

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084083.D
 Acq On : 24 Dec 2015 17:07
 Operator : UM/SJ
 Sample : PB87523BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BL

Quant Time: Dec 25 04:00:03 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	48480	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	182929	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	89726	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	167118	20.00	ng	0.00
75) Chrysene-d12	13.95	240	142364	20.00	ng	-0.01
86) Perylene-d12	15.38	264	96486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	204130	71.39	ng	0.01
7) Phenol-d6	6.45	99	264939	74.88	ng	0.00
23) Nitrobenzene-d5	7.36	82	222824	71.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	72536	75.81	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	503769	76.82	ng	0.00
78) Terphenyl-d14	12.90	244	444024	56.44	ng	0.00

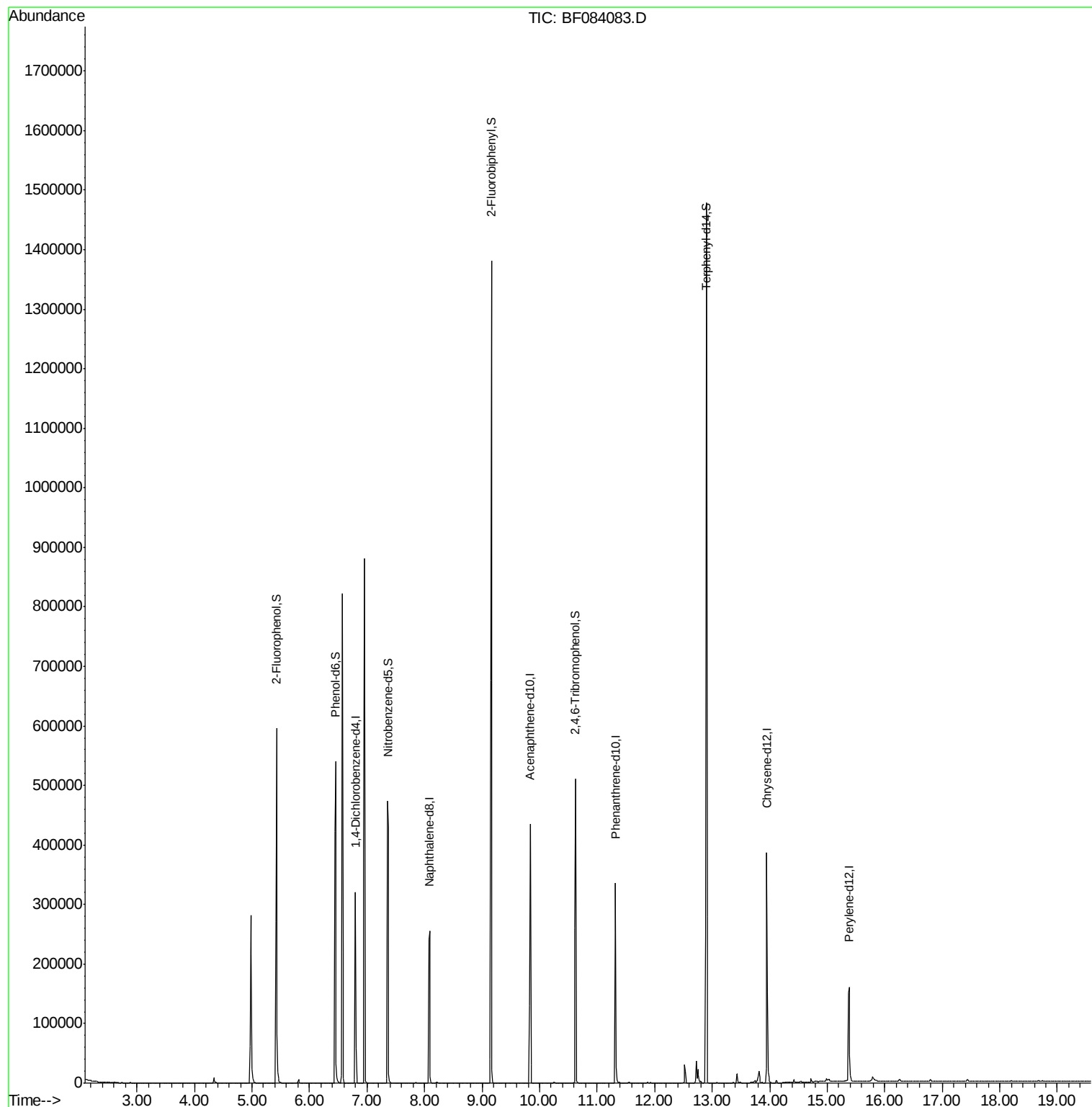
Target Compounds Qvalue

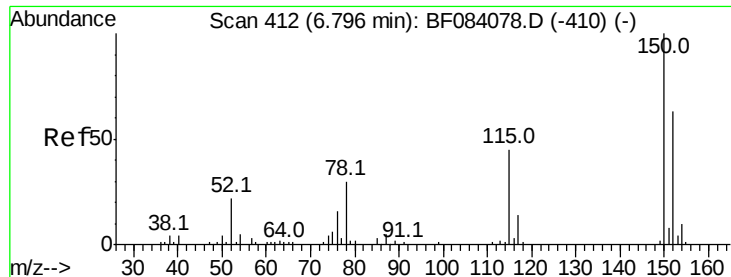
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084083.D

Acq: 24 Dec 2015 17:07

Instrument :

BNA_F

ClientSampleId :

PB87523BL

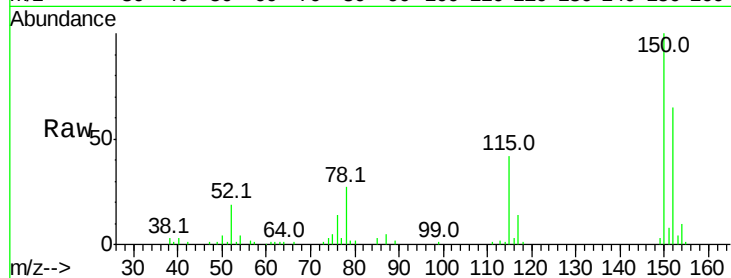
Tot Ion:152 Resp: 48480

Ion Ratio Lower Upper

152 100

150 152.7 123.0 184.4

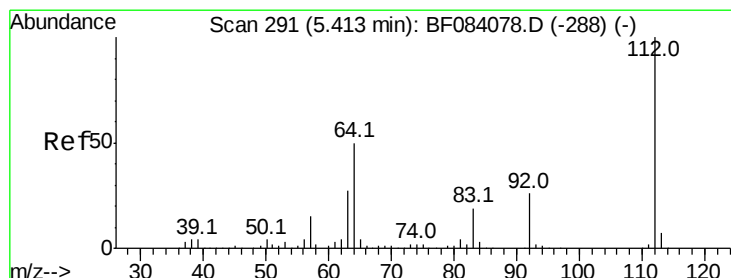
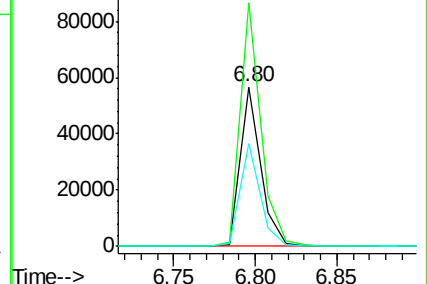
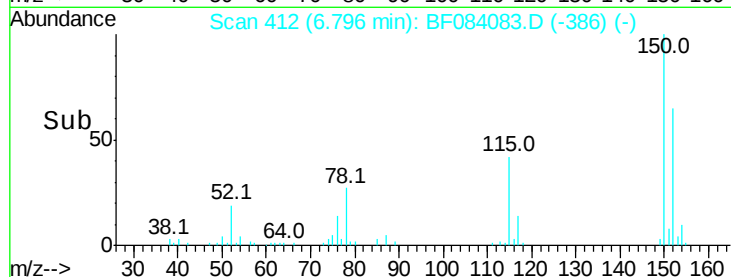
115 64.1 51.4 77.2



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: 71.39 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084083.D

Acq: 24 Dec 2015 17:07

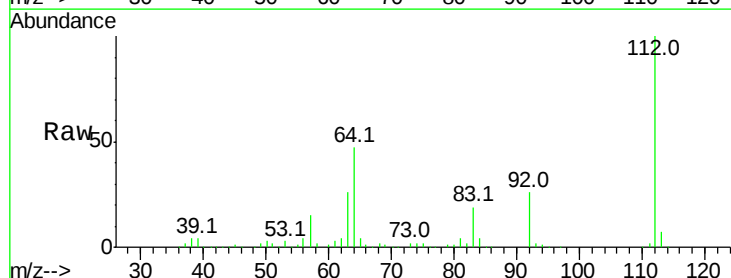
Tgt Ion:112 Resp: 204130

Ion Ratio Lower Upper

112 100

64 47.3 36.6 55.0

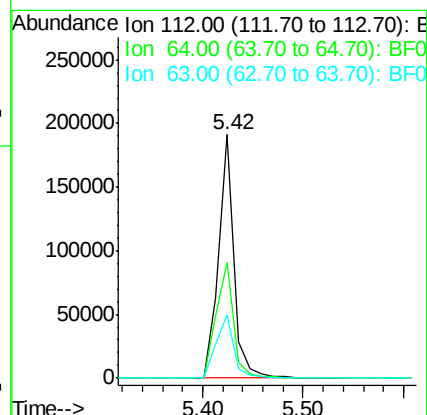
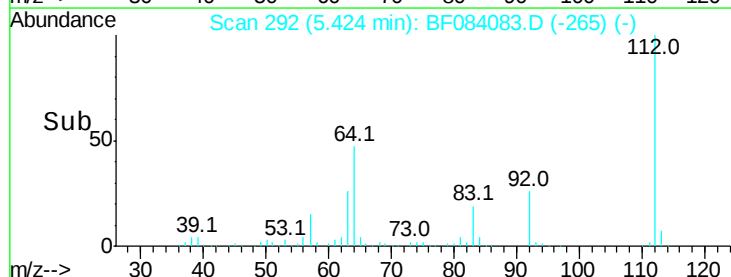
63 25.7 19.4 29.0

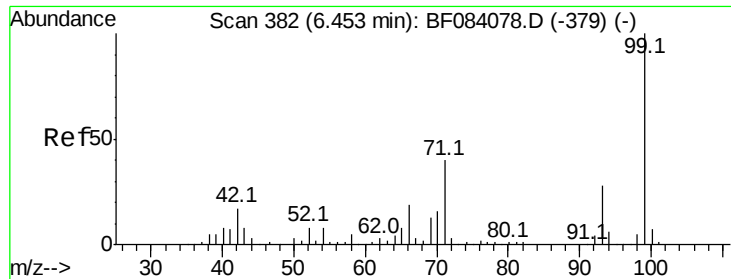


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 74.88 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084083.D

Acq: 24 Dec 2015 17:07

Instrument :

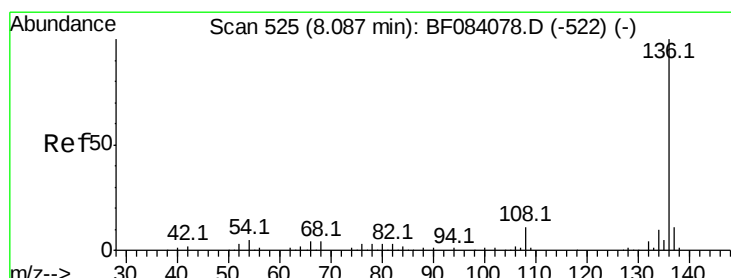
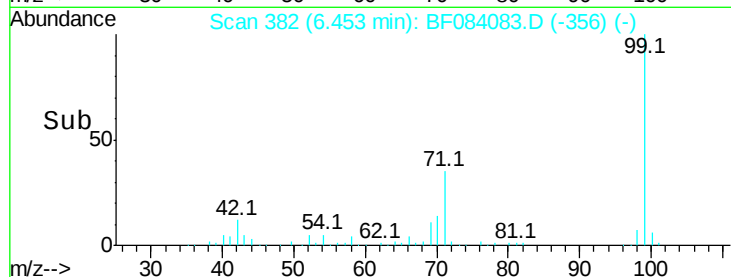
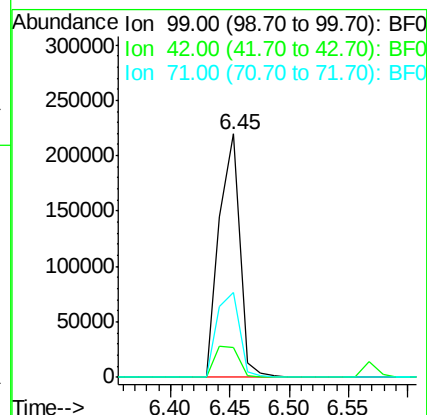
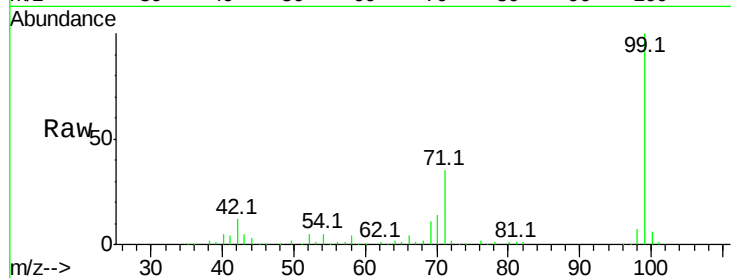
BNA_F

ClientSampleId :

PB87523BL

Tot Ion: 99 Resp: 264939

Ion	Ratio	Lower	Upper
99	100		
42	12.4	12.8	19.2#
71	34.7	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

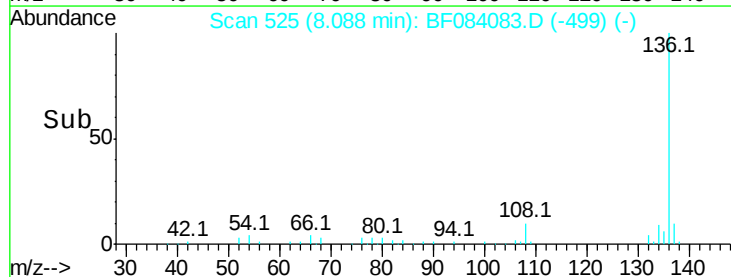
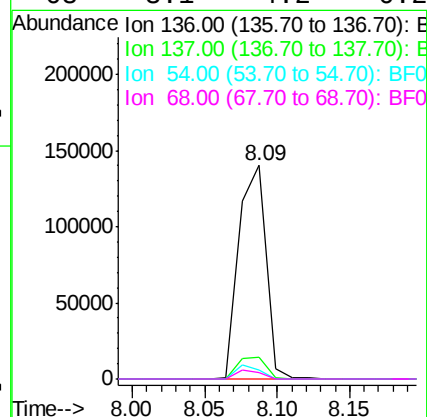
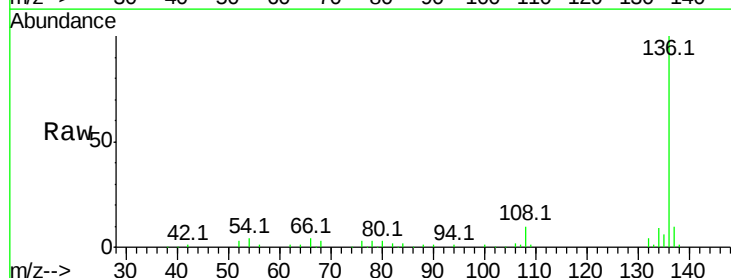
Delta R.T. 0.00 min

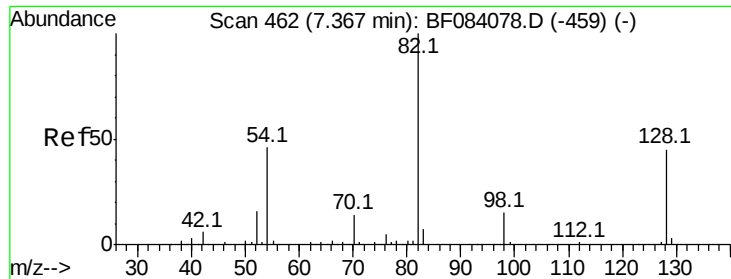
Lab File: BF084083.D

Acq: 24 Dec 2015 17:07

Tgt Ion: 136 Resp: 182929

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	4.1	5.8	8.8#
68	3.1	4.2	6.2#

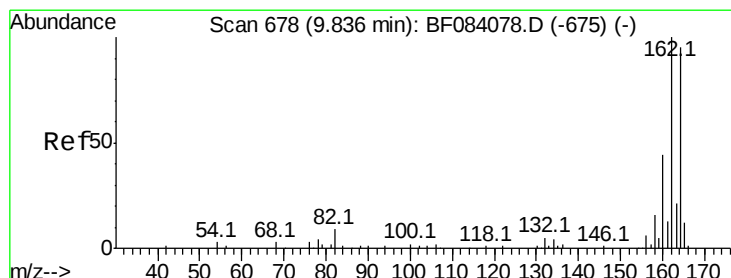
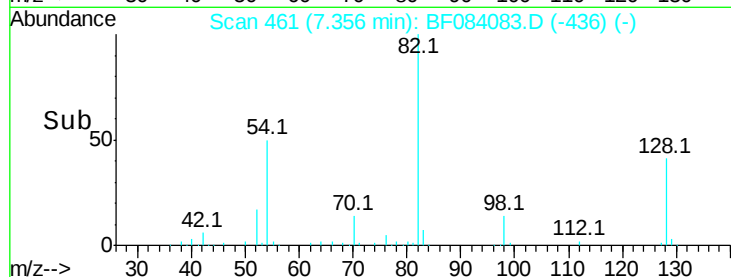
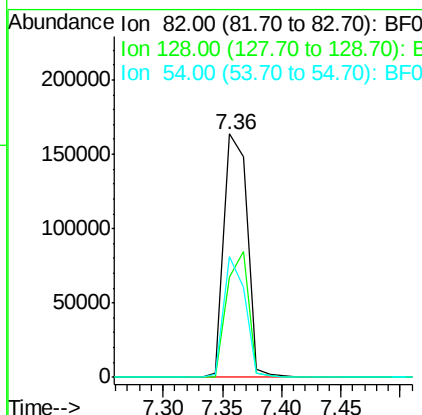
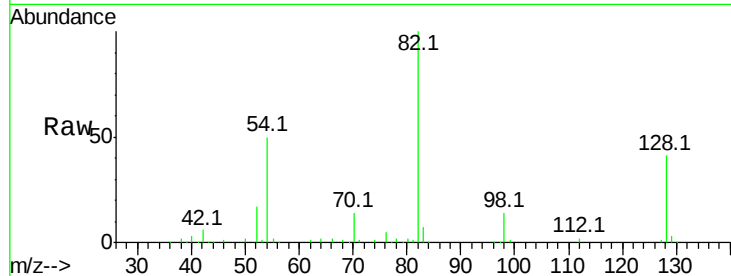




#23
 Nitrobenzene-d5
 Concen: 71.30 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

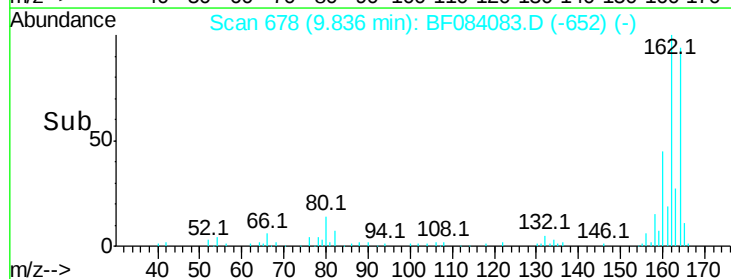
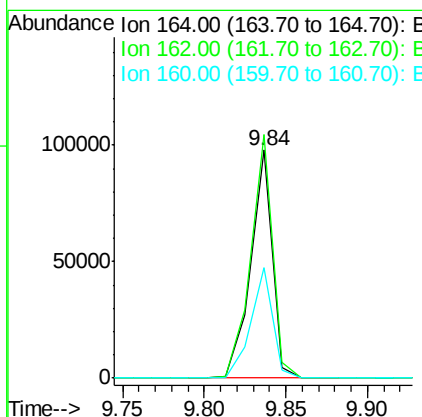
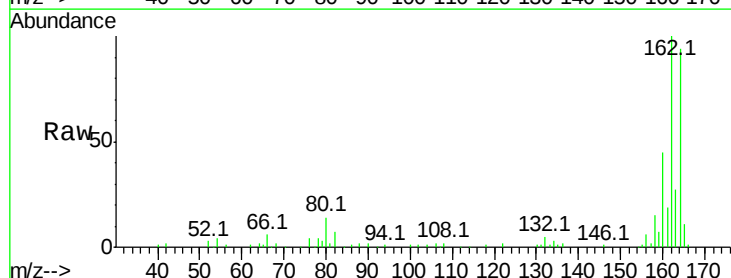
Instrument :
 BNA_F
 ClientSampleId :
 PB87523BL

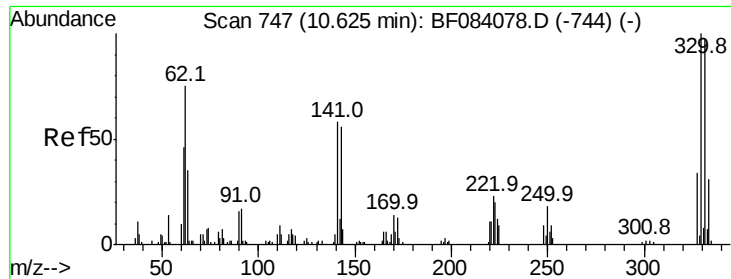
Tot Ion: 82 Resp: 222824
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 51.8
 54 49.5 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

Tgt Ion:164 Resp: 89726
 Ion Ratio Lower Upper
 164 100
 162 106.8 85.1 127.7
 160 48.2 37.5 56.3

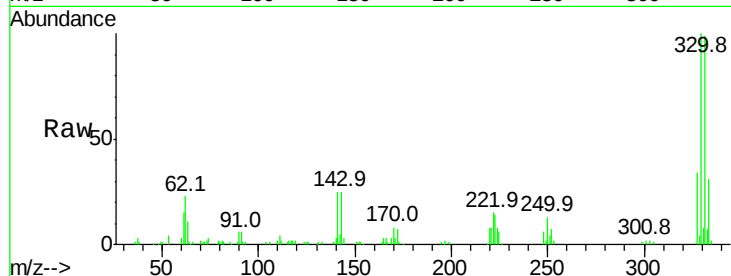




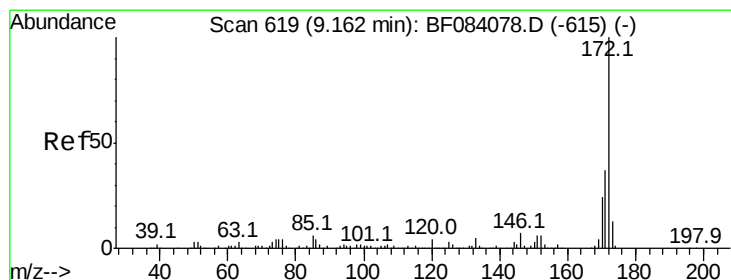
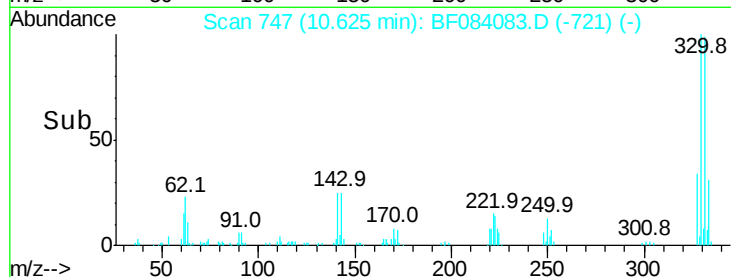
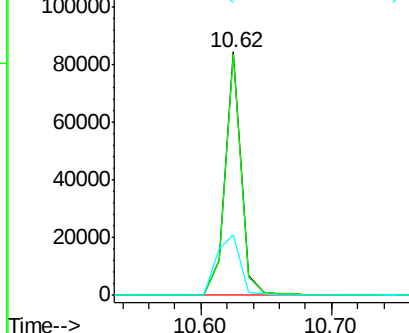
#41
 2,4,6-Tribromophenol
 Concen: 75.81 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BL

Tot Ion:330 Resp: 72536
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 36.7 27.8 41.6

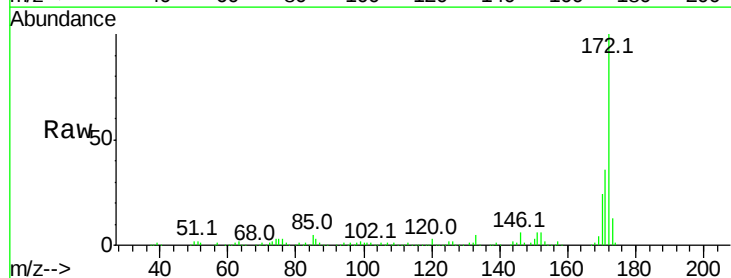


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

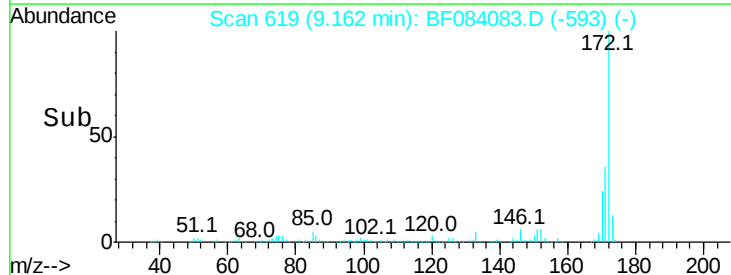
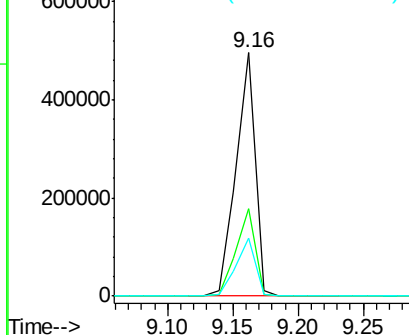


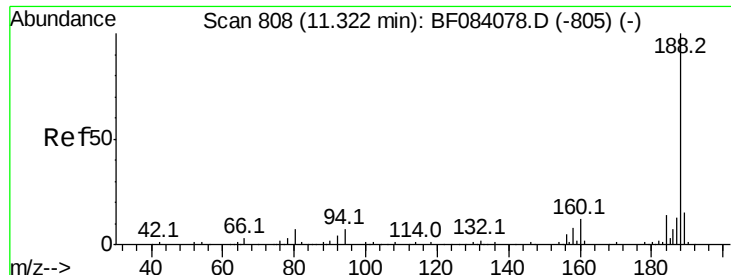
#44
 2-Fluorobiphenyl
 Concen: 76.82 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

Tgt Ion:172 Resp: 503769
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

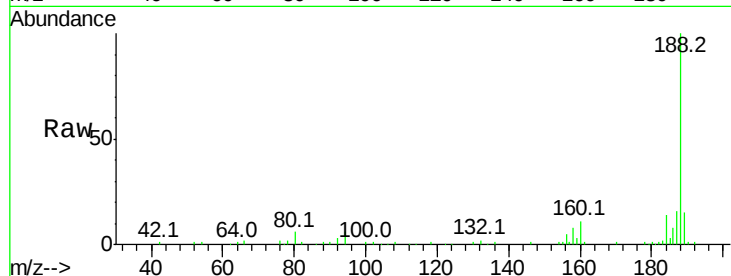




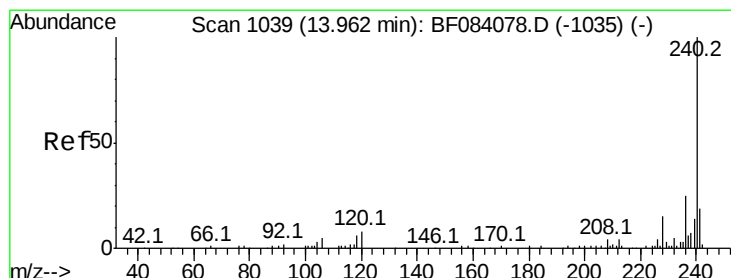
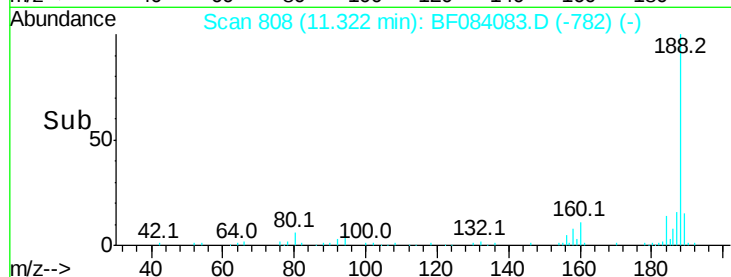
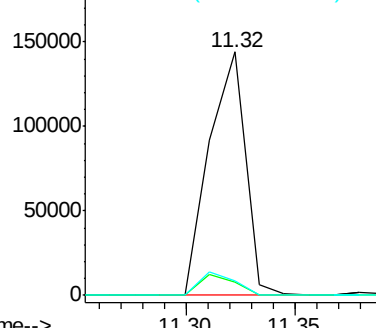
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.7	9.0	13.4#
80	6.1	9.6	14.4#

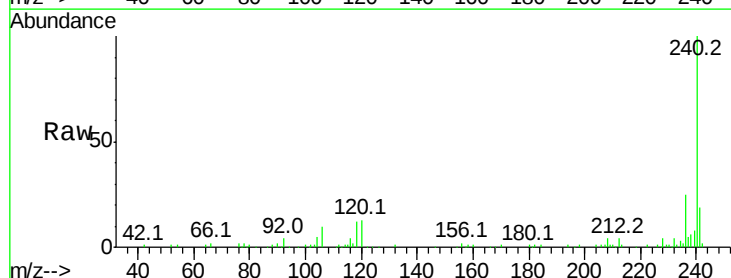


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

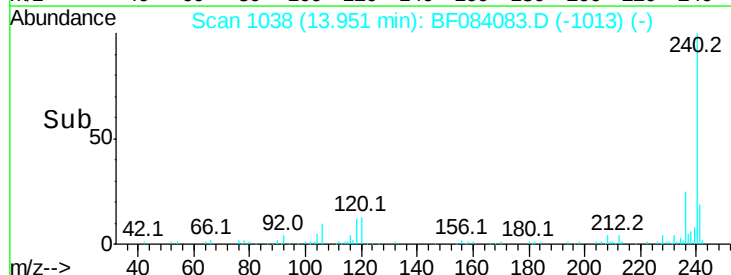
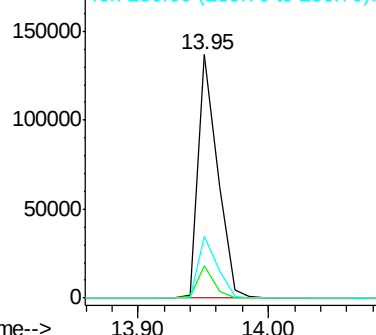


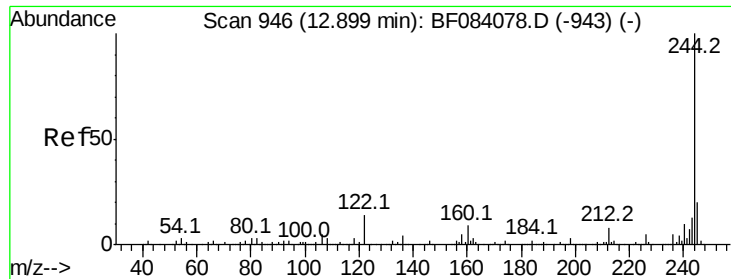
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.3	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

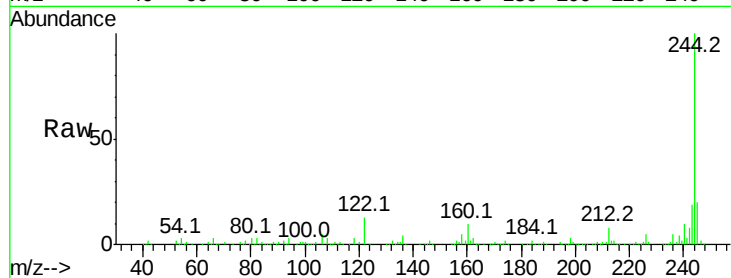




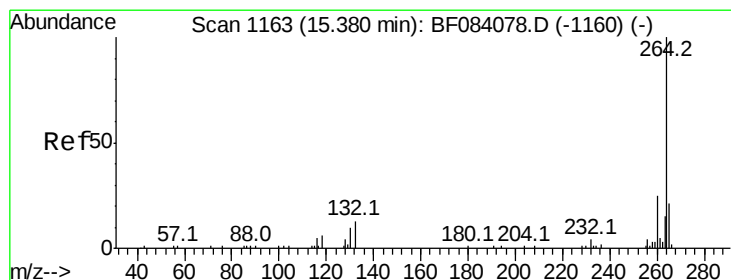
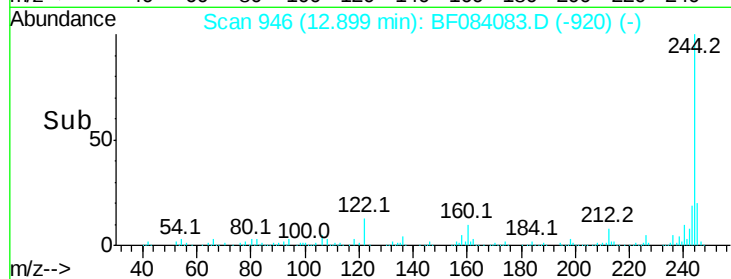
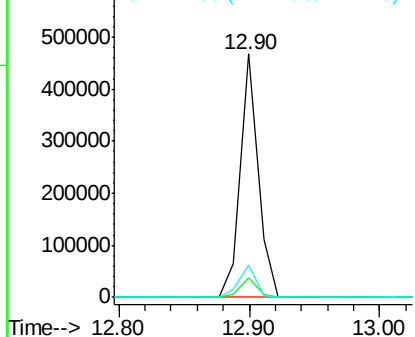
#78
 Terphenyl-d14
 Concen: 56.44 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB87523BL

Tot Ion:244 Resp: 444024
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 13.3 7.4 11.0#

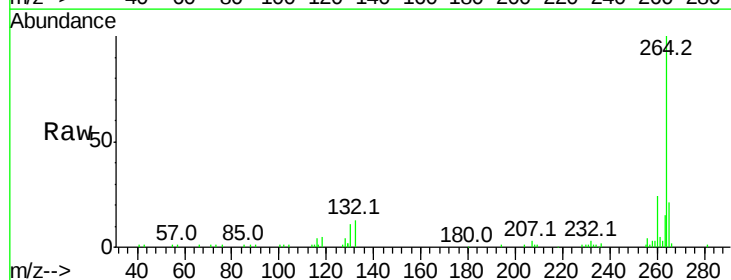


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084083.D
 Acq: 24 Dec 2015 17:07

Tgt Ion:264 Resp: 96486
 Ion Ratio Lower Upper
 264 100
 260 24.0 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

