

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086022.D
 Acq On : 2 Apr 2016 20:11
 Operator : UM/SJ
 Sample : H2079-04
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-EB-3

Quant Time: Apr 04 03:34:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112248	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	427570	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	195431	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	352142	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	241444	20.00	ng	0.00
86) Perylene-d12	15.33	264	214548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	804198	122.46	ng	0.01
7) Phenol-d6	6.42	99	885720	106.19	ng	0.00
23) Nitrobenzene-d5	7.34	82	785647	108.36	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	281875	153.67	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1295551	110.22	ng	0.00
78) Terphenyl-d14	12.88	244	1024232	99.72	ng	0.00

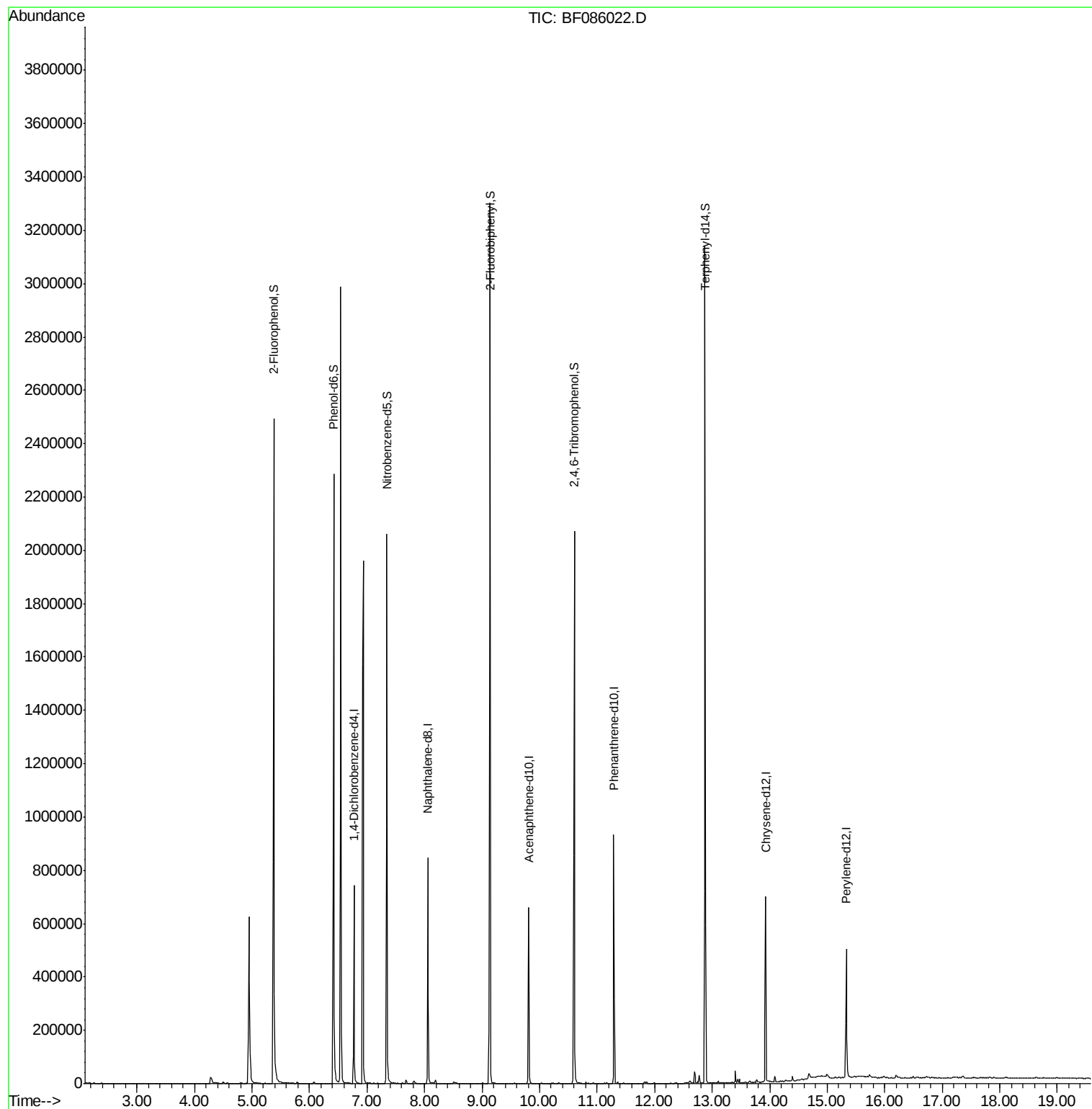
Target Compounds Qvalue

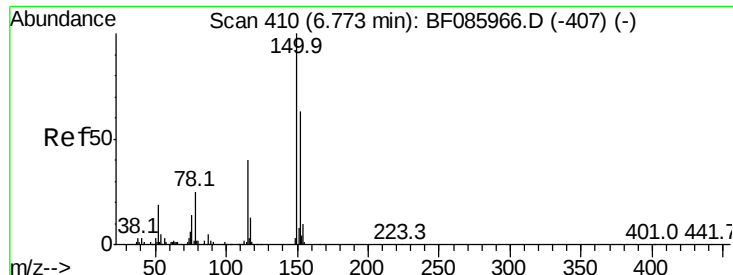
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF086022.D

Acq: 2 Apr 2016 20:11

Instrument :

BNA_F

ClientSampled :

DB-EB-3

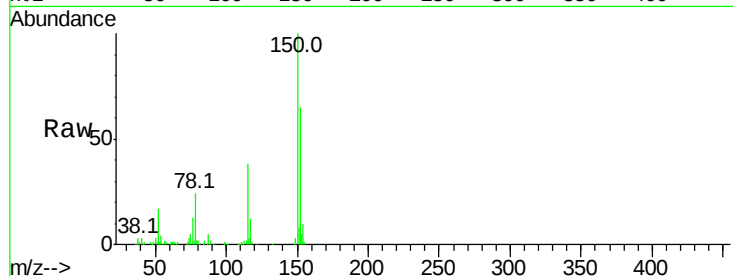
Tot Ion:152 Resp: 112248

Ion Ratio Lower Upper

152 100

150 154.7 124.2 186.2

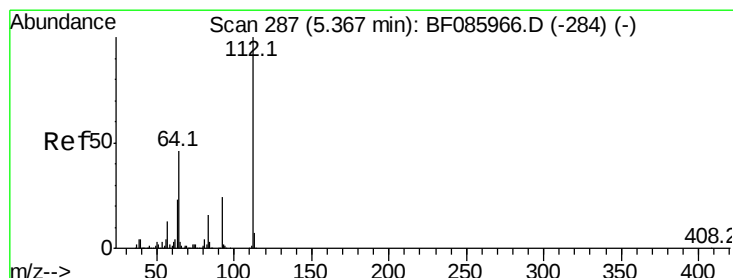
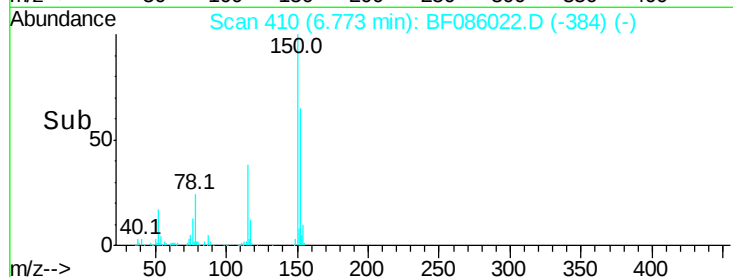
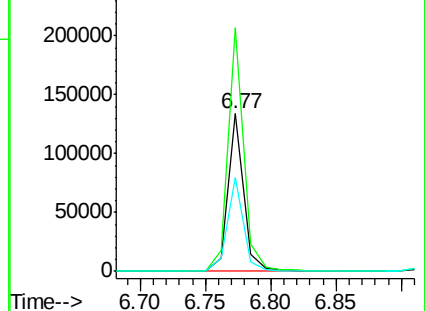
115 59.5 47.0 70.6



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: 122.46 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF086022.D

Acq: 2 Apr 2016 20:11

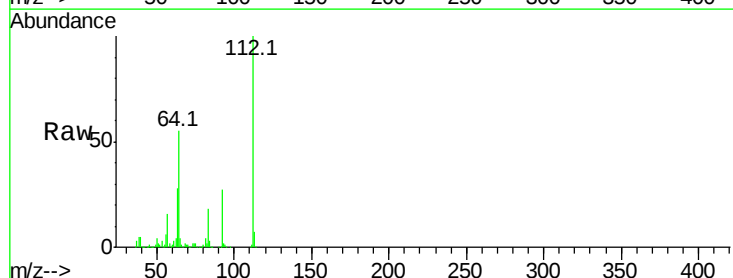
Tgt Ion:112 Resp: 804198

Ion Ratio Lower Upper

112 100

64 54.7 39.9 59.9

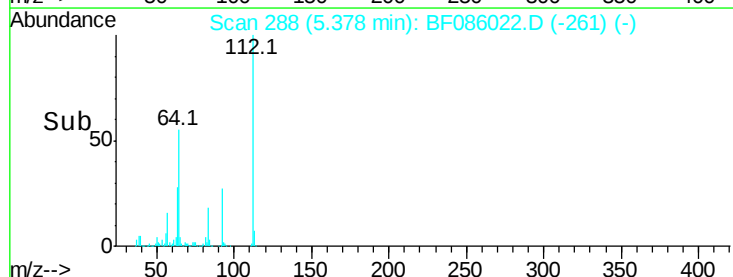
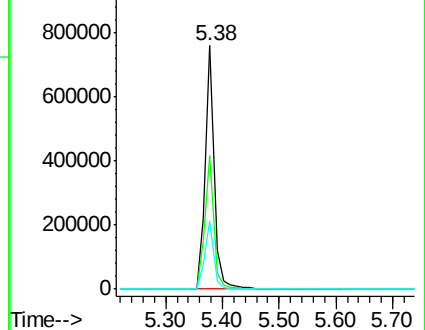
63 27.9 20.2 30.2

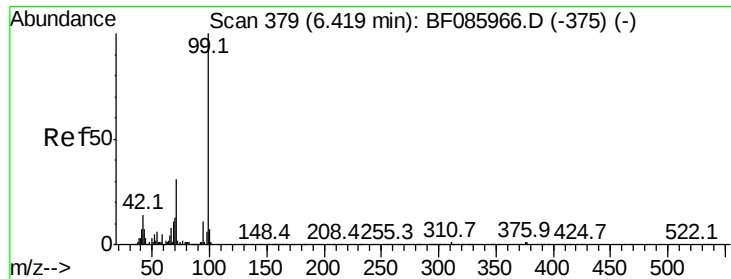


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.19 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086022.D

Acq: 2 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

DB-EB-3

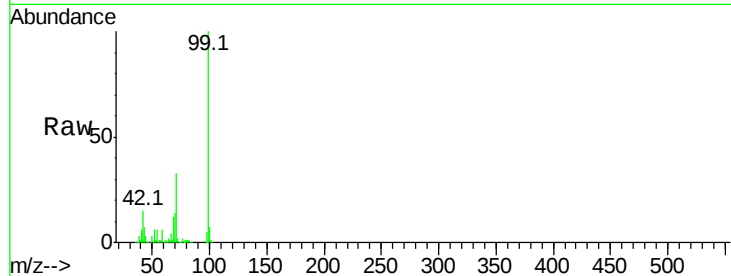
Tot Ion: 99 Resp: 885720

Ion Ratio Lower Upper

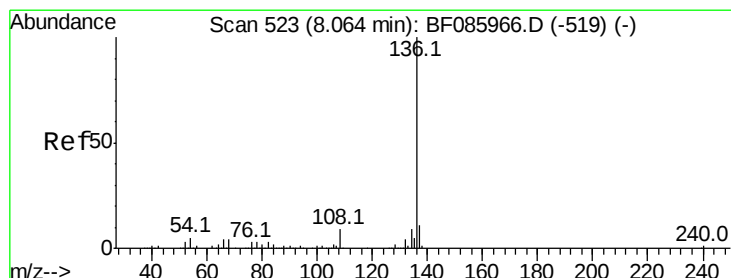
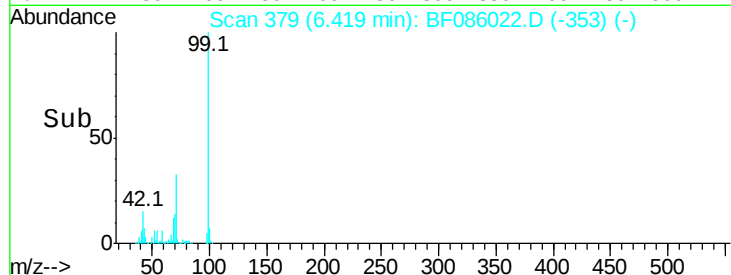
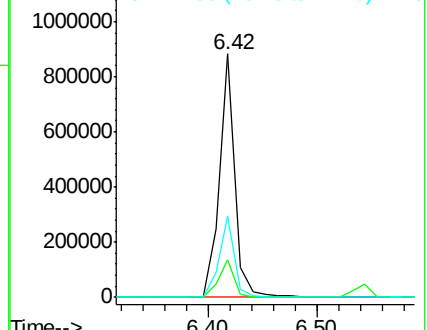
99 100

42 15.2 11.1 16.7

71 33.2 24.9 37.3



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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF086022.D

Acq: 2 Apr 2016 20:11

Tgt Ion: 136 Resp: 427570

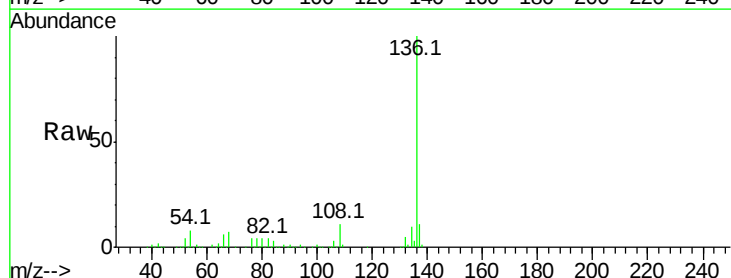
Ion Ratio Lower Upper

136 100

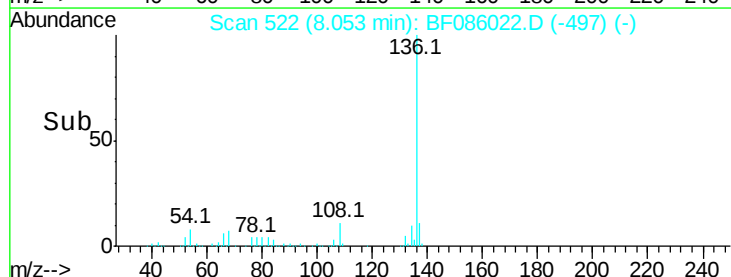
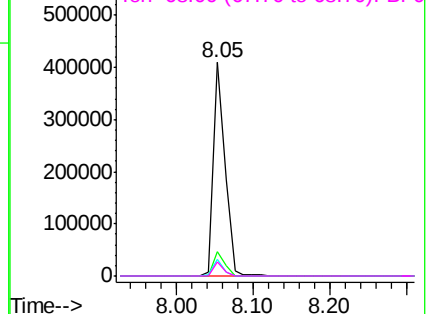
137 11.4 9.1 13.7

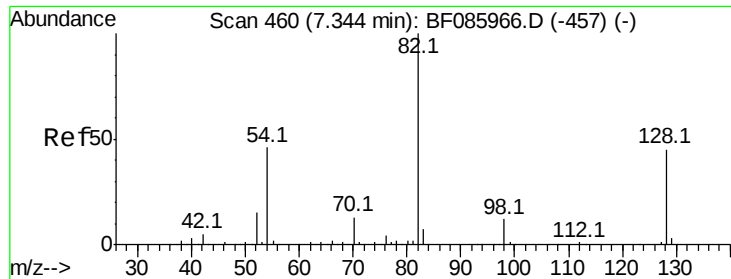
54 8.1 7.4 11.0

68 6.6 5.8 8.8



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

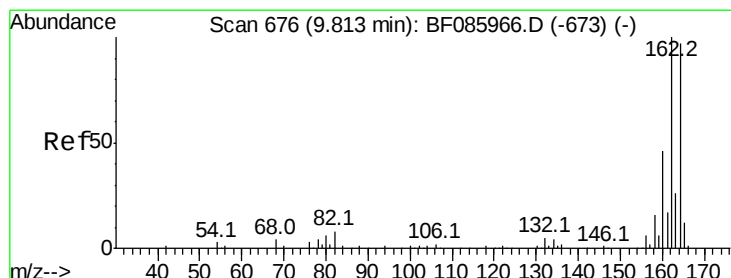
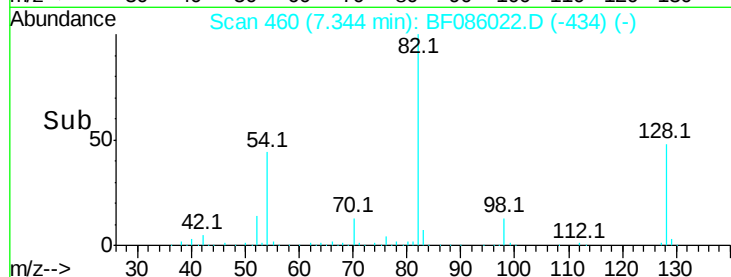
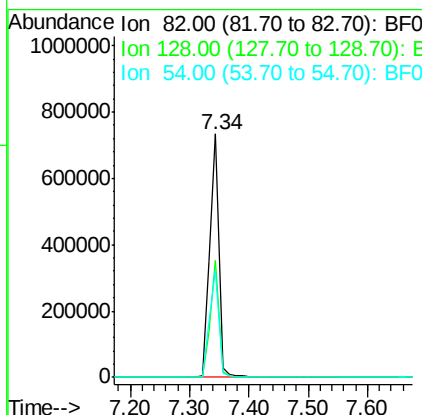
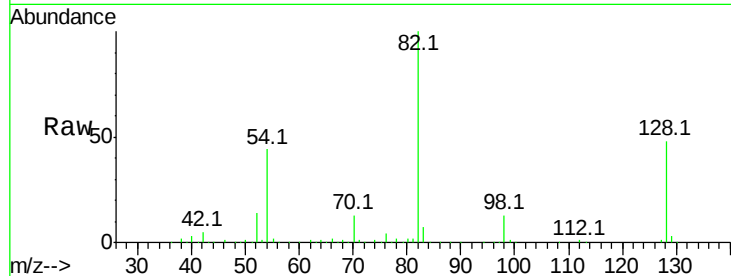




#23
 Nitrobenzene-d5
 Concen: 108.36 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF086022.D
 Acq: 2 Apr 2016 20:11

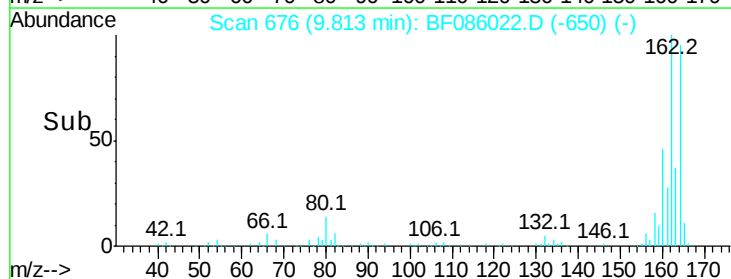
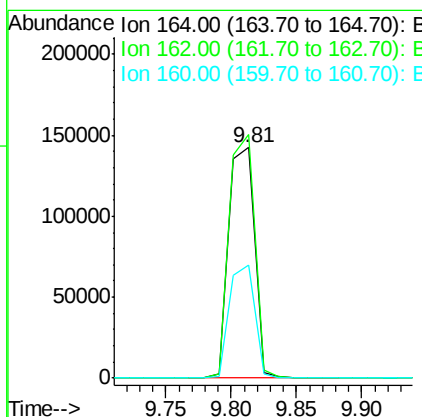
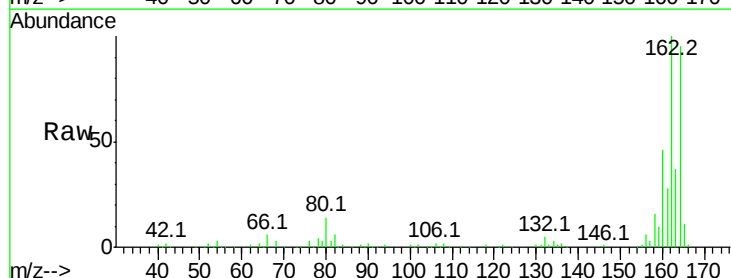
Instrument :
 BNA_F
 ClientSampleID :
 DB-EB-3

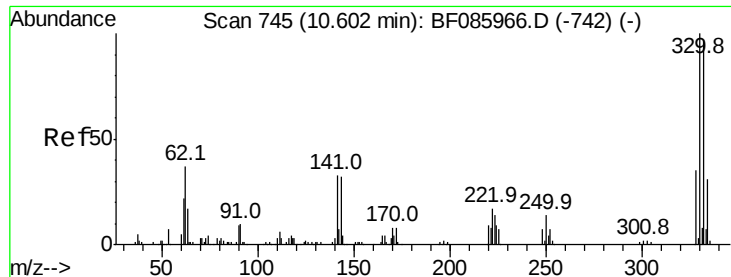
Tot Ion	82	Resp	785647
Ion Ratio	100	Lower	Upper
128	48.0	41.8	62.8
54	44.0	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086022.D
 Acq: 2 Apr 2016 20:11

Tgt Ion	164	Resp	195431
Ion Ratio	100	Lower	Upper
162	105.7	82.1	123.1
160	49.1	37.4	56.2

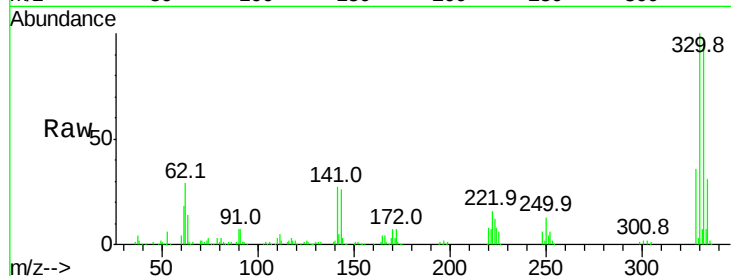




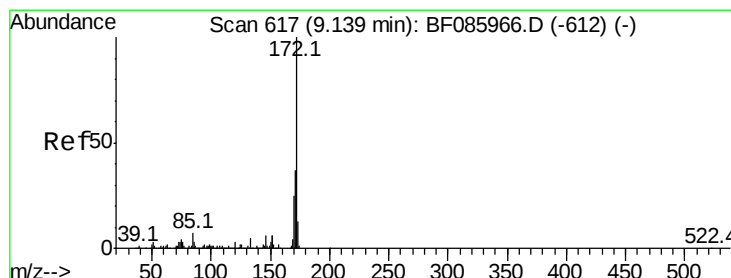
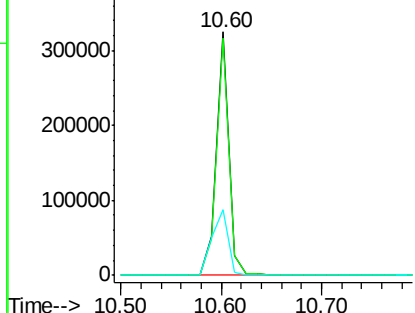
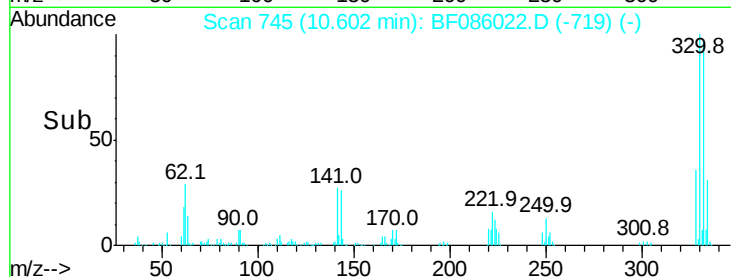
#41
 2,4,6-Tribromophenol
 Concen: 153.67 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086022.D
 Acq: 2 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 DB-EB-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.2
141	35.5	31.5	47.3

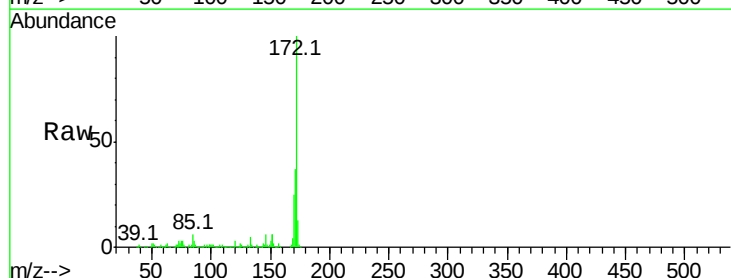


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

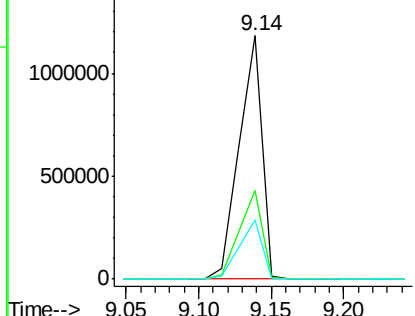
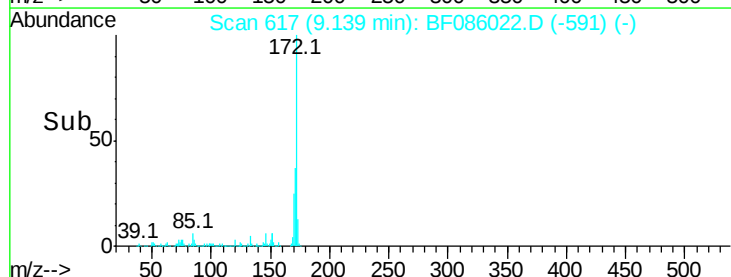


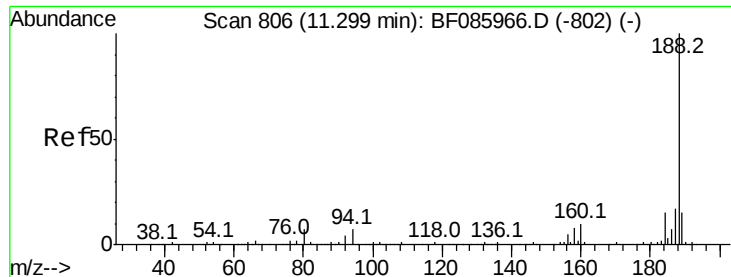
#44
 2-Fluorobiphenyl
 Concen: 110.22 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086022.D
 Acq: 2 Apr 2016 20:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.2
170	24.5	19.8	29.6



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

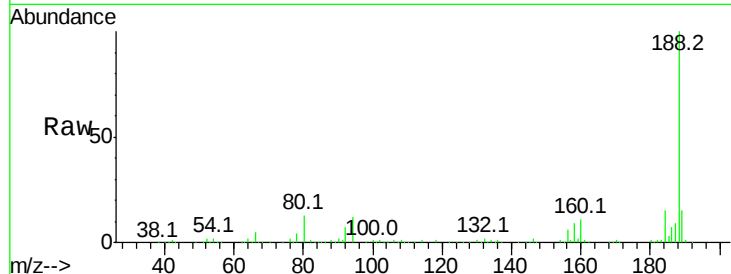




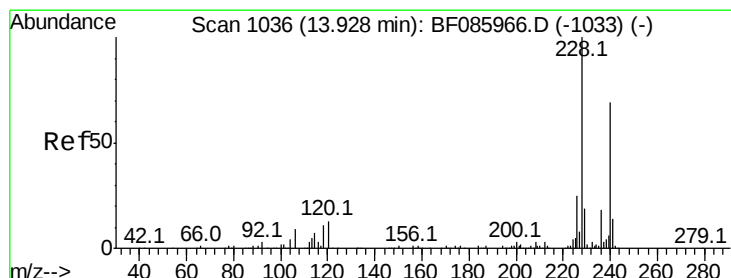
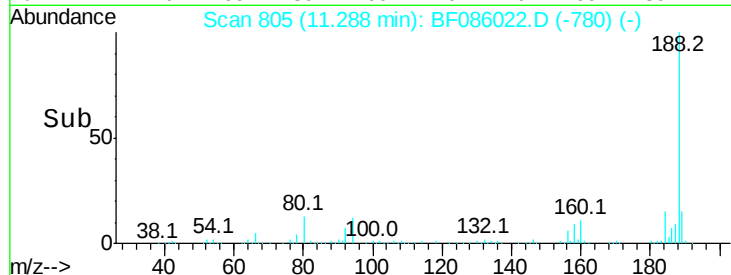
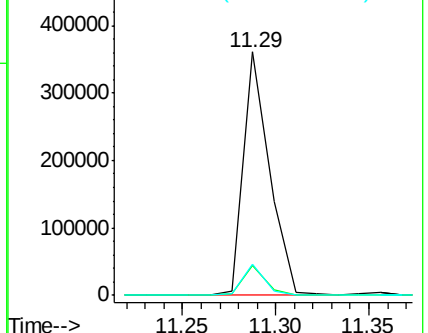
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086022.D
Acq: 2 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
DB-EB-3

Tot Ion:188 Resp: 352142
Ion Ratio Lower Upper
188 100
94 12.2 5.4 8.0#
80 12.9 5.5 8.3#

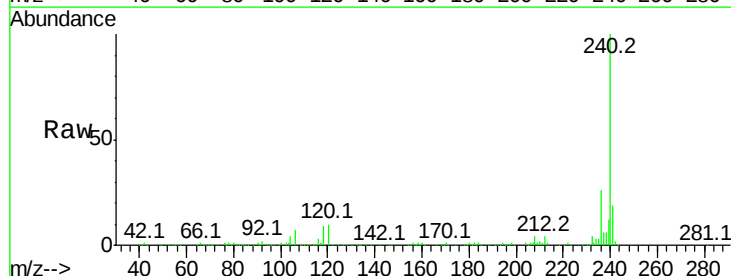


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

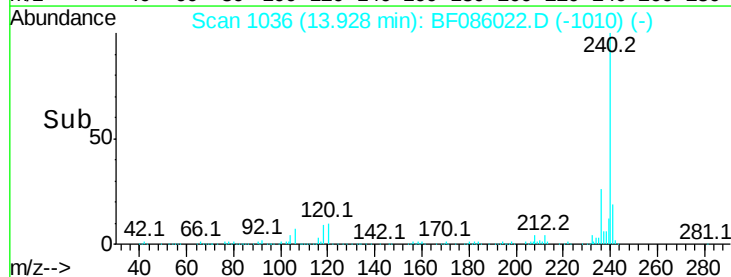
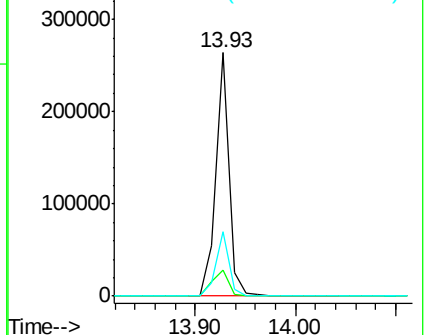


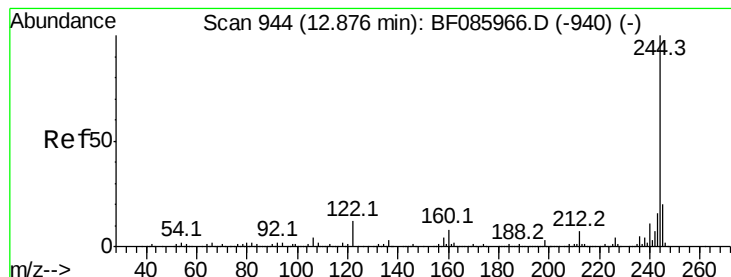
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF086022.D
Acq: 2 Apr 2016 20:11

Tgt Ion:240 Resp: 241444
Ion Ratio Lower Upper
240 100
120 10.5 13.8 20.8#
236 26.4 20.6 30.8



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: 99.72 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086022.D

Acq: 2 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

DB-EB-3

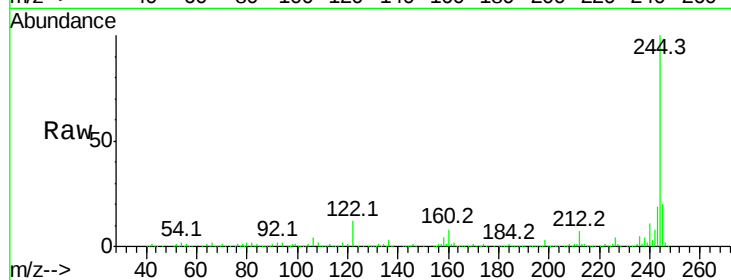
Tot Ion:244 Resp: 1024232

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

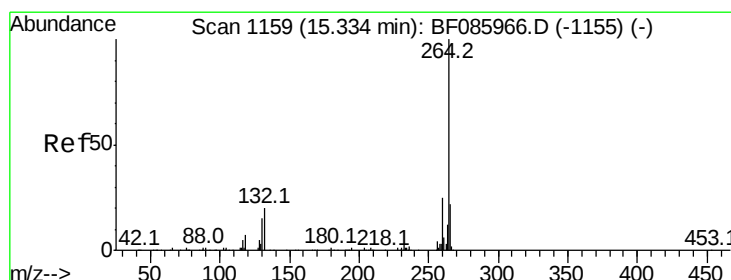
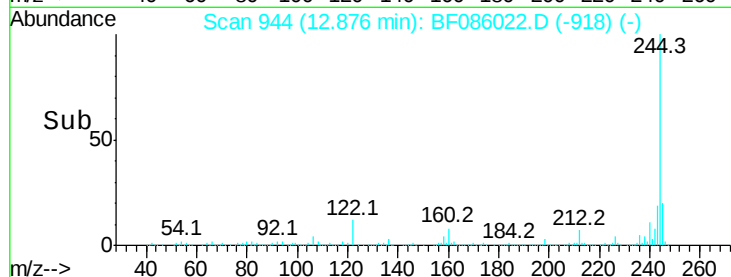
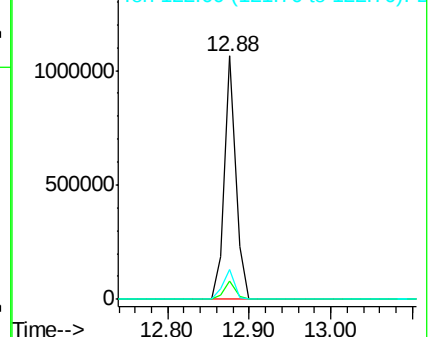
122 12.3 10.2 15.4



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: 15.33 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BF086022.D

Acq: 2 Apr 2016 20:11

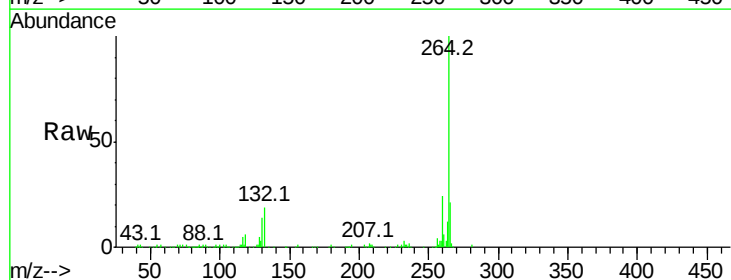
Tgt Ion:264 Resp: 214548

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.0 17.2 25.8



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

