#23

Nitrobenzene-d5

Concen: 98.59 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF084217.D

Acq: 1 Jan 2016 1:35

Instrument :

BNA_F

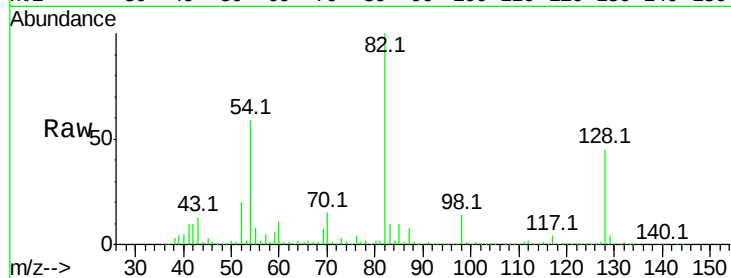
ClientSampleId :

S8-0535

Tot Ion: 82 Resp: 2069576

Ion Ratio Lower Upper

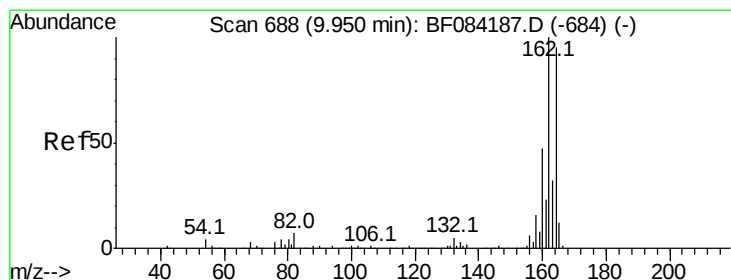
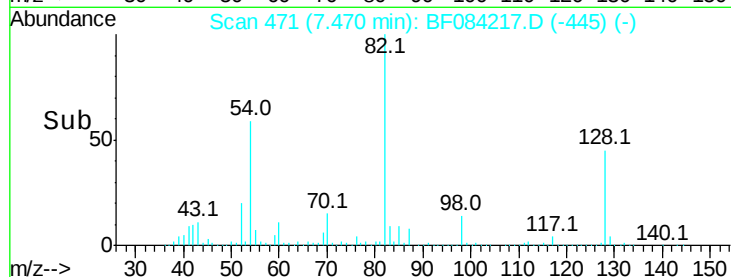
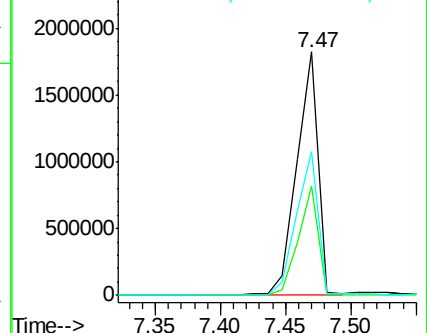
82	100		
128	44.9	34.6	51.8
54	59.2	38.4	57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

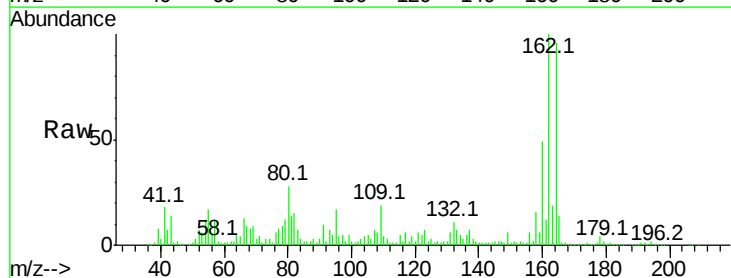
Lab File: BF084217.D

Acq: 1 Jan 2016 1:35

Tgt Ion:164 Resp: 461669

Ion Ratio Lower Upper

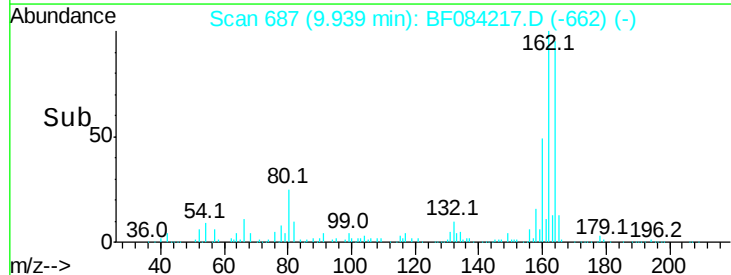
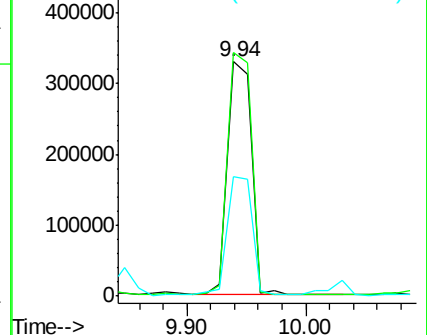
164	100		
162	103.9	85.1	127.7
160	50.9	37.5	56.3

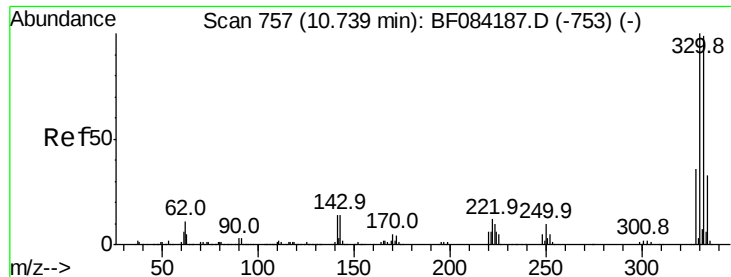


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

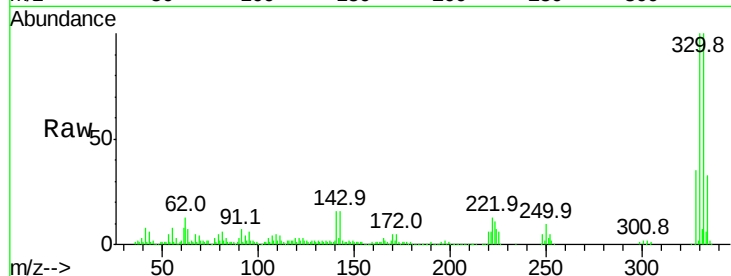




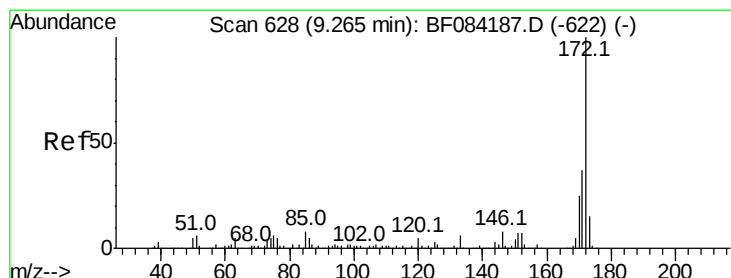
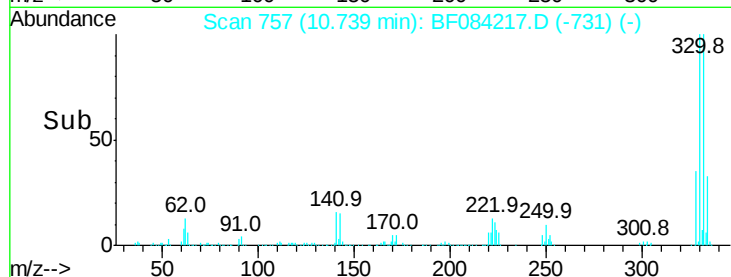
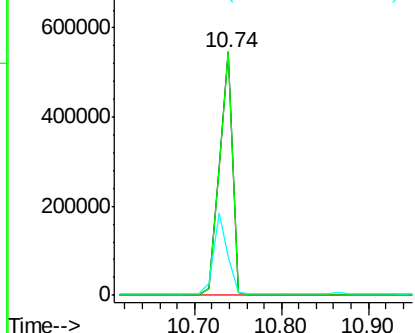
#41
 2,4,6-Tribromophenol
 Concen: 127.40 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF084217.D
 Acq: 1 Jan 2016 1:35

Instrument :
 BNA_F
 ClientSampleId :
 S8-0535

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.6	114.8
141	34.4	27.8	41.6

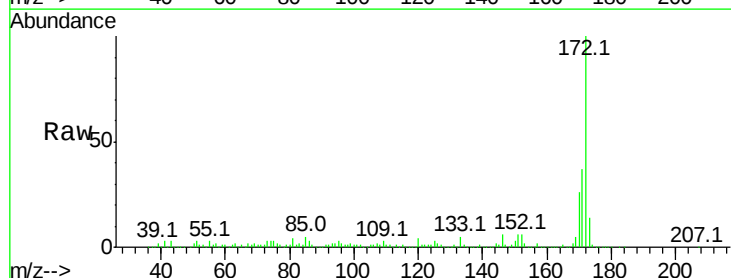


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

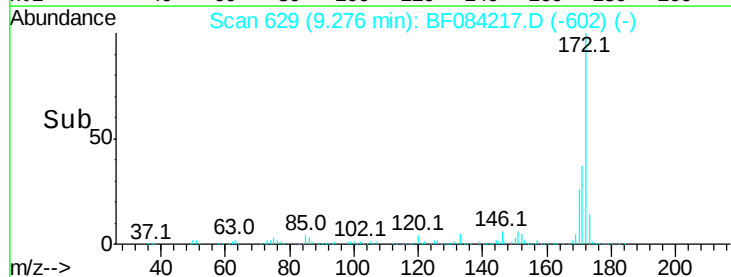
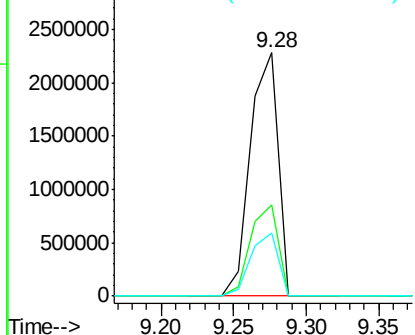


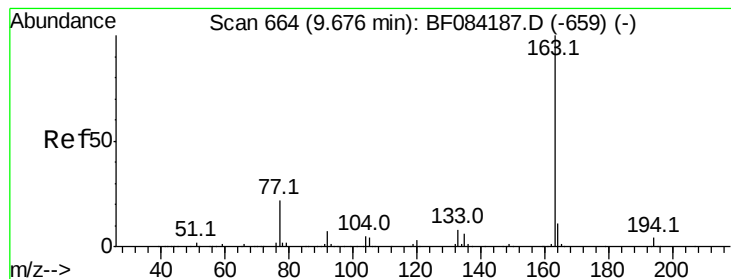
#44
 2-Fluorobiphenyl
 Concen: 117.50 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: BF084217.D
 Acq: 1 Jan 2016 1:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	26.0	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: 4.15 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF084217.D

Acq: 1 Jan 2016 1:35

Instrument :

BNA_F

ClientSampleId :

S8-0535

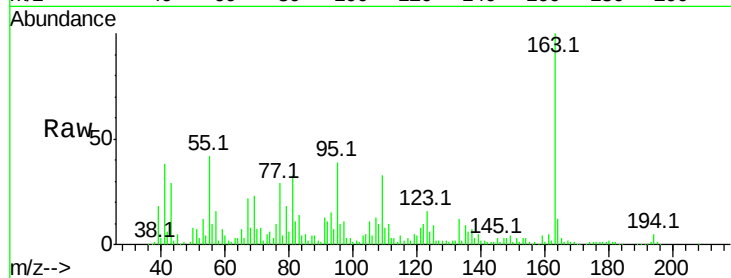
Tot Ion:163 Resp: 137098

Ion Ratio Lower Upper

163 100

194 4.7 8.0 12.0#

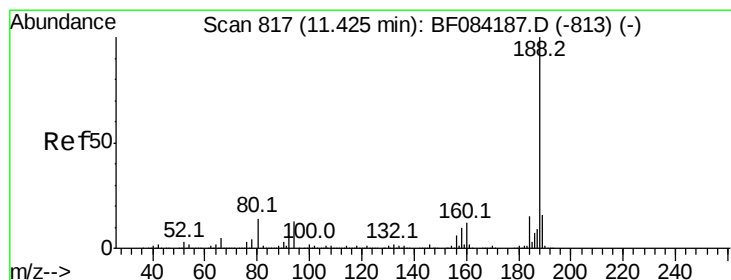
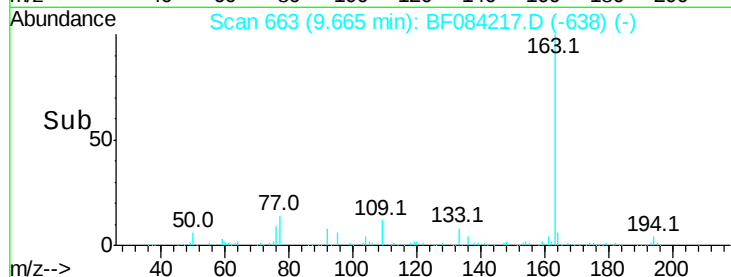
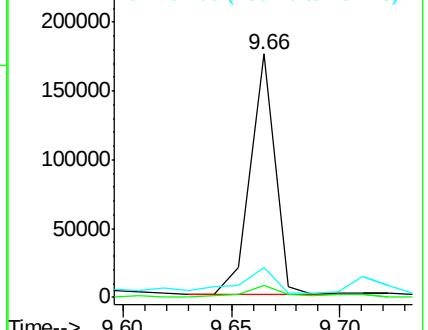
164 12.1 8.0 12.0#



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: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084217.D

Acq: 1 Jan 2016 1:35

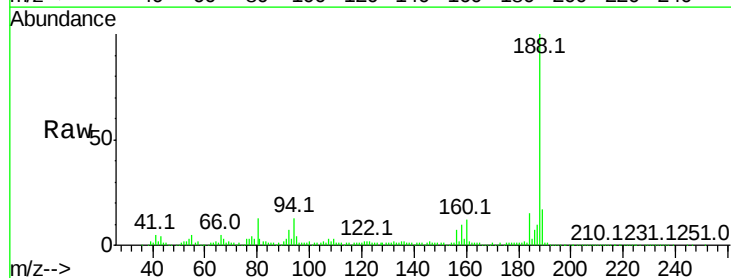
Tgt Ion:188 Resp: 659017

Ion Ratio Lower Upper

188 100

94 12.7 9.0 13.4

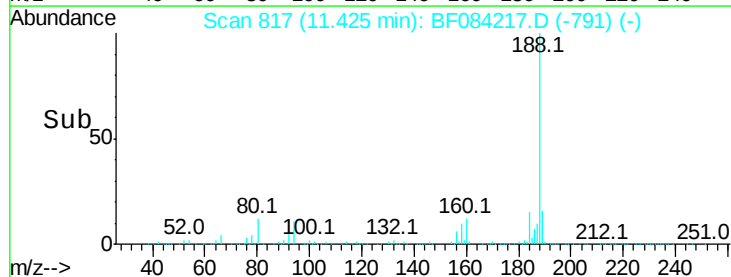
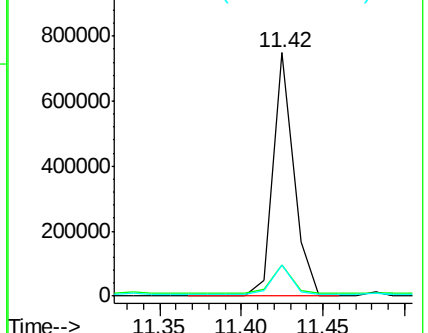
80 13.0 9.6 14.4

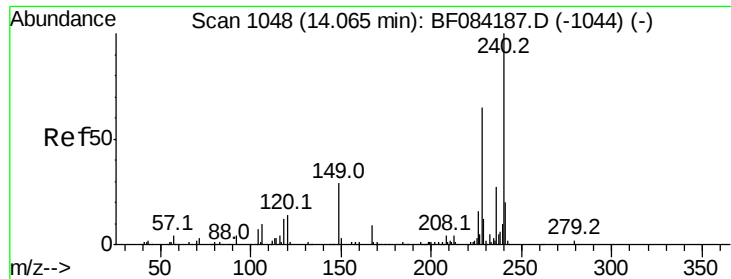


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084217.D

Acq: 1 Jan 2016 1:35

Instrument :

BNA_F

ClientSampleId :

S8-0535

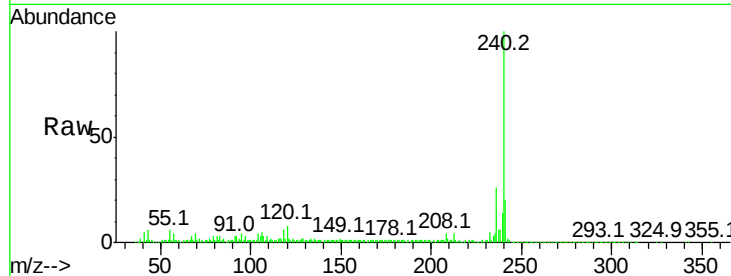
Tot Ion:240 Resp: 546063

Ion Ratio Lower Upper

240 100

120 7.9 9.5 14.3#

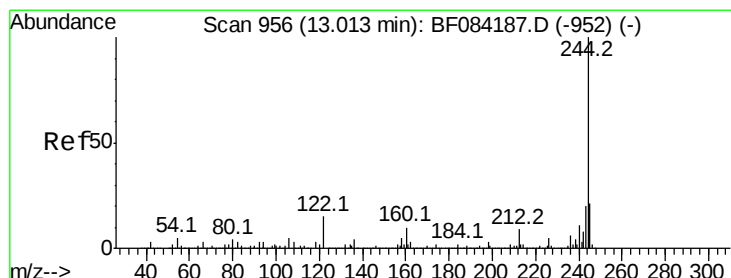
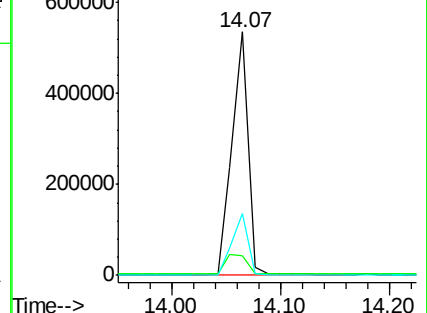
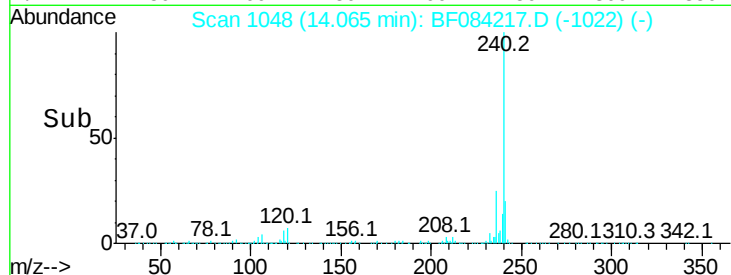
236 25.6 20.6 31.0



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: 63.16 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084217.D

Acq: 1 Jan 2016 1:35

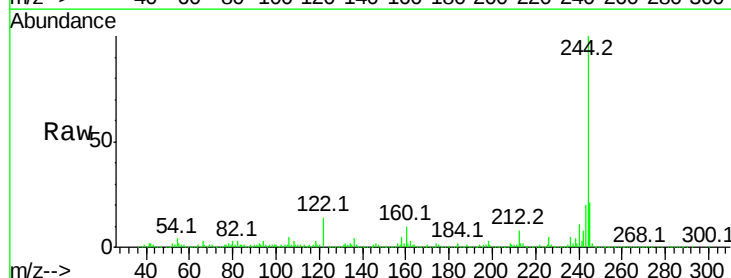
Tgt Ion:244 Resp: 1545010

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

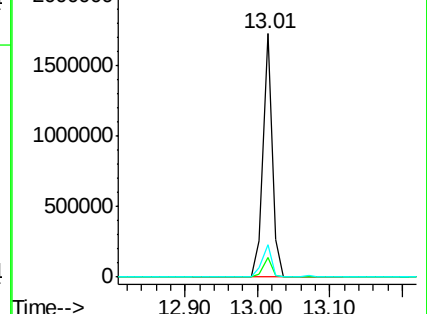
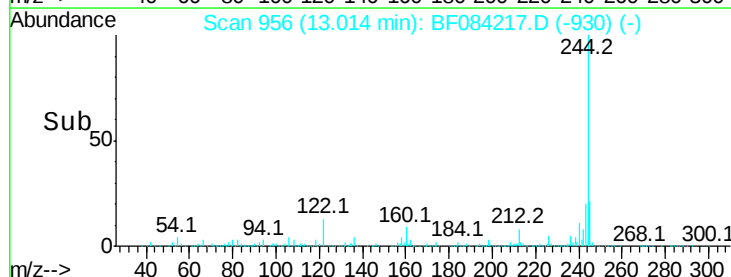
122 13.5 7.4 11.0#

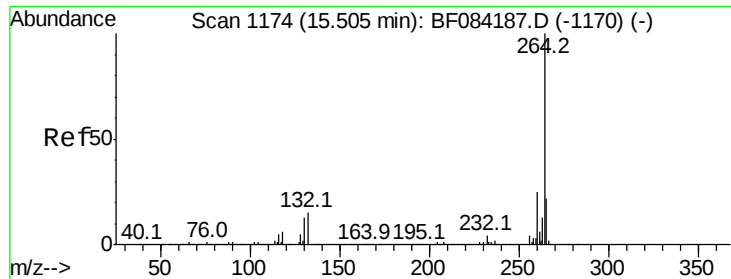


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084217.D
Acq: 1 Jan 2016 1:35

Instrument :
BNA_F
ClientSampleId :
S8-0535

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.7	17.8	26.6

