

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
 Data File : BF076974.D
 Acq On : 20 Jan 2015 21:55
 Operator : IZ / TP
 Sample : G1110-11
 Misc : W
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MPE-9

Quant Time: Jan 21 01:23:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 01:04:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	29280	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	121060	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	66087	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	113025	20.00	ng	0.00
75) Chrysene-d12	21.23	240	107676	20.00	ng	-0.01
86) Perylene-d12	22.87	264	99261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	93503	52.50	ng	0.00
7) Phenol-d6	7.32	99	68465	30.48	ng	0.00
23) Nitrobenzene-d5	9.20	82	198880	91.01	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	78143	145.67	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	426466	98.20	ng	0.00
78) Terphenyl-d14	19.97	244	393215	84.07	ng	0.00

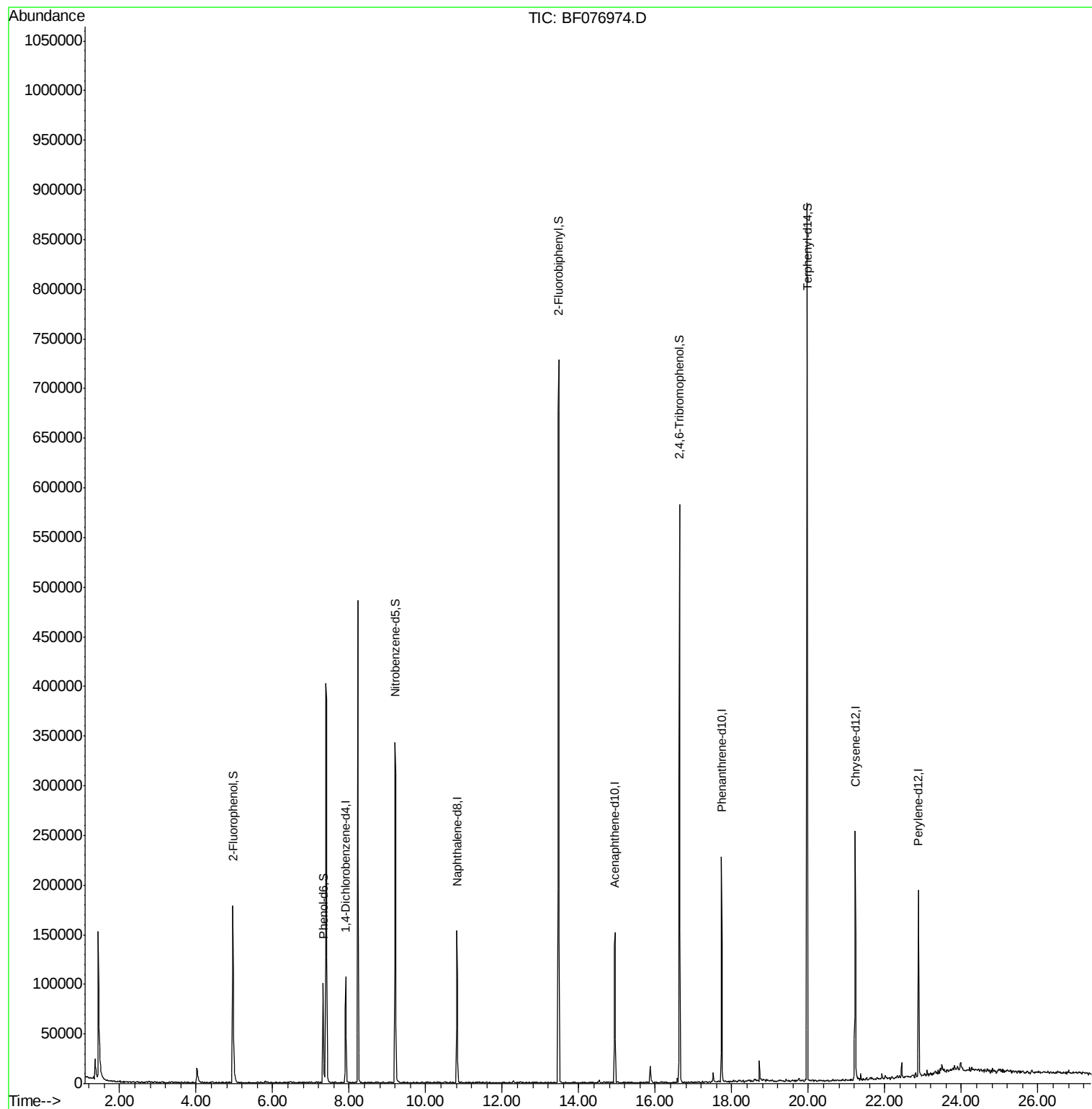
Target Compounds Qvalue

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

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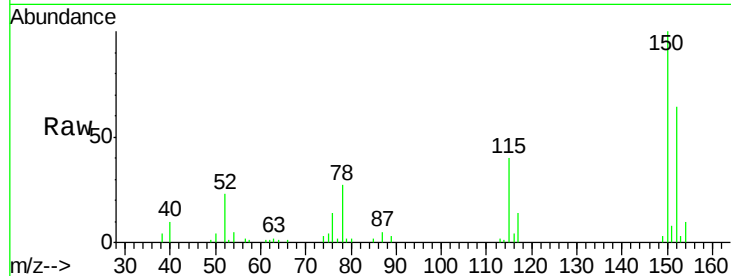


#1

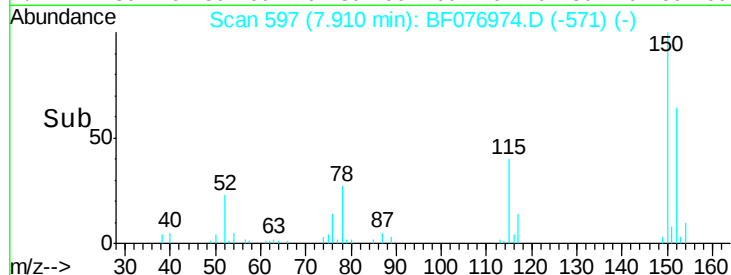
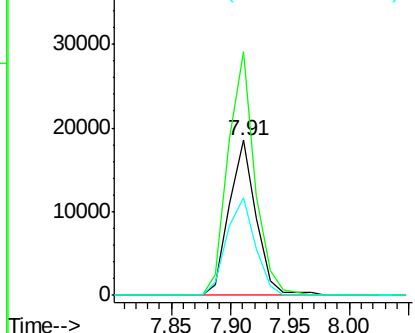
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.91 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF076974.D
Acq: 20 Jan 2015 21:55

Instrument :
BNA_F
ClientSampleId :
MPE-9

Tot Ion:152 Resp: 29280
Ion Ratio Lower Upper
152 100
150 157.4 121.7 182.5
115 63.4 47.0 70.6



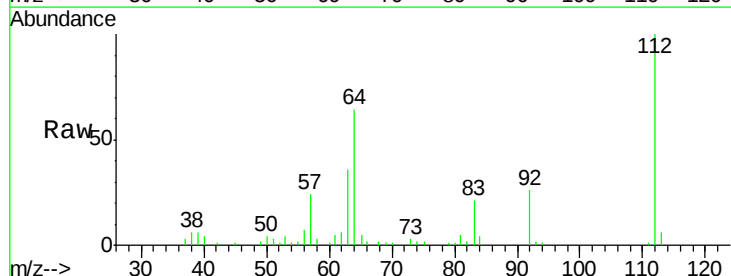
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



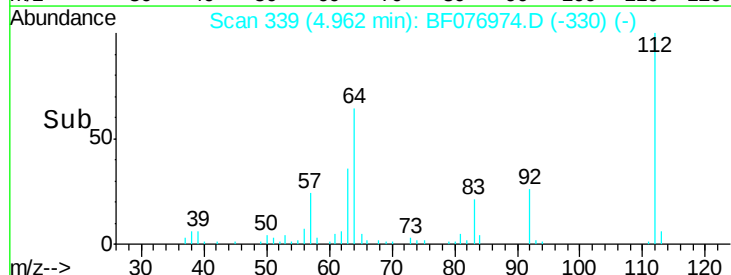
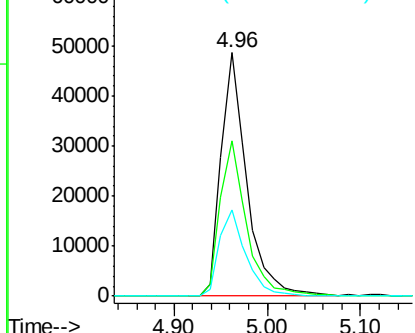
#5

2-Fluorophenol
Concen: 52.50 ng
RT: 4.96 min Scan# 339
Delta R.T. -0.00 min
Lab File: BF076974.D
Acq: 20 Jan 2015 21:55

Tgt Ion:112 Resp: 93503
Ion Ratio Lower Upper
112 100
64 63.9 54.2 81.4
63 35.5 28.4 42.6



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: 30.48 ng

RT: 7.32 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF076974.D

Acq: 20 Jan 2015 21:55

Instrument :

BNA_F

ClientSampleId :

MPE-9

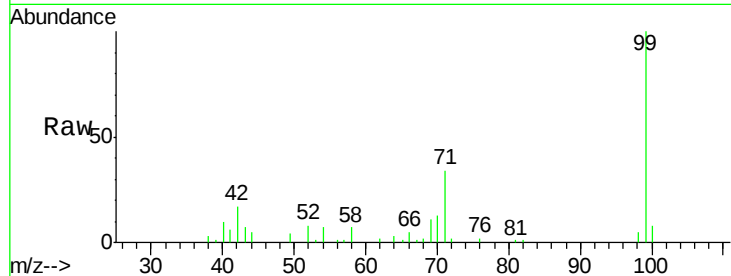
Tot Ion: 99 Resp: 68465

Ion Ratio Lower Upper

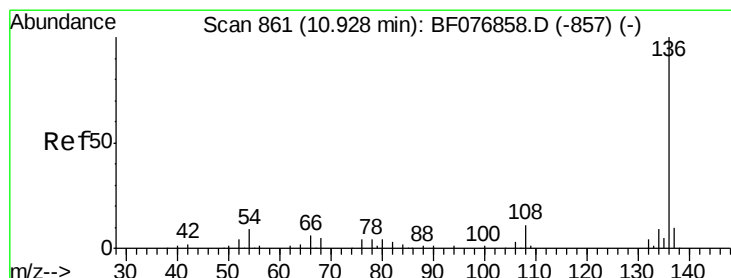
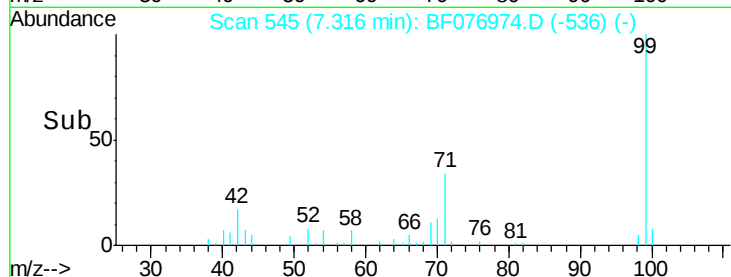
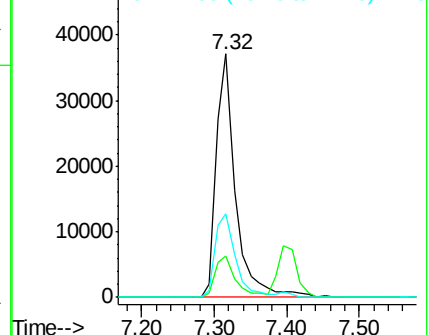
99 100

42 17.1 15.0 22.4

71 34.1 30.5 45.7



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: 10.81 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF076974.D

Acq: 20 Jan 2015 21:55

Tgt Ion: 136 Resp: 121060

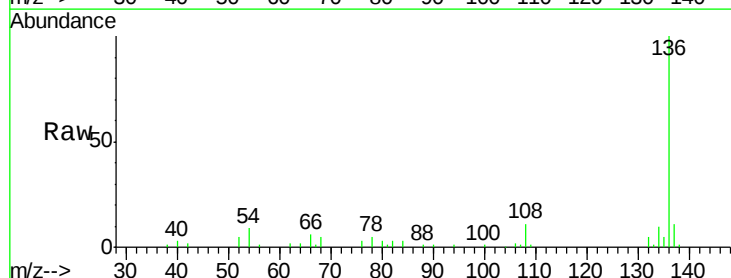
Ion Ratio Lower Upper

136 100

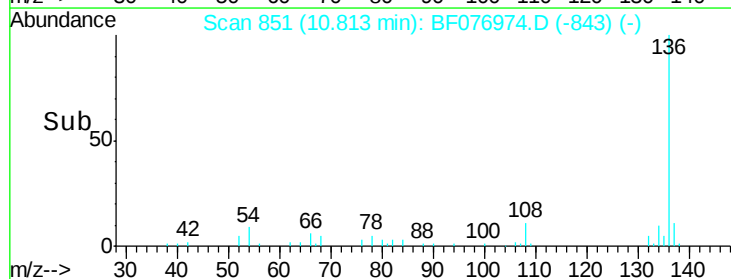
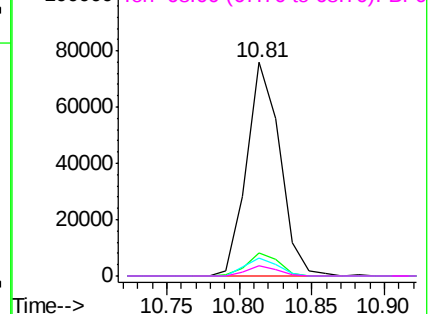
137 10.8 8.1 12.1

54 8.6 7.0 10.4

68 5.0 3.7 5.5



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

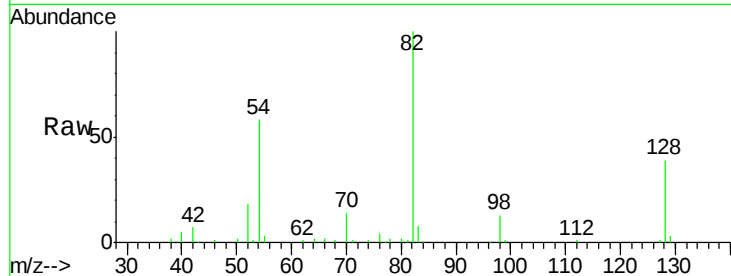




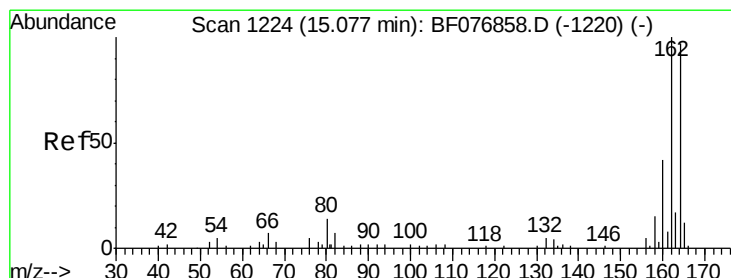
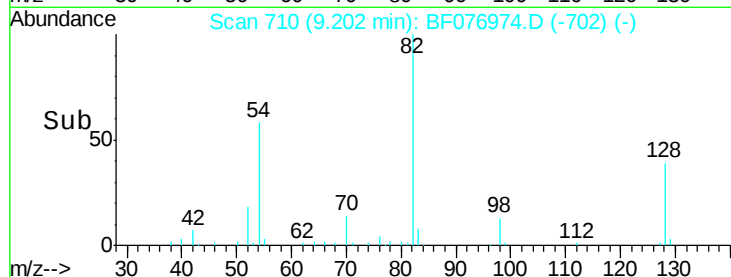
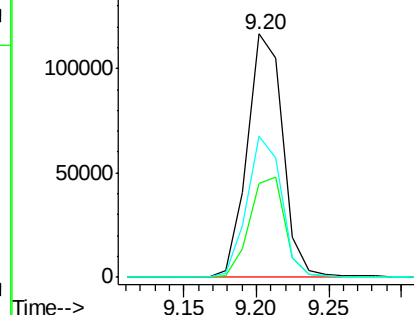
#23
 Nitrobenzene-d5
 Concen: 91.01 ng
 RT: 9.20 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF076974.D
 Acq: 20 Jan 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 MPE-9

Tot Ion	82	Resp	198880
Ion Ratio	Lower	Upper	
82	100		
128	38.7	33.1	49.7
54	57.9	48.3	72.5

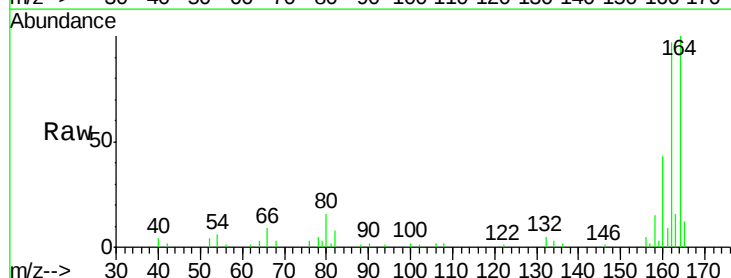


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

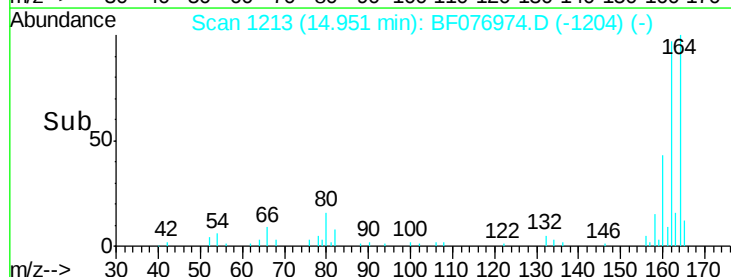
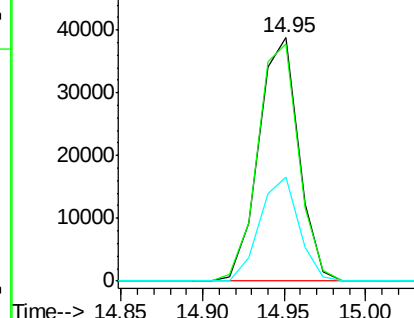


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BF076974.D
 Acq: 20 Jan 2015 21:55

Tgt Ion	164	Resp	66087
Ion Ratio	Lower	Upper	
164	100		
162	97.2	82.4	123.6
160	42.5	34.8	52.2



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

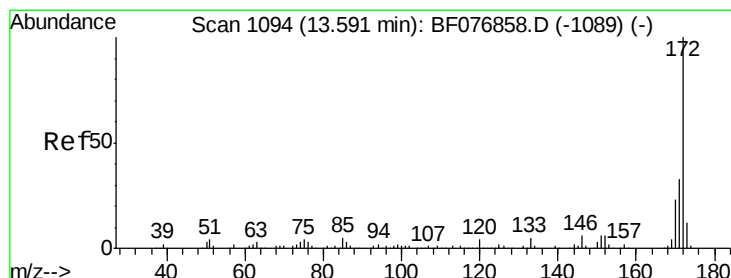
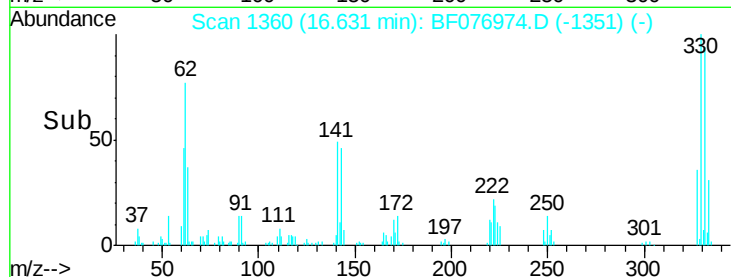
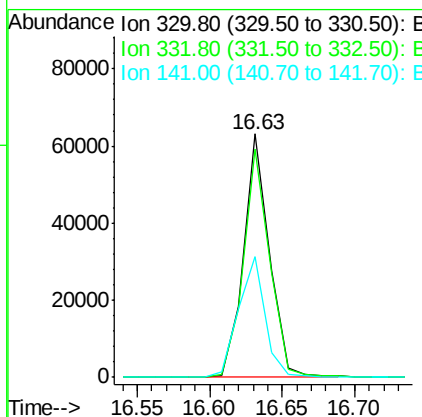
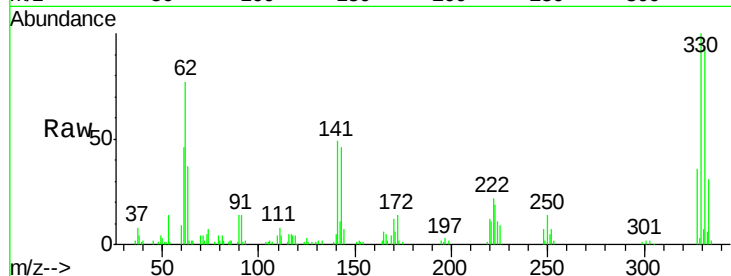




#41
 2,4,6-Tribromophenol
 Concen: 145.67 ng
 RT: 16.63 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: BF076974.D
 Acq: 20 Jan 2015 21:55

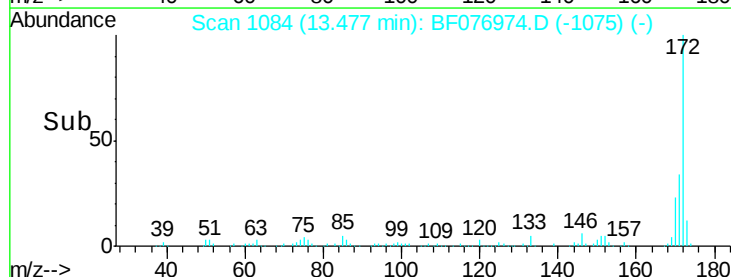
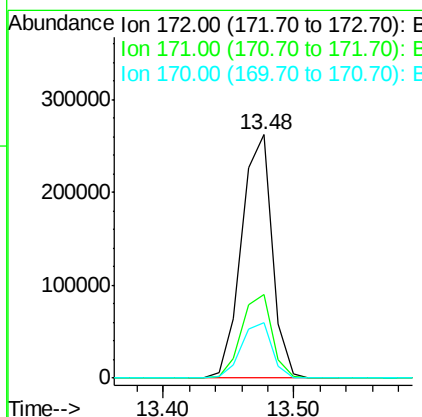
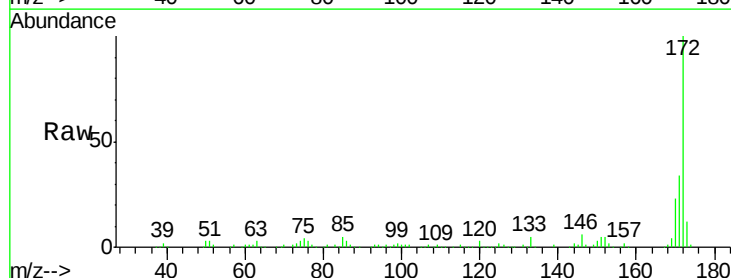
Instrument :
 BNA_F
 ClientSampleId :
 MPE-9

Tot Ion:330 Resp: 78143
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.8 116.6
 141 50.9 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 98.20 ng
 RT: 13.48 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF076974.D
 Acq: 20 Jan 2015 21:55

Tgt Ion:172 Resp: 426466
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.6 40.0
 170 22.9 18.0 27.0

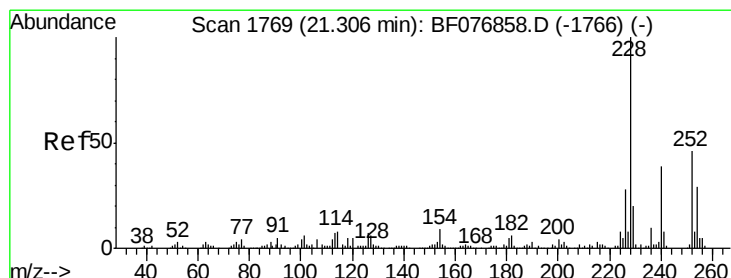
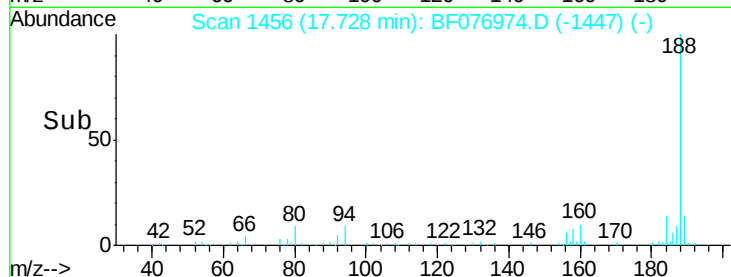
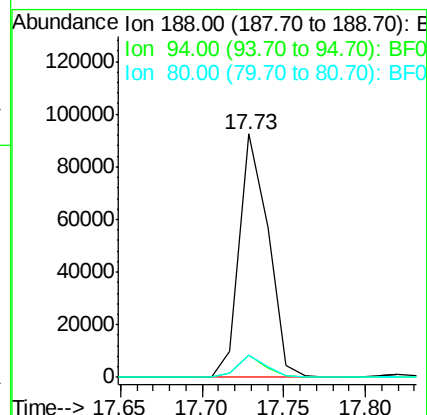
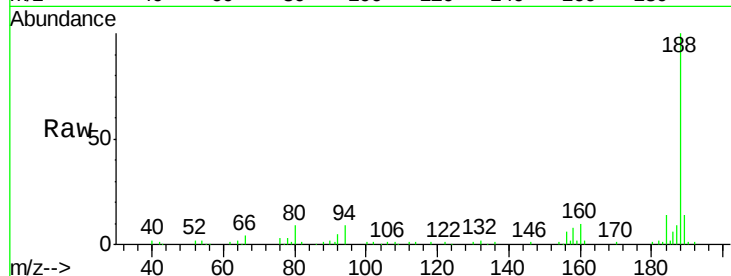




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF076974.D
Acq: 20 Jan 2015 21:55

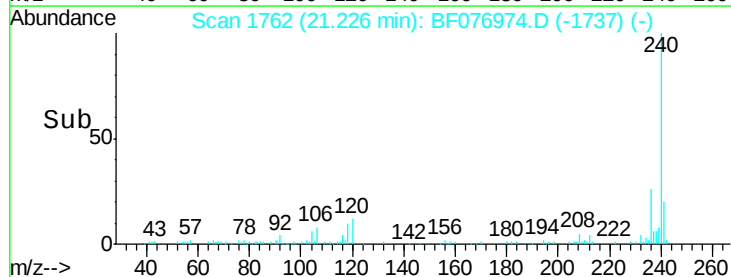
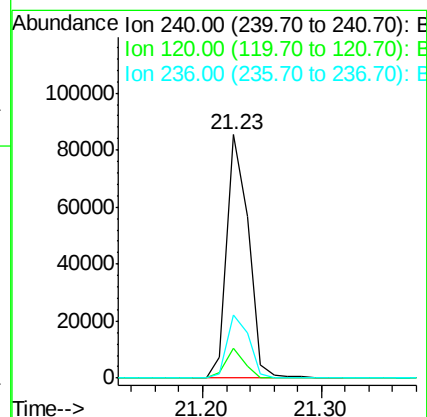
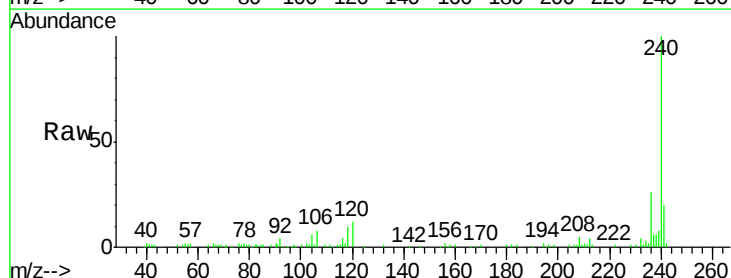
Instrument :
BNA_F
ClientSampleId :
MPE-9

Tot Ion:188 Resp: 113025
Ion Ratio Lower Upper
188 100
94 9.3 6.0 9.0#
80 9.4 6.9 10.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF076974.D
Acq: 20 Jan 2015 21:55

Tgt Ion:240 Resp: 107676
Ion Ratio Lower Upper
240 100
120 12.4 10.4 15.6
236 26.1 20.2 30.2





#78

Terphenyl-d14

Concen: 84.07 ng

RT: 19.97 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF076974.D

Acq: 20 Jan 2015 21:55

Instrument :

BNA_F

ClientSampleId :

MPE-9

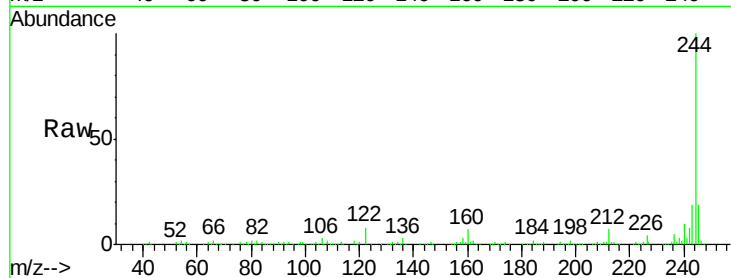
Tot Ion:244 Resp: 393215

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

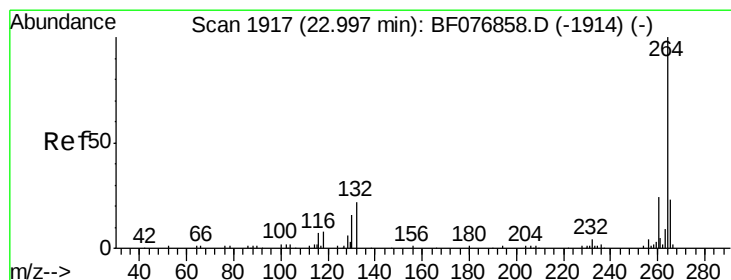
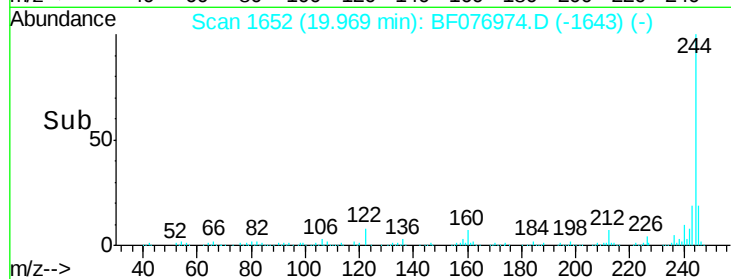
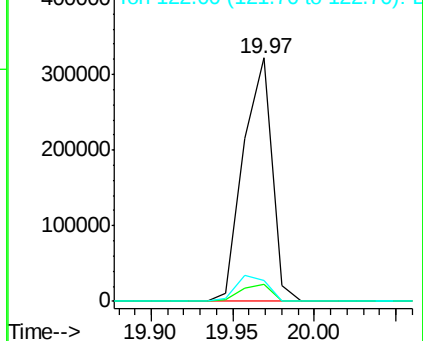
122 8.4 10.1 15.1#



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: 22.87 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BF076974.D

Acq: 20 Jan 2015 21:55

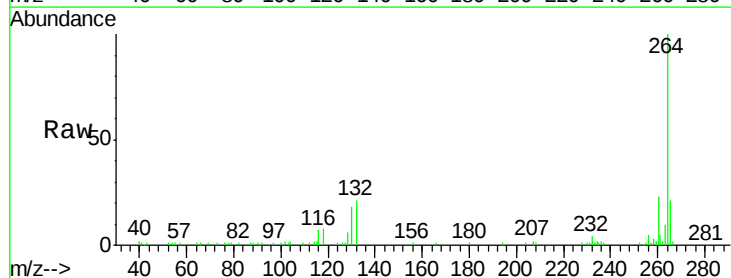
Tgt Ion:264 Resp: 99261

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 21.0 18.1 27.1



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

