

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084948.D
 Acq On : 9 Feb 2016 13:26
 Operator : SJ/IZ
 Sample : H1377-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3

Quant Time: Feb 10 03:50:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

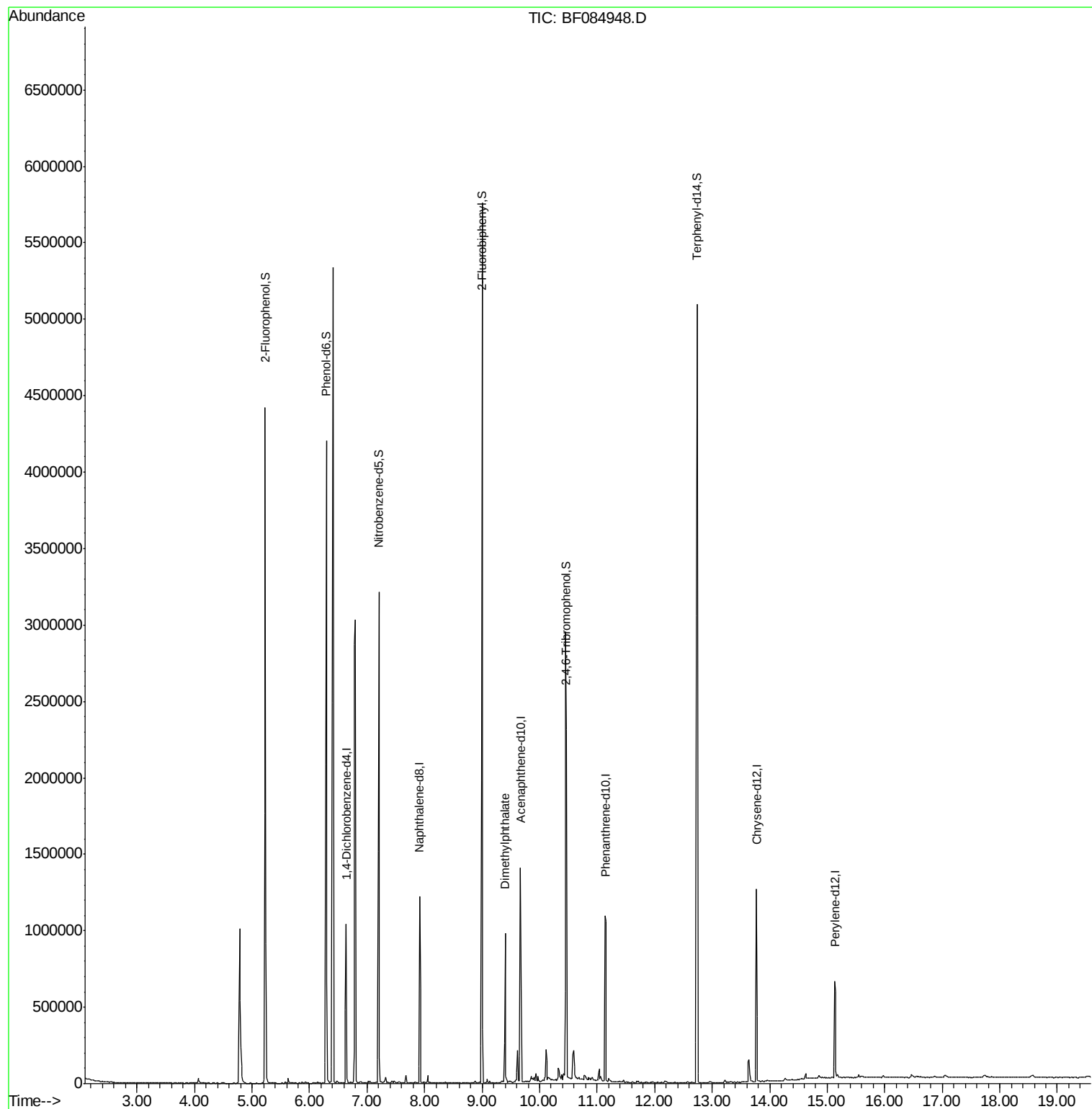
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	172778	20.00	ng	-0.05
21) Naphthalene-d8	7.92	136	668022	20.00	ng	-0.06
38) Acenaphthene-d10	9.66	164	309627	20.00	ng	-0.07
63) Phenanthrene-d10	11.15	188	604272	20.00	ng	-0.06
75) Chrysene-d12	13.77	240	450119	20.00	ng	-0.07
86) Perylene-d12	15.14	264	351552	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1379464	124.36	ng	-0.05
7) Phenol-d6	6.29	99	1676639	121.92	ng	-0.05
23) Nitrobenzene-d5	7.21	82	1156483	97.52	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	557599	172.65	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1813497	108.84	ng	-0.06
78) Terphenyl-d14	12.74	244	1886065	94.95	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	392259	16.63	ng	# 91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.05 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

Instrument :

BNA_F

ClientSampleId :

SB03-2-3

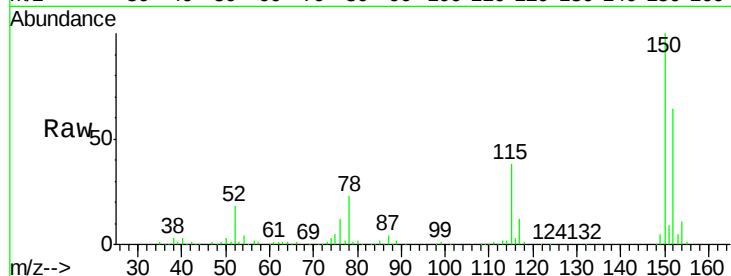
Tot Ion:152 Resp: 172778

Ion Ratio Lower Upper

152 100

150 155.1 123.0 184.4

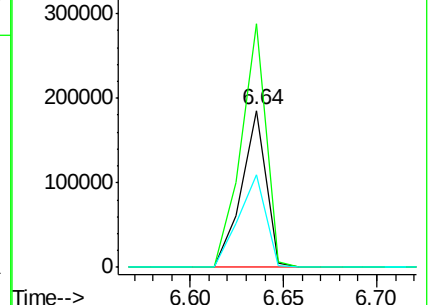
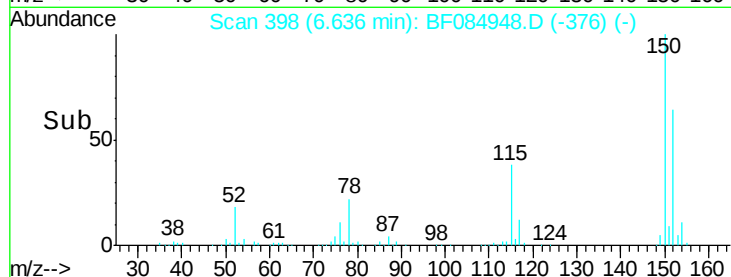
115 58.7 51.4 77.2



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: 124.36 ng

RT: 5.23 min Scan# 275

Delta R.T. -0.05 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

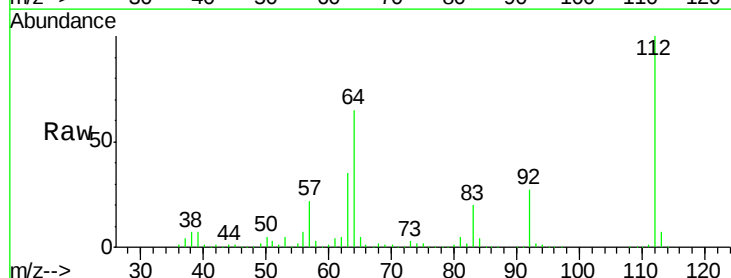
Tgt Ion:112 Resp: 1379464

Ion Ratio Lower Upper

112 100

64 64.9 36.6 55.0#

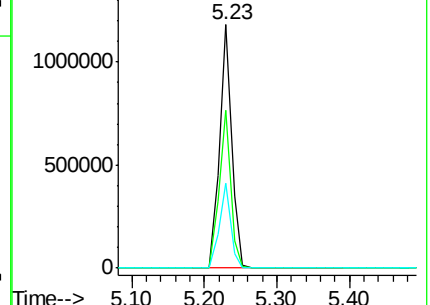
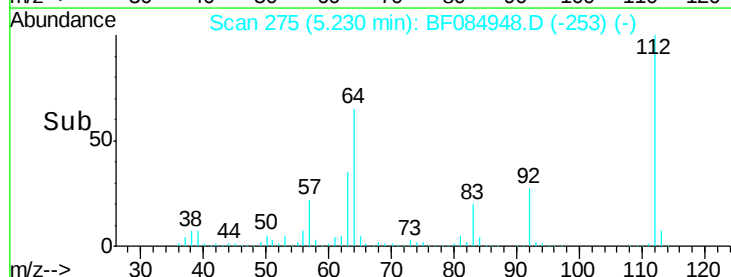
63 34.9 19.4 29.0#



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: 121.92 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.05 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

Instrument :

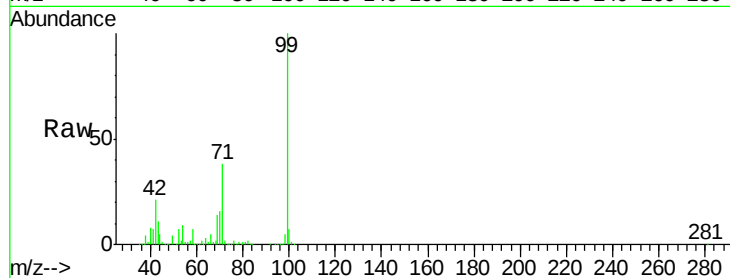
BNA_F

ClientSampleId :

SB03-2-3

Tot Ion: 99 Resp: 1676639

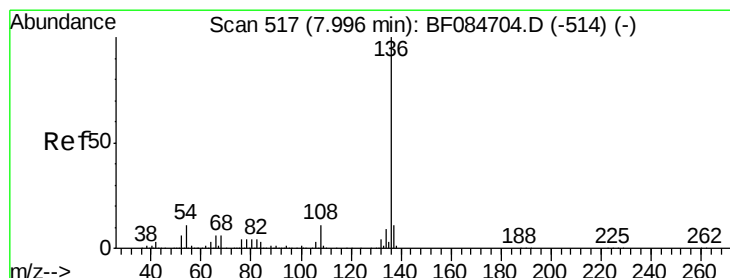
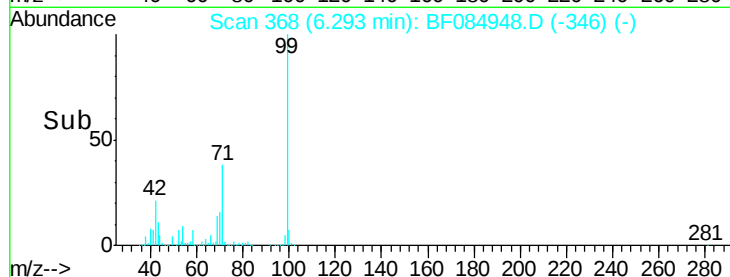
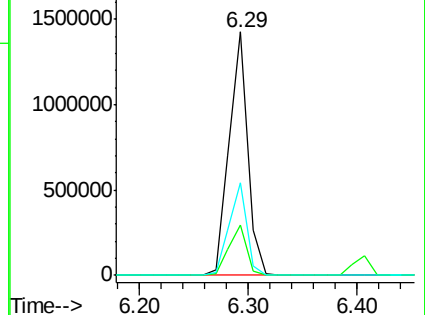
Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	38.2	30.9	46.3



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: 7.92 min Scan# 510

Delta R.T. -0.06 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

Tgt Ion: 136 Resp: 668022

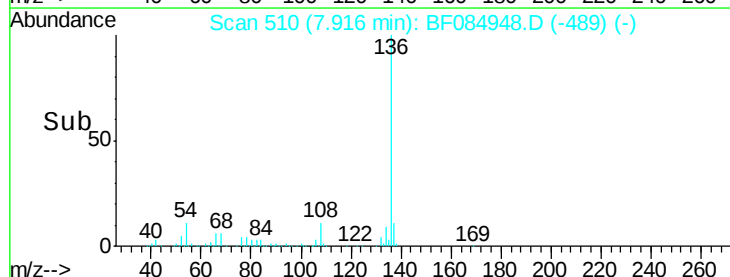
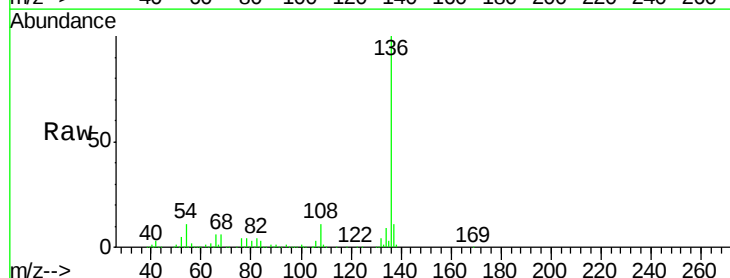
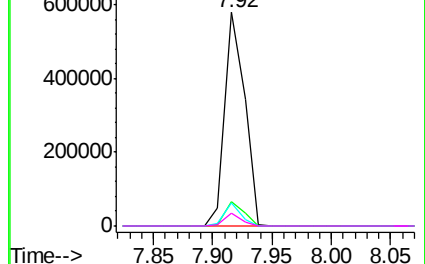
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.9	5.8	8.8#
68	5.7	4.2	6.2

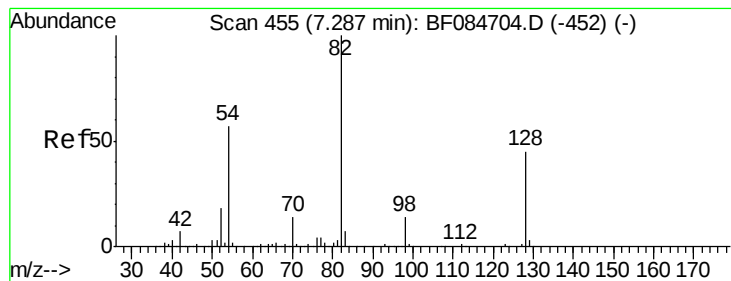
Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.52 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

Instrument :

BNA_F

ClientSampleId :

SB03-2-3

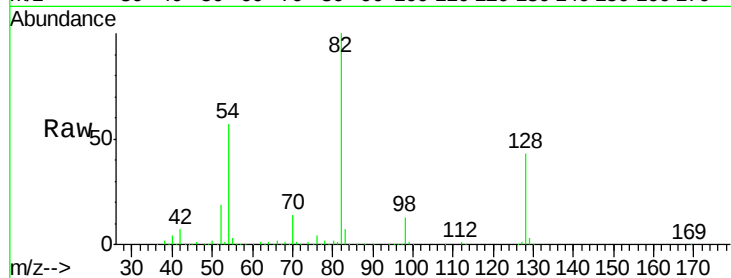
Tot Ion: 82 Resp: 1156483

Ion Ratio Lower Upper

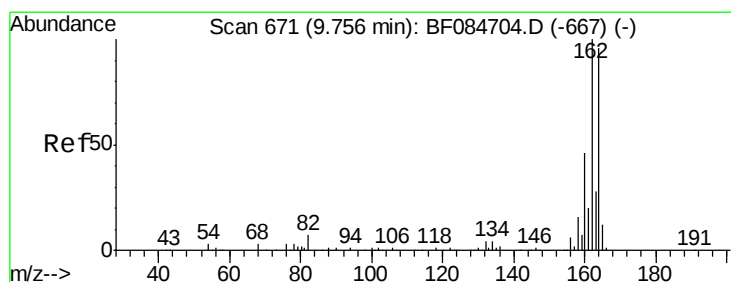
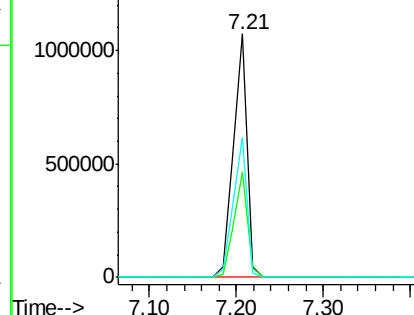
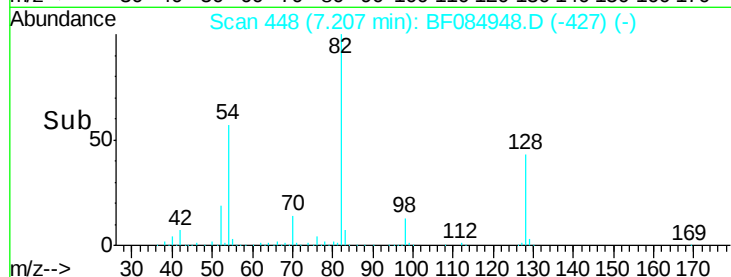
82 100

128 43.1 34.6 51.8

54 57.4 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: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

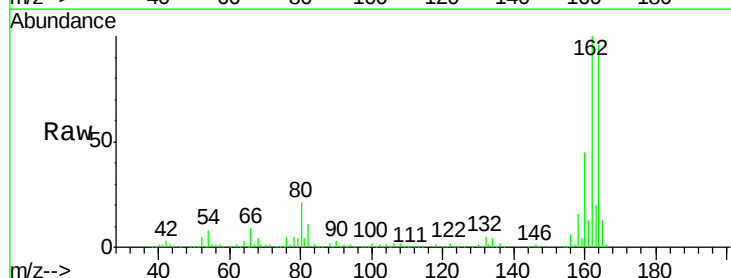
Tgt Ion:164 Resp: 309627

Ion Ratio Lower Upper

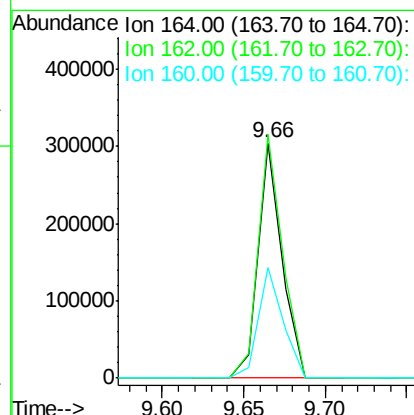
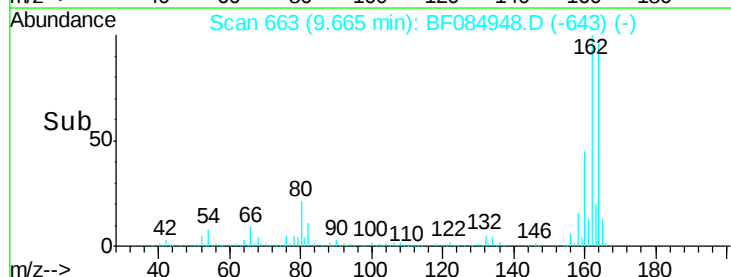
164 100

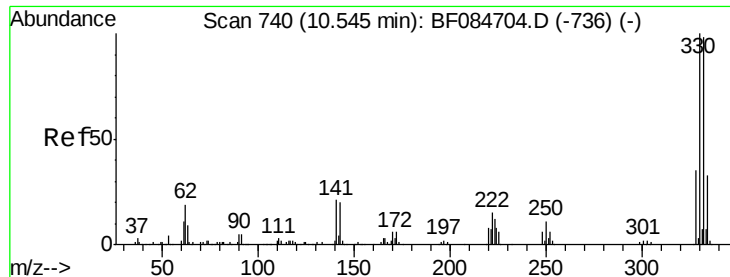
162 103.7 85.1 127.7

160 46.9 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): BF0
Ion 162.00 (161.70 to 162.70): BF0
Ion 160.00 (159.70 to 160.70): BF0

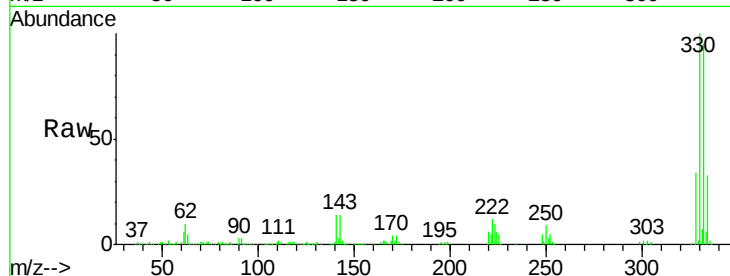




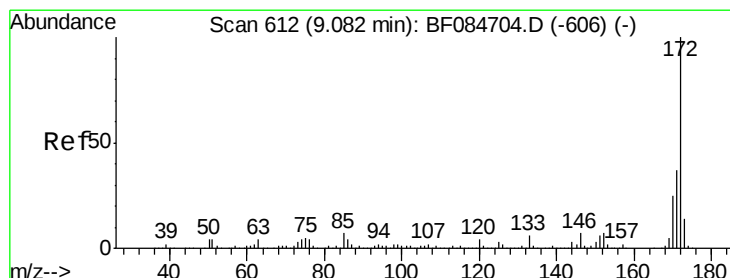
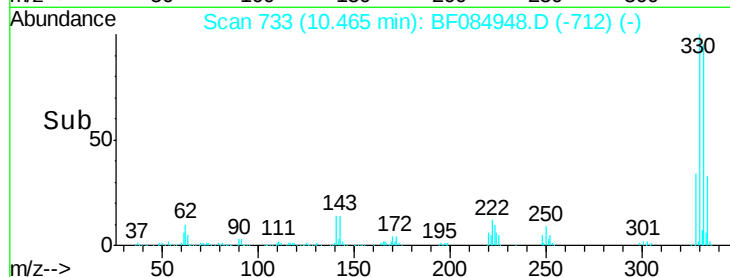
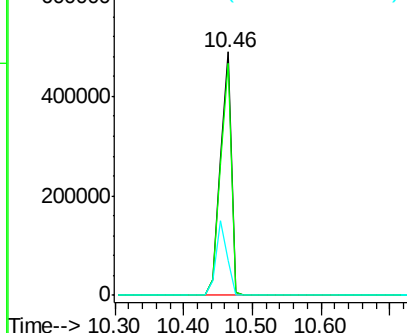
#41
 2,4,6-Tribromophenol
 Concen: 172.65 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084948.D
 Acq: 9 Feb 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	31.3	27.8	41.6

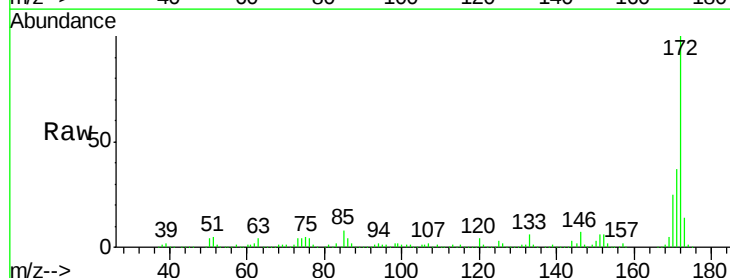


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

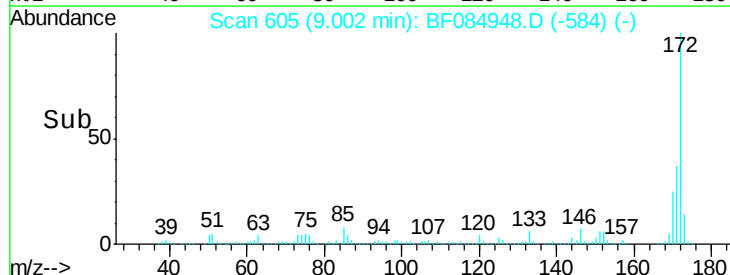
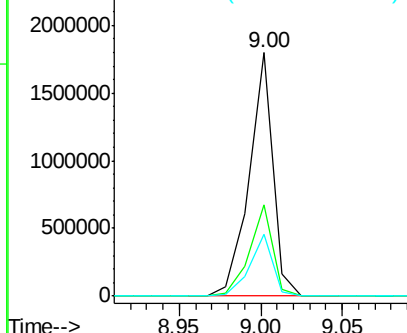


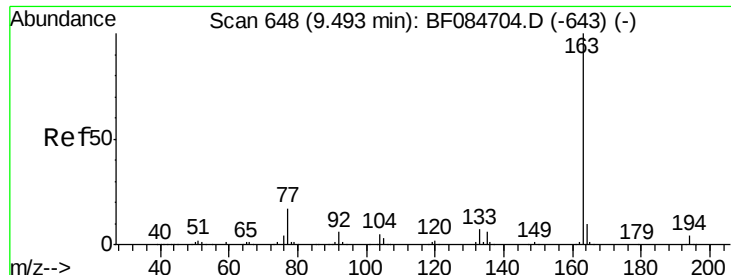
#44
 2-Fluorobiphenyl
 Concen: 108.84 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084948.D
 Acq: 9 Feb 2016 13:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.9	43.3
170	25.5	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: 16.63 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.07 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

Instrument :

BNA_F

ClientSampleId :

SB03-2-3

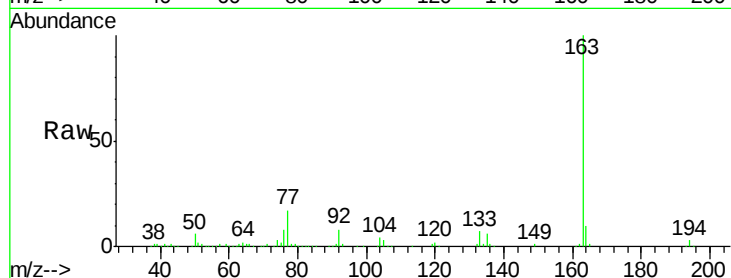
Tot Ion:163 Resp: 392259

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

164 9.8 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

600000

500000

400000

300000

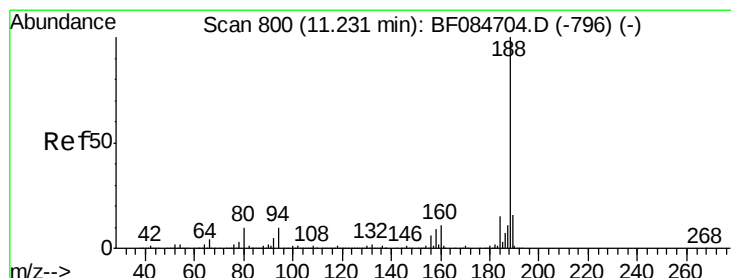
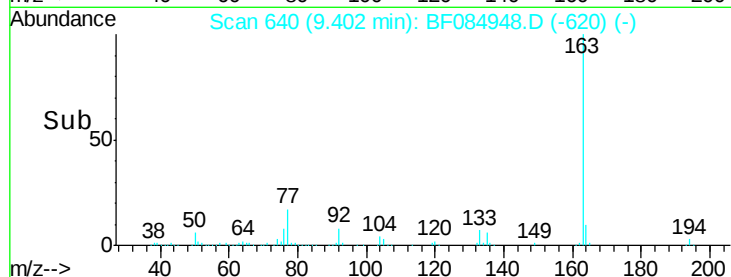
200000

100000

0

9.35 9.40 9.45

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 793

Delta R.T. -0.06 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

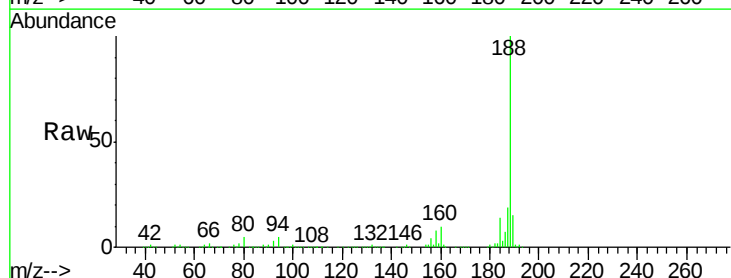
Tgt Ion:188 Resp: 604272

Ion Ratio Lower Upper

188 100

94 5.3 9.0 13.4#

80 5.1 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

600000

500000

400000

300000

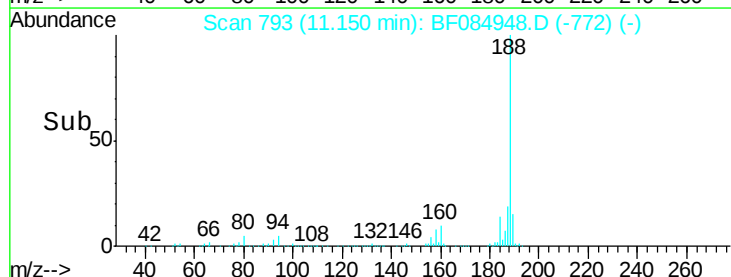
200000

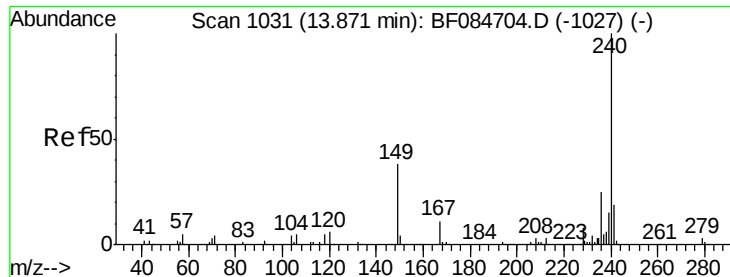
100000

0

11.10 11.15 11.20

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1022

Delta R.T. -0.07 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

Instrument :

BNA_F

ClientSampleID :

SB03-2-3

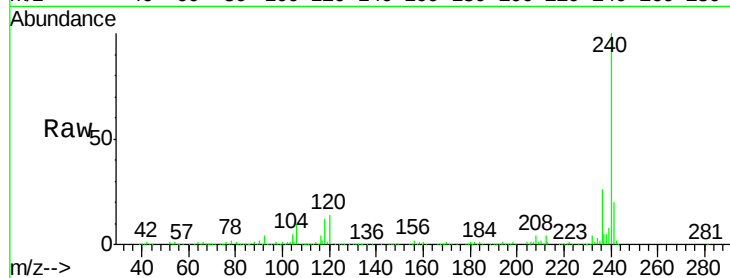
Tot Ion:240 Resp: 450119

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

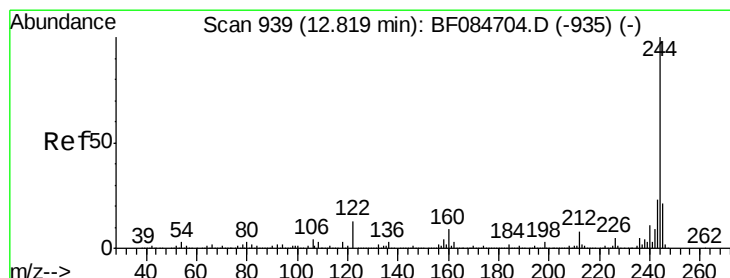
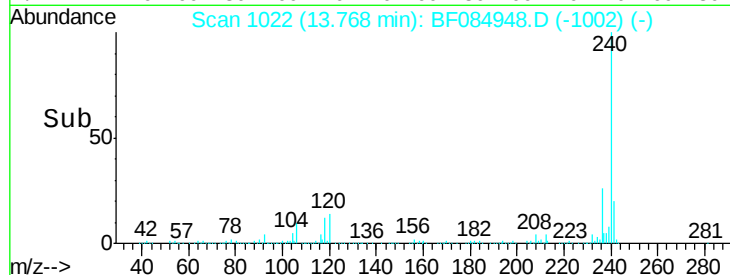
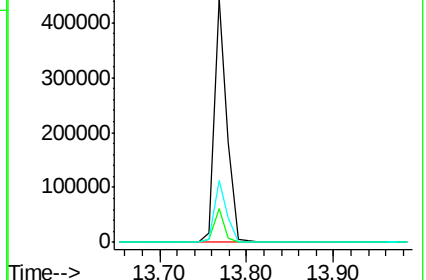
236 25.6 20.6 31.0



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: 94.95 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.06 min

Lab File: BF084948.D

Acq: 9 Feb 2016 13:26

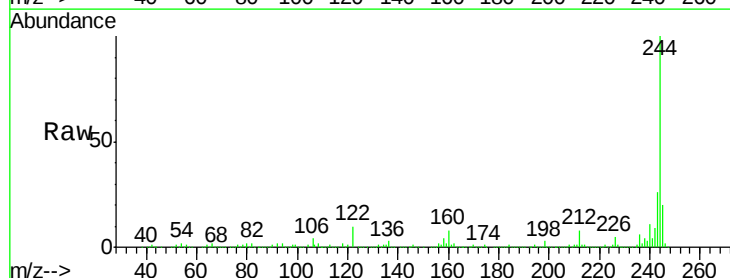
Tgt Ion:244 Resp: 1886065

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

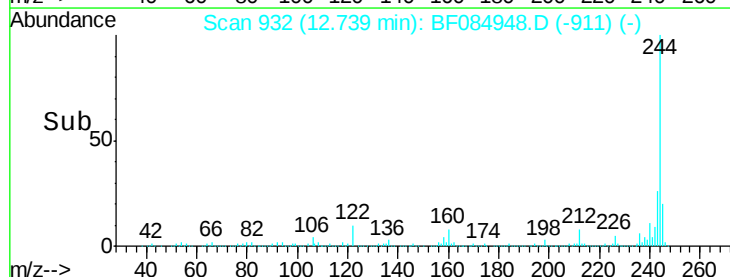
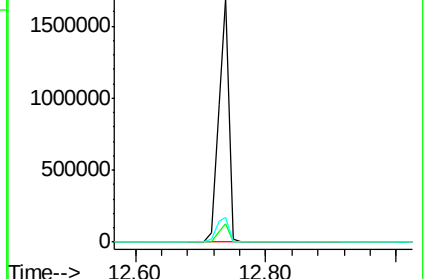
122 10.3 7.4 11.0

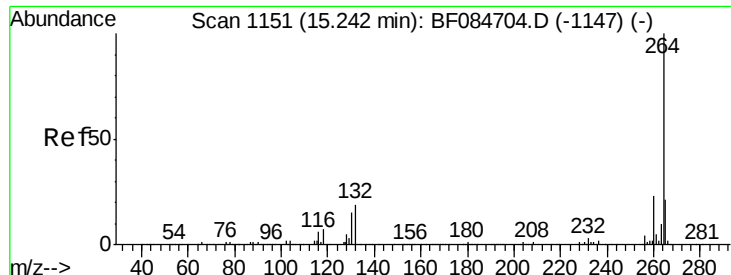


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

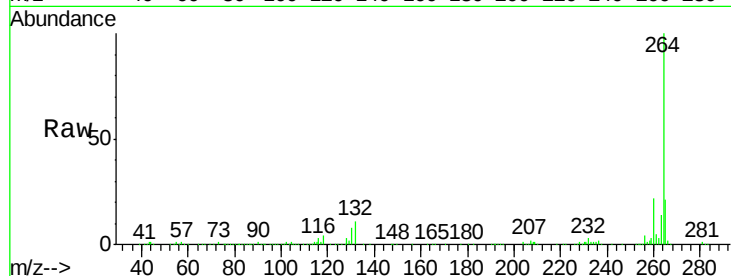




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1142
 Delta R.T. -0.07 min
 Lab File: BF084948.D
 Acq: 9 Feb 2016 13:26

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3

Tot Ion:264 Resp: 351552
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.4 29.2
 265 21.4 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

