

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077477.D
 Acq On : 26 Feb 2015 20:57
 Operator : TP/IZ
 Sample : PB81894BL
 Misc : W/DOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BL

Quant Time: Feb 27 03:17:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 17:14:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	81408	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	336488	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	174965	20.00	ng	-0.01
63) Phenanthrene-d10	12.87	188	356804	20.00	ng	0.00
75) Chrysene-d12	16.16	240	395307	20.00	ng	-0.02
86) Perylene-d12	17.89	264	394611	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	443986	91.05	ng	0.00
7) Phenol-d6	6.82	99	513206	81.85	ng	-0.01
23) Nitrobenzene-d5	7.96	82	315900	58.38	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	158249	93.93	ng	-0.01
44) 2-Fluorobiphenyl	10.19	172	743132	66.23	ng	0.00
78) Terphenyl-d14	14.85	244	910933	53.87	ng	-0.01

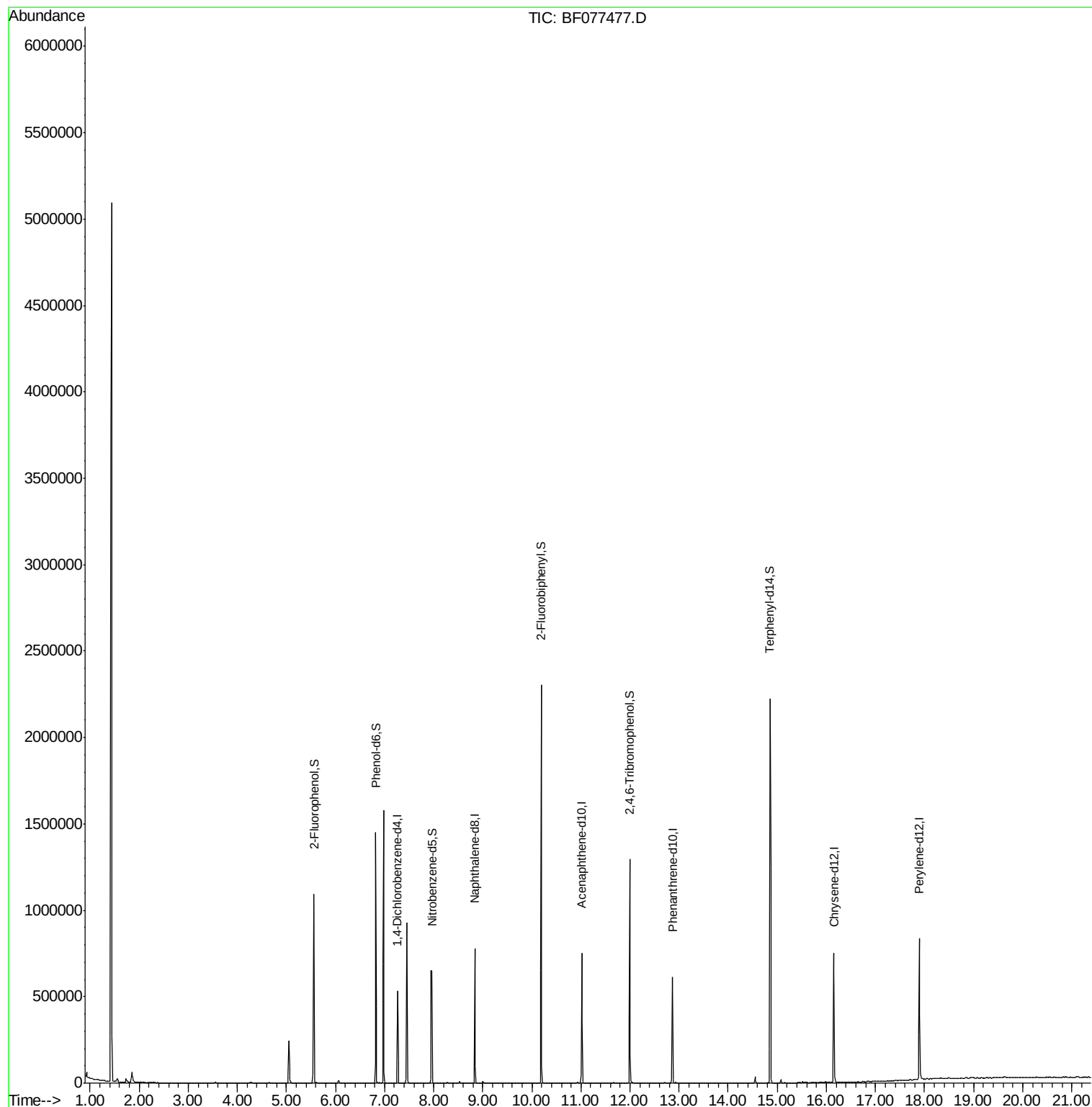
Target Compounds	Qvalue
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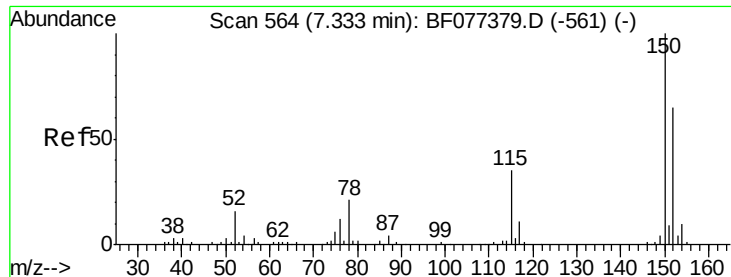
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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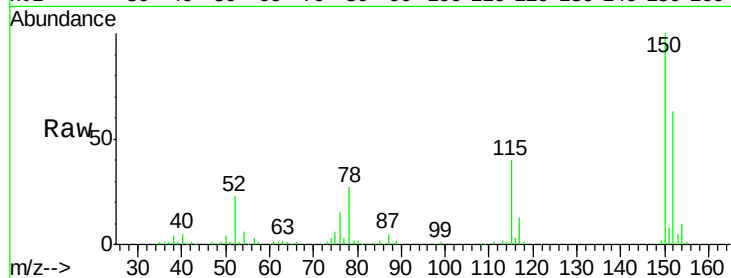


#1

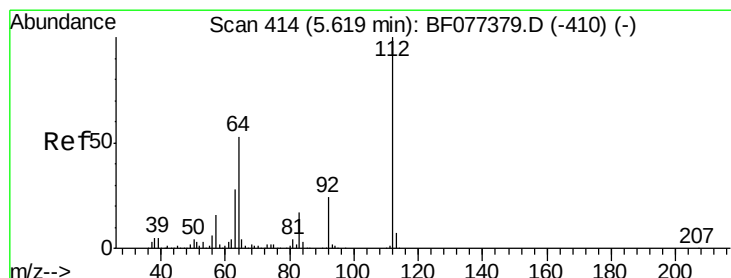
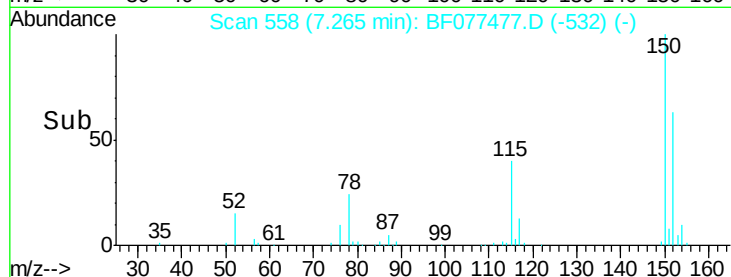
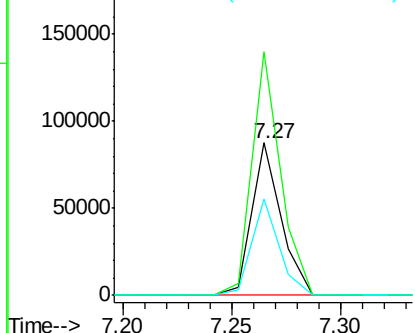
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.26 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF077477.D
 Acq: 26 Feb 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BL

Tgt Ion:152 Resp: 81408
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.0 186.0
 115 63.3 49.4 74.2



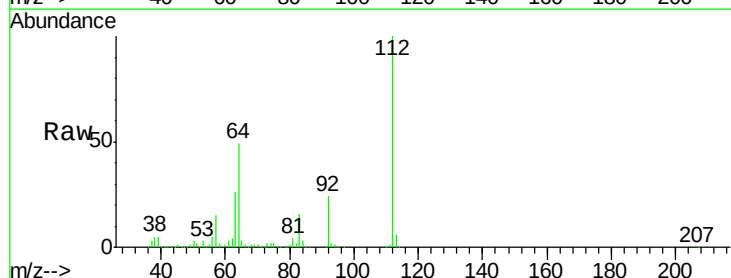
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



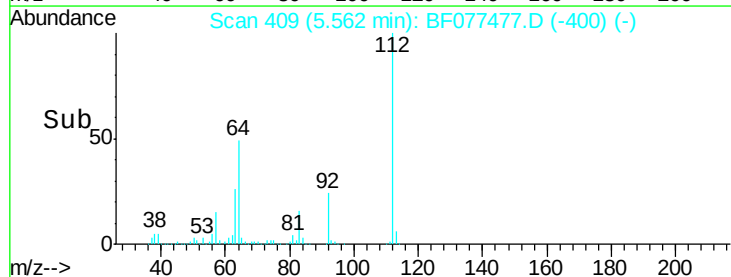
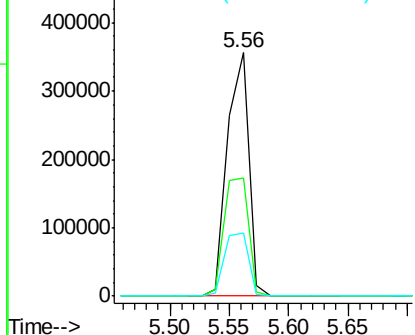
#5

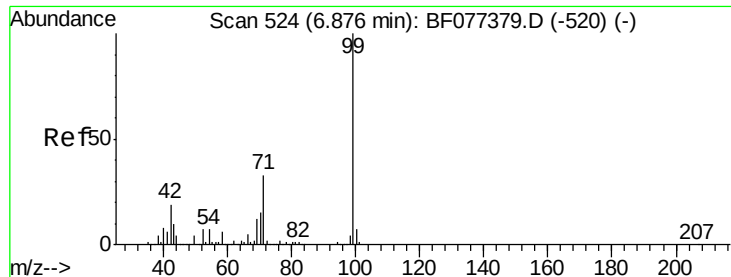
2-Fluorophenol
 Concen: 91.05 ng
 RT: 5.56 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BF077477.D
 Acq: 26 Feb 2015 20:57

Tgt Ion:112 Resp: 443986
 Ion Ratio Lower Upper
 112 100
 64 48.6 48.5 72.7
 63 25.7 25.0 37.4



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: 81.85 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF077477.D

Acq: 26 Feb 2015 20:57

Instrument :

BNA_F

ClientSampleId :

PB81894BL

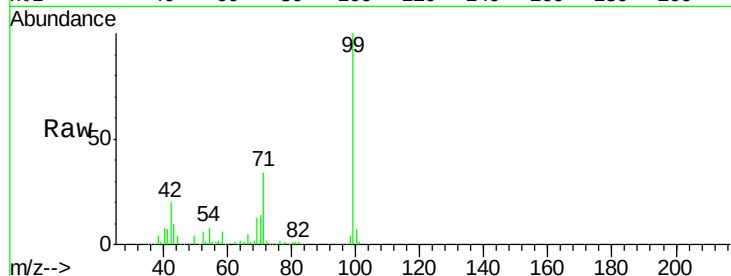
Tgt Ion: 99 Resp: 513206

Ion Ratio Lower Upper

99 100

42 19.5 16.2 24.4

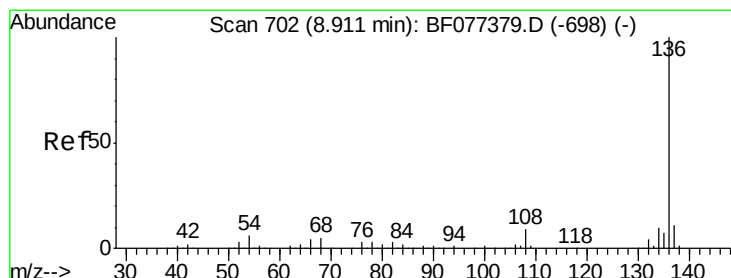
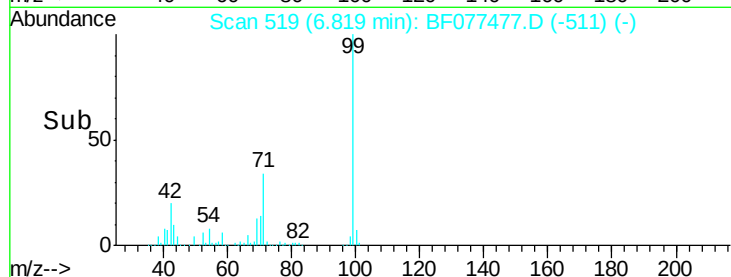
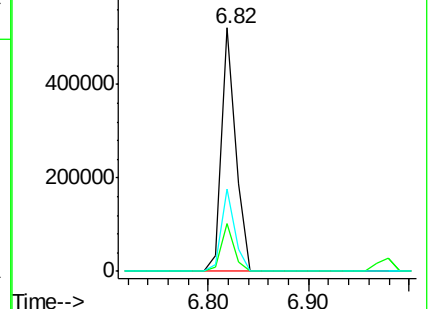
71 34.0 26.7 40.1



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: 8.84 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF077477.D

Acq: 26 Feb 2015 20:57

Tgt Ion: 136 Resp: 336488

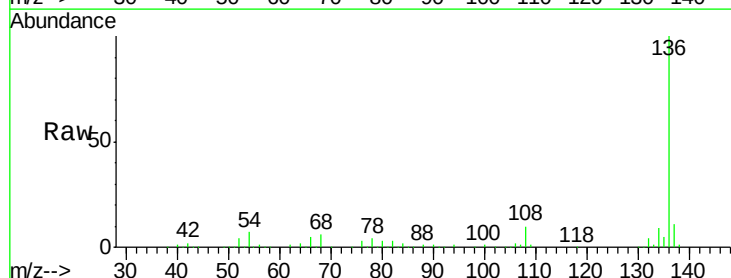
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.3 6.2 9.4

68 5.5 5.0 7.6

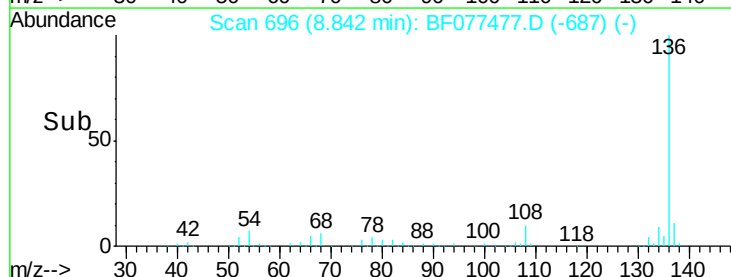
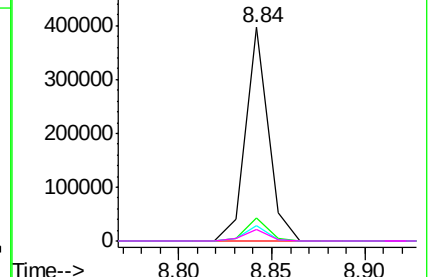


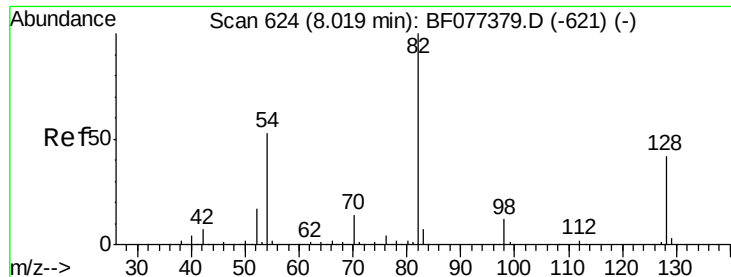
Abundance Ion 136.00 (135.70 to 136.70): E

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

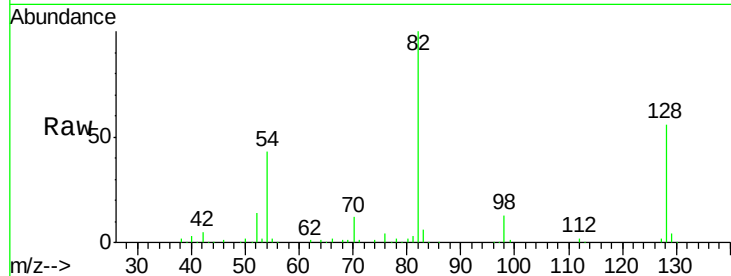




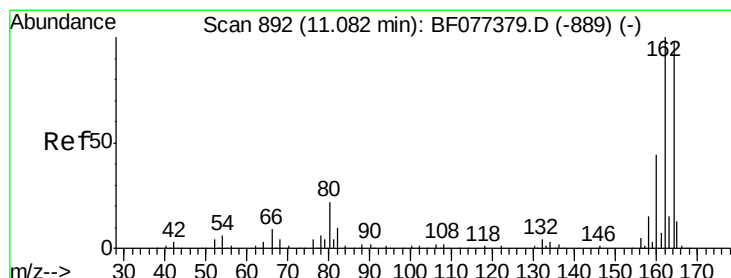
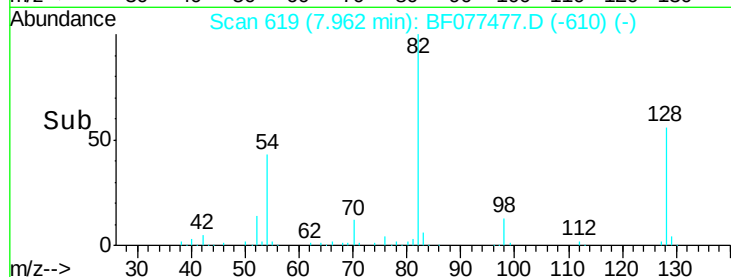
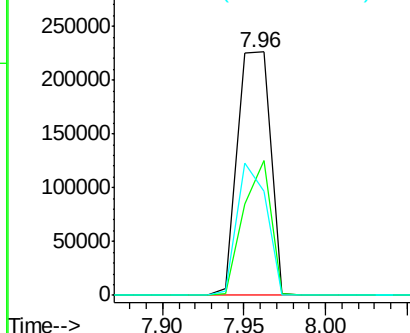
#23
 Nitrobenzene-d5
 Concen: 58.38 ng
 RT: 7.96 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF077477.D
 Acq: 26 Feb 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	55.6	43.8	65.8
54	42.7	36.7	55.1

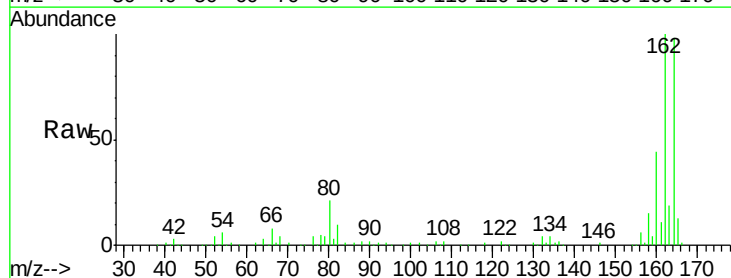


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

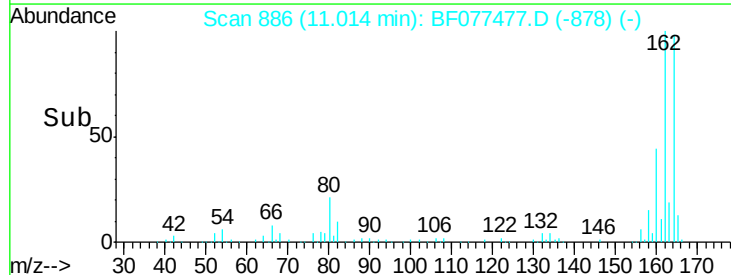
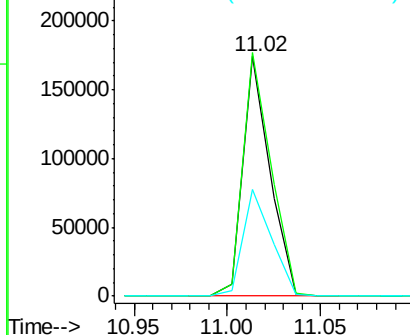


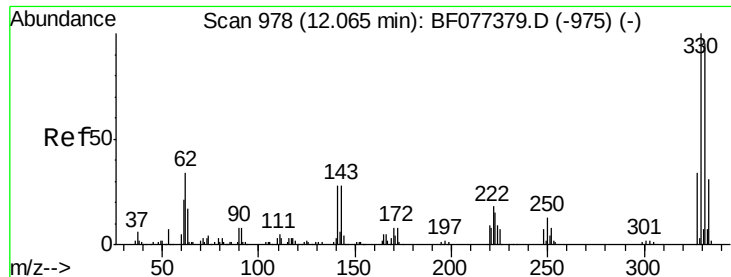
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.01 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF077477.D
 Acq: 26 Feb 2015 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	83.2	124.8
160	44.3	34.6	52.0



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

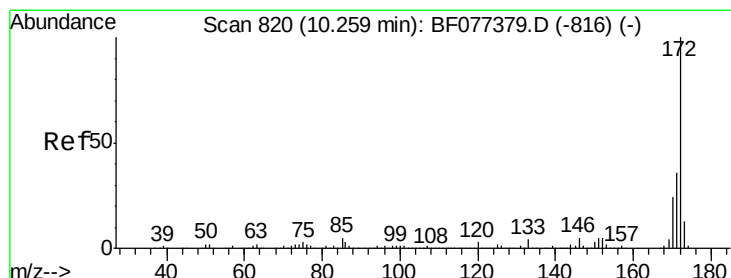
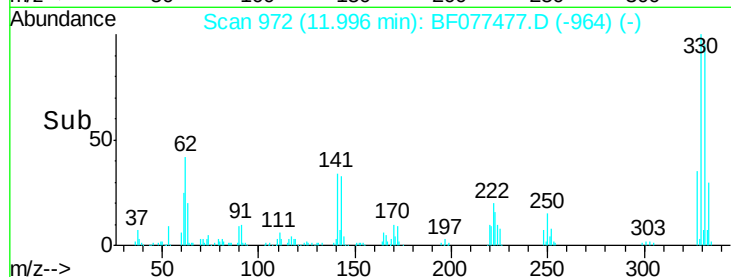
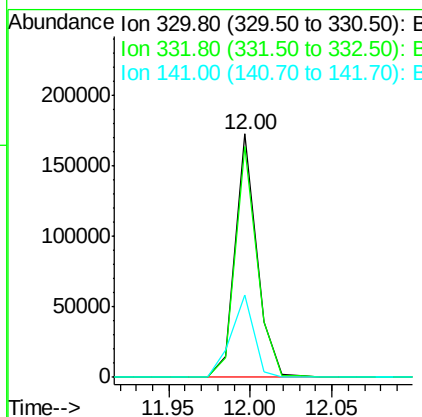
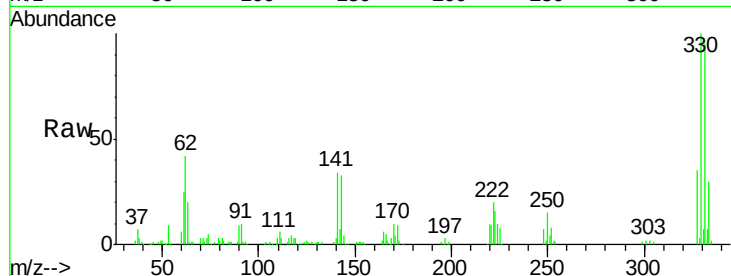




#41
 2,4,6-Tribromophenol
 Concen: 93.93 ng
 RT: 12.00 min Scan# 972
 Delta R.T. -0.01 min
 Lab File: BF077477.D
 Acq: 26 Feb 2015 20:57

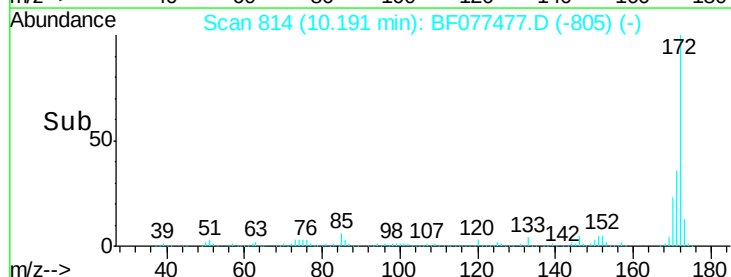
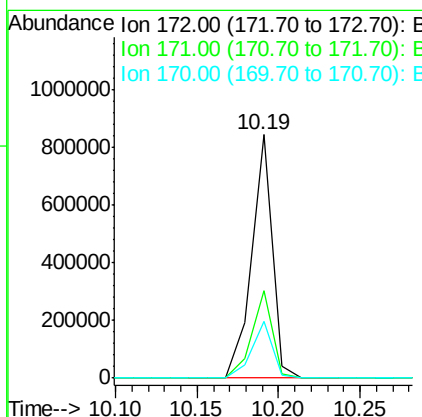
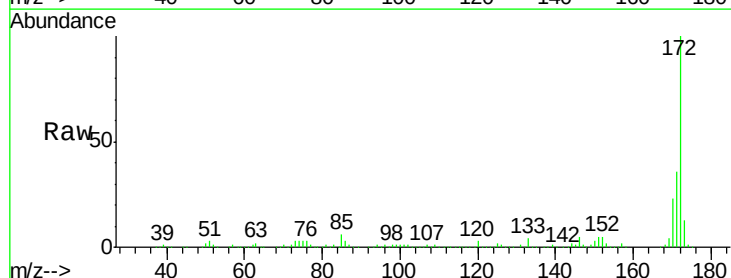
Instrument :
 BNA_F
 ClientSampleId :
 PB81894BL

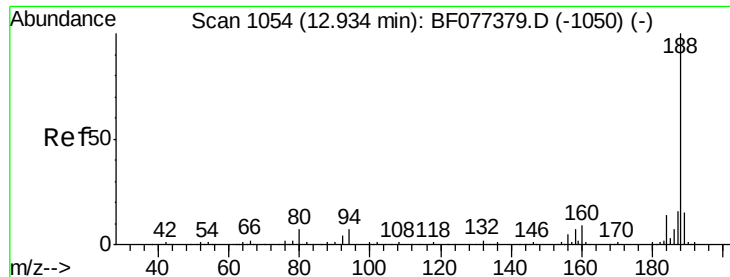
Tgt Ion:330 Resp: 158249
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 35.5 28.8 43.2



#44
 2-Fluorobiphenyl
 Concen: 66.23 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077477.D
 Acq: 26 Feb 2015 20:57

Tgt Ion:172 Resp: 743132
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.4 19.4 29.2

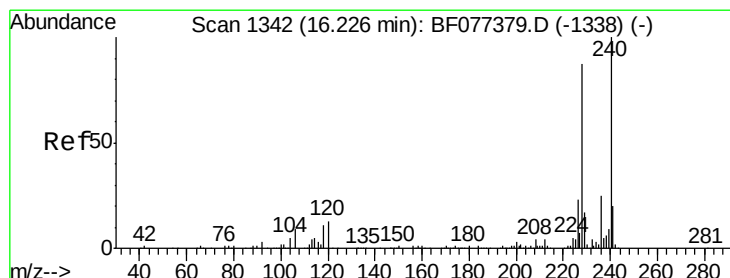
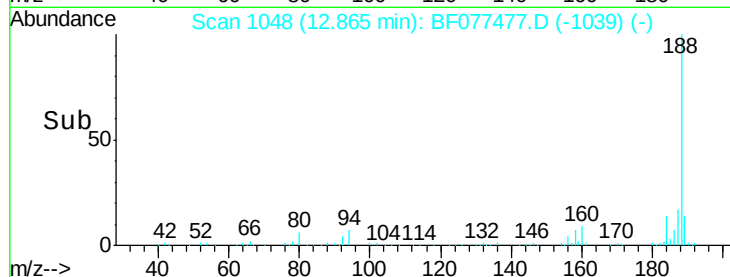
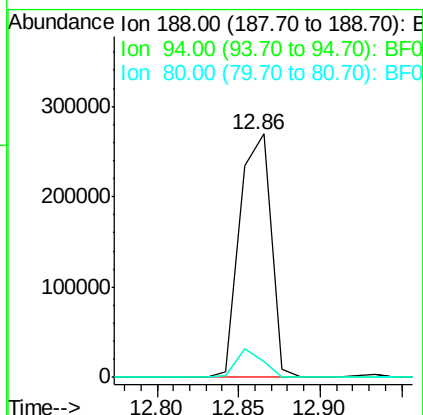
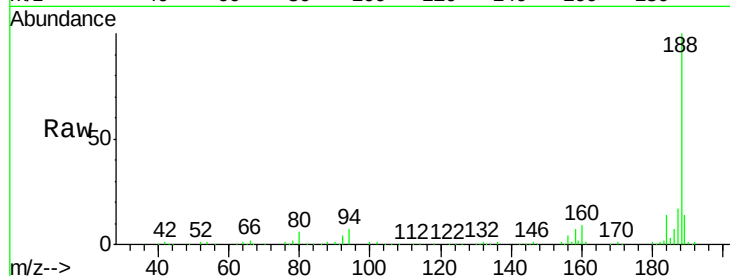




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.87 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF077477.D
 Acq: 26 Feb 2015 20:57

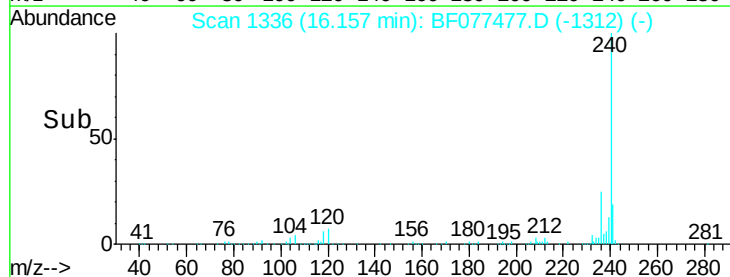
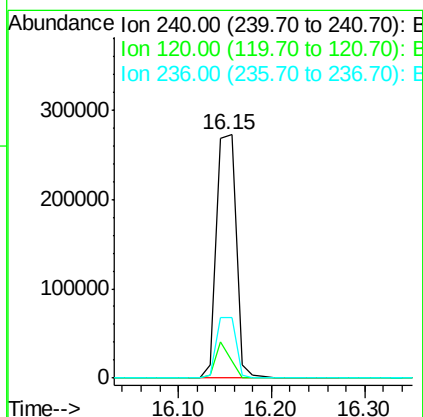
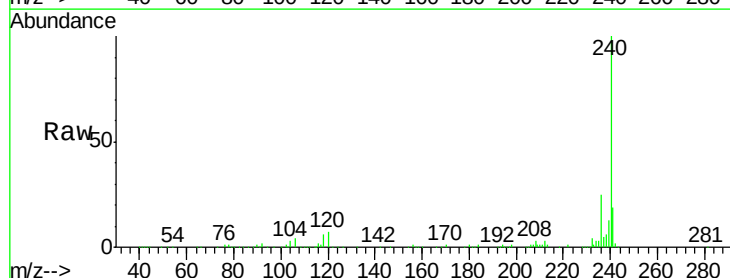
Instrument :
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 PB81894BL

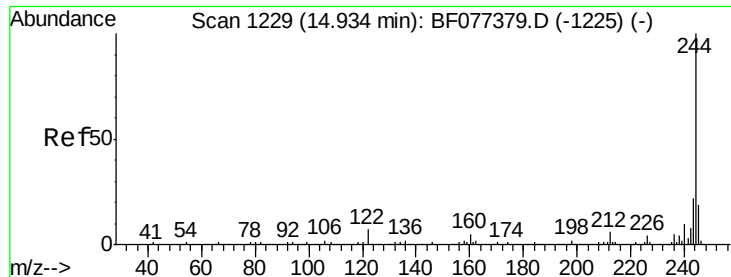
Tgt Ion:188 Resp: 356804
 Ion Ratio Lower Upper
 188 100
 94 6.6 7.4 11.2#
 80 6.5 8.0 12.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.16 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BF077477.D
 Acq: 26 Feb 2015 20:57

Tgt Ion:240 Resp: 395307
 Ion Ratio Lower Upper
 240 100
 120 7.2 8.8 13.2#
 236 25.0 20.7 31.1

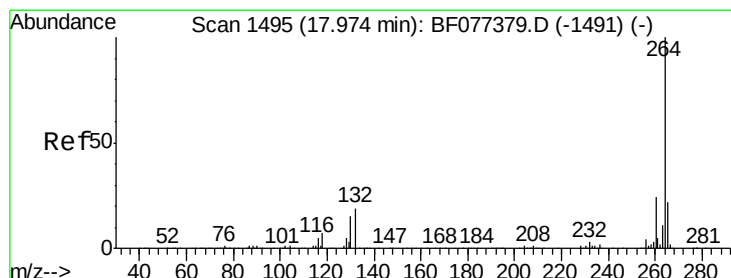
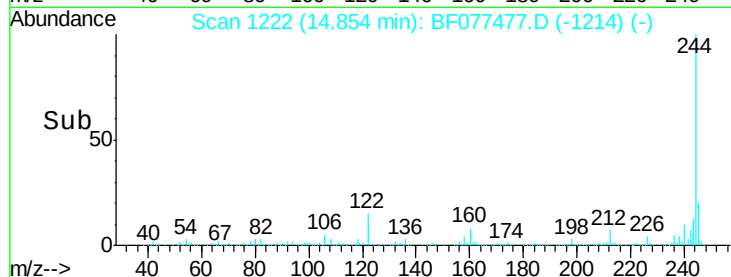
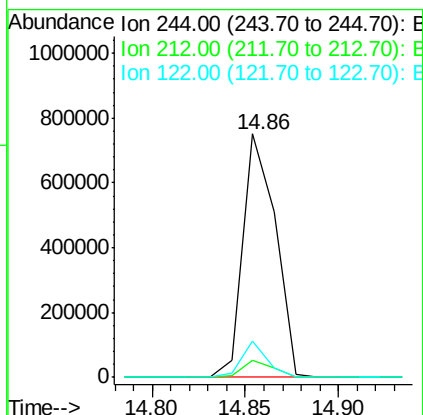
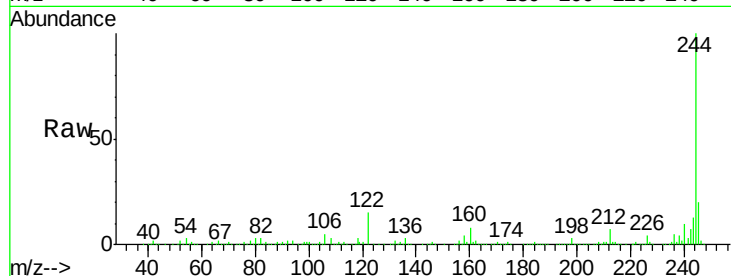




#78
 Terphenyl-d14
 Concen: 53.87 ng
 RT: 14.85 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF077477.D
 Acq: 26 Feb 2015 20:57

Instrument :
 BNA_F
 ClientSampleId :
 PB81894BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	14.8	7.8	11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.89 min Scan# 1488
 Delta R.T. -0.11 min
 Lab File: BF077477.D
 Acq: 26 Feb 2015 20:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	21.7	16.8	25.2

