

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084642.D
 Acq On : 29 Jan 2016 18:04
 Operator : SJ/IZ
 Sample : H1272-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B014(25-27)

Quant Time: Jan 29 23:53:07 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

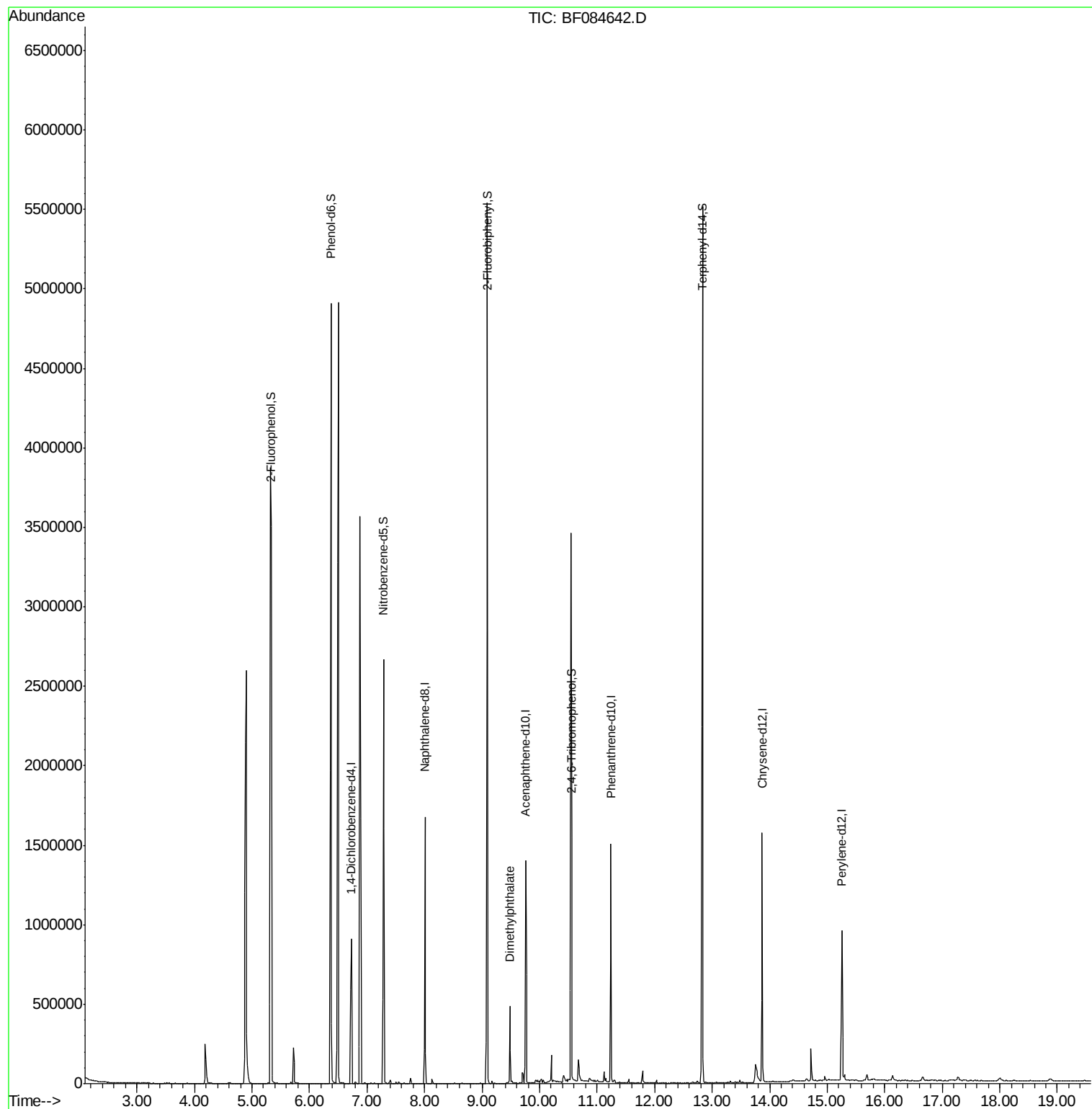
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	169963	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	710642	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	313556	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	634766	20.00	ng	0.00
75) Chrysene-d12	13.87	240	565074	20.00	ng	0.00
86) Perylene-d12	15.25	264	411267	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1563772	138.88	ng	0.02
7) Phenol-d6	6.37	99	1682118	124.64	ng	0.00
23) Nitrobenzene-d5	7.29	82	1108010	87.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	505171	153.72	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1964336	93.12	ng	0.00
78) Terphenyl-d14	12.83	244	1760625	70.37	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.48	163	208454	8.86	ng	# 90

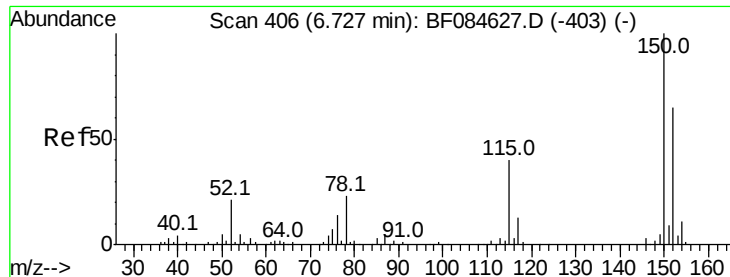
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SUP-B014(25-27)

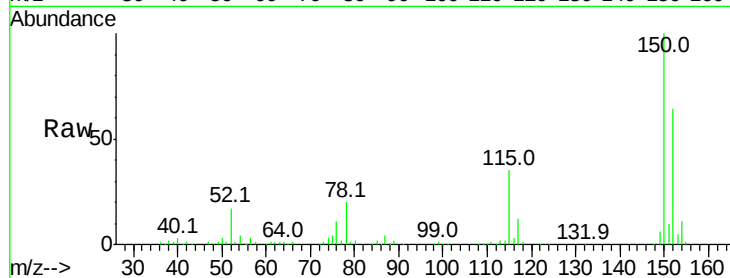
Tot Ion:152 Resp: 169963

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

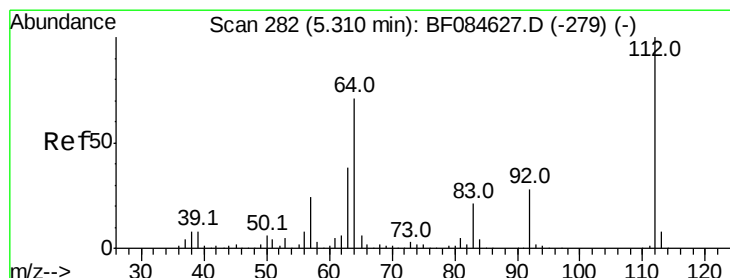
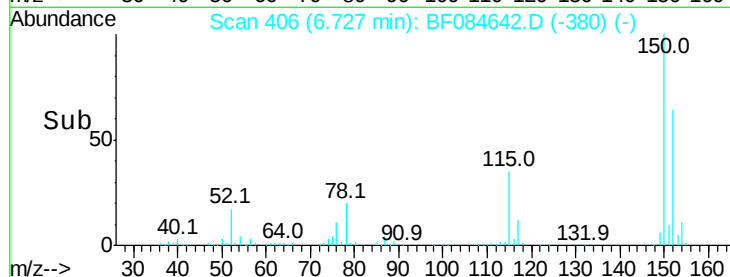
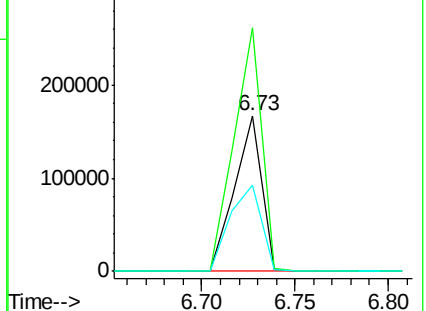
115 55.1 51.4 77.2



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: 138.88 ng

RT: 5.33 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

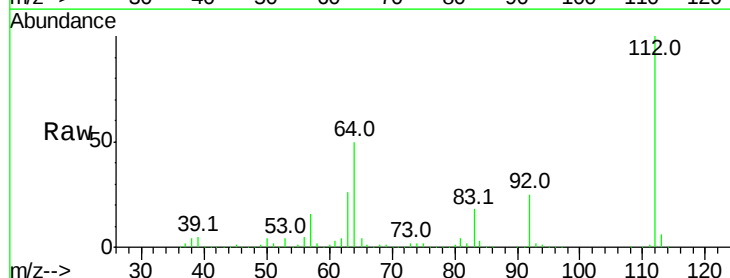
Tgt Ion:112 Resp: 1563772

Ion Ratio Lower Upper

112 100

64 50.5 36.6 55.0

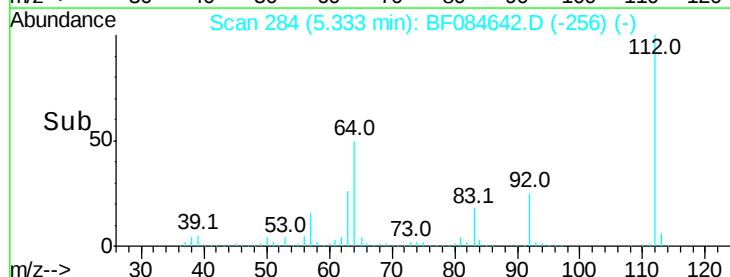
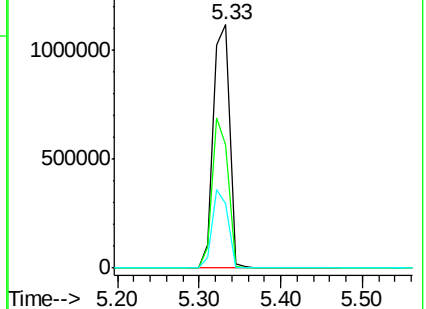
63 26.3 19.4 29.0

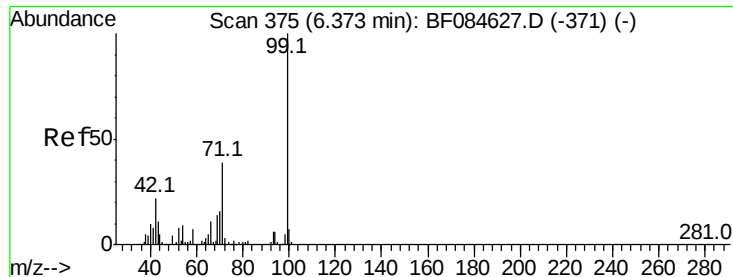


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.64 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

Instrument :

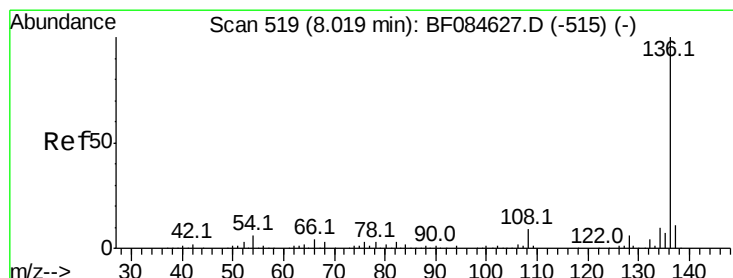
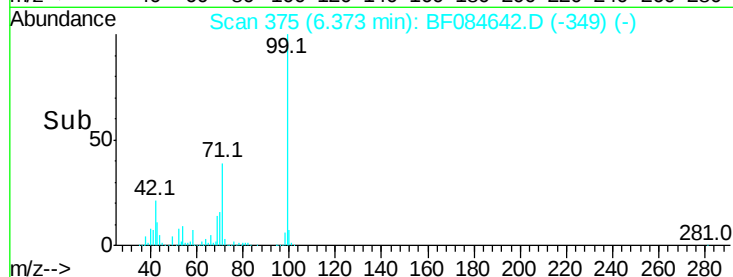
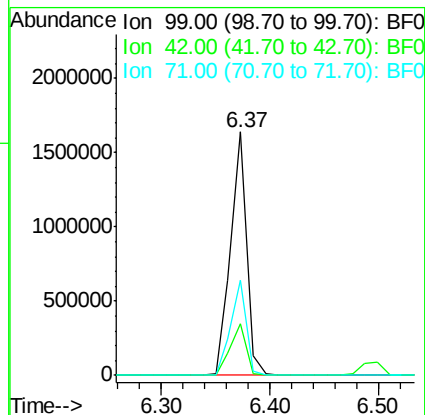
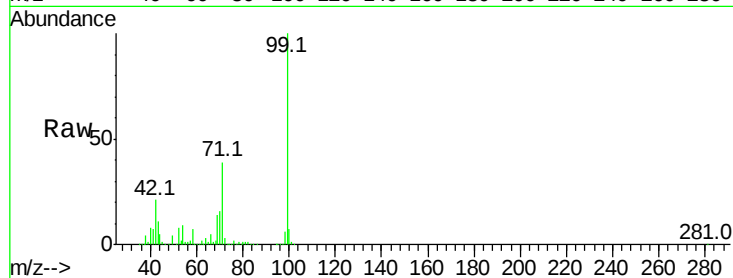
BNA_F

ClientSampleId :

SUP-B014(25-27)

Tot Ion: 99 Resp: 1682118

Ion	Ratio	Lower	Upper
99	100		
42	21.2	12.8	19.2#
71	38.9	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

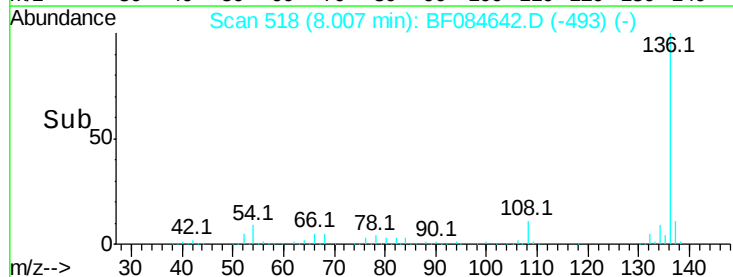
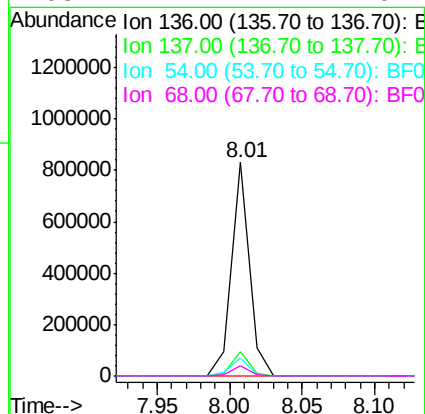
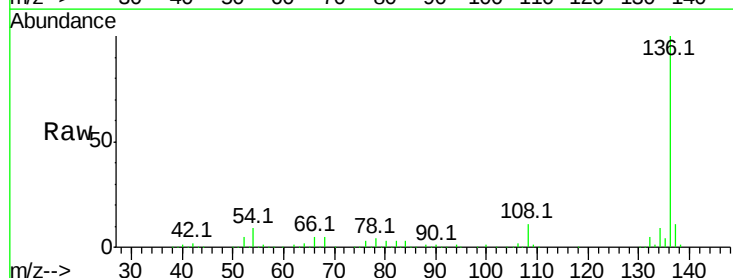
Delta R.T. -0.01 min

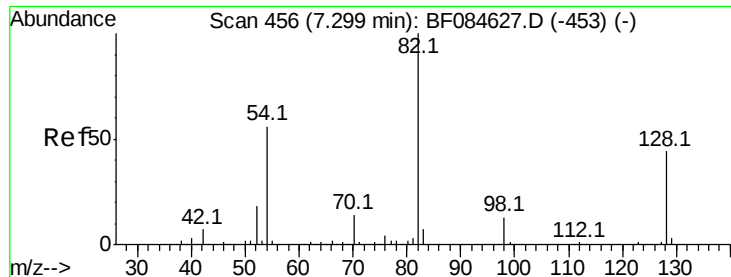
Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

Tgt Ion: 136 Resp: 710642

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	8.7	5.8	8.8
68	4.7	4.2	6.2





#23

Nitrobenzene-d5

Concen: 87.14 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SUP-B014(25-27)

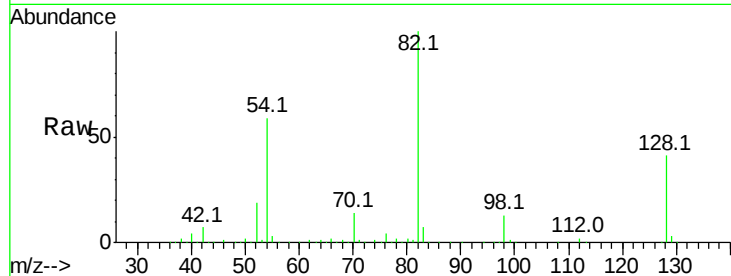
Tot Ion: 82 Resp: 1108010

Ion Ratio Lower Upper

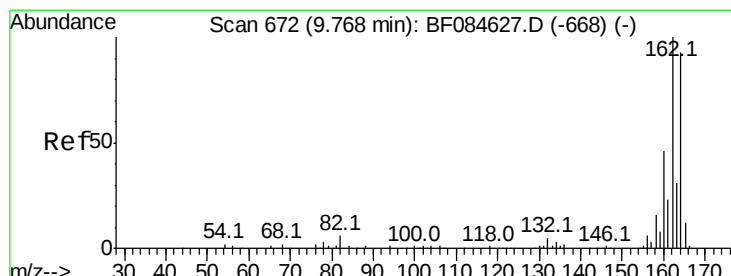
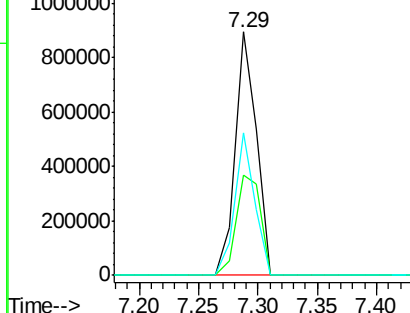
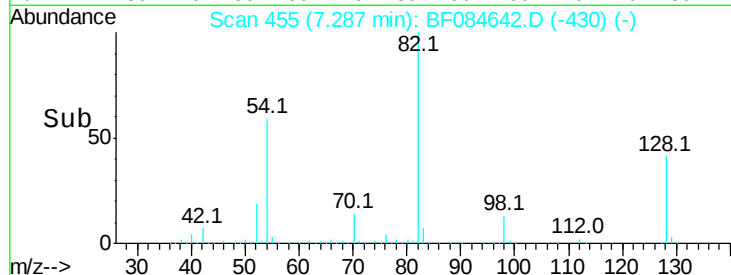
82 100

128 41.0 34.6 51.8

54 58.6 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
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: BF084642.D

Acq: 29 Jan 2016 18:04

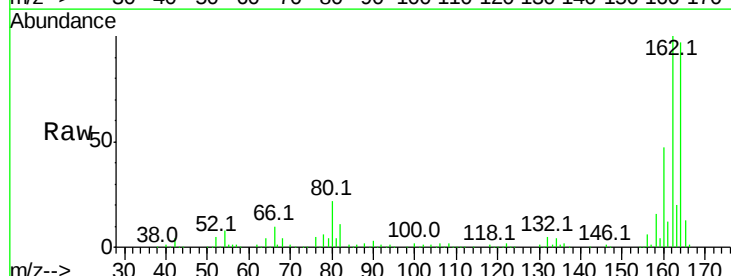
Tgt Ion:164 Resp: 313556

Ion Ratio Lower Upper

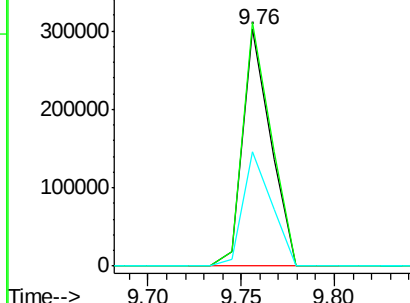
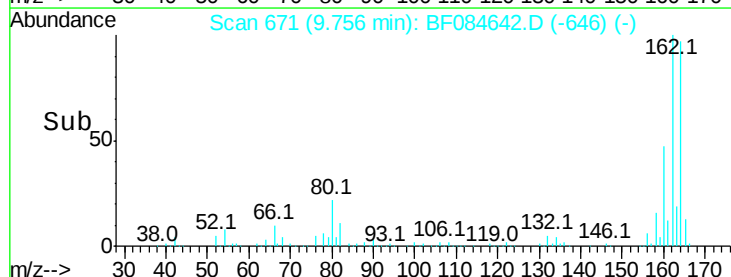
164 100

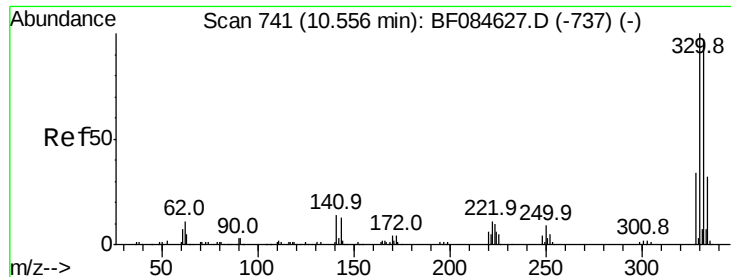
162 102.8 85.1 127.7

160 48.3 37.5 56.3



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





#41

2,4,6-Tribromophenol

Concen: 153.72 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SUP-B014(25-27)

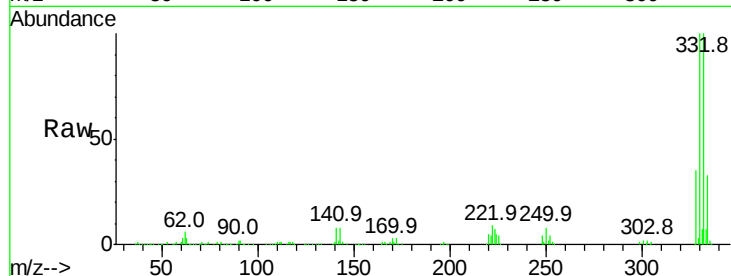
Tot Ion:330 Resp: 505171

Ion Ratio Lower Upper

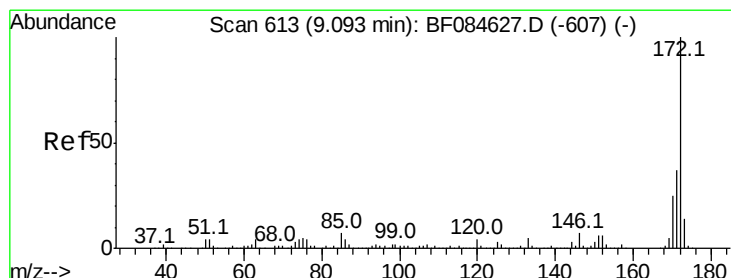
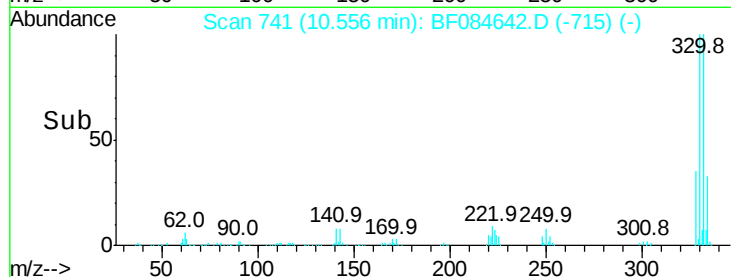
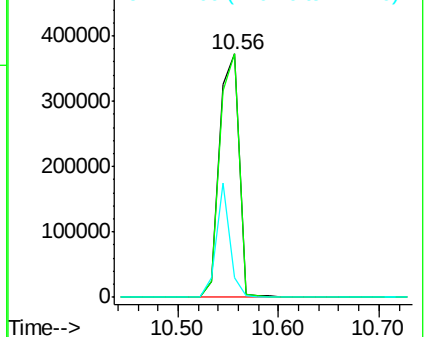
330 100

332 98.4 76.6 114.8

141 32.6 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: 93.12 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

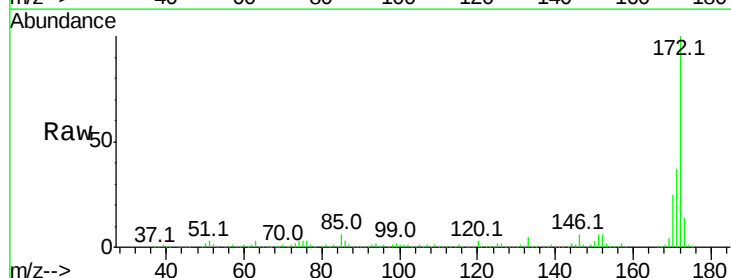
Tgt Ion:172 Resp: 1964336

Ion Ratio Lower Upper

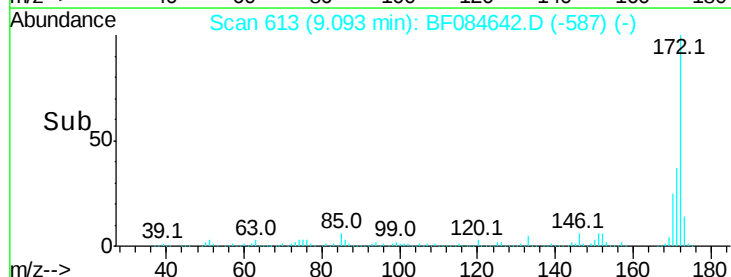
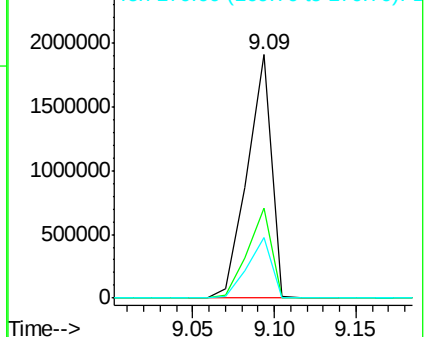
172 100

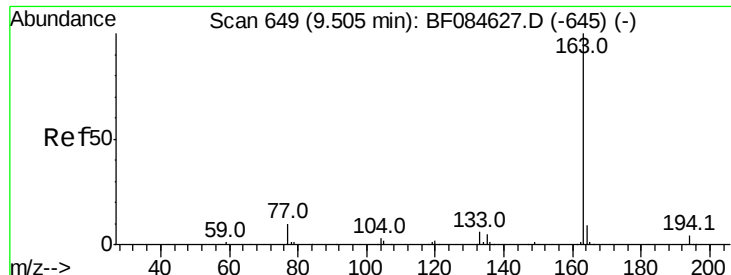
171 36.8 28.9 43.3

170 25.1 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: 8.86 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SUP-B014(25-27)

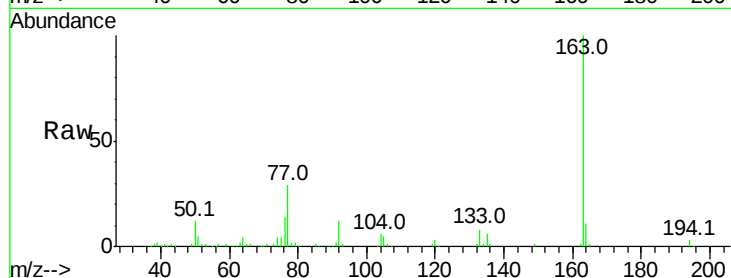
Tot Ion:163 Resp: 208454

Ion Ratio Lower Upper

163 100

194 3.0 8.0 12.0#

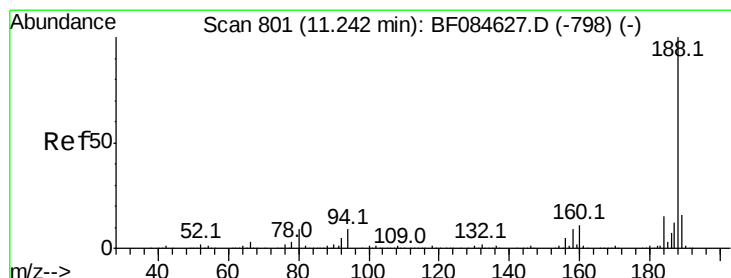
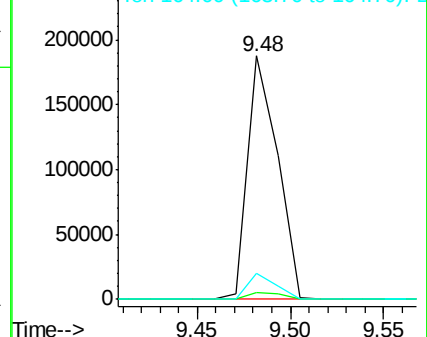
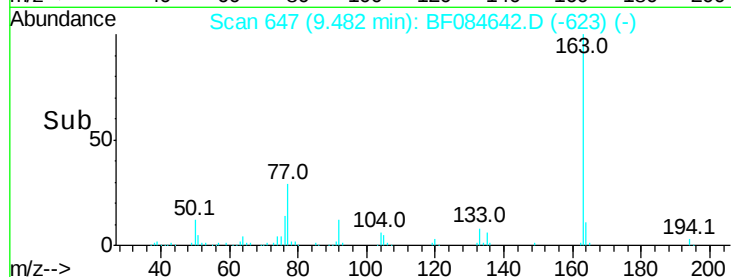
164 10.5 8.0 12.0



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: BF084642.D

Acq: 29 Jan 2016 18:04

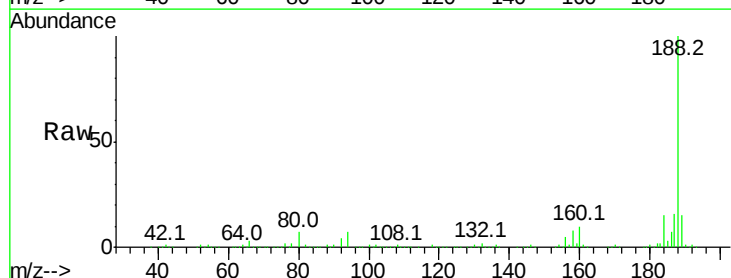
Tgt Ion:188 Resp: 634766

Ion Ratio Lower Upper

188 100

94 7.0 9.0 13.4#

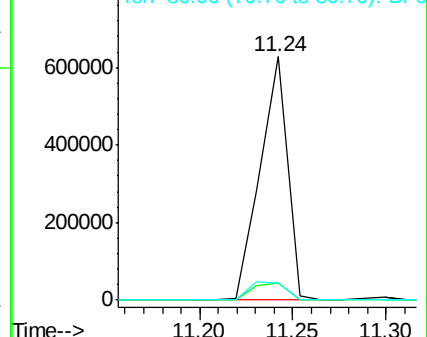
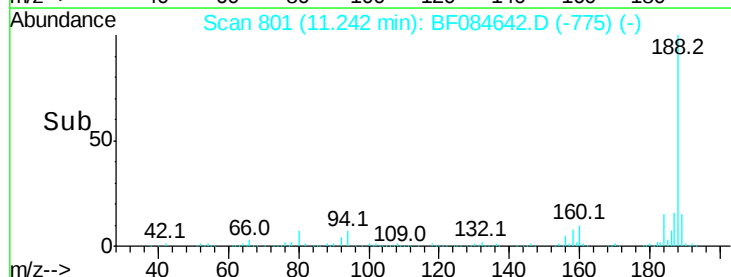
80 7.0 9.6 14.4#

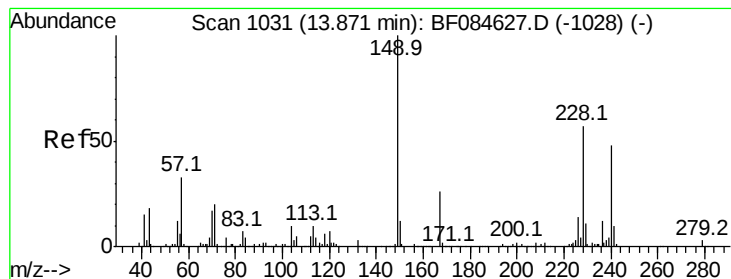


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084642.D

Acq: 29 Jan 2016 18:04

Instrument :

BNA_F

ClientSampleId :

SUP-B014(25-27)

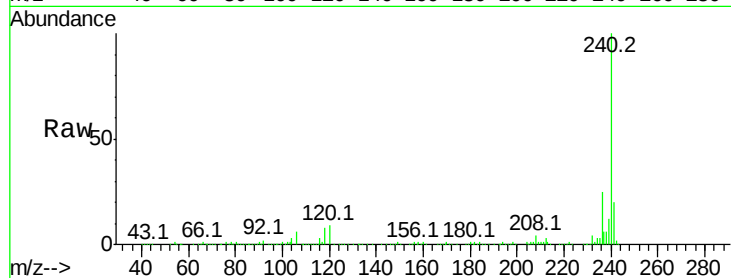
Tot Ion:240 Resp: 565074

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

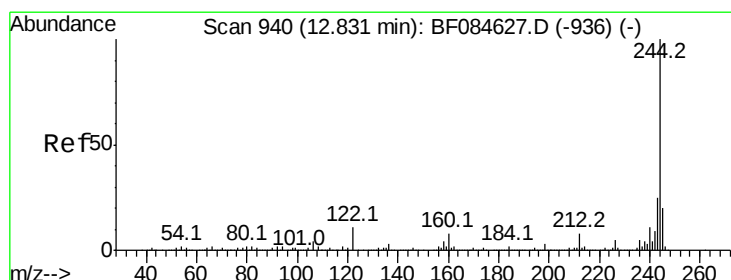
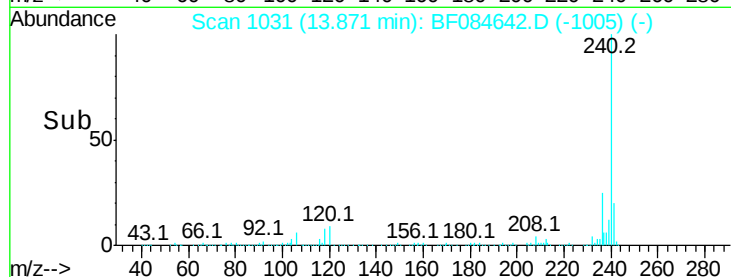
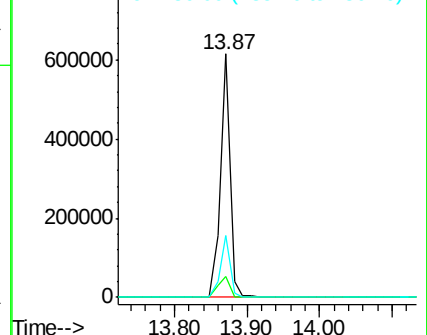
236 25.5 20.6 31.0



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: 70.37 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084642.D

Acq: 29 Jan 2016 18:04

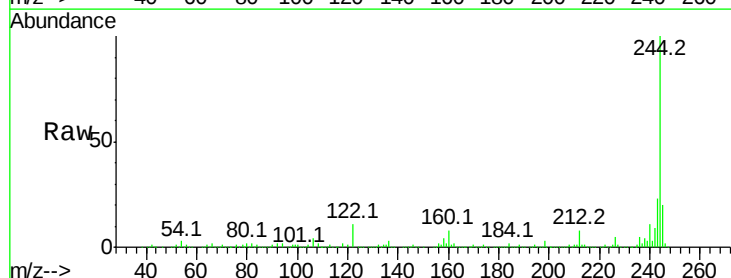
Tgt Ion:244 Resp: 1760625

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

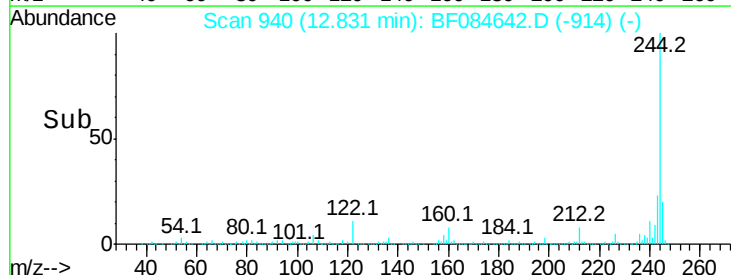
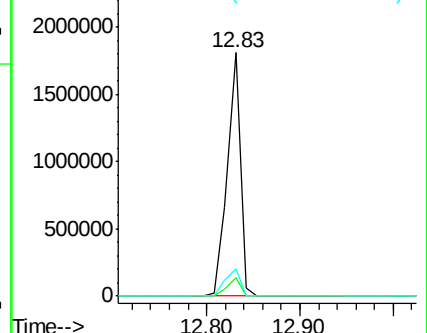
122 11.5 7.4 11.0#

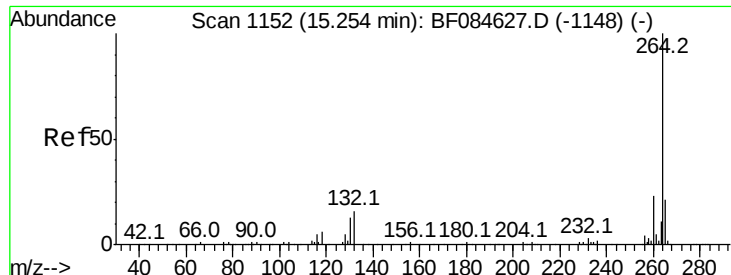


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

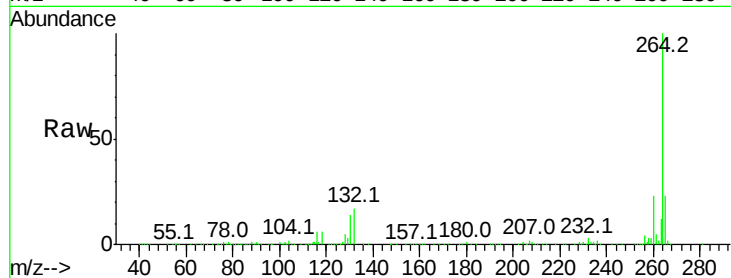




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF084642.D
 Acq: 29 Jan 2016 18:04

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B014(25-27)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	22.7	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

