

Data Path : Z:\HPCHEM1\BNA F\Data\BF012215\
 Data File : BF077026.D
 Acq On : 23 Jan 2015 1:43
 Operator : TP/IZ
 Sample : G1117-01
 Misc : S
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 23 02:43:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 23 01:19:05 2015
 Response via : Initial Calibration

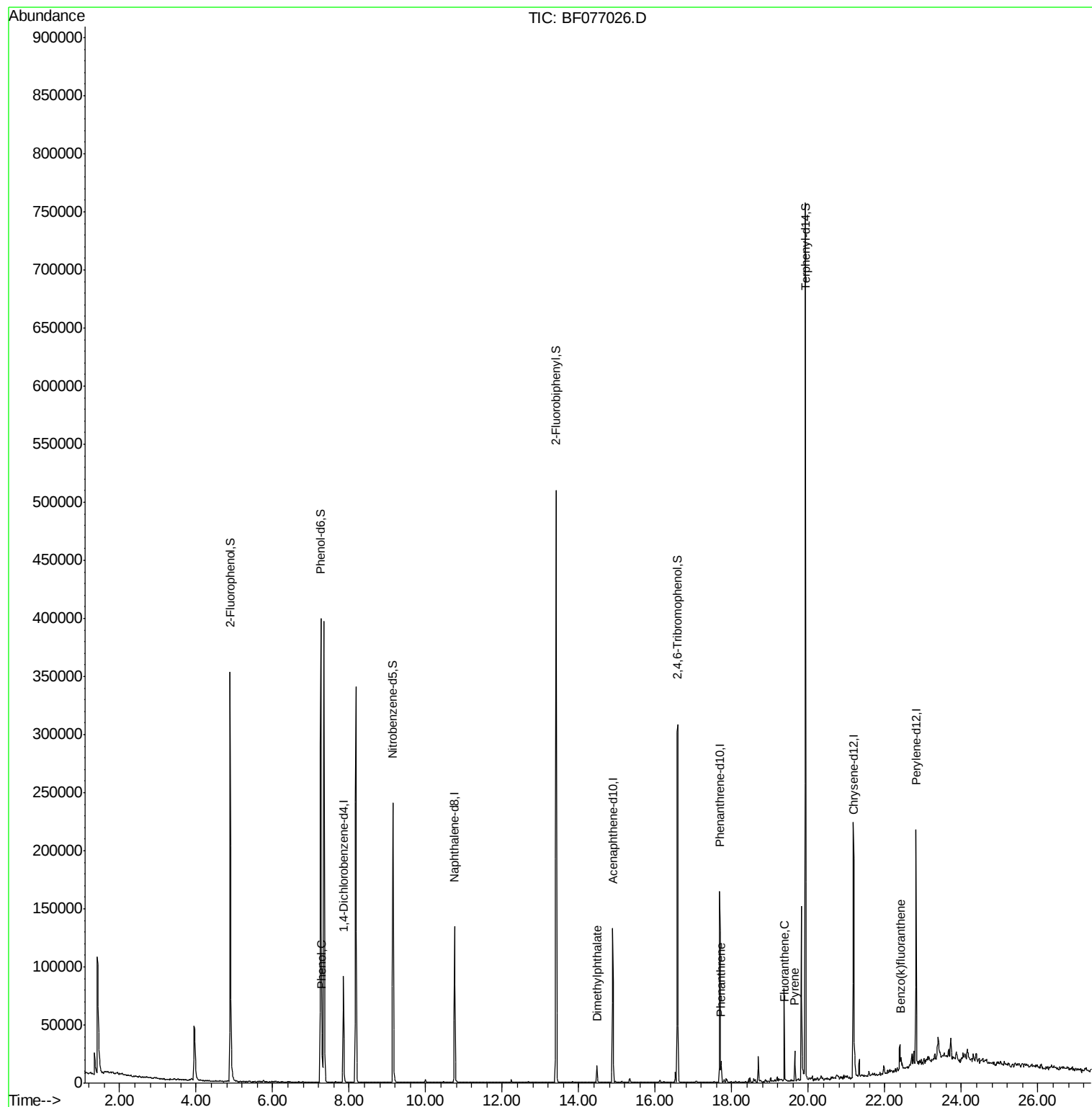
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	24840	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	107578	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	55561	20.00	ng	-0.01
63) Phenanthrene-d10	17.68	188	89434	20.00	ng	-0.01
75) Chrysene-d12	21.19	240	87496	20.00	ng	0.00
86) Perylene-d12	22.81	264	80642	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	186720	123.59	ng	0.00
7) Phenol-d6	7.26	99	241761	126.85	ng	0.00
23) Nitrobenzene-d5	9.14	82	144509	74.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	54837	121.59	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	291107	79.73	ng	-0.01
78) Terphenyl-d14	19.92	244	272369	71.67	ng	0.00
Target Compounds						
10) Phenol	7.28	94	5942	2.94	ng	# 77
49) Dimethylphthalate	14.48	163	12379	3.14	ng	# 98
70) Phenanthrene	17.72	178	12510	2.24	ng	96
74) Fluoranthene	19.36	202	14438	2.53	ng	95
77) Pyrene	19.65	202	14077	2.35	ng	96
88) Benzo(k)fluoranthene	22.41	252	9512	2.00	ng	# 90

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

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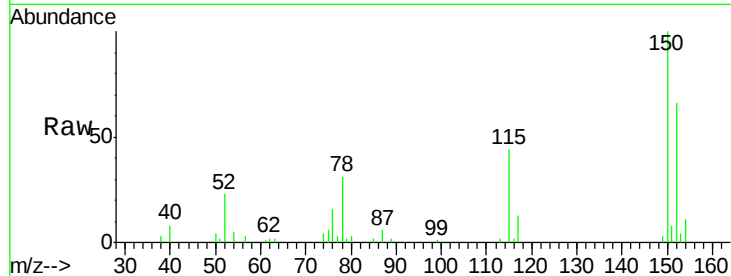


#1

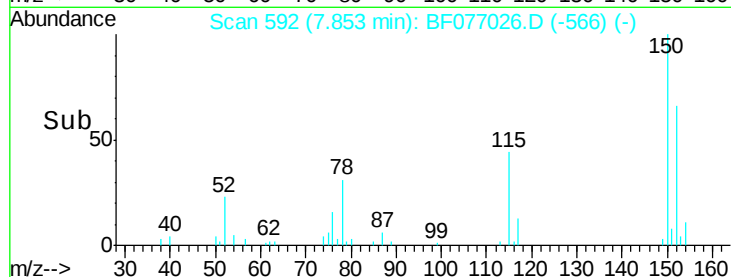
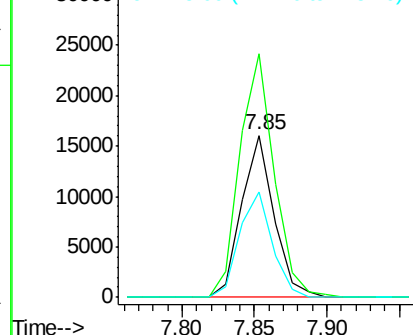
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF077026.D
Acq: 23 Jan 2015 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 24840
Ion Ratio Lower Upper
152 100
150 150.5 121.7 182.5
115 65.5 47.0 70.6



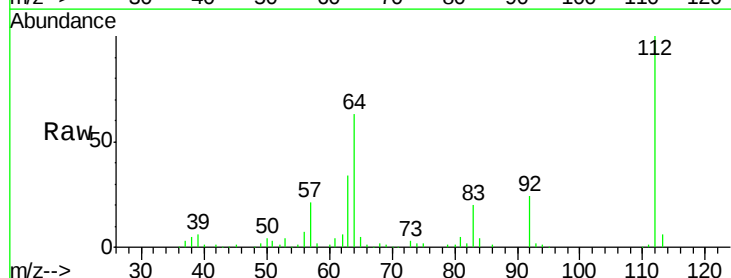
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



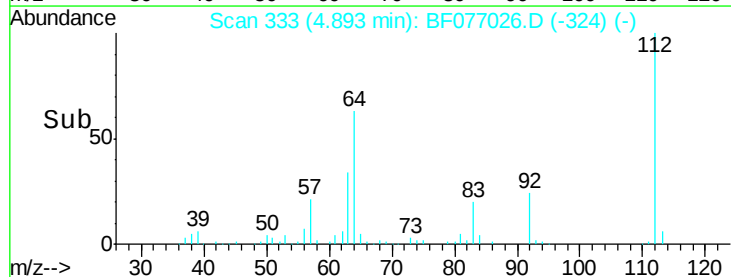
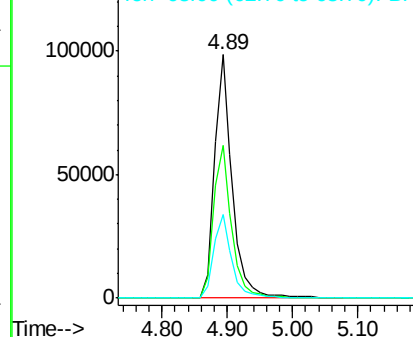
#5

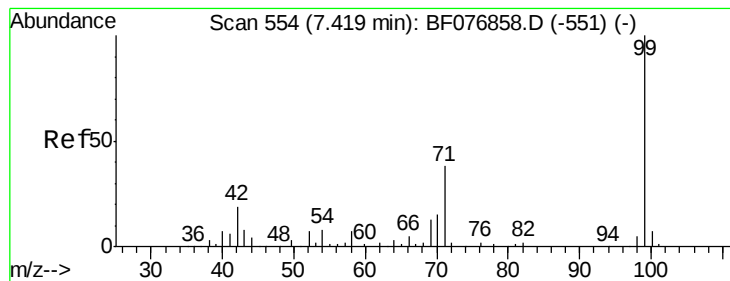
2-Fluorophenol
Concen: 123.59 ng
RT: 4.89 min Scan# 333
Delta R.T. -0.00 min
Lab File: BF077026.D
Acq: 23 Jan 2015 1:43

Tgt Ion:112 Resp: 186720
Ion Ratio Lower Upper
112 100
64 62.9 54.2 81.4
63 34.3 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: 126.85 ng

RT: 7.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF077026.D

Acq: 23 Jan 2015 1:43

Instrument :

BNA_F

ClientSampled :

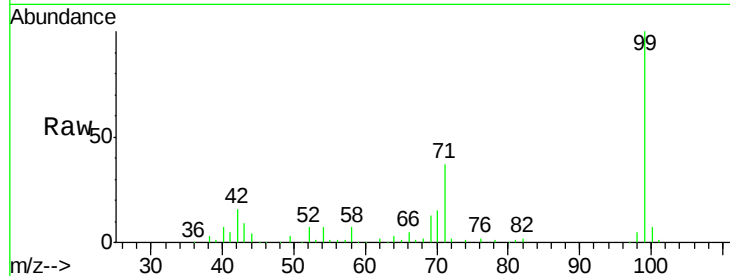
Tot Ion: 99 Resp: 241761

Ion Ratio Lower Upper

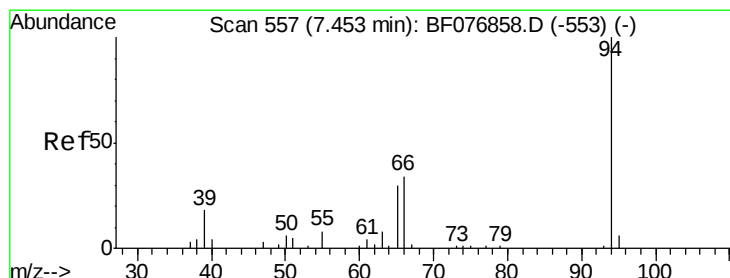
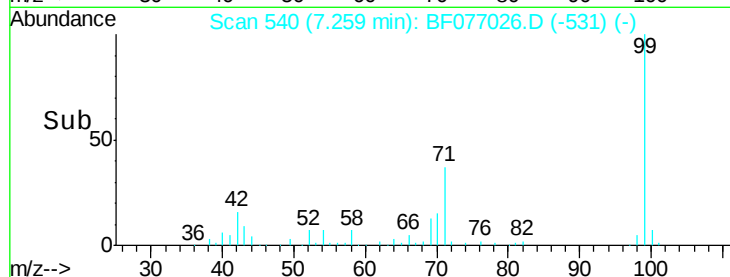
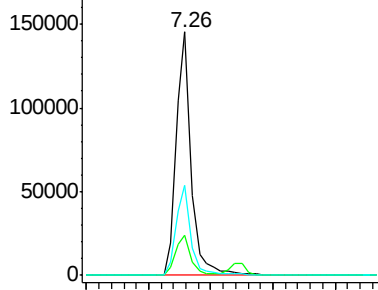
99 100

42 16.5 15.0 22.4

71 36.8 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



#10

Phenol

Concen: 2.94 ng

RT: 7.28 min Scan# 542

Delta R.T. -0.00 min

Lab File: BF077026.D

Acq: 23 Jan 2015 1:43

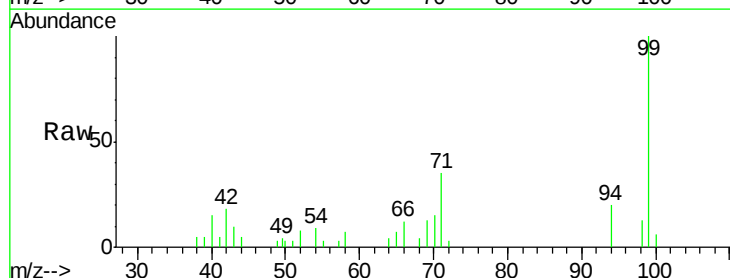
Tgt Ion: 94 Resp: 5942

Ion Ratio Lower Upper

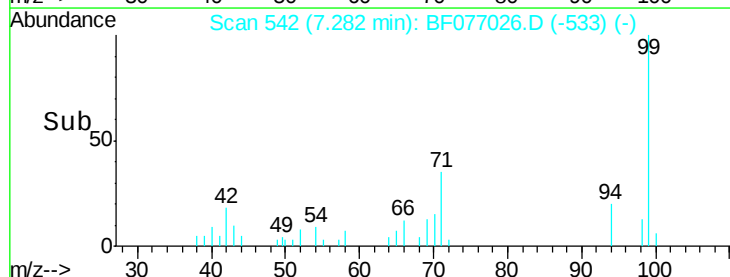
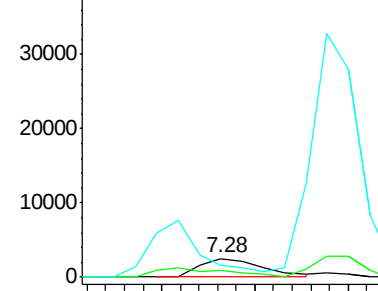
94 100

65 34.7 11.3 51.3

66 62.1 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

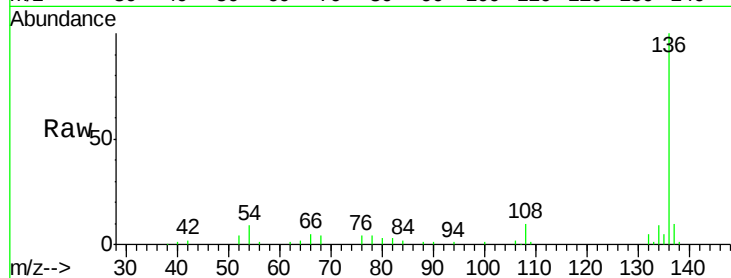




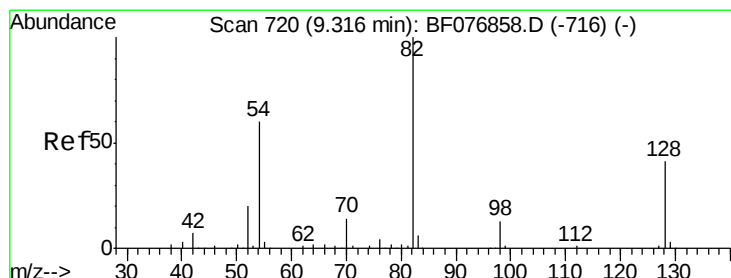
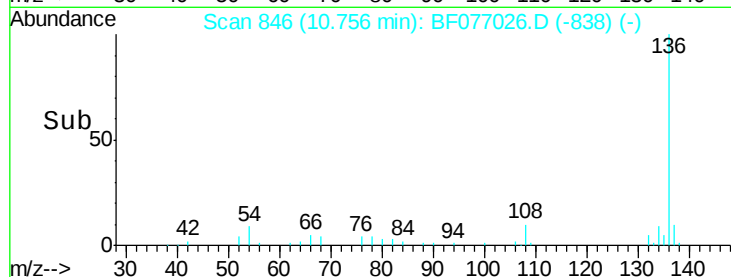
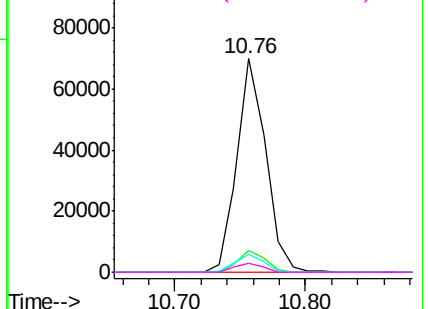
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF077026.D
Acq: 23 Jan 2015 1:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	107578
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.1	12.1
54	8.6	7.0	10.4
68	4.5	3.7	5.5

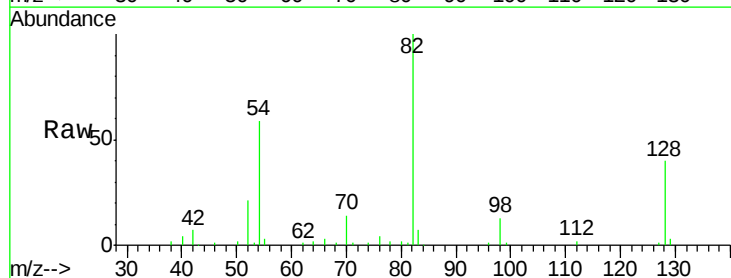


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

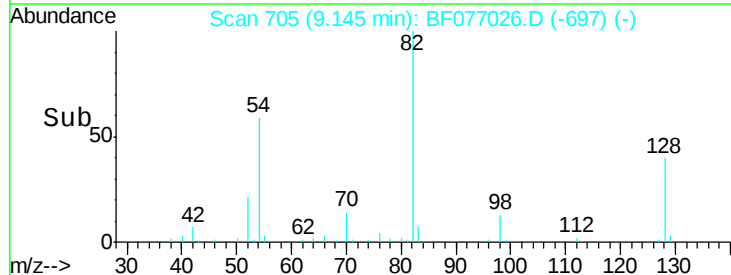
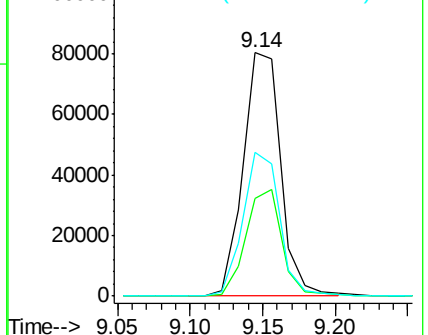


#23
Nitrobenzene-d5
Concen: 74.42 ng
RT: 9.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF077026.D
Acq: 23 Jan 2015 1:43

Tgt Ion:	82	Resp:	144509
Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.1	49.7
54	58.8	48.3	72.5



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

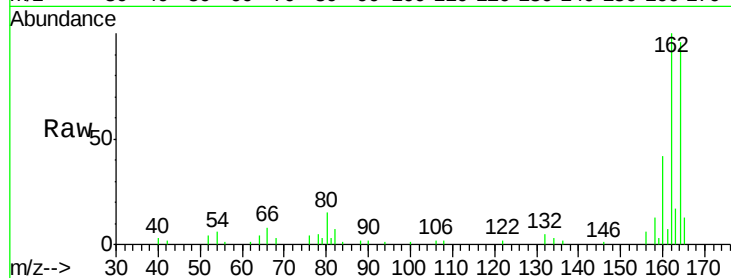




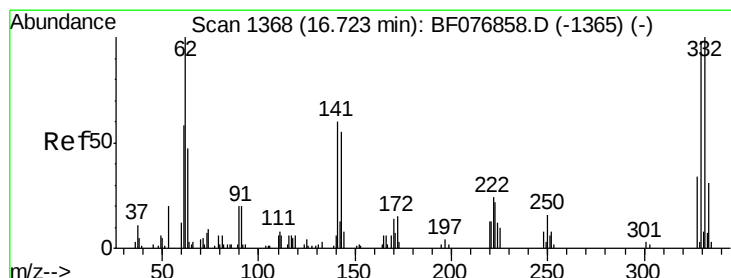
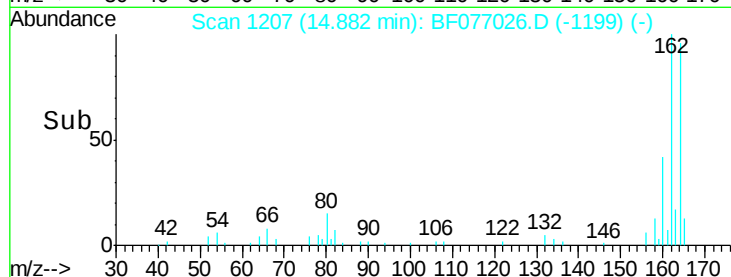
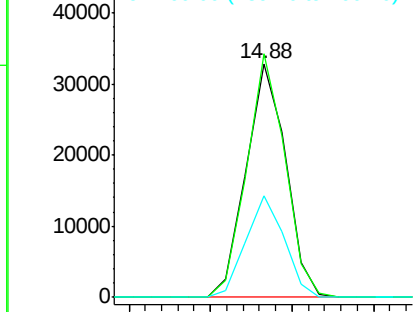
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF077026.D
Acq: 23 Jan 2015 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 55561
Ion Ratio Lower Upper
164 100
162 104.2 82.4 123.6
160 43.4 34.8 52.2

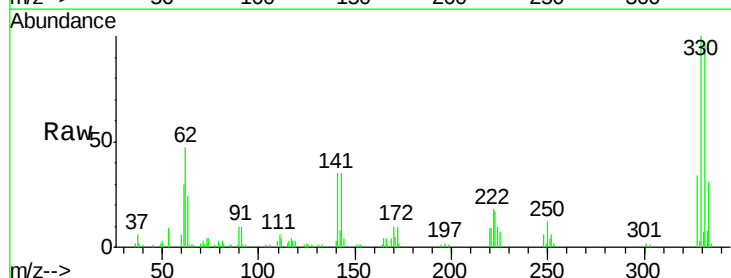


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

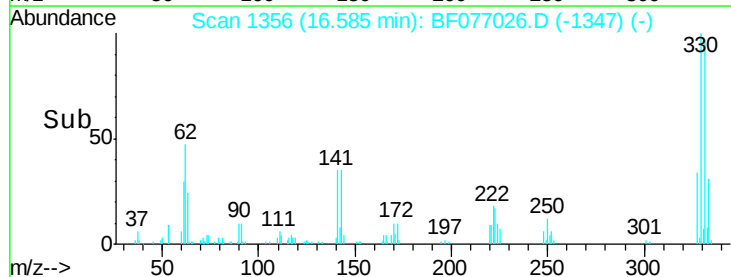
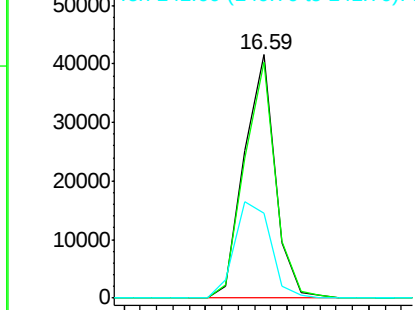


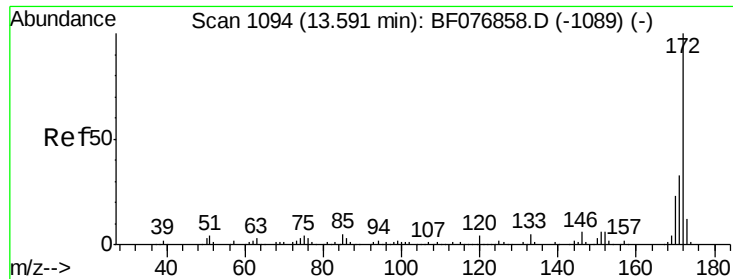
#41
2,4,6-Tribromophenol
Concen: 121.59 ng
RT: 16.59 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF077026.D
Acq: 23 Jan 2015 1:43

Tgt Ion:330 Resp: 54837
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.6
141 45.8 38.5 57.7



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

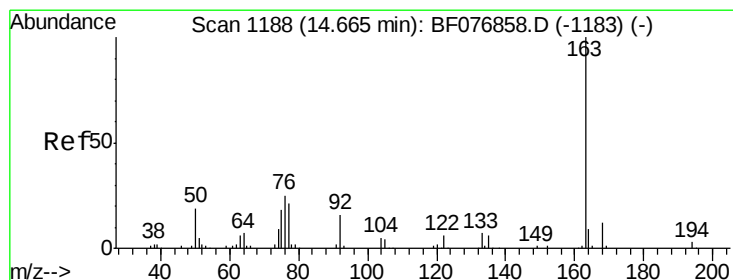
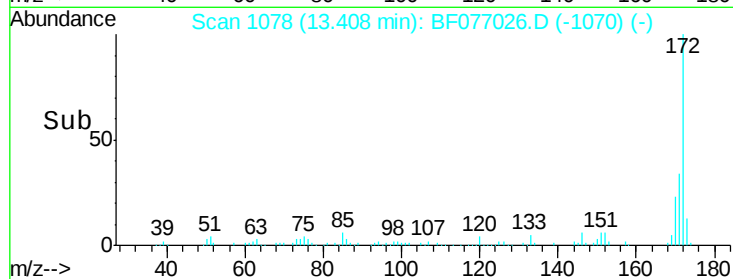
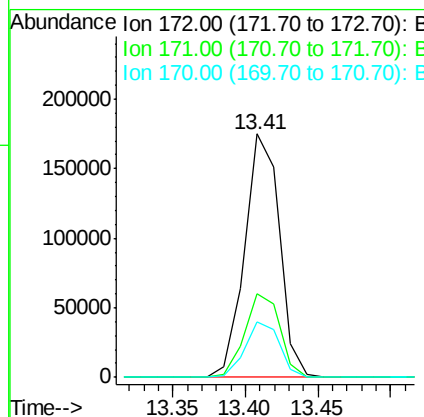
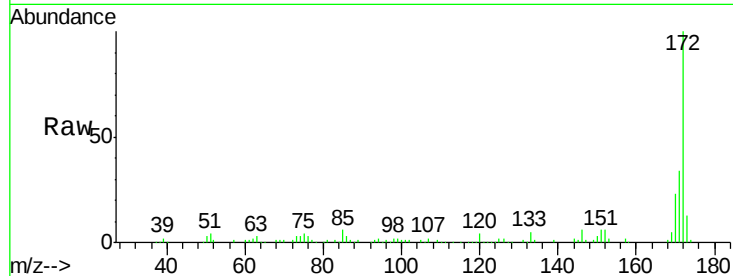




#44
2-Fluorobiphenyl
Concen: 79.73 ng
RT: 13.41 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF077026.D
Acq: 23 Jan 2015 1:43

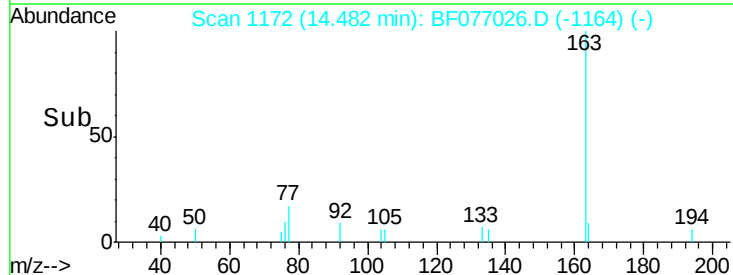
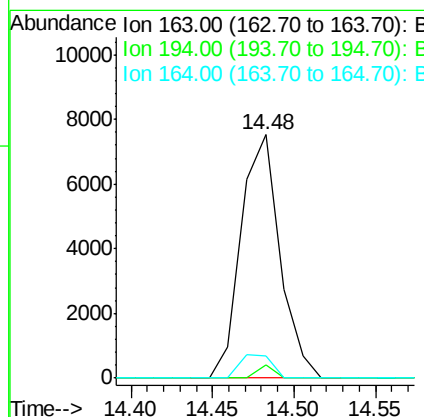
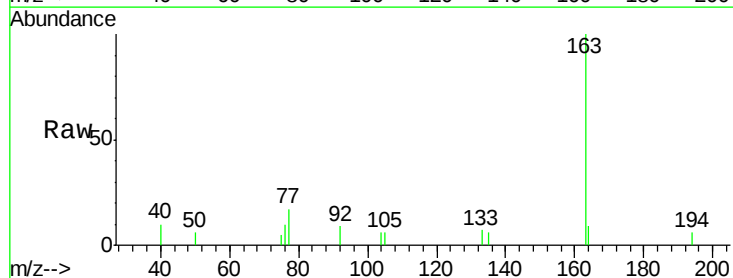
Instrument :
BNA_F
ClientSampleId :

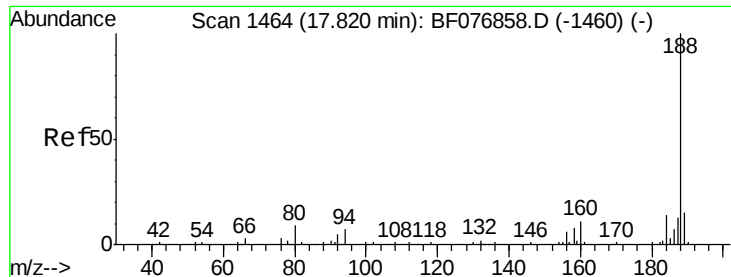
Tot Ion:172 Resp: 291107
Ion Ratio Lower Upper
172 100
171 34.3 26.6 40.0
170 22.9 18.0 27.0



#49
Dimethylphthalate
Concen: 3.14 ng
RT: 14.48 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF077026.D
Acq: 23 Jan 2015 1:43

Tgt Ion:163 Resp: 12379
Ion Ratio Lower Upper
163 100
194 5.6 2.6 4.0#
164 9.1 7.5 11.3

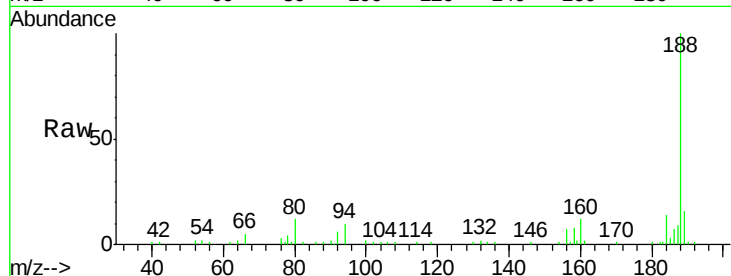




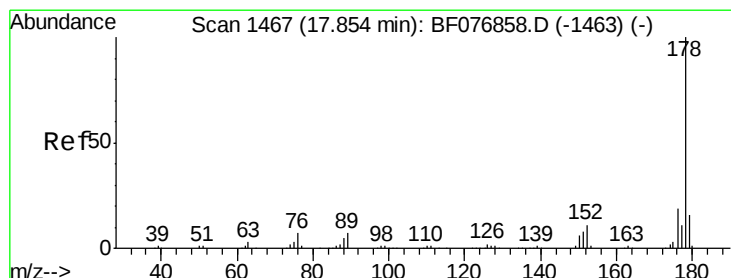
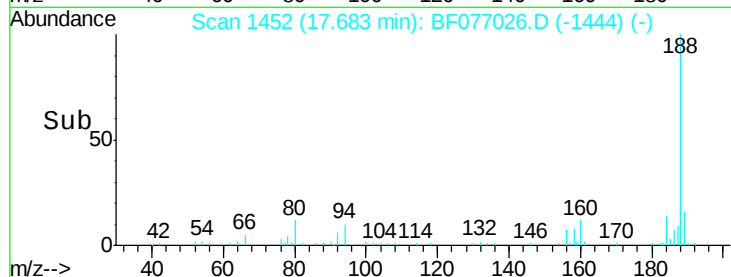
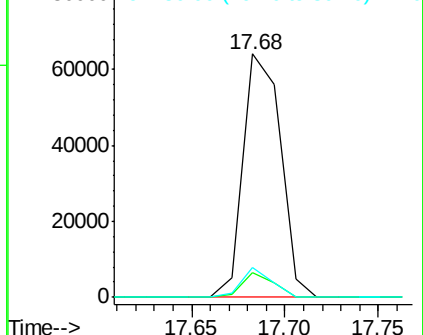
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.68 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF077026.D
Acq: 23 Jan 2015 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 89434
Ion Ratio Lower Upper
188 100
94 10.4 6.0 9.0#
80 12.0 6.9 10.3#

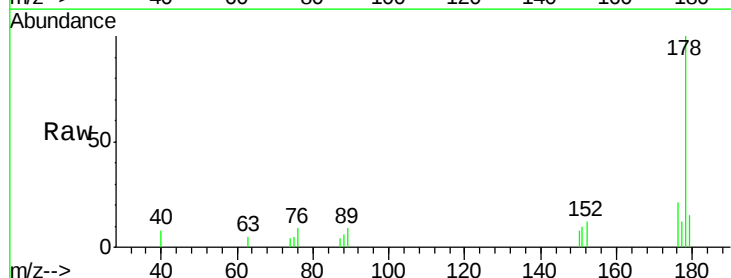


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

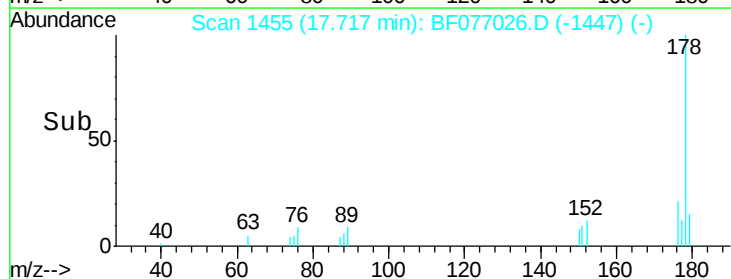
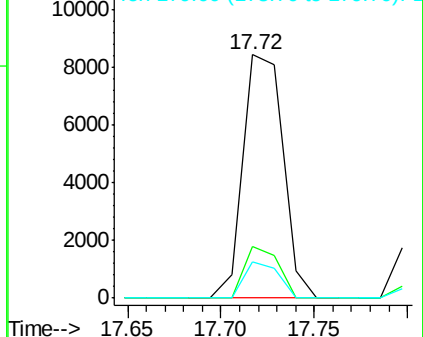


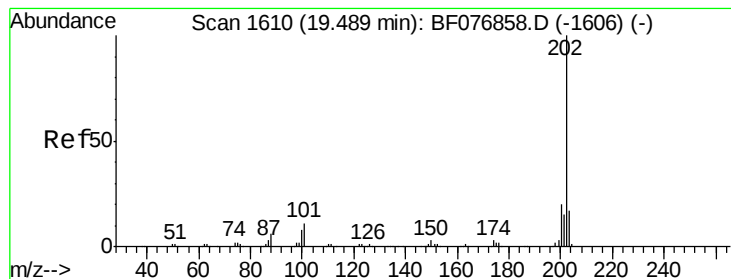
#70
Phenanthrene
Concen: 2.24 ng
RT: 17.72 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BF077026.D
Acq: 23 Jan 2015 1:43

Tgt Ion:178 Resp: 12510
Ion Ratio Lower Upper
178 100
176 21.2 15.1 22.7
179 15.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.53 ng

RT: 19.36 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF077026.D

Acq: 23 Jan 2015 1:43

Instrument :

BNA_F

ClientSampleId :

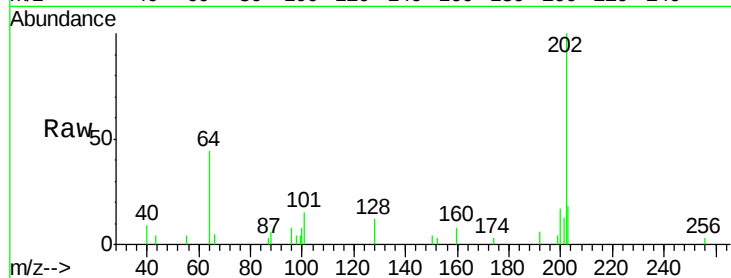
Tot Ion:202 Resp: 14438

Ion Ratio Lower Upper

202 100

101 14.6 0.0 30.7

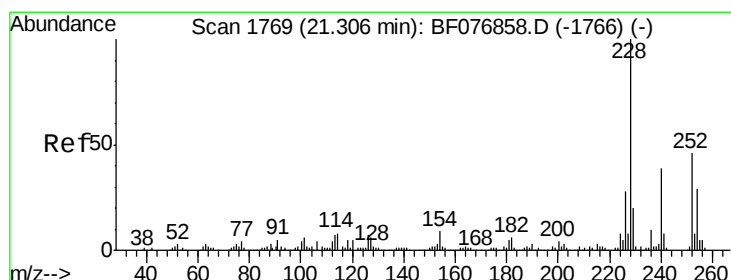
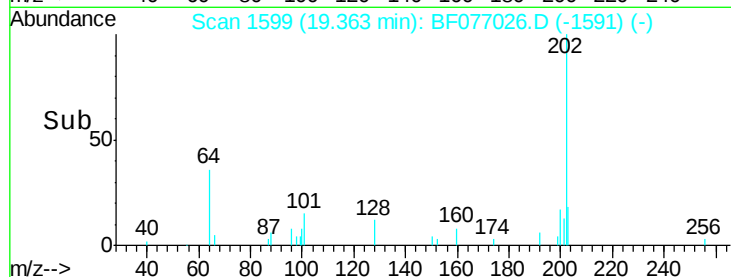
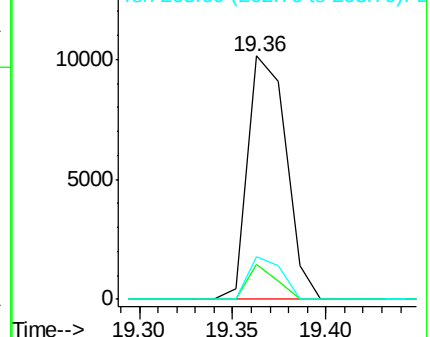
203 17.5 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.19 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BF077026.D

Acq: 23 Jan 2015 1:43

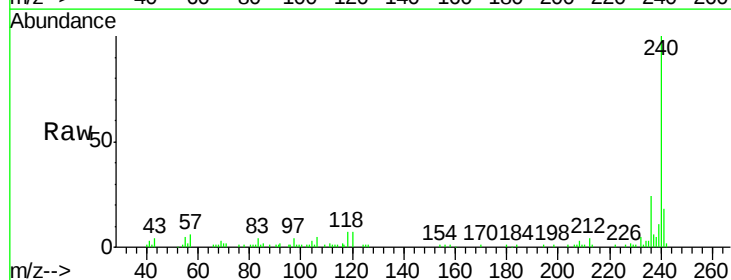
Tgt Ion:240 Resp: 87496

Ion Ratio Lower Upper

240 100

120 7.4 10.4 15.6#

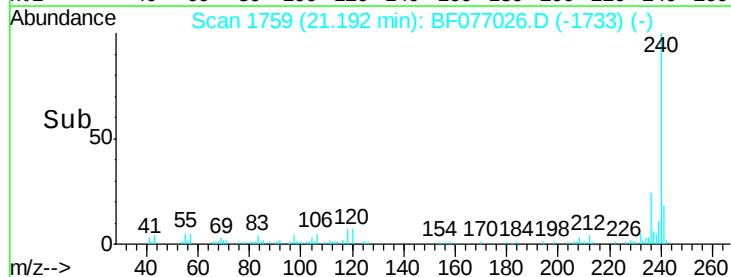
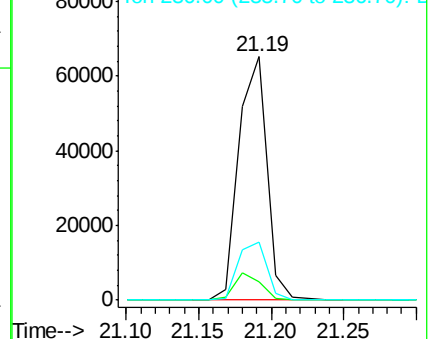
236 23.8 20.2 30.2

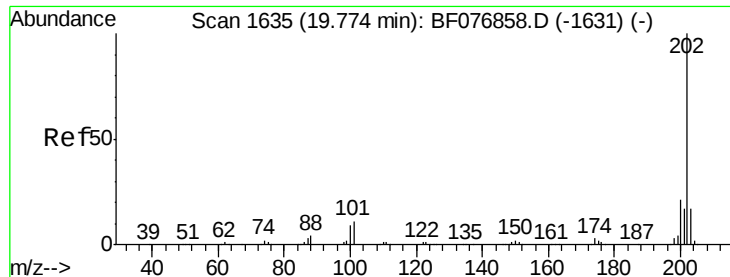


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

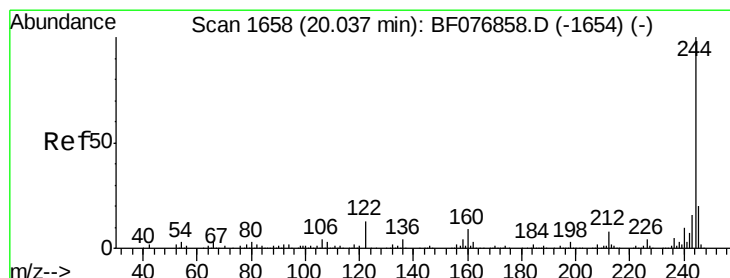
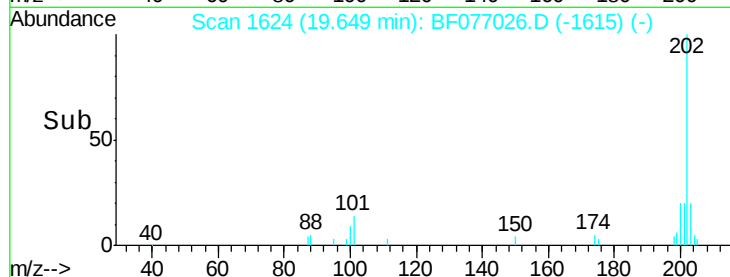
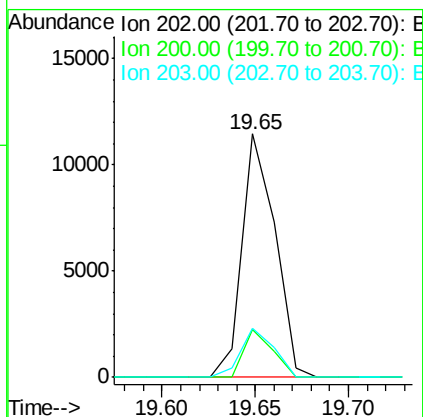
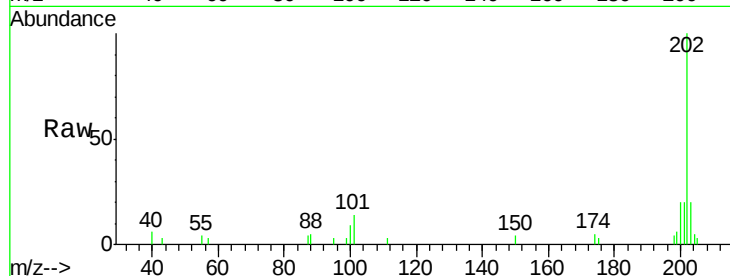




#77
 Pvrene
 Concen: 2.35 ng
 RT: 19.65 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF077026.D
 Acq: 23 Jan 2015 1:43

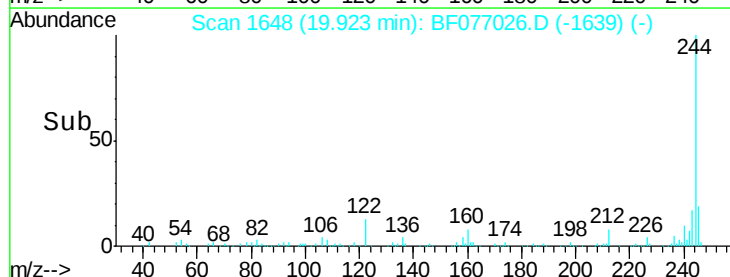
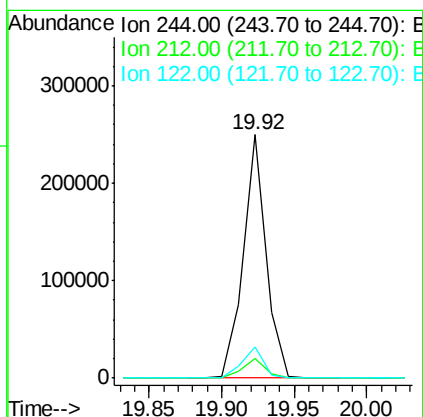
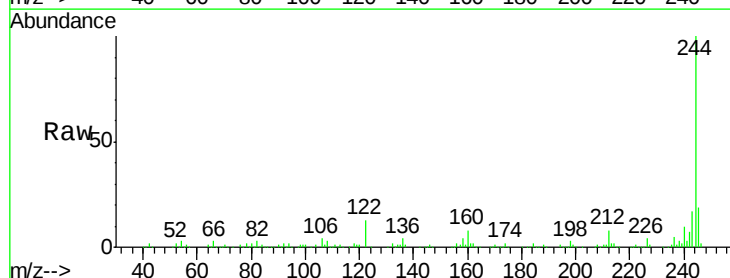
Instrument :
 BNA_F
 ClientSampleId :

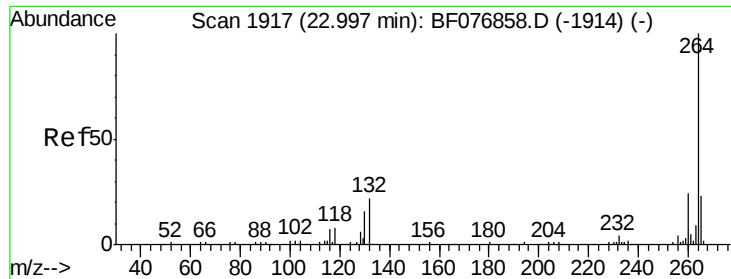
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	16.7	25.1
203	20.3	14.0	21.0



#78
 Terphenyl-d14
 Concen: 71.67 ng
 RT: 19.92 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF077026.D
 Acq: 23 Jan 2015 1:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	12.6	10.1	15.1

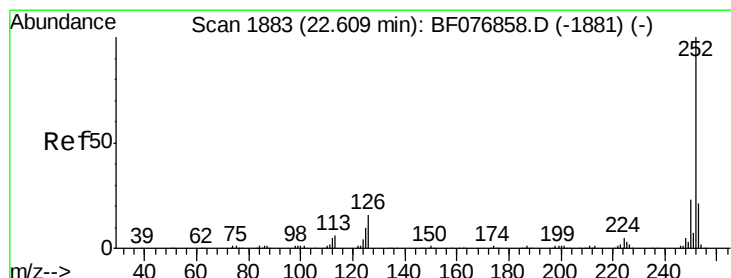
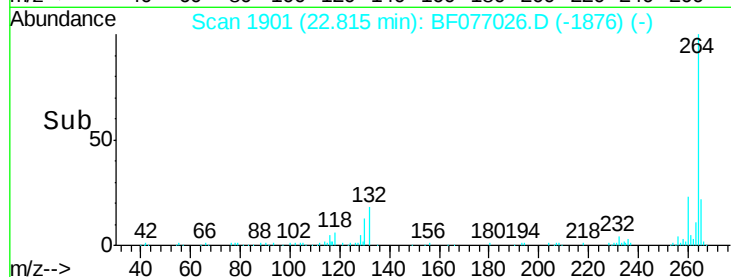
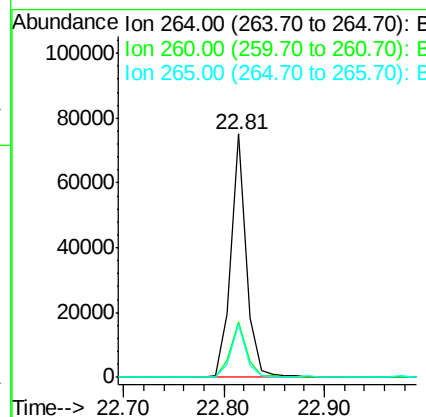
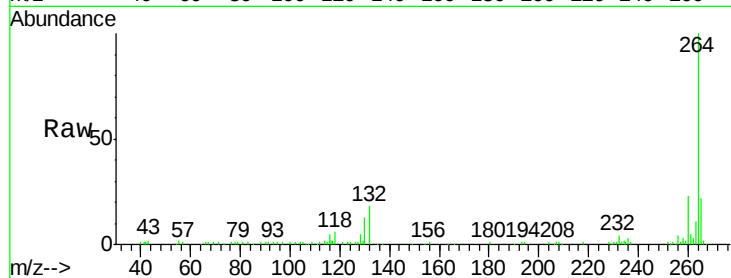




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.81 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF077026.D
Acq: 23 Jan 2015 1:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 80642
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.4
265 21.7 18.1 27.1



#88
Benzo(k)fluoranthene
Concen: 2.00 ng
RT: 22.41 min Scan# 1866
Delta R.T. -0.03 min
Lab File: BF077026.D
Acq: 23 Jan 2015 1:43

Tgt Ion:252 Resp: 9512
Ion Ratio Lower Upper
252 100
253 25.5 17.2 25.8
125 13.6 7.1 10.7#

