

Data Path : Z:\HPCHEM1\BNA F\Data\BF012915\
 Data File : BF077127.D
 Acq On : 29 Jan 2015 17:03
 Operator : TP/IZ
 Sample : PB81546TB
 Misc : W
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 01:26:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 01:18:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	29386	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	123173	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	64853	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	115359	20.00	ng	0.00
75) Chrysene-d12	21.08	240	118564	20.00	ng	0.00
86) Perylene-d12	22.77	264	108587	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.70	112	188365	105.39	ng	0.00
7) Phenol-d6	7.10	99	237640	105.40	ng	0.00
23) Nitrobenzene-d5	8.98	82	142886	64.27	ng	-0.01
41) 2,4,6-Tribromophenol	16.45	330	56589	107.50	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	285780	67.06	ng	0.00
78) Terphenyl-d14	19.81	244	314900	61.14	ng	0.00

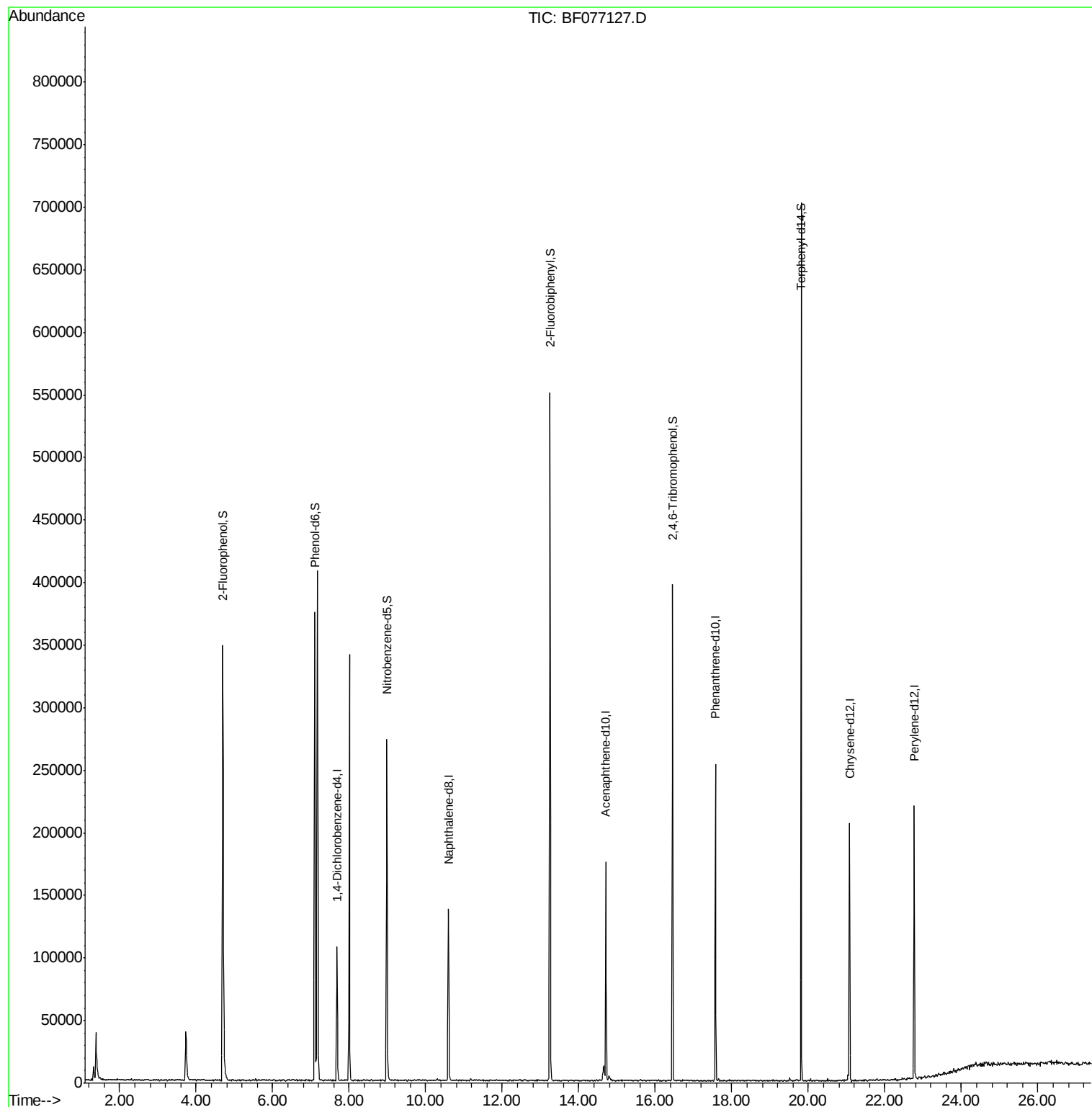
Target Compounds Qvalue

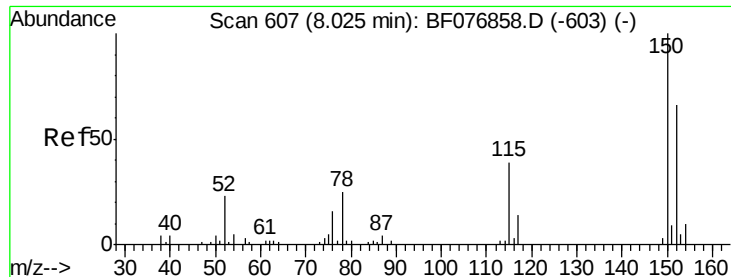
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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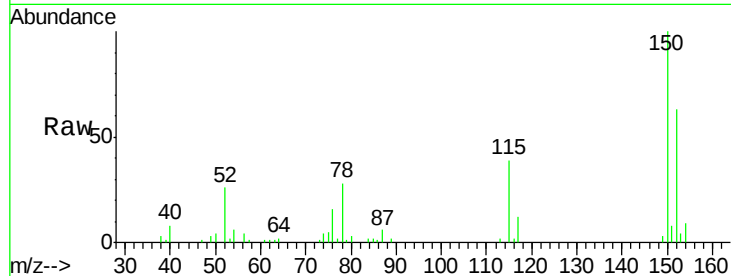


#1

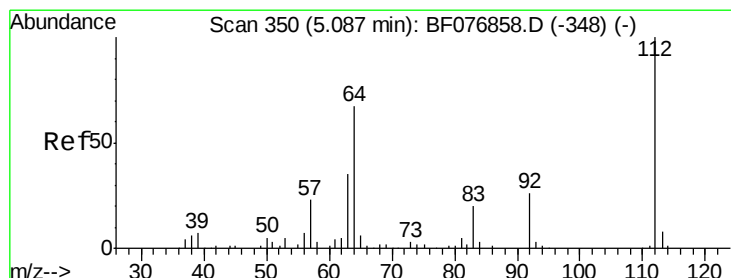
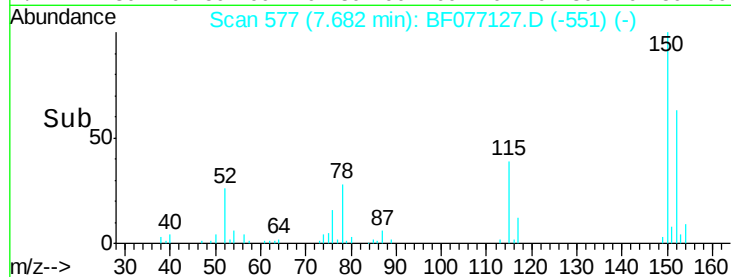
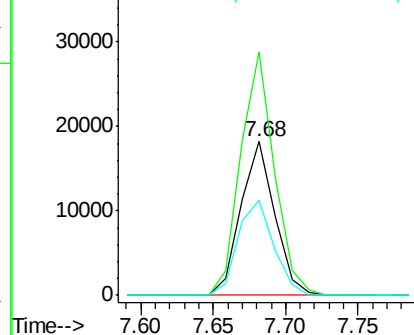
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF077127.D
Acq: 29 Jan 2015 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 29386
Ion Ratio Lower Upper
152 100
150 158.7 121.7 182.5
115 62.3 47.0 70.6



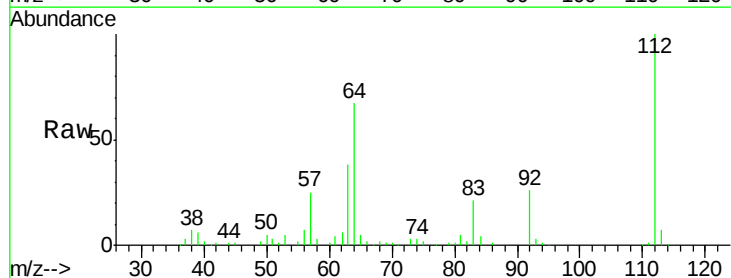
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



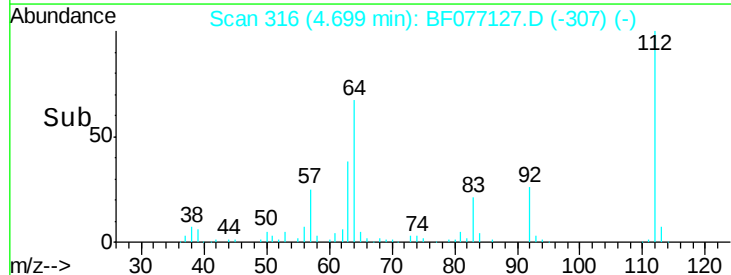
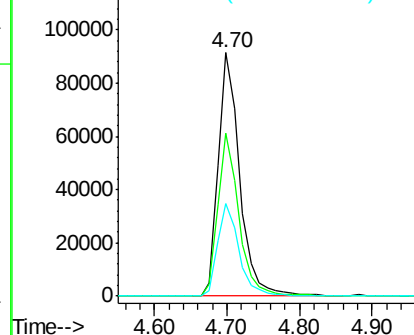
#5

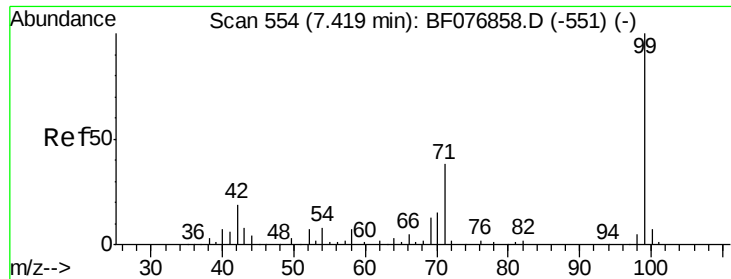
2-Fluorophenol
Concen: 105.39 ng
RT: 4.70 min Scan# 316
Delta R.T. -0.00 min
Lab File: BF077127.D
Acq: 29 Jan 2015 17:03

Tgt Ion:112 Resp: 188365
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 38.1 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: 105.40 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF077127.D

Acq: 29 Jan 2015 17:03

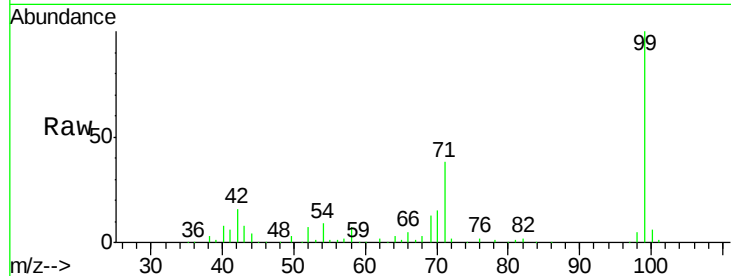
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 237640

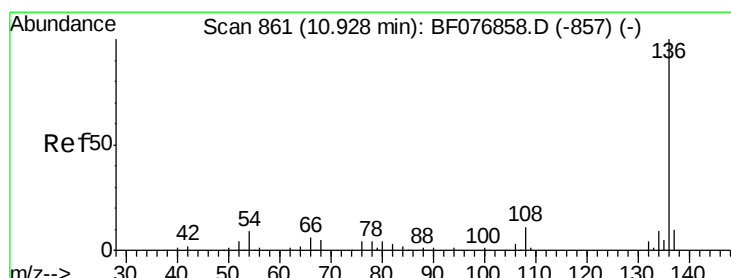
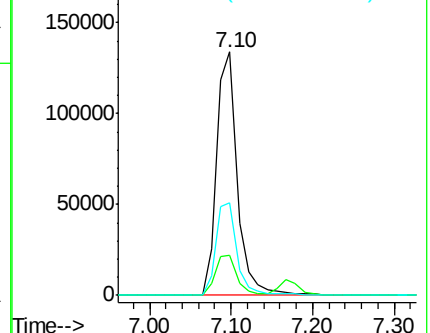
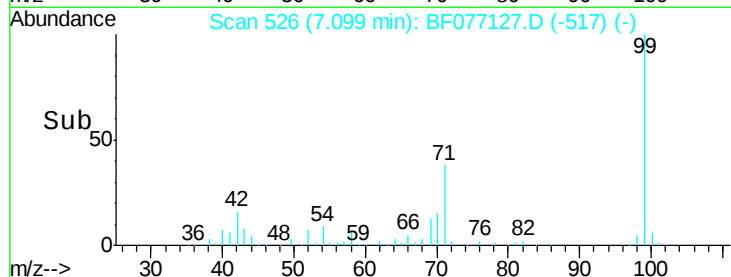
Ion	Ratio	Lower	Upper
99	100		
42	16.3	15.0	22.4
71	38.0	30.5	45.7



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: 10.60 min Scan# 832

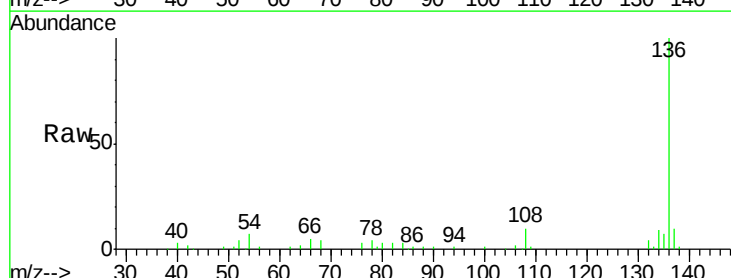
Delta R.T. -0.00 min

Lab File: BF077127.D

Acq: 29 Jan 2015 17:03

Tgt Ion: 136 Resp: 123173

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.1	12.1
54	7.3	7.0	10.4
68	4.3	3.7	5.5

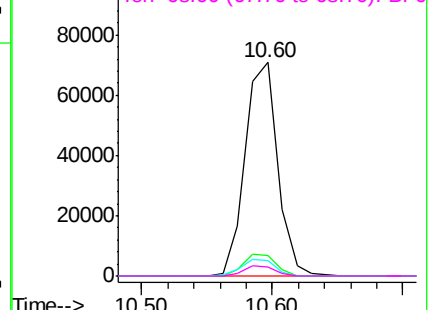
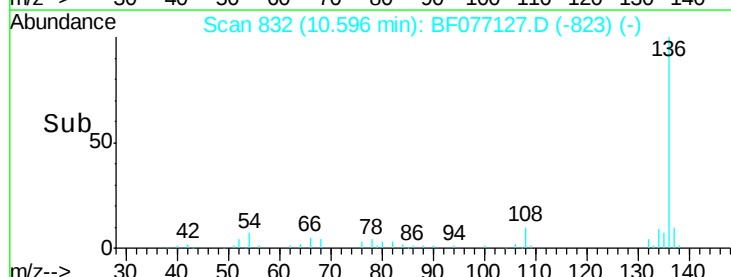


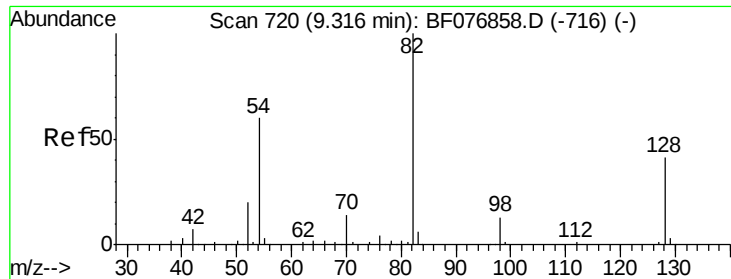
Abundance Ion 136.00 (135.70 to 136.70): E

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

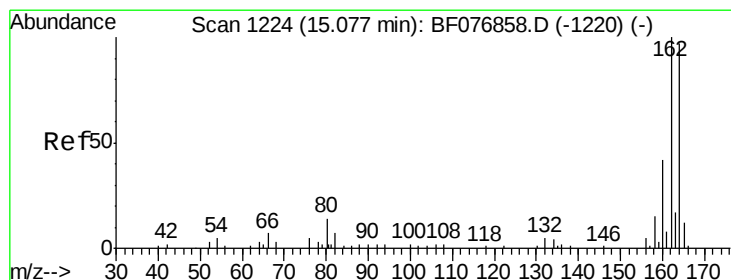
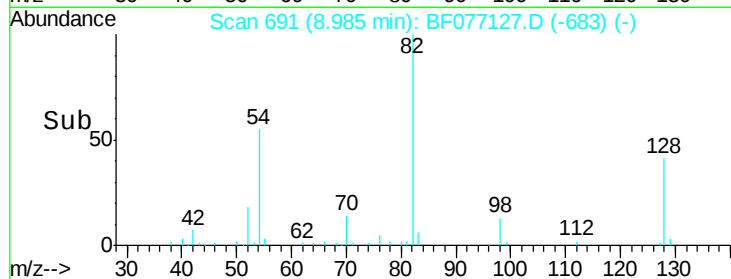
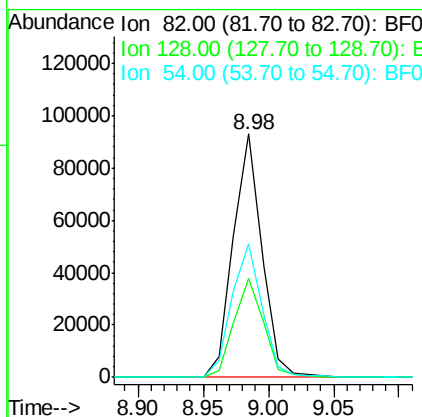
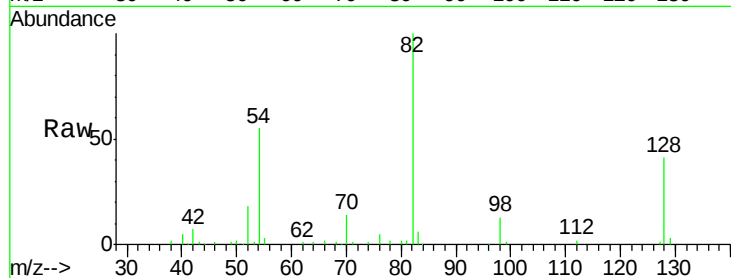




#23
 Nitrobenzene-d5
 Concen: 64.27 ng
 RT: 8.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF077127.D
 Acq: 29 Jan 2015 17:03

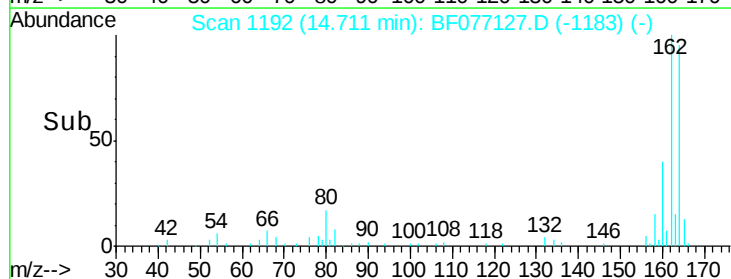
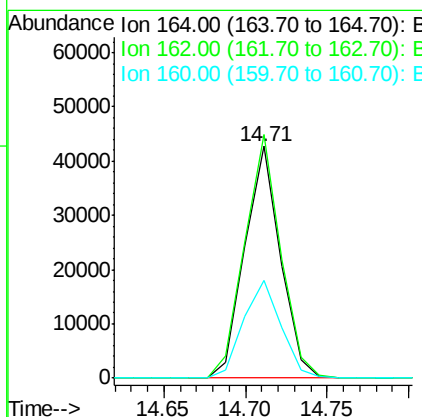
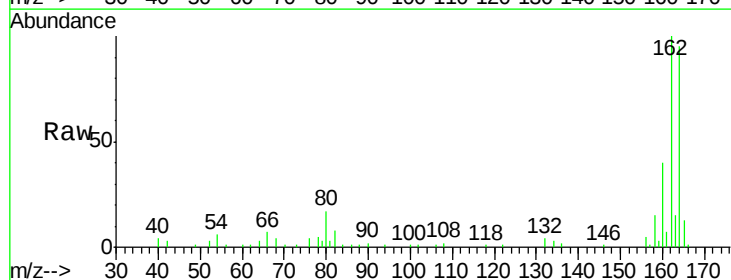
Instrument :
 BNA_F
 ClientSampleID :

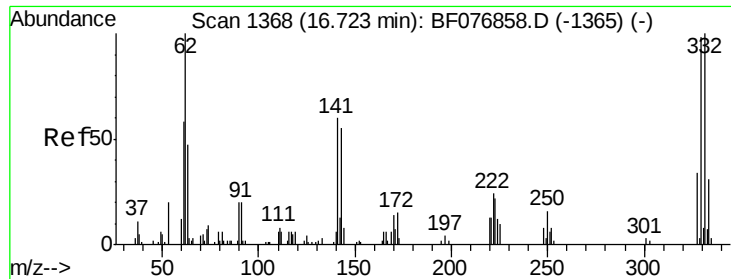
Tot Ion	82	Resp	142886
Ion Ratio	100	Lower	Upper
128	40.7	33.1	49.7
54	55.0	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF077127.D
 Acq: 29 Jan 2015 17:03

Tgt Ion	164	Resp	64853
Ion Ratio	100	Lower	Upper
162	105.0	82.4	123.6
160	42.1	34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 107.50 ng

RT: 16.45 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BF077127.D

Acq: 29 Jan 2015 17:03

Instrument :

BNA_F

ClientSampleId :

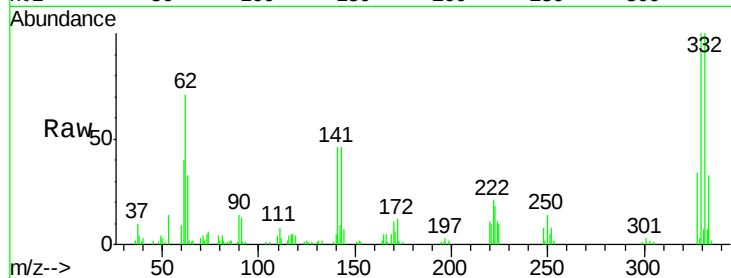
Tot Ion:330 Resp: 56589

Ion Ratio Lower Upper

330 100

332 98.3 77.8 116.6

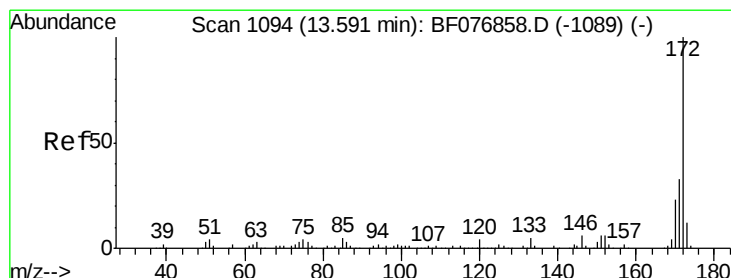
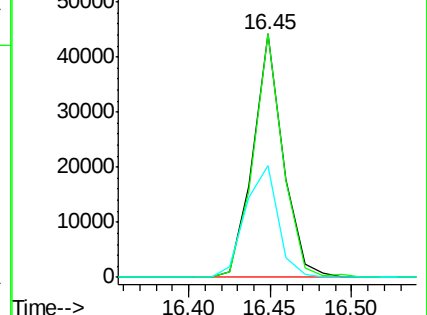
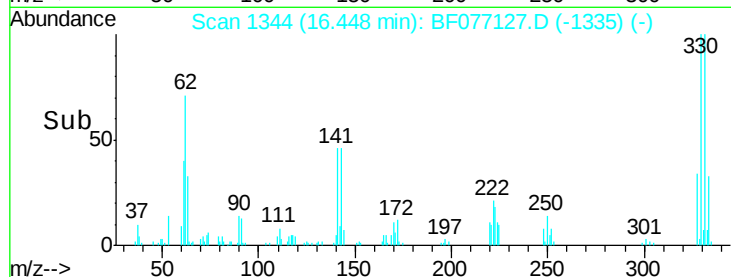
141 49.4 38.5 57.7



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: 67.06 ng

RT: 13.25 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF077127.D

Acq: 29 Jan 2015 17:03

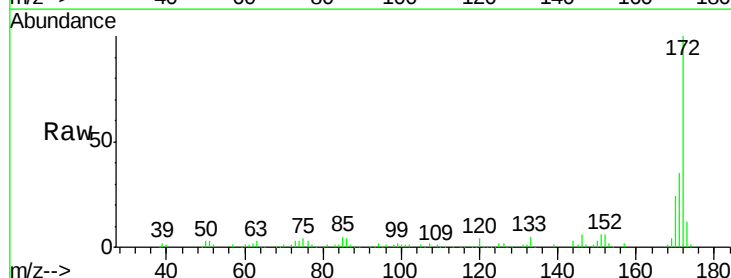
Tgt Ion:172 Resp: 285780

Ion Ratio Lower Upper

172 100

171 34.6 26.6 40.0

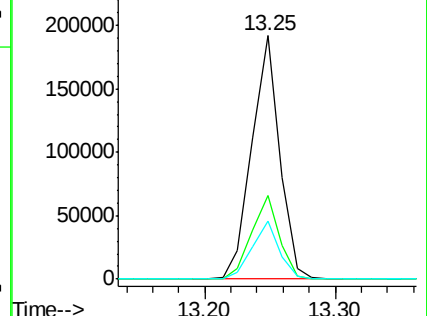
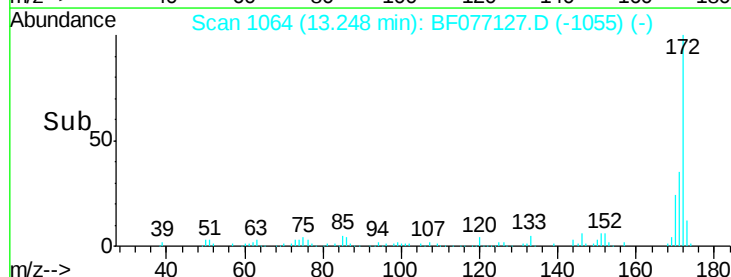
170 23.8 18.0 27.0

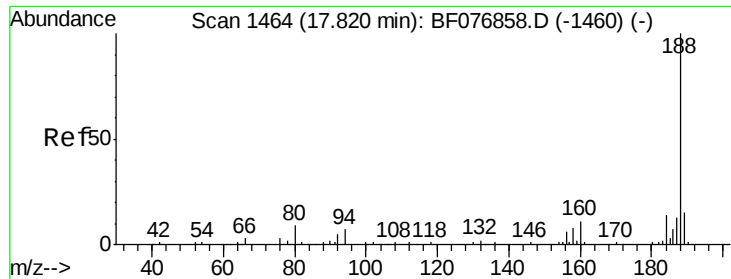


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

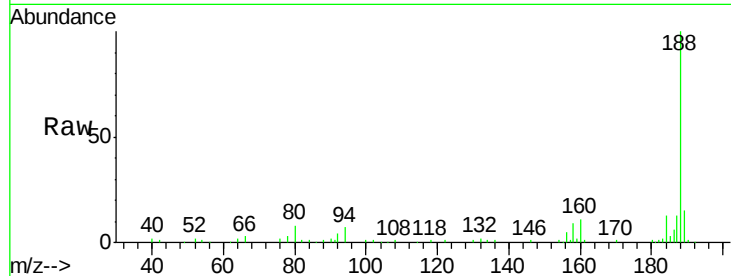




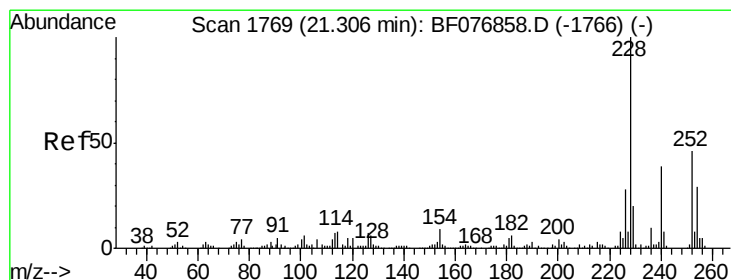
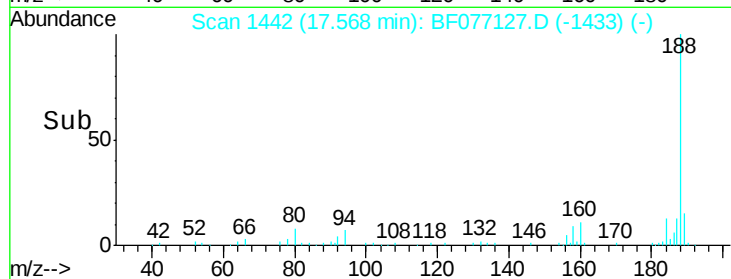
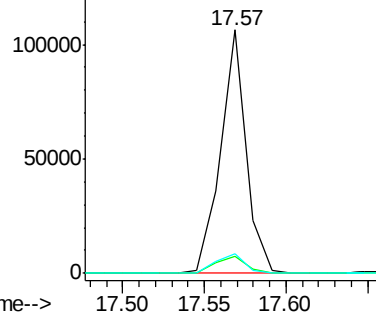
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF077127.D
 Acq: 29 Jan 2015 17:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 115359
 Ion Ratio Lower Upper
 188 100
 94 7.2 6.0 9.0
 80 8.2 6.9 10.3

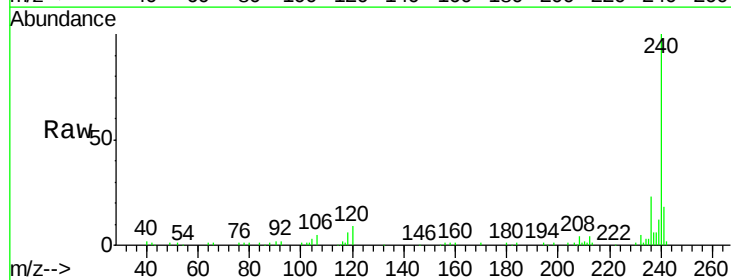


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

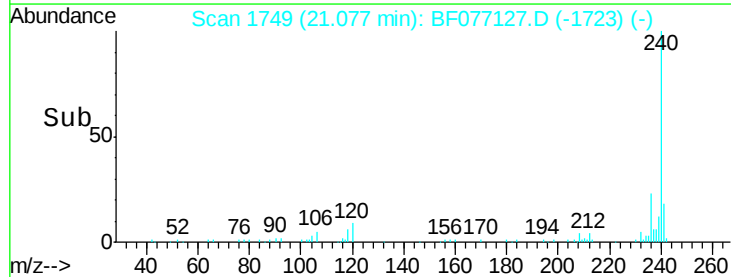
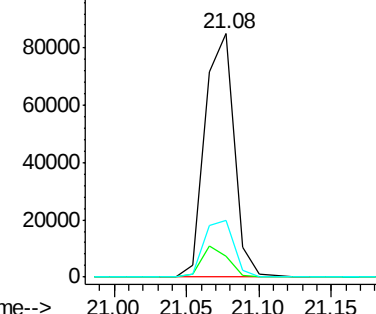


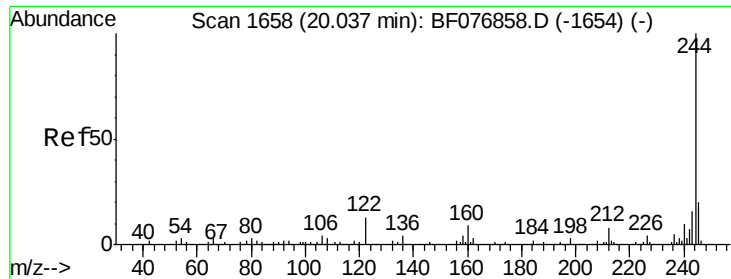
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.08 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BF077127.D
 Acq: 29 Jan 2015 17:03

Tgt Ion:240 Resp: 118564
 Ion Ratio Lower Upper
 240 100
 120 8.7 10.4 15.6#
 236 23.5 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

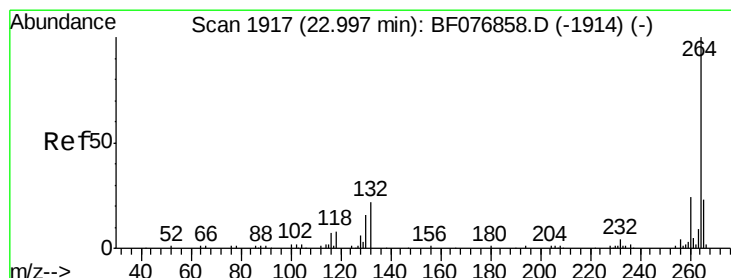
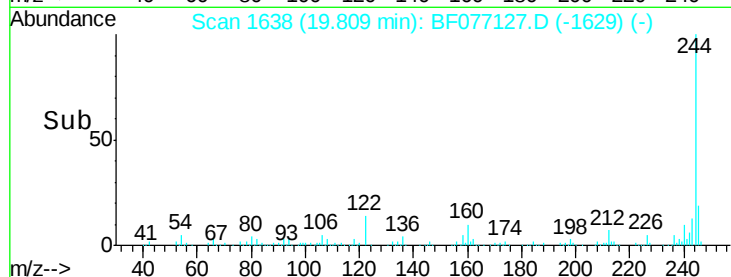
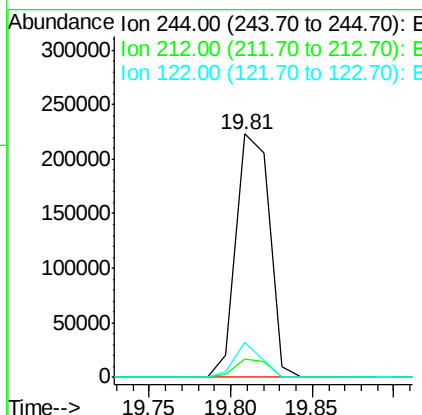
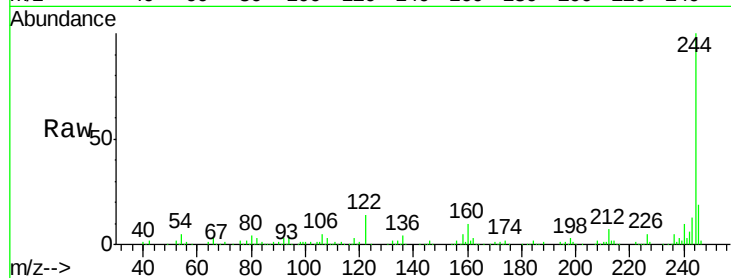




#78
 Terphenyl-d14
 Concen: 61.14 ng
 RT: 19.81 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF077127.D
 Acq: 29 Jan 2015 17:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 314900
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 14.3 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.77 min Scan# 1897
 Delta R.T. 0.05 min
 Lab File: BF077127.D
 Acq: 29 Jan 2015 17:03

Tgt Ion:264 Resp: 108587
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.0 28.4
 265 21.6 18.1 27.1

