

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084638.D
 Acq On : 29 Jan 2016 16:13
 Operator : SJ/IZ
 Sample : H1257-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(10-13)

Quant Time: Jan 29 23:37:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:54:53 2016
 Response via : Initial Calibration

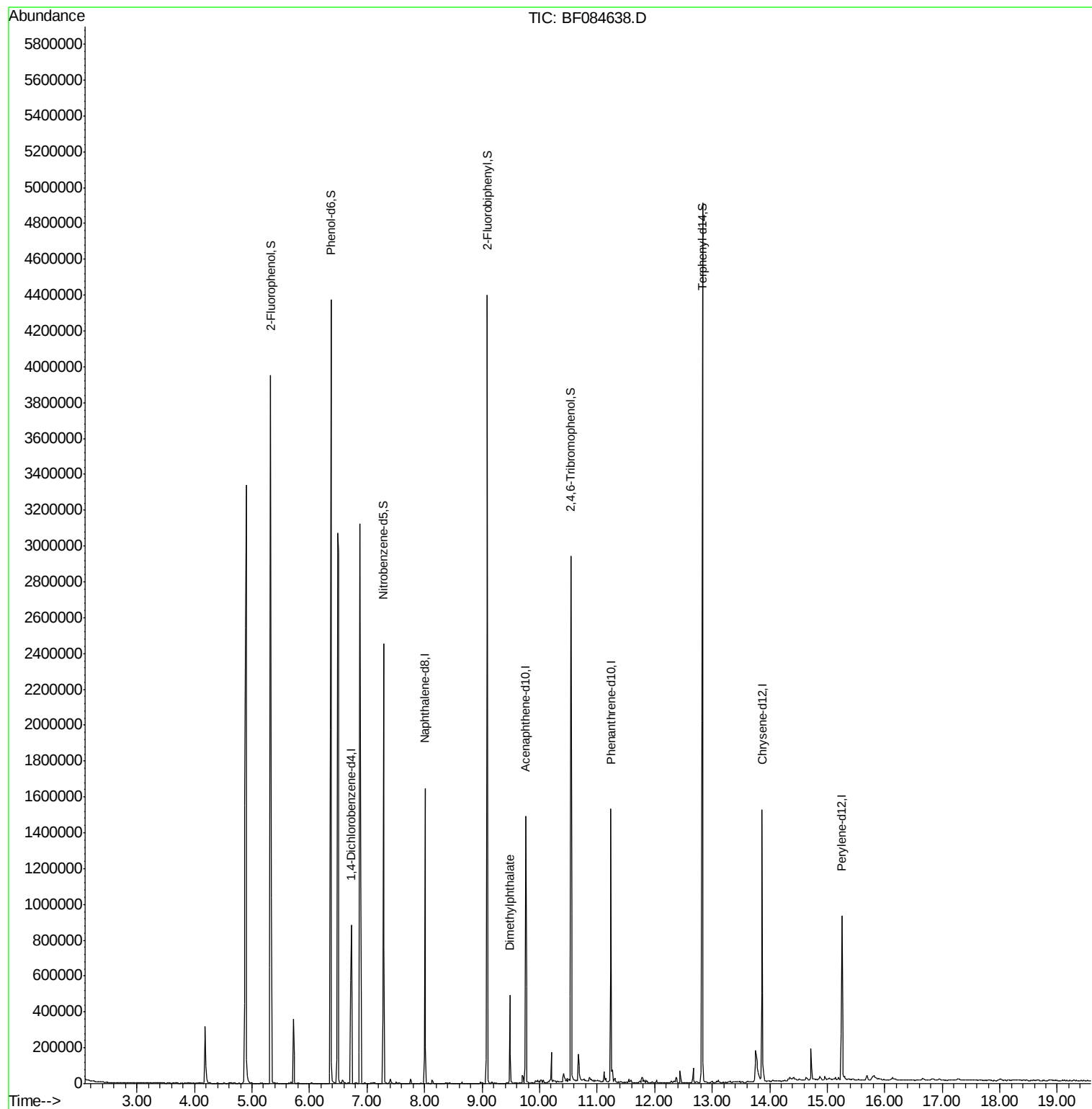
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	165053	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	673981	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	302141	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	598864	20.00	ng	0.00
75) Chrysene-d12	13.87	240	522304	20.00	ng	0.00
86) Perylene-d12	15.25	264	386468	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1082357	98.99	ng	0.01
7) Phenol-d6	6.37	99	1511721	115.35	ng	0.00
23) Nitrobenzene-d5	7.29	82	826231	68.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	380112	120.03	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1626077	79.99	ng	0.00
78) Terphenyl-d14	12.83	244	1585825	68.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	203005	8.95	ng	Qvalue # 90

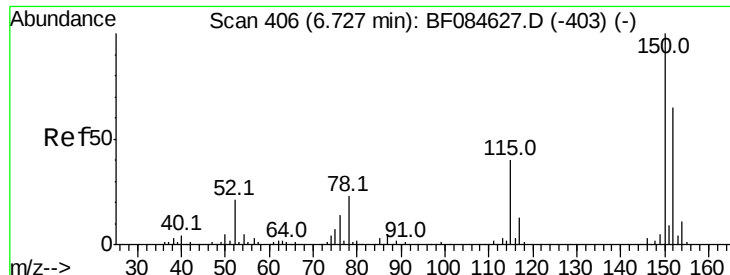
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

Instrument :

BNA_F

ClientSampleId :

SUP-B015(10-13)

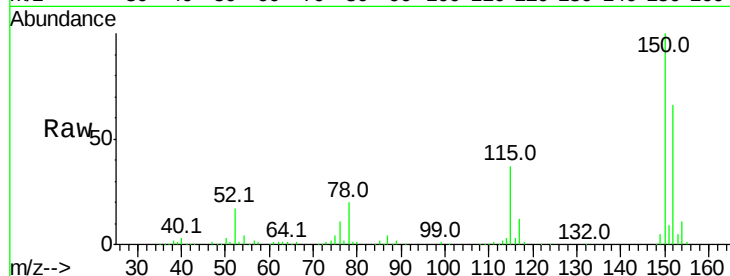
Tot Ion:152 Resp: 165053

Ion Ratio Lower Upper

152 100

150 152.3 123.0 184.4

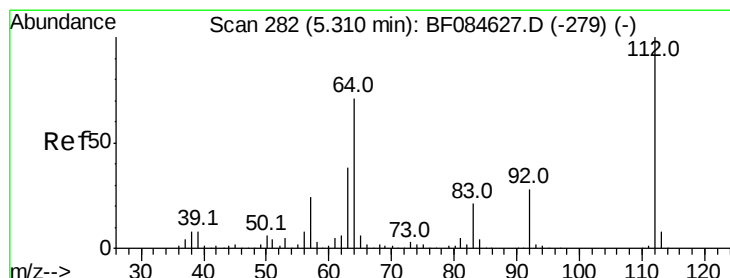
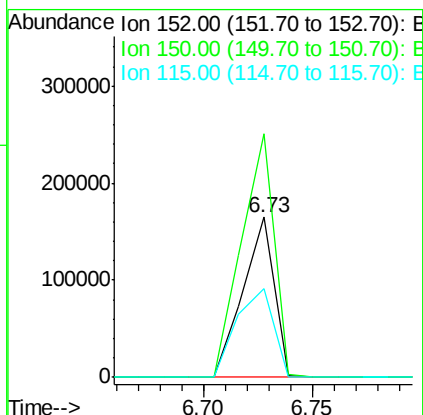
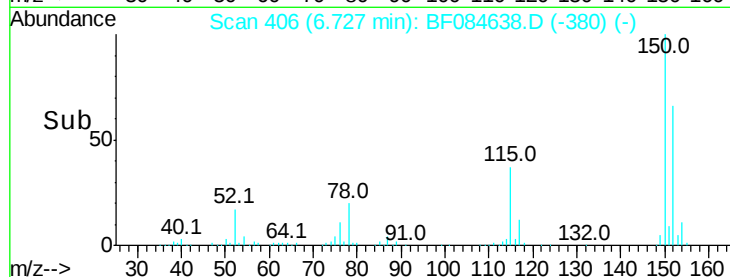
115 55.6 51.4 77.2



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: 98.99 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

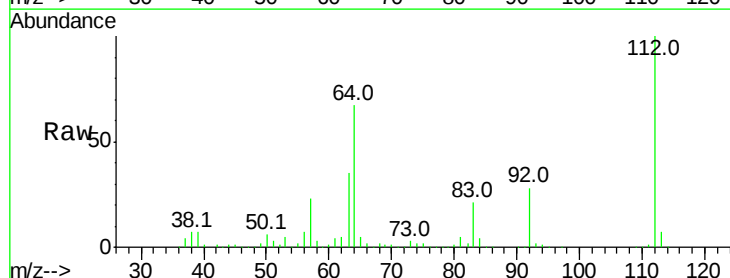
Tgt Ion:112 Resp: 1082357

Ion Ratio Lower Upper

112 100

64 66.9 36.6 55.0#

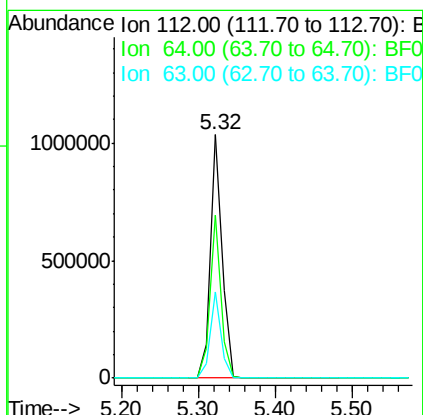
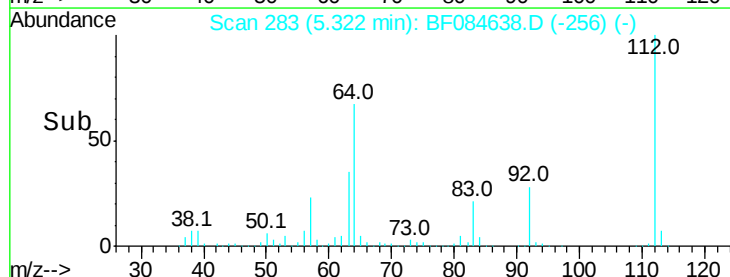
63 35.4 19.4 29.0#

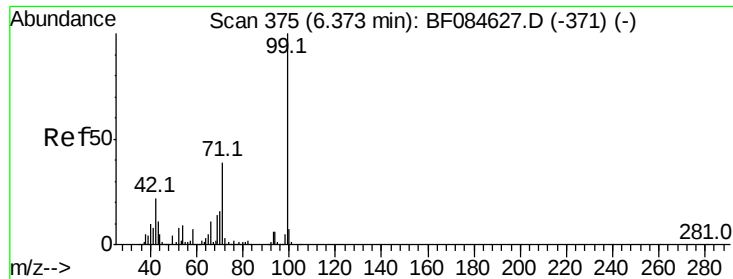


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.35 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

Instrument :

BNA_F

ClientSampleId :

SUP-B015(10-13)

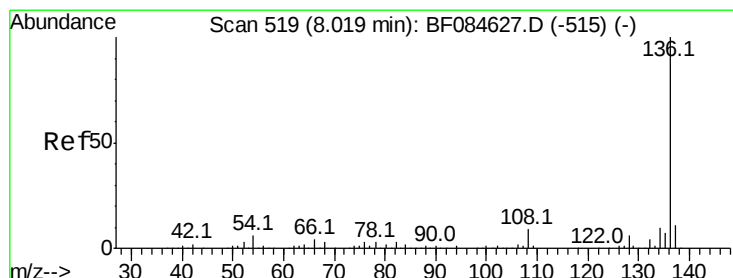
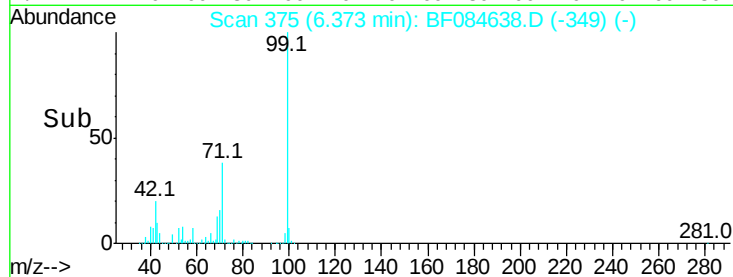
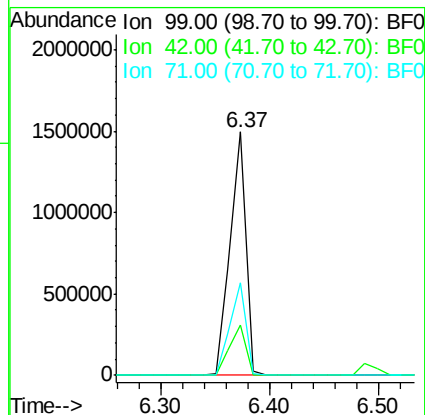
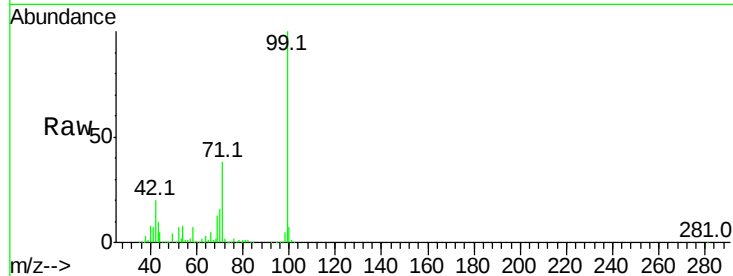
Tot Ion: 99 Resp: 1511721

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

71 37.9 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

Tgt Ion: 136 Resp: 673981

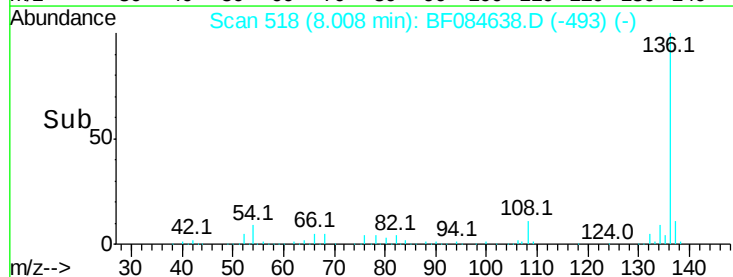
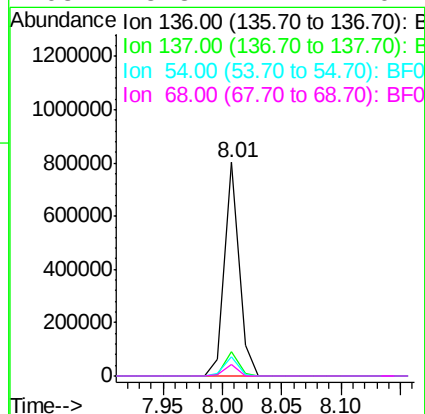
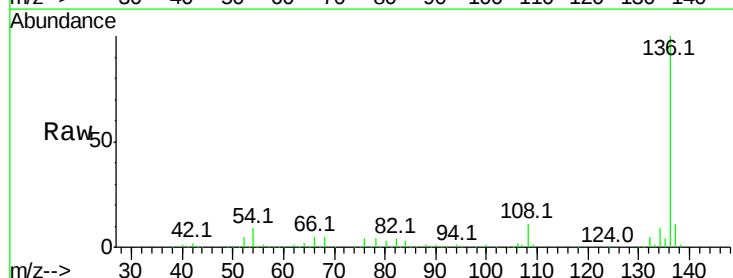
Ion Ratio Lower Upper

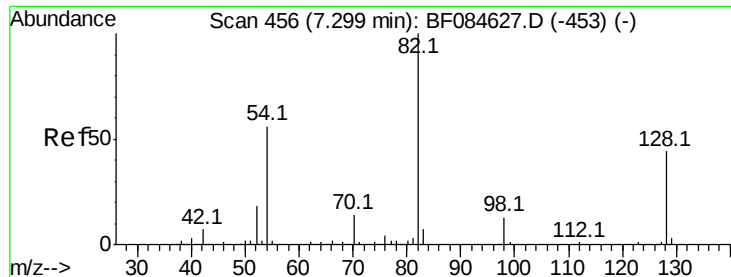
136 100

137 11.3 8.7 13.1

54 9.2 5.8 8.8#

68 5.3 4.2 6.2

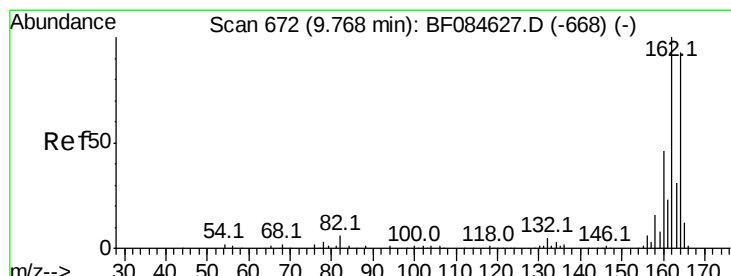
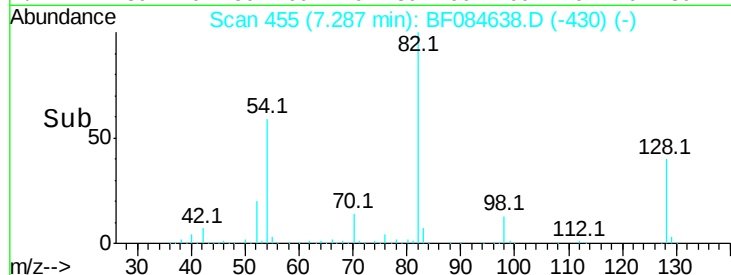
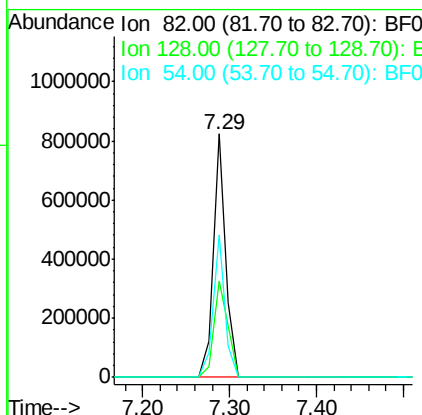
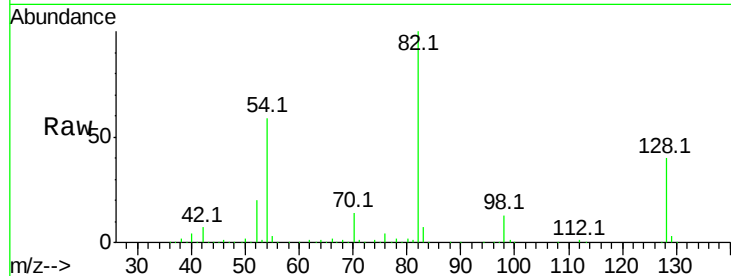




#23
 Nitrobenzene-d5
 Concen: 68.51 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084638.D
 Acq: 29 Jan 2016 16:13

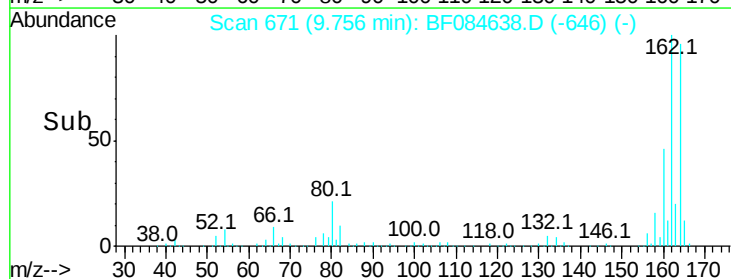
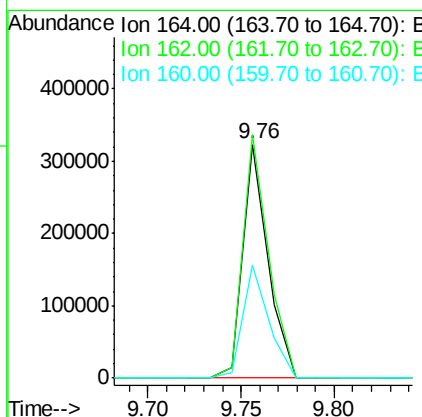
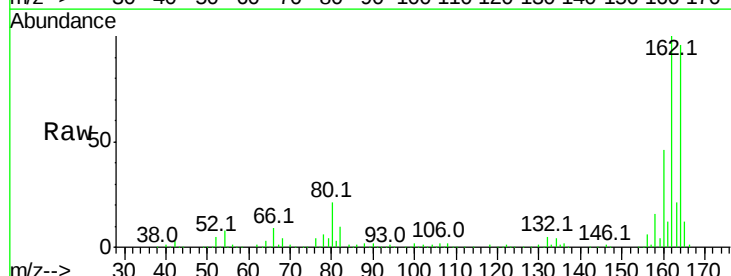
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(10-13)

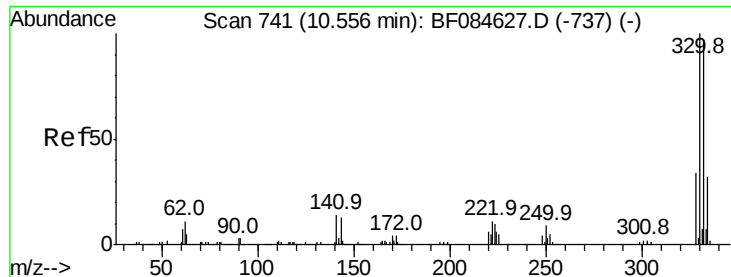
Tot Ion: 82 Resp: 826231
 Ion Ratio Lower Upper
 82 100
 128 39.7 34.6 51.8
 54 58.5 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF084638.D
 Acq: 29 Jan 2016 16:13

Tgt Ion:164 Resp: 302141
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.1 127.7
 160 48.2 37.5 56.3

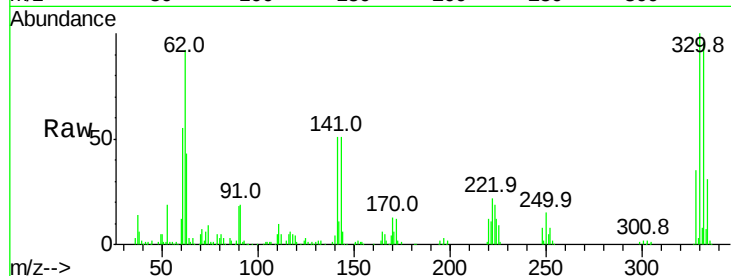




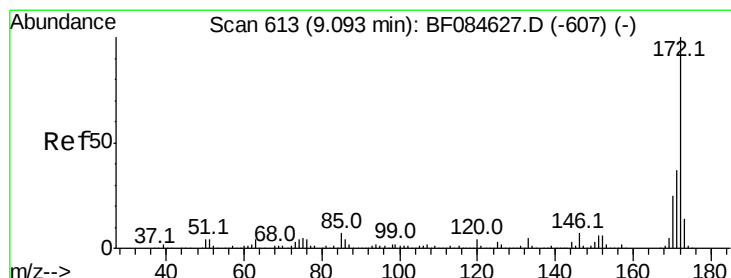
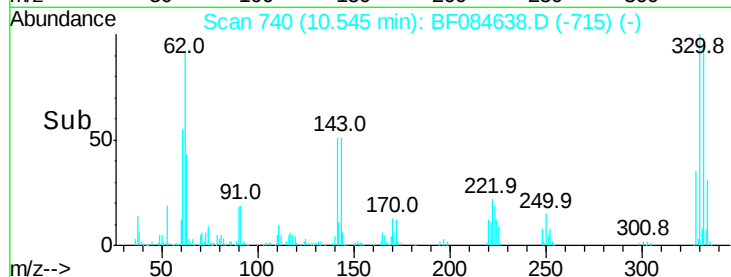
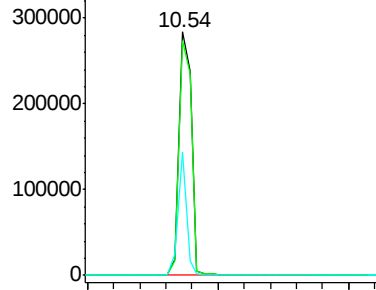
#41
 2,4,6-Tribromophenol
 Concen: 120.03 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084638.D
 Acq: 29 Jan 2016 16:13

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B015(10-13)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	114.8
141	34.3	27.8	41.6

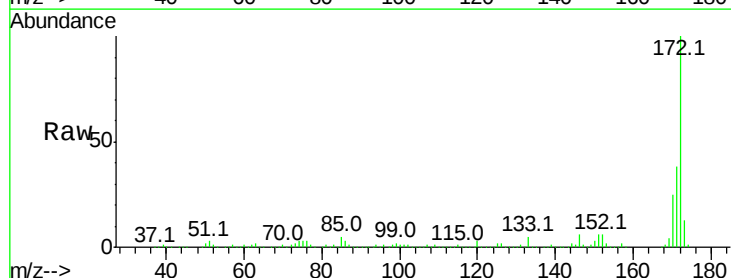


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

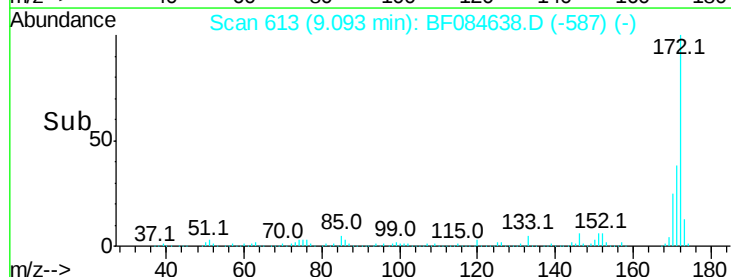
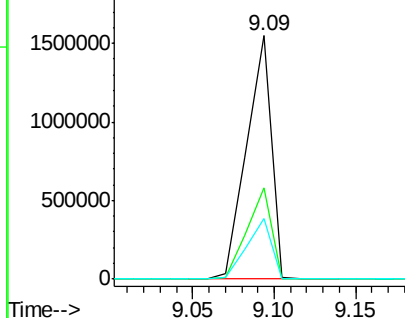


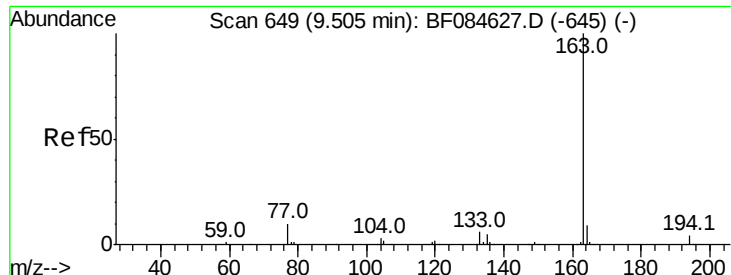
#44
 2-Fluorobiphenyl
 Concen: 79.99 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF084638.D
 Acq: 29 Jan 2016 16:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.9	43.3
170	25.0	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: 8.95 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

Instrument :

BNA_F

ClientSampleId :

SUP-B015(10-13)

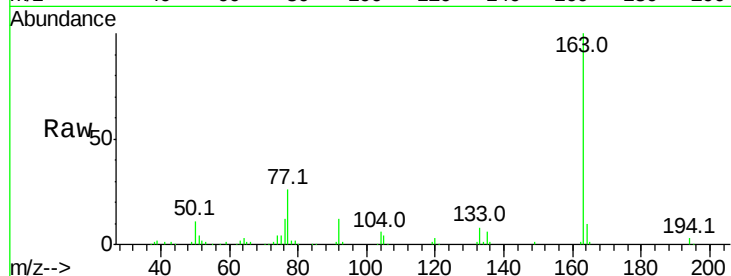
Tot Ion:163 Resp: 203005

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

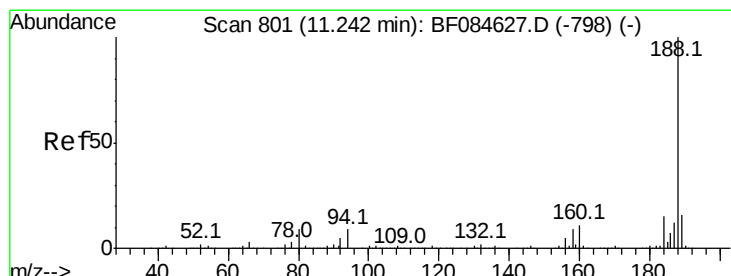
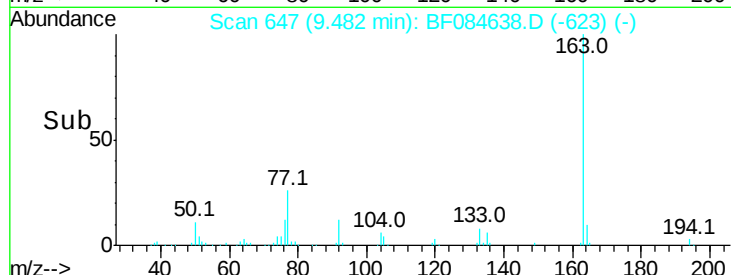
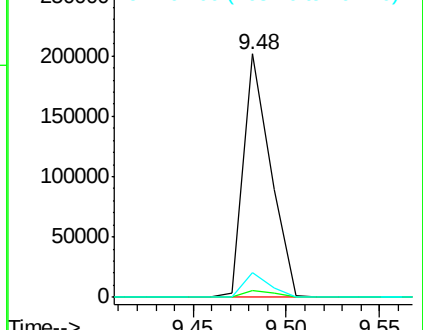
164 10.3 8.0 12.0



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: 11.24 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

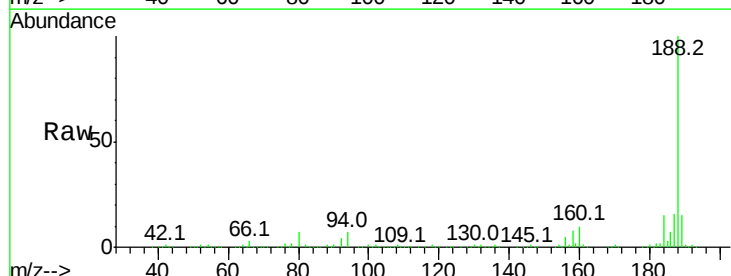
Tgt Ion:188 Resp: 598864

Ion Ratio Lower Upper

188 100

94 6.5 9.0 13.4#

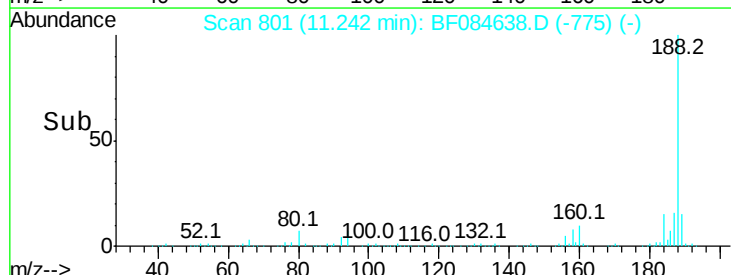
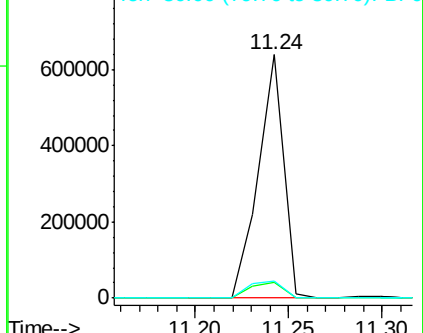
80 7.0 9.6 14.4#

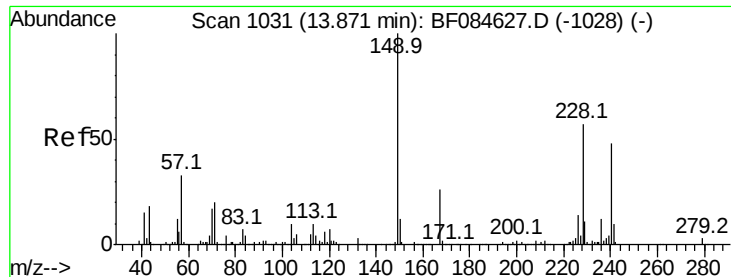


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

Instrument :

BNA_F

ClientSampleId :

SUP-B015(10-13)

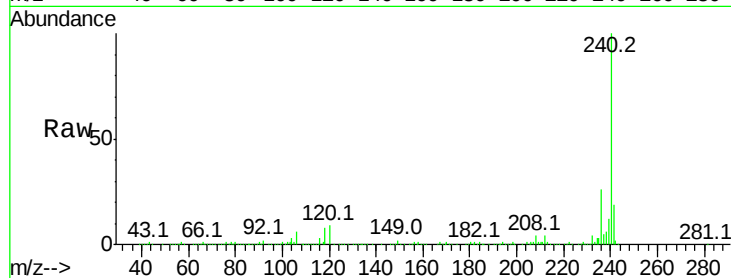
Tot Ion:240 Resp: 522304

Ion Ratio Lower Upper

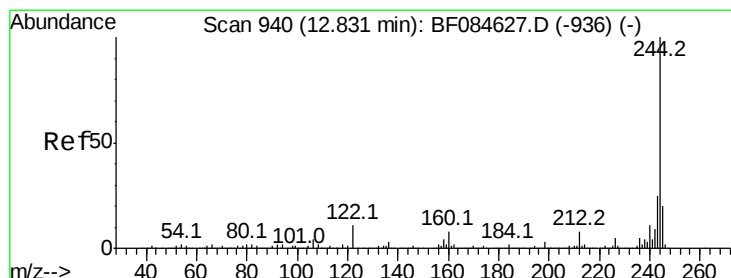
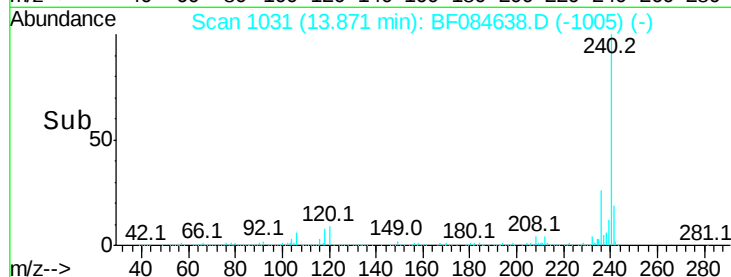
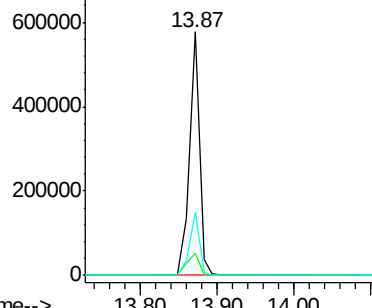
240 100

120 8.9 9.5 14.3#

236 26.0 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: 68.57 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF084638.D

Acq: 29 Jan 2016 16:13

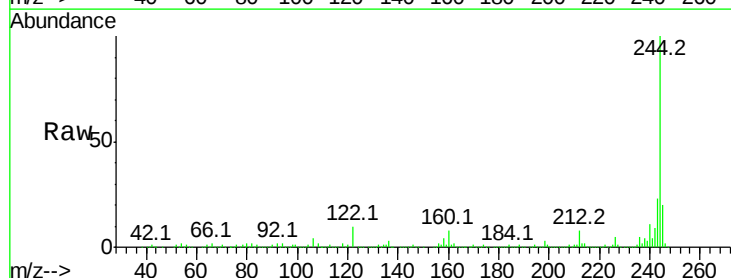
Tgt Ion:244 Resp: 1585825

Ion Ratio Lower Upper

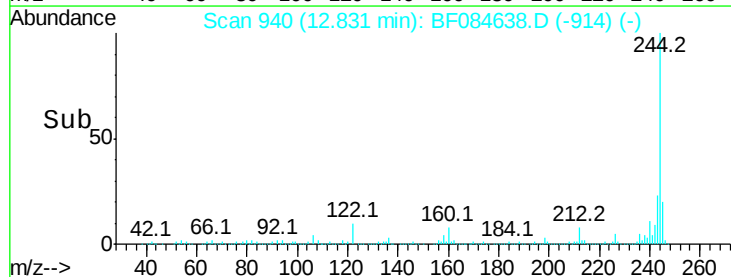
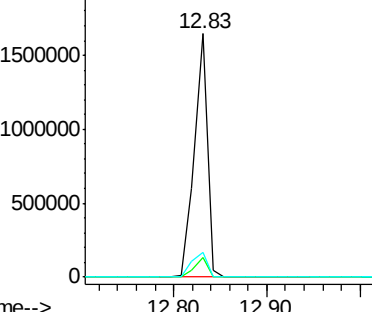
244 100

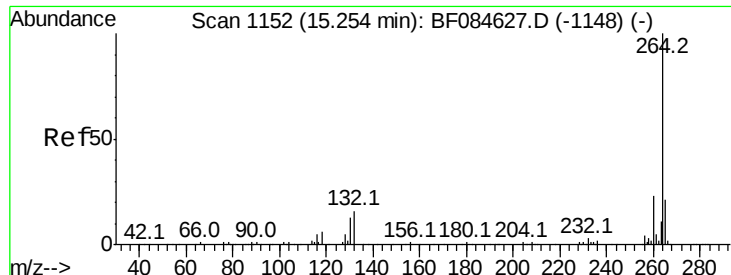
212 7.8 5.7 8.5

122 10.4 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



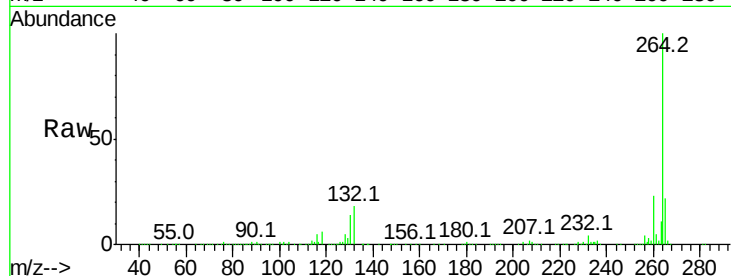


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF084638.D
Acq: 29 Jan 2016 16:13

Instrument :
BNA_F
ClientSampleId :
SUP-B015(10-13)

Tot Ion: 264 Resp: 386468

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.9	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

