

Data Path : Z:\HPCHEM1\BNA F\Data\BF010215\
 Data File : BF076737.D
 Acq On : 2 Jan 2015 21:32
 Operator : IZ / TP
 Sample : PB81182BL
 Misc : LOD/LOO-SOIL-BLK
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81182BL

Quant Time: Jan 03 02:59:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 03 00:26:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	39013	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	164186	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	88591	20.00	ng	-0.01
63) Phenanthrene-d10	12.27	188	157985	20.00	ng	0.00
75) Chrysene-d12	15.50	240	144422	20.00	ng	-0.01
86) Perylene-d12	17.15	264	131177	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	308221	133.94	ng	0.00
7) Phenol-d6	6.31	99	406484	144.63	ng	0.00
23) Nitrobenzene-d5	7.42	82	233817	84.69	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	97048	129.61	ng	-0.01
44) 2-Fluorobiphenyl	9.65	172	475642	83.55	ng	-0.01
78) Terphenyl-d14	14.25	244	504257	77.02	ng	-0.01

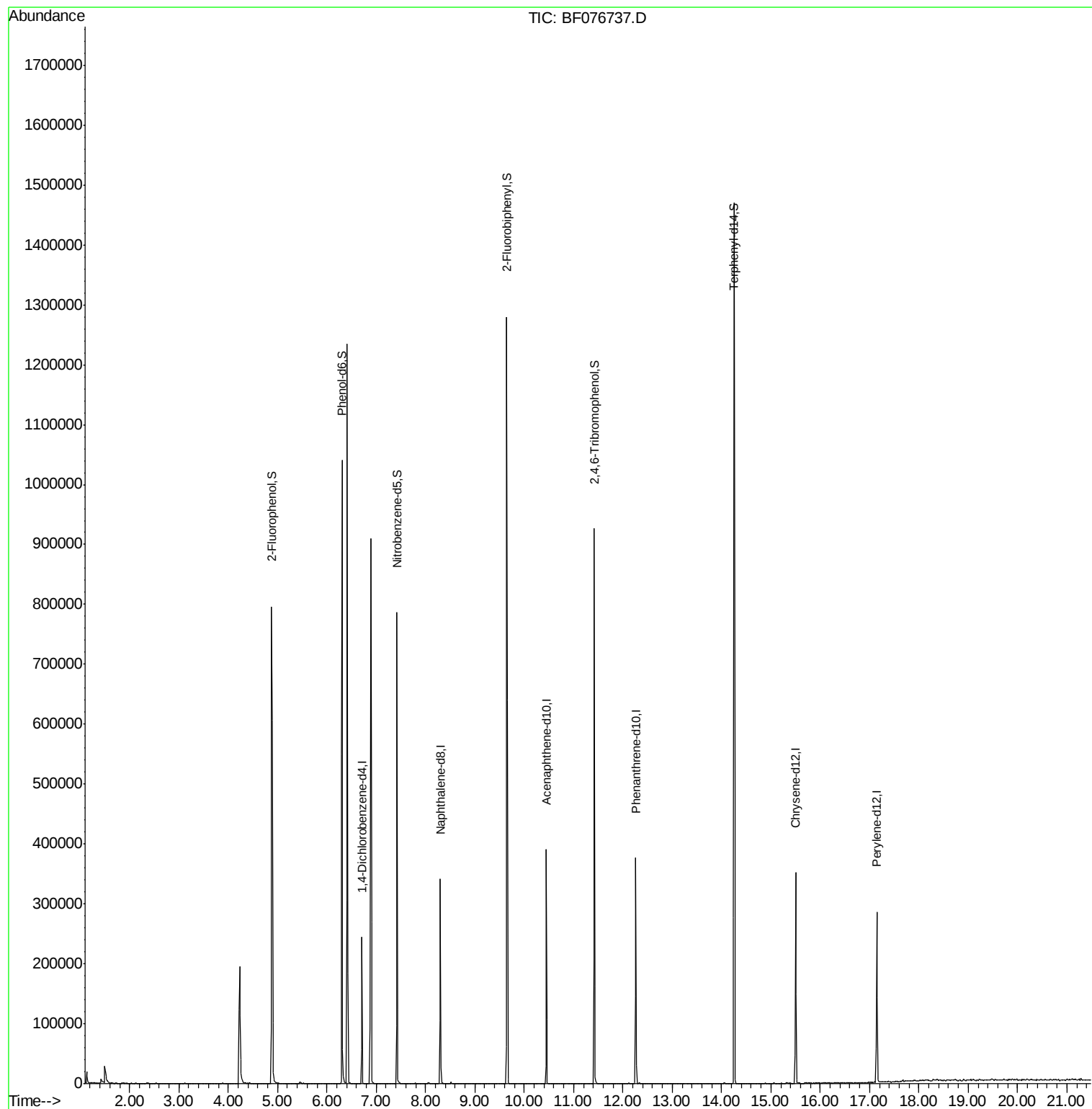
Target Compounds Qvalue

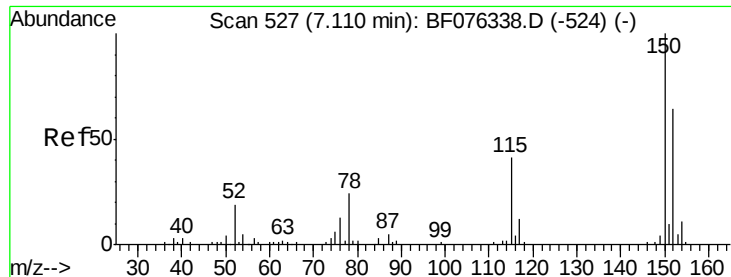
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF076737.D

Acq: 2 Jan 2015 21:32

Instrument :

BNA_F

ClientSampleId :

PB81182BL

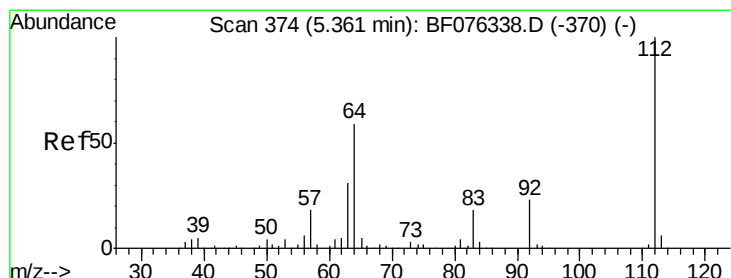
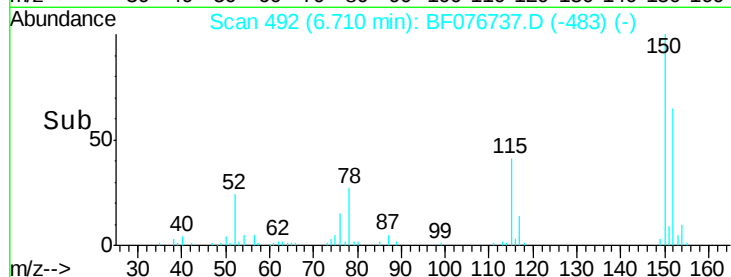
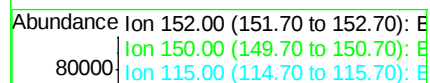
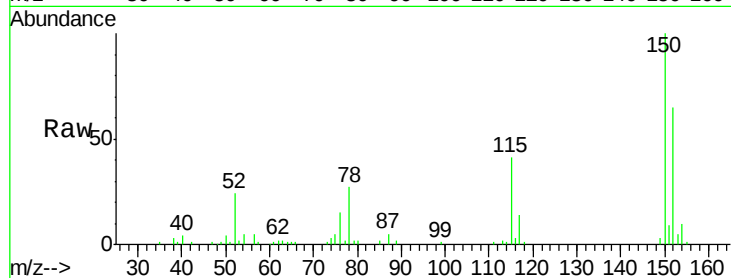
Tot Ion:152 Resp: 39013

Ion Ratio Lower Upper

152 100

150 153.1 125.2 187.8

115 62.3 51.4 77.0



#5

2-Fluorophenol

Concen: 133.94 ng

RT: 4.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF076737.D

Acq: 2 Jan 2015 21:32

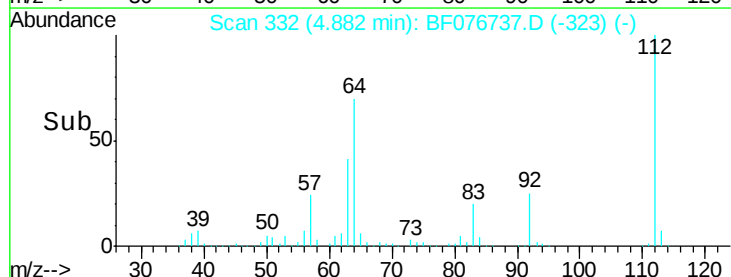
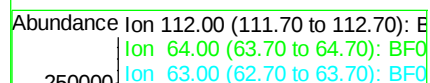
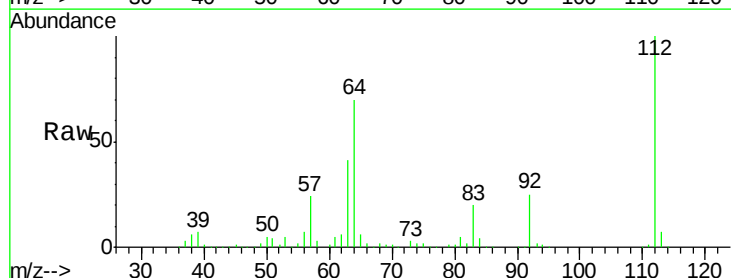
Tgt Ion:112 Resp: 308221

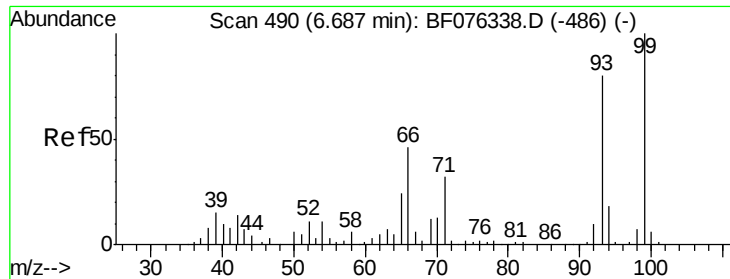
Ion Ratio Lower Upper

112 100

64 69.8 47.4 71.0

63 40.5 25.0 37.4#





#7

Phenol-d6

Concen: 144.63 ng

RT: 6.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF076737.D

Acq: 2 Jan 2015 21:32

Instrument :

BNA_F

ClientSampleId :

PB81182BL

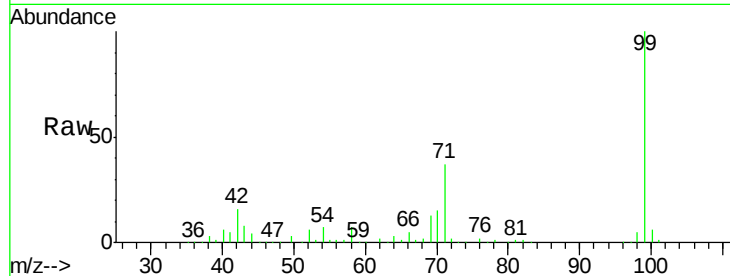
Tot Ion: 99 Resp: 406484

Ion Ratio Lower Upper

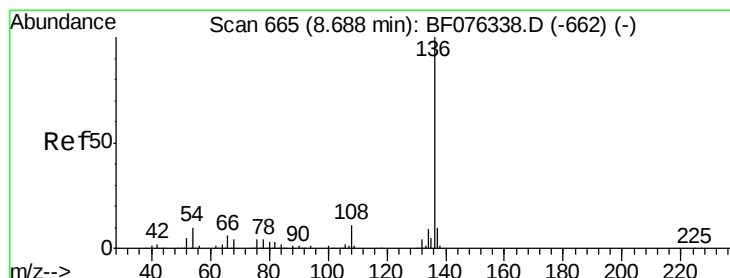
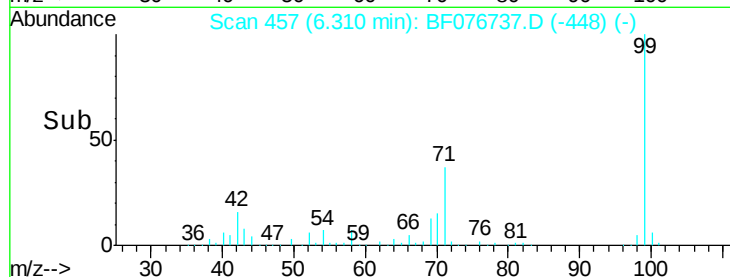
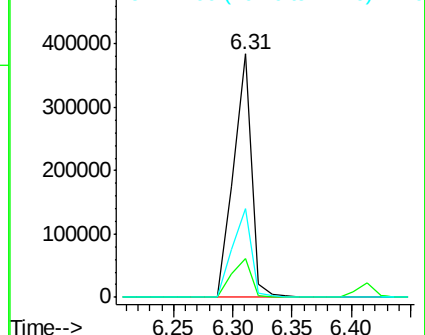
99 100

42 15.8 11.6 17.4

71 36.5 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. 0.00 min

Lab File: BF076737.D

Acq: 2 Jan 2015 21:32

Tgt Ion: 136 Resp: 164186

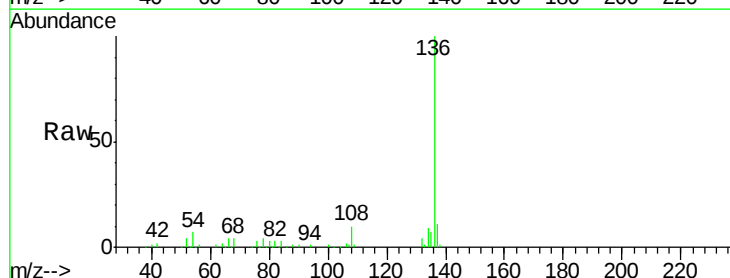
Ion Ratio Lower Upper

136 100

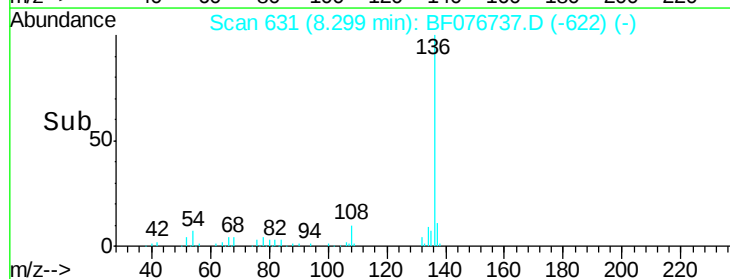
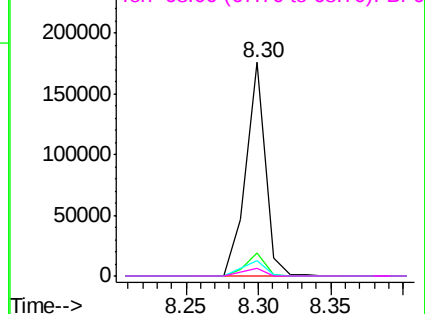
137 10.5 8.4 12.6

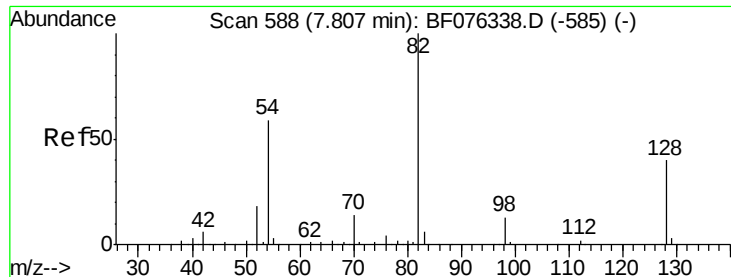
54 7.3 7.8 11.6#

68 3.7 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

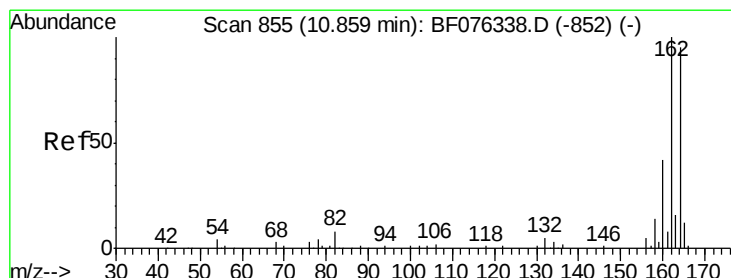
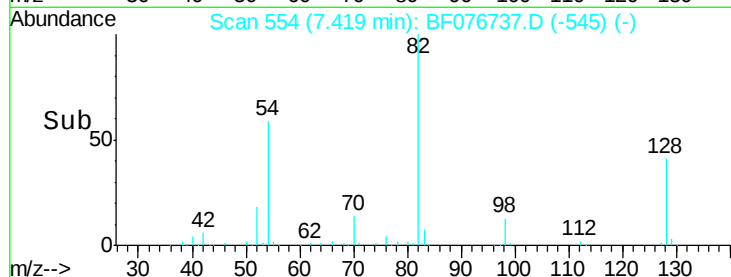
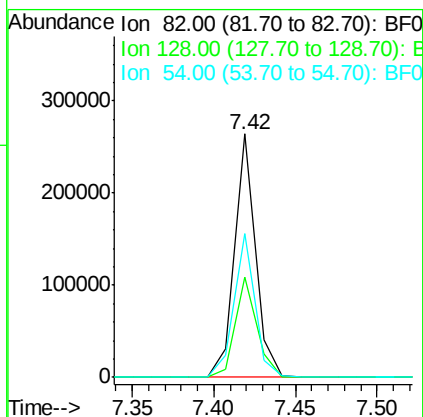
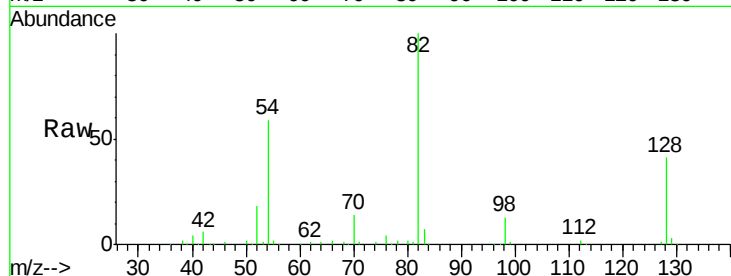




#23
 Nitrobenzene-d5
 Concen: 84.69 ng
 RT: 7.42 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF076737.D
 Acq: 2 Jan 2015 21:32

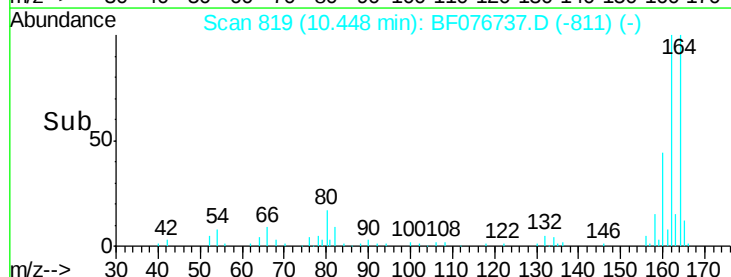
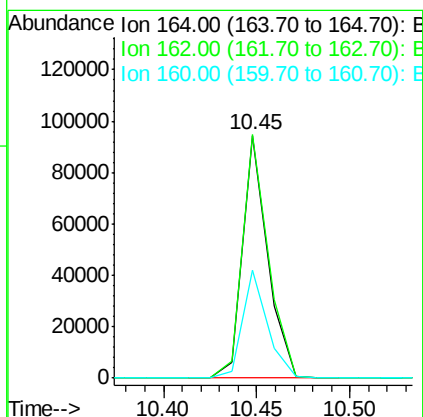
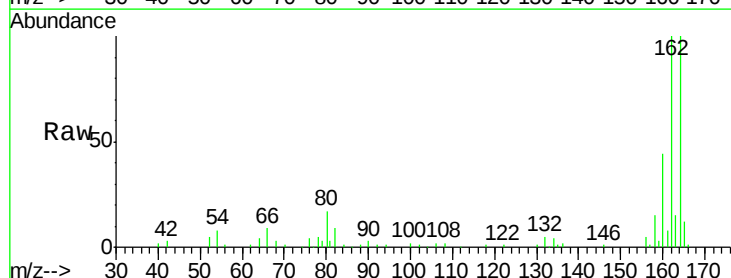
Instrument :
 BNA_F
 ClientSampleId :
 PB81182BL

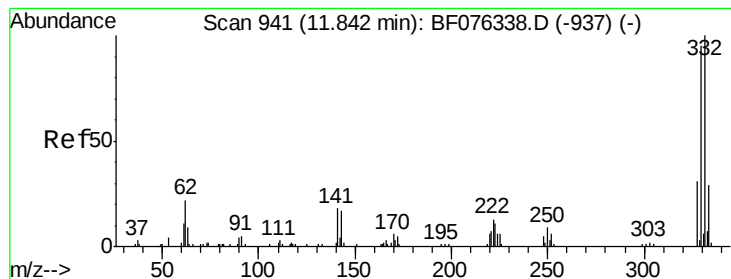
Tot Ion	82	Resp	233817
Ion Ratio	Lower	Upper	
82	100		
128	41.0	31.9	47.9
54	59.1	47.2	70.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF076737.D
 Acq: 2 Jan 2015 21:32

Tgt Ion	164	Resp	88591
Ion Ratio	Lower	Upper	
164	100		
162	100.3	84.2	126.2
160	44.3	35.5	53.3

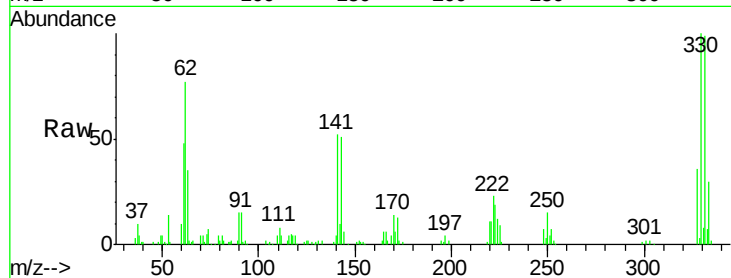




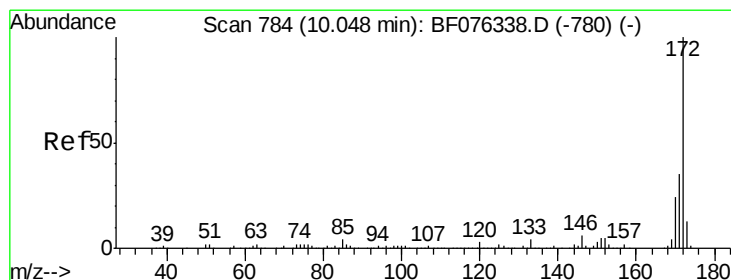
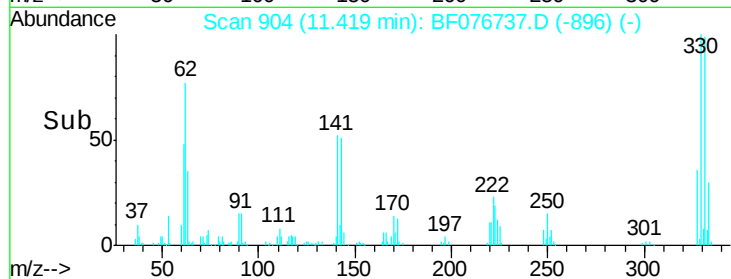
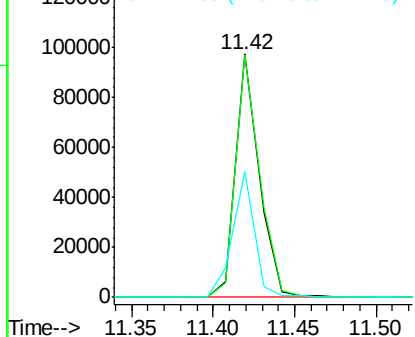
#41
 2,4,6-Tribromophenol
 Concen: 129.61 ng
 RT: 11.42 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF076737.D
 Acq: 2 Jan 2015 21:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81182BL

Tot Ion:330 Resp: 97048
 Ion Ratio Lower Upper
 330 100
 332 100.7 0.0 0.0#
 141 48.2 0.0 0.0#

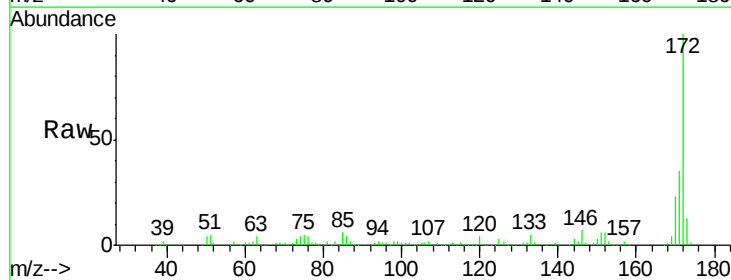


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

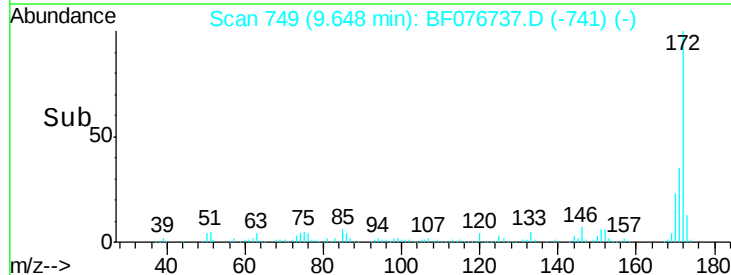
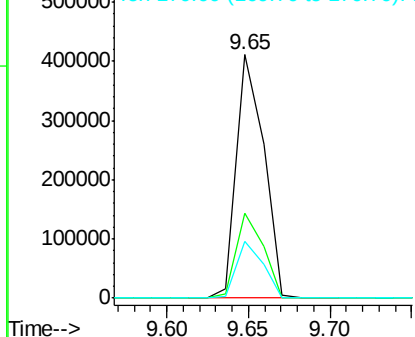


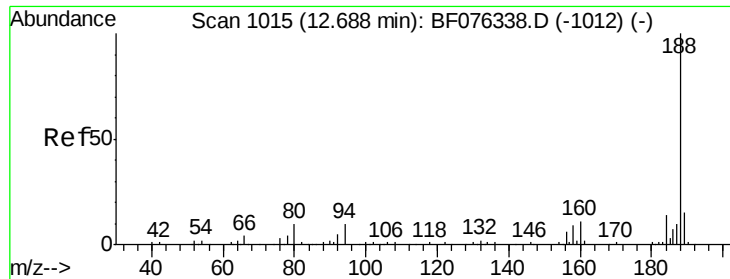
#44
 2-Fluorobiphenyl
 Concen: 83.55 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF076737.D
 Acq: 2 Jan 2015 21:32

Tgt Ion:172 Resp: 475642
 Ion Ratio Lower Upper
 172 100
 171 35.1 27.8 41.8
 170 23.2 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

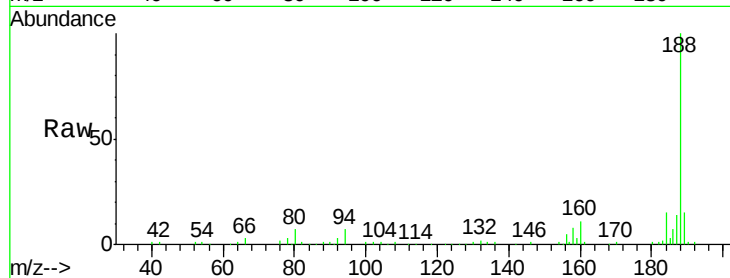




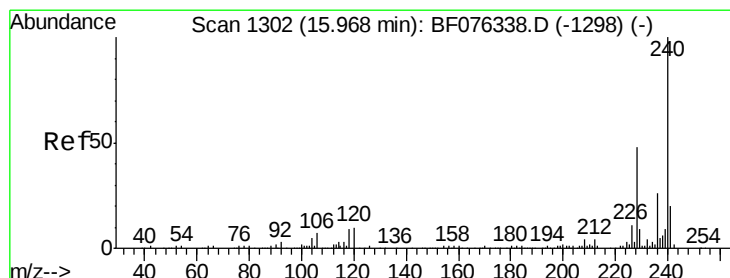
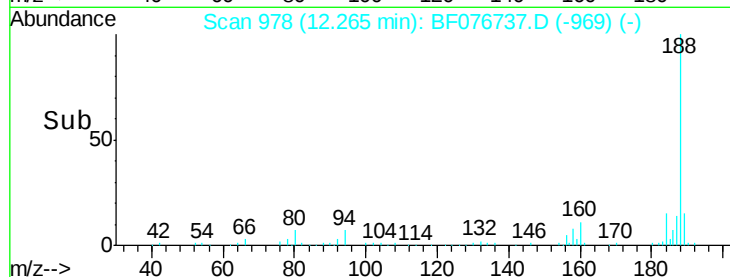
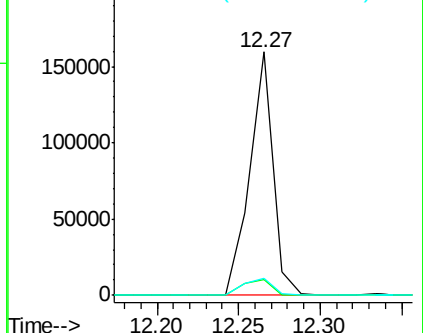
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF076737.D
Acq: 2 Jan 2015 21:32

Instrument :
BNA_F
ClientSampleId :
PB81182BL

Tot Ion:188 Resp: 157985
Ion Ratio Lower Upper
188 100
94 6.7 7.9 11.9#
80 7.1 8.2 12.2#

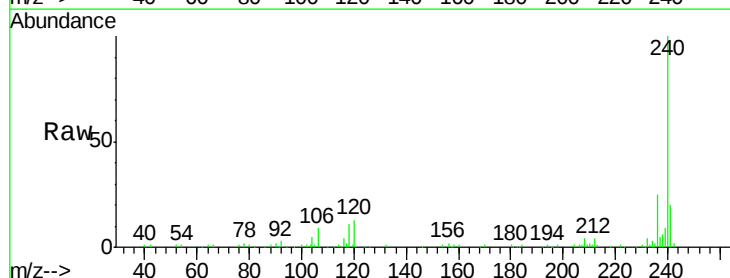


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

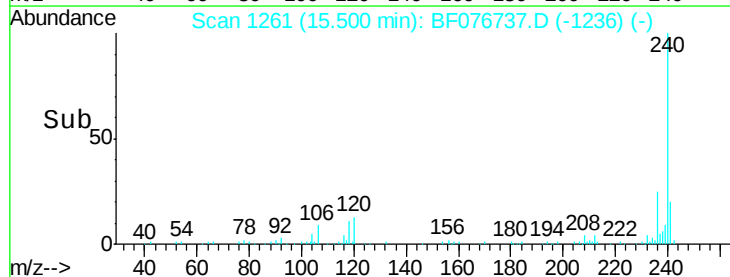
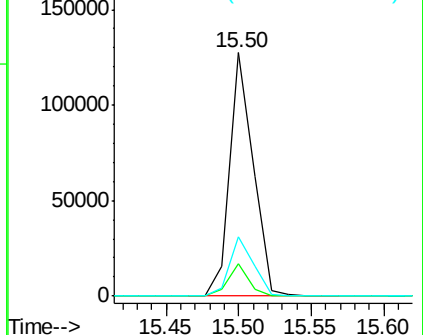


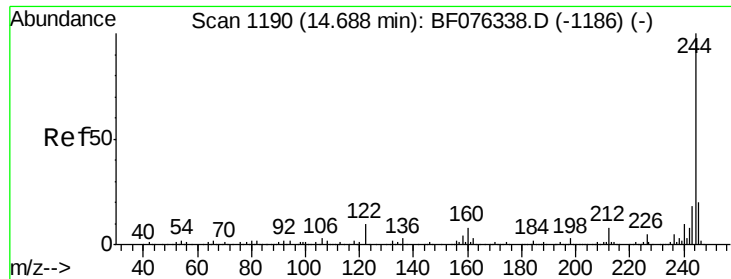
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF076737.D
Acq: 2 Jan 2015 21:32

Tgt Ion:240 Resp: 144422
Ion Ratio Lower Upper
240 100
120 13.2 8.0 12.0#
236 24.5 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

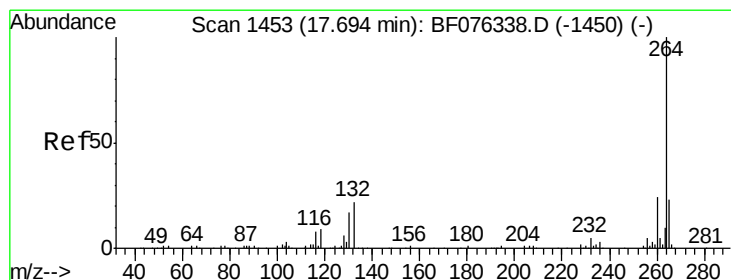
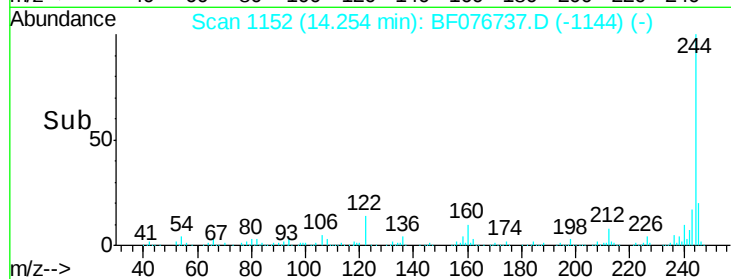
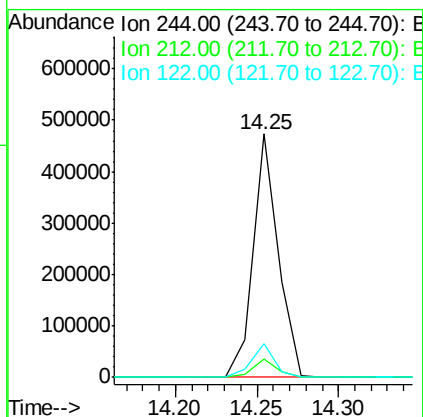
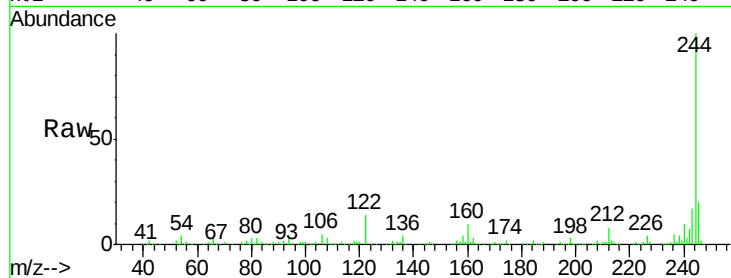




#78
 Terphenyl-d14
 Concen: 77.02 ng
 RT: 14.25 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF076737.D
 Acq: 2 Jan 2015 21:32

Instrument :
 BNA_F
 ClientSampleId :
 PB81182BL

Tot Ion:244 Resp: 504257
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 13.6 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.15 min Scan# 1405
 Delta R.T. -0.07 min
 Lab File: BF076737.D
 Acq: 2 Jan 2015 21:32

Tgt Ion:264 Resp: 131177
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 22.2 18.1 27.1

