

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020116\
 Data File : BF084716.D
 Acq On : 1 Feb 2016 18:28
 Operator : SJ/IZ
 Sample : H1283-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0537

Quant Time: Feb 02 01:00:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	161062	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	685678	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	311390	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	601020	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	447811	20.00	ng	-0.01
86) Perylene-d12	15.24	264	321216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	711787	68.84	ng	-0.01
7) Phenol-d6	6.35	99	533197	41.59	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1181126	97.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	493718	152.00	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	2028387	138.99	ng	-0.01
78) Terphenyl-d14	12.82	244	1651090	83.55	ng	-0.01

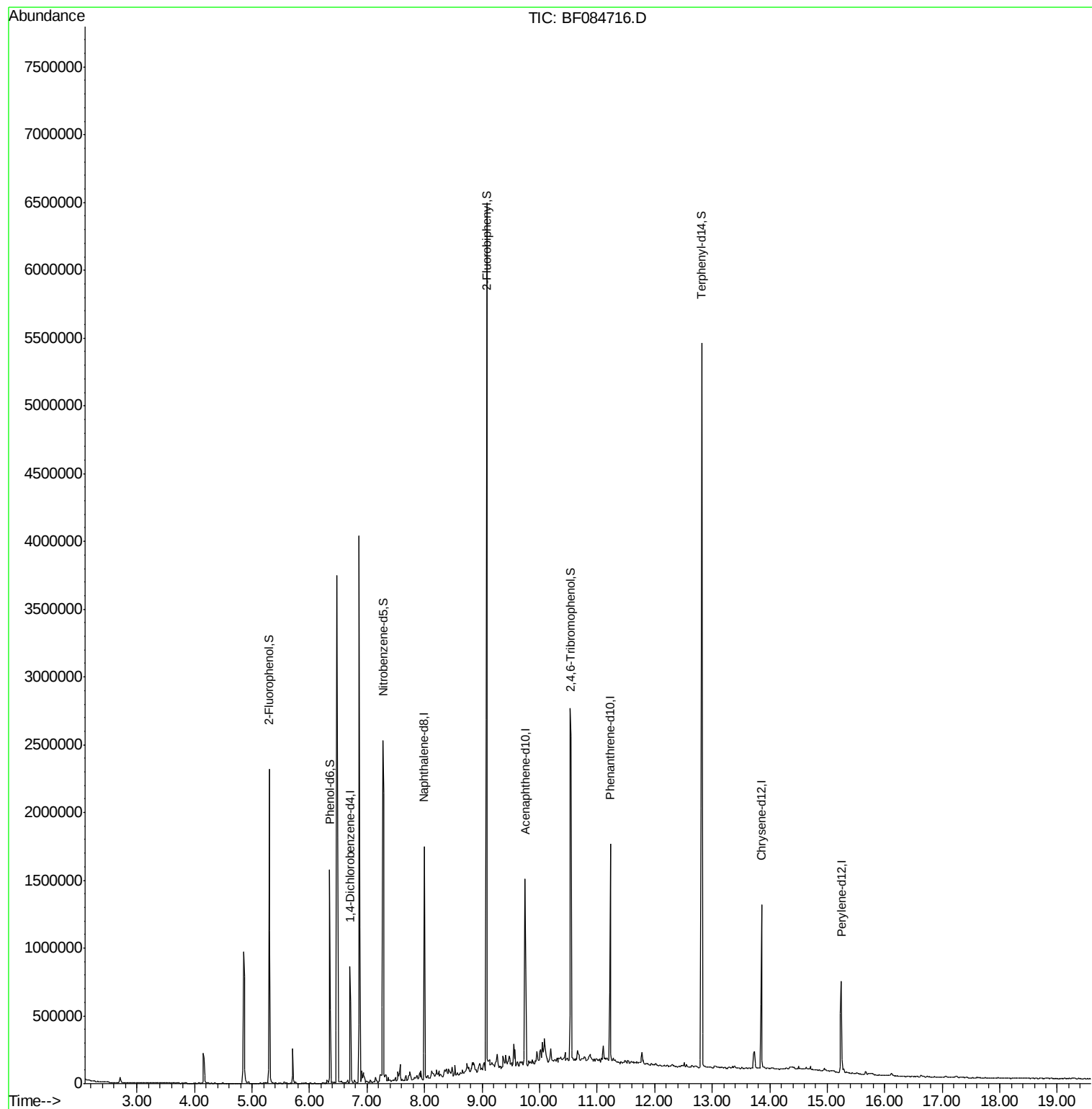
Target Compounds Qvalue

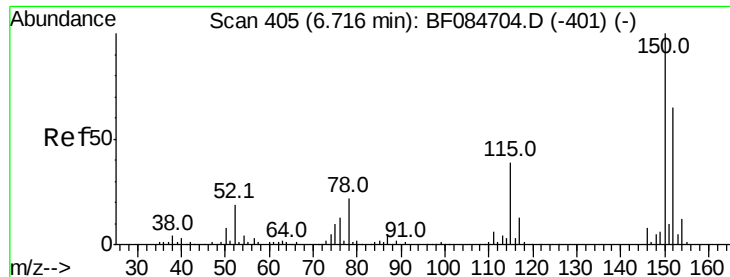
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Instrument :

BNA_F

ClientSampleId :

S8-0537

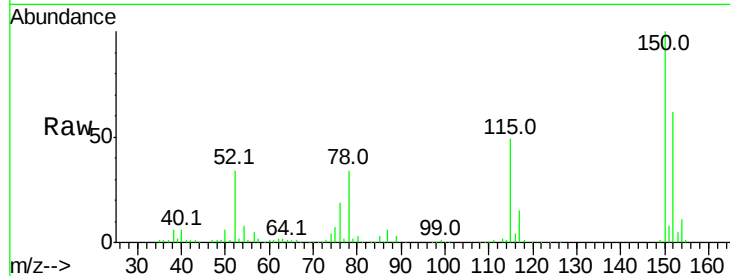
Tot Ion:152 Resp: 161062

Ion Ratio Lower Upper

152 100

150 161.4 123.0 184.4

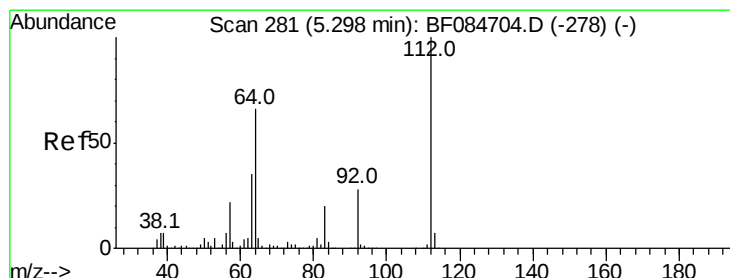
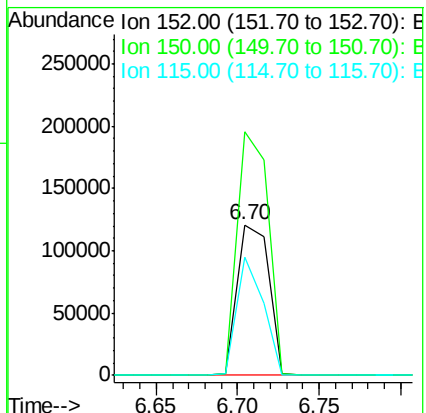
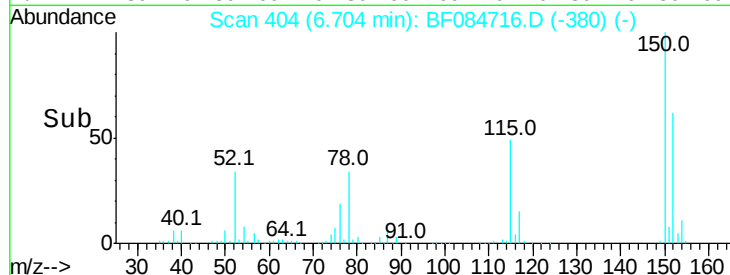
115 78.6 51.4 77.2#



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: 68.84 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

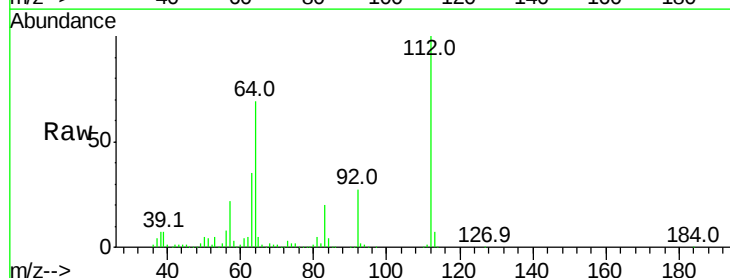
Tgt Ion:112 Resp: 711787

Ion Ratio Lower Upper

112 100

64 68.7 36.6 55.0#

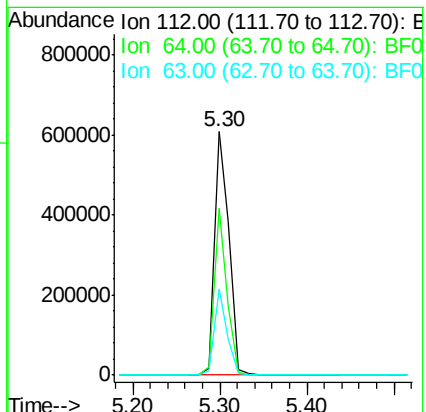
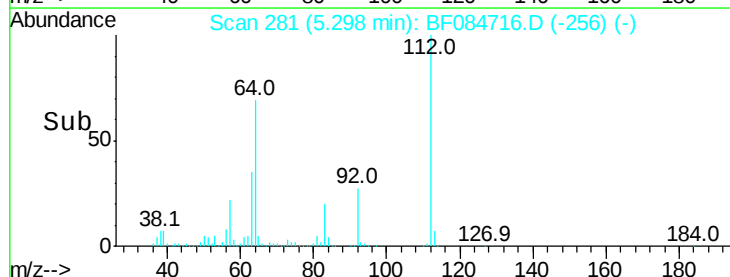
63 35.4 19.4 29.0#

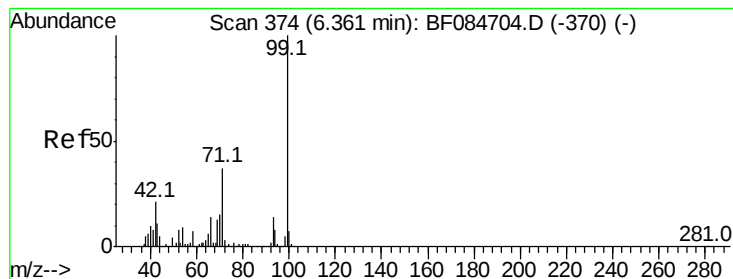


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.59 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Instrument :

BNA_F

ClientSampleId :

S8-0537

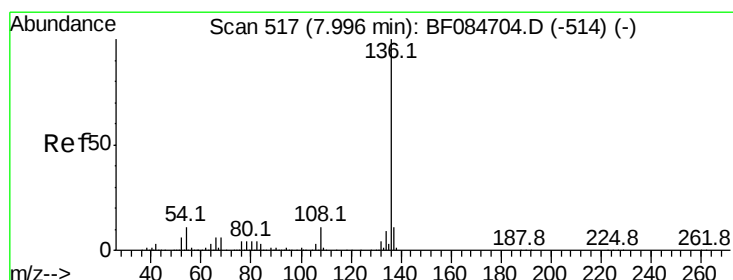
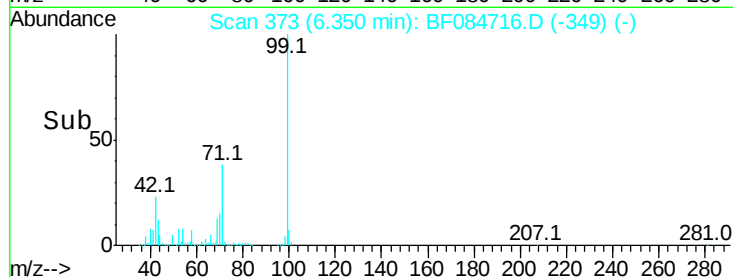
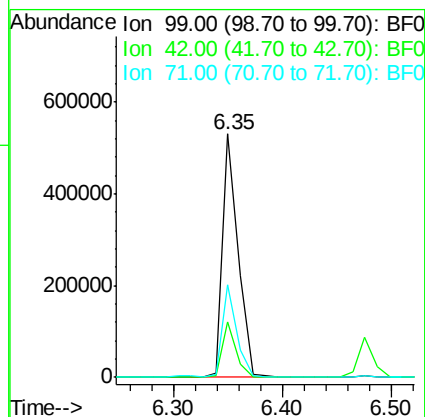
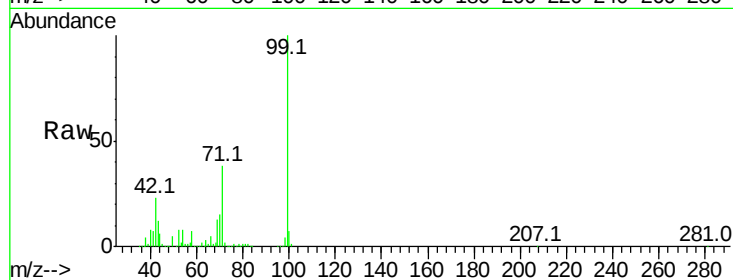
Tot Ion: 99 Resp: 533197

Ion Ratio Lower Upper

99 100

42 23.0 12.8 19.2#

71 38.2 30.9 46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Tgt Ion: 136 Resp: 685678

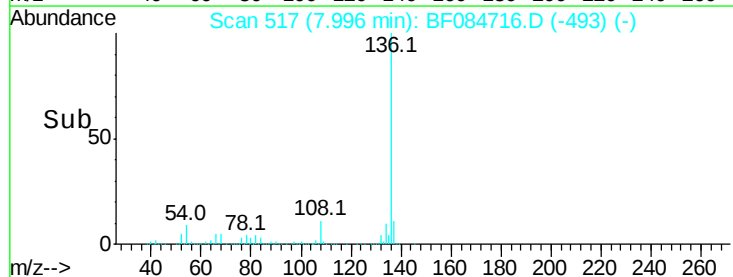
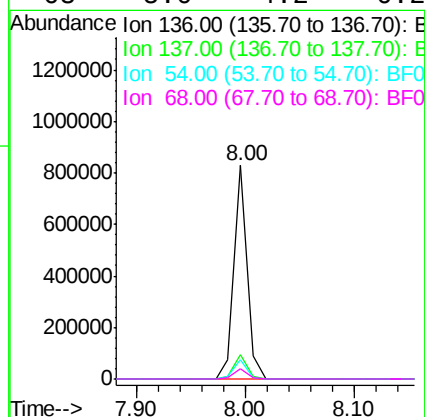
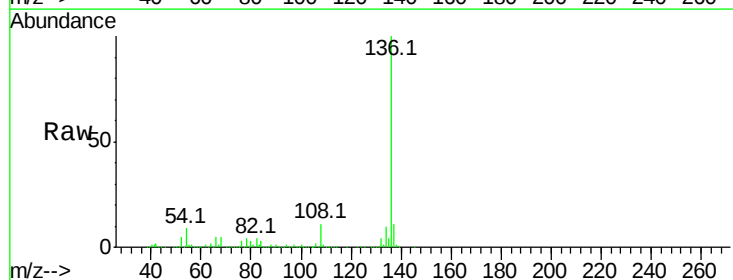
Ion Ratio Lower Upper

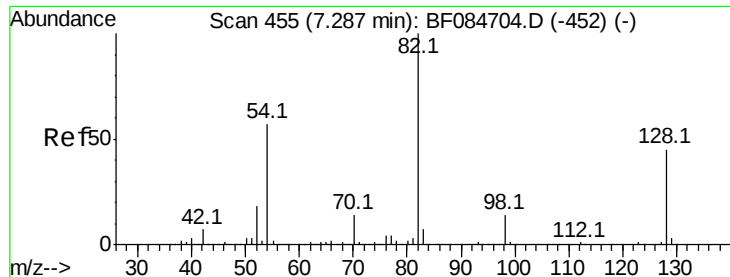
136 100

137 11.5 8.7 13.1

54 9.3 5.8 8.8#

68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 97.04 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Instrument :

BNA_F

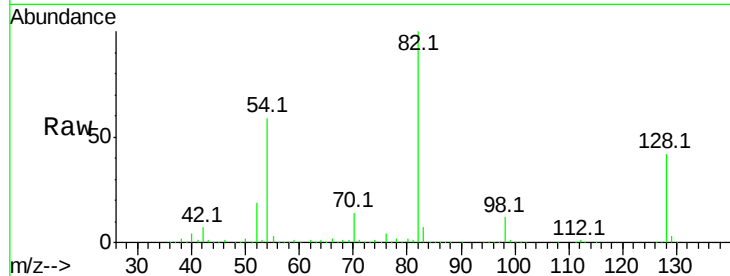
ClientSampleId :

S8-0537

Tot Ion: 82 Resp: 1181126

Ion Ratio Lower Upper

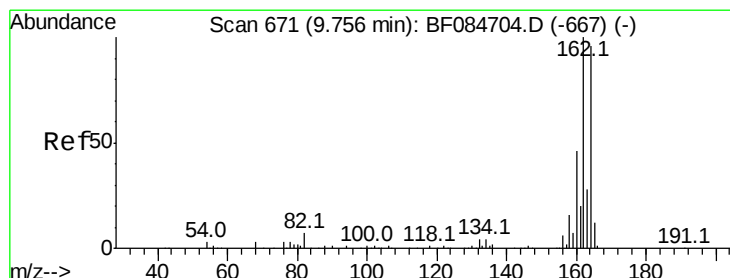
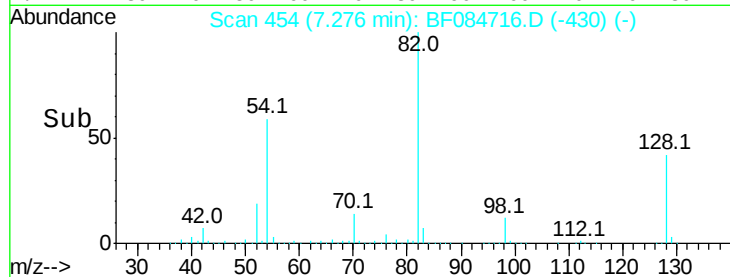
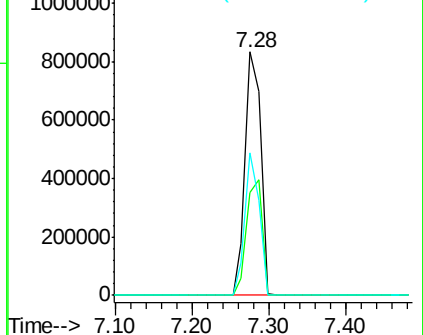
82	100		
128	42.1	34.6	51.8
54	58.6	38.4	57.6



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: 9.74 min Scan# 670

Delta R.T. -0.02 min

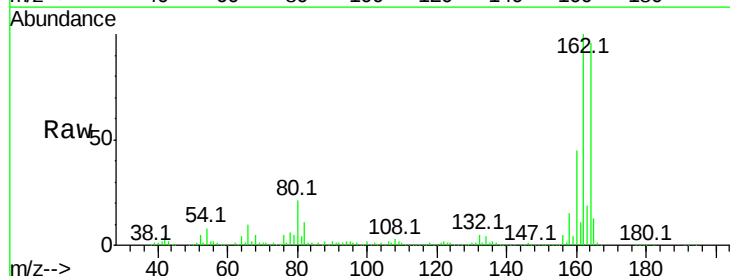
Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Tgt Ion:164 Resp: 311390

Ion Ratio Lower Upper

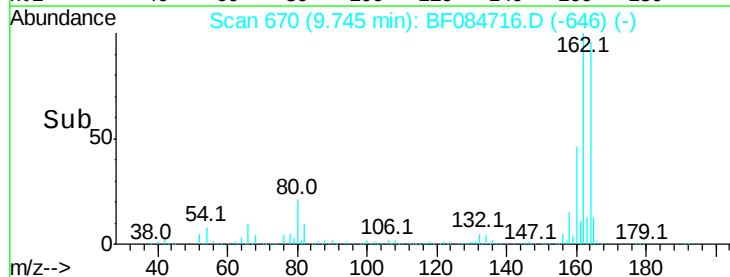
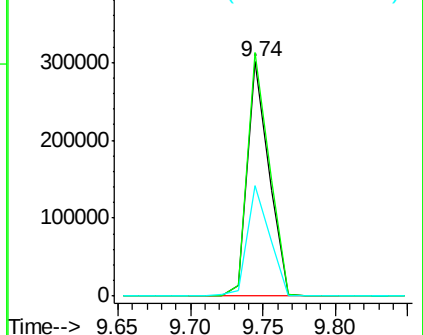
164	100		
162	104.0	85.1	127.7
160	47.3	37.5	56.3

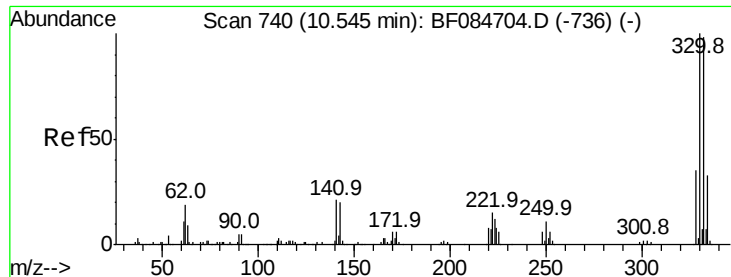


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

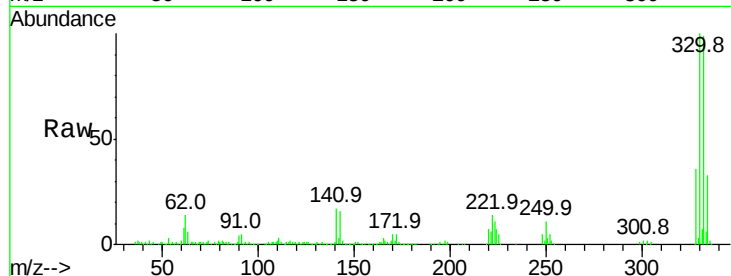




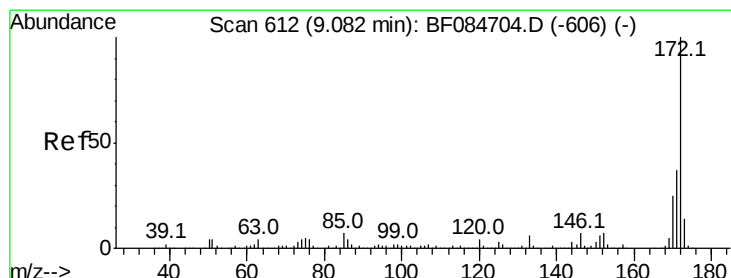
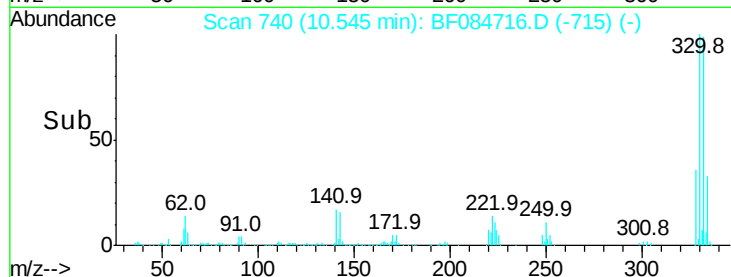
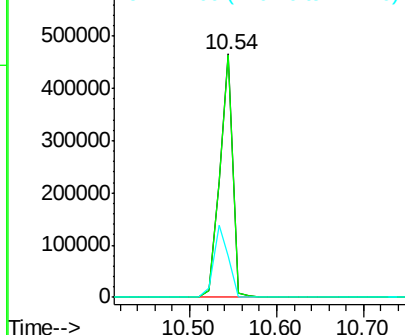
#41
 2,4,6-Tribromophenol
 Concen: 152.00 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF084716.D
 Acq: 1 Feb 2016 18:28

Instrument :
 BNA_F
 ClientSampleId :
 S8-0537

Tot Ion:330 Resp: 493718
 Ion Ratio Lower Upper
 330 100
 332 99.4 76.6 114.8
 141 33.1 27.8 41.6

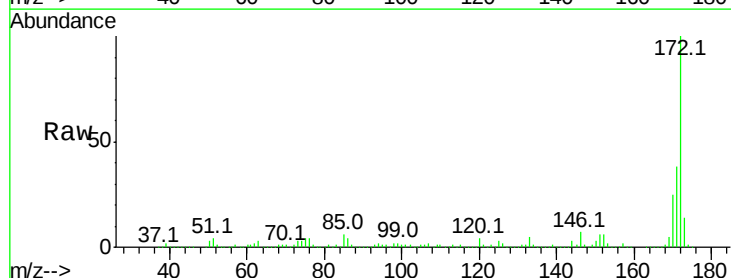


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

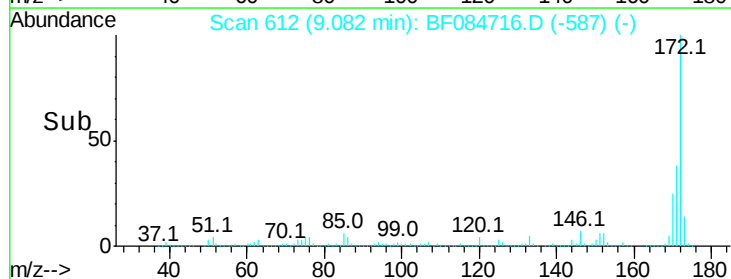
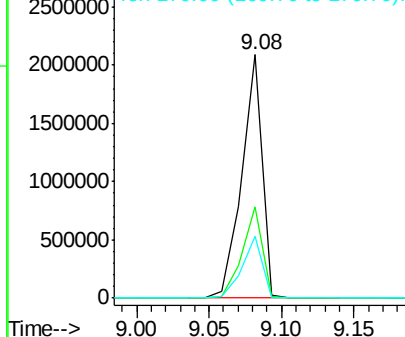


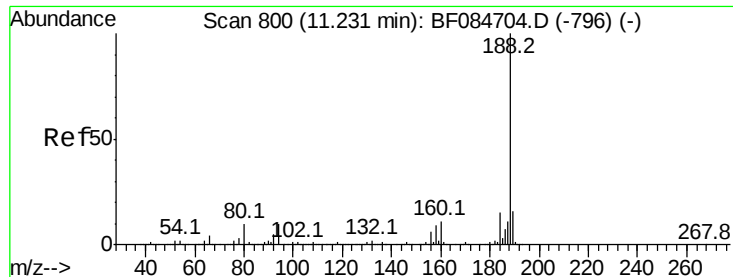
#44
 2-Fluorobiphenyl
 Concen: 138.99 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF084716.D
 Acq: 1 Feb 2016 18:28

Tgt Ion:172 Resp: 2028387
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.9 43.3
 170 25.2 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

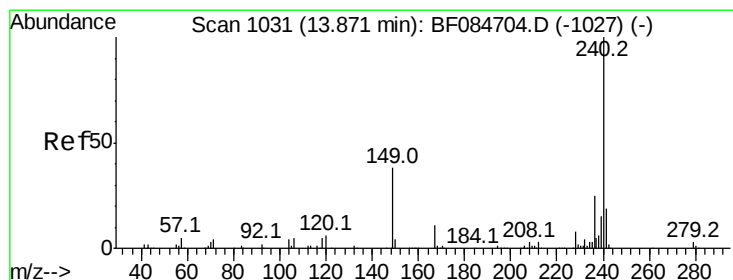
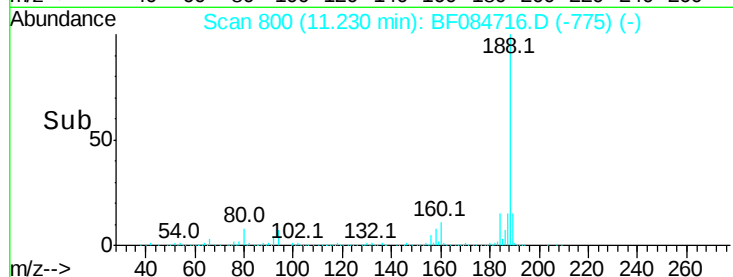
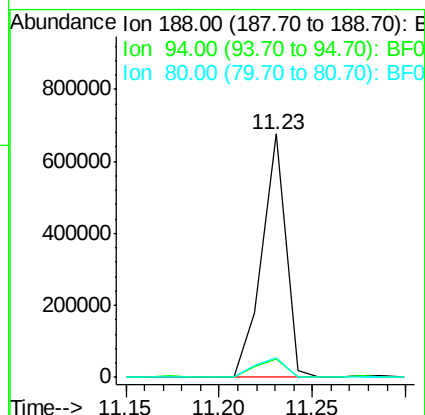
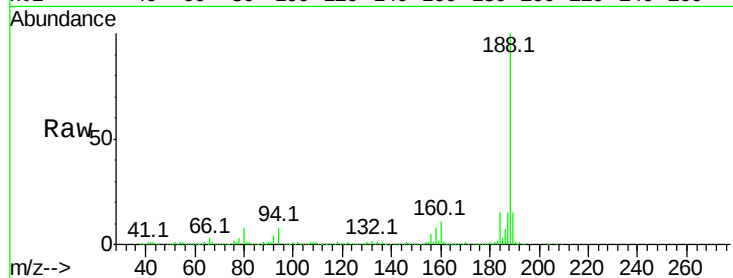




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084716.D
Acq: 1 Feb 2016 18:28

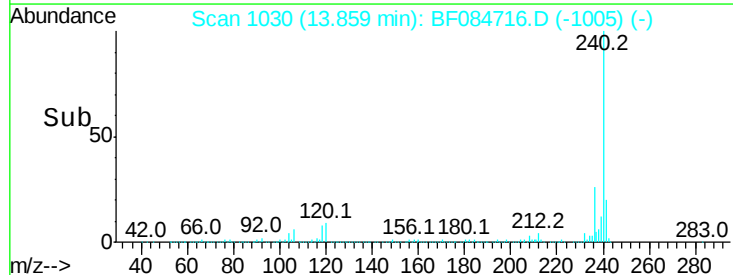
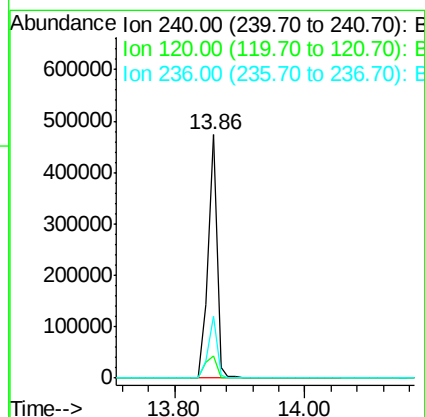
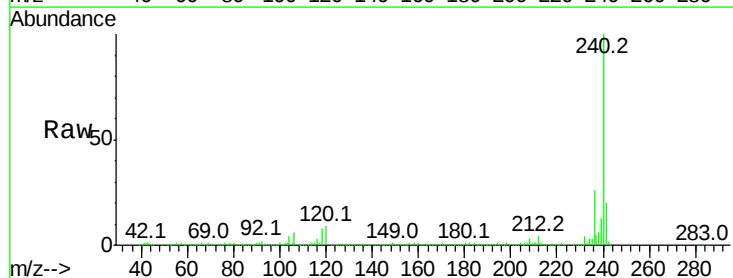
Instrument :
BNA_F
ClientSampleId :
S8-0537

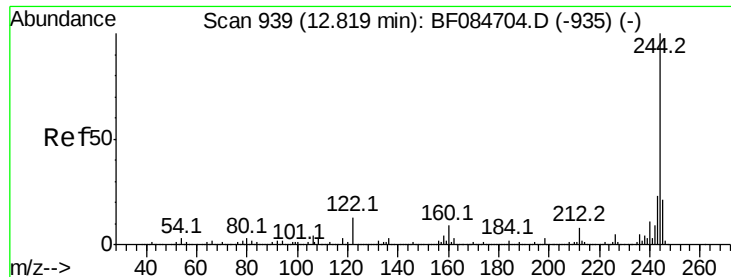
Tot Ion:188 Resp: 601020
Ion Ratio Lower Upper
188 100
94 7.5 9.0 13.4#
80 8.0 9.6 14.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084716.D
Acq: 1 Feb 2016 18:28

Tgt Ion:240 Resp: 447811
Ion Ratio Lower Upper
240 100
120 8.9 9.5 14.3#
236 25.5 20.6 31.0





#78

Terphenyl-d14

Concen: 83.55 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

Instrument :

BNA_F

ClientSampleId :

S8-0537

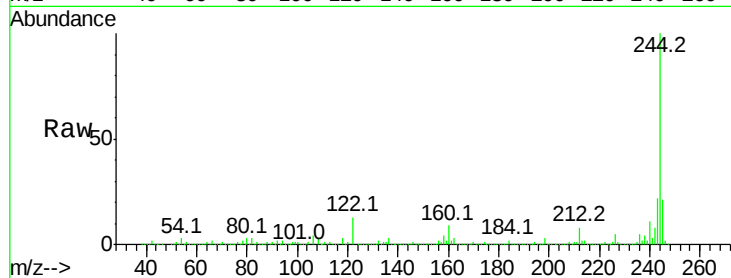
Tot Ion:244 Resp: 1651090

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

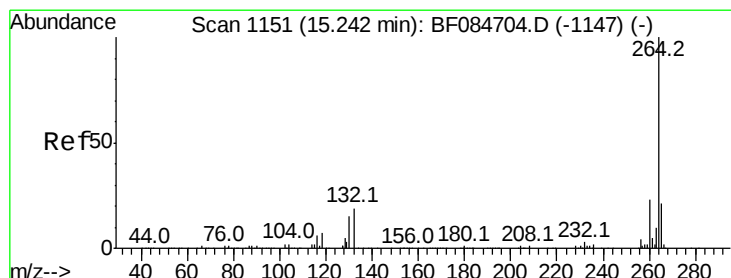
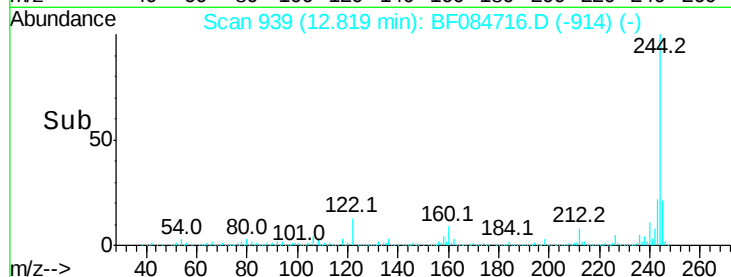
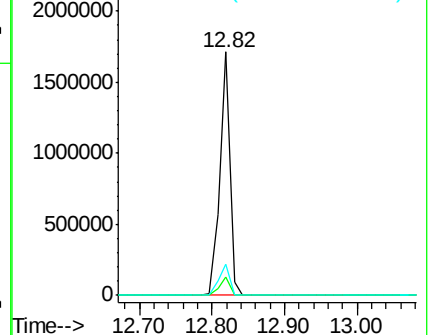
122 12.8 7.4 11.0#



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: 15.24 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF084716.D

Acq: 1 Feb 2016 18:28

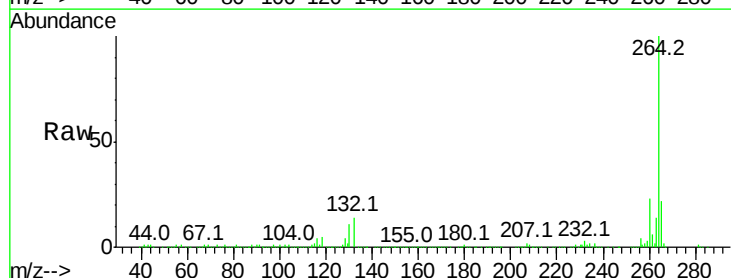
Tgt Ion:264 Resp: 321216

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

265 22.4 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

