

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084650.D
 Acq On : 29 Jan 2016 22:14
 Operator : SJ/IZ
 Sample : H1273-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B009(45-48)

Quant Time: Jan 30 00:18:36 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

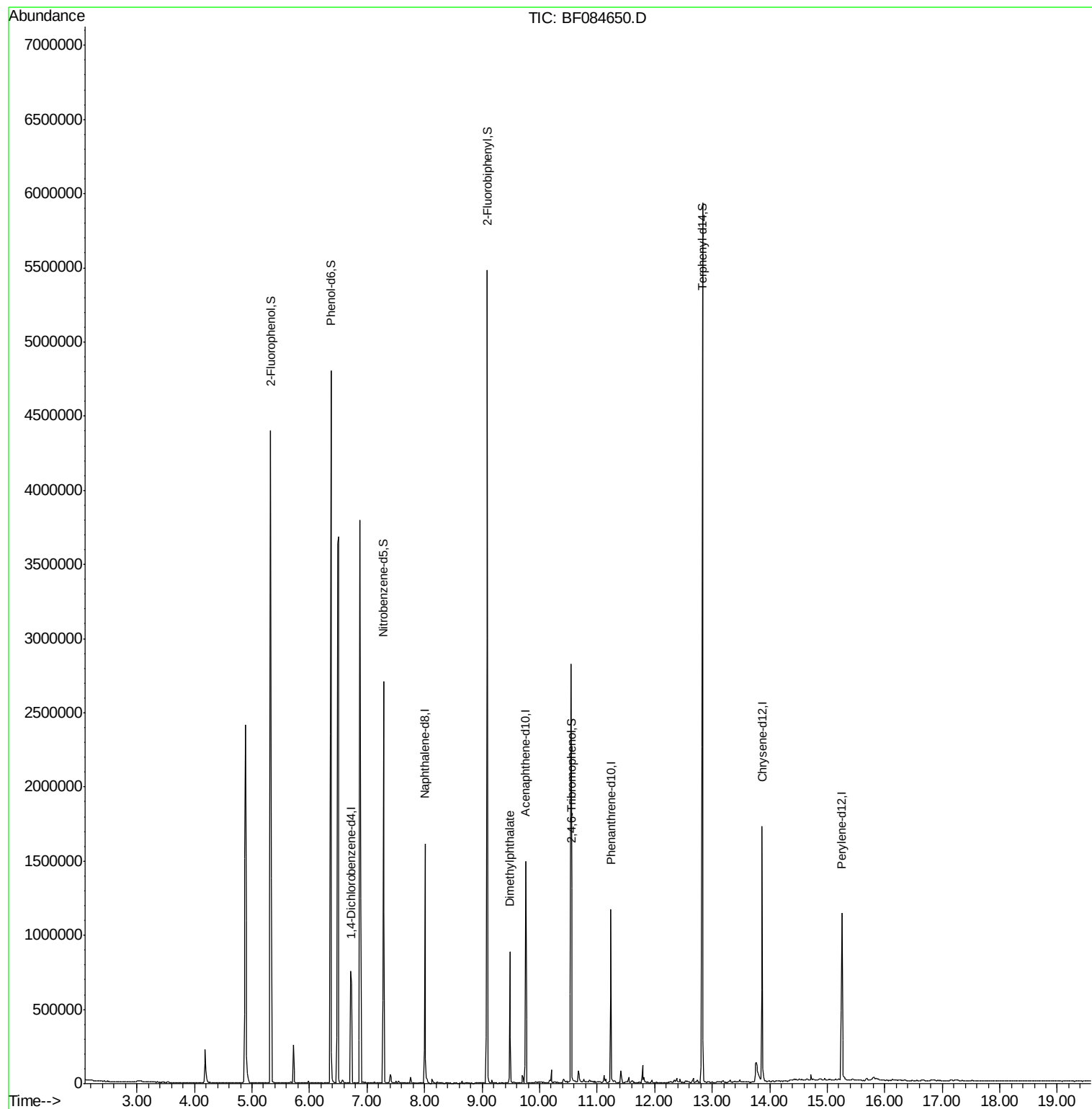
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	159878	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	679534	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	295066	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	496699	20.00	ng	0.00
75) Chrysene-d12	13.87	240	603398	20.00	ng	0.00
86) Perylene-d12	15.25	264	500194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1351622	127.61	ng	0.01
7) Phenol-d6	6.37	99	1724319	135.83	ng	0.00
23) Nitrobenzene-d5	7.29	82	1022155	84.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	422849	136.73	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1979971	99.74	ng	0.00
78) Terphenyl-d14	12.83	244	1861075	69.66	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	372483	16.82	ng	Qvalue # 90

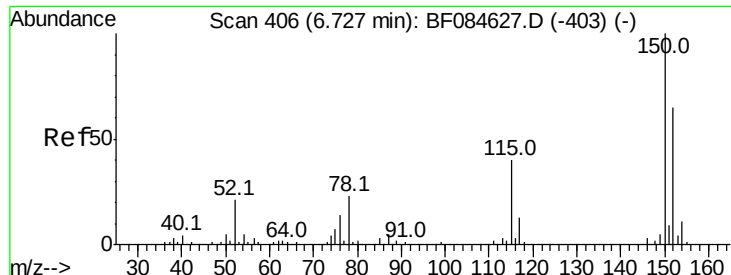
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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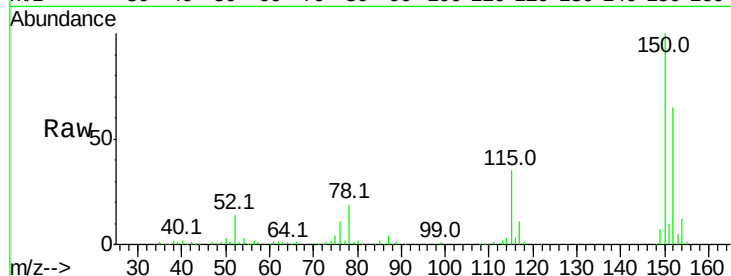


#1

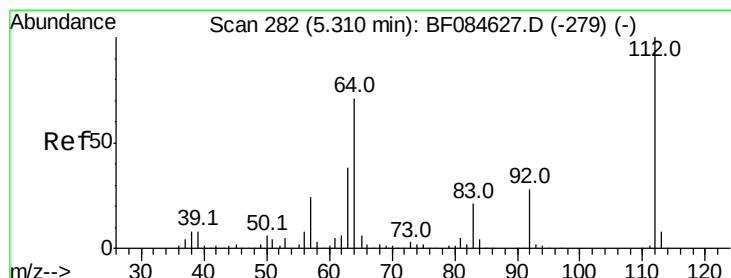
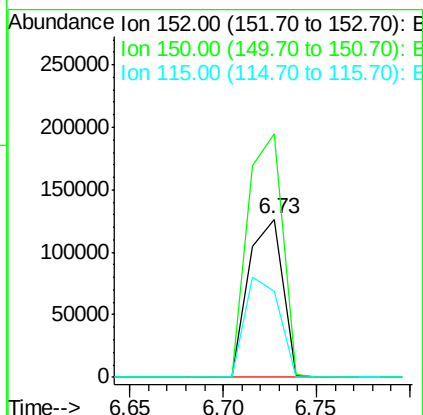
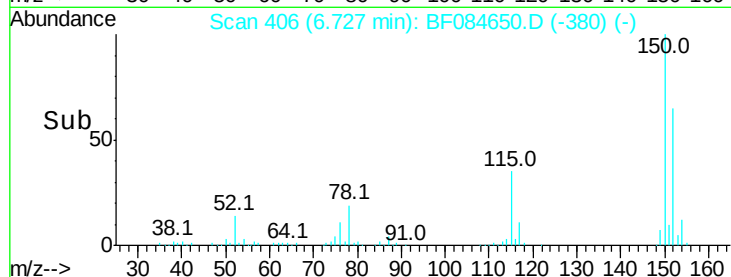
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084650.D
Acq: 29 Jan 2016 22:14

Instrument :
BNA_F
ClientSampleId :
SUP-B009(45-48)

Tot Ion:152 Resp: 159878
Ion Ratio Lower Upper
152 100
150 153.7 123.0 184.4
115 54.2 51.4 77.2



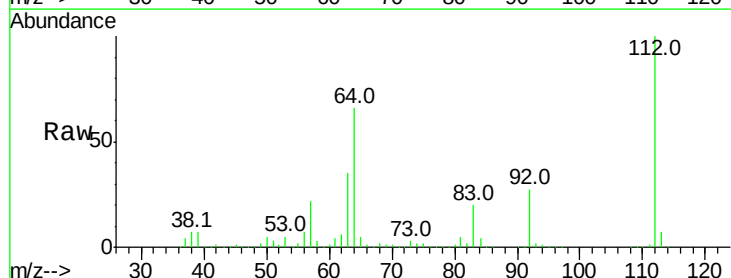
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



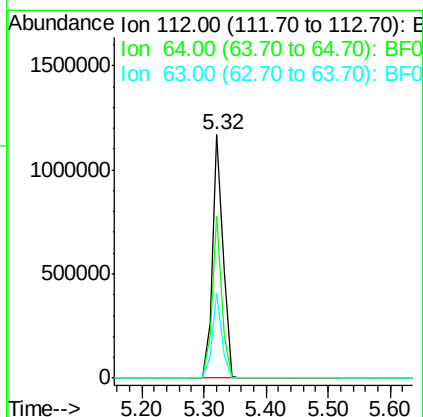
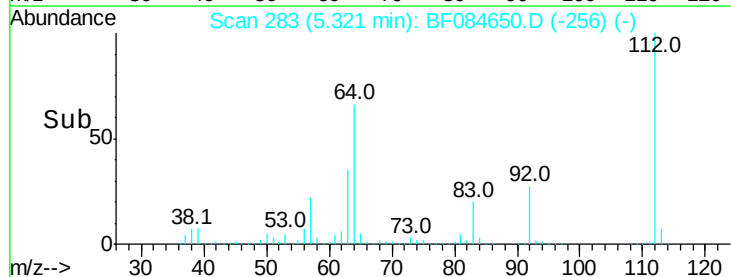
#5

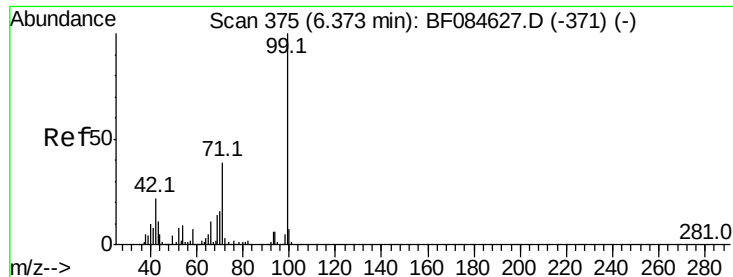
2-Fluorophenol
Concen: 127.61 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084650.D
Acq: 29 Jan 2016 22:14

Tgt Ion:112 Resp: 1351622
Ion Ratio Lower Upper
112 100
64 66.3 36.6 55.0#
63 34.8 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: 135.83 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

Instrument :

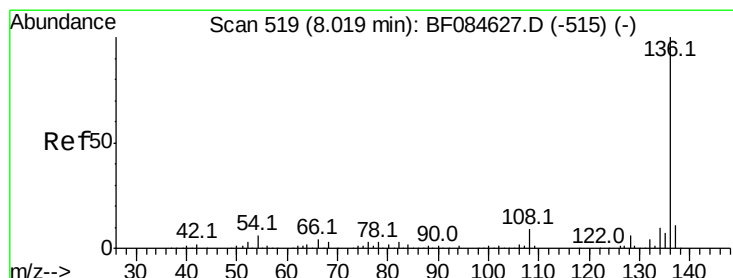
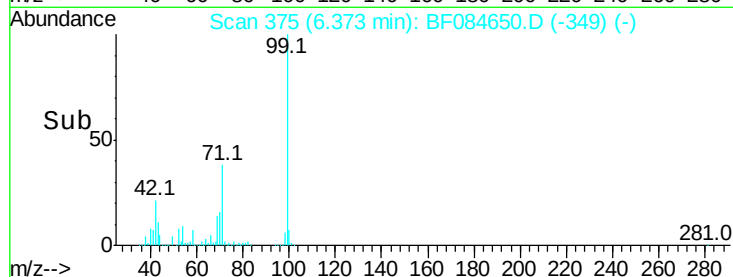
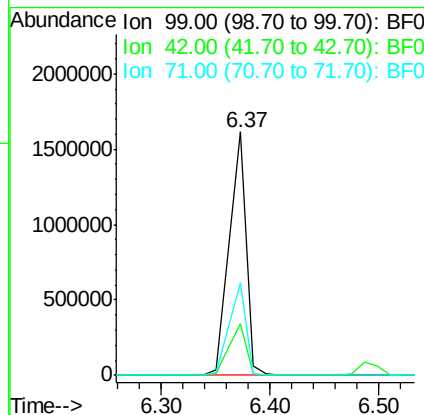
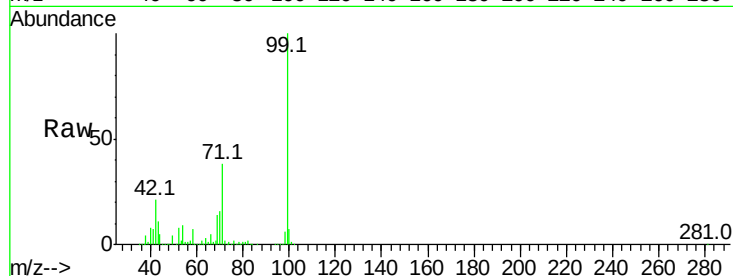
BNA_F

ClientSampleId :

SUP-B009(45-48)

Tot Ion: 99 Resp: 1724319

Ion	Ratio	Lower	Upper
99	100		
42	21.0	12.8	19.2#
71	38.2	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

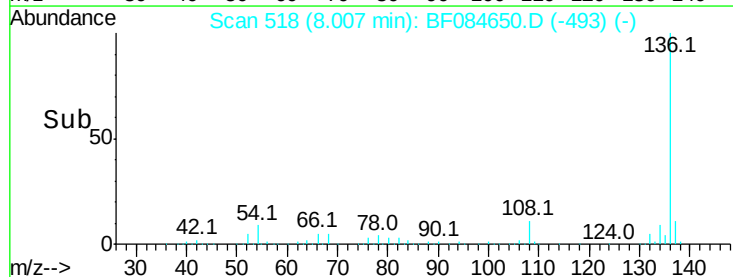
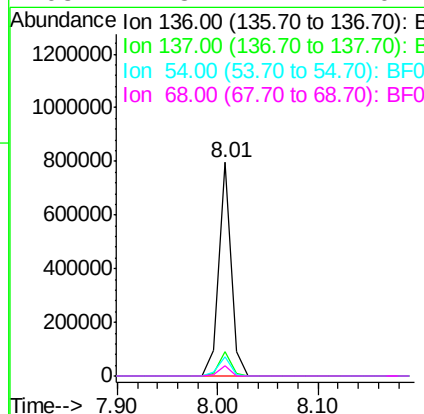
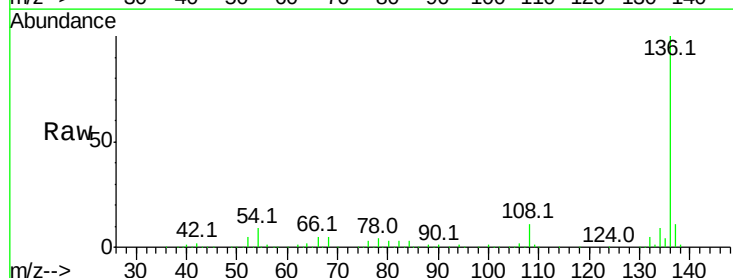
Delta R.T. -0.01 min

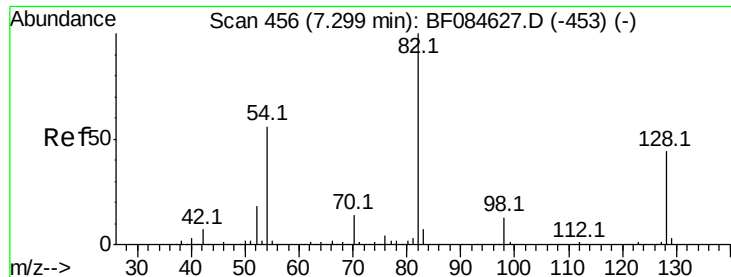
Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

Tgt Ion: 136 Resp: 679534

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.0	5.8	8.8#
68	4.8	4.2	6.2

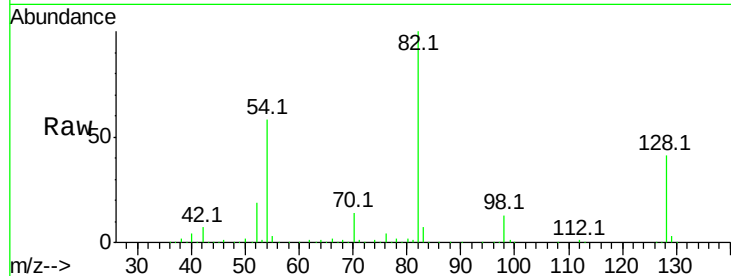




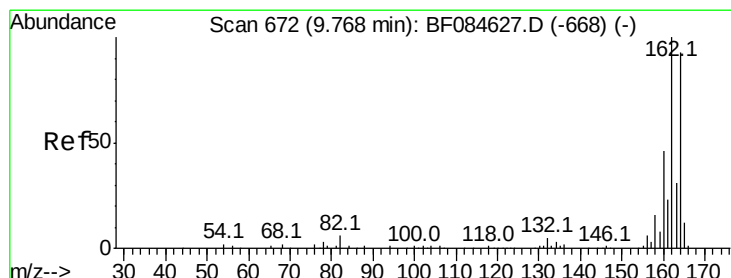
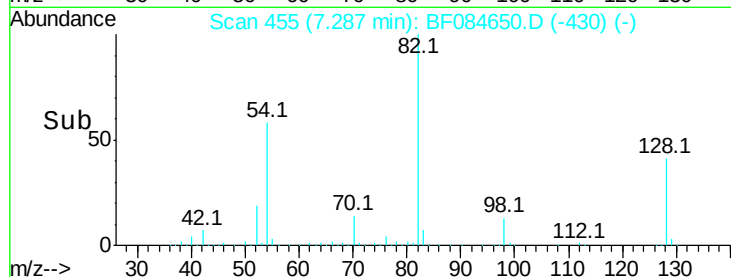
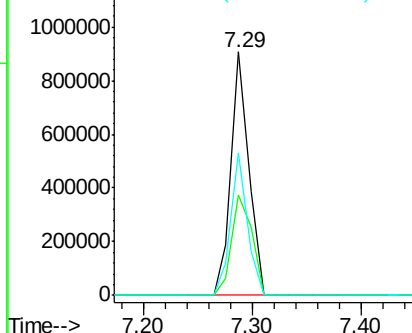
#23
 Nitrobenzene-d5
 Concen: 84.06 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084650.D
 Acq: 29 Jan 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B009(45-48)

Tot Ion: 82 Resp: 1022155
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 51.8
 54 58.5 38.4 57.6#

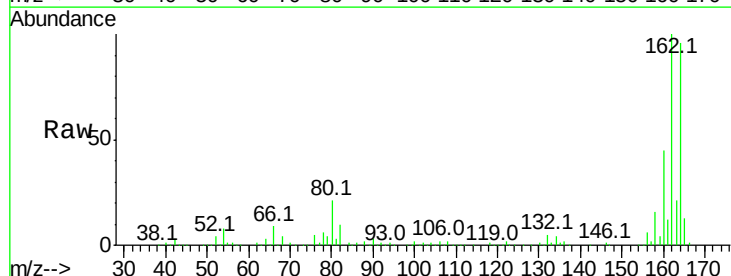


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

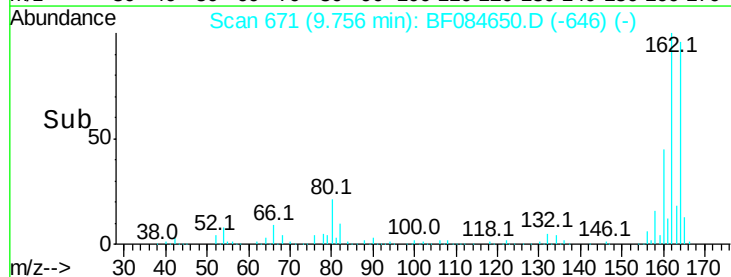
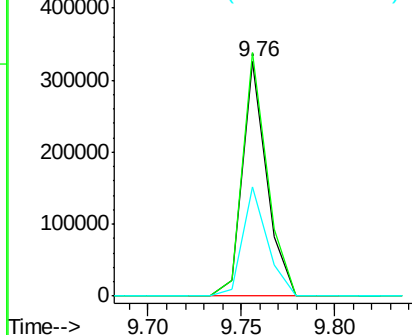


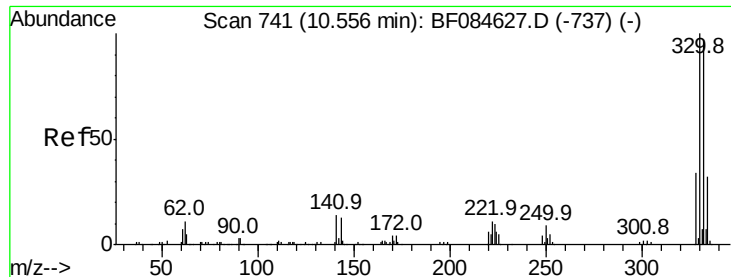
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF084650.D
 Acq: 29 Jan 2016 22:14

Tgt Ion:164 Resp: 295066
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.1 127.7
 160 46.8 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: 136.73 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

Instrument :

BNA_F

ClientSampleId :

SUP-B009(45-48)

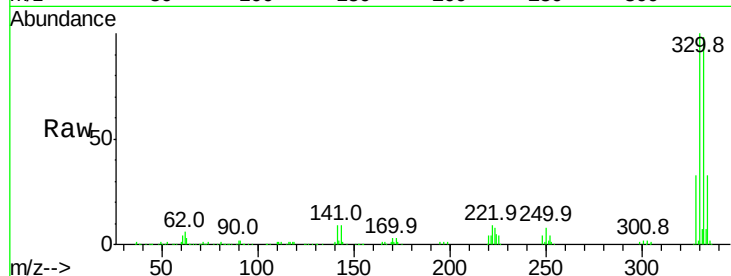
Tot Ion:330 Resp: 422849

Ion Ratio Lower Upper

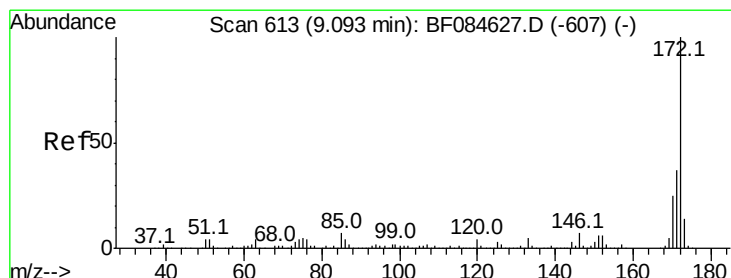
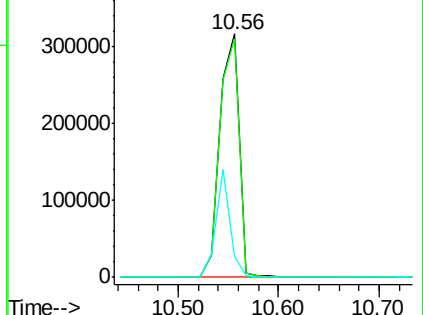
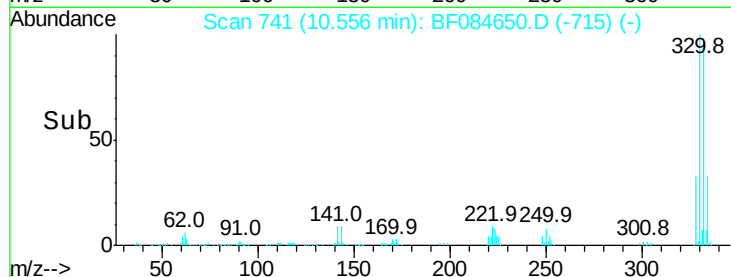
330 100

332 98.6 76.6 114.8

141 32.9 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: 99.74 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

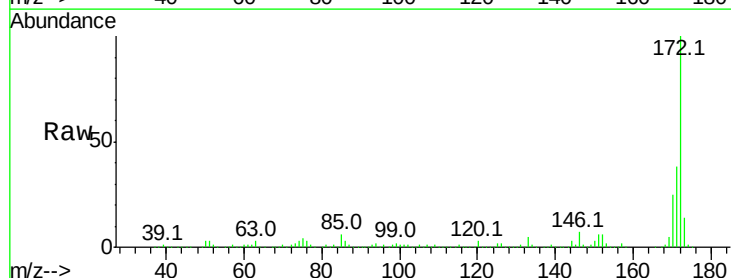
Tgt Ion:172 Resp: 1979971

Ion Ratio Lower Upper

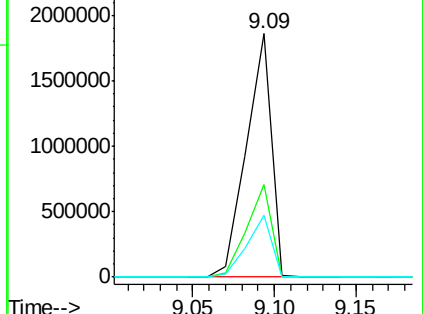
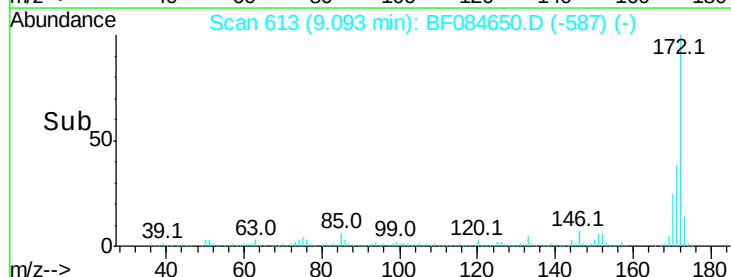
172 100

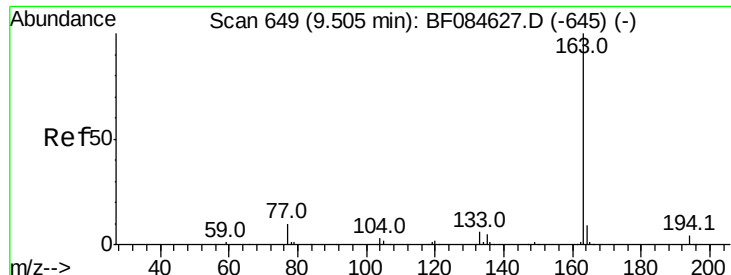
171 37.8 28.9 43.3

170 25.4 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: 16.82 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

Instrument :

BNA_F

ClientSampleId :

SUP-B009(45-48)

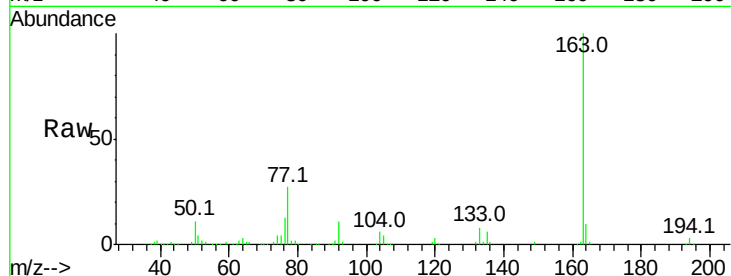
Tot Ion:163 Resp: 372483

Ion Ratio Lower Upper

163 100

194 3.2 8.0 12.0#

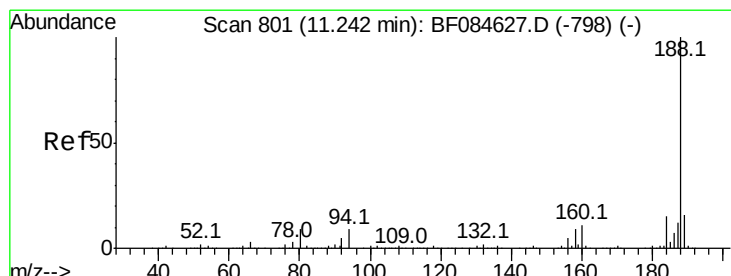
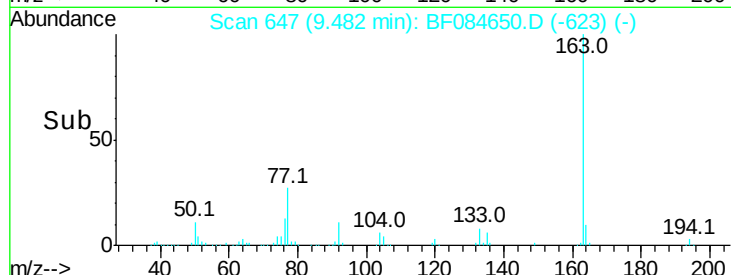
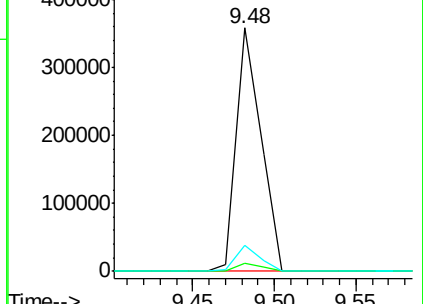
164 10.5 8.0 12.0



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: BF084650.D

Acq: 29 Jan 2016 22:14

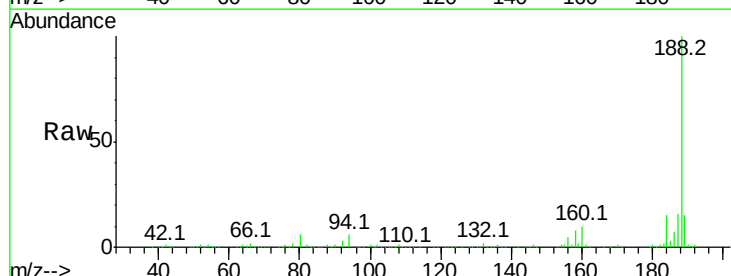
Tgt Ion:188 Resp: 496699

Ion Ratio Lower Upper

188 100

94 5.8 9.0 13.4#

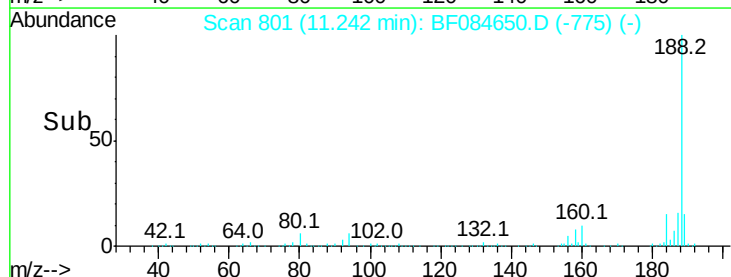
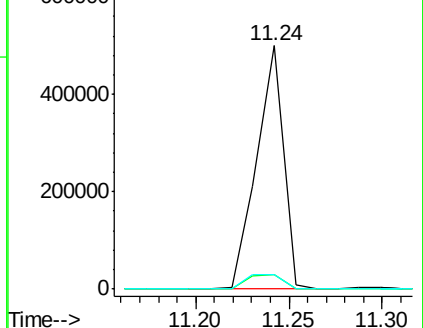
80 5.8 9.6 14.4#

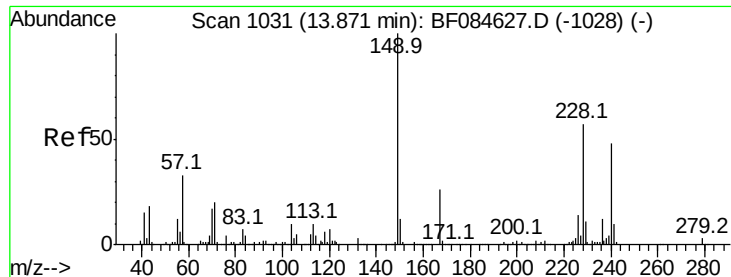


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084650.D

Acq: 29 Jan 2016 22:14

Instrument :

BNA_F

ClientSampleId :

SUP-B009(45-48)

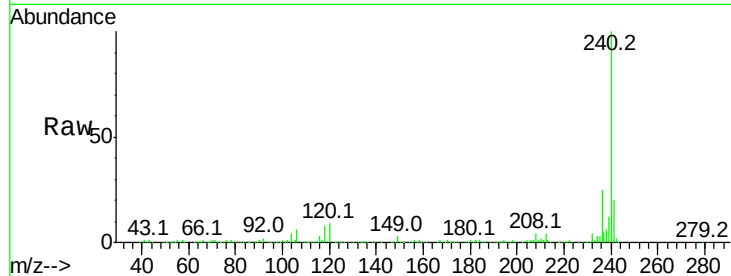
Tot Ion:240 Resp: 603398

Ion Ratio Lower Upper

240 100

120 8.5 9.5 14.3#

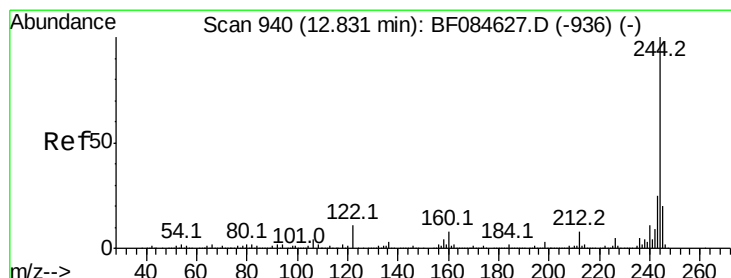
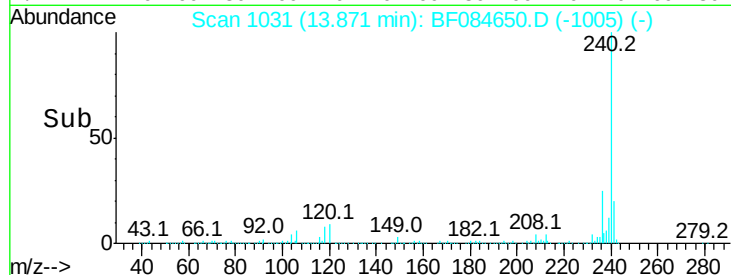
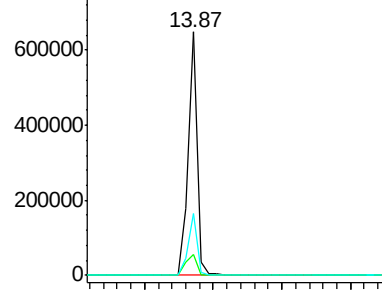
236 25.4 20.6 31.0



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: 69.66 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084650.D

Acq: 29 Jan 2016 22:14

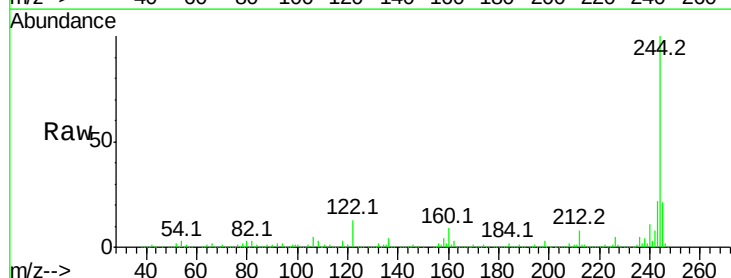
Tgt Ion:244 Resp: 1861075

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

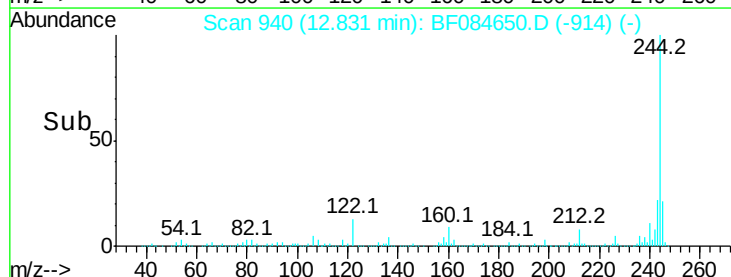
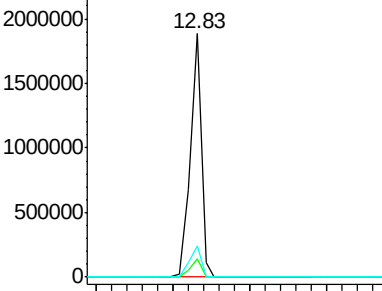
122 12.9 7.4 11.0#

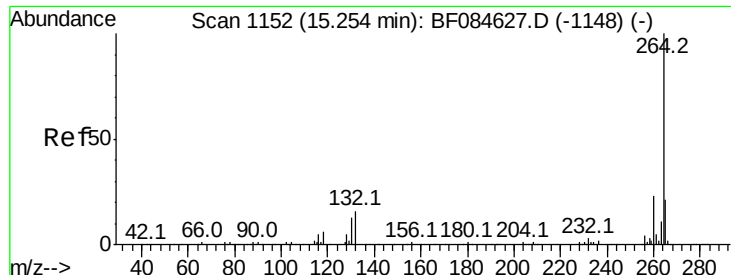


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

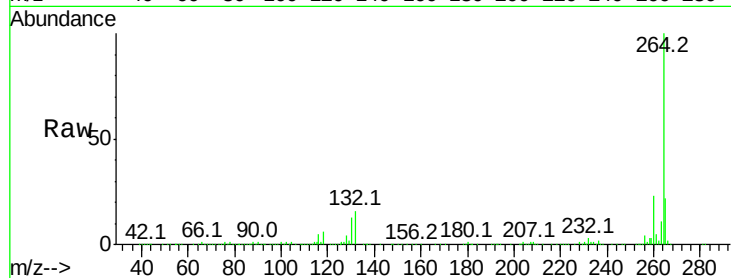




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF084650.D
 Acq: 29 Jan 2016 22:14

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B009(45-48)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	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

