

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
 Data File : BF076708.D
 Acq On : 31 Dec 2014 18:24
 Operator : IZ / TP
 Sample : PB81132BL
 Misc : W
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81132BL

Quant Time: Jan 01 06:49:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 31 23:59:08 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	33450	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	144960	20.00	ng	-0.01
38) Acenaphthene-d10	10.45	164	81630	20.00	ng	0.00
63) Phenanthrene-d10	12.25	188	139742	20.00	ng	-0.01
75) Chrysene-d12	15.49	240	139248	20.00	ng	-0.01
86) Perylene-d12	17.18	264	133733	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	281670	142.76	ng	0.00
7) Phenol-d6	6.32	99	362566	150.45	ng	0.00
23) Nitrobenzene-d5	7.43	82	222335	91.22	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	95442	138.34	ng	0.00
44) 2-Fluorobiphenyl	9.65	172	423995	80.83	ng	-0.01
78) Terphenyl-d14	14.24	244	489777	77.58	ng	-0.01

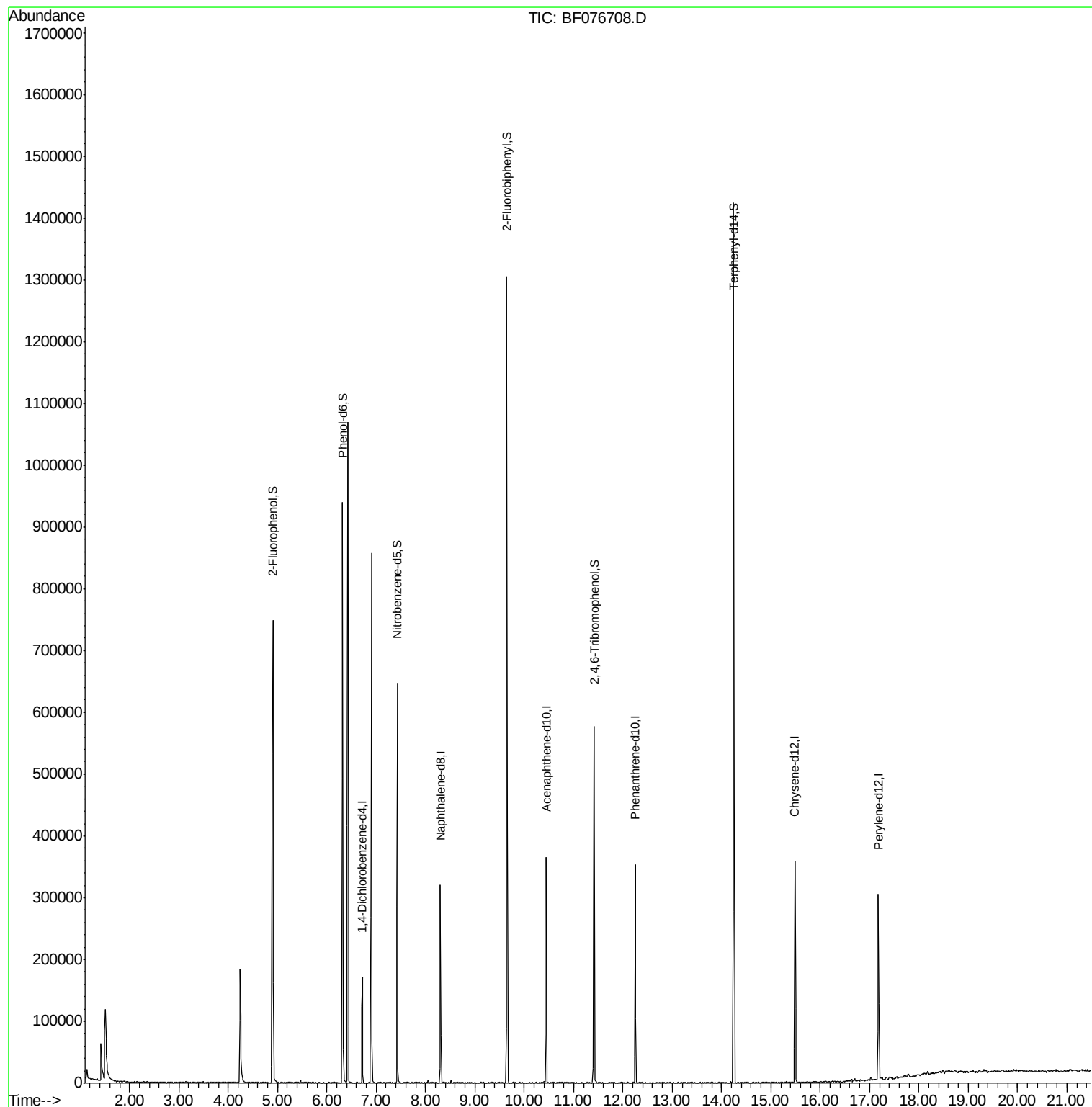
Target Compounds Qvalue

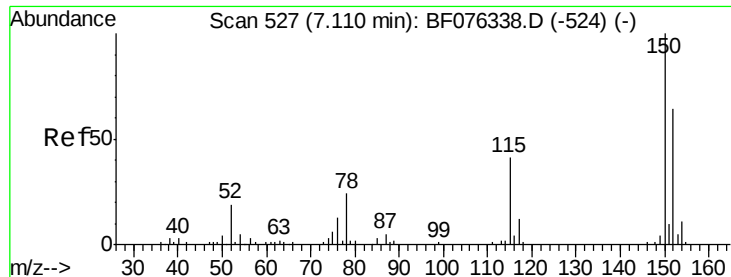
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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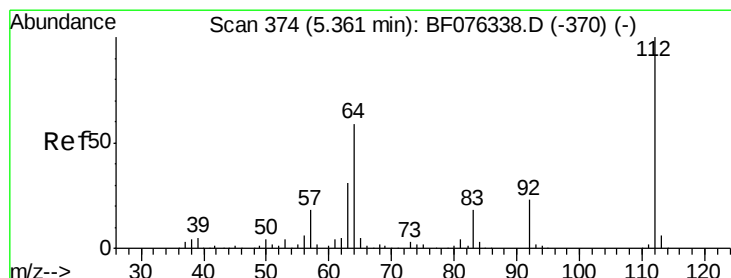
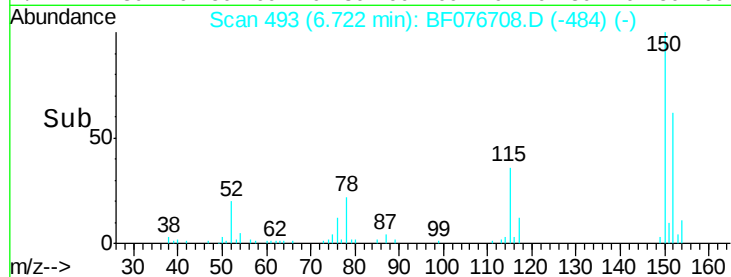
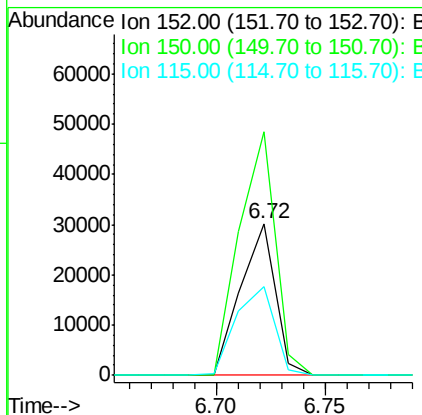
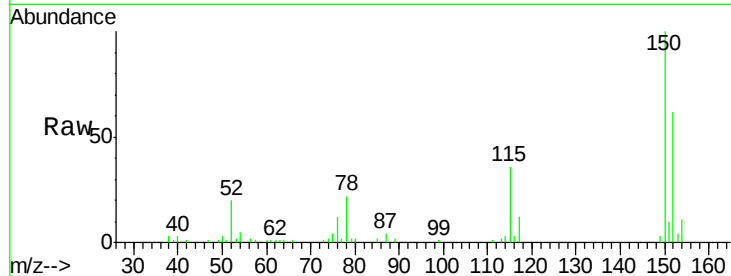


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF076708.D
Acq: 31 Dec 2014 18:24

Instrument :
BNA_F
ClientSampleId :
PB81132BL

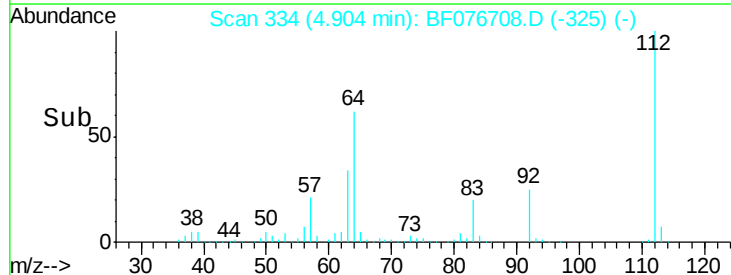
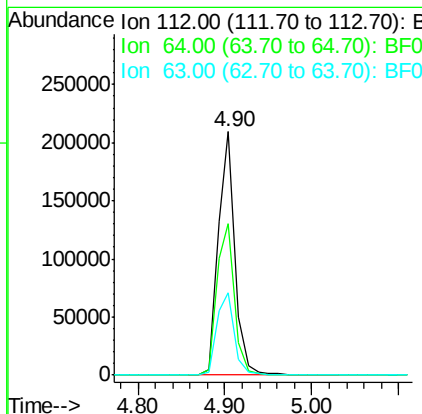
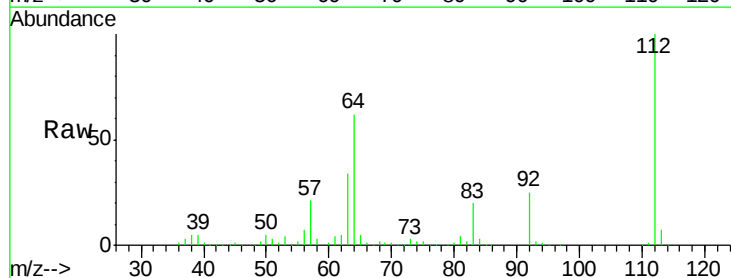
Tot Ion:152 Resp: 33450
Ion Ratio Lower Upper
152 100
150 160.6 125.2 187.8
115 58.3 51.4 77.0

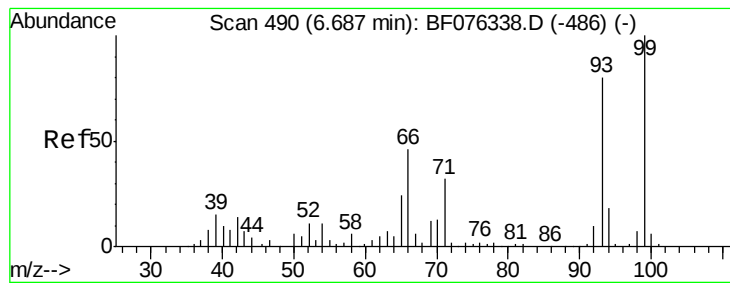


#5

2-Fluorophenol
Concen: 142.76 ng
RT: 4.90 min Scan# 334
Delta R.T. -0.00 min
Lab File: BF076708.D
Acq: 31 Dec 2014 18:24

Tgt Ion:112 Resp: 281670
Ion Ratio Lower Upper
112 100
64 62.4 47.4 71.0
63 34.0 25.0 37.4





#7

Phenol-d6

Concen: 150.45 ng

RT: 6.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF076708.D

Acq: 31 Dec 2014 18:24

Instrument :

BNA_F

ClientSampleId :

PB81132BL

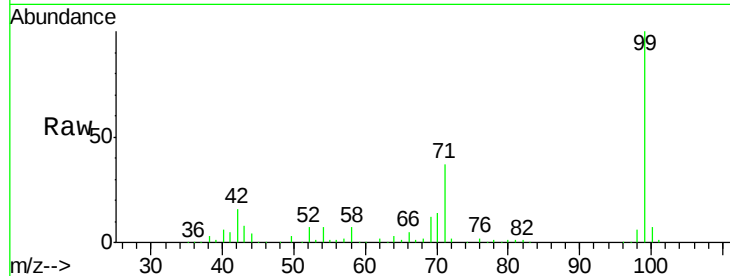
Tot Ion: 99 Resp: 362566

Ion Ratio Lower Upper

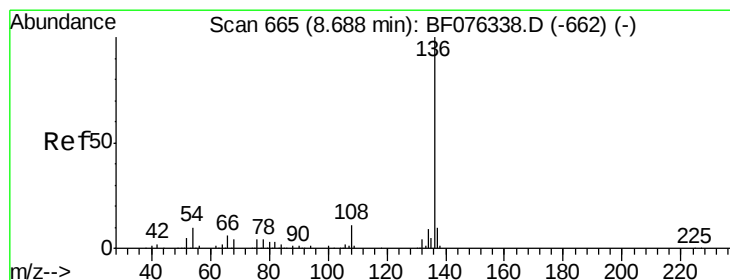
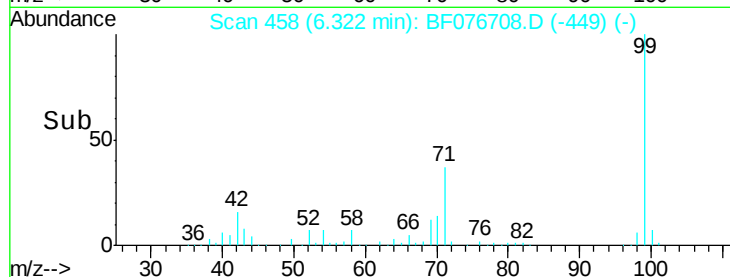
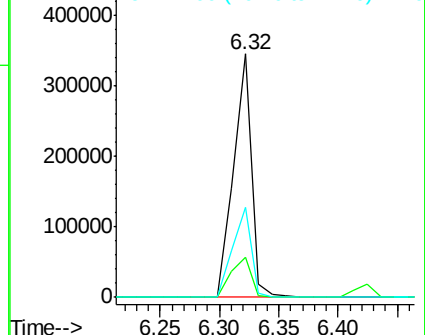
99 100

42 16.4 11.6 17.4

71 37.0 25.9 38.9



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: 8.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF076708.D

Acq: 31 Dec 2014 18:24

Tgt Ion: 136 Resp: 144960

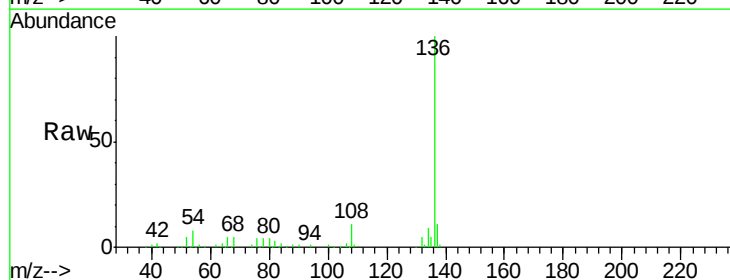
Ion Ratio Lower Upper

136 100

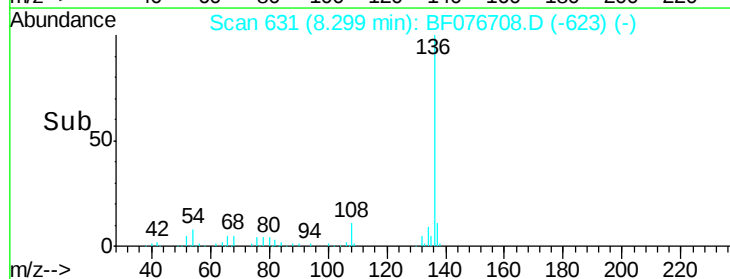
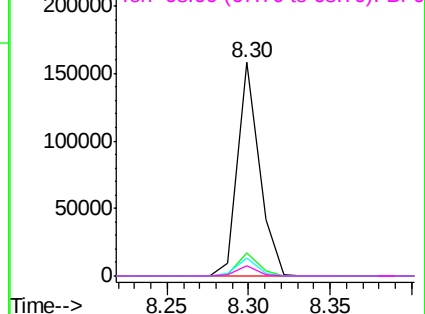
137 10.5 8.4 12.6

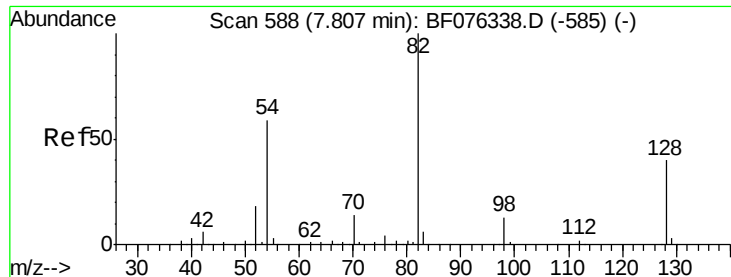
54 8.3 7.8 11.6

68 5.0 3.4 5.2



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

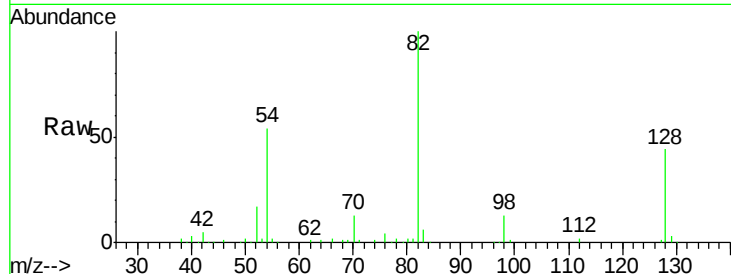




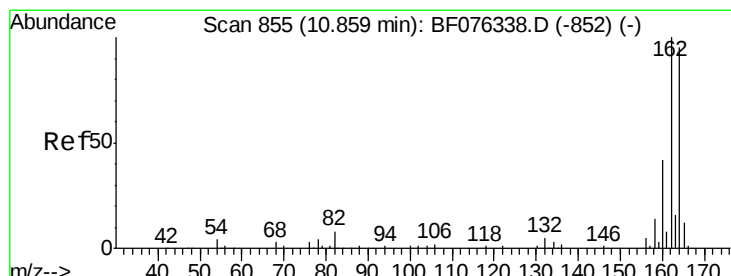
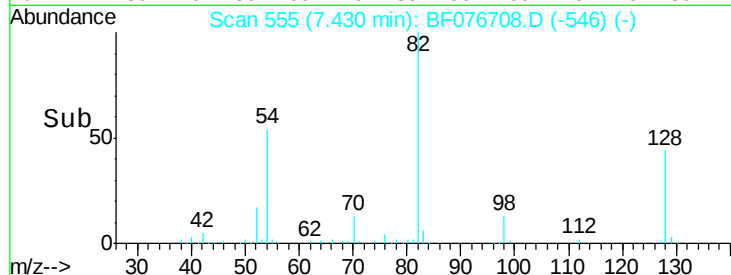
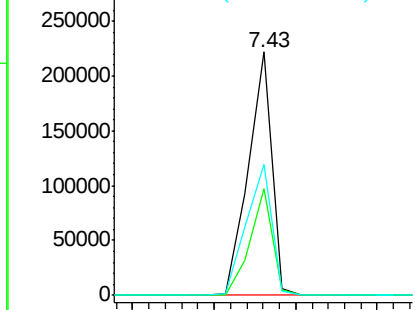
#23
 Nitrobenzene-d5
 Concen: 91.22 ng
 RT: 7.43 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF076708.D
 Acq: 31 Dec 2014 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81132BL

Tot Ion	82	Resp	222335
Ion Ratio	Lower	Upper	
82	100		
128	43.7	31.9	47.9
54	54.0	47.2	70.8

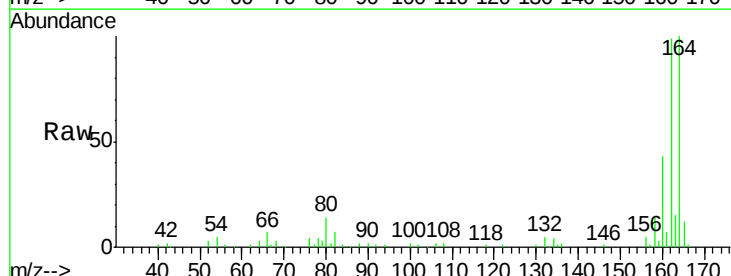


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

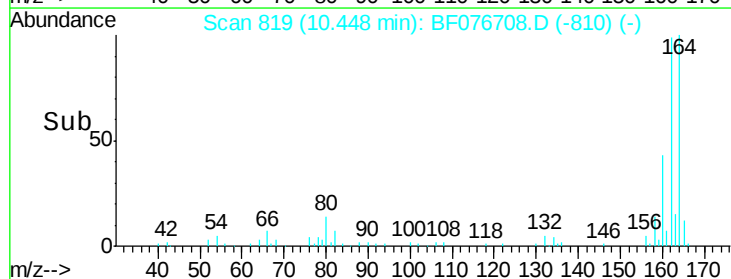
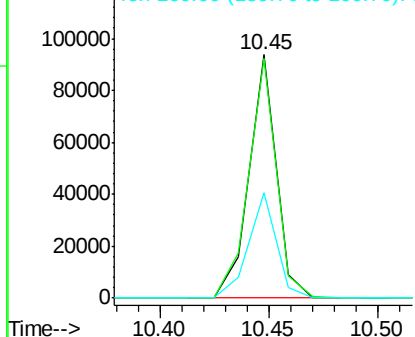


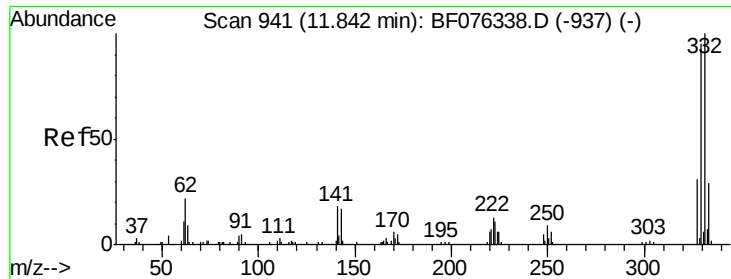
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF076708.D
 Acq: 31 Dec 2014 18:24

Tgt Ion	164	Resp	81630
Ion Ratio	Lower	Upper	
164	100		
162	98.7	84.2	126.2
160	43.1	35.5	53.3



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: 138.34 ng

RT: 11.42 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF076708.D

Acq: 31 Dec 2014 18:24

Instrument :

BNA_F

ClientSampleId :

PB81132BL

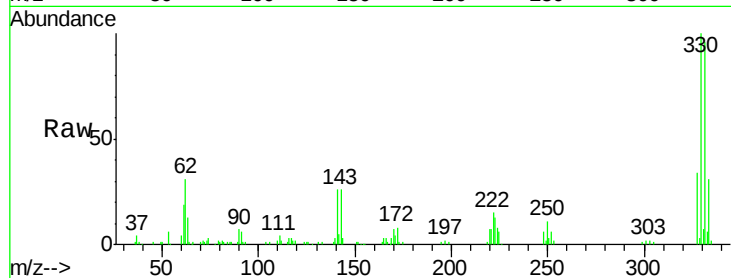
Tot Ion:330 Resp: 95442

Ion Ratio Lower Upper

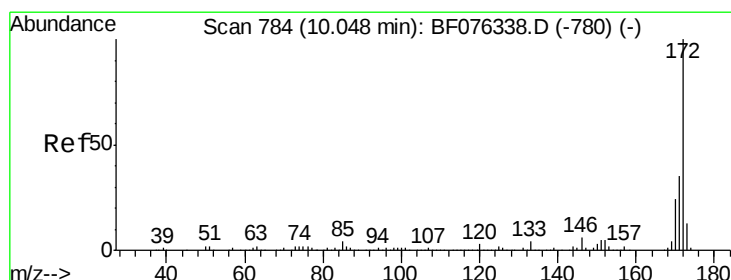
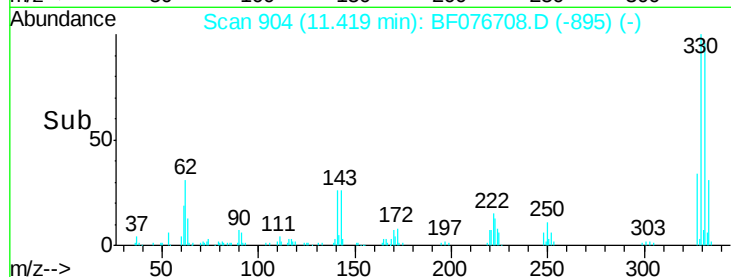
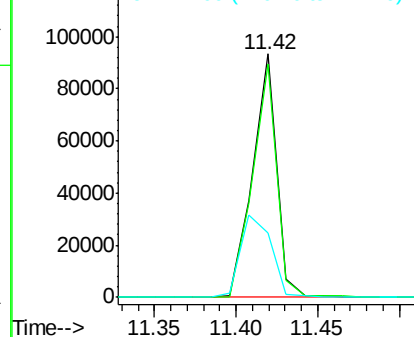
330 100

332 96.6 0.0 0.0#

141 42.6 0.0 0.0#



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: 80.83 ng

RT: 9.65 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF076708.D

Acq: 31 Dec 2014 18:24

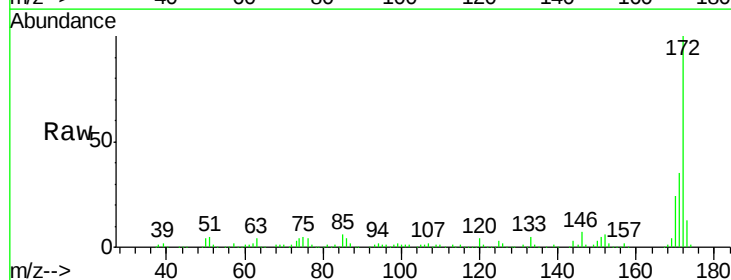
Tgt Ion:172 Resp: 423995

Ion Ratio Lower Upper

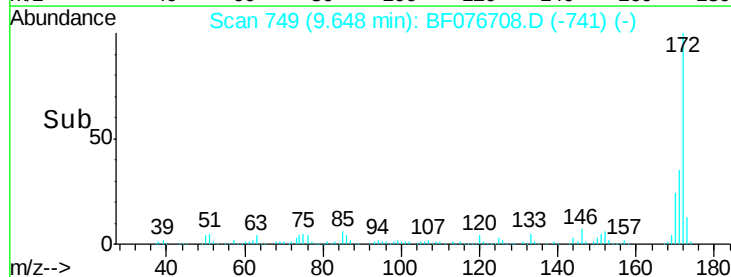
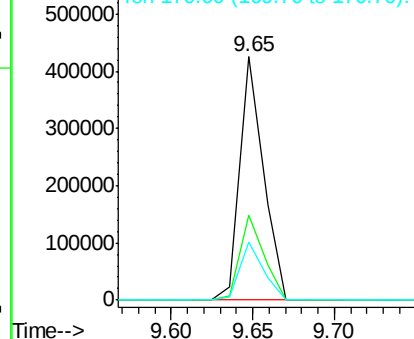
172 100

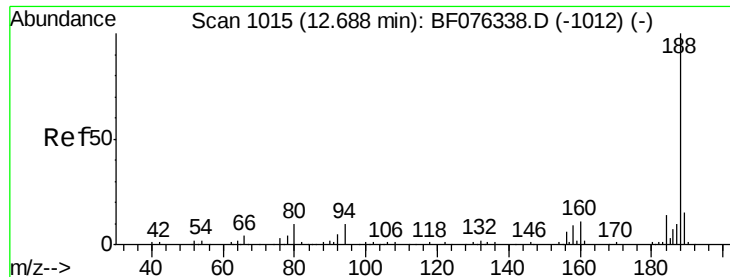
171 35.0 27.8 41.8

170 23.7 19.0 28.4



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

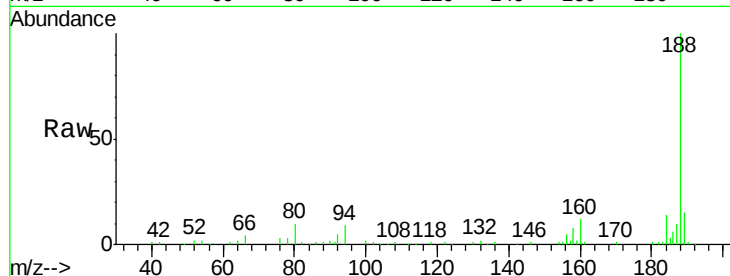




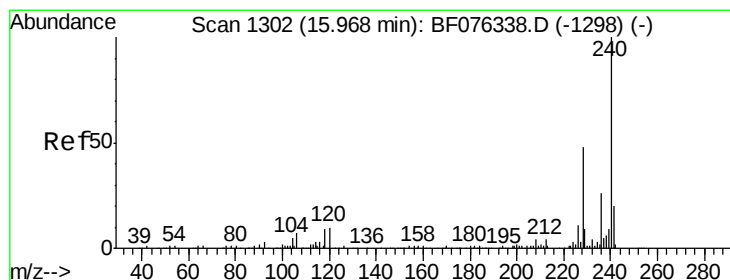
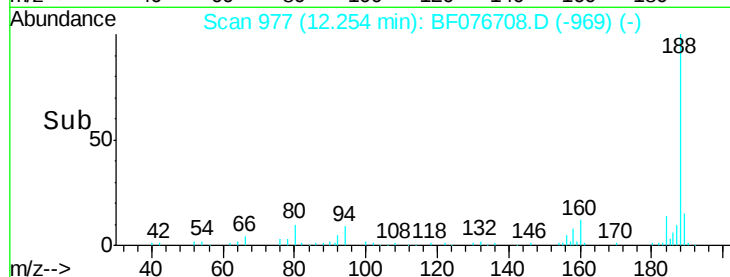
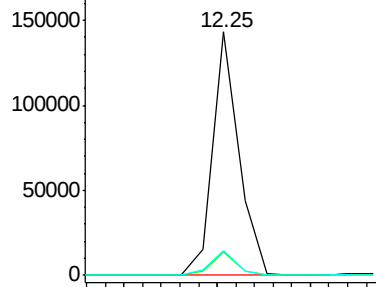
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.25 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF076708.D
Acq: 31 Dec 2014 18:24

Instrument :
BNA_F
ClientSampleId :
PB81132BL

Tot Ion:188 Resp: 139742
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.1 8.2 12.2

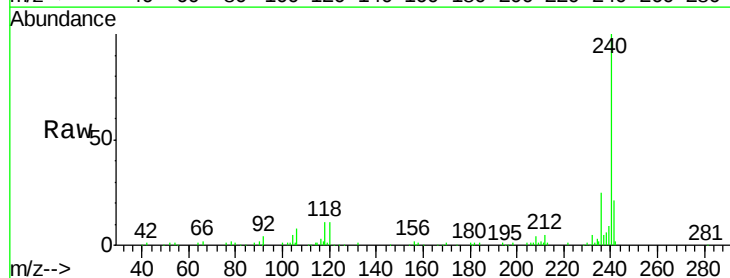


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

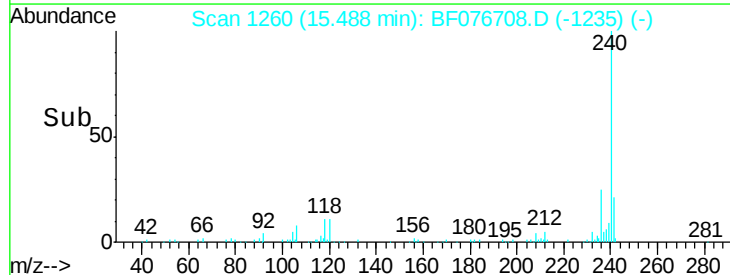
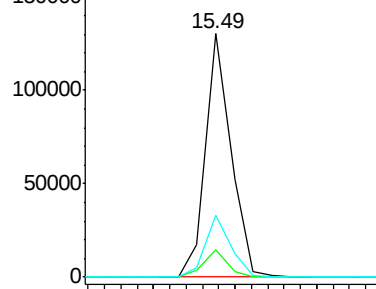


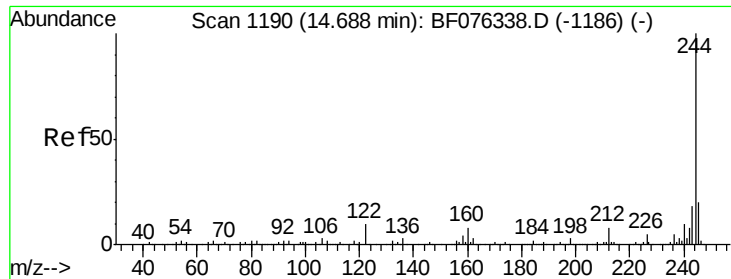
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF076708.D
Acq: 31 Dec 2014 18:24

Tgt Ion:240 Resp: 139248
Ion Ratio Lower Upper
240 100
120 11.4 8.0 12.0
236 25.4 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

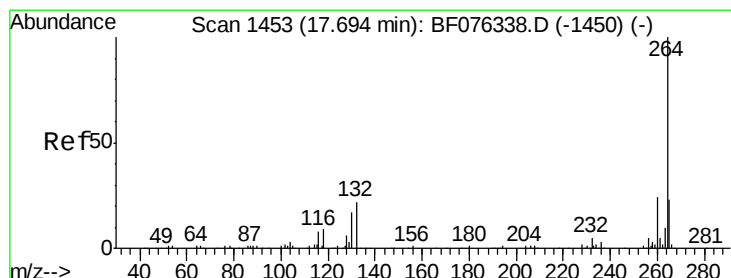
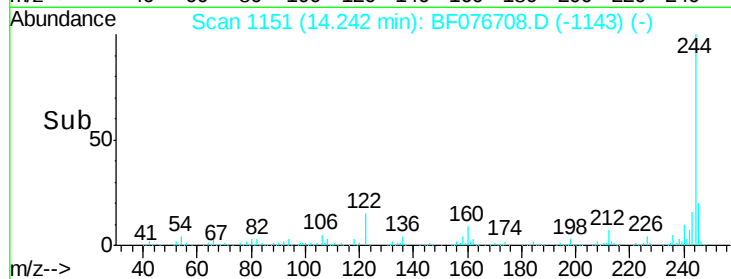
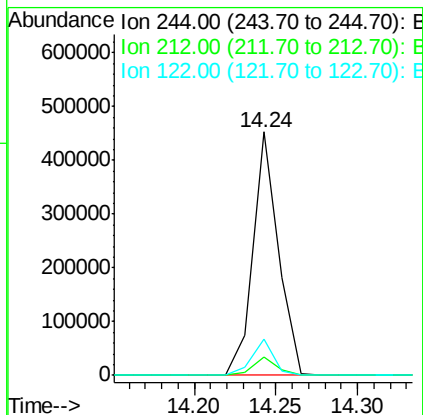
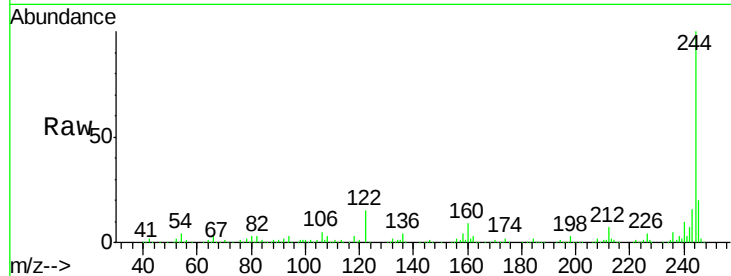




#78
 Terphenyl-d14
 Concen: 77.58 ng
 RT: 14.24 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF076708.D
 Acq: 31 Dec 2014 18:24

Instrument :
 BNA_F
 ClientSampleId :
 PB81132BL

Tot Ion:244 Resp: 489777
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 14.6 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.18 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF076708.D
 Acq: 31 Dec 2014 18:24

Tgt Ion:264 Resp: 133733
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 20.6 18.1 27.1

