

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084097.D
 Acq On : 24 Dec 2015 23:49
 Operator : UM/SJ
 Sample : PB87558BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BL

Quant Time: Dec 25 04:56:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	51087	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	185644	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	92386	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	174211	20.00	ng	0.00
75) Chrysene-d12	13.95	240	149656	20.00	ng	-0.01
86) Perylene-d12	15.38	264	106677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	358564	119.00	ng	0.01
7) Phenol-d6	6.45	99	446087	119.64	ng	0.00
23) Nitrobenzene-d5	7.37	82	261146	82.34	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	123790	125.65	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	568214	84.15	ng	0.00
78) Terphenyl-d14	12.90	244	499893	60.44	ng	0.00

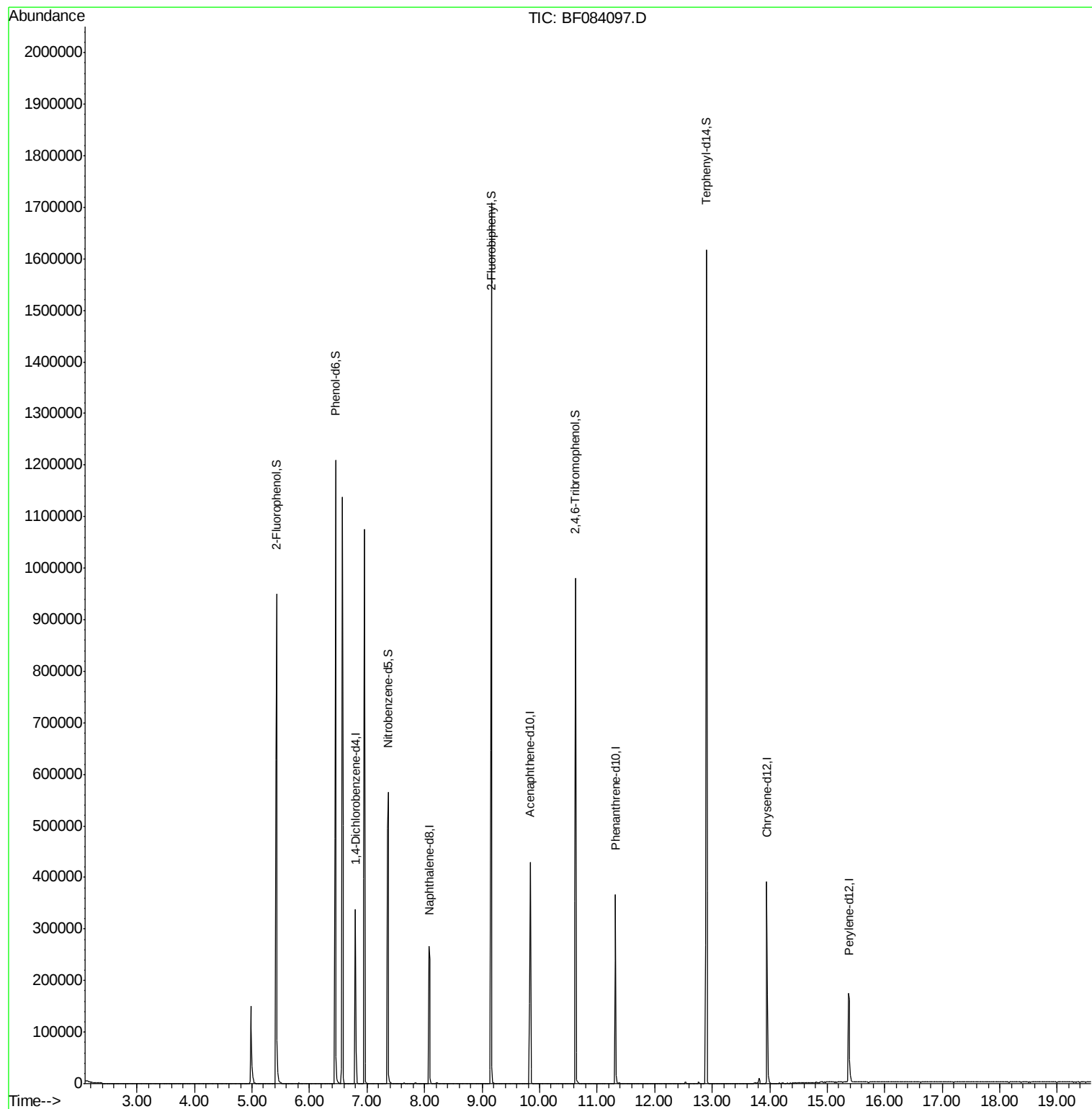
Target Compounds Qvalue

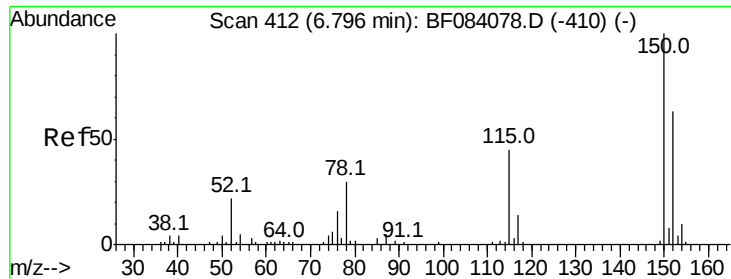
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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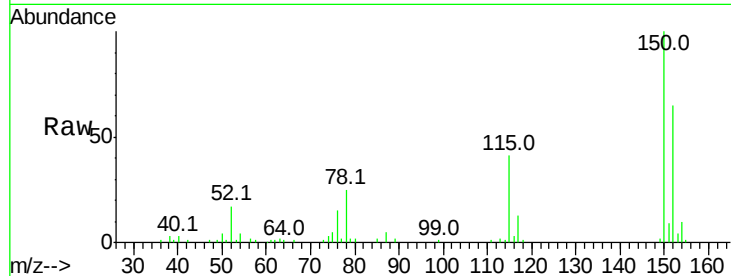


#1

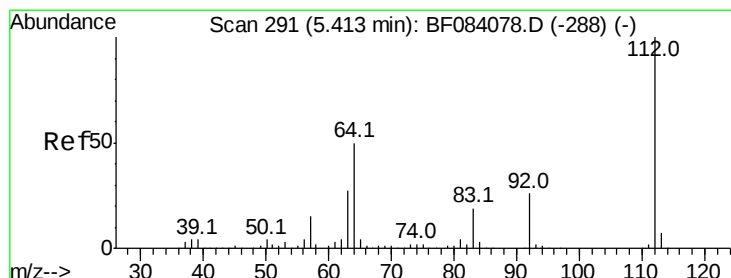
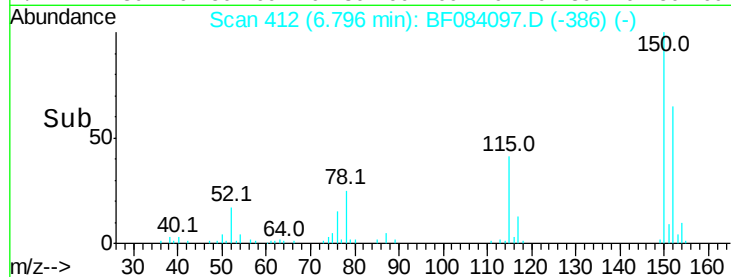
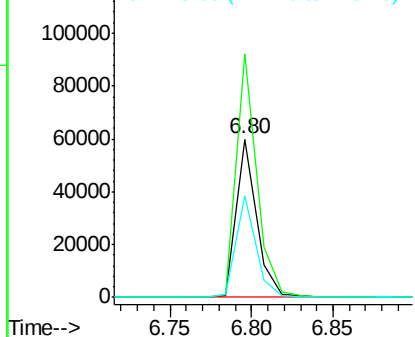
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084097.D
Acq: 24 Dec 2015 23:49

Instrument :
BNA_F
ClientSampleId :
PB87558BL

Tot Ion:152 Resp: 51087
Ion Ratio Lower Upper
152 100
150 153.7 123.0 184.4
115 63.8 51.4 77.2



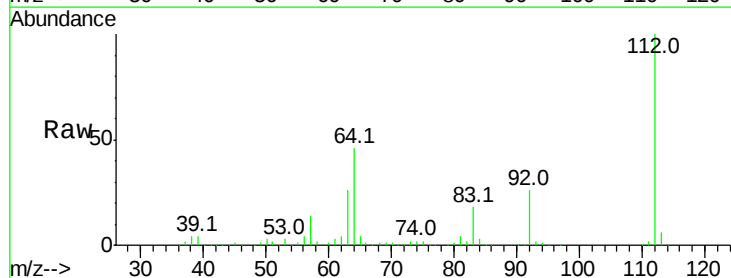
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



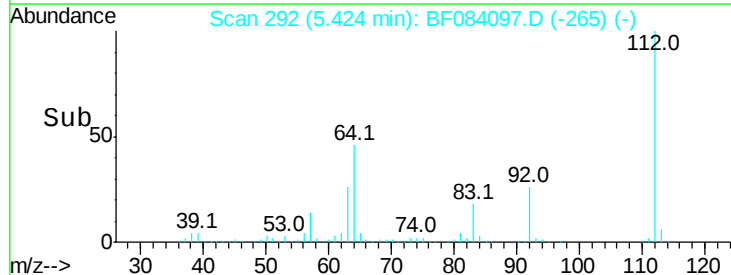
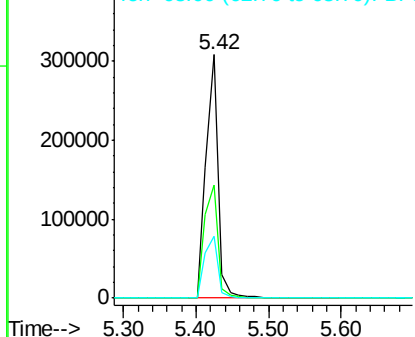
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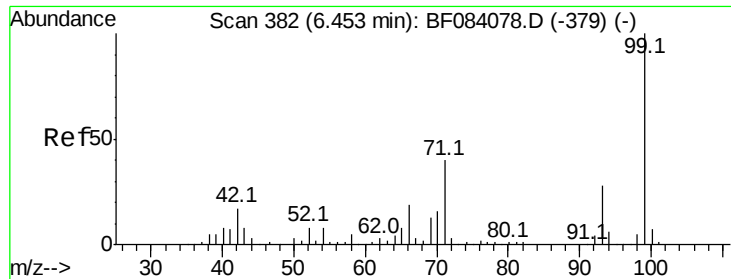
2-Fluorophenol
Concen: 119.00 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF084097.D
Acq: 24 Dec 2015 23:49

Tgt Ion:112 Resp: 358564
Ion Ratio Lower Upper
112 100
64 46.3 36.6 55.0
63 25.5 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: 119.64 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084097.D

Acq: 24 Dec 2015 23:49

Instrument :

BNA_F

ClientSampleId :

PB87558BL

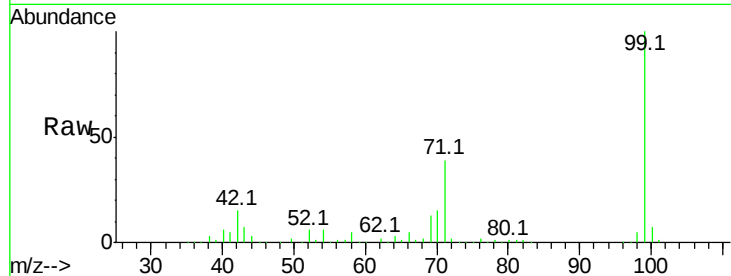
Tot Ion: 99 Resp: 446087

Ion Ratio Lower Upper

99 100

42 15.5 12.8 19.2

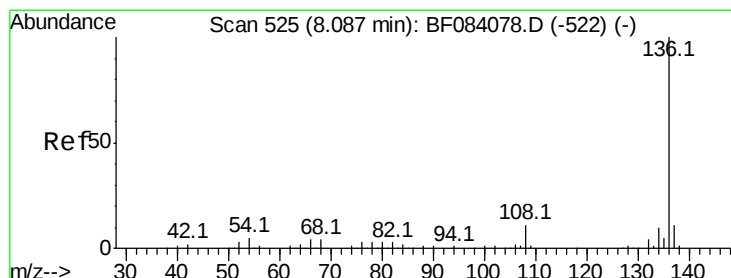
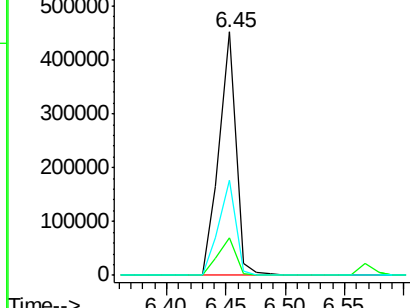
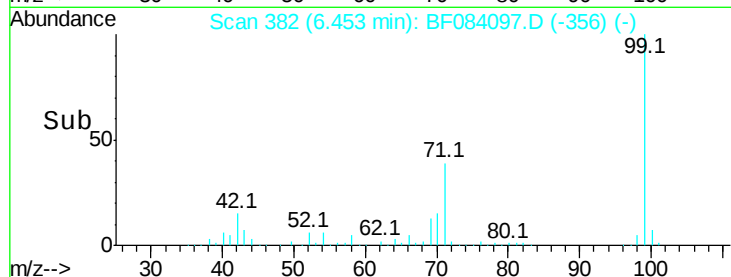
71 39.1 30.9 46.3



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: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084097.D

Acq: 24 Dec 2015 23:49

Tgt Ion: 136 Resp: 185644

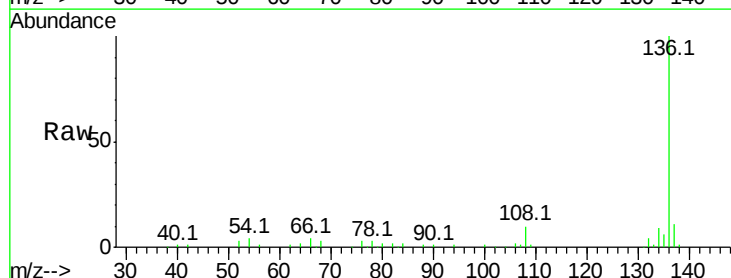
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 4.1 5.8 8.8#

68 3.3 4.2 6.2#

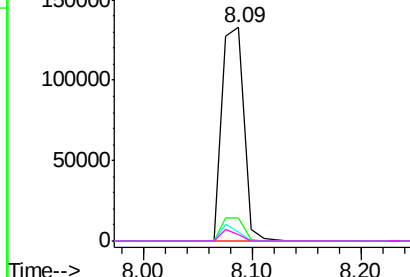
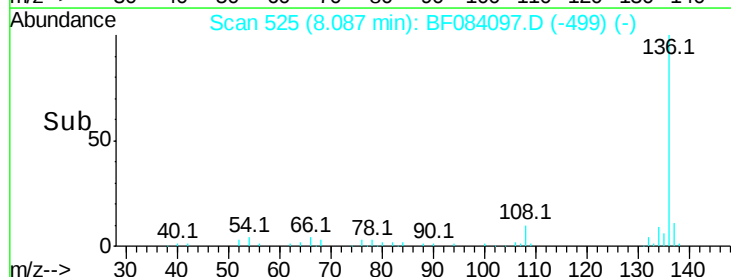


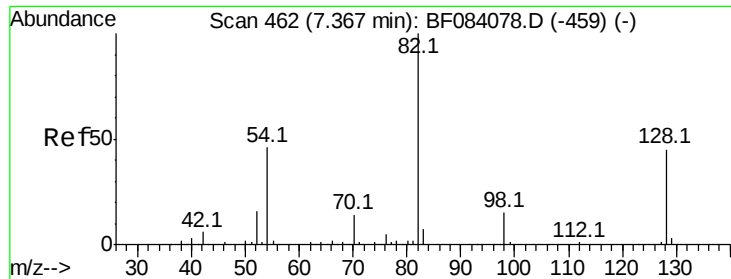
Abundance Ion 136.00 (135.70 to 136.70): E

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

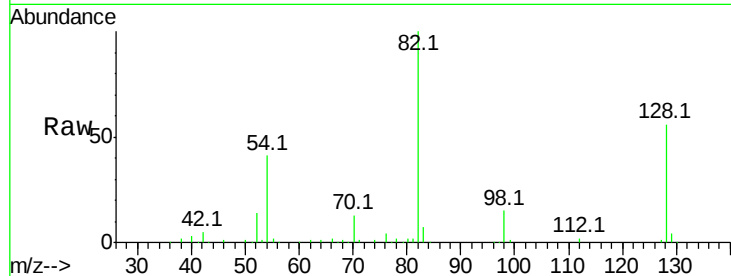




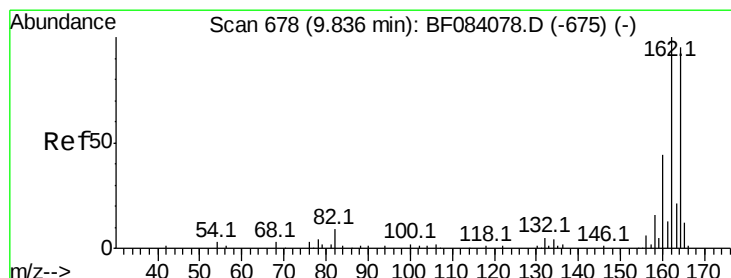
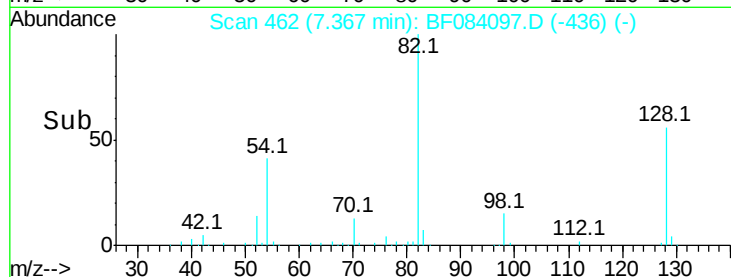
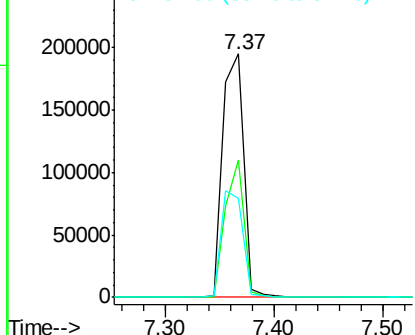
#23
 Nitrobenzene-d5
 Concen: 82.34 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BL

Tot Ion	82	Resp	261146
Ion Ratio	Lower	Upper	
82	100		
128	56.3	34.6	51.8#
54	40.8	38.4	57.6



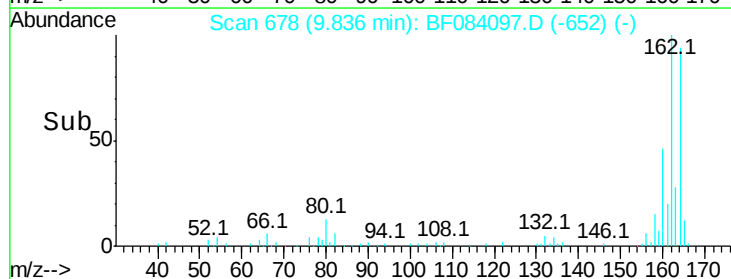
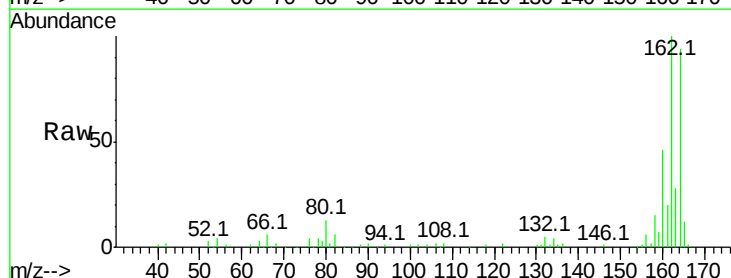
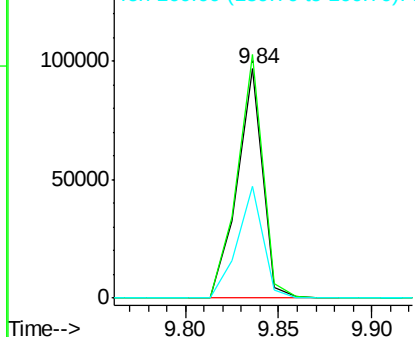
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

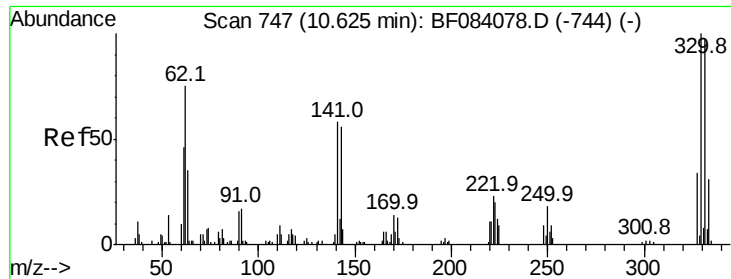


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Tgt Ion	164	Resp	92386
Ion Ratio	Lower	Upper	
164	100		
162	106.2	85.1	127.7
160	48.9	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

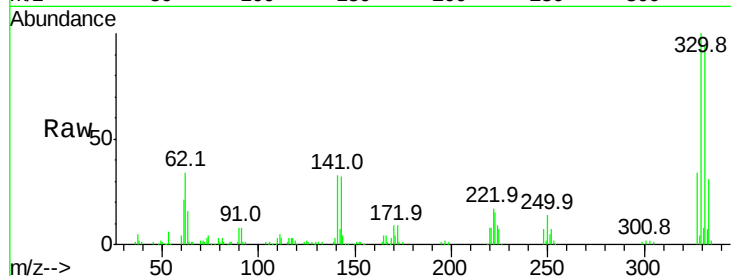




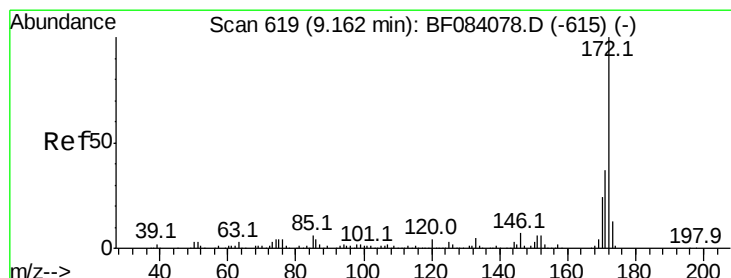
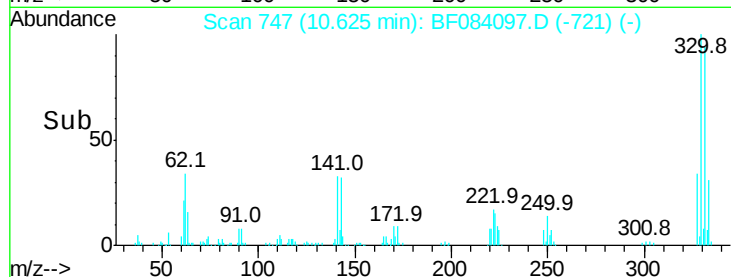
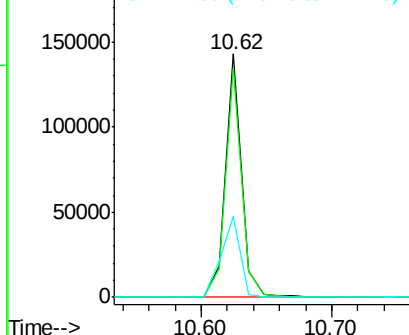
#41
 2,4,6-Tribromophenol
 Concen: 125.65 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	114.8
141	39.8	27.8	41.6

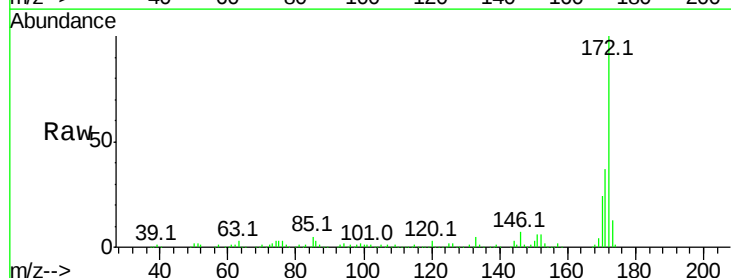


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

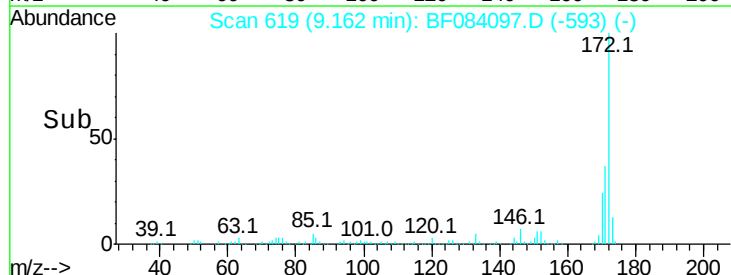
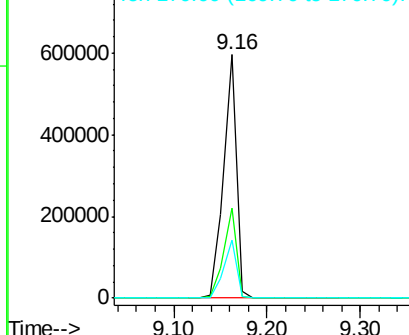


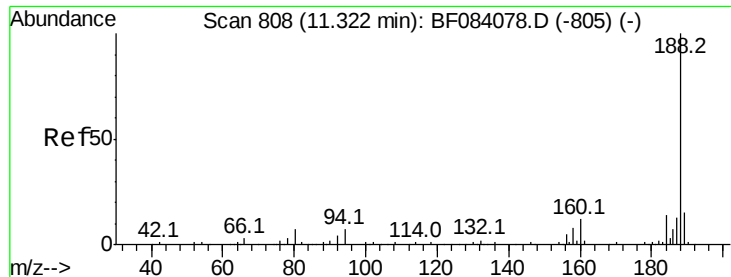
#44
 2-Fluorobiphenyl
 Concen: 84.15 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	23.8	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

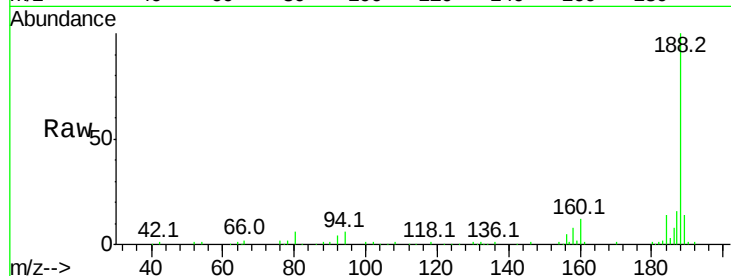




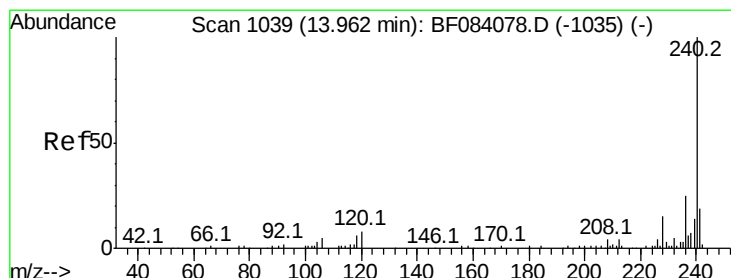
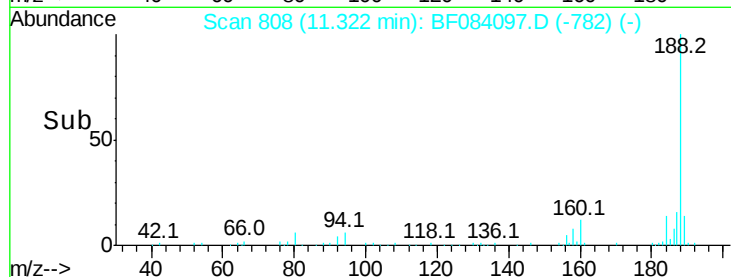
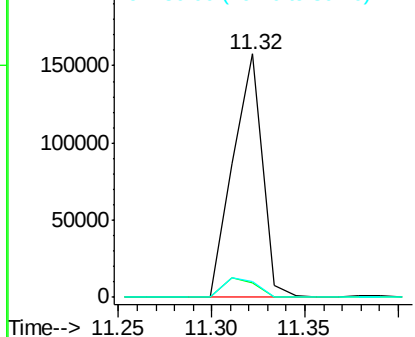
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.0	13.4#
80	6.2	9.6	14.4#

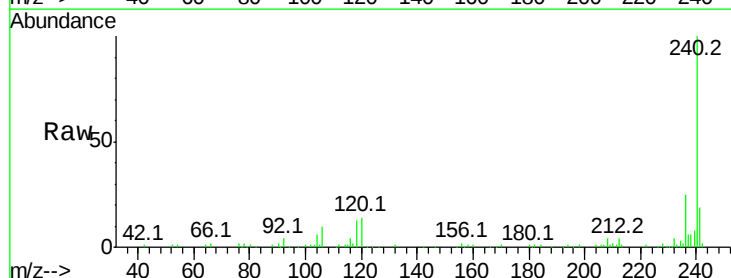


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

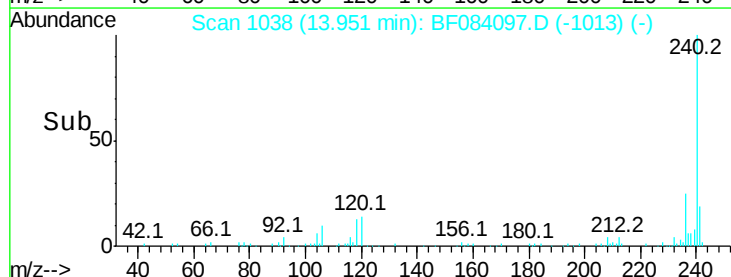
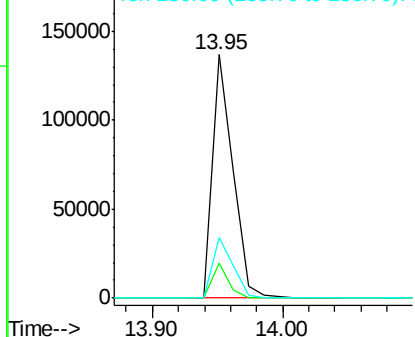


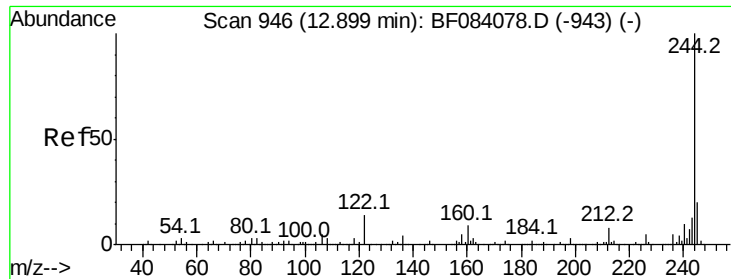
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3#
236	25.1	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

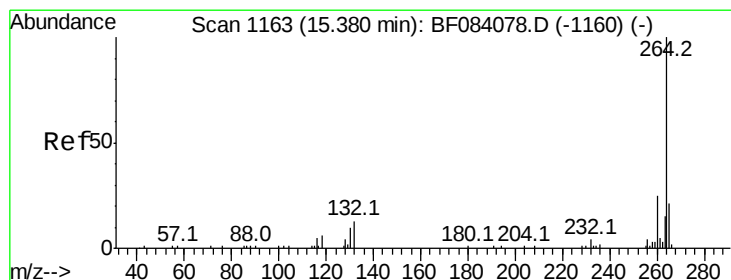
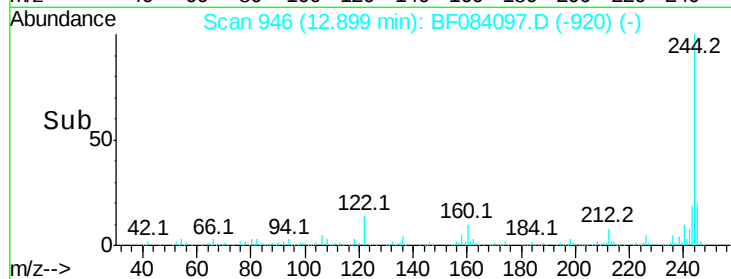
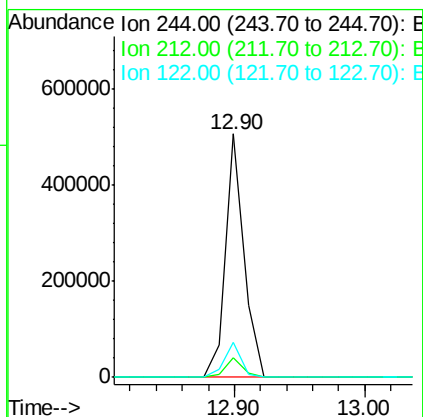
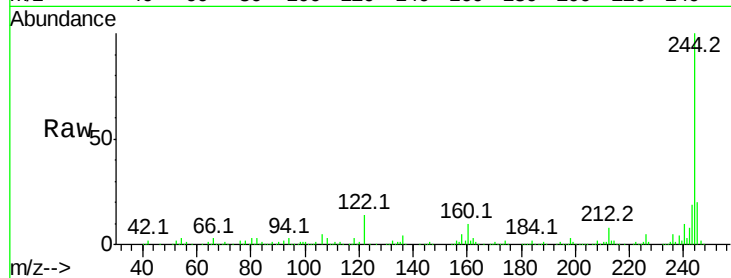




#78
 Terphenyl-d14
 Concen: 60.44 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Instrument :
 BNA_F
 ClientSampleId :
 PB87558BL

Tot Ion:244 Resp: 499893
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 14.1 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084097.D
 Acq: 24 Dec 2015 23:49

Tgt Ion:264 Resp: 106677
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 22.1 17.8 26.6

