

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084120.D
 Acq On : 25 Dec 2015 10:43
 Operator : UM/SJ
 Sample : G4951-13
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-122315

Quant Time: Dec 26 02:48:24 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	50663	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	191137	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	93442	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	158835	20.00	ng	0.00
75) Chrysene-d12	13.96	240	114892	20.00	ng	0.00
86) Perylene-d12	15.38	264	93151	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	171958	57.55	ng	0.00
7) Phenol-d6	6.45	99	132829	35.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	313588	96.03	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	119428	119.85	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	589476	86.32	ng	0.00
78) Terphenyl-d14	12.90	244	446996	70.40	ng	0.00

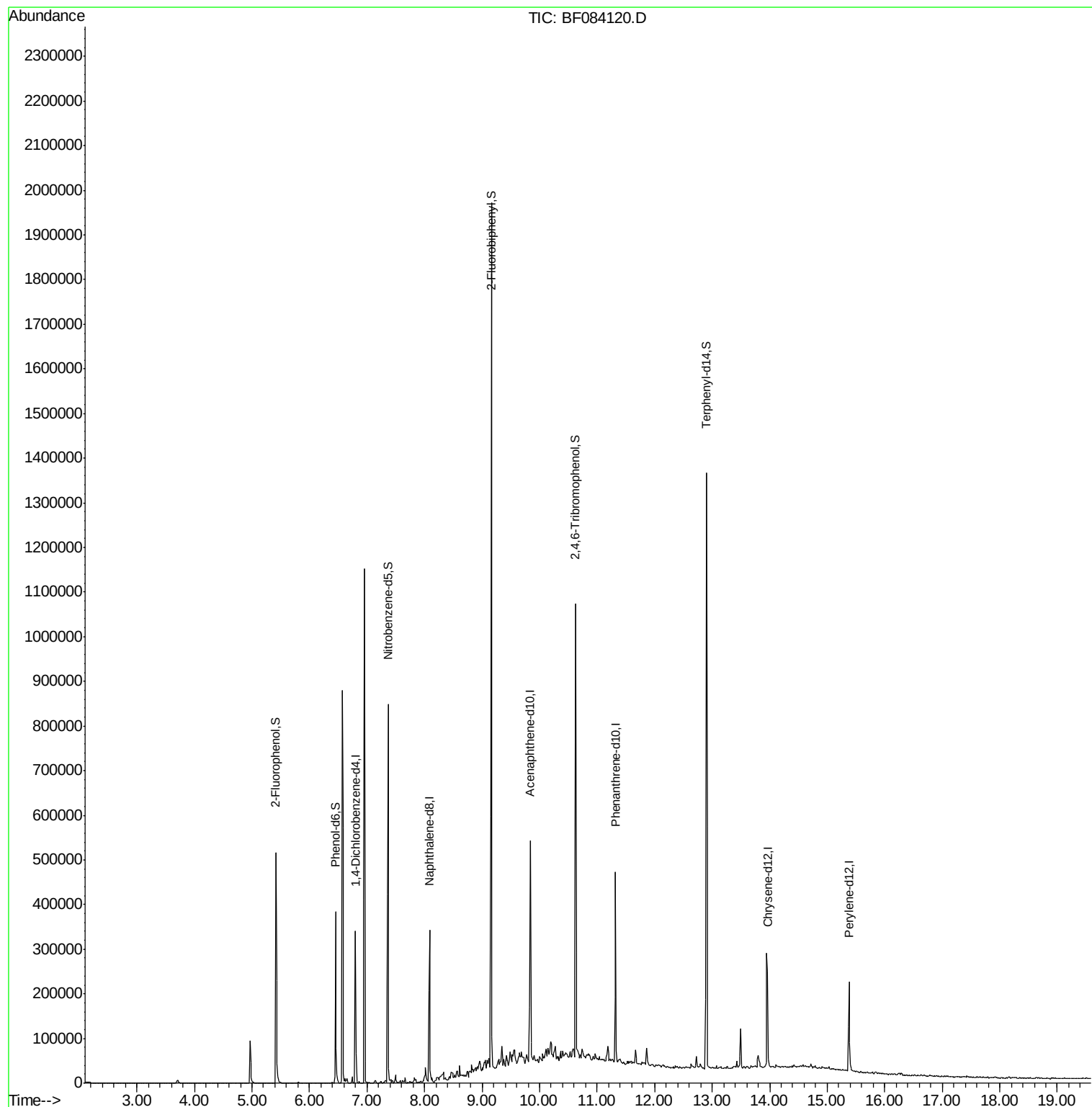
Target Compounds Qvalue

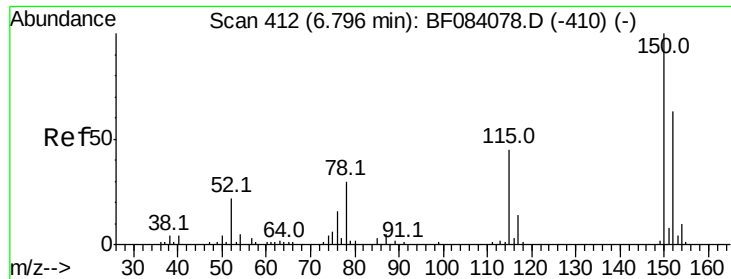
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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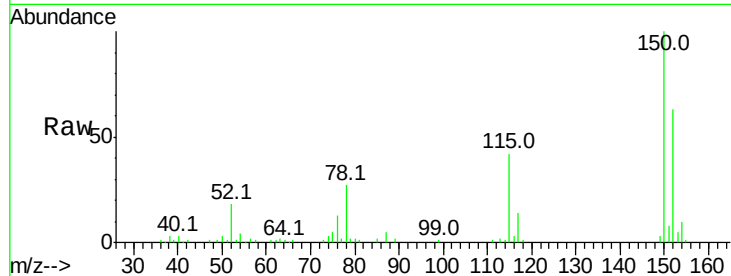


#1

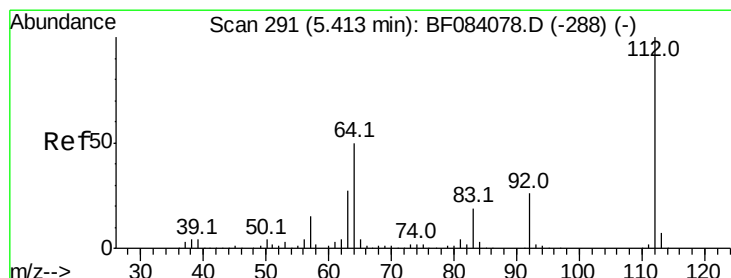
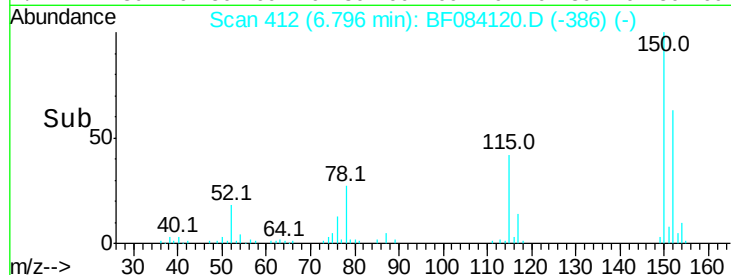
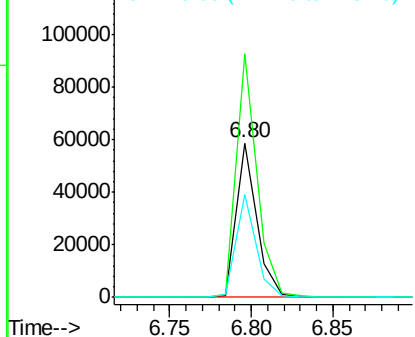
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF084120.D
Acq: 25 Dec 2015 10:43

Instrument :
BNA_F
ClientSampleId :
LIP-22-122315

Tot Ion:152 Resp: 50663
Ion Ratio Lower Upper
152 100
150 157.5 123.0 184.4
115 66.2 51.4 77.2



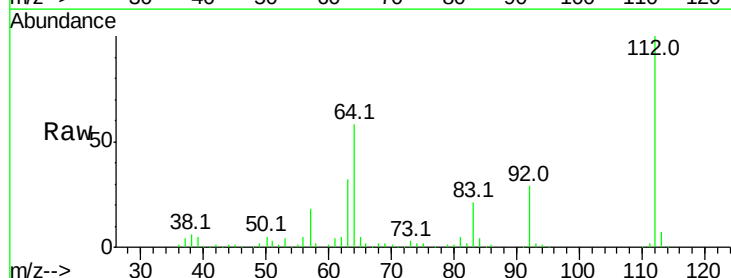
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



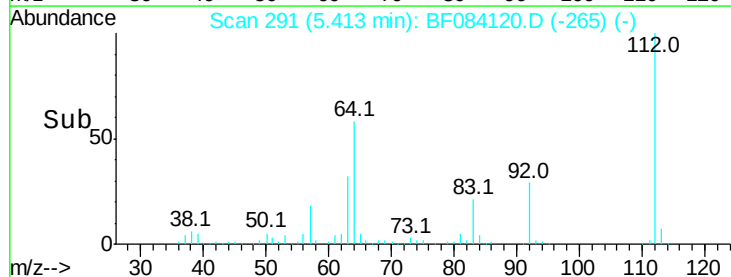
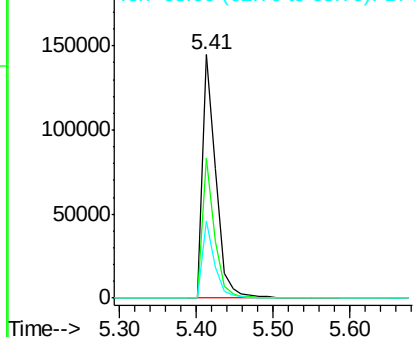
#5

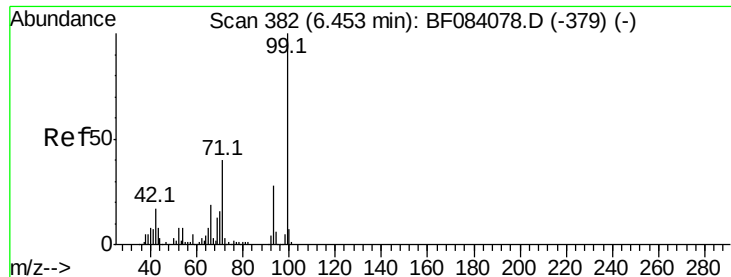
2-Fluorophenol
Concen: 57.55 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084120.D
Acq: 25 Dec 2015 10:43

Tgt Ion:112 Resp: 171958
Ion Ratio Lower Upper
112 100
64 57.7 36.6 55.0#
63 31.9 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: 35.92 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084120.D

Acq: 25 Dec 2015 10:43

Instrument :

BNA_F

ClientSampleId :

LIP-22-122315

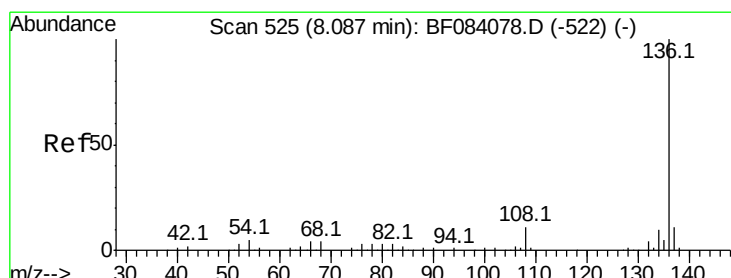
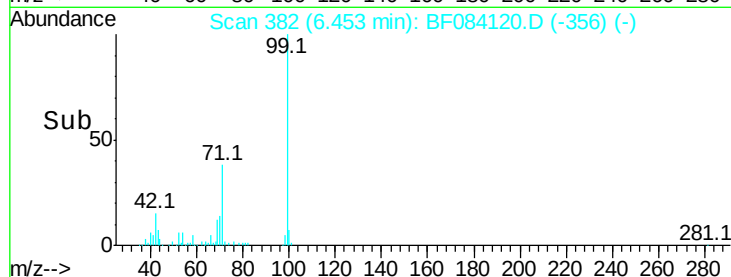
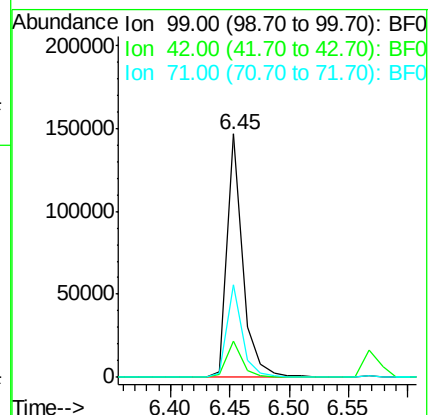
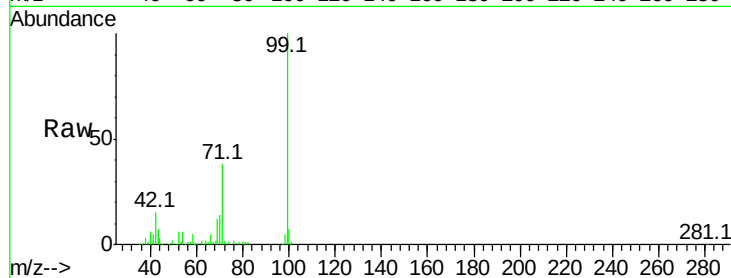
Tot Ion: 99 Resp: 132829

Ion Ratio Lower Upper

99 100

42 15.0 12.8 19.2

71 38.2 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: BF084120.D

Acq: 25 Dec 2015 10:43

Tgt Ion: 136 Resp: 191137

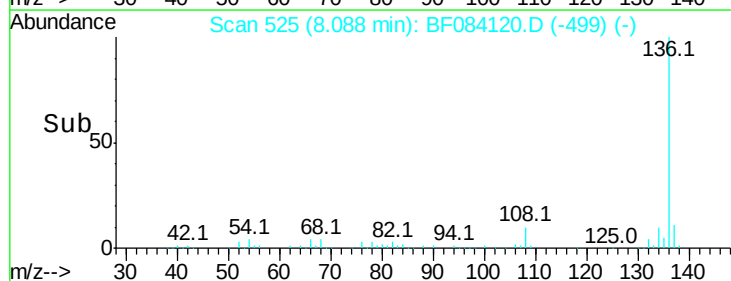
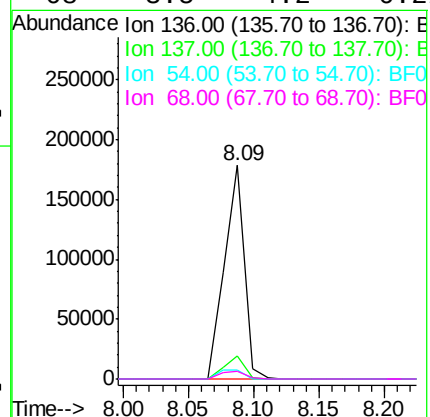
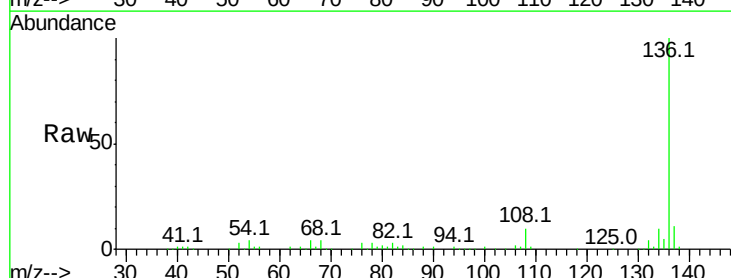
Ion Ratio Lower Upper

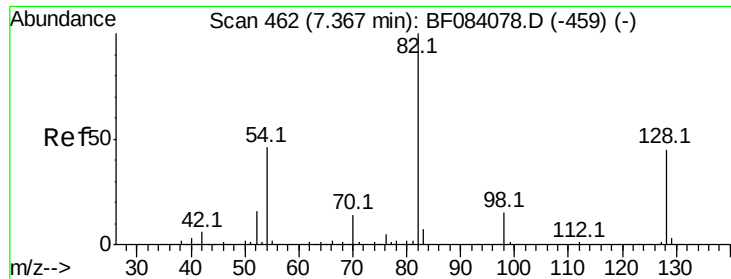
136 100

137 10.7 8.7 13.1

54 4.4 5.8 8.8#

68 3.5 4.2 6.2#

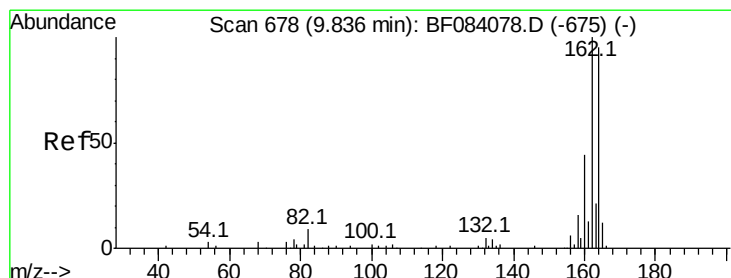
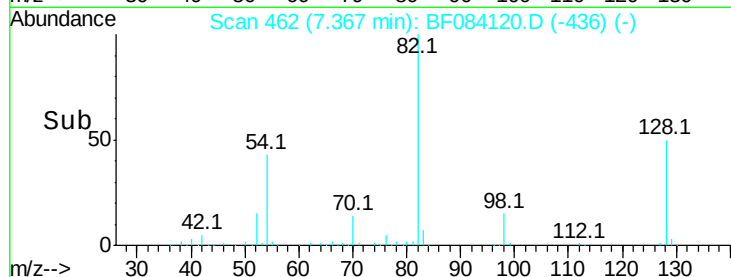
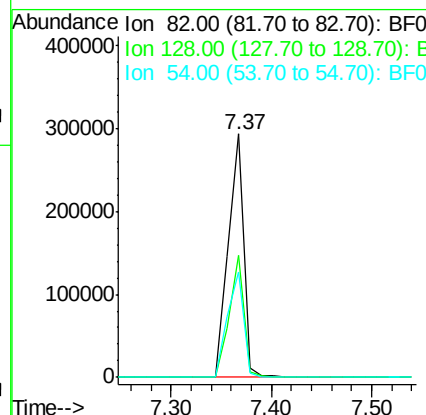
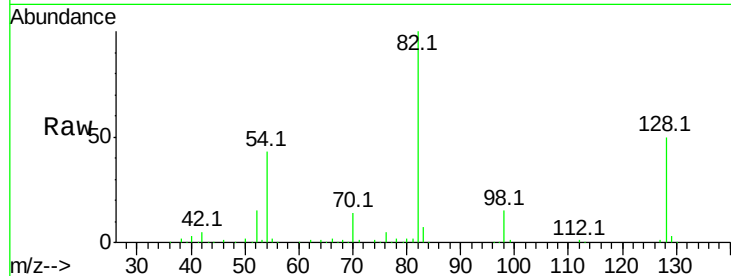




#23
 Nitrobenzene-d5
 Concen: 96.03 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084120.D
 Acq: 25 Dec 2015 10:43

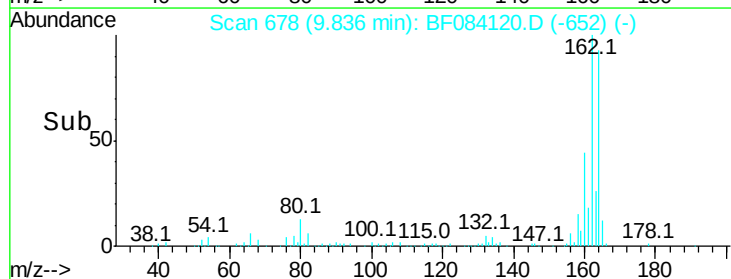
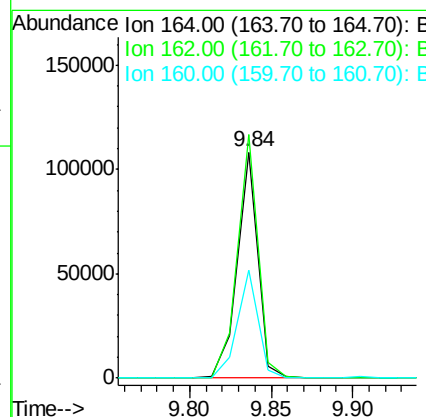
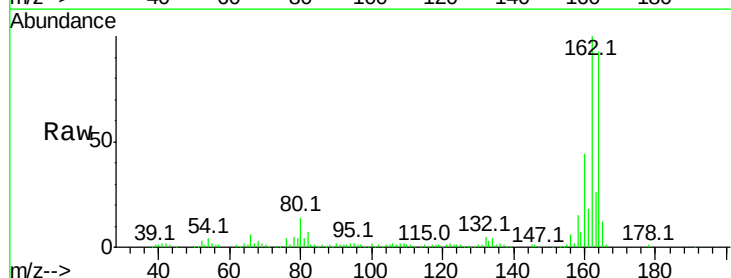
Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-122315

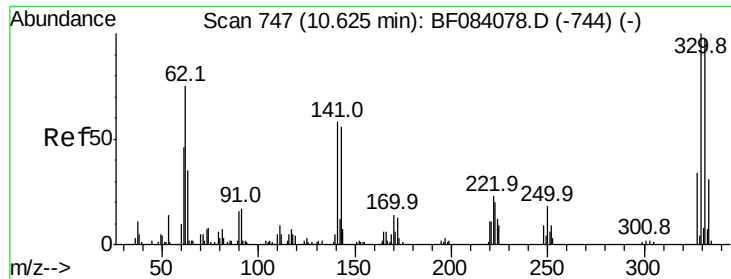
Tot Ion	82	Resp	313588
Ion Ratio	Lower	Upper	
82	100		
128	50.0	34.6	51.8
54	43.2	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084120.D
 Acq: 25 Dec 2015 10:43

Tgt Ion	164	Resp	93442
Ion Ratio	Lower	Upper	
164	100		
162	107.6	85.1	127.7
160	47.5	37.5	56.3

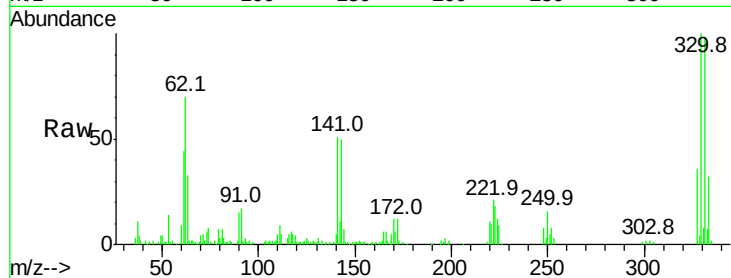




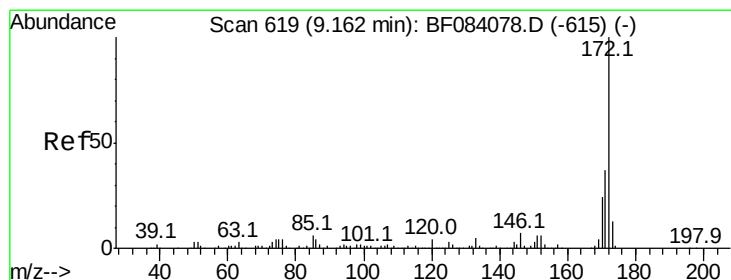
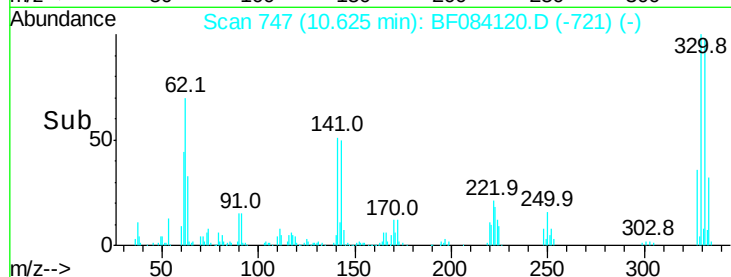
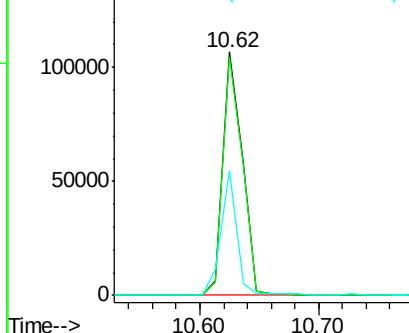
#41
 2,4,6-Tribromophenol
 Concen: 119.85 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084120.D
 Acq: 25 Dec 2015 10:43

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-122315

Tot Ion:330 Resp: 119428
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 43.5 27.8 41.6#

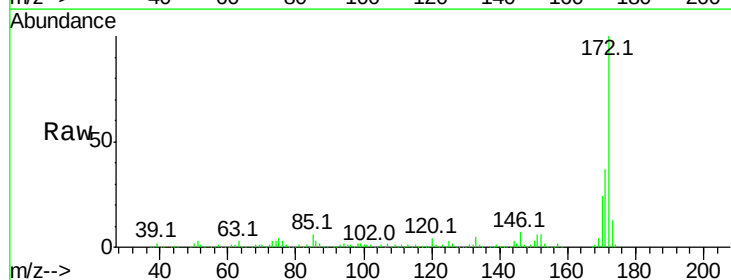


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

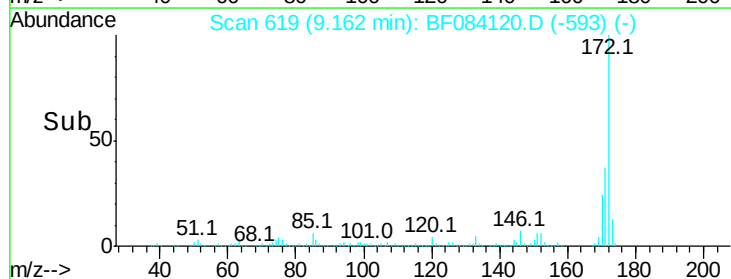
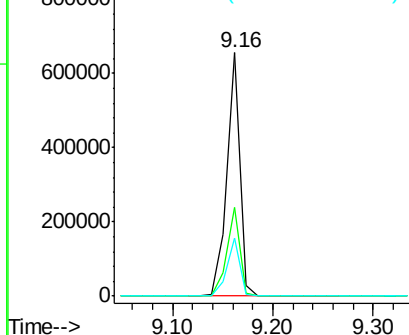


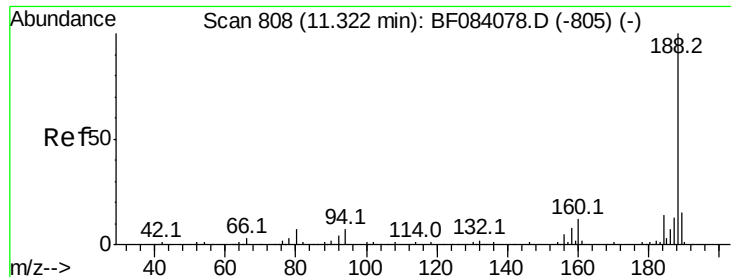
#44
 2-Fluorobiphenyl
 Concen: 86.32 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084120.D
 Acq: 25 Dec 2015 10:43

Tgt Ion:172 Resp: 589476
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

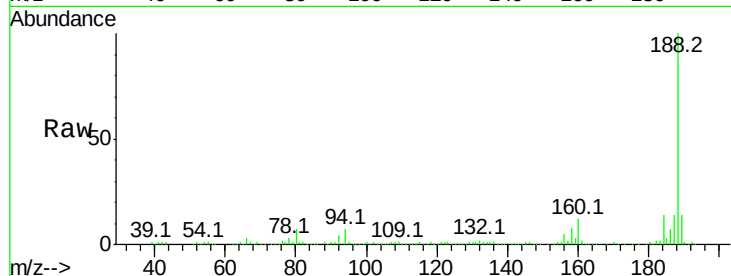




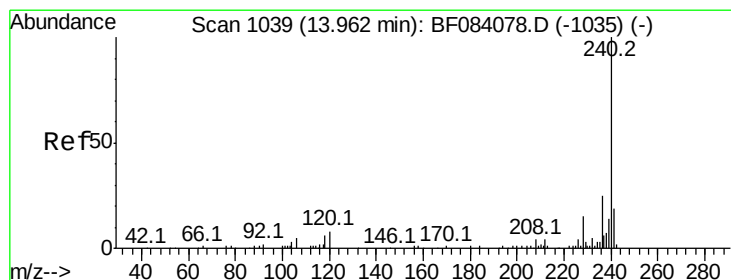
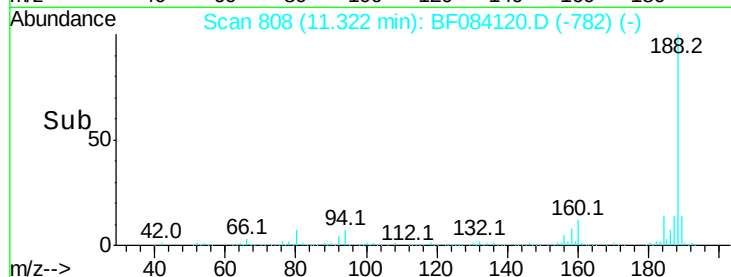
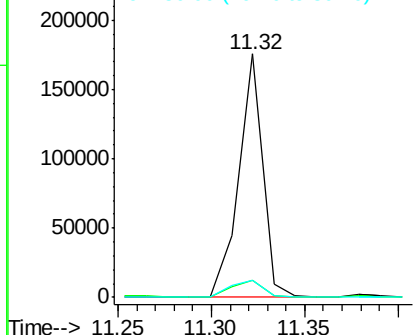
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084120.D
Acq: 25 Dec 2015 10:43

Instrument :
BNA_F
ClientSampleId :
LIP-22-122315

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.0	13.4#
80	7.0	9.6	14.4#

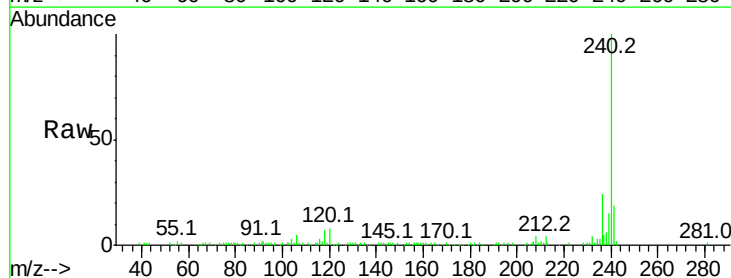


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

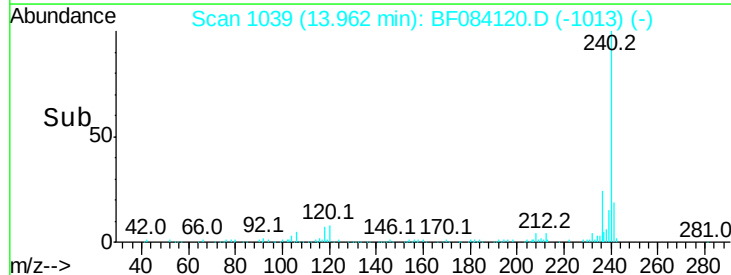
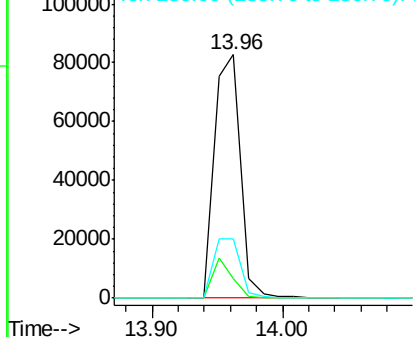


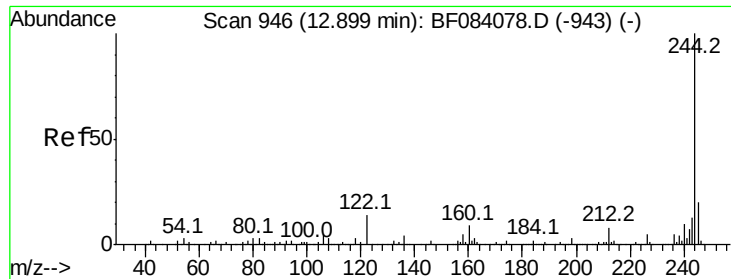
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF084120.D
Acq: 25 Dec 2015 10:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	9.5	14.3#
236	24.2	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

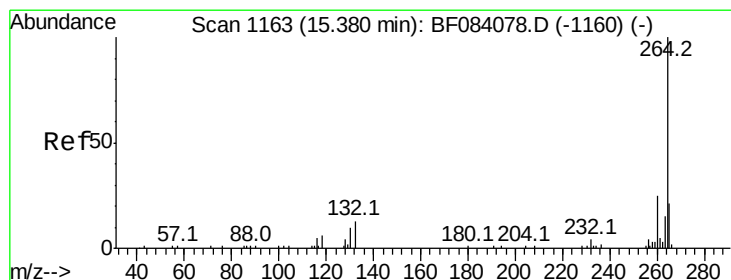
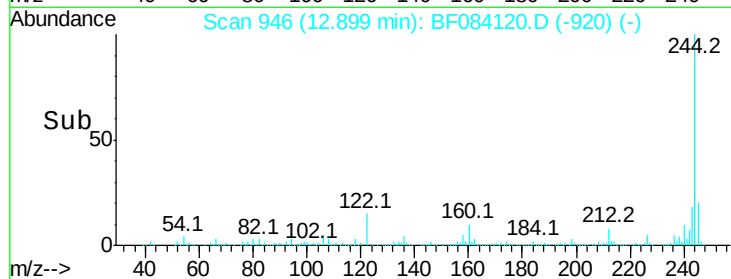
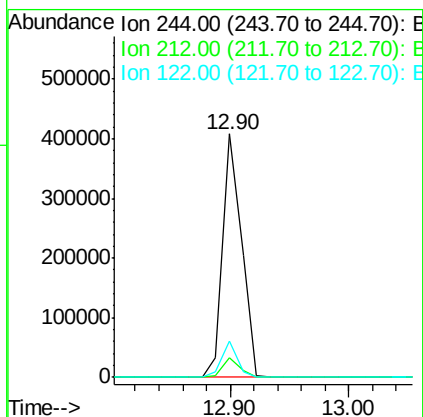
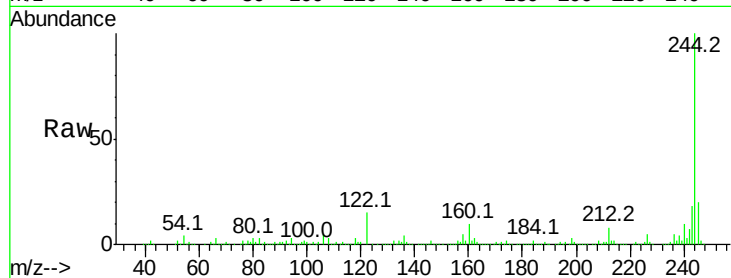




#78
 Terphenyl-d14
 Concen: 70.40 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084120.D
 Acq: 25 Dec 2015 10:43

Instrument :
 BNA_F
 ClientSampleID :
 LIP-22-122315

Tot Ion:244 Resp: 446996
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 14.7 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: BF084120.D
 Acq: 25 Dec 2015 10:43

Tgt Ion:264 Resp: 93151
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.0 17.8 26.6

