

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084112.D
 Acq On : 25 Dec 2015 6:56
 Operator : UM/SJ
 Sample : G4951-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-122215

Quant Time: Dec 25 07:44:59 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	49139	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	181675	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	89232	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	159736	20.00	ng	0.00
75) Chrysene-d12	13.95	240	124993	20.00	ng	-0.01
86) Perylene-d12	15.38	264	97201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	161847	55.84	ng	0.00
7) Phenol-d6	6.45	99	112906	31.48	ng	0.00
23) Nitrobenzene-d5	7.37	82	297240	95.77	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	121459	127.64	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	582344	89.30	ng	0.00
78) Terphenyl-d14	12.90	244	475878	68.89	ng	0.00

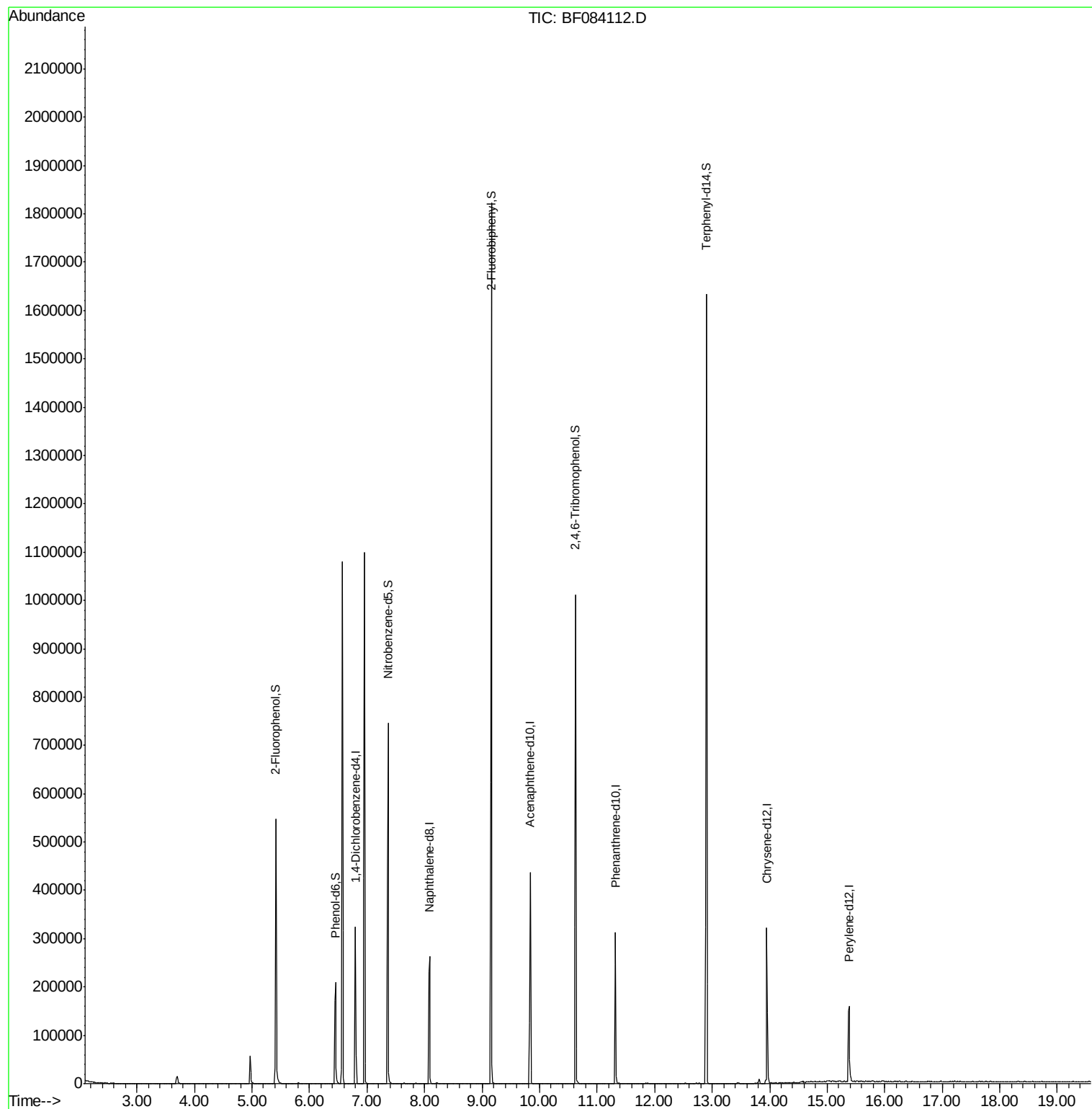
Target Compounds Qvalue

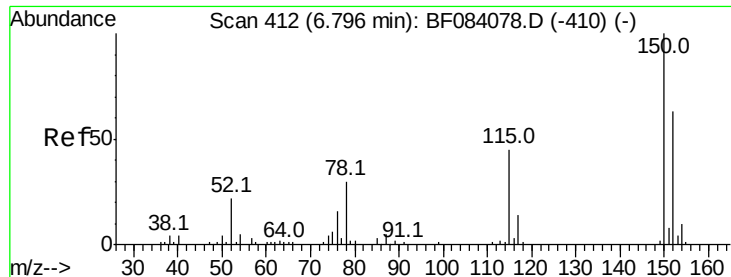
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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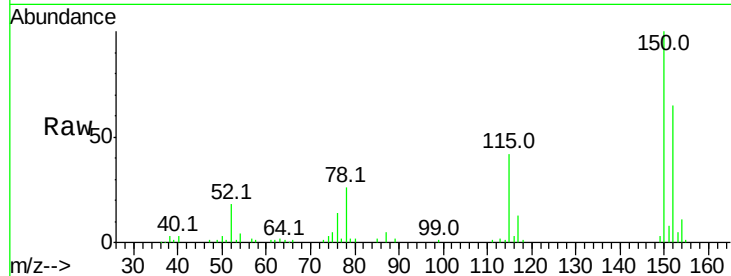


#1

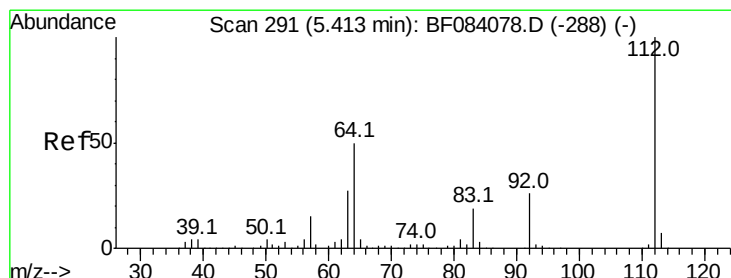
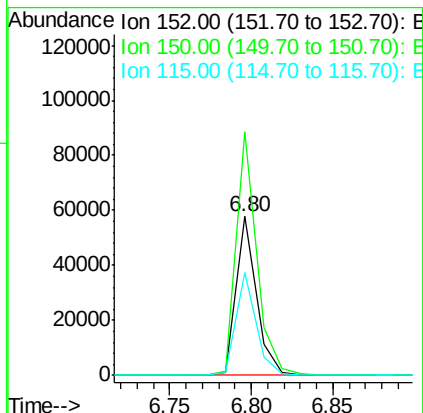
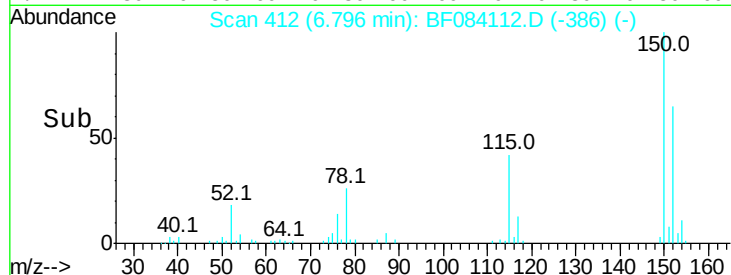
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084112.D
Acq: 25 Dec 2015 6:56

Instrument :
BNA_F
ClientSampleId :
LIP-16-122215

Tot Ion:152 Resp: 49139
Ion Ratio Lower Upper
152 100
150 153.4 123.0 184.4
115 64.9 51.4 77.2



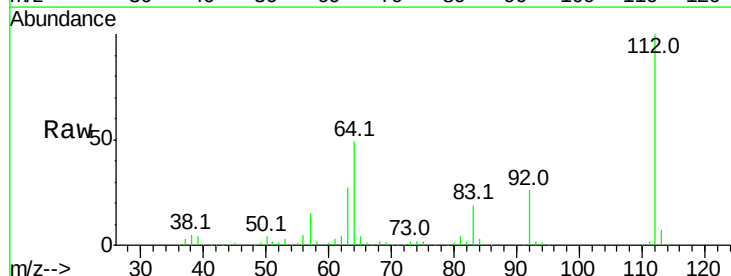
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



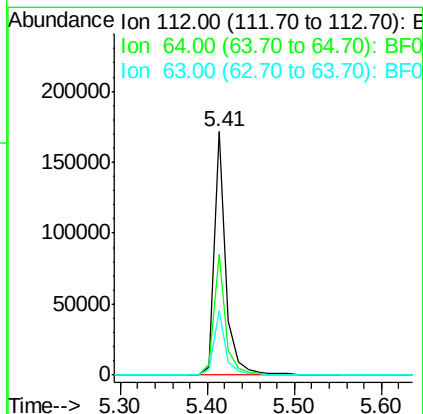
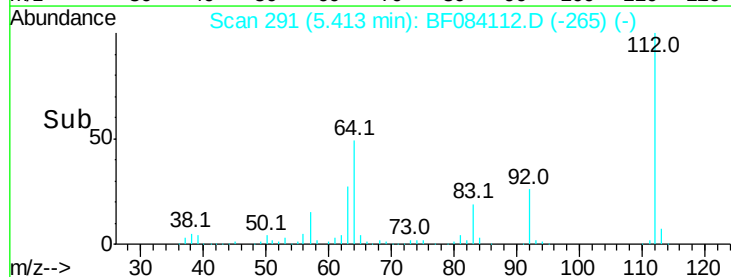
#5

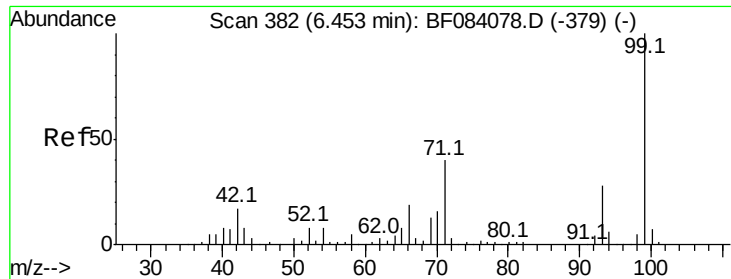
2-Fluorophenol
Concen: 55.84 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084112.D
Acq: 25 Dec 2015 6:56

Tgt Ion:112 Resp: 161847
Ion Ratio Lower Upper
112 100
64 49.5 36.6 55.0
63 26.6 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: 31.48 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084112.D

Acq: 25 Dec 2015 6:56

Instrument :

BNA_F

ClientSampleId :

LIP-16-122215

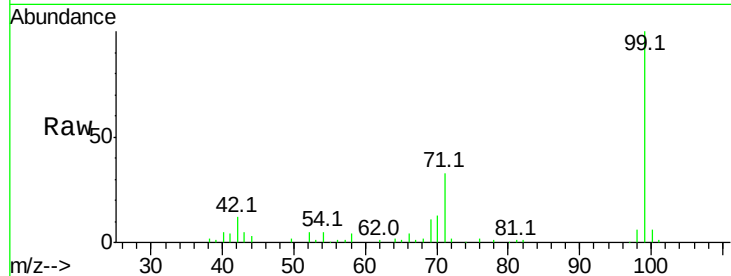
Tot Ion: 99 Resp: 112906

Ion Ratio Lower Upper

99 100

42 12.1 12.8 19.2#

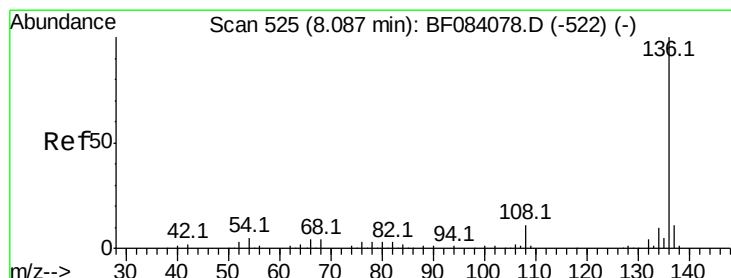
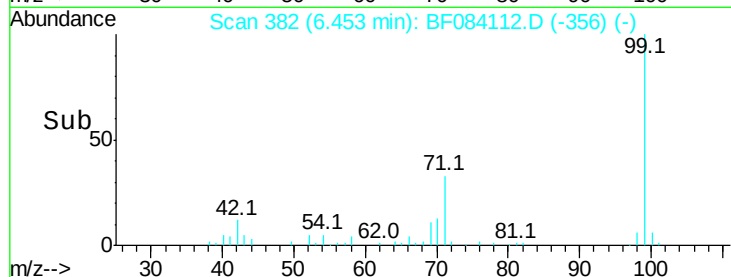
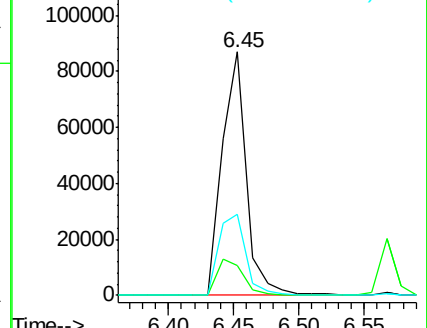
71 33.2 30.9 46.3



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: BF084112.D

Acq: 25 Dec 2015 6:56

Tgt Ion: 136 Resp: 181675

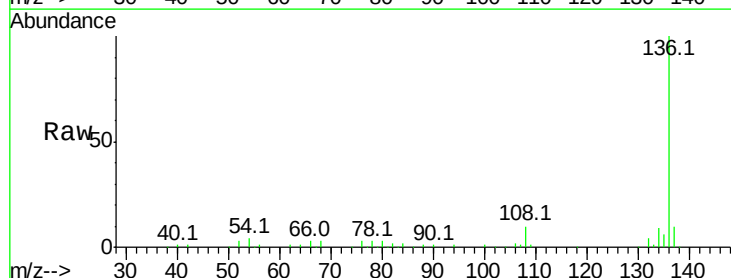
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 4.0 5.8 8.8#

68 3.2 4.2 6.2#

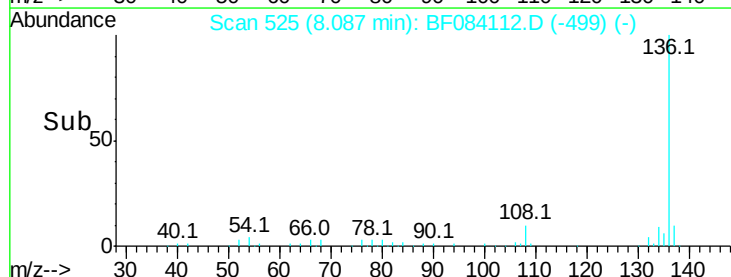
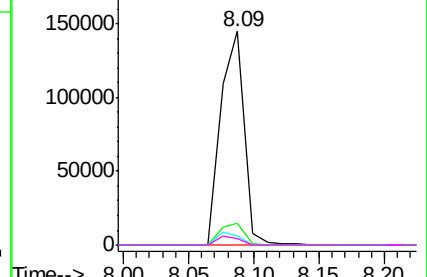


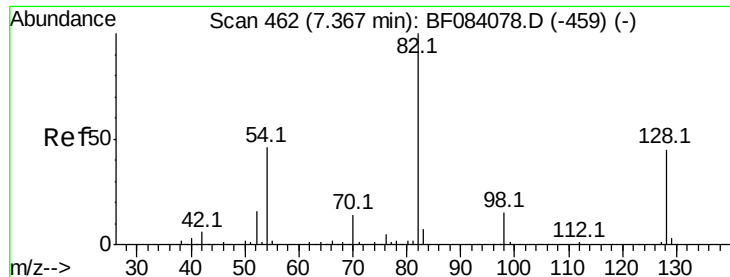
Abundance Ion 136.00 (135.70 to 136.70): E

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

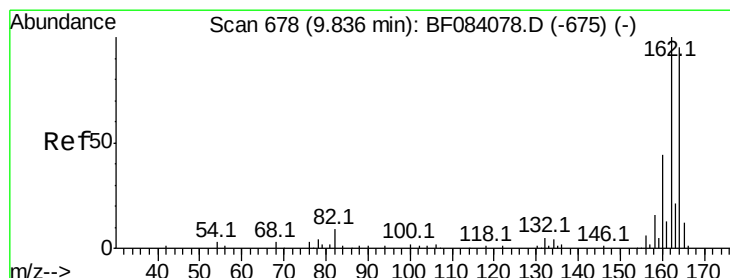
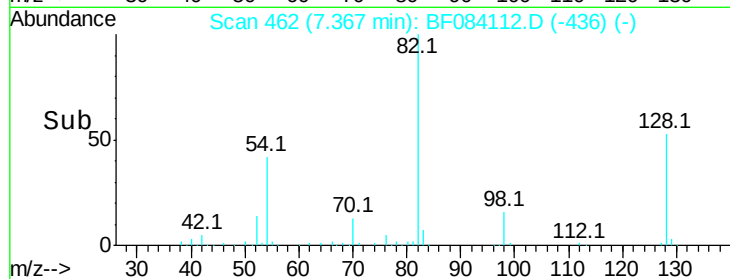
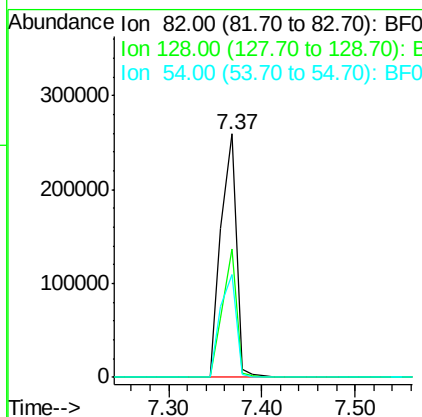
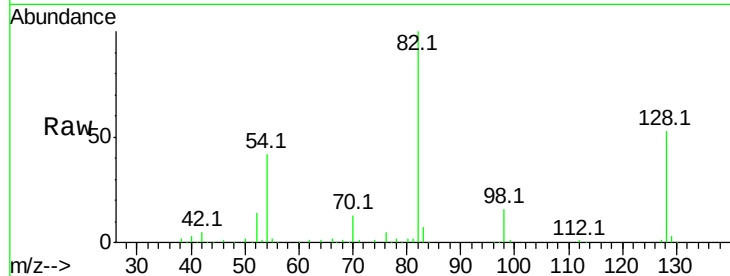




#23
 Nitrobenzene-d5
 Concen: 95.77 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

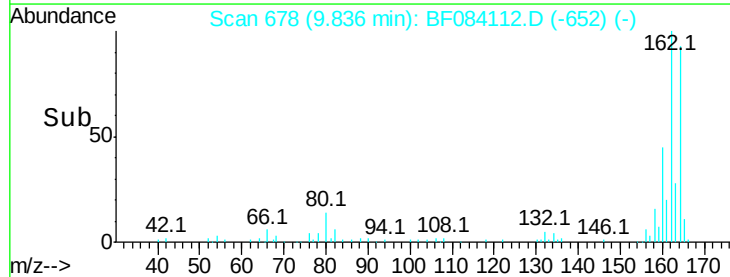
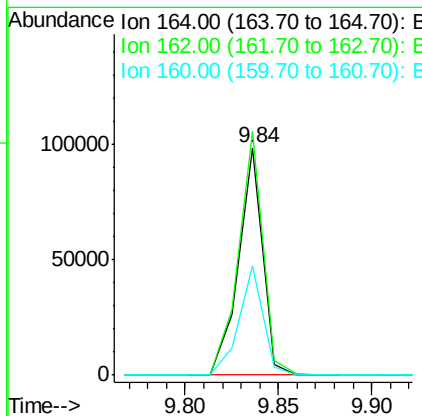
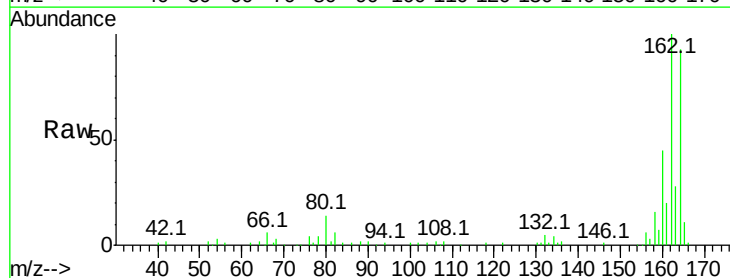
Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-122215

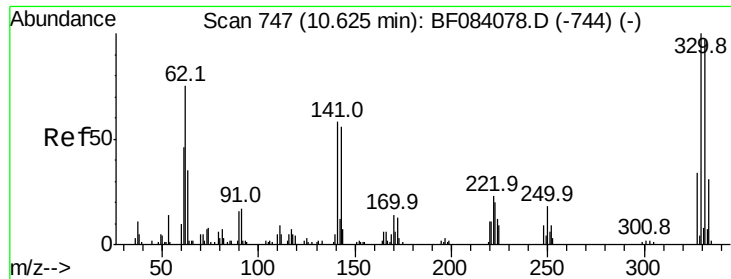
Tot Ion	82	Resp	297240
Ion Ratio	Lower	Upper	
82	100		
128	52.6	34.6	51.8#
54	42.0	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

Tgt Ion	164	Resp	89232
Ion Ratio	Lower	Upper	
164	100		
162	107.1	85.1	127.7
160	47.8	37.5	56.3

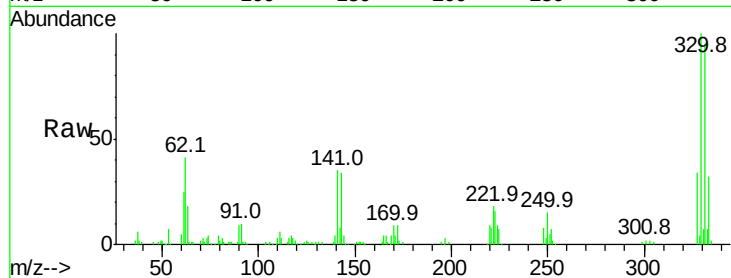




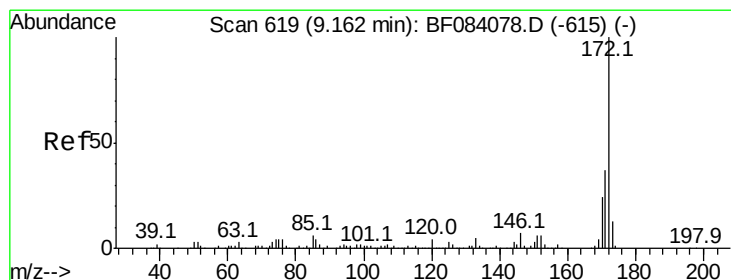
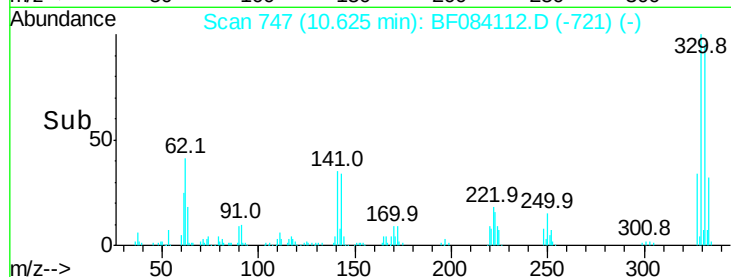
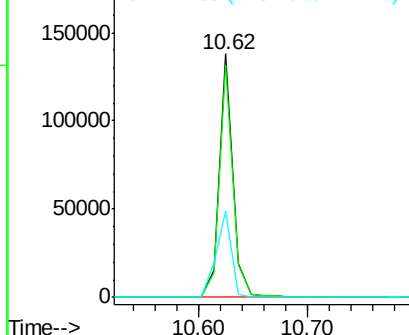
#41
 2,4,6-Tribromophenol
 Concen: 127.64 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-122215

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	40.2	27.8	41.6

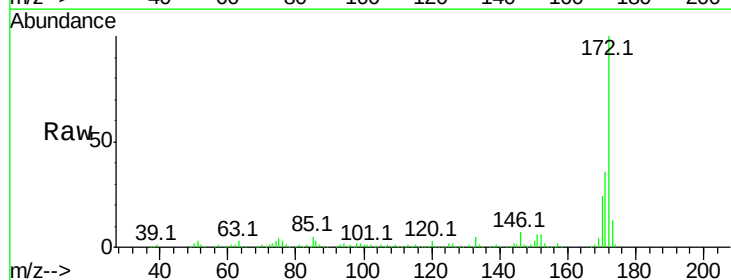


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

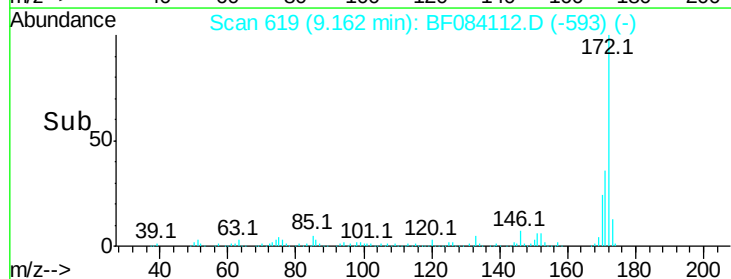
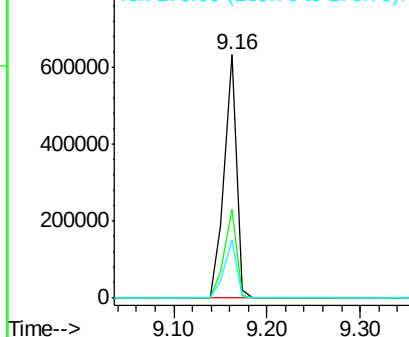


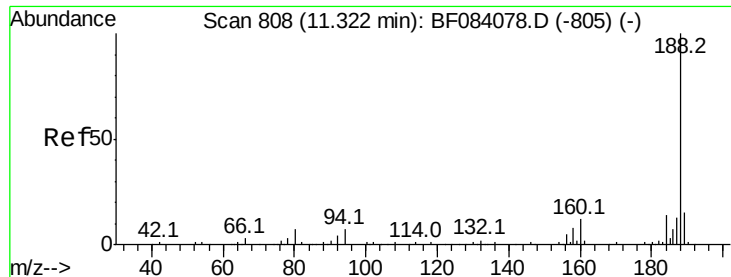
#44
 2-Fluorobiphenyl
 Concen: 89.30 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.6	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

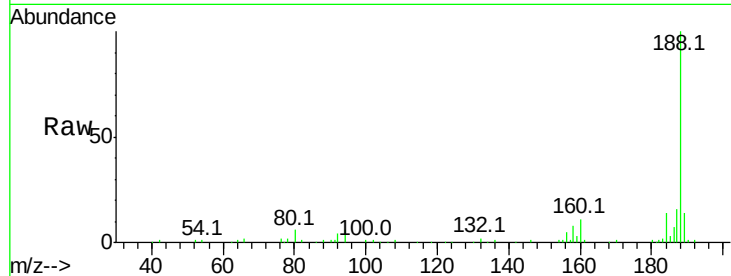




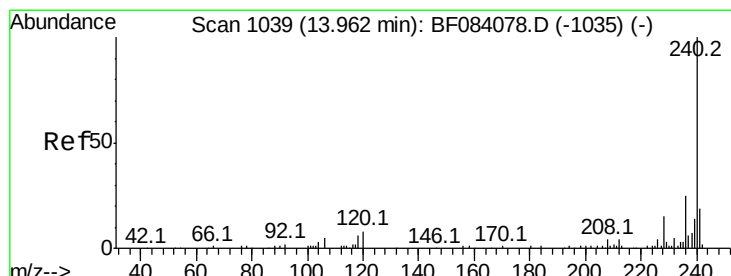
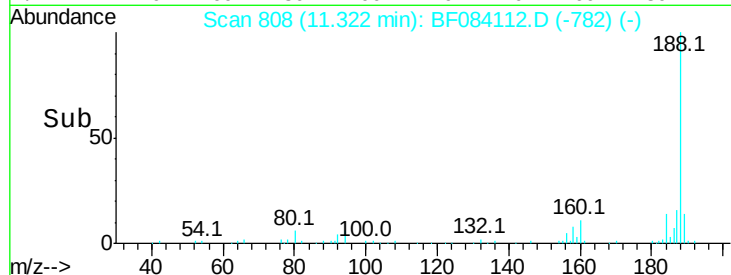
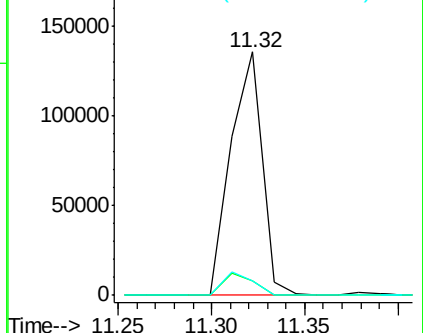
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084112.D
Acq: 25 Dec 2015 6:56

Instrument :
BNA_F
ClientSampleId :
LIP-16-122215

Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	9.0	13.4#
80	6.1	9.6	14.4#

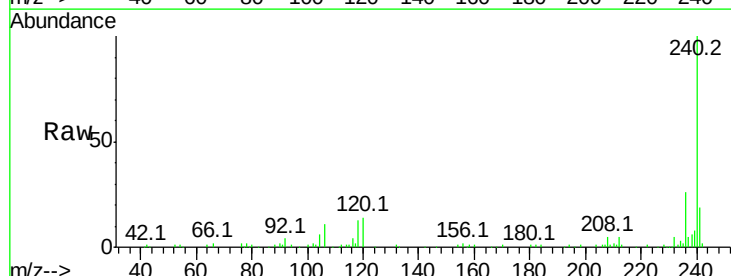


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

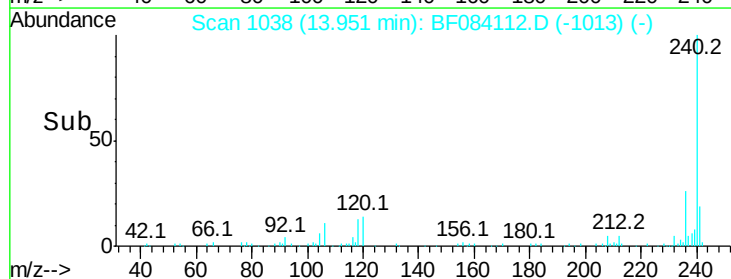
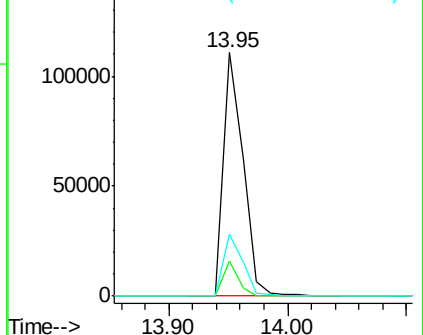


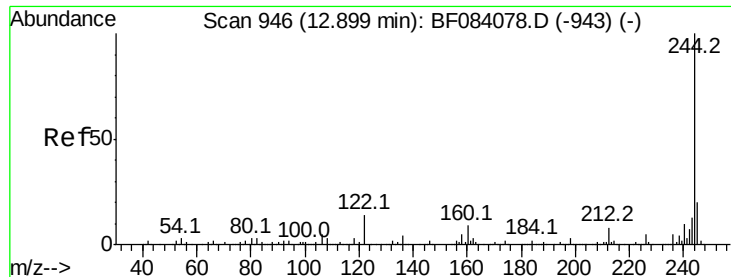
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084112.D
Acq: 25 Dec 2015 6:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	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

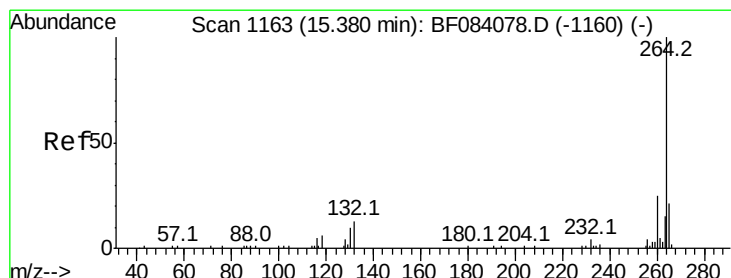
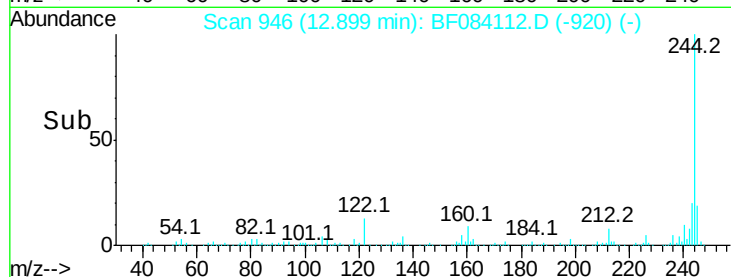
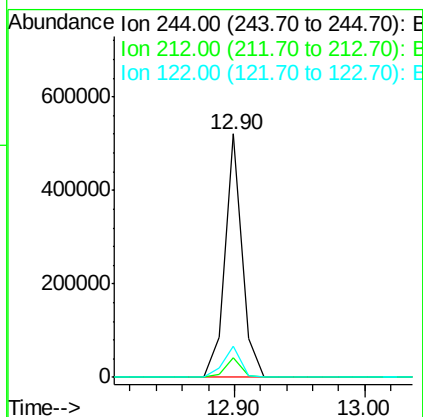
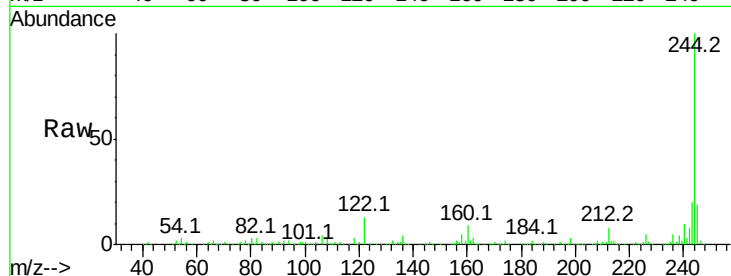




#78
 Terphenyl-d14
 Concen: 68.89 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-122215

Tot Ion:244 Resp: 475878
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 13.0 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: BF084112.D
 Acq: 25 Dec 2015 6:56

Tgt Ion:264 Resp: 97201
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.0 17.8 26.6

