

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077874.D
 Acq On : 20 Mar 2015 20:25
 Operator : TP/IZ
 Sample : G1575-13
 Misc : W
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-031815

Quant Time: Mar 21 00:46:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 23:52:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	45735	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	179315	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	89854	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	173465	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	185217	20.00	ng	-0.02
86) Perylene-d12	17.73	264	182585	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	159191	60.76	ng	0.00
7) Phenol-d6	6.70	99	114446	35.35	ng	0.00
23) Nitrobenzene-d5	7.82	82	293138	107.16	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	114575	133.27	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	626103	102.40	ng	0.00
78) Terphenyl-d14	14.71	244	727580	95.95	ng	0.00

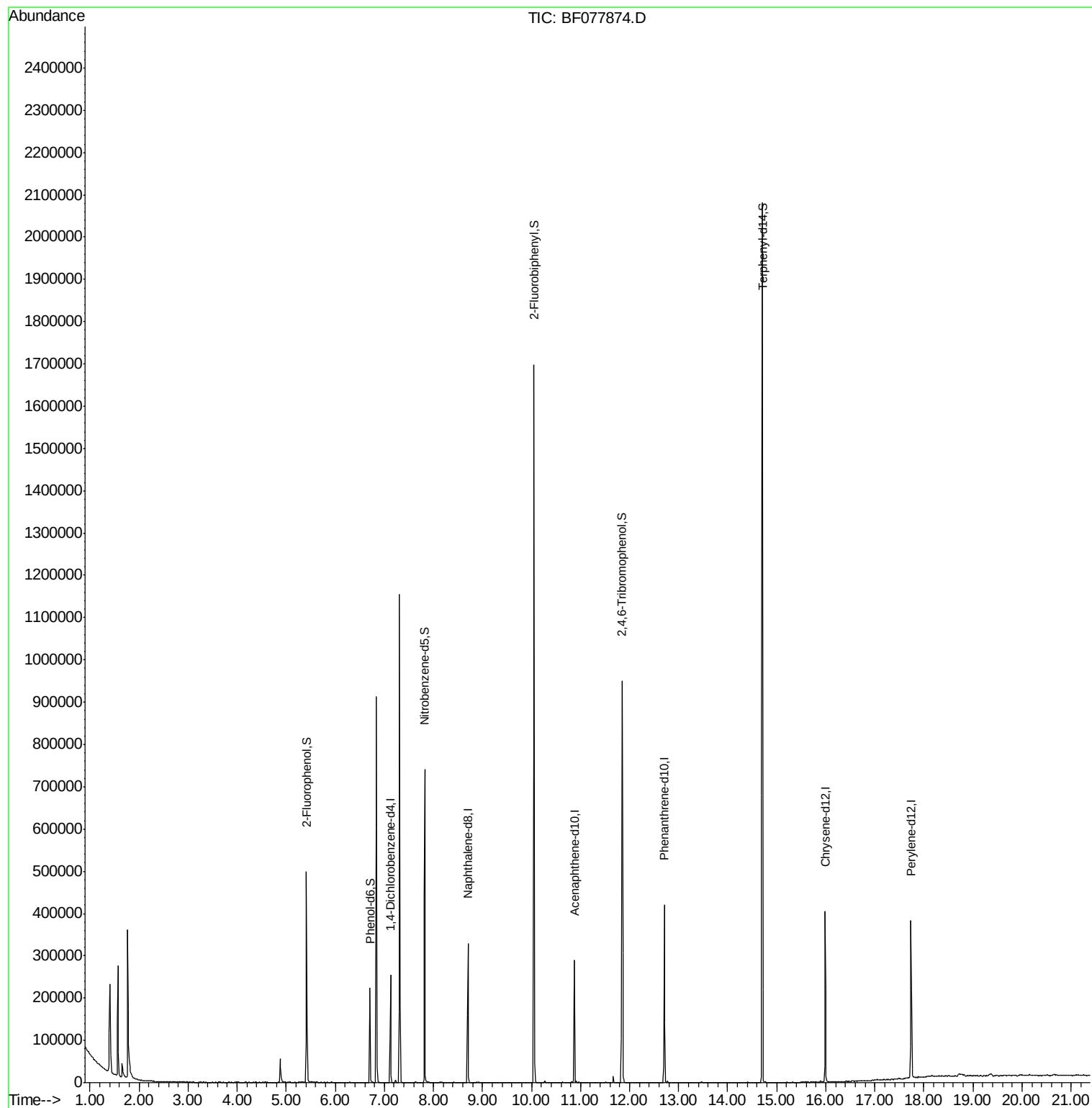
Target Compounds Qvalue

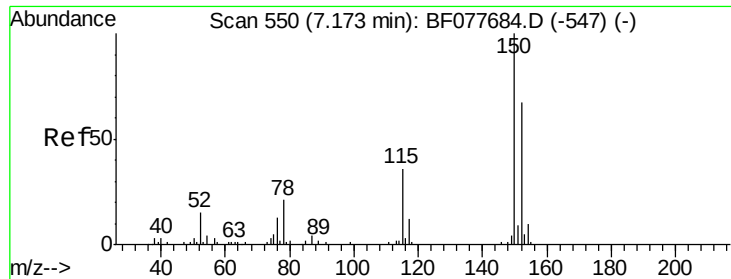
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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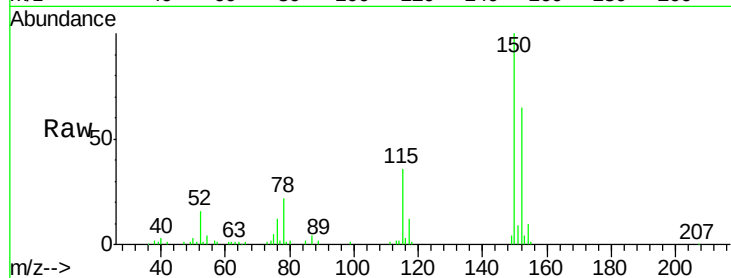


#1

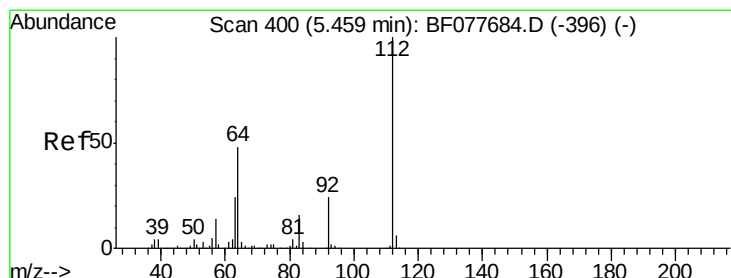
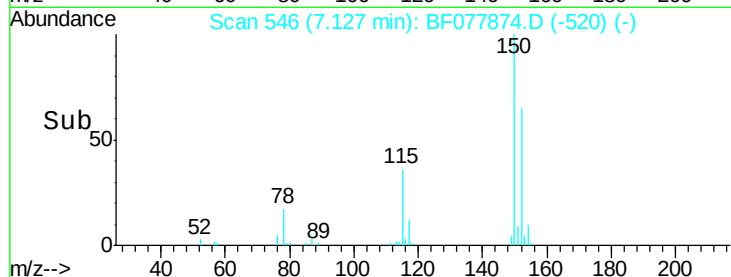
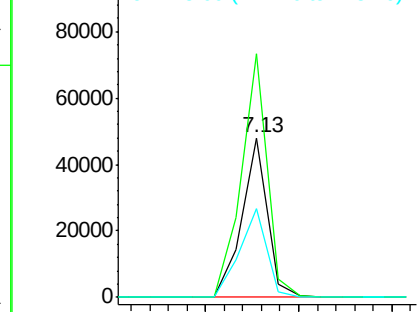
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF077874.D
Acq: 20 Mar 2015 20:25

Instrument :
BNA_F
ClientSampleId :
FB-031815

Tot Ion:152 Resp: 45735
Ion Ratio Lower Upper
152 100
150 152.9 119.5 179.3
115 55.8 43.0 64.4



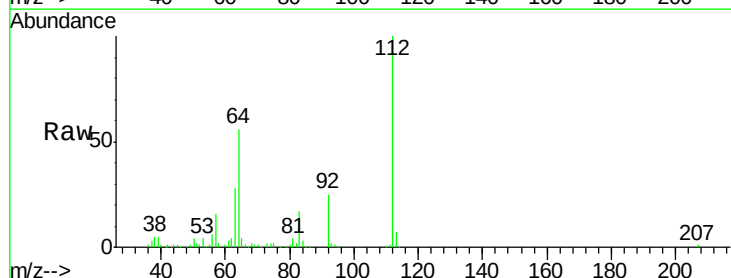
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



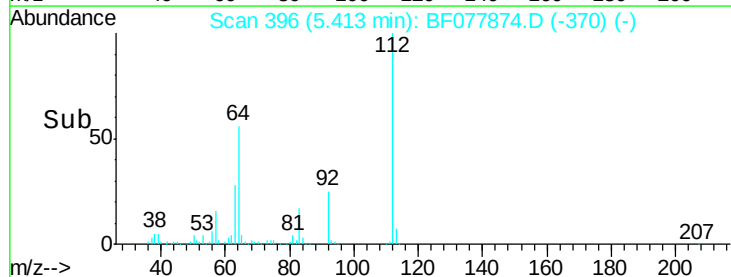
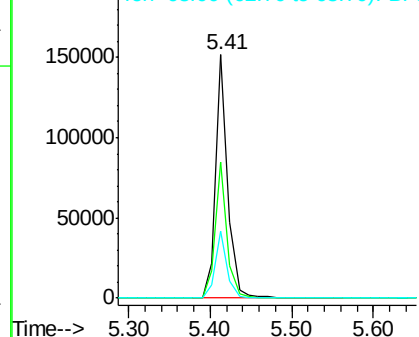
#5

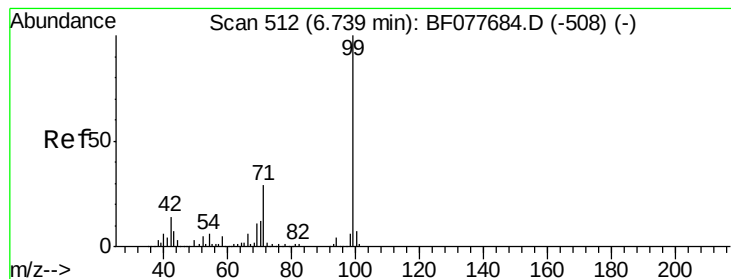
2-Fluorophenol
Concen: 60.76 ng
RT: 5.41 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF077874.D
Acq: 20 Mar 2015 20:25

Tgt Ion:112 Resp: 159191
Ion Ratio Lower Upper
112 100
64 56.0 38.6 57.8
63 27.7 19.3 28.9



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: 35.35 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077874.D

Acq: 20 Mar 2015 20:25

Instrument :

BNA_F

ClientSampleId :

FB-031815

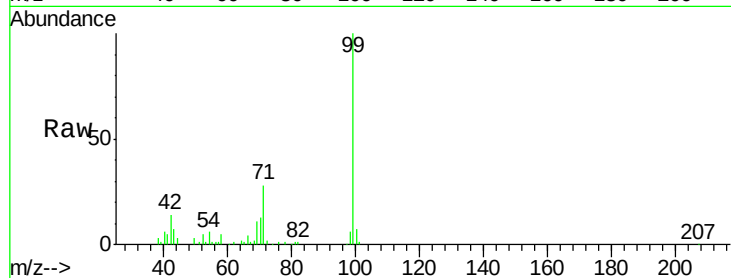
Tot Ion: 99 Resp: 114446

Ion Ratio Lower Upper

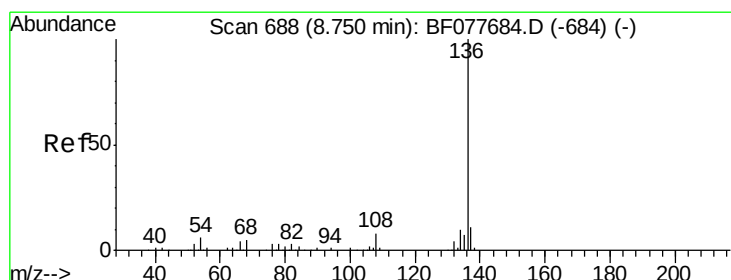
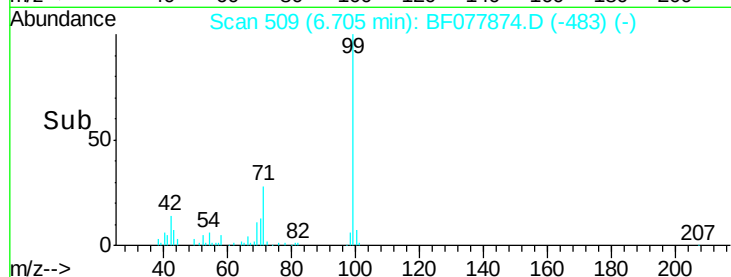
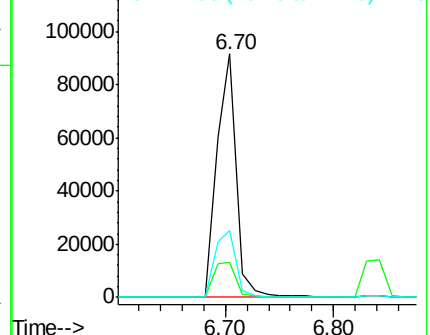
99 100

42 14.2 11.0 16.4

71 27.7 23.4 35.2



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: 8.70 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF077874.D

Acq: 20 Mar 2015 20:25

Tgt Ion: 136 Resp: 179315

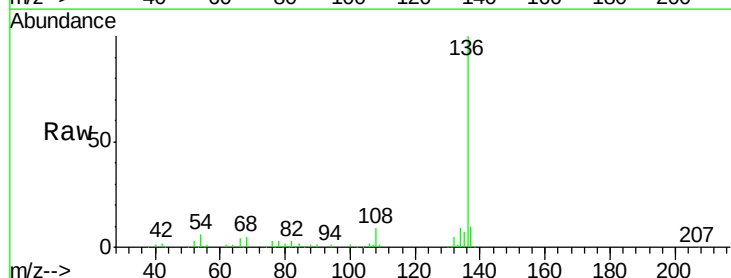
Ion Ratio Lower Upper

136 100

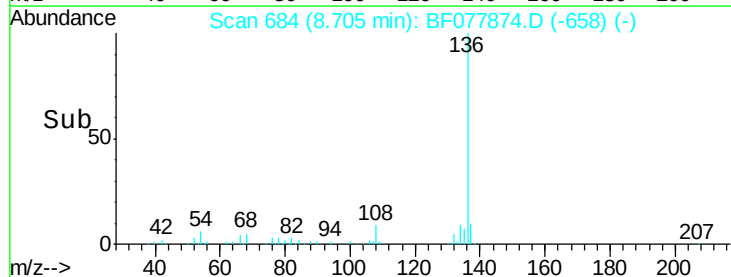
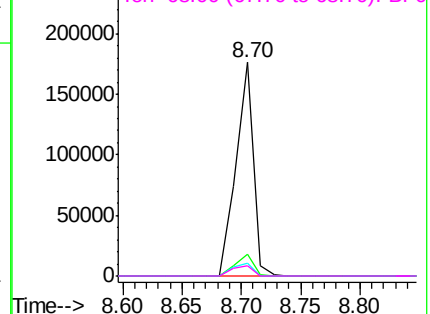
137 10.4 8.7 13.1

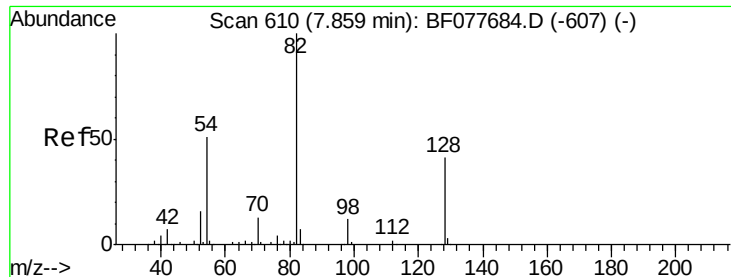
54 5.7 4.6 6.8

68 4.7 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

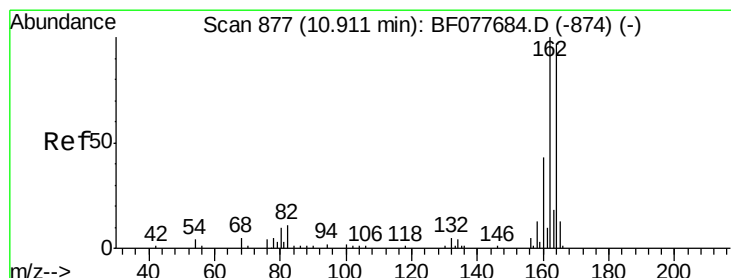
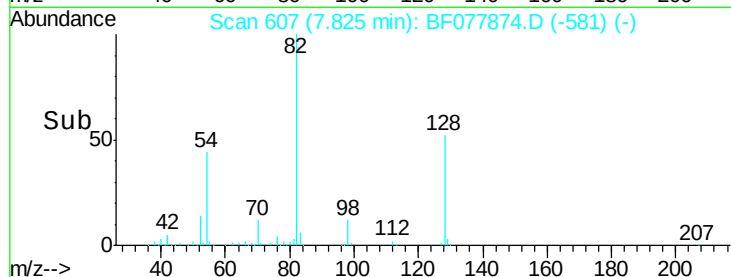
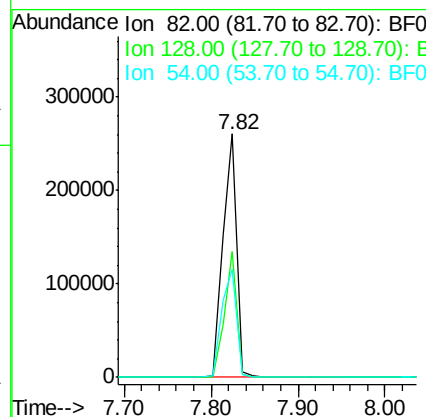
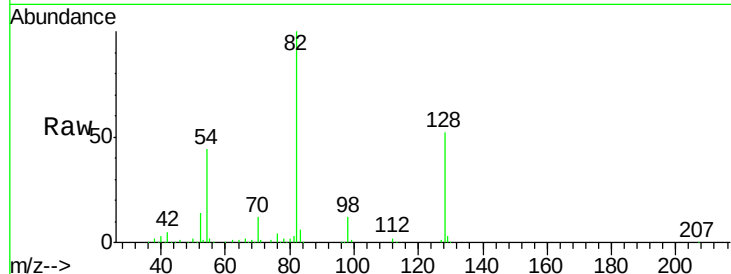




#23
 Nitrobenzene-d5
 Concen: 107.16 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

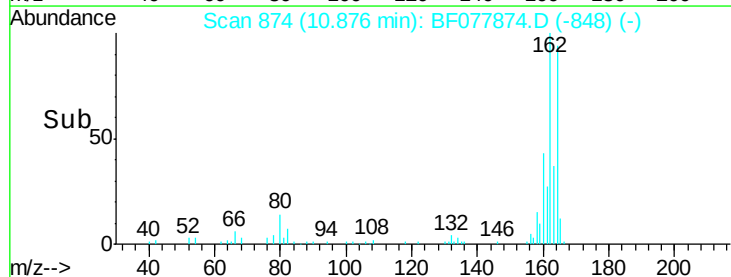
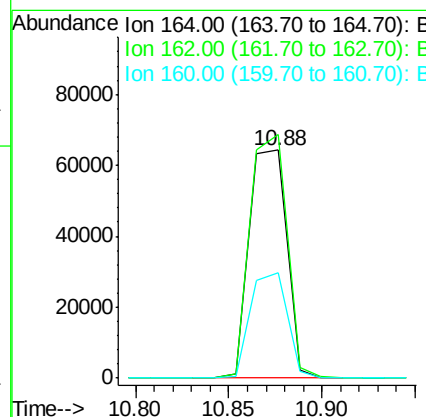
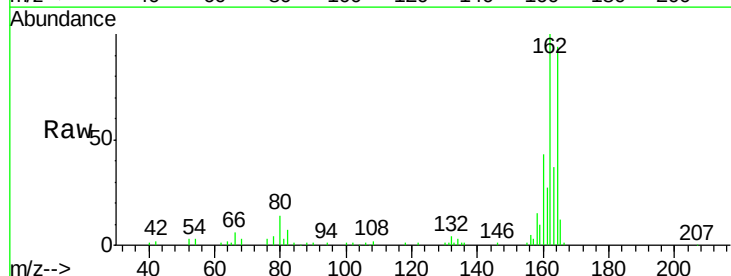
Instrument :
 BNA_F
 ClientSampleID :
 FB-031815

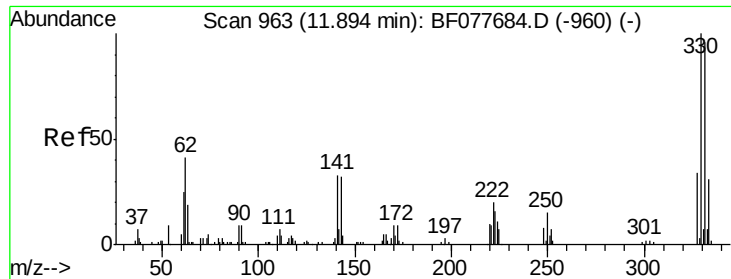
Tot Ion	82	Resp	293138
Ion Ratio	100	Lower	Upper
128	51.8	32.8	49.2#
54	44.2	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

Tgt Ion	164	Resp	89854
Ion Ratio	100	Lower	Upper
162	106.8	82.4	123.6
160	46.4	35.8	53.6

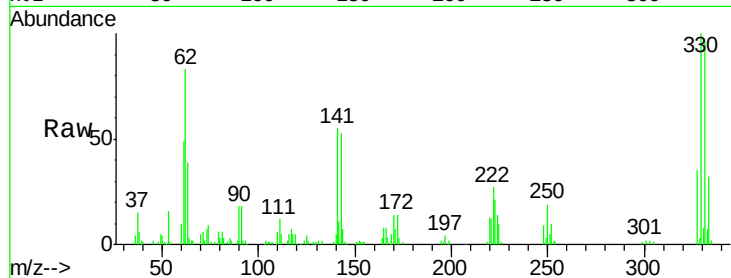




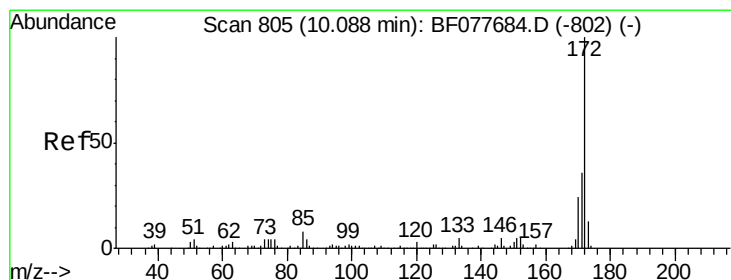
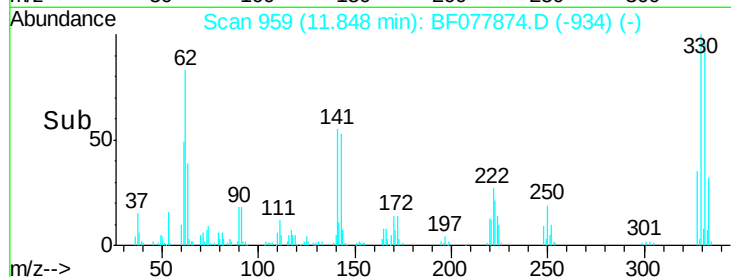
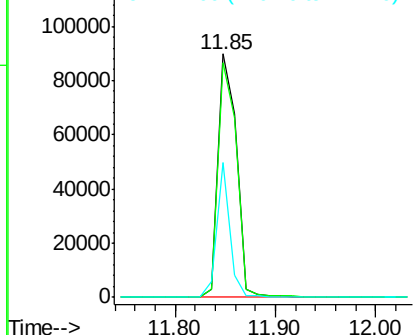
#41
 2,4,6-Tribromophenol
 Concen: 133.27 ng
 RT: 11.85 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

Instrument :
 BNA_F
 ClientSampleId :
 FB-031815

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	39.0	0.0	0.0#

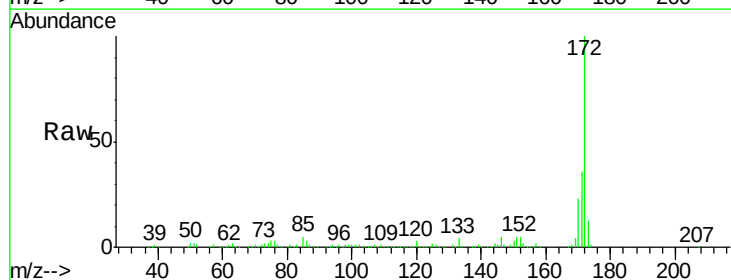


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

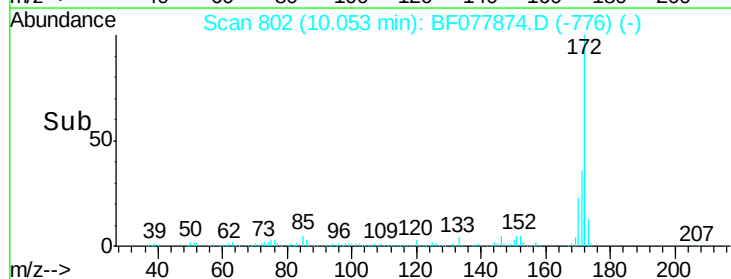
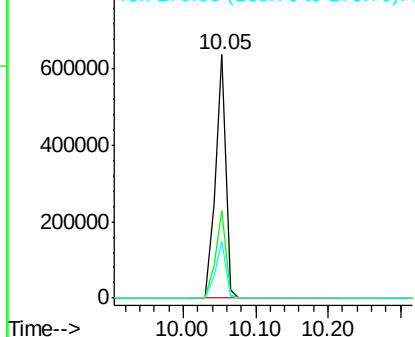


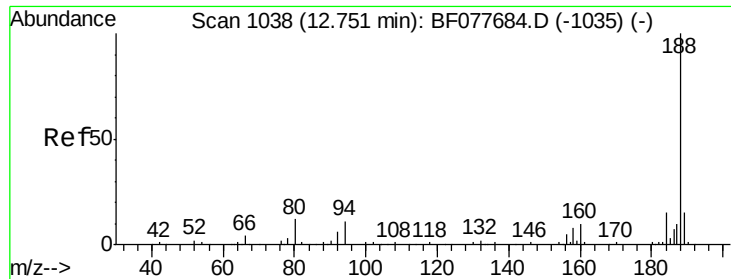
#44
 2-Fluorobiphenyl
 Concen: 102.40 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.4	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

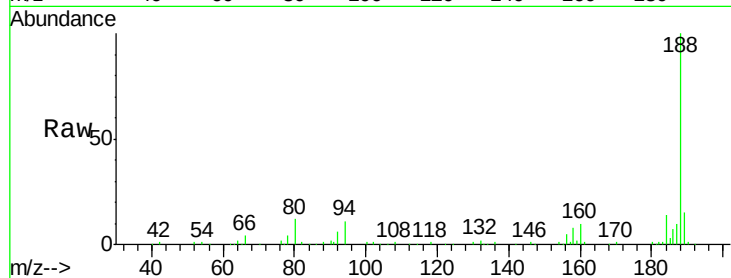




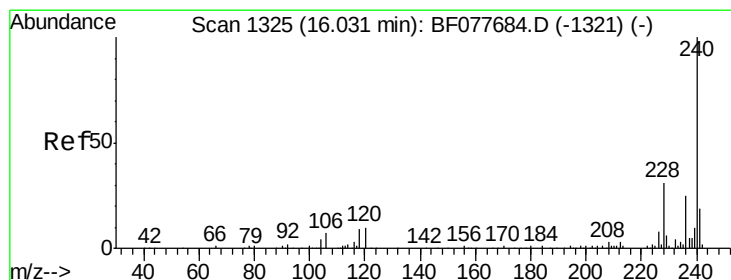
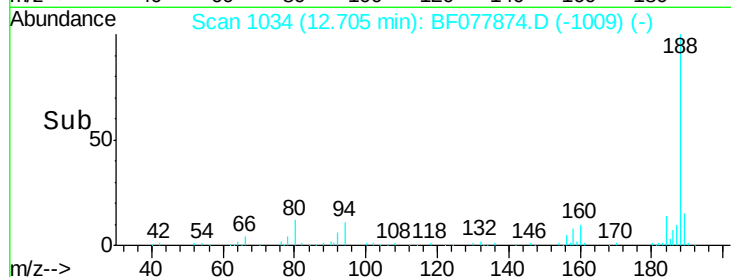
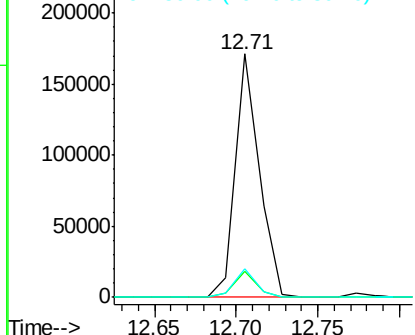
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF077874.D
Acq: 20 Mar 2015 20:25

Instrument :
BNA_F
ClientSampleId :
FB-031815

Tot Ion:188 Resp: 173465
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.9 9.3 13.9

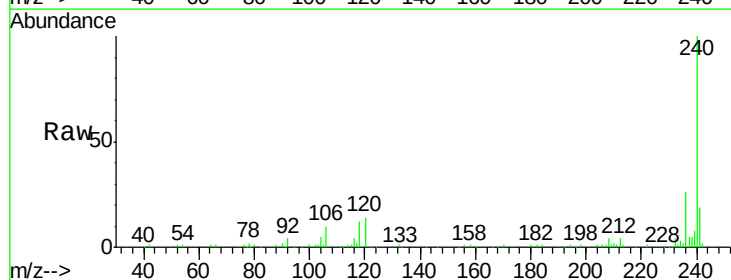


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

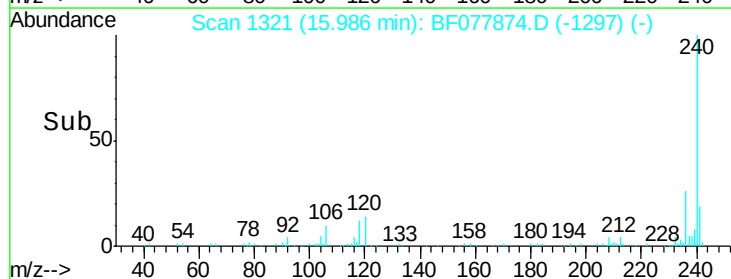
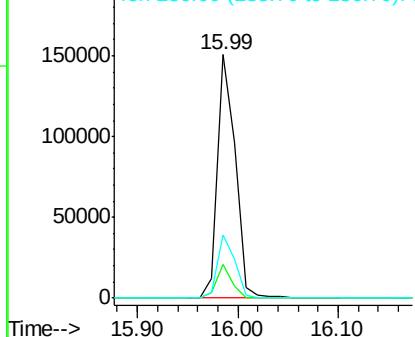


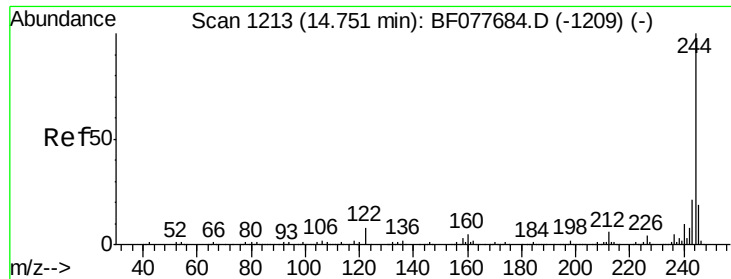
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077874.D
Acq: 20 Mar 2015 20:25

Tgt Ion:240 Resp: 185217
Ion Ratio Lower Upper
240 100
120 14.0 8.2 12.2#
236 26.0 20.0 30.0



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

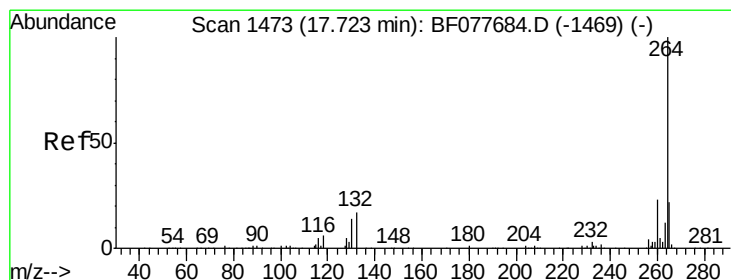
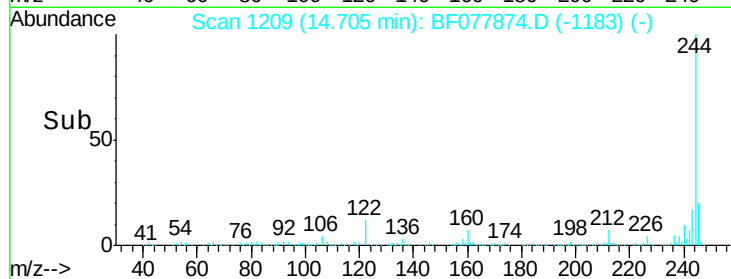
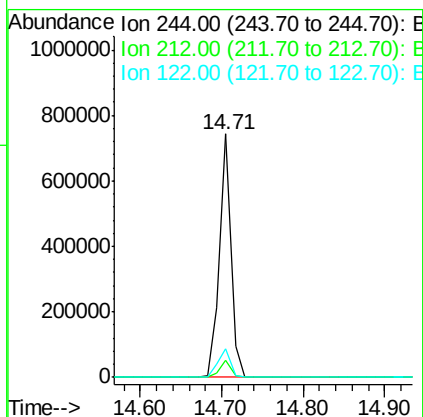
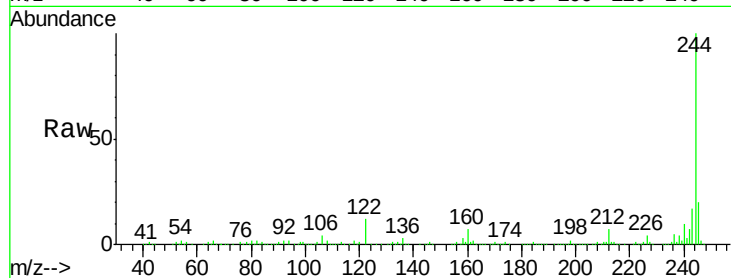




#78
 Terphenyl-d14
 Concen: 95.95 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

Instrument :
 BNA_F
 ClientSampleId :
 FB-031815

Tot Ion:244 Resp: 727580
 Ion Ratio Lower Upper
 244 100
 212 6.8 4.9 7.3
 122 11.9 6.2 9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1474
 Delta R.T. -0.10 min
 Lab File: BF077874.D
 Acq: 20 Mar 2015 20:25

Tgt Ion:264 Resp: 182585
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.7 17.3 25.9

