

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
 Data File : BF084641.D
 Acq On : 29 Jan 2016 17:36
 Operator : SJ/IZ
 Sample : H1257-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B016(17-17.5)

Quant Time: Jan 29 23:49:03 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

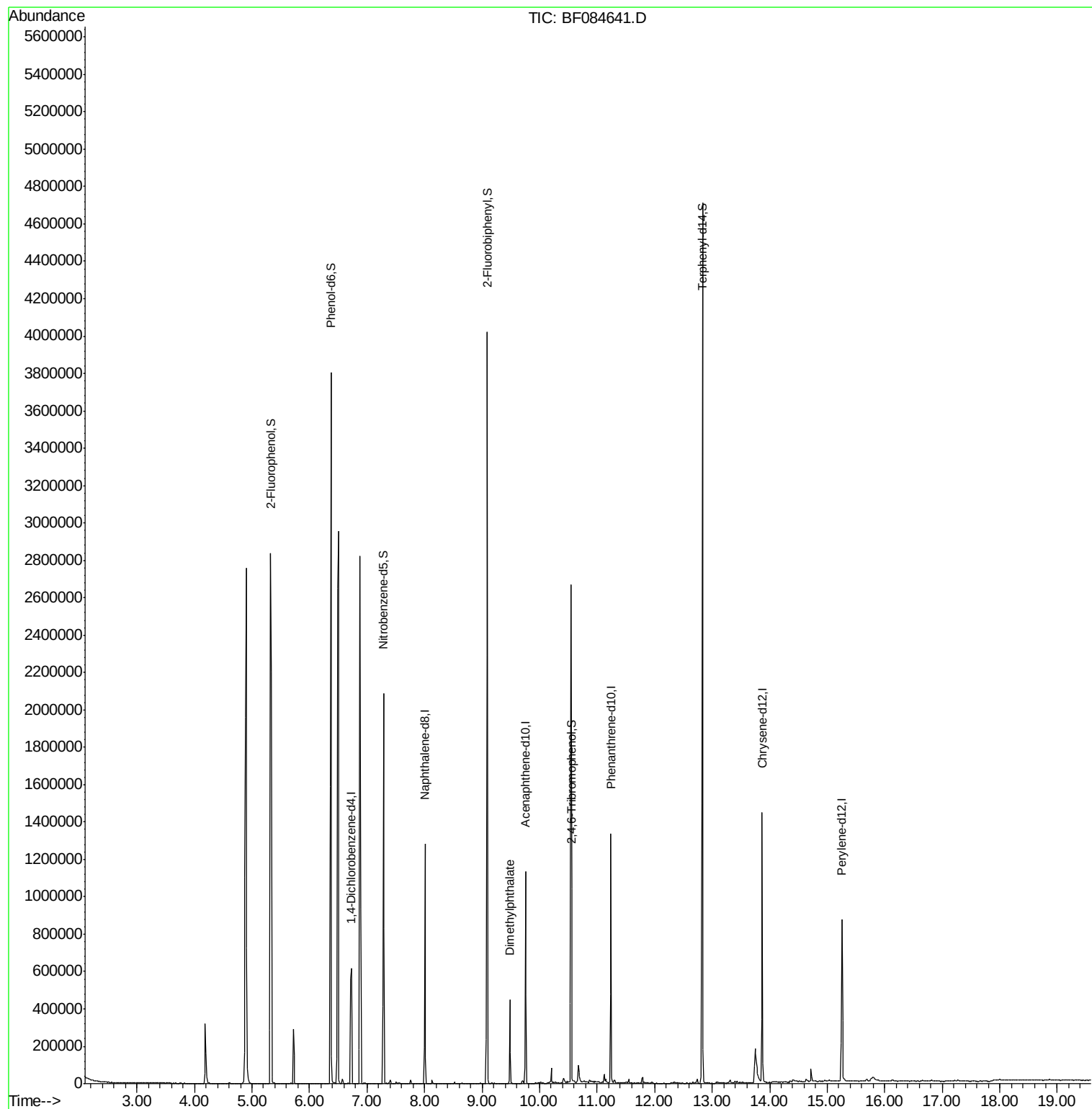
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	126531	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	538687	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	244813	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	505754	20.00	ng	0.00
75) Chrysene-d12	13.87	240	481632	20.00	ng	0.00
86) Perylene-d12	15.25	264	378257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1025682	122.36	ng	0.01
7) Phenol-d6	6.37	99	1230392	122.47	ng	0.00
23) Nitrobenzene-d5	7.29	82	752814	78.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	361670	140.96	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1486134	90.23	ng	0.00
78) Terphenyl-d14	12.83	244	1379294	64.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.48	163	187421	10.20	ng	Qvalue # 90

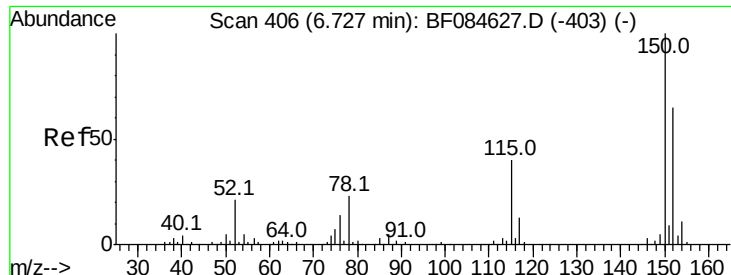
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084641.D

Acq: 29 Jan 2016 17:36

Instrument :

BNA_F

ClientSampleId :

SUP-B016(17-17.5)

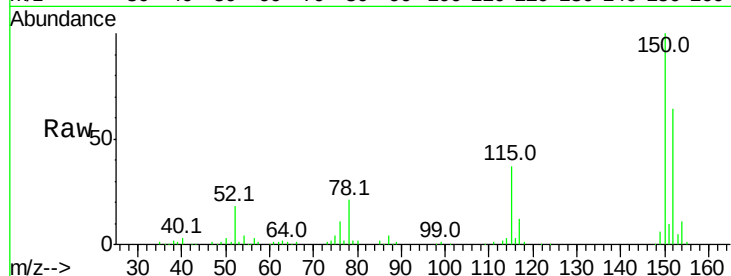
Tot Ion:152 Resp: 126531

Ion Ratio Lower Upper

152 100

150 155.2 123.0 184.4

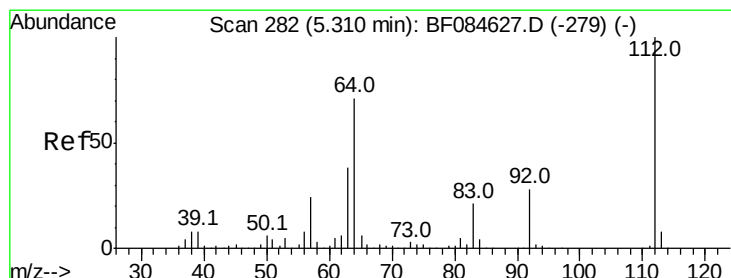
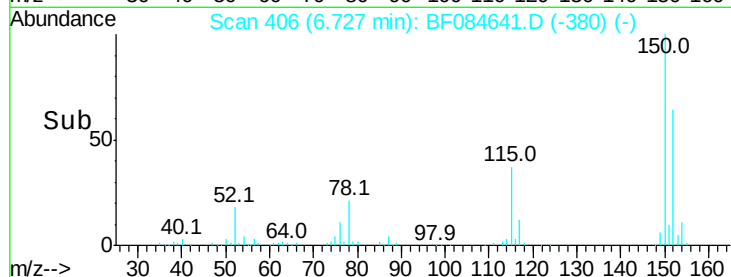
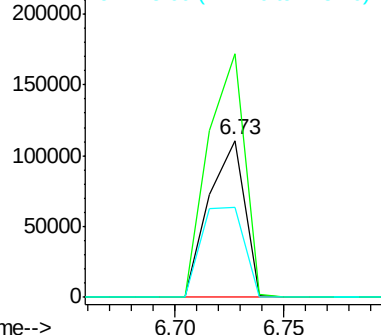
115 57.3 51.4 77.2



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: 122.36 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF084641.D

Acq: 29 Jan 2016 17:36

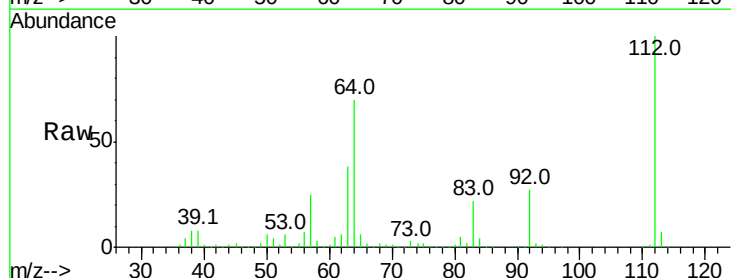
Tgt Ion:112 Resp: 1025682

Ion Ratio Lower Upper

112 100

64 70.2 36.6 55.0#

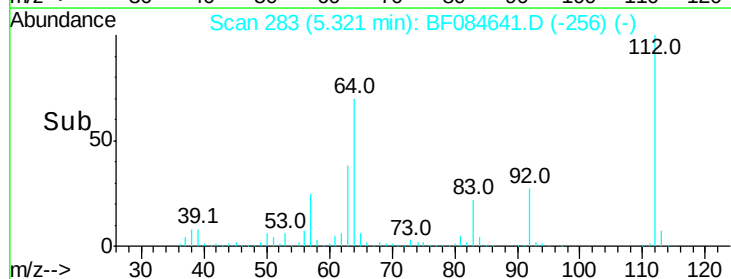
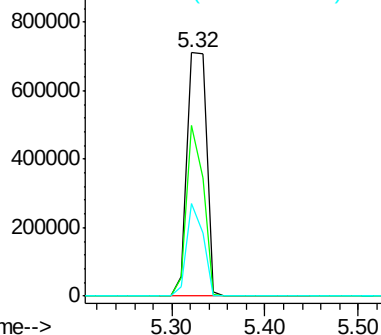
63 38.0 19.4 29.0#

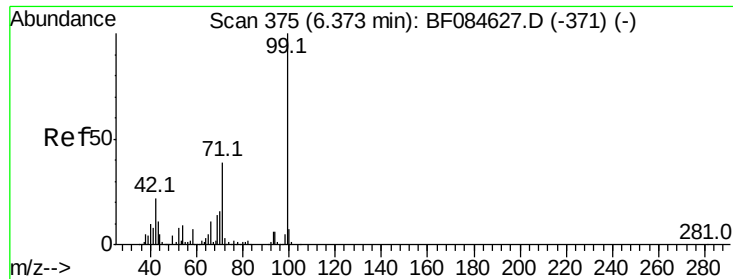


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.47 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084641.D

Acq: 29 Jan 2016 17:36

Instrument :

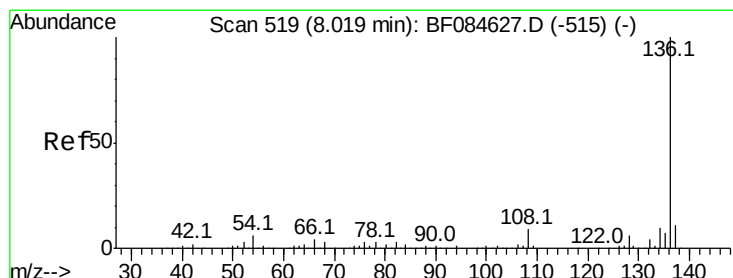
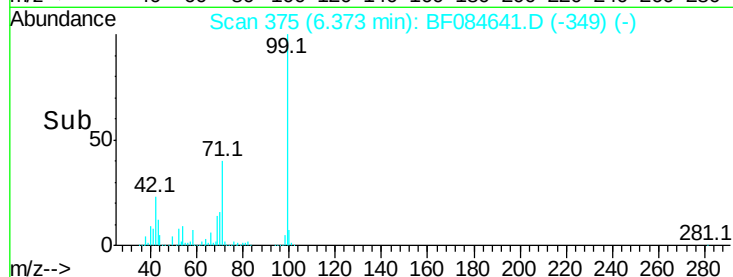
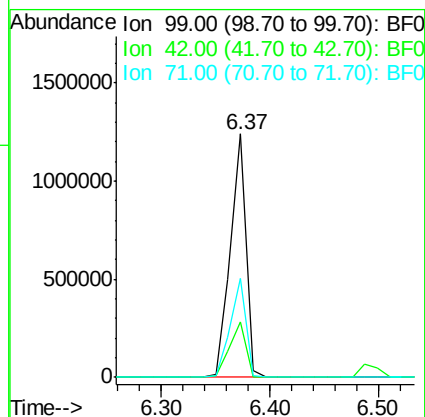
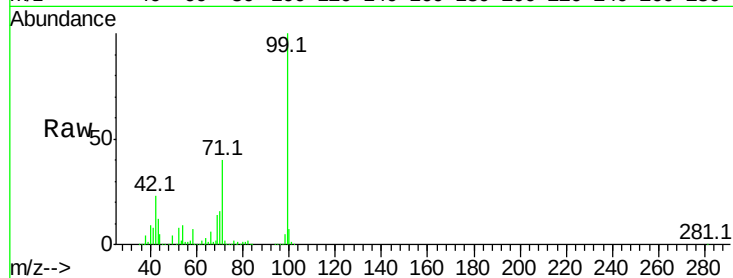
BNA_F

ClientSampleId :

SUP-B016(17-17.5)

Tot Ion: 99 Resp: 1230392

Ion	Ratio	Lower	Upper
99	100		
42	22.8	12.8	19.2#
71	40.4	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

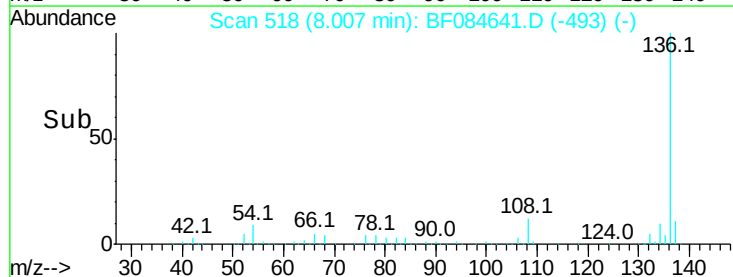
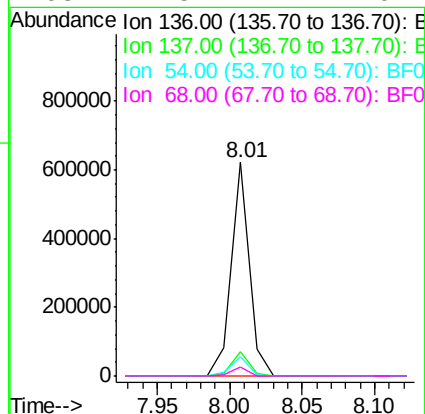
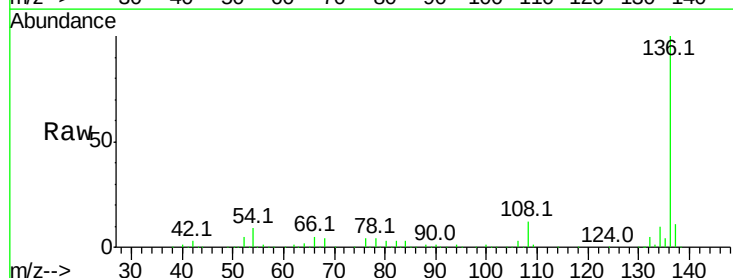
Delta R.T. -0.01 min

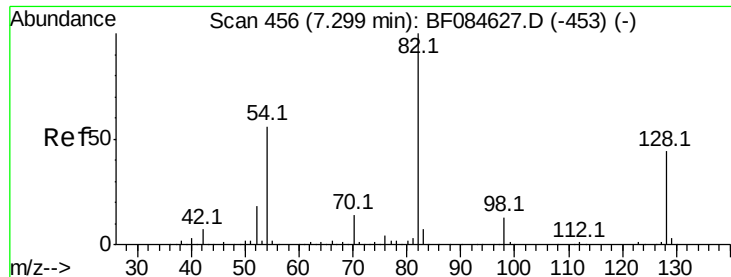
Lab File: BF084641.D

Acq: 29 Jan 2016 17:36

Tgt Ion: 136 Resp: 538687

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.2	5.8	8.8#
68	4.5	4.2	6.2

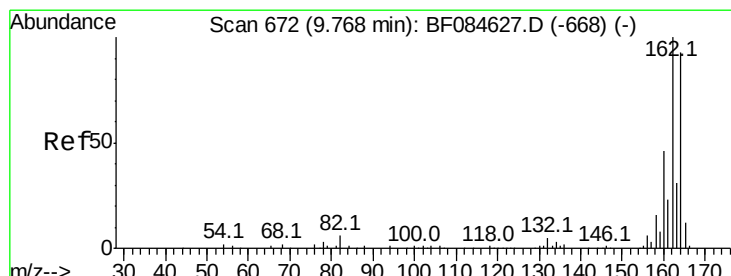
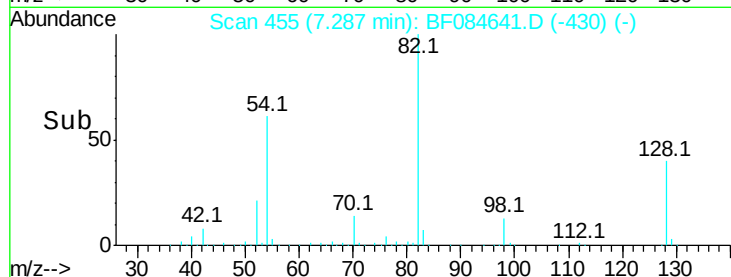
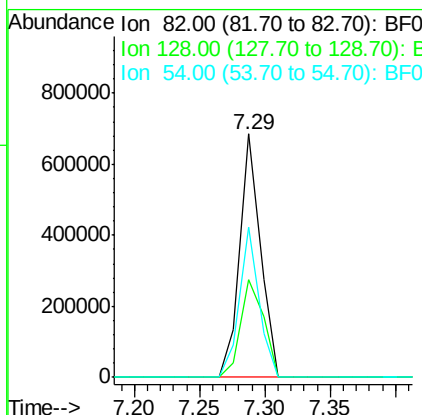
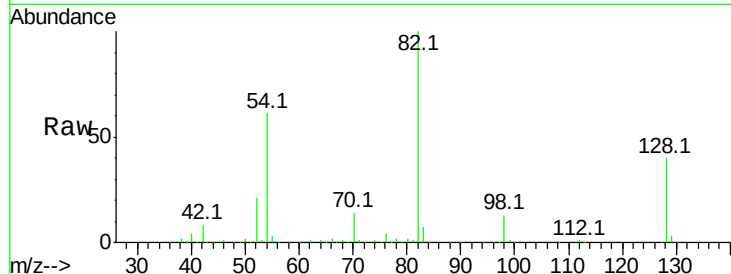




#23
 Nitrobenzene-d5
 Concen: 78.10 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF084641.D
 Acq: 29 Jan 2016 17:36

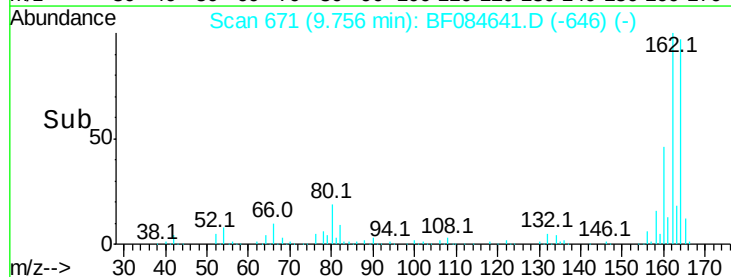
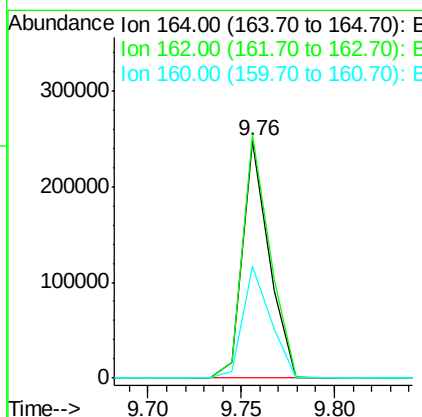
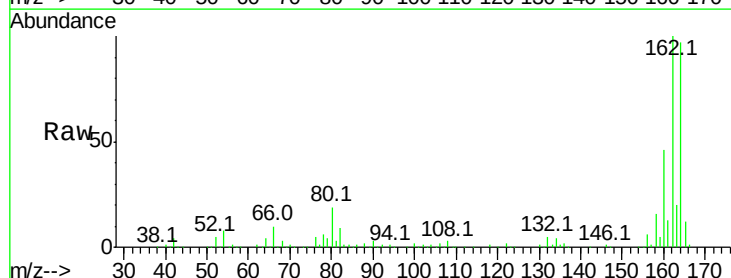
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B016(17-17.5)

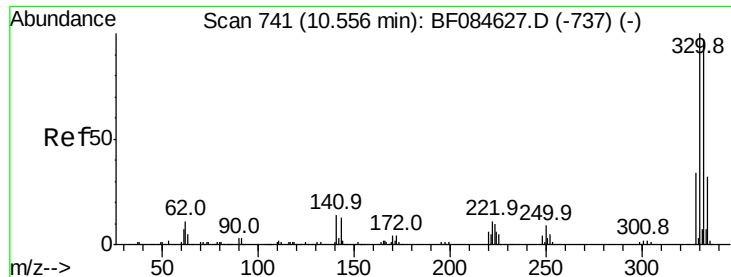
Tot Ion	82	Resp	752814
Ion Ratio	100		
Lower	34.6		
Upper	51.8		
54	61.5		
	38.4		
	57.6		



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF084641.D
 Acq: 29 Jan 2016 17:36

Tgt Ion	164	Resp	244813
Ion Ratio	100		
Lower	85.1		
Upper	127.7		
162	102.6		
160	46.8		
	37.5		
	56.3		

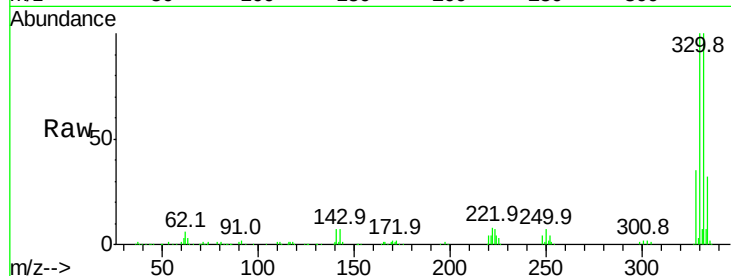




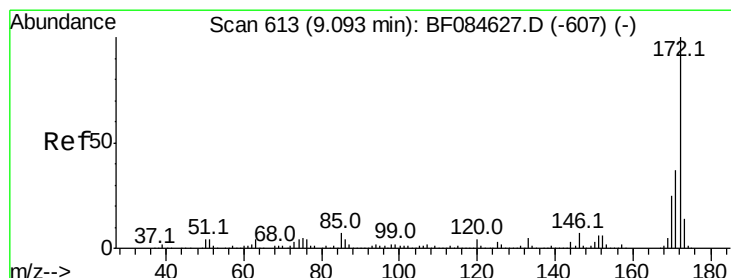
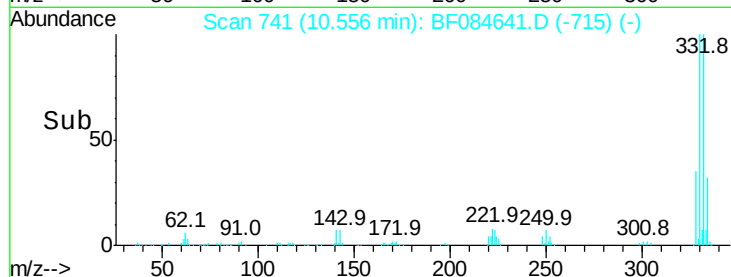
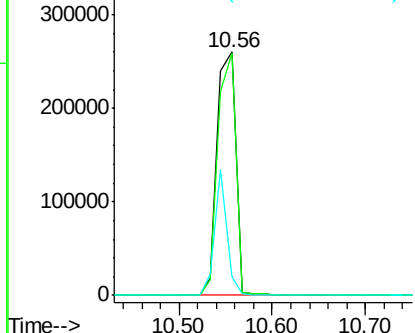
#41
 2,4,6-Tribromophenol
 Concen: 140.96 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF084641.D
 Acq: 29 Jan 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B016(17-17.5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	114.8
141	34.0	27.8	41.6

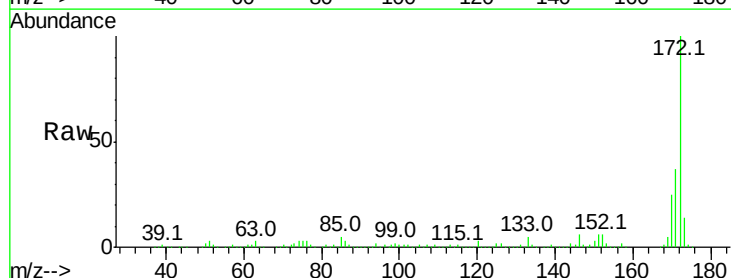


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

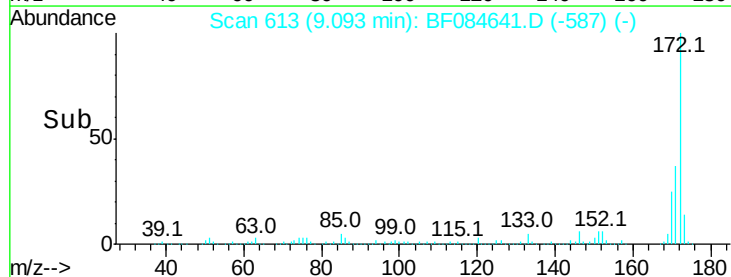
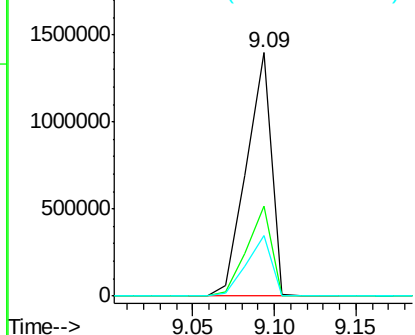


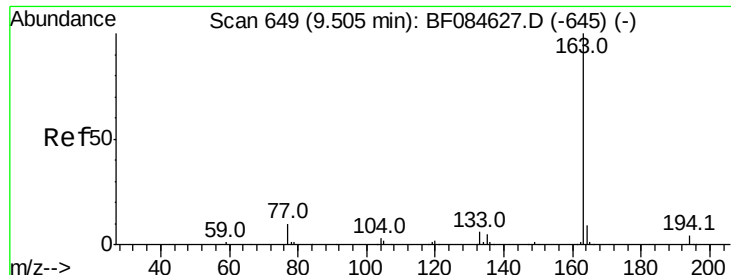
#44
 2-Fluorobiphenyl
 Concen: 90.23 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF084641.D
 Acq: 29 Jan 2016 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	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: 10.20 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF084641.D

Acq: 29 Jan 2016 17:36

Instrument :

BNA_F

ClientSampleId :

SUP-B016(17-17.5)

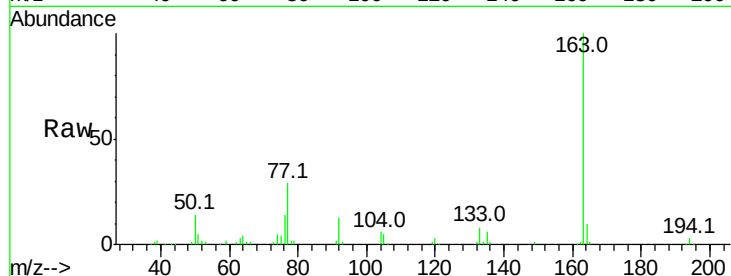
Tot Ion:163 Resp: 187421

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

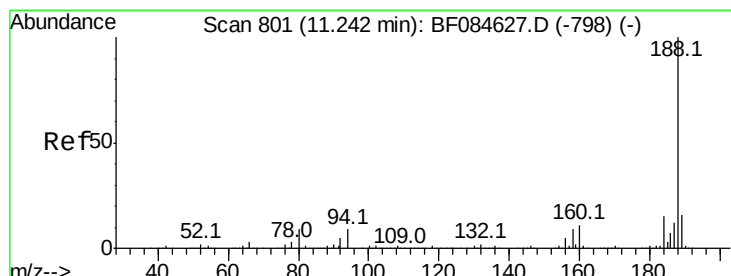
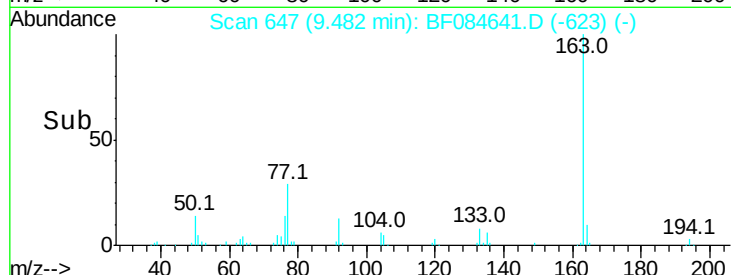
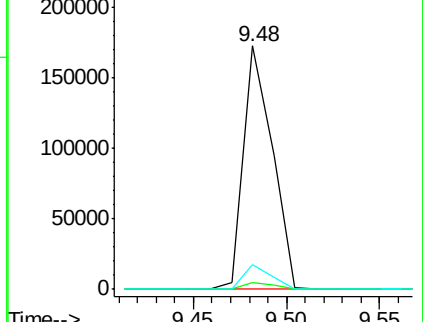
164 10.0 8.0 12.0



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: BF084641.D

Acq: 29 Jan 2016 17:36

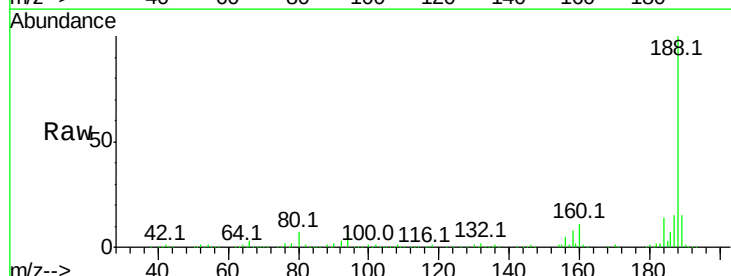
Tgt Ion:188 Resp: 505754

Ion Ratio Lower Upper

188 100

94 6.5 9.0 13.4#

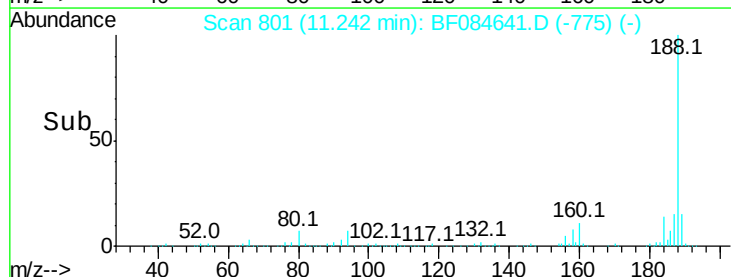
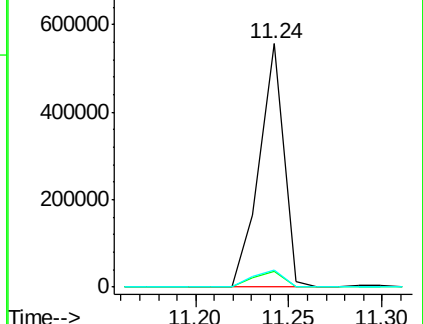
80 6.7 9.6 14.4#

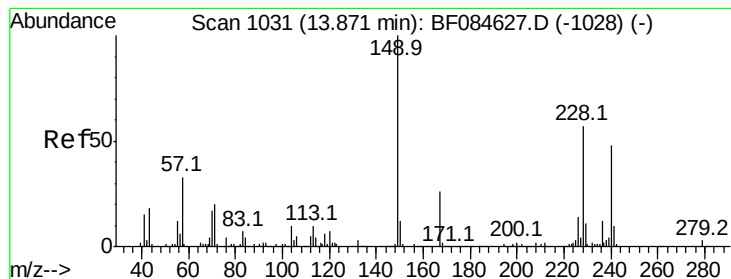


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF084641.D

Acq: 29 Jan 2016 17:36

Instrument :

BNA_F

ClientSampleId :

SUP-B016(17-17.5)

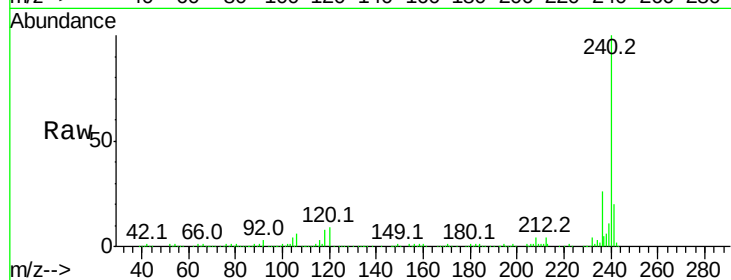
Tot Ion:240 Resp: 481632

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

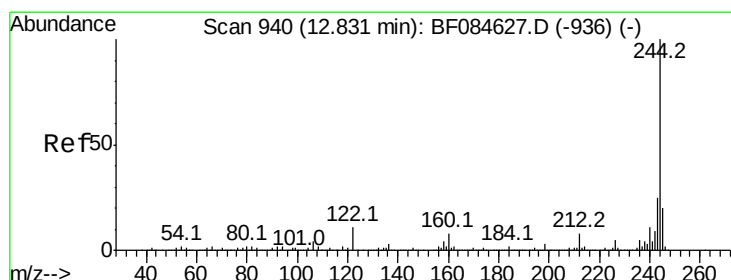
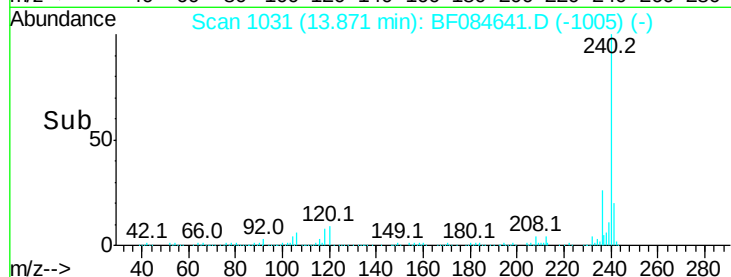
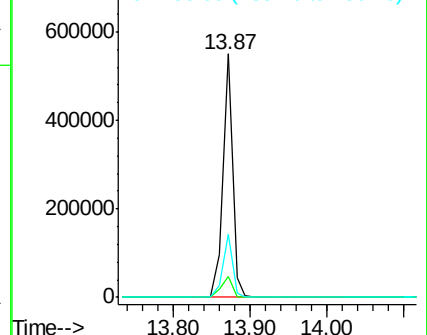
236 26.0 20.6 31.0



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: 64.68 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF084641.D

Acq: 29 Jan 2016 17:36

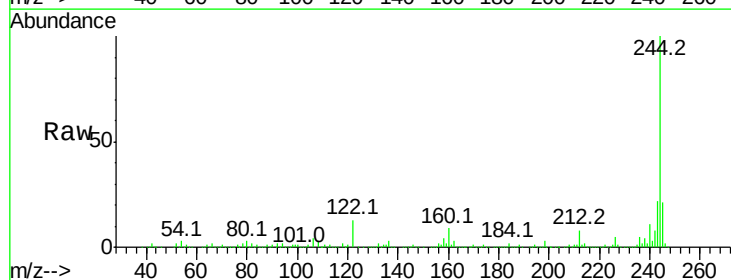
Tgt Ion:244 Resp: 1379294

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

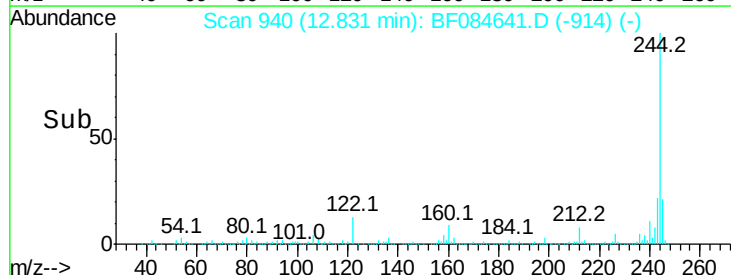
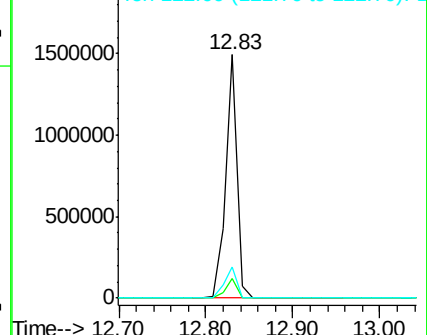
122 12.7 7.4 11.0#

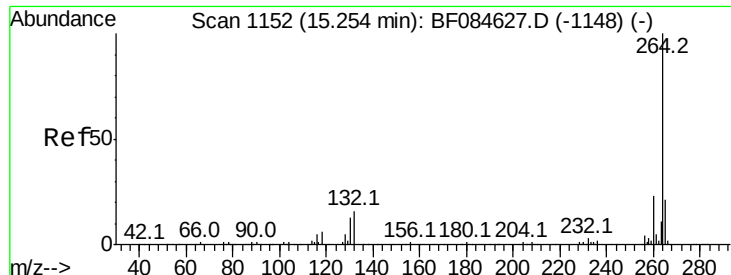


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084641.D
 Acq: 29 Jan 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B016(17-17.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.4	17.8	26.6

