

Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF011315\
 Data File : BF076850.D
 Acq On : 13 Jan 2015 19:10
 Operator : IZ / TP
 Sample : G1069-02
 Misc : W DOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0412

Quant Time: Jan 14 10:46:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27760	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	114212	20.00	ng	-0.03
38) Acenaphthene-d10	15.08	164	60036	20.00	ng	-0.06
63) Phenanthrene-d10	17.82	188	97664	20.00	ng	-0.03
75) Chrysene-d12	21.31	240	94671	20.00	ng	-0.05
86) Perylene-d12	22.95	264	92199	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	87722	52.73	ng	-0.05
7) Phenol-d6	7.45	99	61733	29.48	ng	-0.05
23) Nitrobenzene-d5	9.35	82	196062	95.39	ng	-0.03
41) 2,4,6-Tribromophenol	16.73	330	72730	145.14	ng	-0.05
44) 2-Fluorobiphenyl	13.60	172	389291	95.43	ng	-0.05
78) Terphenyl-d14	20.04	244	380189	88.17	ng	-0.03

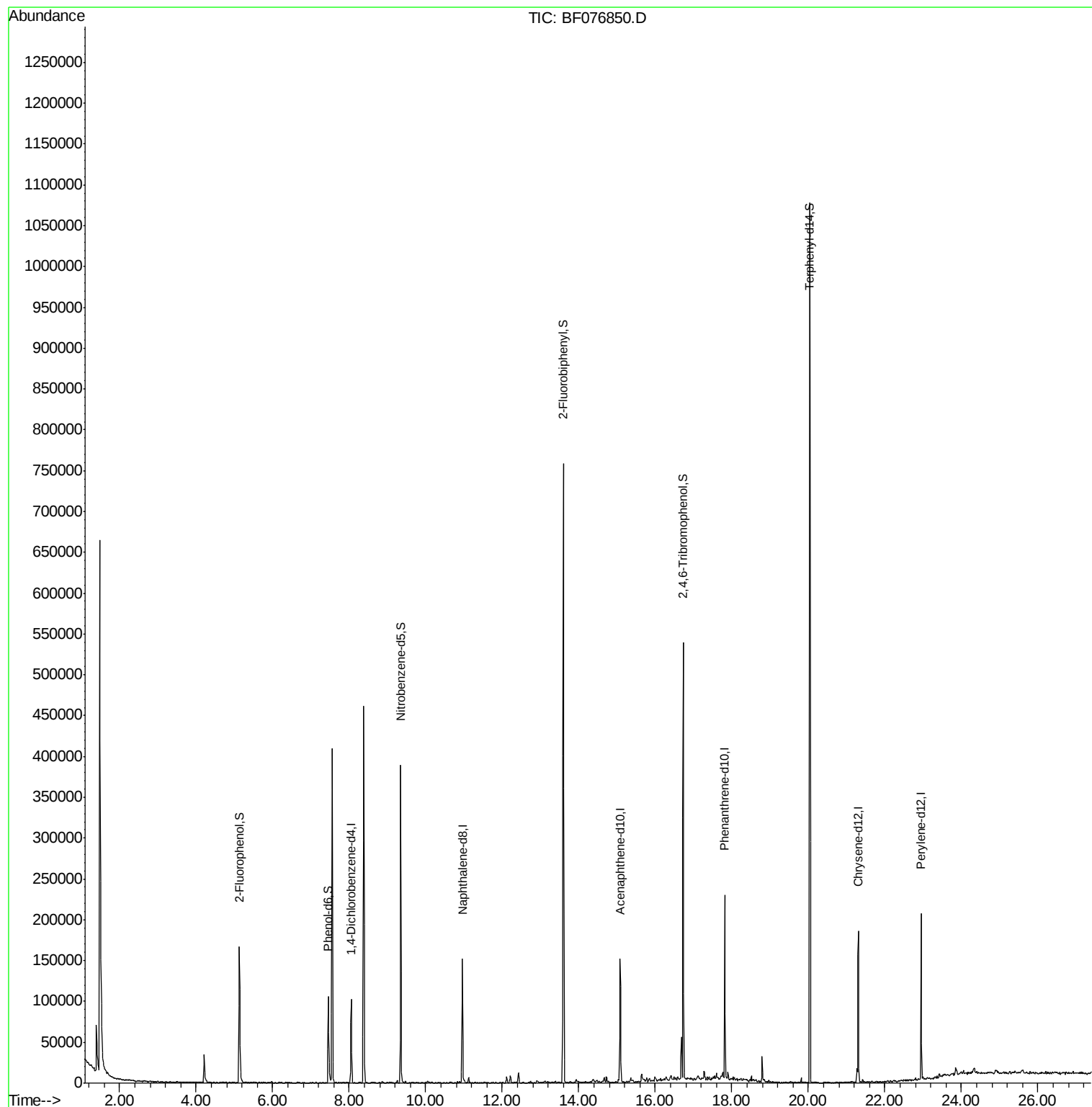
Target Compounds Qvalue

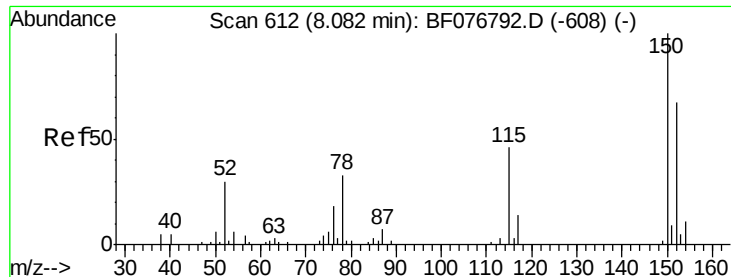
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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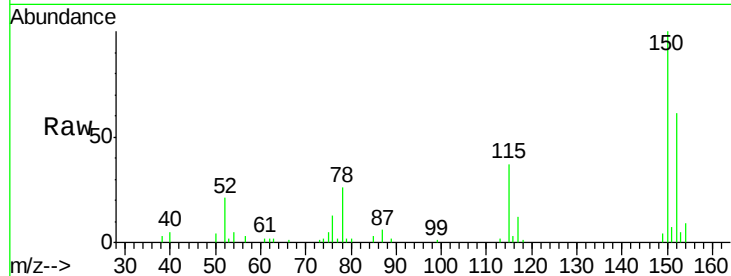


#1

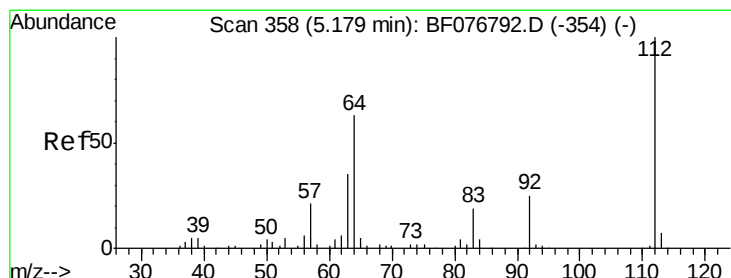
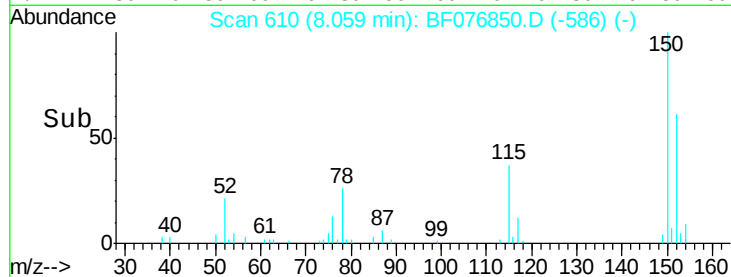
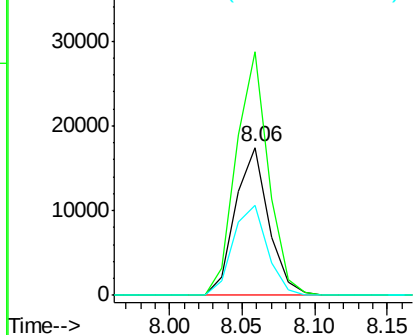
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF076850.D
Acq: 13 Jan 2015 19:10

Instrument :
BNA_F
ClientSampleId :
S8-0412

Tot Ion:152 Resp: 27760
Ion Ratio Lower Upper
152 100
150 164.3 119.5 179.3
115 61.0 54.6 81.8



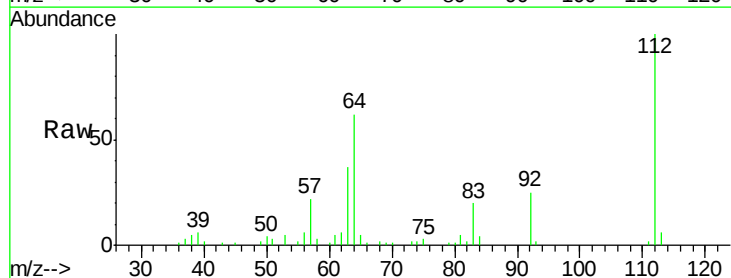
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



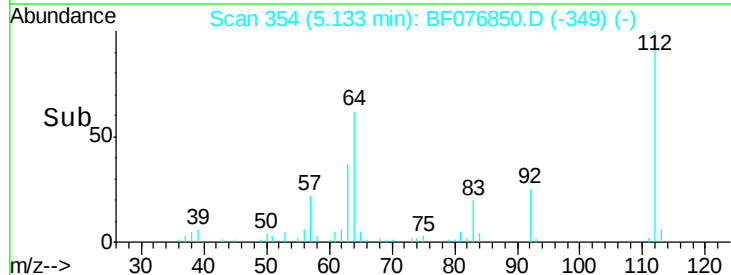
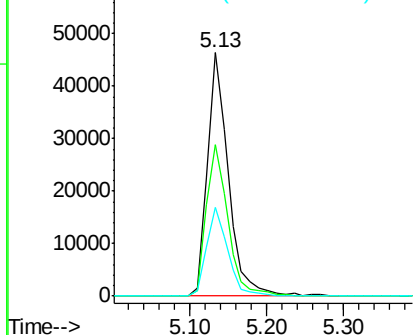
#5

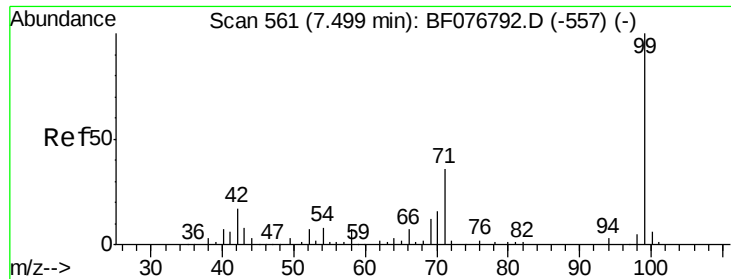
2-Fluorophenol
Concen: 52.73 ng
RT: 5.13 min Scan# 354
Delta R.T. -0.05 min
Lab File: BF076850.D
Acq: 13 Jan 2015 19:10

Tgt Ion:112 Resp: 87722
Ion Ratio Lower Upper
112 100
64 62.0 50.2 75.4
63 36.7 27.8 41.6



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: 29.48 ng

RT: 7.45 min Scan# 557

Delta R.T. -0.05 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

S8-0412

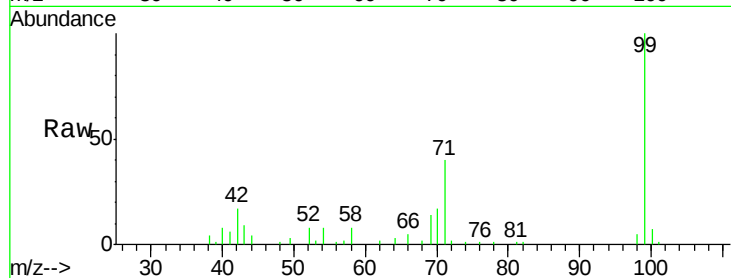
Tot Ion: 99 Resp: 61733

Ion Ratio Lower Upper

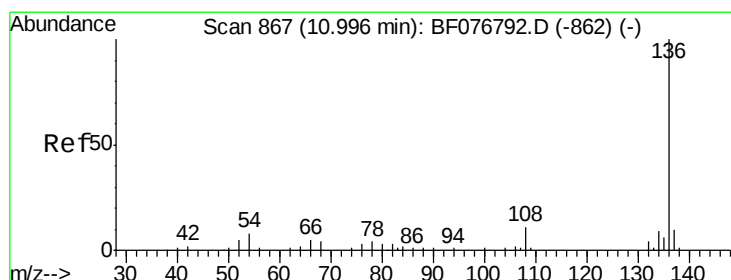
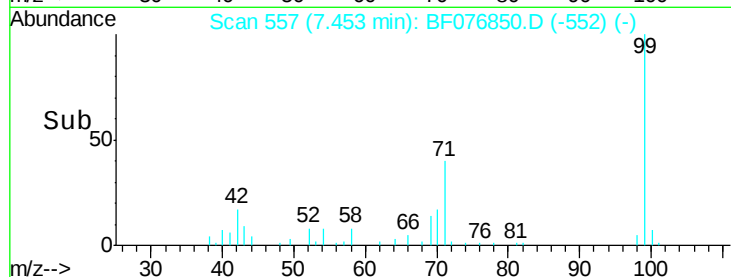
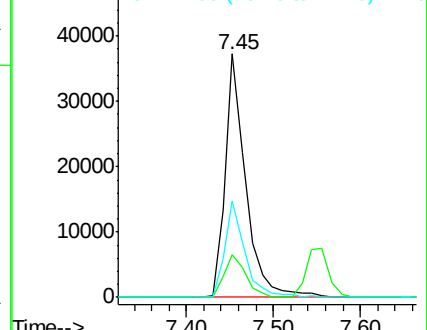
99 100

42 17.5 13.3 19.9

71 39.6 29.2 43.8



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: 10.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

Tgt Ion: 136 Resp: 114212

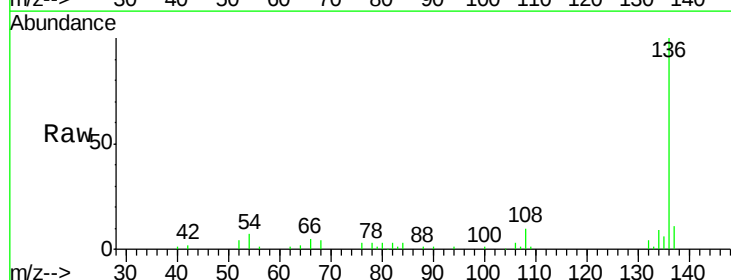
Ion Ratio Lower Upper

136 100

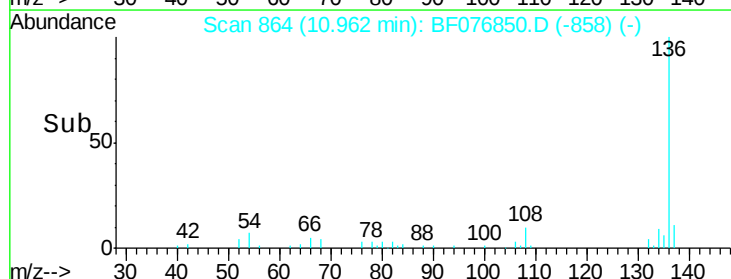
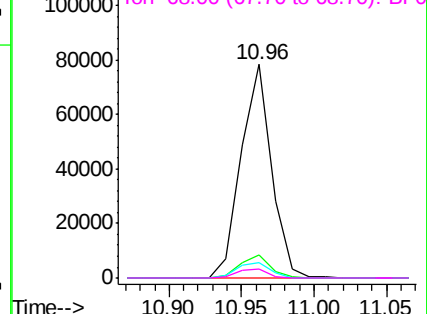
137 11.1 8.1 12.1

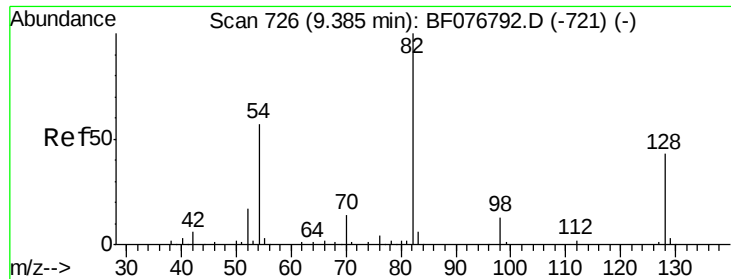
54 7.3 6.3 9.5

68 4.3 3.4 5.0



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

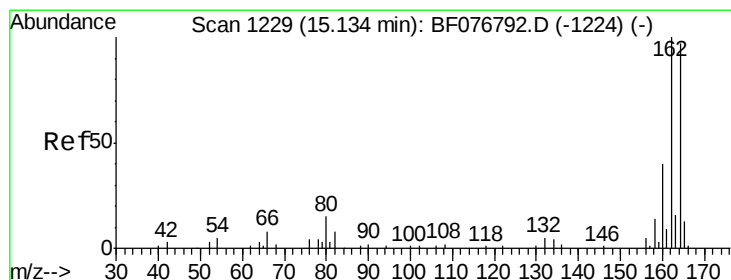
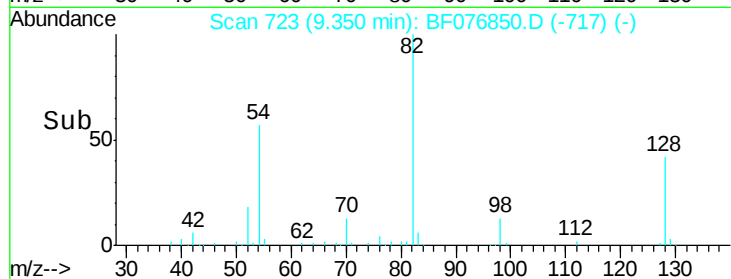
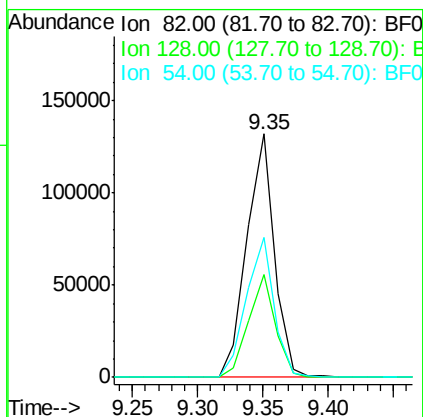
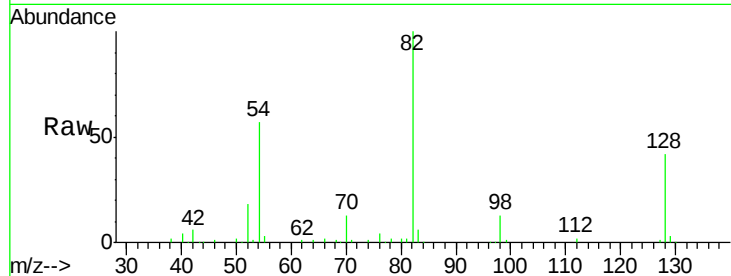




#23
 Nitrobenzene-d5
 Concen: 95.39 ng
 RT: 9.35 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF076850.D
 Acq: 13 Jan 2015 19:10

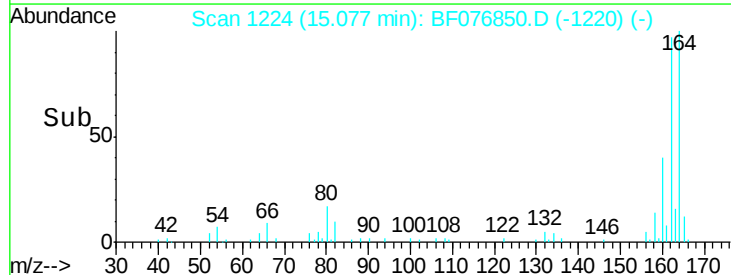
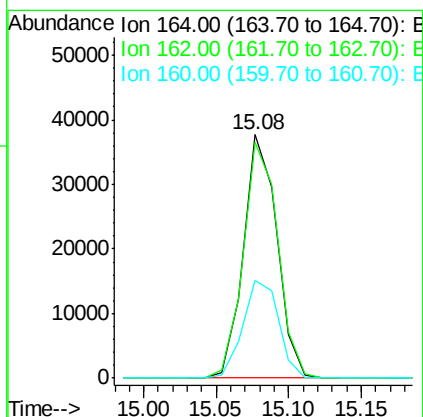
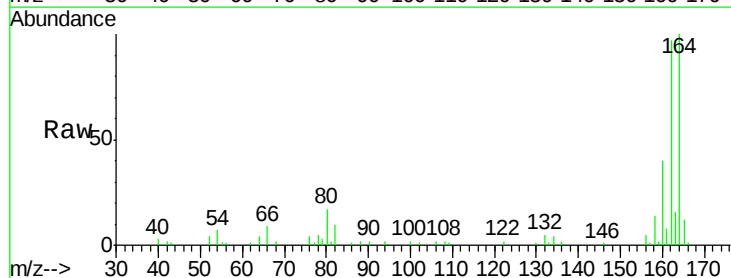
Instrument :
 BNA_F
 ClientSampleId :
 S8-0412

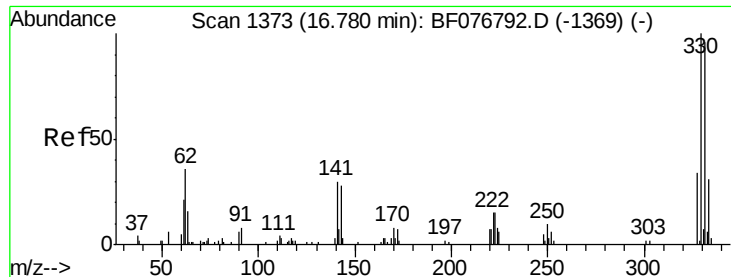
Tot Ion	82	Resp	196062
Ion Ratio	Lower	Upper	
82	100		
128	42.4	34.0	51.0
54	57.3	45.6	68.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.08 min Scan# 1224
 Delta R.T. -0.06 min
 Lab File: BF076850.D
 Acq: 13 Jan 2015 19:10

Tgt Ion	164	Resp	60036
Ion Ratio	Lower	Upper	
164	100		
162	96.9	82.5	123.7
160	40.1	33.1	49.7

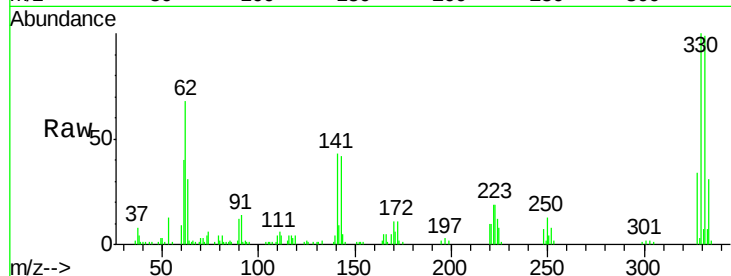




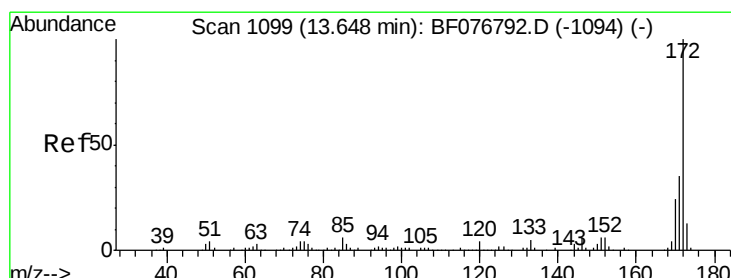
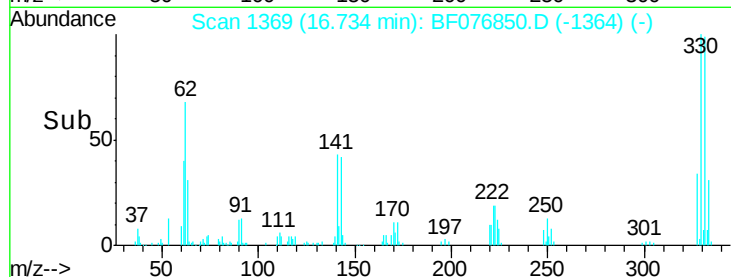
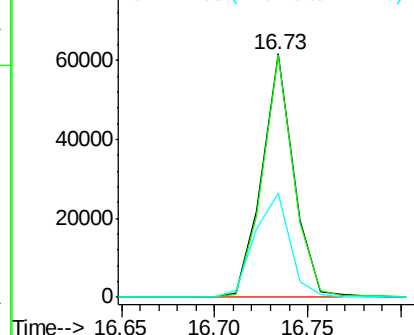
#41
 2,4,6-Tribromophenol
 Concen: 145.14 ng
 RT: 16.73 min Scan# 1369
 Delta R.T. -0.05 min
 Lab File: BF076850.D
 Acq: 13 Jan 2015 19:10

Instrument :
 BNA_F
 ClientSampled :
 S8-0412

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	74.8	112.2
141	47.3	42.4	63.6

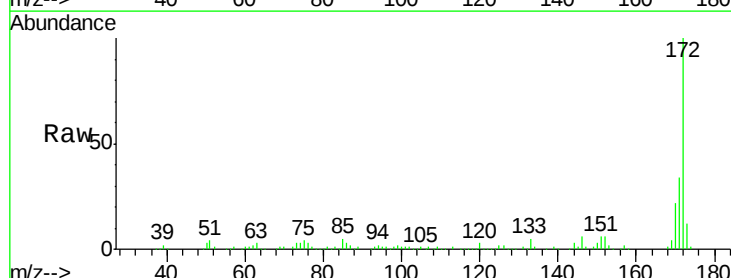


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

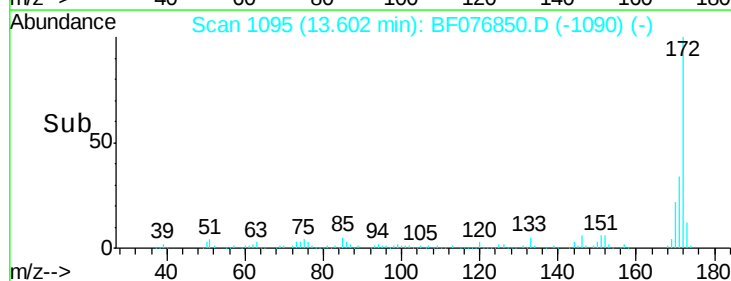
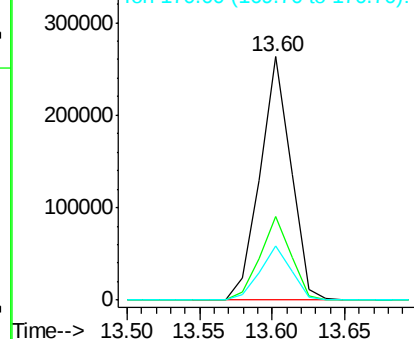


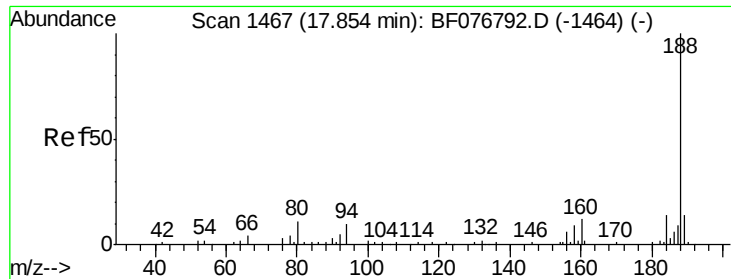
#44
 2-Fluorobiphenyl
 Concen: 95.43 ng
 RT: 13.60 min Scan# 1095
 Delta R.T. -0.05 min
 Lab File: BF076850.D
 Acq: 13 Jan 2015 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.8	41.8
170	22.1	18.8	28.2



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: 17.82 min Scan# 1464

Delta R.T. -0.03 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

S8-0412

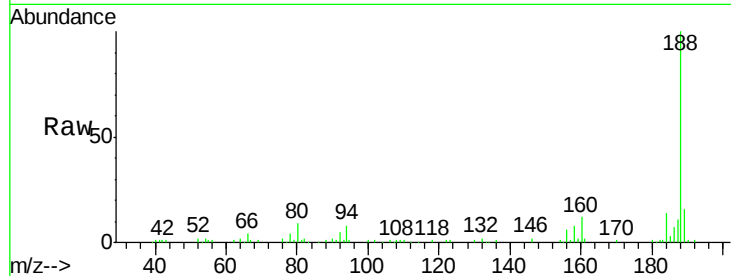
Tot Ion:188 Resp: 97664

Ion Ratio Lower Upper

188 100

94 7.9 7.8 11.6

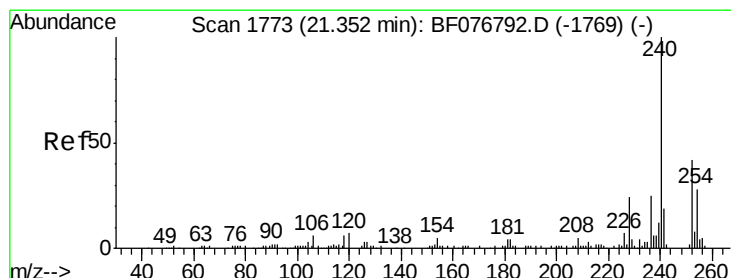
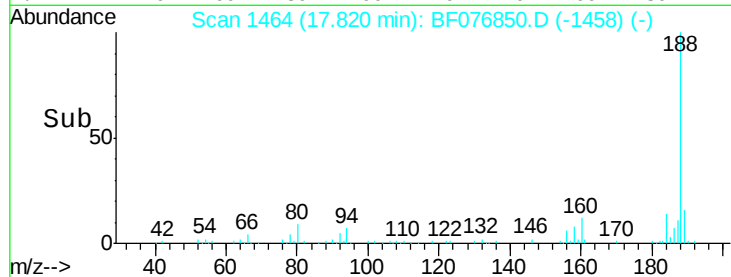
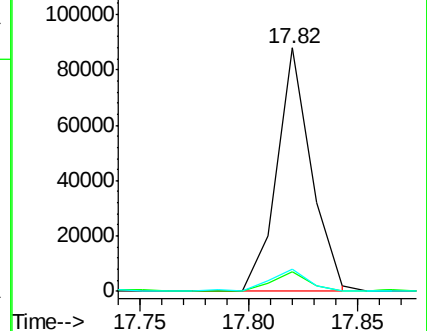
80 9.1 8.6 13.0



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: 21.31 min Scan# 1769

Delta R.T. -0.05 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

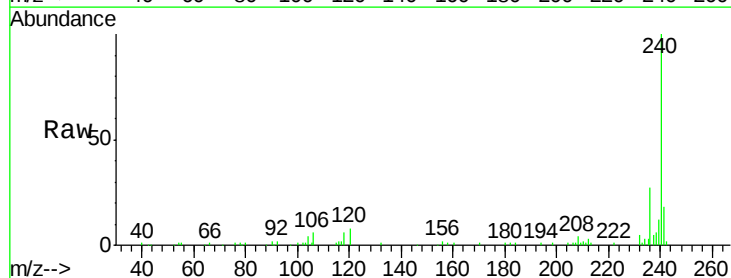
Tgt Ion:240 Resp: 94671

Ion Ratio Lower Upper

240 100

120 7.9 5.7 8.5

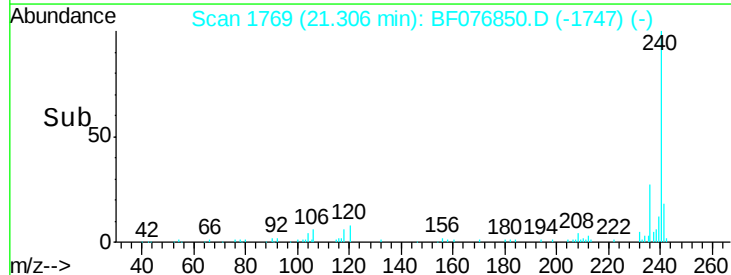
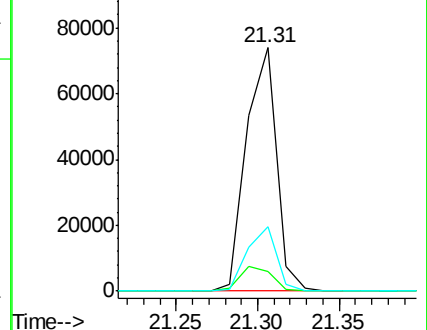
236 26.6 19.7 29.5

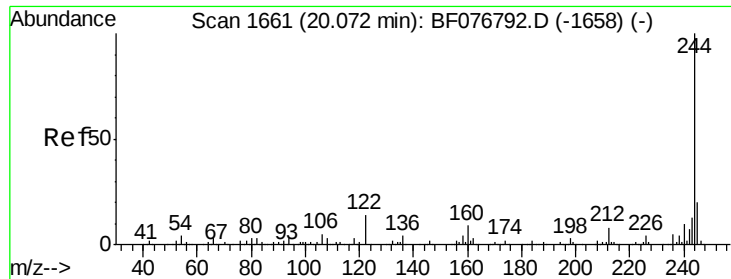


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.17 ng

RT: 20.04 min Scan# 1658

Delta R.T. -0.03 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

Instrument :

BNA_F

ClientSampleId :

S8-0412

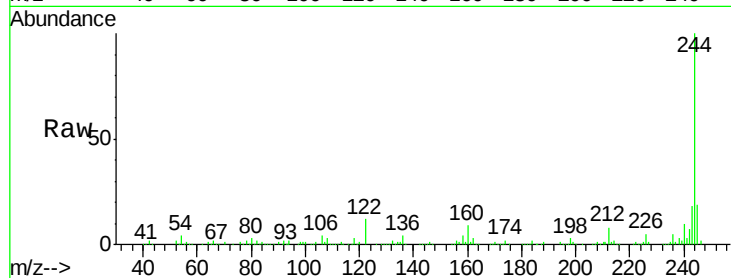
Tot Ion:244 Resp: 380189

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

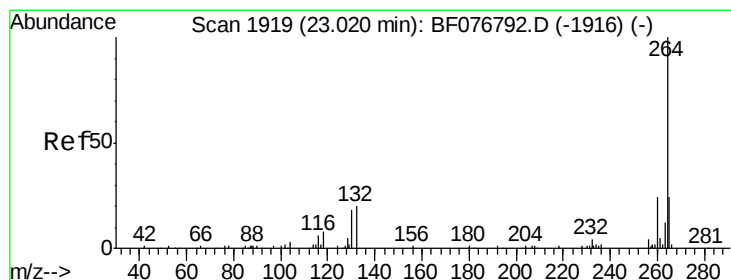
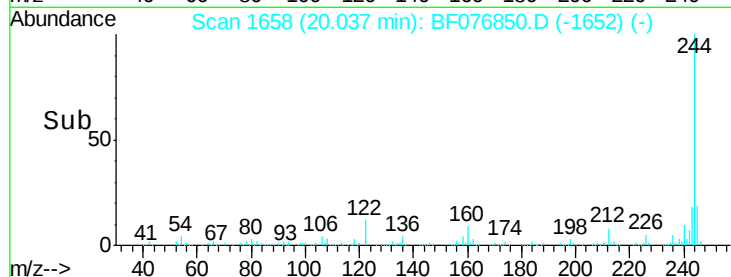
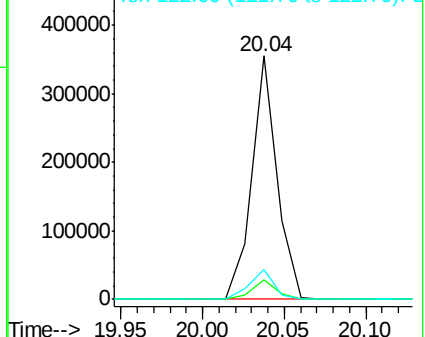
122 12.2 11.3 16.9



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: 22.95 min Scan# 1913

Delta R.T. -0.07 min

Lab File: BF076850.D

Acq: 13 Jan 2015 19:10

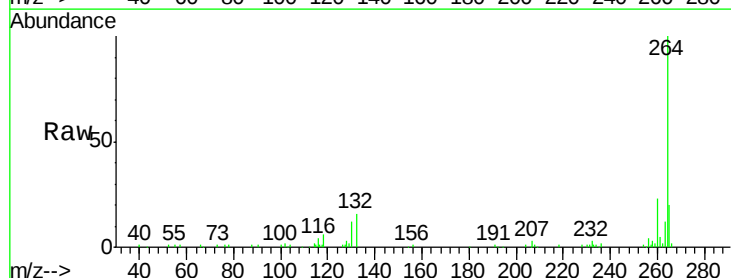
Tgt Ion:264 Resp: 92199

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

265 19.7 18.9 28.3



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

