

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077875.D
 Acq On : 20 Mar 2015 20:54
 Operator : TP/IZ
 Sample : G1575-08
 Misc : W
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-9V

Quant Time: Mar 21 00:52:37 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

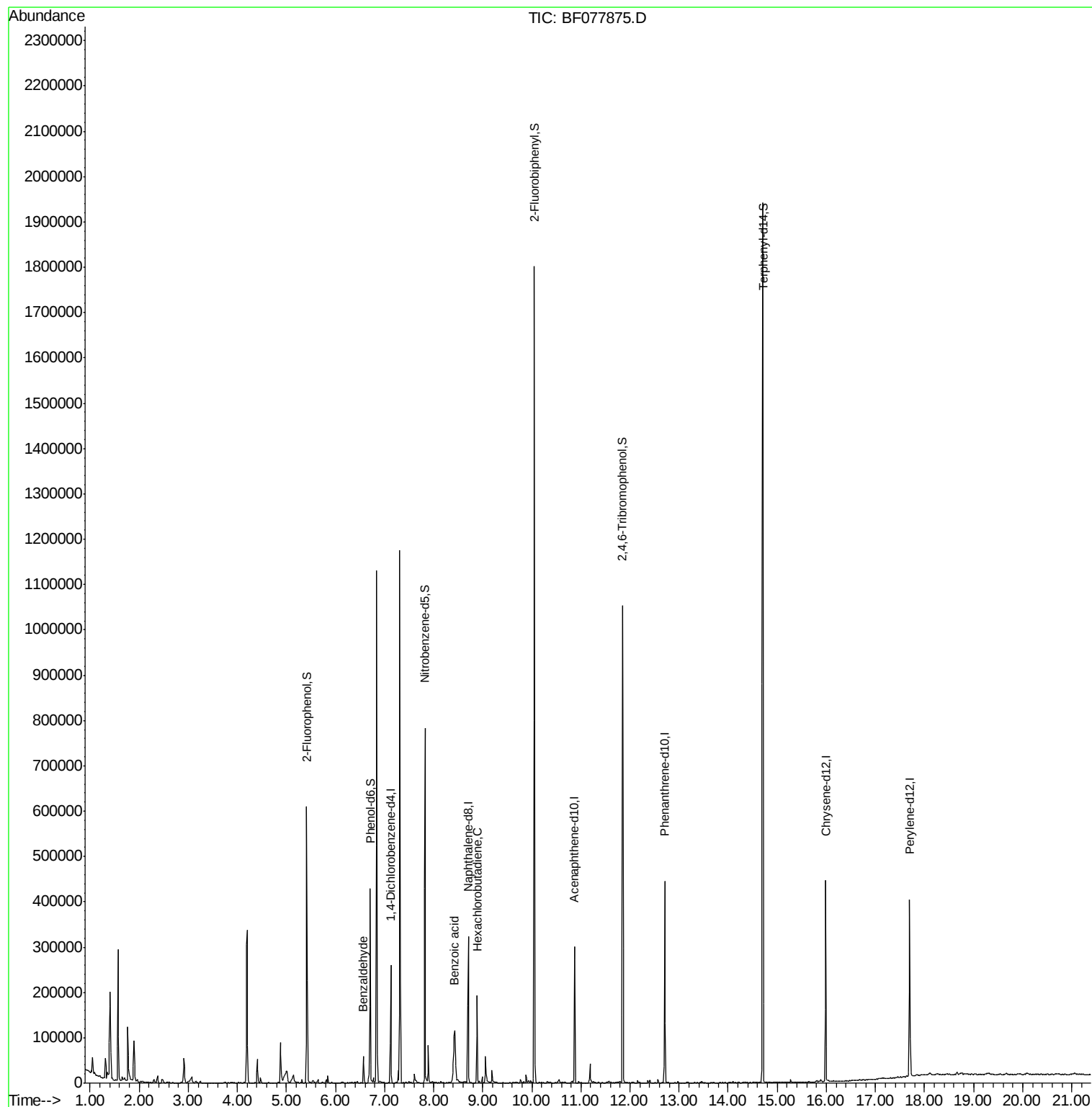
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	43772	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	178176	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	87524	20.00	ng	-0.01
63) Phenanthrene-d10	12.71	188	174281	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	183150	20.00	ng	-0.02
86) Perylene-d12	17.70	264	176946	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	201691	80.43	ng	0.00
7) Phenol-d6	6.70	99	168057	54.24	ng	0.00
23) Nitrobenzene-d5	7.82	82	298763	109.92	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	122346	146.10	ng	-0.01
44) 2-Fluorobiphenyl	10.05	172	650825	109.28	ng	0.00
78) Terphenyl-d14	14.71	244	733914	97.88	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	16013	12.62	ng	96
32) Benzoic acid	8.43	122	58519	40.67	ng	98
34) Hexachlorobutadiene	8.89	225	26895	17.04	ng	96

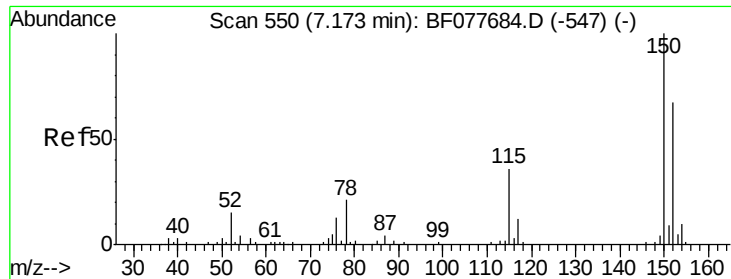
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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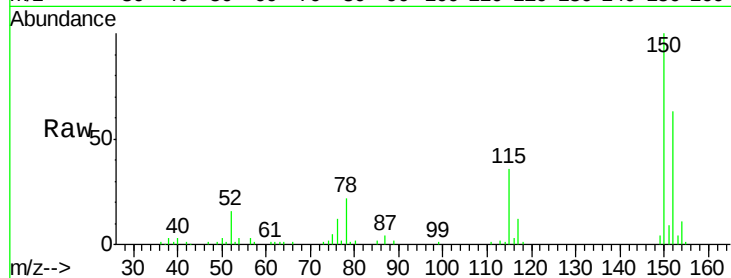


#1

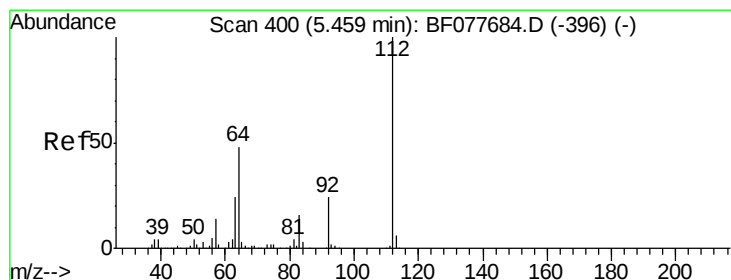
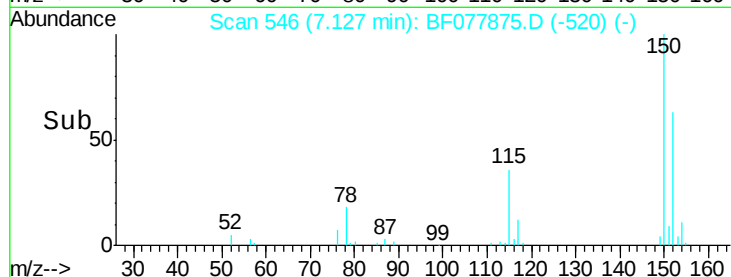
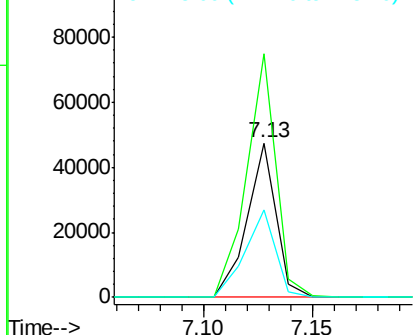
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF077875.D
Acq: 20 Mar 2015 20:54

Instrument :
BNA_F
ClientSampleId :
RW-9V

Tot Ion:152 Resp: 43772
Ion Ratio Lower Upper
152 100
150 157.9 119.5 179.3
115 56.8 43.0 64.4



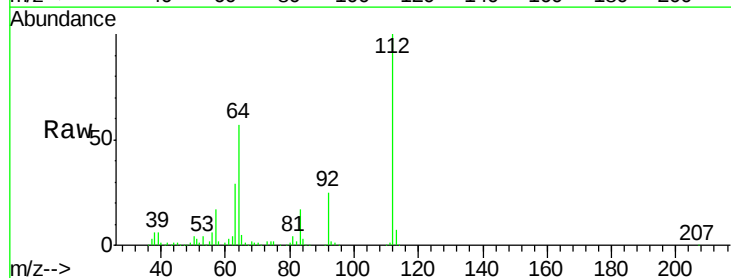
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



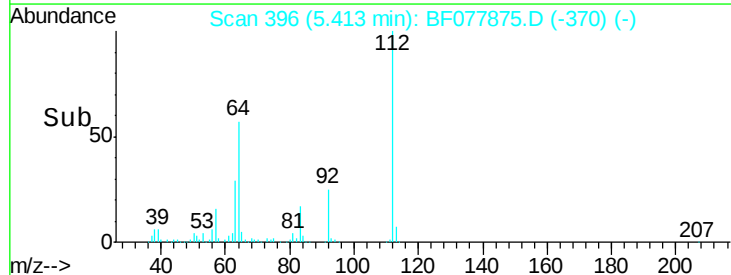
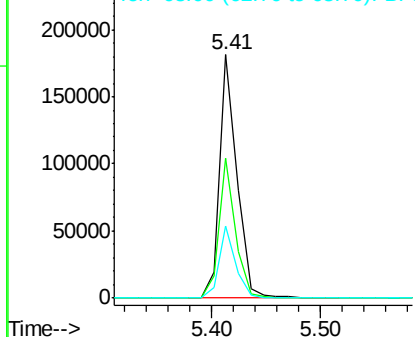
#5

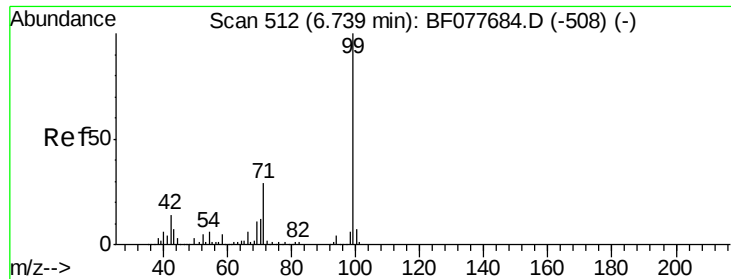
2-Fluorophenol
Concen: 80.43 ng
RT: 5.41 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF077875.D
Acq: 20 Mar 2015 20:54

Tgt Ion:112 Resp: 201691
Ion Ratio Lower Upper
112 100
64 57.4 38.6 57.8
63 29.5 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: 54.24 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077875.D

Acq: 20 Mar 2015 20:54

Instrument :

BNA_F

ClientSampleId :

RW-9V

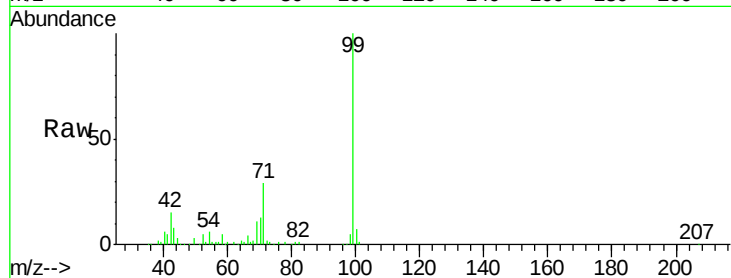
Tot Ion: 99 Resp: 168057

Ion Ratio Lower Upper

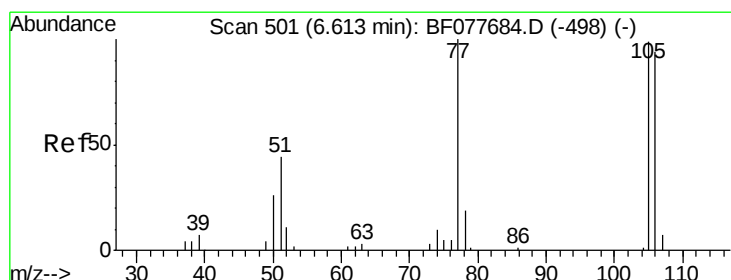
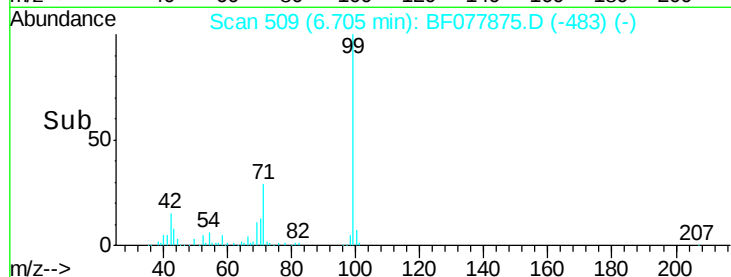
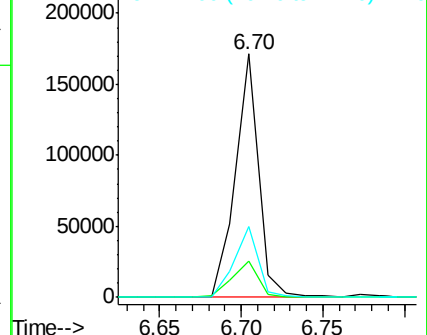
99 100

42 14.8 11.0 16.4

71 29.3 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



#9

Benzaldehyde

Concen: 12.62 ng

RT: 6.57 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF077875.D

Acq: 20 Mar 2015 20:54

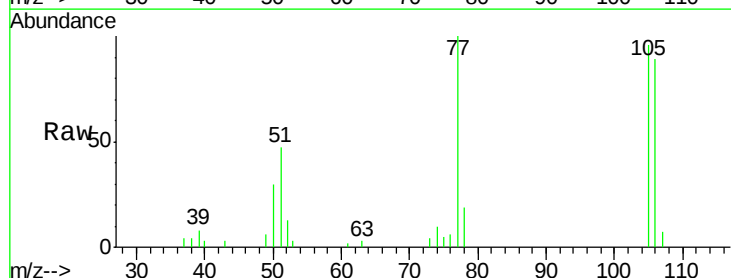
Tgt Ion: 77 Resp: 16013

Ion Ratio Lower Upper

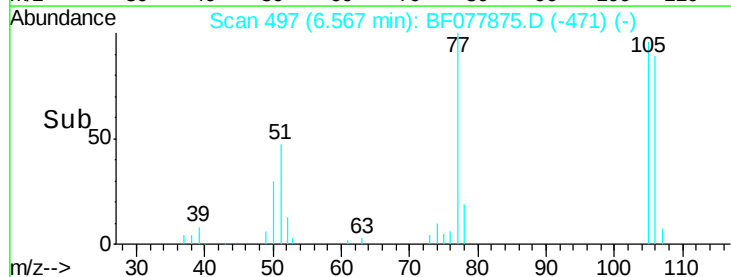
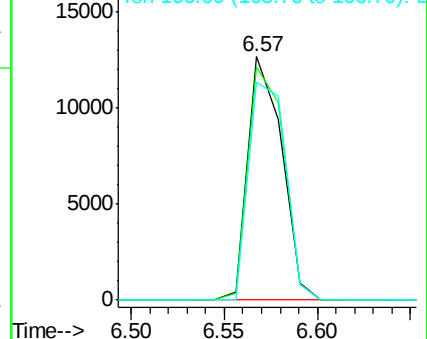
77 100

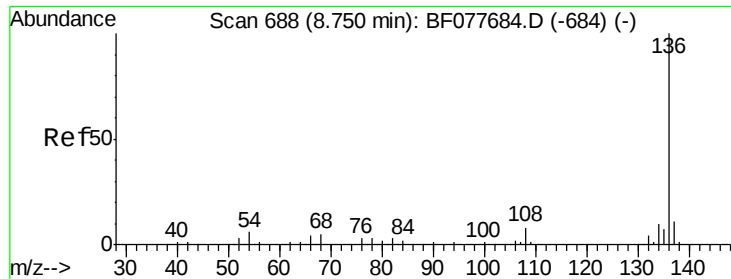
105 95.7 78.8 118.8

106 89.5 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

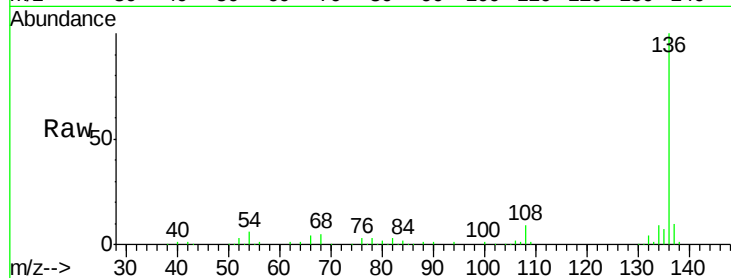




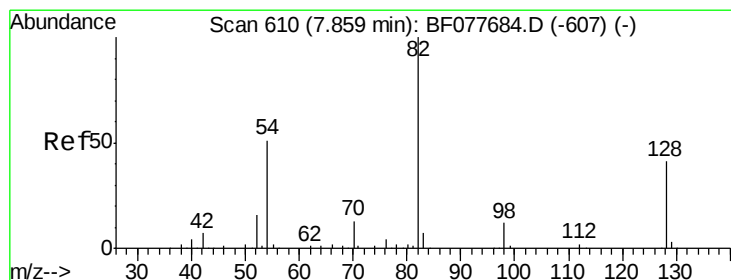
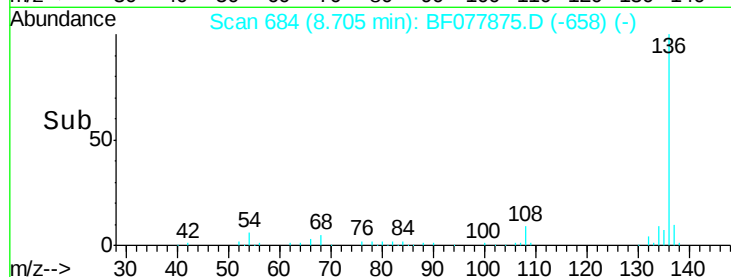
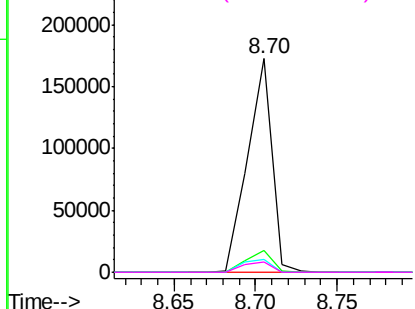
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077875.D
Acq: 20 Mar 2015 20:54

Instrument :
BNA_F
ClientSampleId :
RW-9V

Tot Ion:	136	Resp:	178176
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.7	4.6	6.8
68	4.7	3.7	5.5

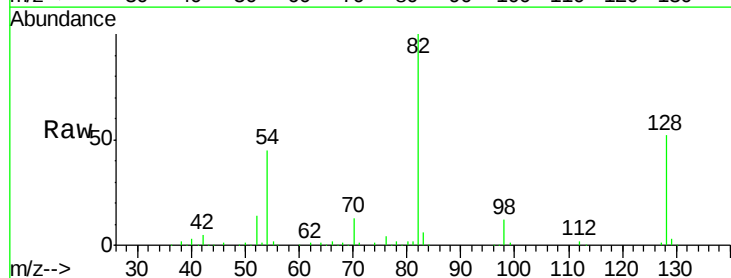


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

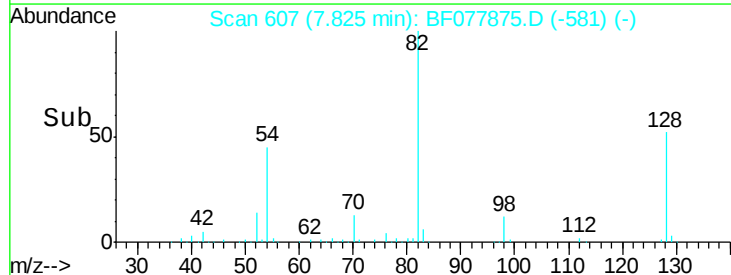
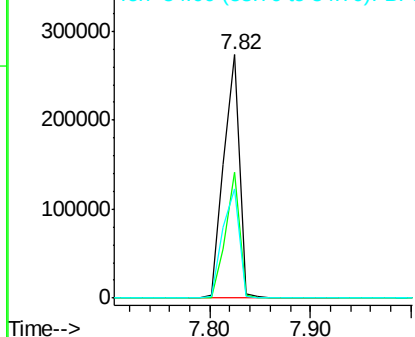


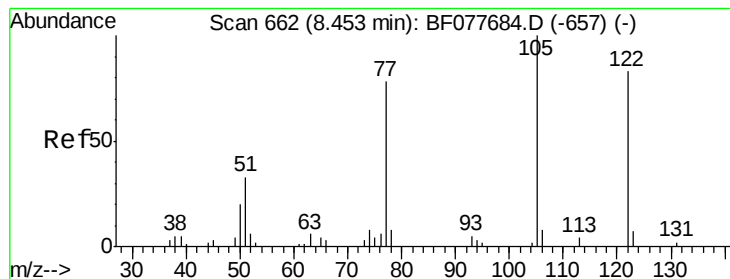
#23
Nitrobenzene-d5
Concen: 109.92 ng
RT: 7.82 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF077875.D
Acq: 20 Mar 2015 20:54

Tgt Ion:	82	Resp:	298763
Ion	Ratio	Lower	Upper
82	100		
128	51.8	32.8	49.2#
54	44.7	40.6	60.8



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





#32

Benzoic acid

Concen: 40.67 ng

RT: 8.43 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF077875.D

Acq: 20 Mar 2015 20:54

Instrument :

BNA_F

ClientSampleId :

RW-9V

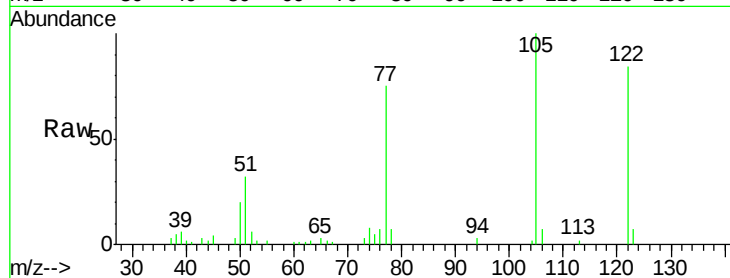
Tot Ion:122 Resp: 58519

Ion Ratio Lower Upper

122 100

105 119.5 99.9 139.9

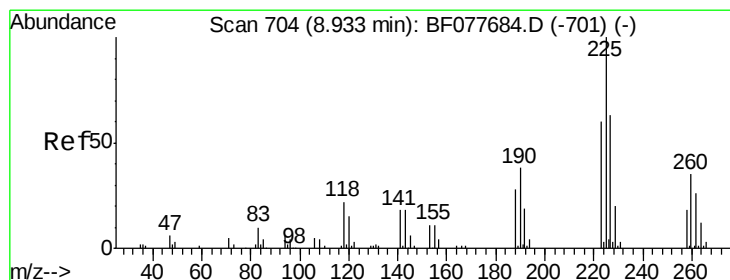
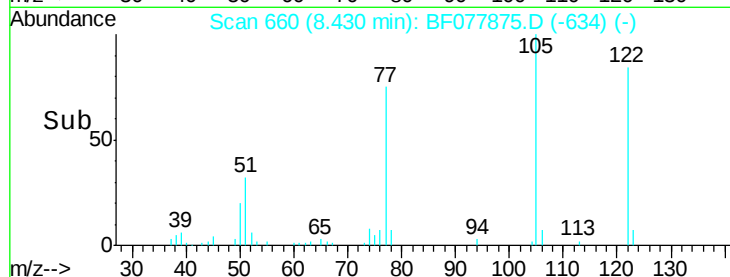
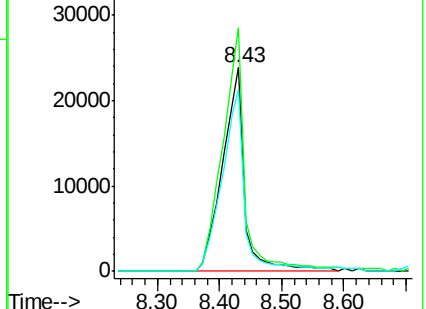
77 89.6 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#34

Hexachlorobutadiene

Concen: 17.04 ng

RT: 8.89 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF077875.D

Acq: 20 Mar 2015 20:54

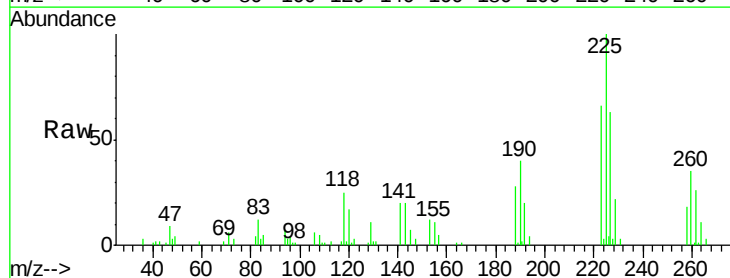
Tgt Ion:225 Resp: 26895

Ion Ratio Lower Upper

225 100

223 65.7 47.9 71.9

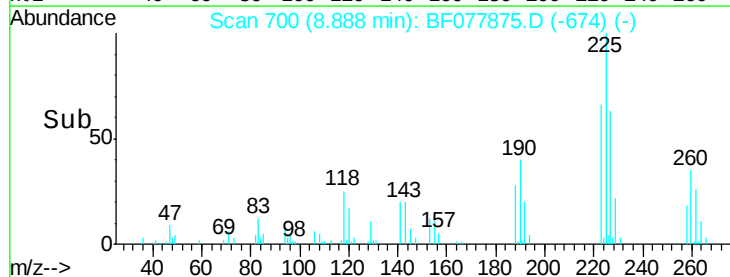
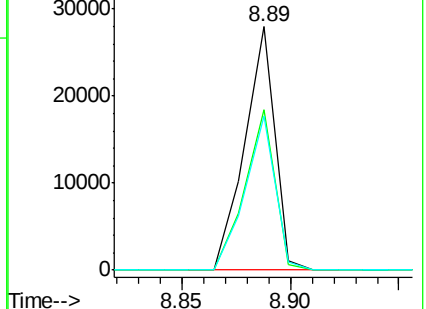
227 63.3 50.1 75.1

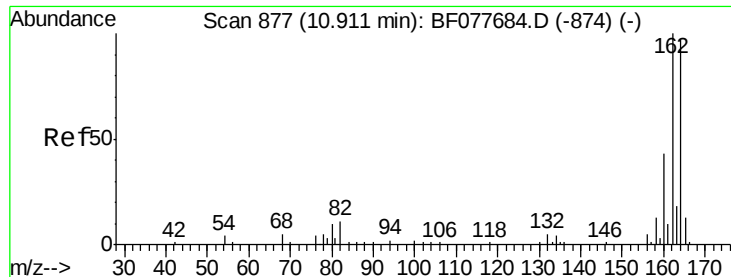


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

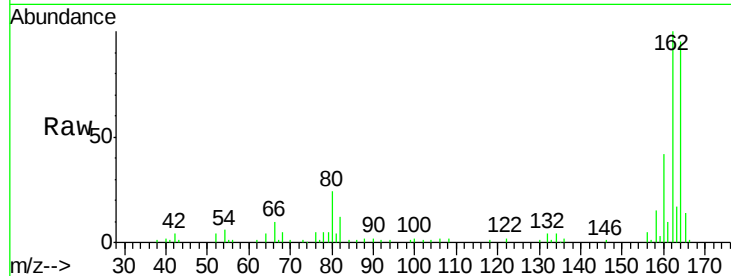




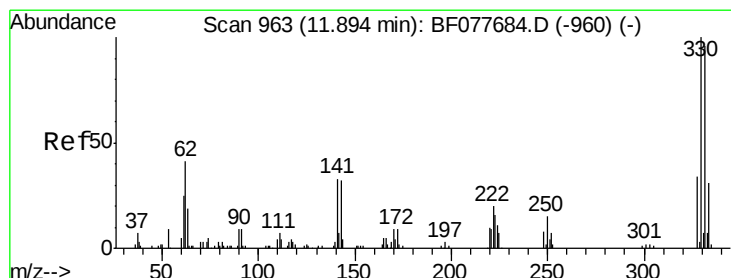
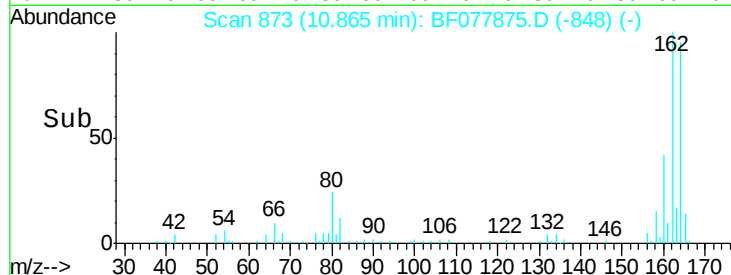
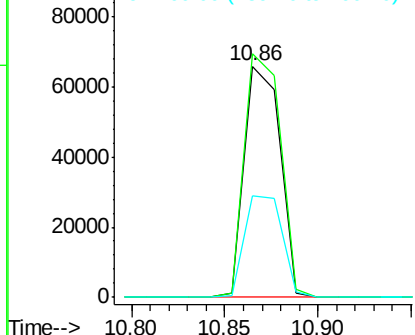
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF077875.D
Acq: 20 Mar 2015 20:54

Instrument :
BNA_F
ClientSampleId :
RW-9V

Tot Ion:164 Resp: 87524
Ion Ratio Lower Upper
164 100
162 105.5 82.4 123.6
160 44.1 35.8 53.6

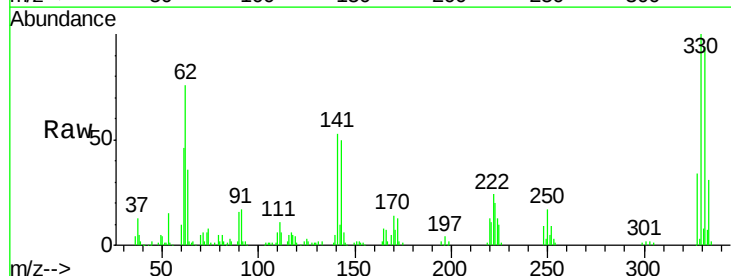


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

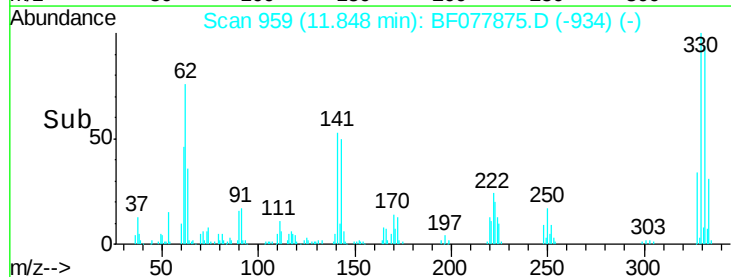
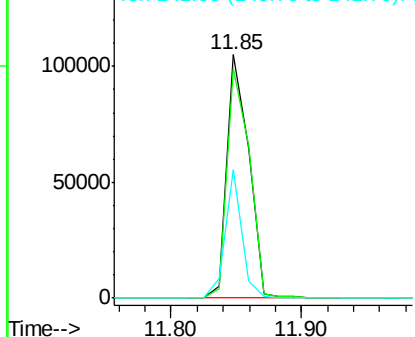


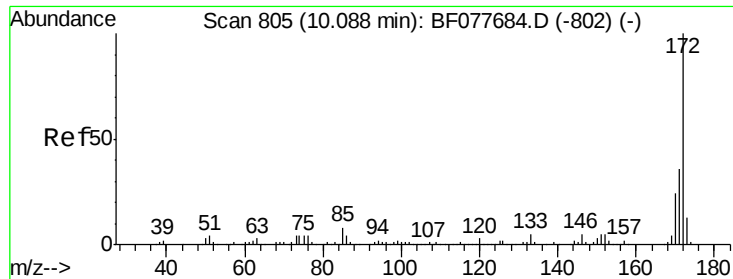
#41
2,4,6-Tribromophenol
Concen: 146.10 ng
RT: 11.85 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF077875.D
Acq: 20 Mar 2015 20:54

Tgt Ion:330 Resp: 122346
Ion Ratio Lower Upper
330 100
332 96.8 0.0 0.0#
141 40.5 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

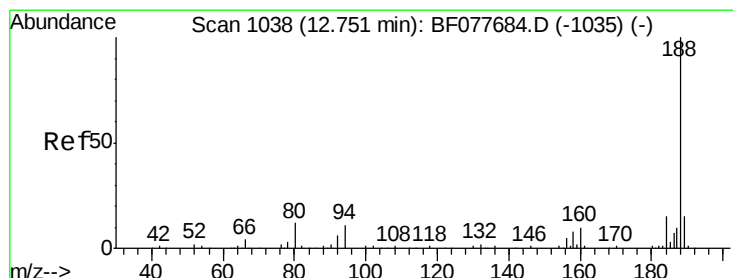
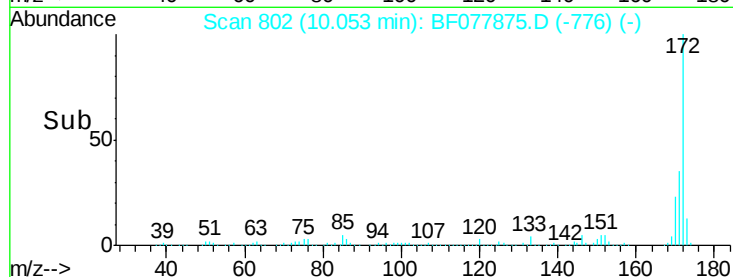
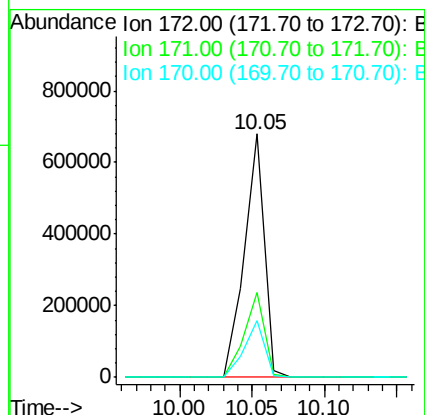
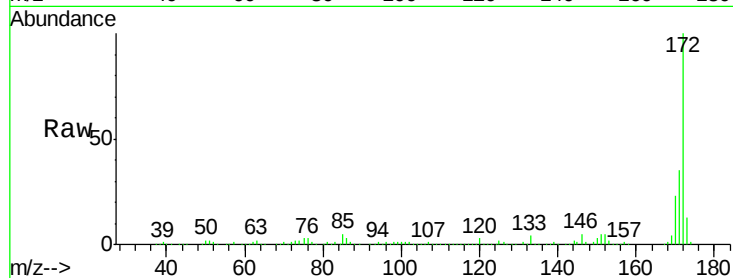




#44
2-Fluorobiphenyl
Concen: 109.28 ng
RT: 10.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF077875.D
Acq: 20 Mar 2015 20:54

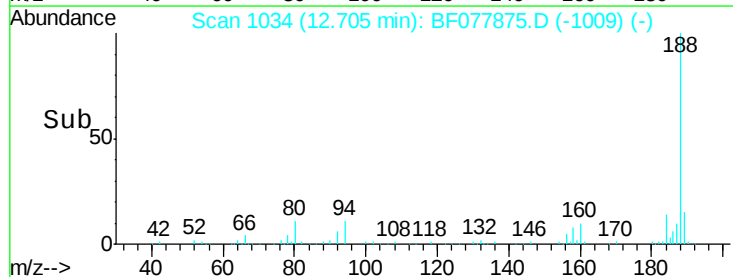
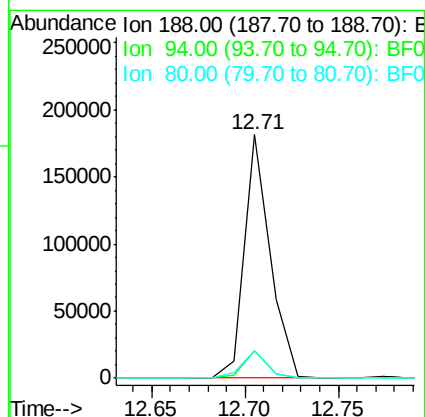
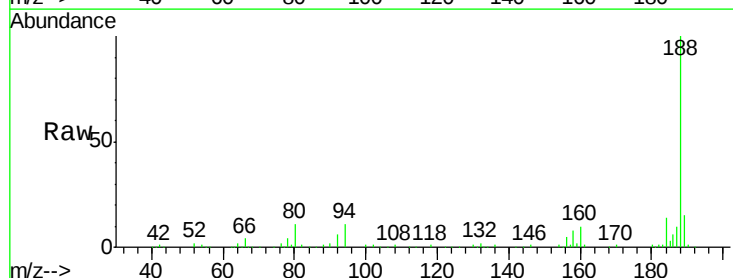
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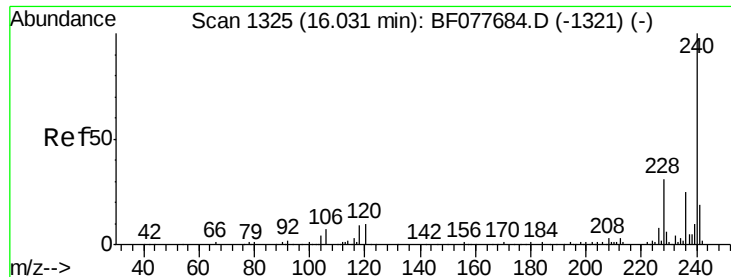
Tot Ion:172 Resp: 650825
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.2 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF077875.D
Acq: 20 Mar 2015 20:54

Tgt Ion:188 Resp: 174281
Ion Ratio Lower Upper
188 100
94 11.0 8.7 13.1
80 11.4 9.3 13.9

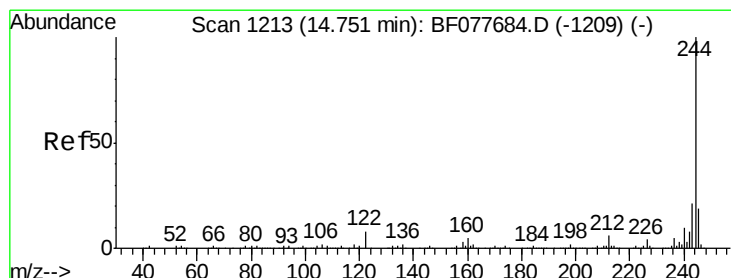
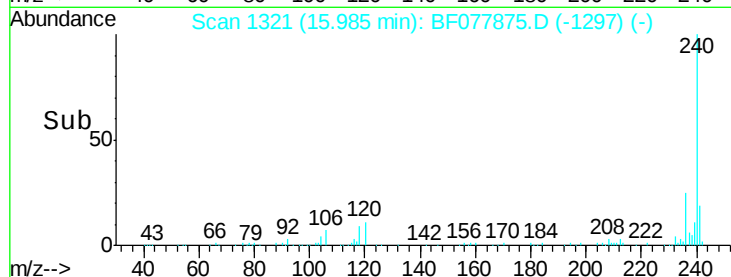
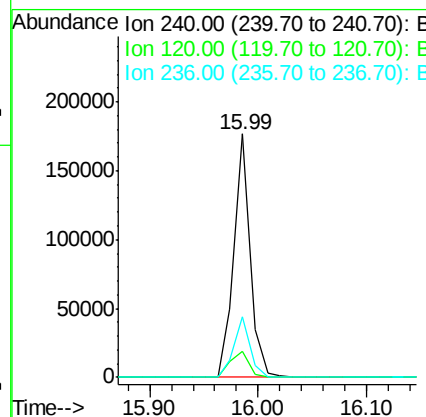
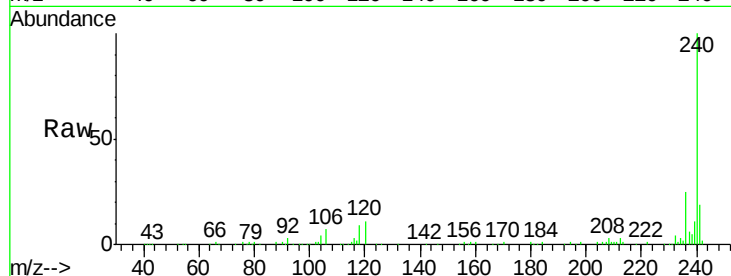




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF077875.D
 Acq: 20 Mar 2015 20:54

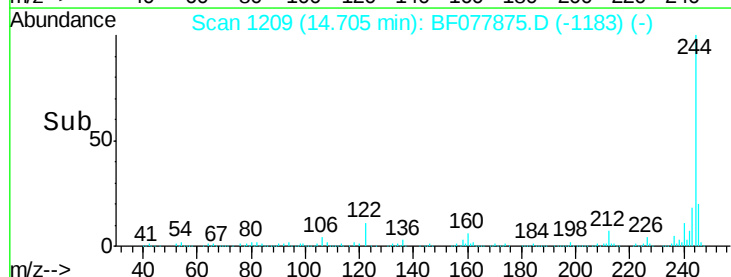
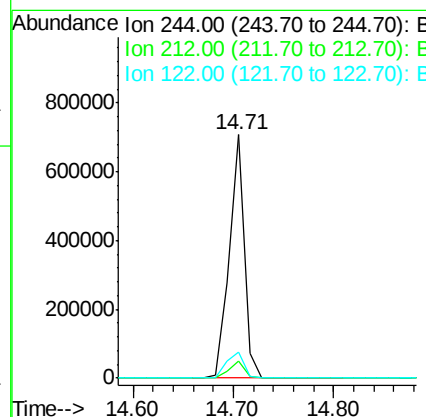
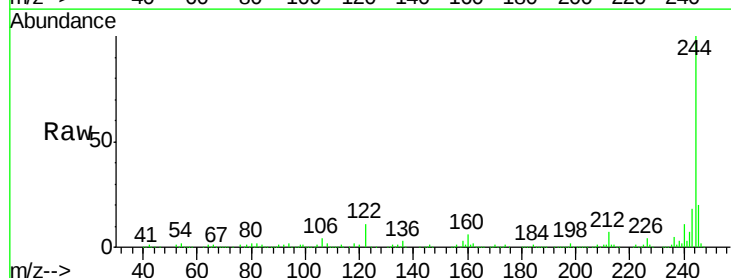
Instrument :
 BNA_F
 ClientSampleId :
 RW-9V

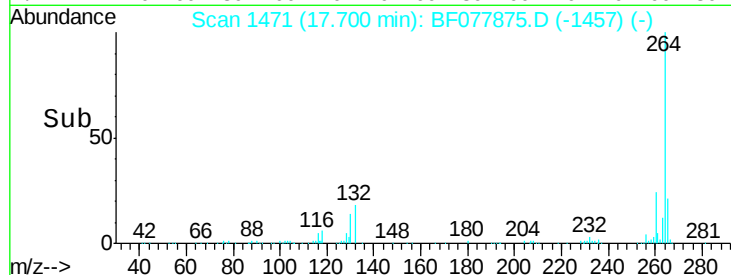
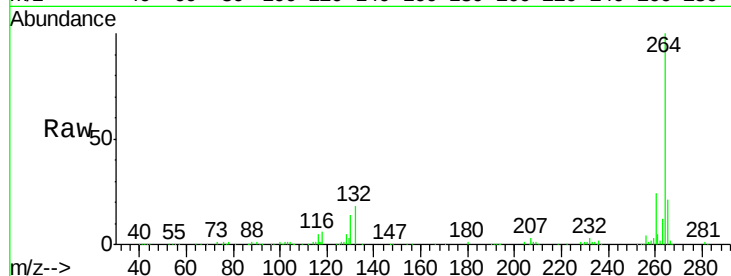
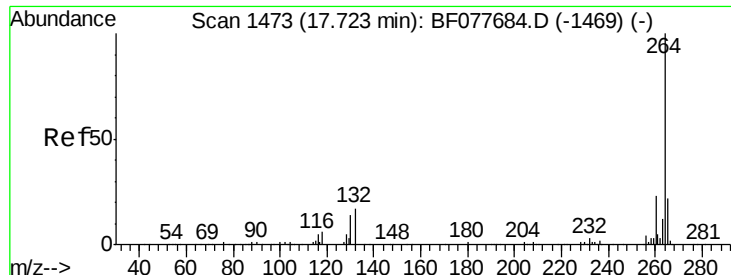
Tot Ion:240 Resp: 183150
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.2 12.2
 236 24.8 20.0 30.0



#78
 Terphenyl-d14
 Concen: 97.88 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF077875.D
 Acq: 20 Mar 2015 20:54

Tgt Ion:244 Resp: 733914
 Ion Ratio Lower Upper
 244 100
 212 6.9 4.9 7.3
 122 10.8 6.2 9.4#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.70 min Scan# 1471
 Delta R.T. -0.14 min
 Lab File: BF077875.D
 Acq: 20 Mar 2015 20:54

Instrument :
 BNA_F
 ClientSampleId :
 RW-9V

Tot Ion:	264	Resp:	176946
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	20.9	17.3	25.9

