

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078878.D
 Acq On : 1 May 2015 5:53
 Operator : TP/IZ
 Sample : G2002-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-04

Quant Time: May 01 06:44:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

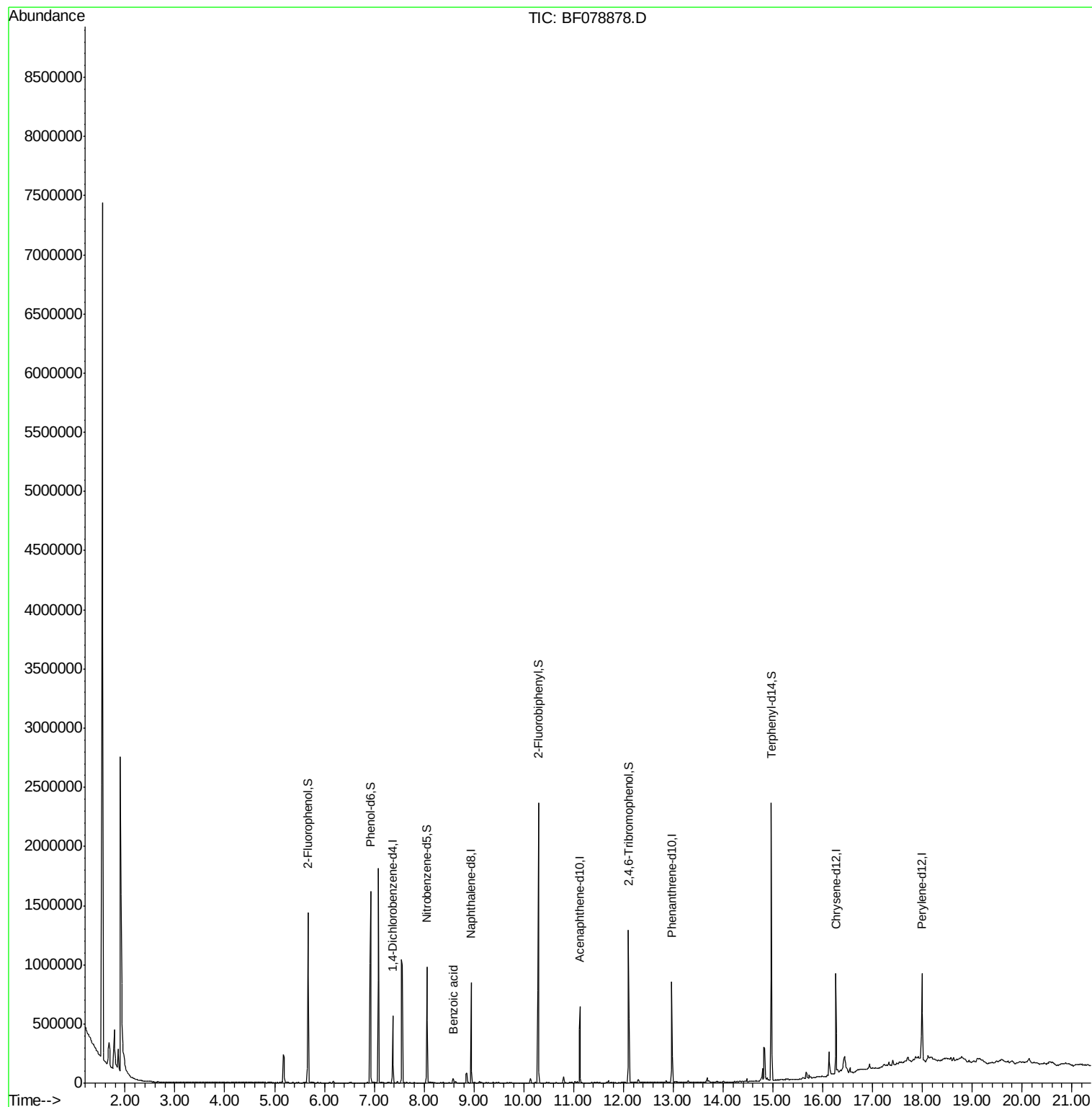
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	83708	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	351308	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	166529	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	316784	20.00	ng	0.00
75) Chrysene-d12	16.26	240	324980	20.00	ng	-0.01
86) Perylene-d12	17.99	264	351446	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	502207	103.27	ng	0.00
7) Phenol-d6	6.92	99	691979	107.65	ng	0.01
23) Nitrobenzene-d5	8.06	82	362258	59.26	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	174253	96.72	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	744610	62.30	ng	0.00
78) Terphenyl-d14	14.97	244	825022	60.78	ng	0.00
Target Compounds						
32) Benzoic acid	8.58	122	8664	8.71	ng	Qvalue 94

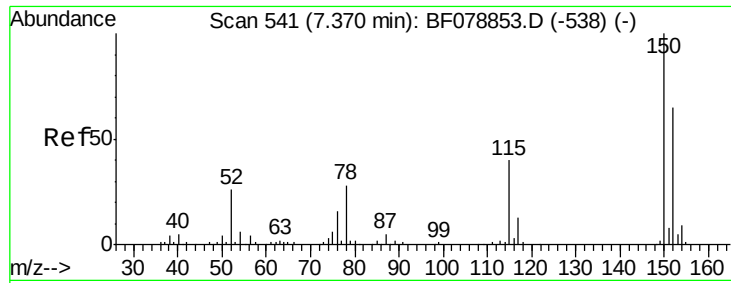
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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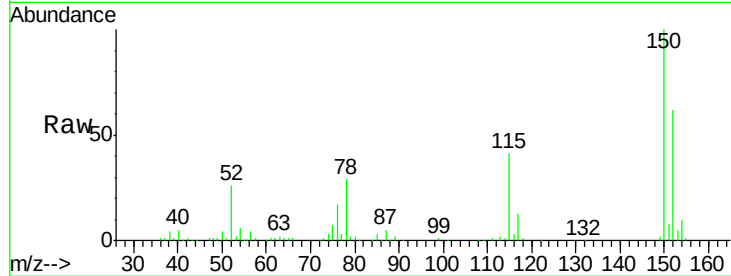


#1

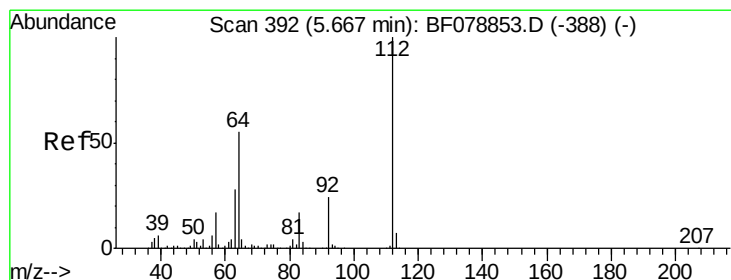
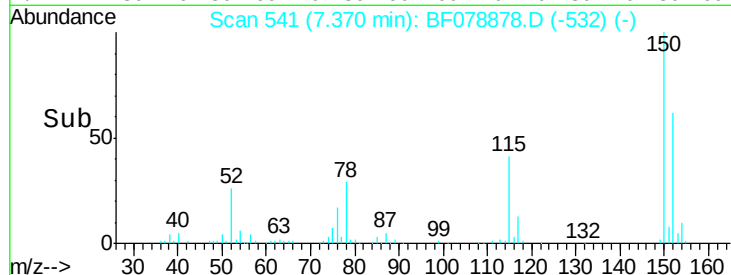
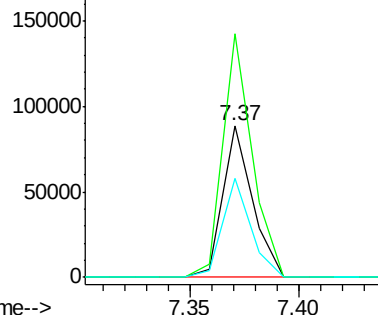
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078878.D
Acq: 1 May 2015 5:53

Instrument :
BNA_F
ClientSampleId :
TEC-04

Tot Ion:152 Resp: 83708
Ion Ratio Lower Upper
152 100
150 160.8 122.0 183.0
115 65.7 46.3 69.5



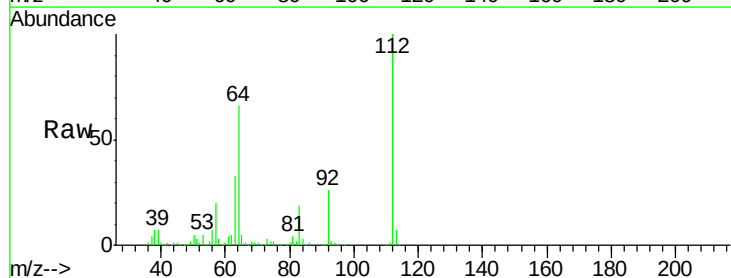
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



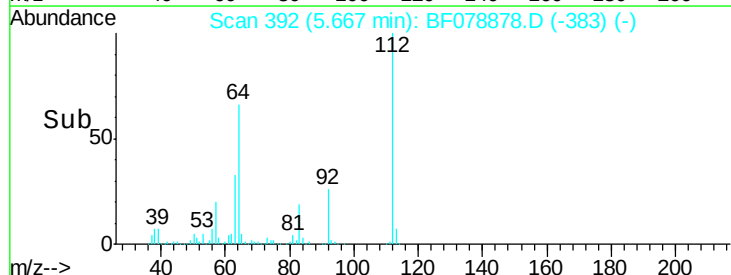
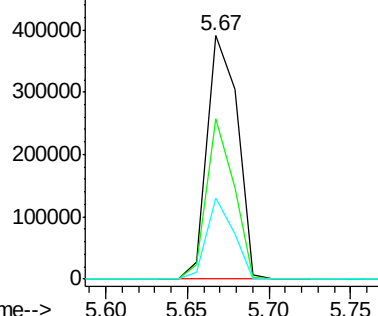
#5

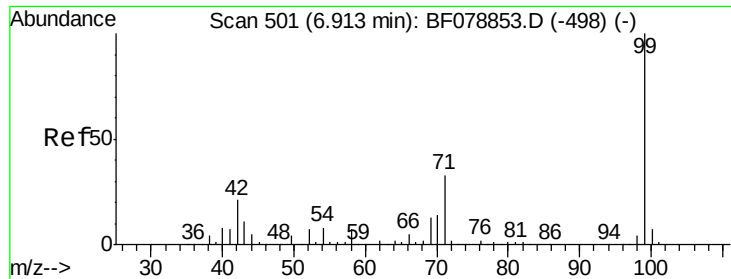
2-Fluorophenol
Concen: 103.27 ng
RT: 5.67 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078878.D
Acq: 1 May 2015 5:53

Tgt Ion:112 Resp: 502207
Ion Ratio Lower Upper
112 100
64 66.0 53.5 80.3
63 33.1 27.5 41.3



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: 107.65 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF078878.D

Acq: 1 May 2015 5:53

Instrument :

BNA_F

ClientSampleId :

TEC-04

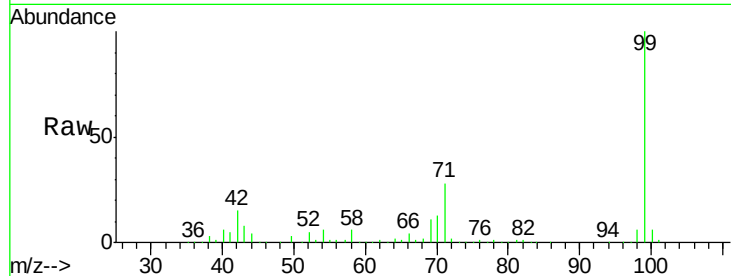
Tot Ion: 99 Resp: 691979

Ion Ratio Lower Upper

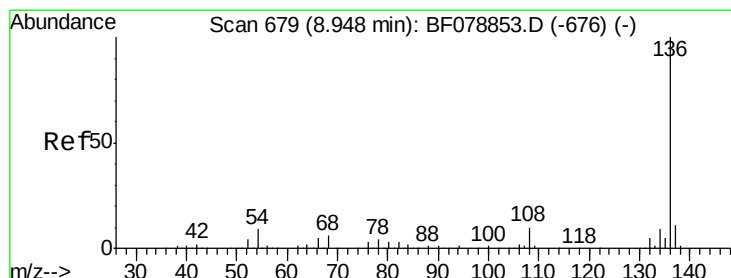
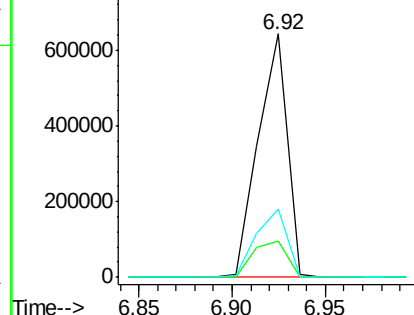
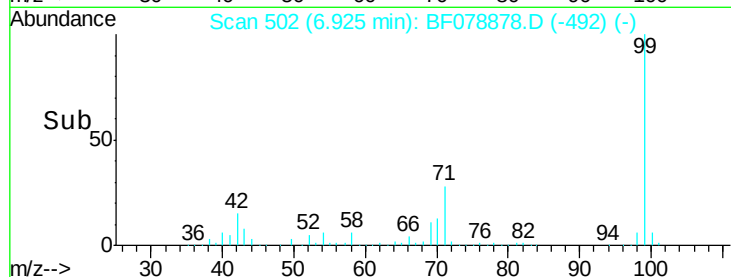
99 100

42 15.0 12.8 19.2

71 28.2 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: 8.95 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078878.D

Acq: 1 May 2015 5:53

Tgt Ion: 136 Resp: 351308

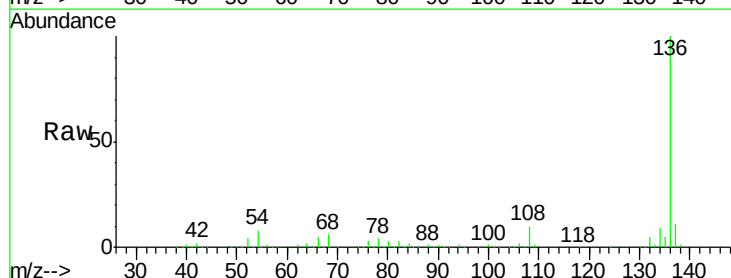
Ion Ratio Lower Upper

136 100

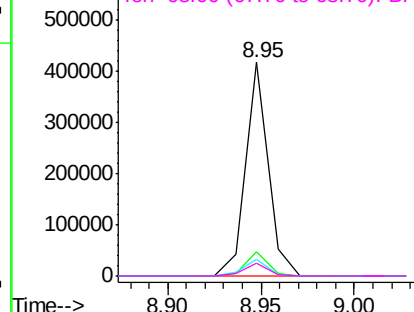
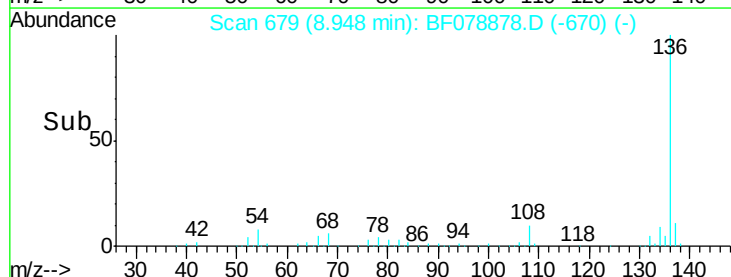
137 11.2 8.7 13.1

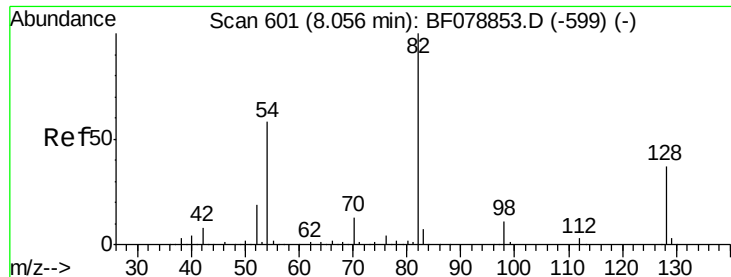
54 7.9 5.8 8.8

68 5.9 4.2 6.4



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

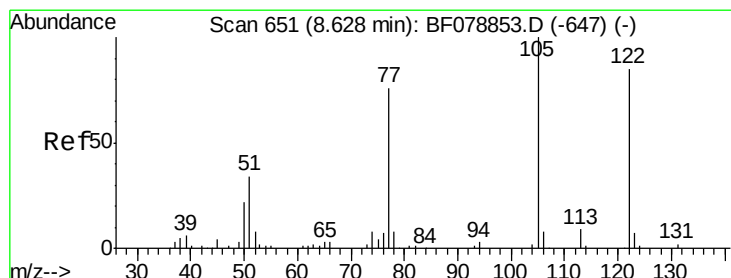
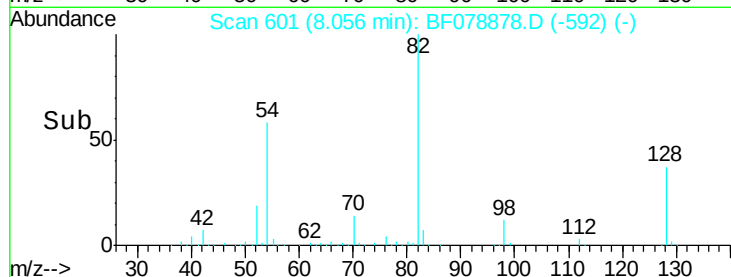
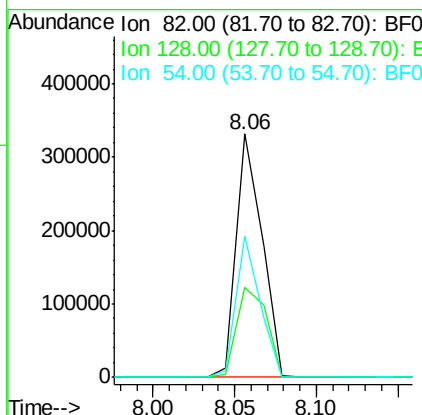
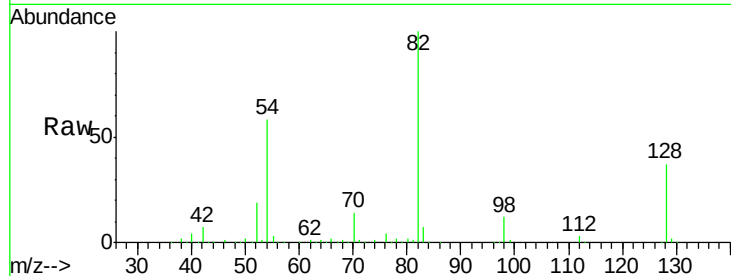




#23
 Nitrobenzene-d5
 Concen: 59.26 ng
 RT: 8.06 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF078878.D
 Acq: 1 May 2015 5:53

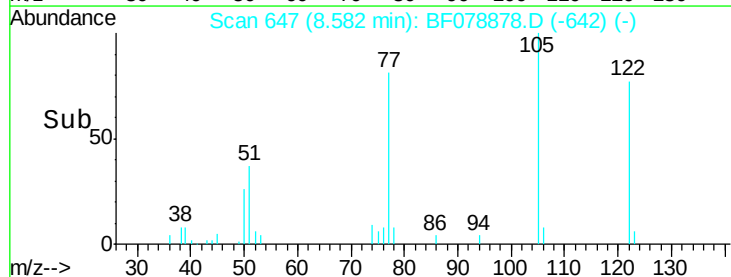
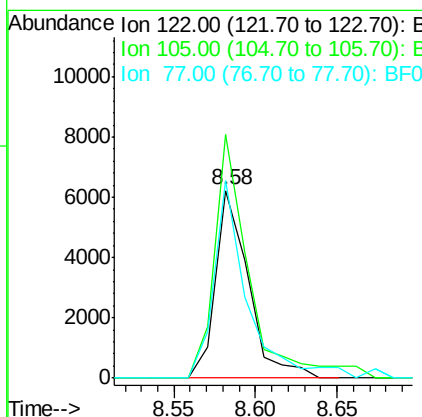
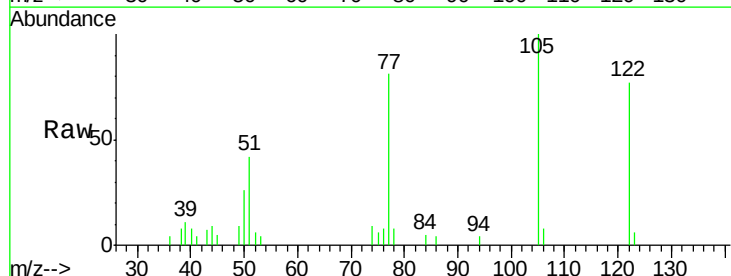
Instrument :
 BNA_F
 ClientSampleId :
 TEC-04

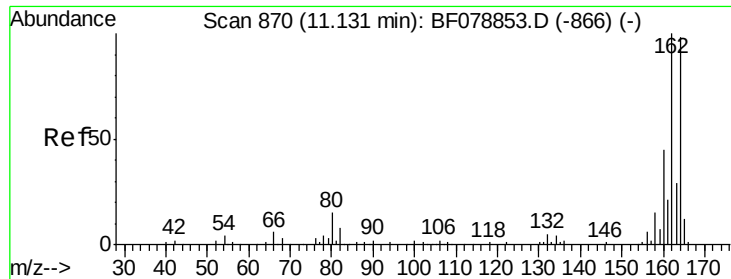
Tot Ion	82	Resp	362258
Ion Ratio	Lower	Upper	
82	100		
128	37.1	30.0	45.0
54	57.9	46.4	69.6



#32
 Benzoic acid
 Concen: 8.71 ng
 RT: 8.58 min Scan# 647
 Delta R.T. -0.05 min
 Lab File: BF078878.D
 Acq: 1 May 2015 5:53

Tgt Ion	122	Resp	8664
Ion Ratio	Lower	Upper	
122	100		
105	129.8	107.1	147.1
77	105.3	73.9	113.9

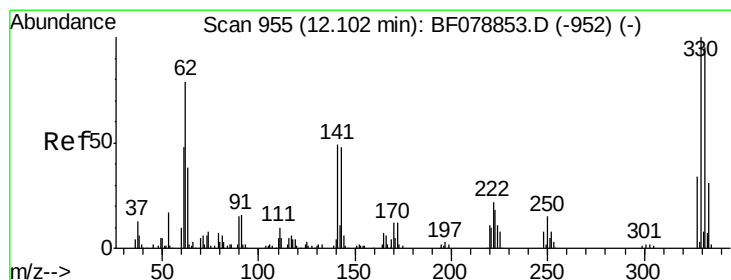
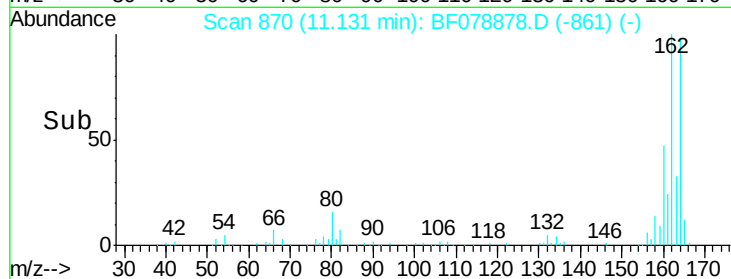
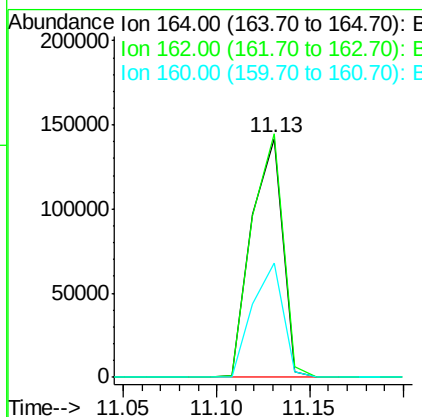
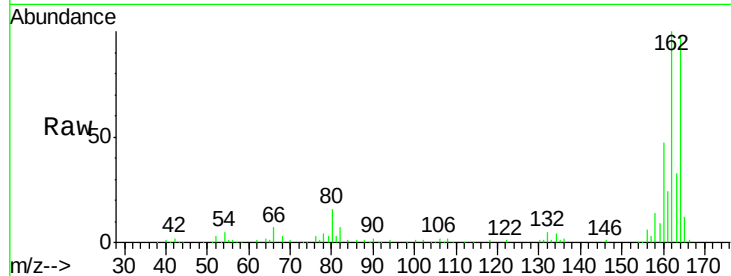




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF078878.D
Acq: 1 May 2015 5:53

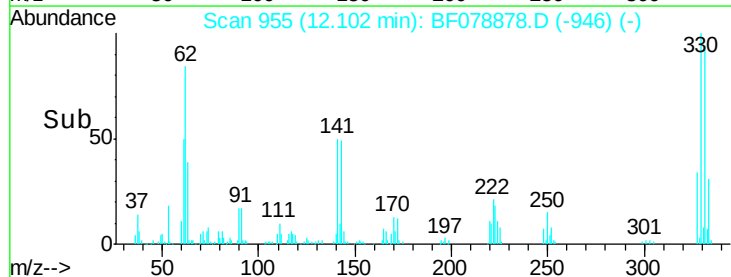
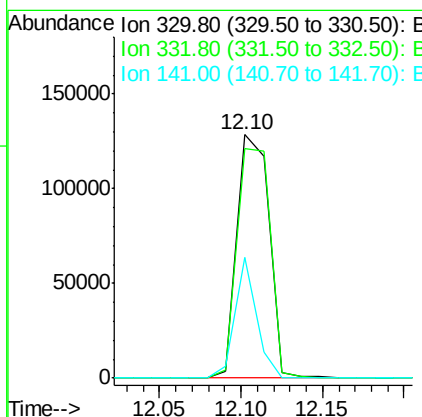
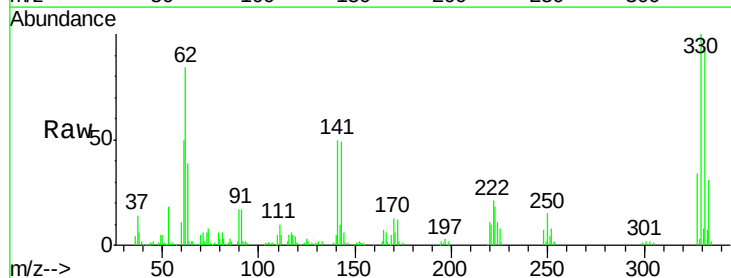
Instrument :
BNA_F
ClientSampleId :
TEC-04

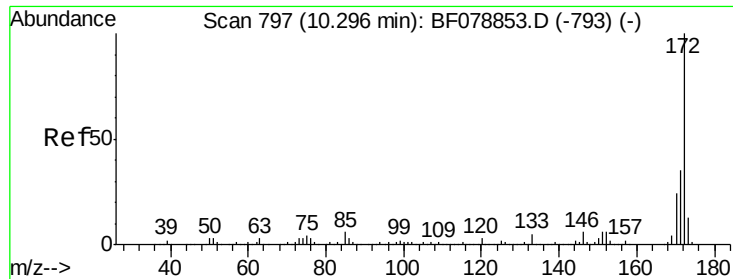
Tot Ion:164 Resp: 166529
Ion Ratio Lower Upper
164 100
162 101.9 82.7 124.1
160 47.6 35.8 53.8



#41
2,4,6-Tribromophenol
Concen: 96.72 ng
RT: 12.10 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF078878.D
Acq: 1 May 2015 5:53

Tgt Ion:330 Resp: 174253
Ion Ratio Lower Upper
330 100
332 98.1 0.0 0.0#
141 33.7 0.0 0.0#

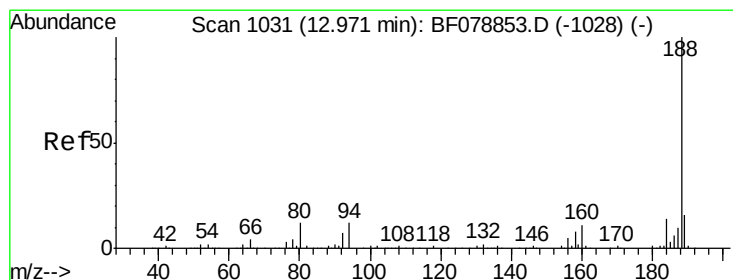
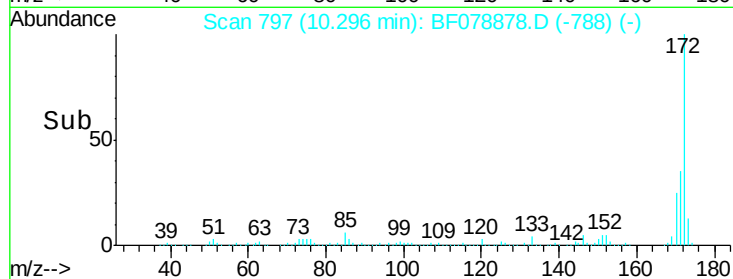
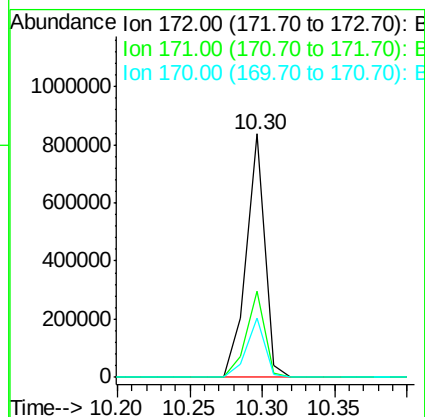
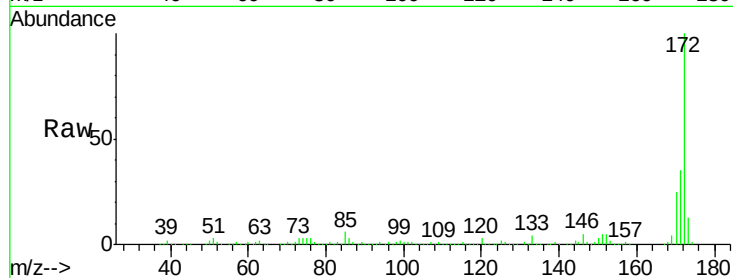




#44
 2-Fluorobiphenyl
 Concen: 62.30 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078878.D
 Acq: 1 May 2015 5:53

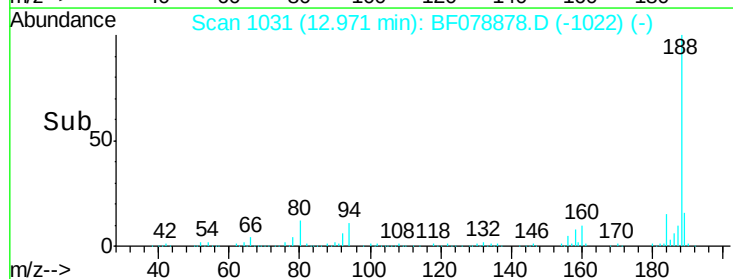
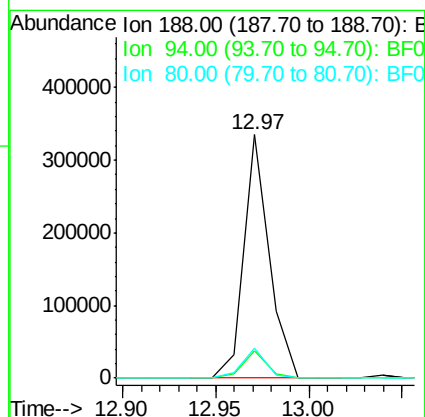
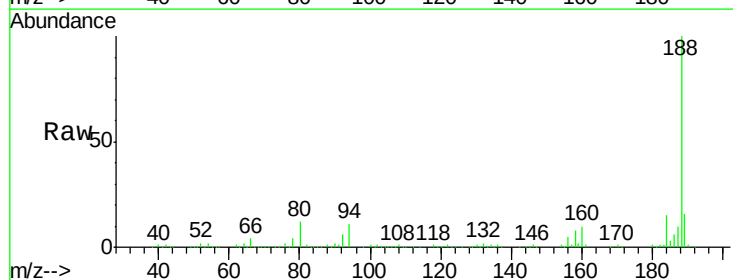
Instrument :
 BNA_F
 ClientSampleId :
 TEC-04

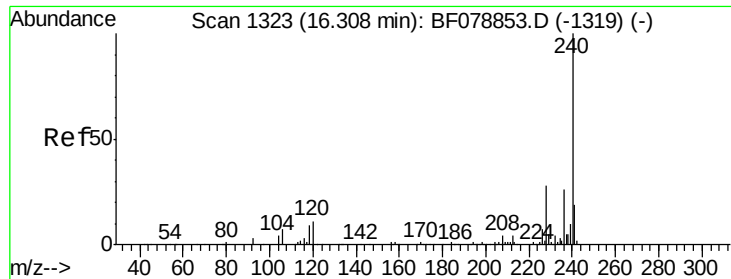
Tot Ion:172 Resp: 744610
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.9 41.9
 170 24.5 19.4 29.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.97 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: BF078878.D
 Acq: 1 May 2015 5:53

Tgt Ion:188 Resp: 316784
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.2 12.2
 80 12.2 8.9 13.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF078878.D

Acq: 1 May 2015 5:53

Instrument :

BNA_F

ClientSampleId :

TEC-04

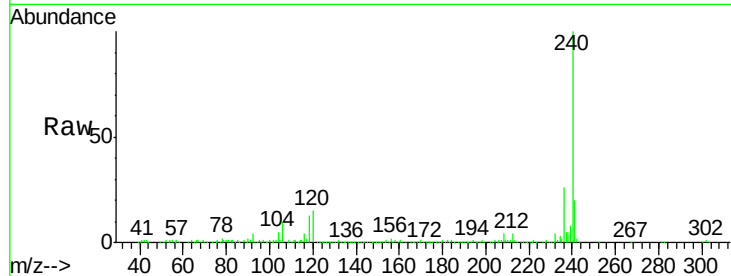
Tot Ion:240 Resp: 324980

Ion Ratio Lower Upper

240 100

120 14.7 9.7 14.5#

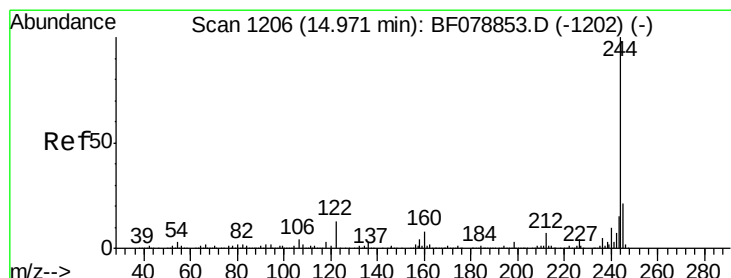
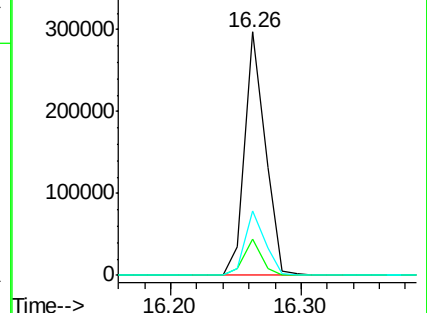
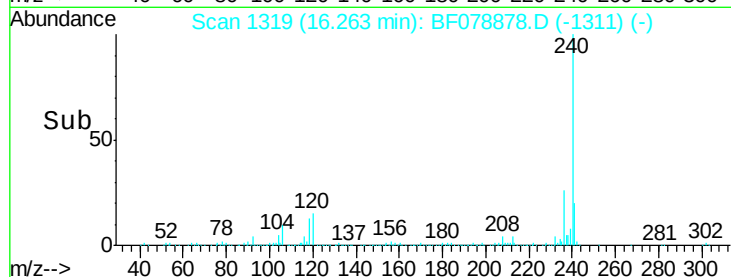
236 26.3 20.2 30.4



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: 60.78 ng

RT: 14.97 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF078878.D

Acq: 1 May 2015 5:53

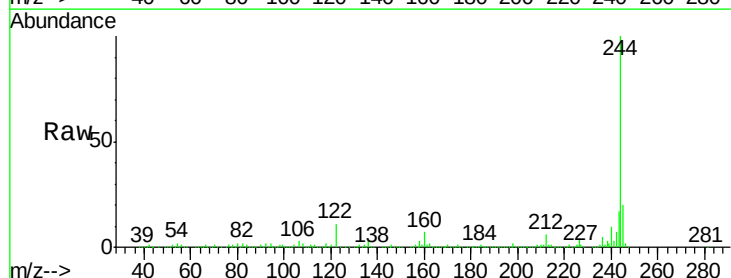
Tgt Ion:244 Resp: 825022

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

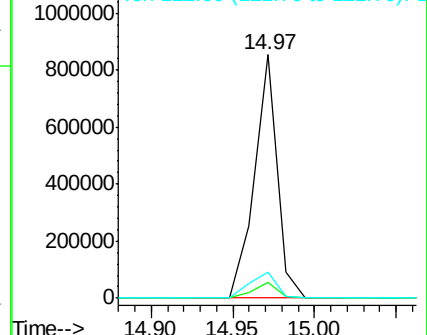
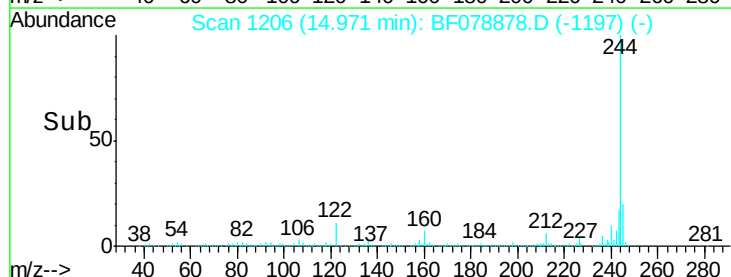
122 10.6 10.3 15.5

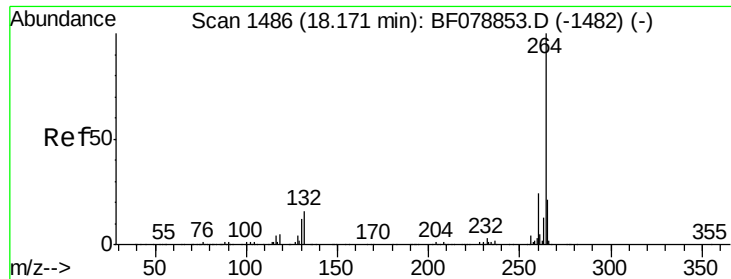


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

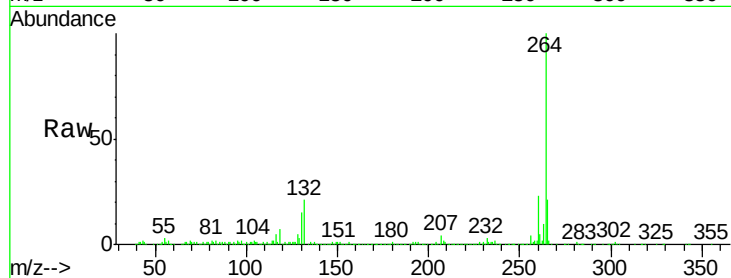




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.99 min Scan# 1470
Delta R.T. -0.05 min
Lab File: BF078878.D
Acq: 1 May 2015 5:53

Instrument :
BNA_F
ClientSampleId :
TEC-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.3	18.3	27.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

