

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
 Data File : BF076753.D
 Acq On : 6 Jan 2015 11:42
 Operator : IZ / TP
 Sample : PB81192BL
 Misc : W
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81192BL

Quant Time: Jan 07 00:27:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 07 00:04:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	42578	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	180247	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	98710	20.00	ng	-0.01
63) Phenanthrene-d10	12.27	188	179518	20.00	ng	0.00
75) Chrysene-d12	15.50	240	174289	20.00	ng	-0.02
86) Perylene-d12	17.17	264	150096	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	308443	122.81	ng	0.00
7) Phenol-d6	6.30	99	380955	124.19	ng	-0.01
23) Nitrobenzene-d5	7.42	82	233692	77.11	ng	-0.01
41) 2,4,6-Tribromophenol	11.42	330	103690	124.29	ng	-0.01
44) 2-Fluorobiphenyl	9.65	172	473514	74.65	ng	-0.01
78) Terphenyl-d14	14.25	244	528474	66.88	ng	-0.01

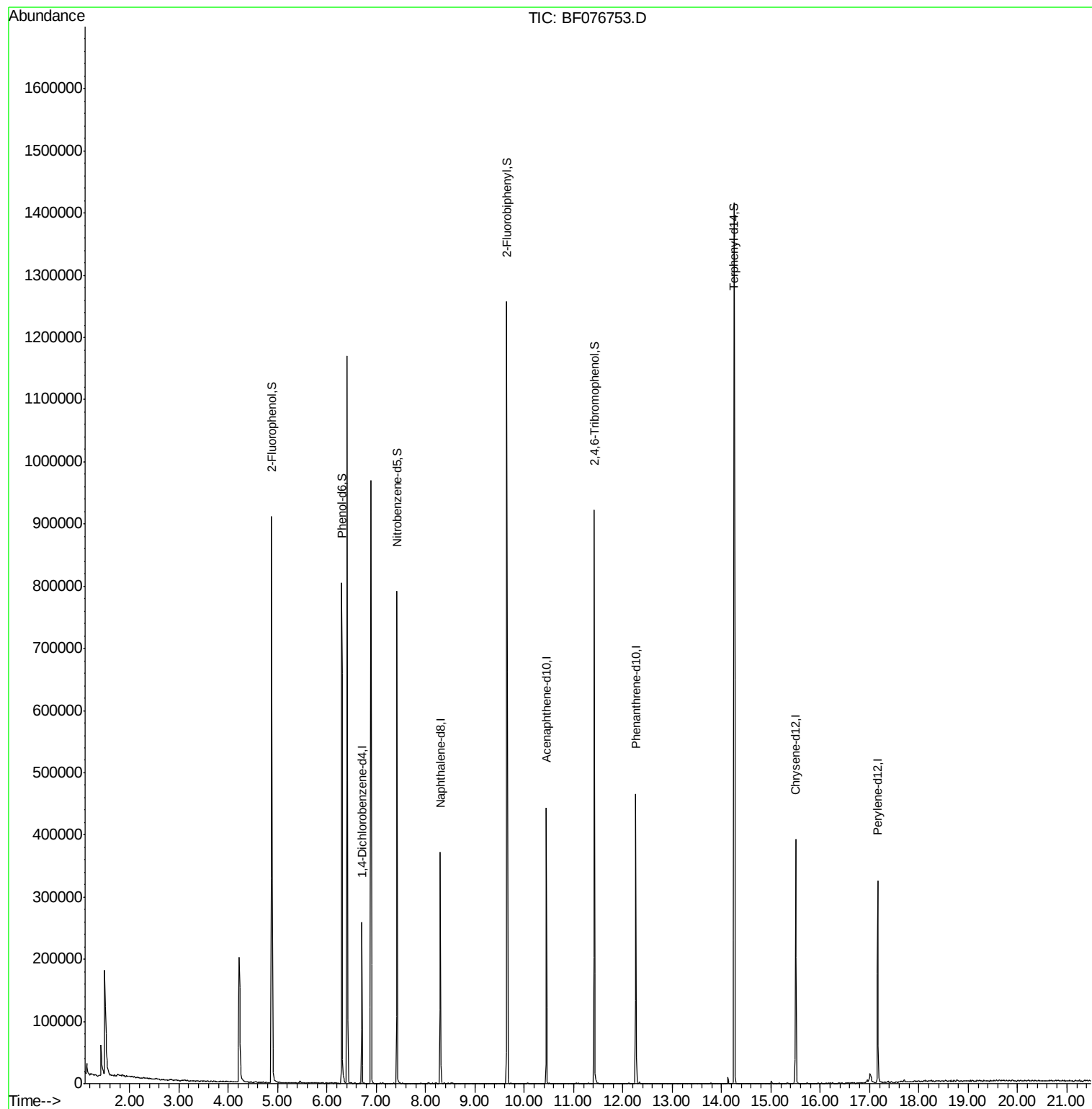
Target Compounds Qvalue

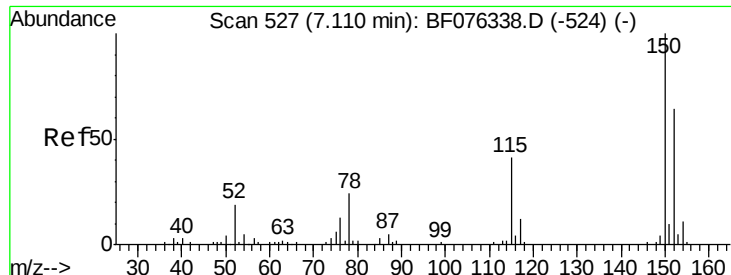
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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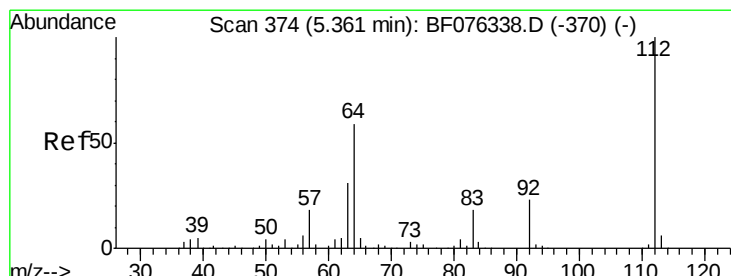
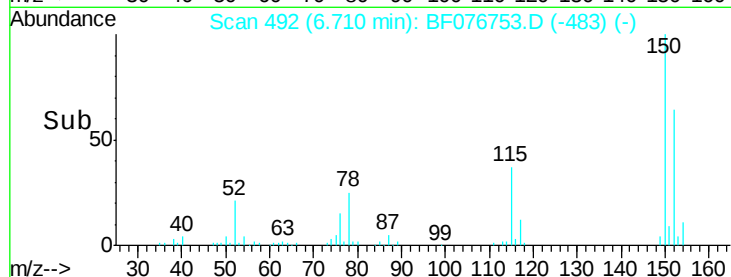
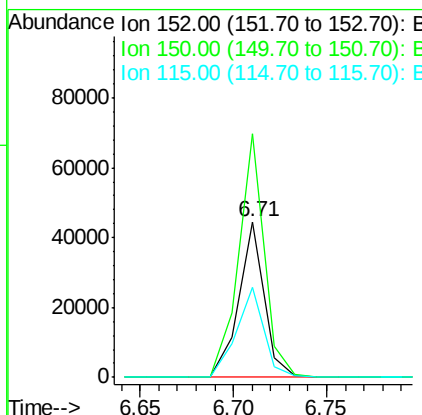
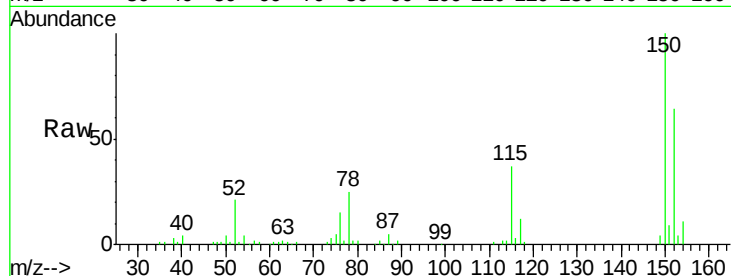




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.71 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF076753.D
 Acq: 6 Jan 2015 11:42

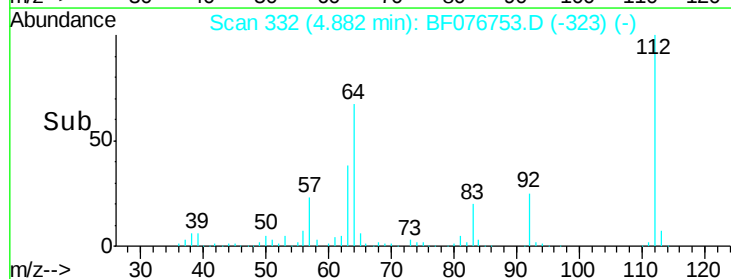
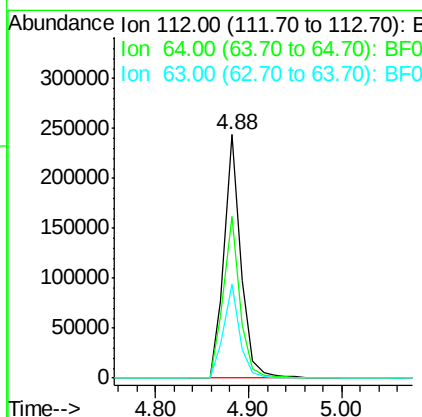
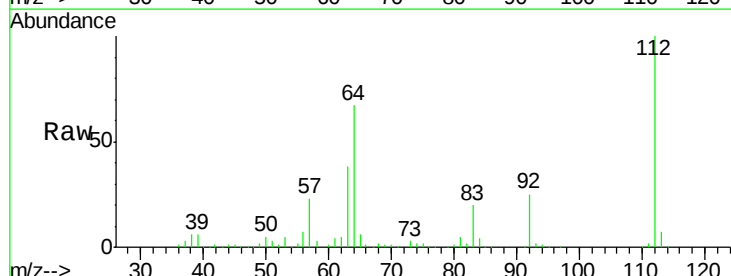
Instrument :
 BNA_F
 ClientSampleId :
 PB81192BL

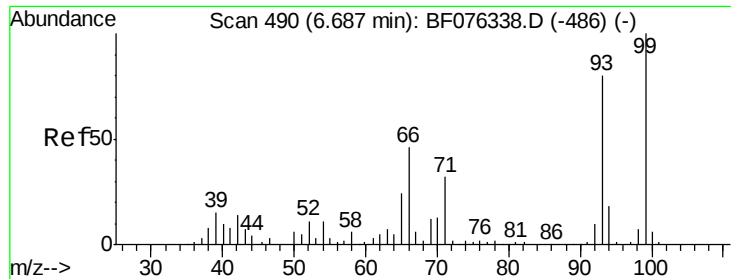
Tot Ion:152 Resp: 42578
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.2 187.8
 115 58.0 51.4 77.0



#5
 2-Fluorophenol
 Concen: 122.81 ng
 RT: 4.88 min Scan# 332
 Delta R.T. 0.00 min
 Lab File: BF076753.D
 Acq: 6 Jan 2015 11:42

Tgt Ion:112 Resp: 308443
 Ion Ratio Lower Upper
 112 100
 64 66.6 47.4 71.0
 63 38.5 25.0 37.4#





#7

Phenol-d6

Concen: 124.19 ng

RT: 6.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF076753.D

Acq: 6 Jan 2015 11:42

Instrument :

BNA_F

ClientSampleId :

PB81192BL

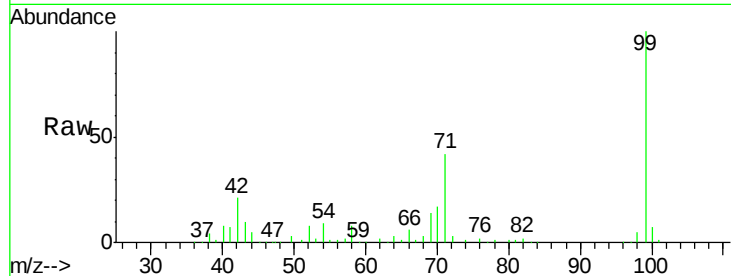
Tot Ion: 99 Resp: 380955

Ion Ratio Lower Upper

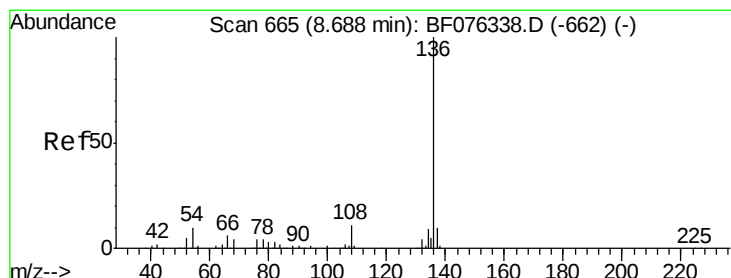
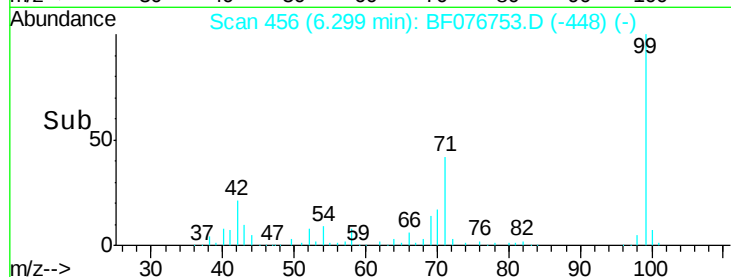
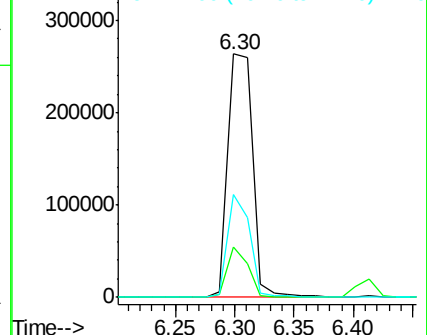
99 100

42 20.7 11.6 17.4#

71 42.5 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: BF076753.D

Acq: 6 Jan 2015 11:42

Tgt Ion: 136 Resp: 180247

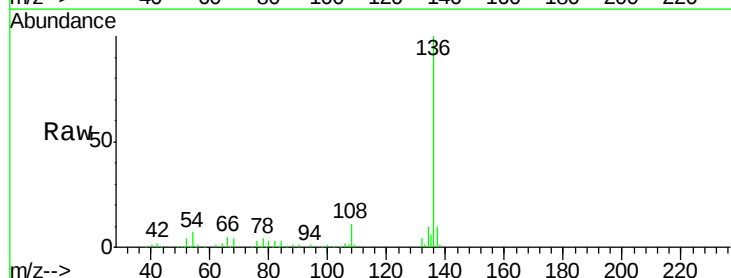
Ion Ratio Lower Upper

136 100

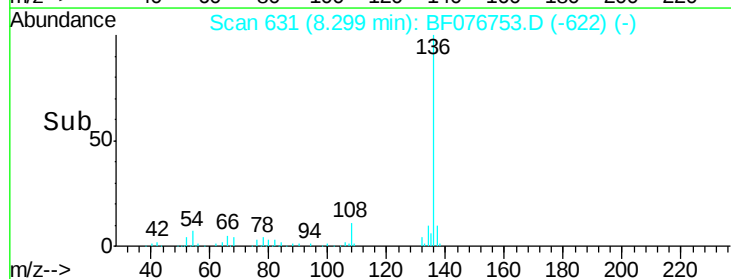
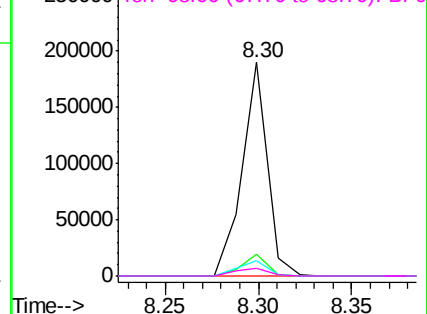
137 10.4 8.4 12.6

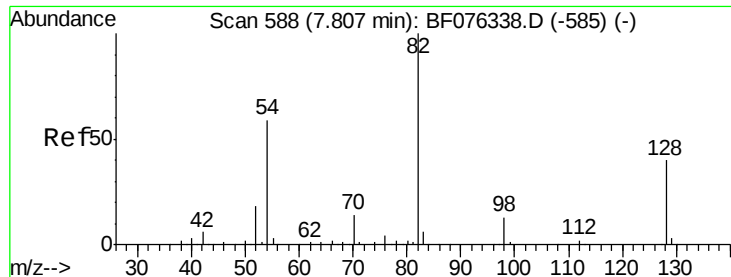
54 7.1 7.8 11.6#

68 3.8 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

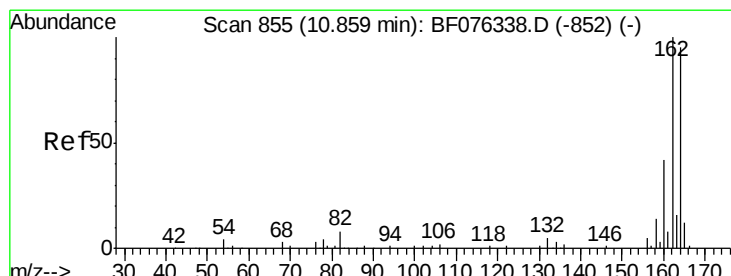
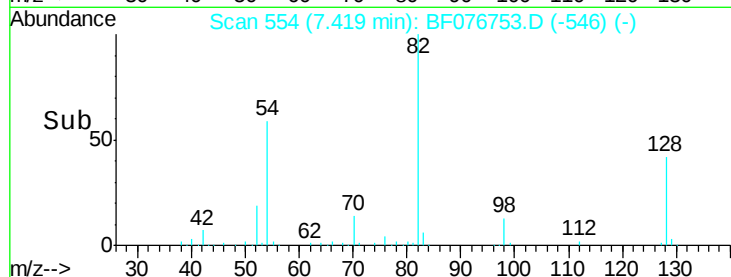
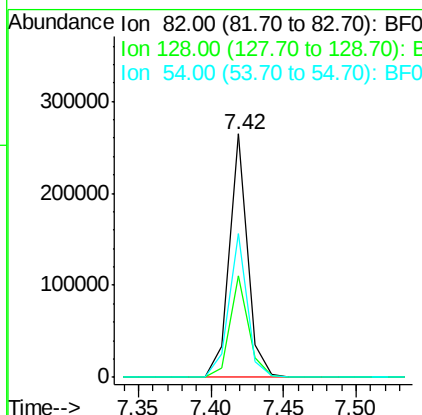
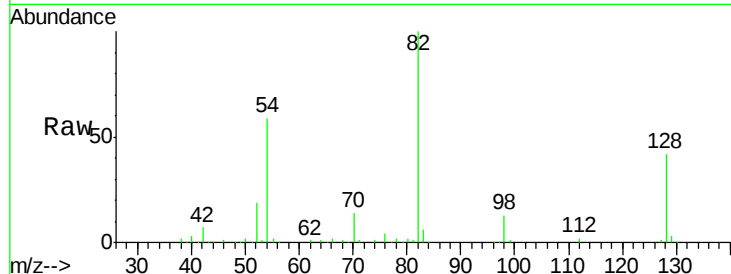




#23
Nitrobenzene-d5
Concen: 77.11 ng
RT: 7.42 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF076753.D
Acq: 6 Jan 2015 11:42

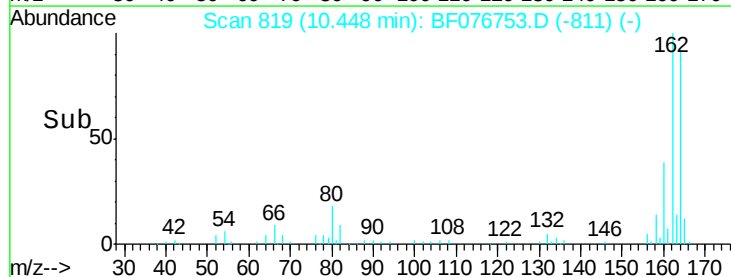
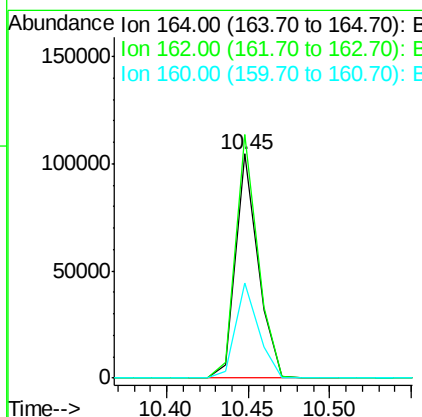
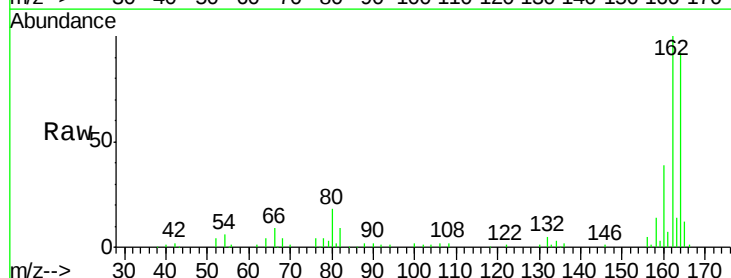
Instrument :
BNA_F
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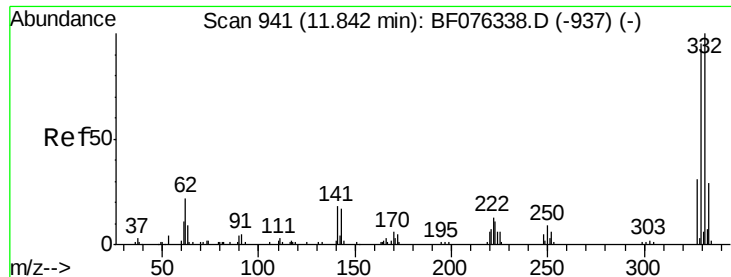
Tot Ion: 82 Resp: 233692
Ion Ratio Lower Upper
82 100
128 41.9 31.9 47.9
54 59.1 47.2 70.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF076753.D
Acq: 6 Jan 2015 11:42

Tgt Ion:164 Resp: 98710
Ion Ratio Lower Upper
164 100
162 108.7 84.2 126.2
160 42.4 35.5 53.3

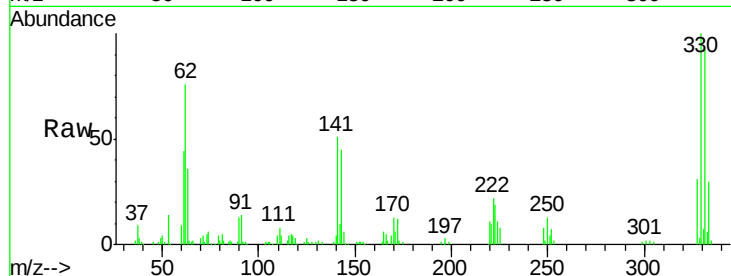




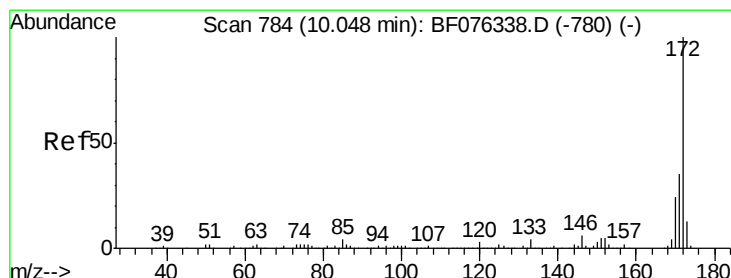
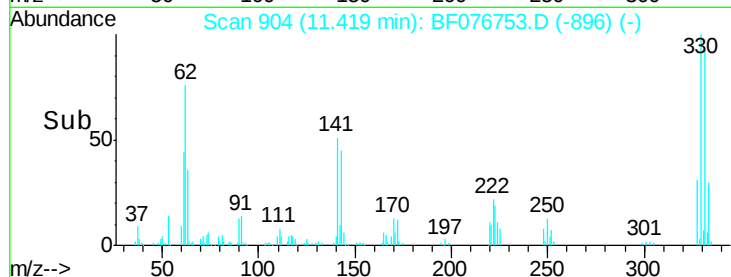
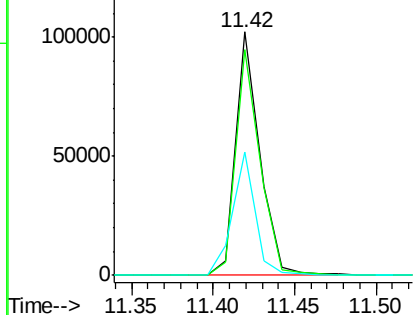
#41
 2,4,6-Tribromophenol
 Concen: 124.29 ng
 RT: 11.42 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF076753.D
 Acq: 6 Jan 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB81192BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	0.0	0.0#
141	48.0	0.0	0.0#

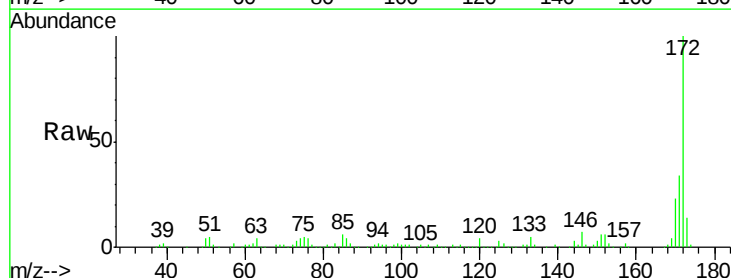


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

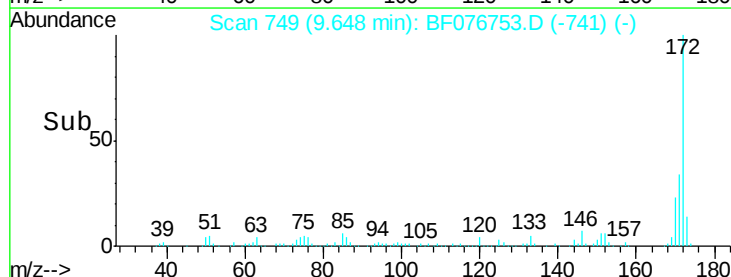
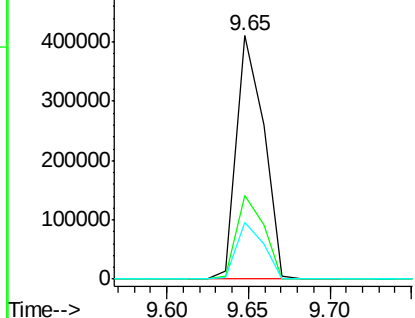


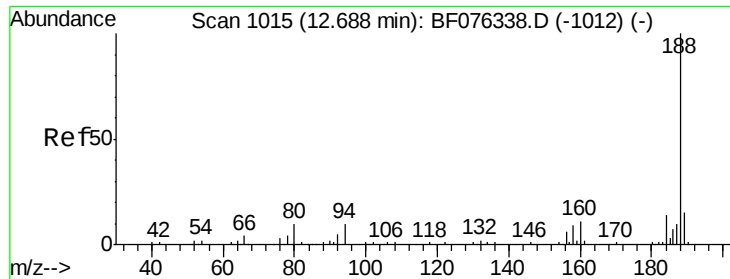
#44
 2-Fluorobiphenyl
 Concen: 74.65 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF076753.D
 Acq: 6 Jan 2015 11:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	23.3	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

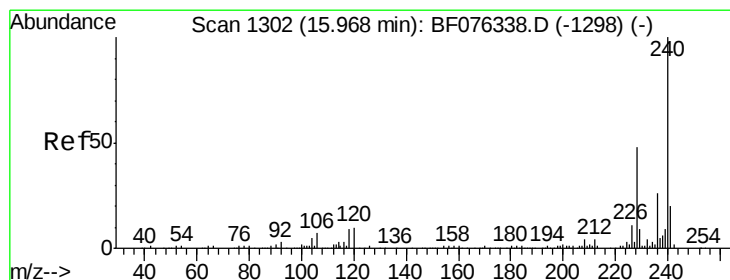
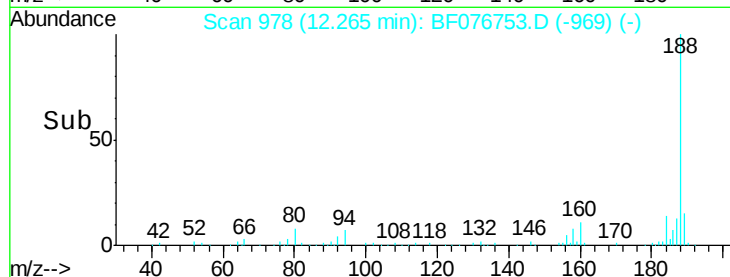
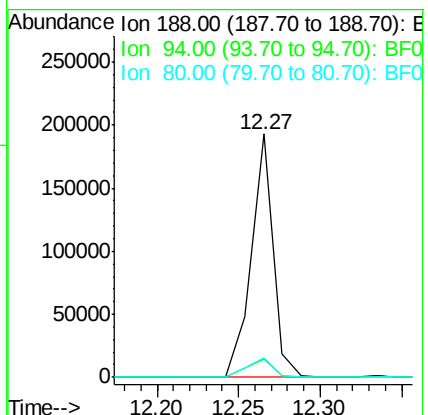
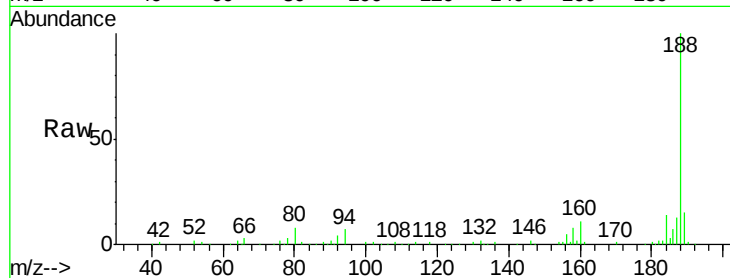




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF076753.D
Acq: 6 Jan 2015 11:42

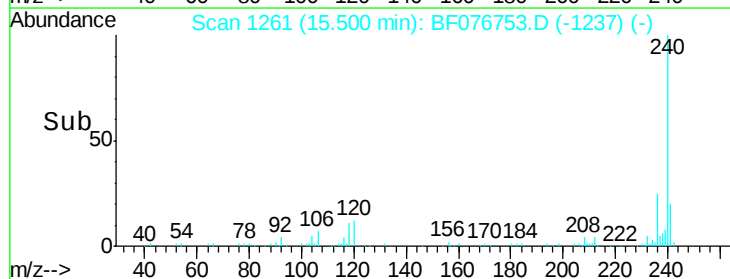
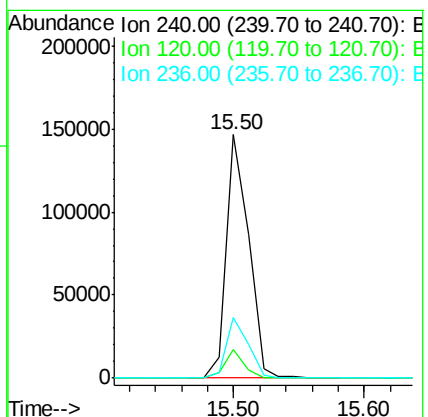
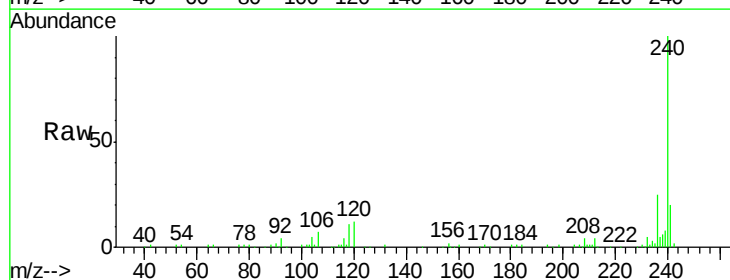
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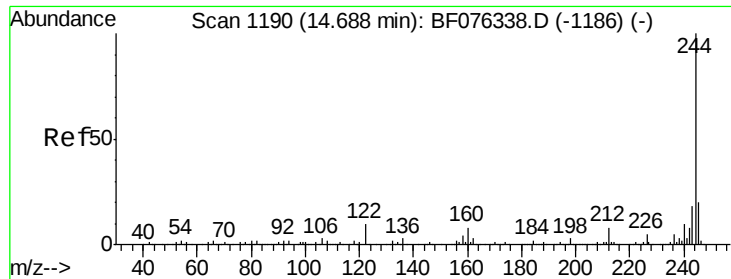
Tot Ion:188 Resp: 179518
Ion Ratio Lower Upper
188 100
94 7.3 7.9 11.9#
80 8.0 8.2 12.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BF076753.D
Acq: 6 Jan 2015 11:42

Tgt Ion:240 Resp: 174289
Ion Ratio Lower Upper
240 100
120 11.8 8.0 12.0
236 24.7 20.6 30.8

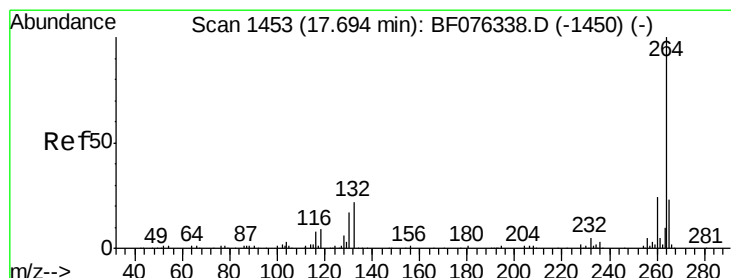
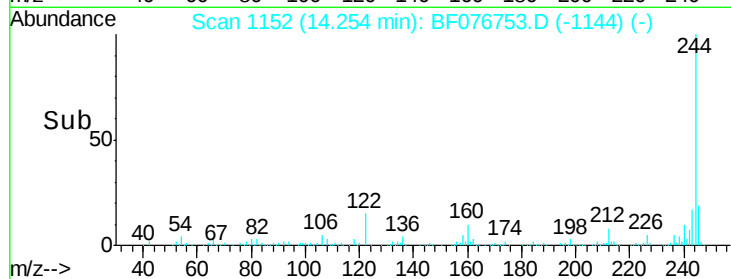
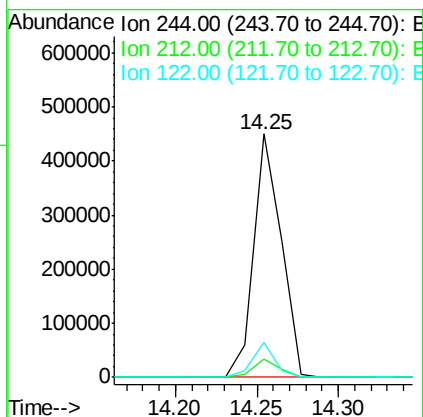
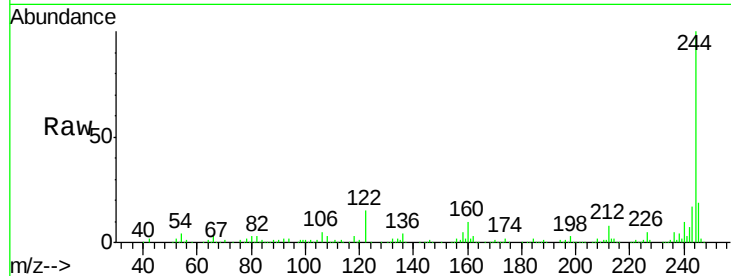




#78
 Terphenyl-d14
 Concen: 66.88 ng
 RT: 14.25 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF076753.D
 Acq: 6 Jan 2015 11:42

Instrument :
 BNA_F
 ClientSampleId :
 PB81192BL

Tot Ion:244 Resp: 528474
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 14.6 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.17 min Scan# 1407
 Delta R.T. -0.08 min
 Lab File: BF076753.D
 Acq: 6 Jan 2015 11:42

Tgt Ion:264 Resp: 150096
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 20.3 18.1 27.1

