

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079074.D
 Acq On : 9 May 2015 10:26
 Operator : TP/IZ
 Sample : G2151-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-17-3.5

Quant Time: May 11 01:01:28 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 00:37:37 2015
 Response via : Initial Calibration

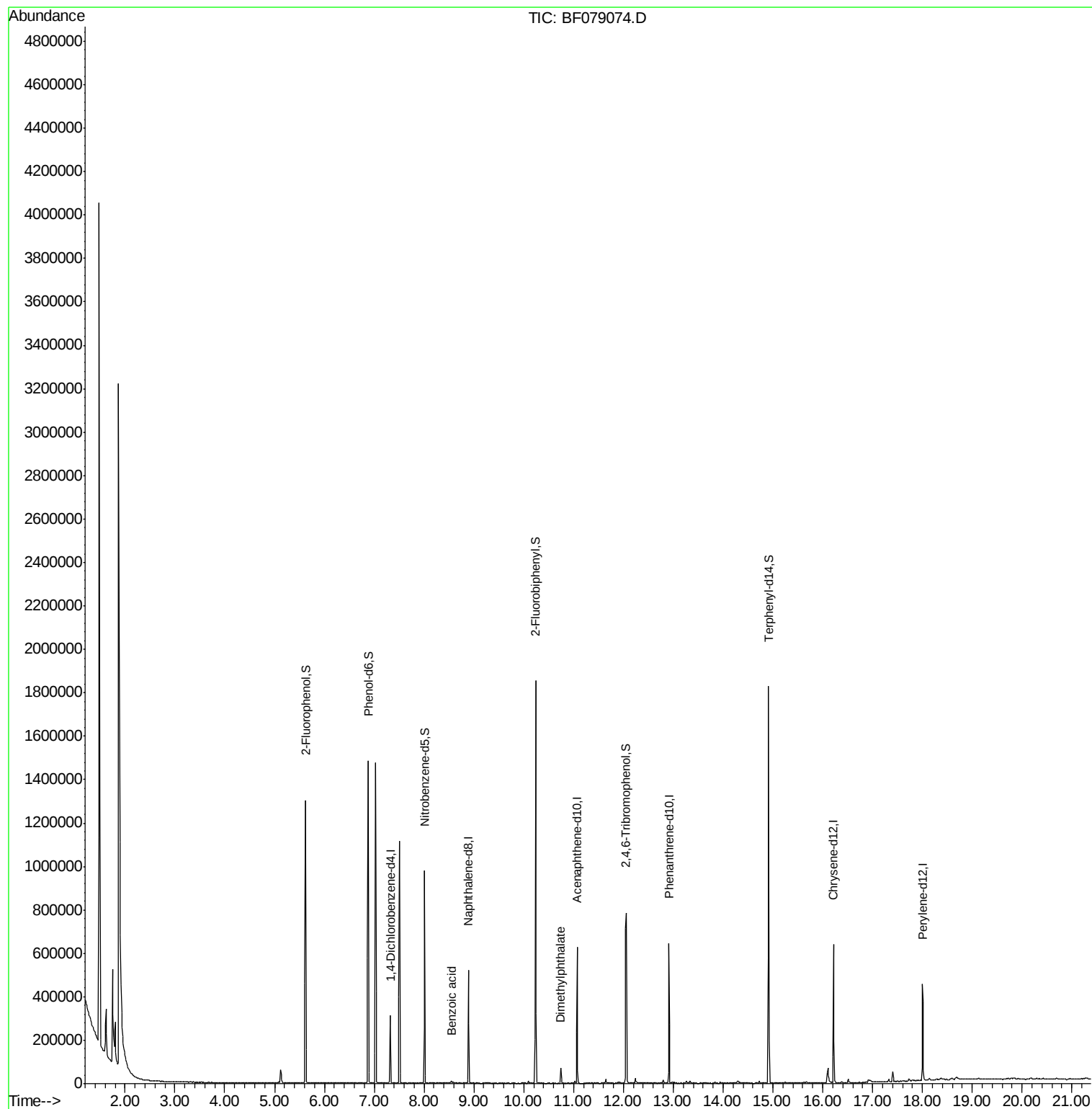
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	66887	20.00	ng	0.00
21) Naphthalene-d8	8.89	136	278907	20.00	ng	-0.01
38) Acenaphthene-d10	11.07	164	136751	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	268090	20.00	ng	0.00
75) Chrysene-d12	16.22	240	249100	20.00	ng	0.00
86) Perylene-d12	18.00	264	239869	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	394702	101.58	ng	0.00
7) Phenol-d6	6.88	99	550071	107.10	ng	0.00
23) Nitrobenzene-d5	8.01	82	299870	61.79	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	144707	97.82	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	561234	57.18	ng	0.00
78) Terphenyl-d14	14.91	244	634757	61.01	ng	0.00
Target Compounds						
32) Benzoic acid	8.55	122	4641	7.93	ng	92
49) Dimethylphthalate	10.74	163	29392	2.93	ng	98

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

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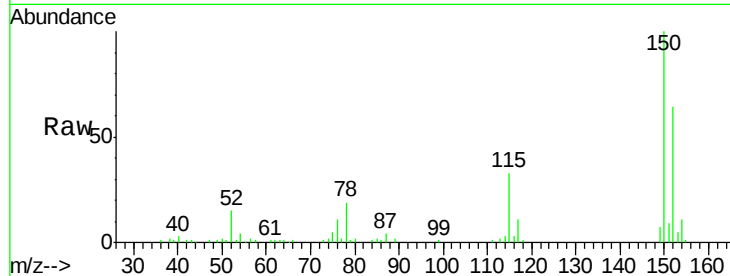


#1

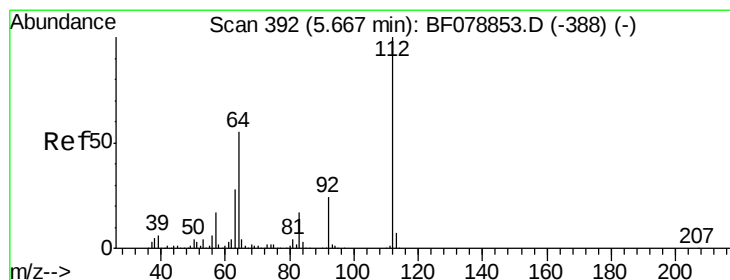
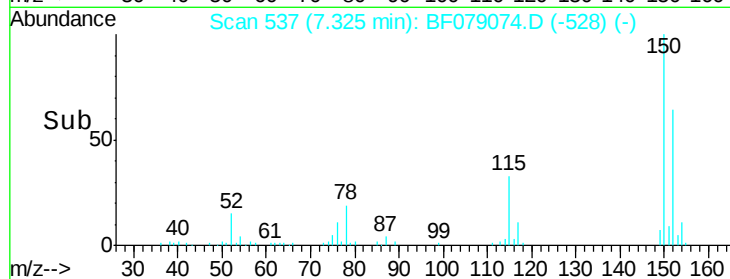
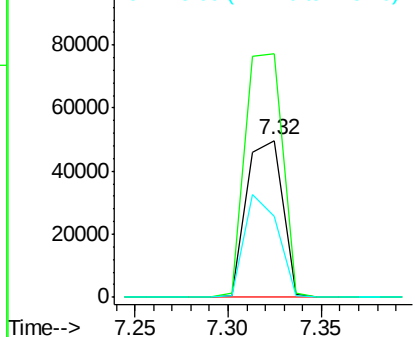
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079074.D
Acq: 9 May 2015 10:26

Instrument :
BNA_F
ClientSampleId :
TU012-SB-17-3.5

Tot Ion:152 Resp: 66887
Ion Ratio Lower Upper
152 100
150 155.3 122.0 183.0
115 51.9 46.3 69.5



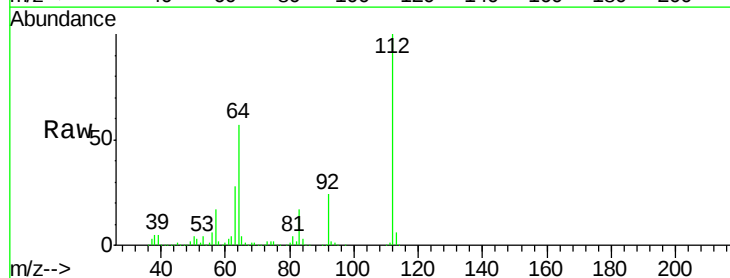
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



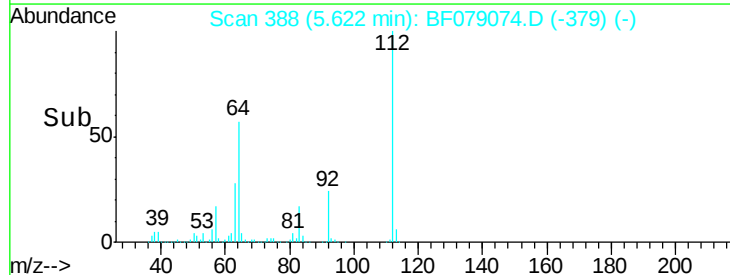
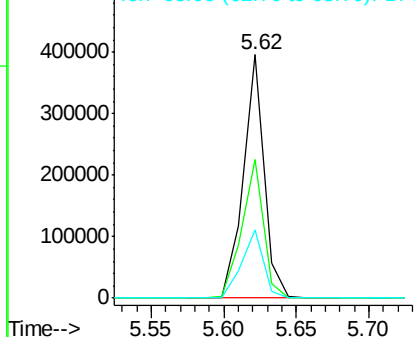
#5

2-Fluorophenol
Concen: 101.58 ng
RT: 5.62 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF079074.D
Acq: 9 May 2015 10:26

Tgt Ion:112 Resp: 394702
Ion Ratio Lower Upper
112 100
64 56.7 53.5 80.3
63 28.2 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: 107.10 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079074.D

Acq: 9 May 2015 10:26

Instrument :

BNA_F

ClientSampleId :

TU012-SB-17-3.5

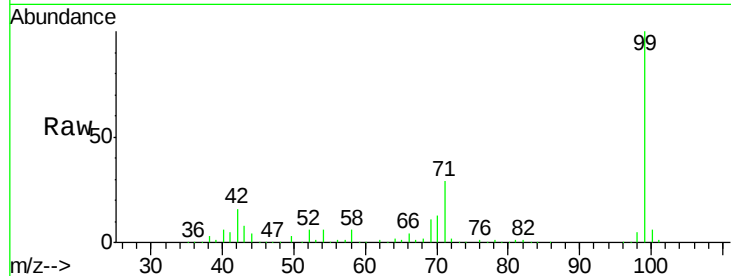
Tot Ion: 99 Resp: 550071

Ion Ratio Lower Upper

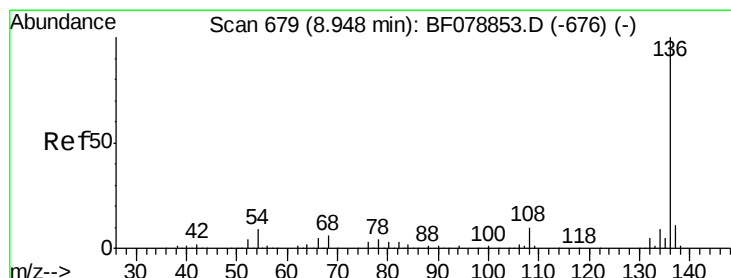
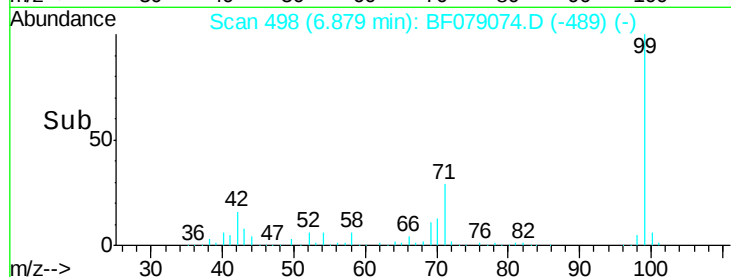
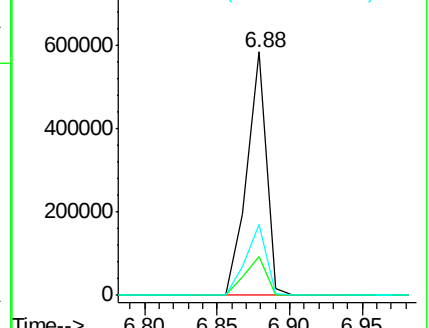
99 100

42 16.0 12.8 19.2

71 29.1 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: 8.89 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF079074.D

Acq: 9 May 2015 10:26

Tgt Ion: 136 Resp: 278907

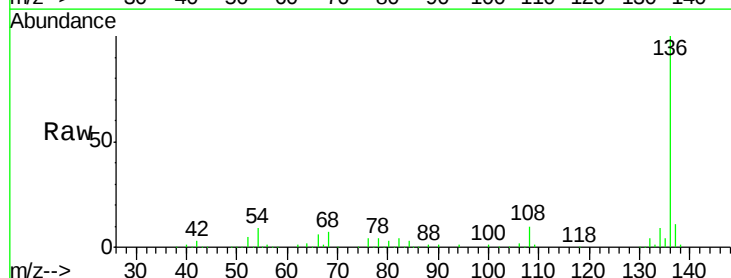
Ion Ratio Lower Upper

136 100

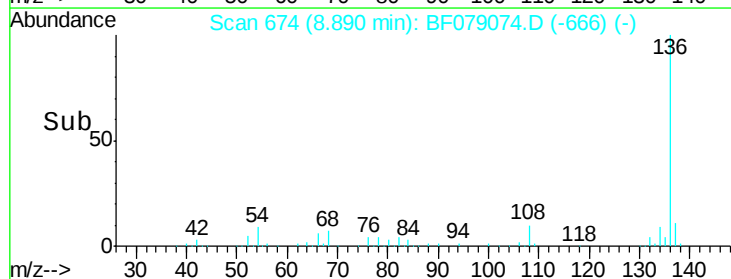
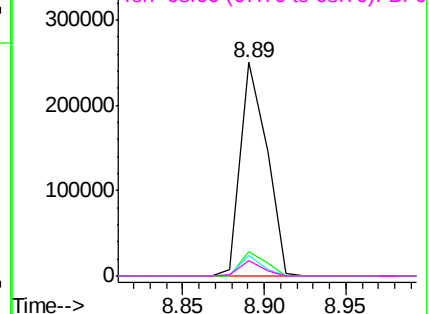
137 11.3 8.7 13.1

54 9.5 5.8 8.8#

68 7.3 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

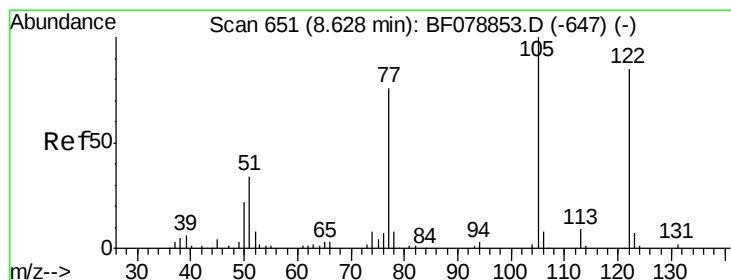
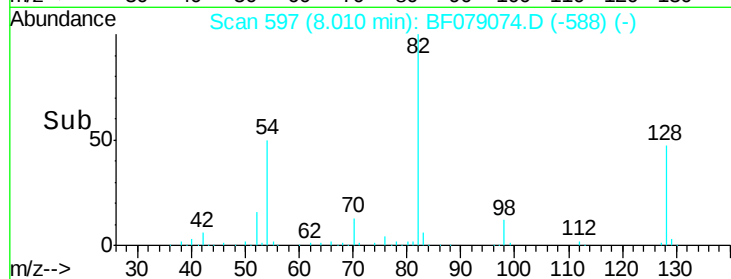
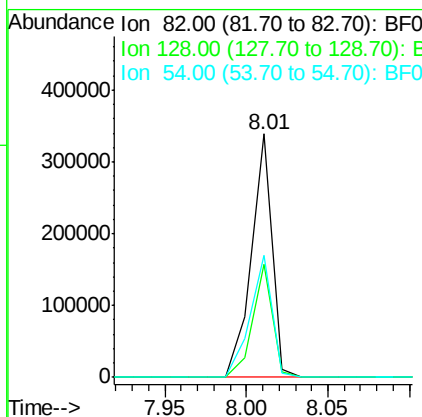
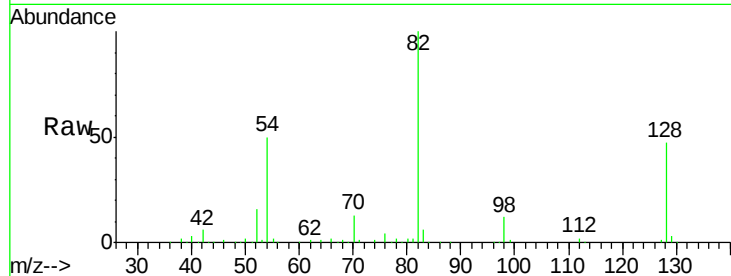




#23
 Nitrobenzene-d5
 Concen: 61.79 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079074.D
 Acq: 9 May 2015 10:26

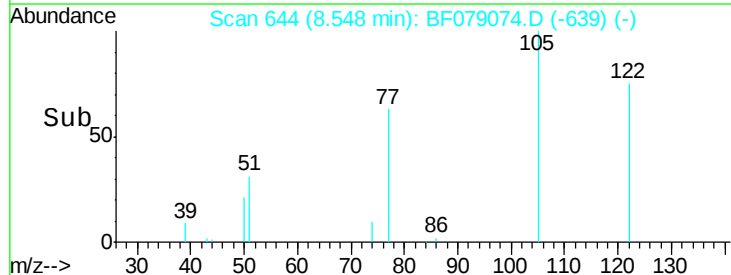
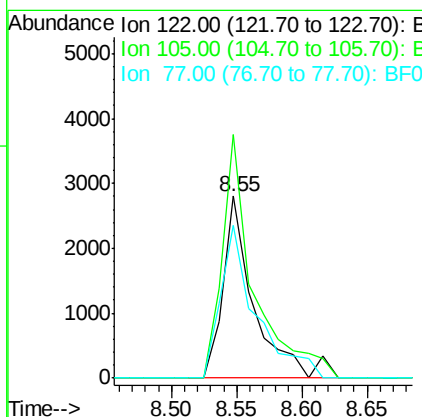
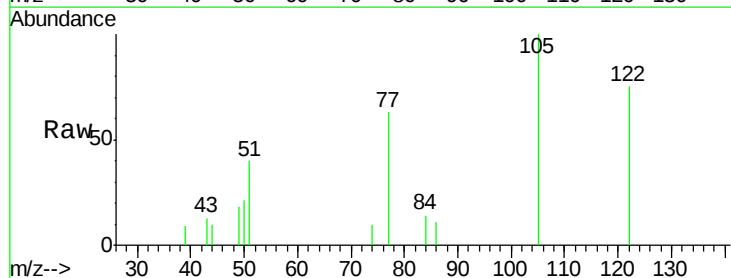
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-17-3.5

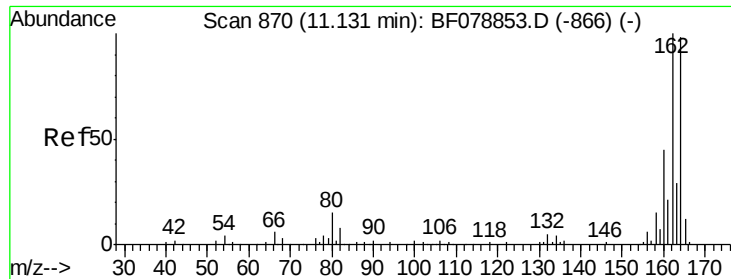
Tot Ion: 82 Resp: 299870
 Ion Ratio Lower Upper
 82 100
 128 46.6 30.0 45.0#
 54 50.0 46.4 69.6



#32
 Benzoic acid
 Concen: 7.93 ng
 RT: 8.55 min Scan# 644
 Delta R.T. -0.05 min
 Lab File: BF079074.D
 Acq: 9 May 2015 10:26

Tgt Ion:122 Resp: 4641
 Ion Ratio Lower Upper
 122 100
 105 133.8 107.1 147.1
 77 84.0 73.9 113.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF079074.D

Acq: 9 May 2015 10:26

Instrument :

BNA_F

ClientSampleId :

TU012-SB-17-3.5

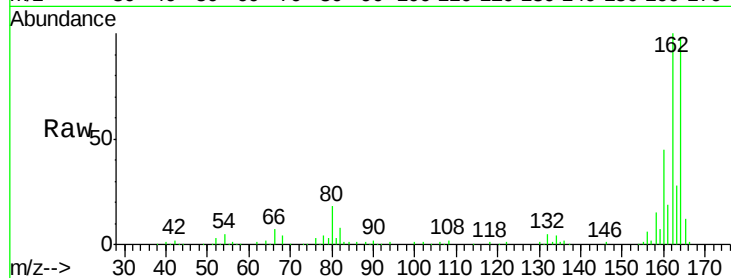
Tot Ion:164 Resp: 136751

Ion Ratio Lower Upper

164 100

162 102.0 82.7 124.1

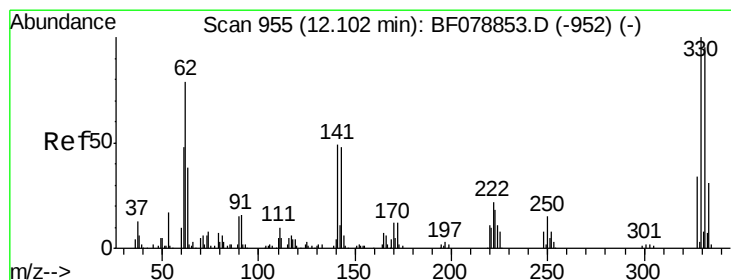
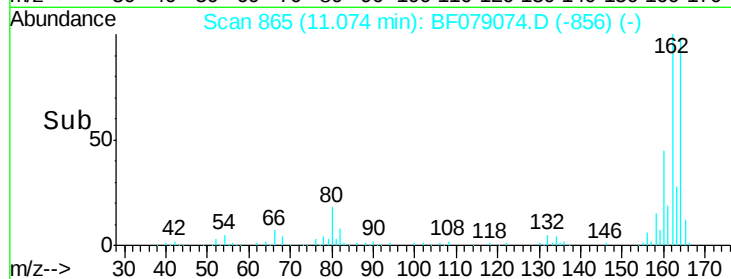
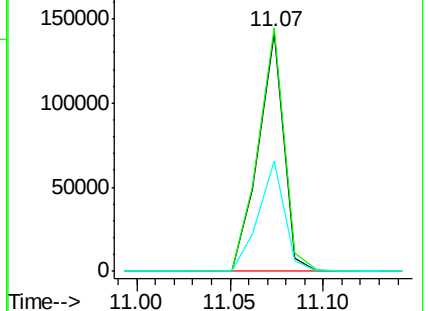
160 46.4 35.8 53.8



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: 97.82 ng

RT: 12.06 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF079074.D

Acq: 9 May 2015 10:26

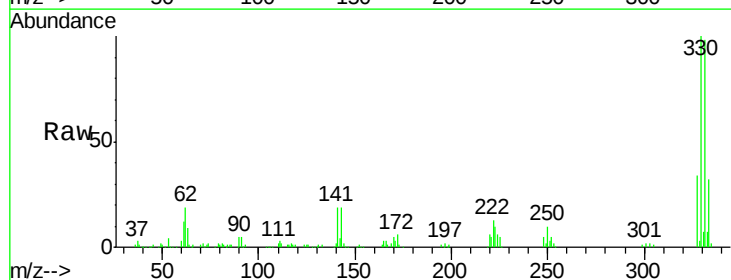
Tgt Ion:330 Resp: 144707

Ion Ratio Lower Upper

330 100

332 97.8 0.0 0.0#

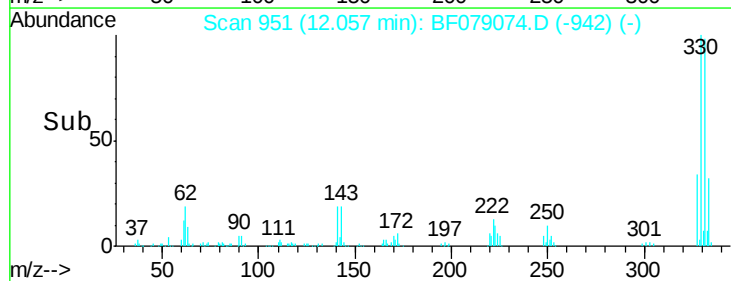
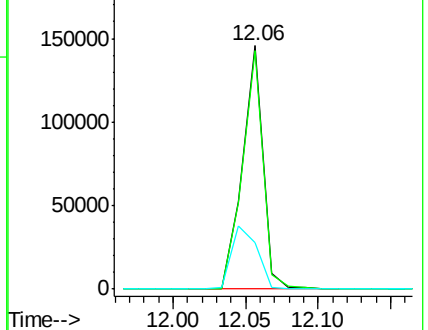
141 32.5 0.0 0.0#



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

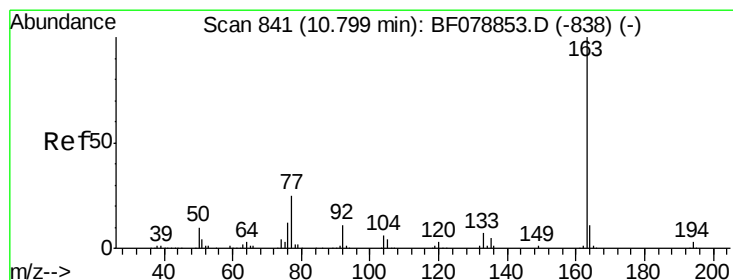
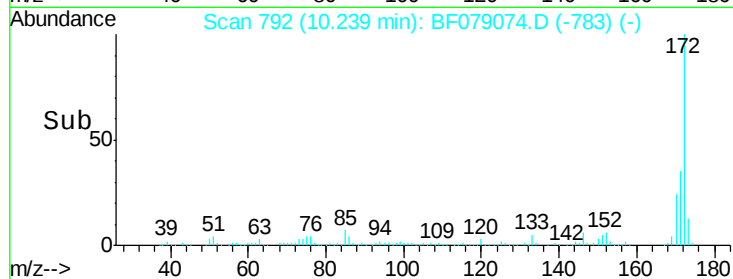
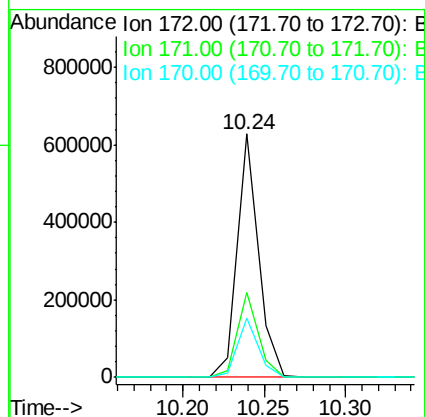
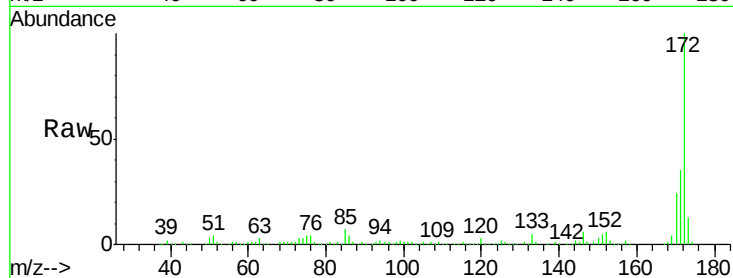




#44
2-Fluorobiphenyl
Concen: 57.18 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF079074.D
Acq: 9 May 2015 10:26

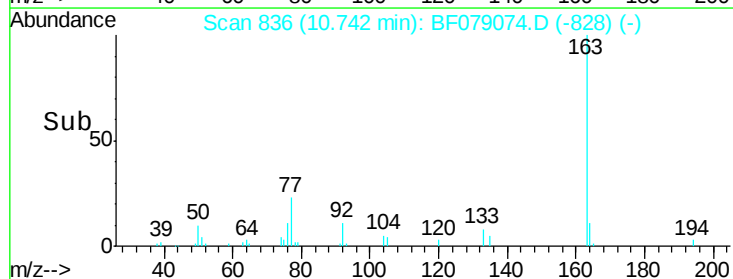
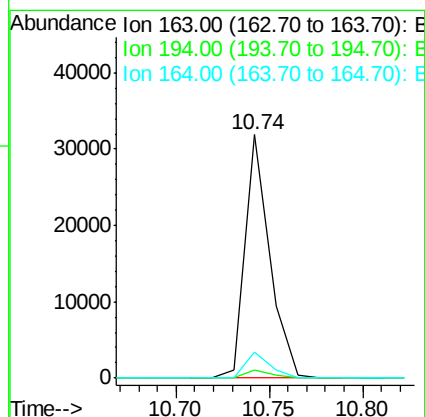
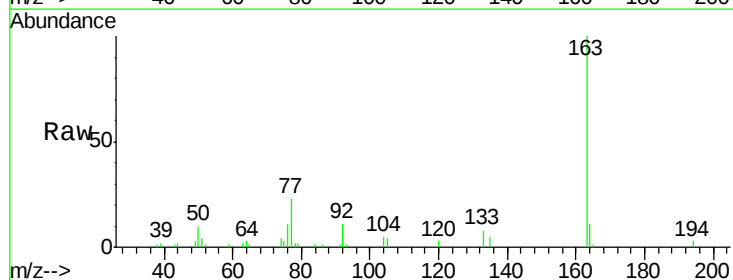
Instrument :
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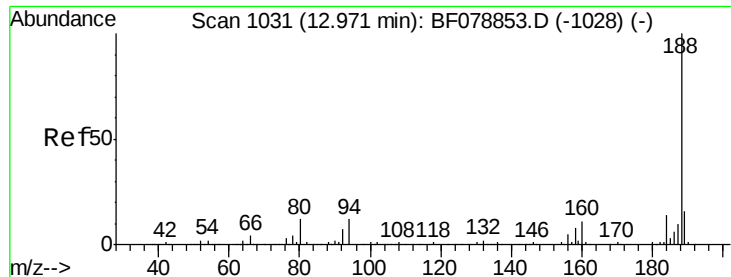
Tot Ion:172 Resp: 561234
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 24.1 19.4 29.0



#49
Dimethylphthalate
Concen: 2.93 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF079074.D
Acq: 9 May 2015 10:26

Tgt Ion:163 Resp: 29392
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.9 8.1 12.1

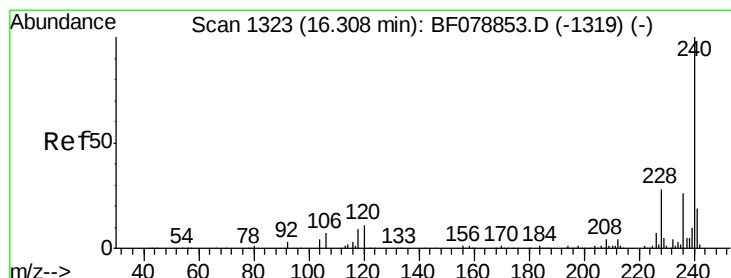
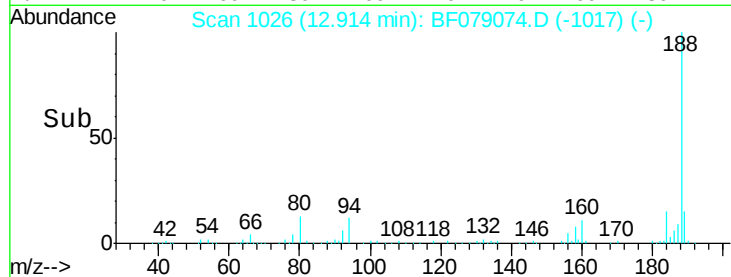
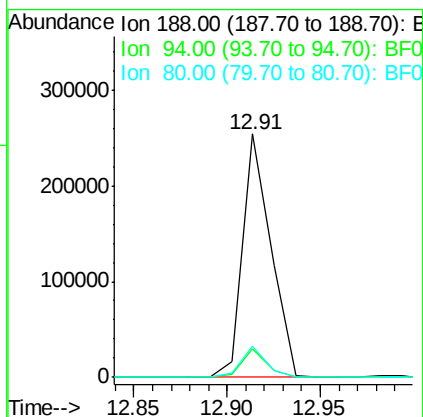
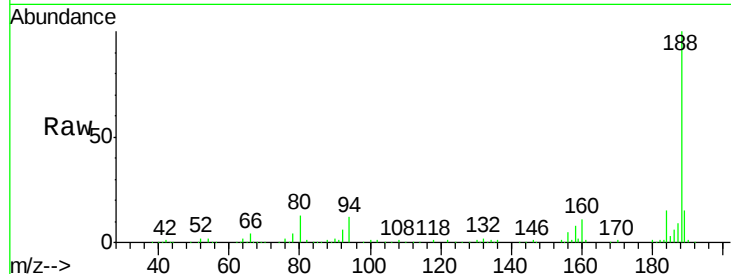




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.91 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF079074.D
Acq: 9 May 2015 10:26

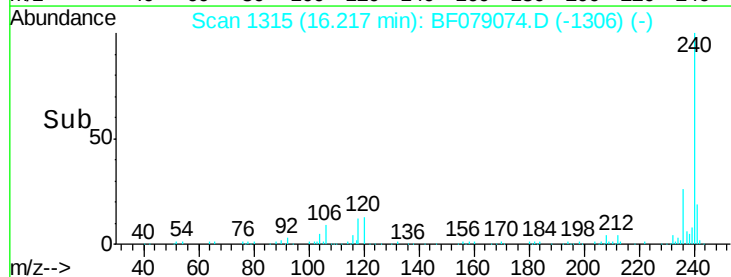
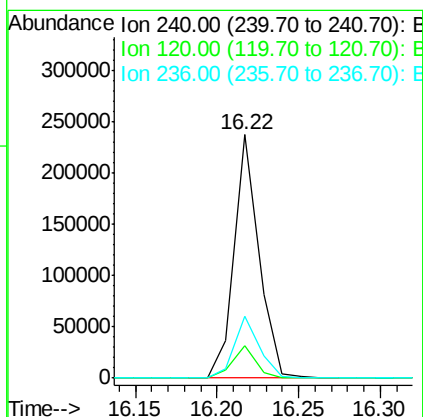
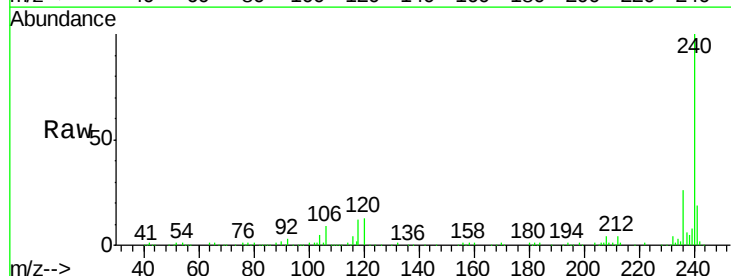
Instrument :
BNA_F
ClientSampleId :
TU012-SB-17-3.5

Tot Ion:188 Resp: 268090
Ion Ratio Lower Upper
188 100
94 12.0 8.2 12.2
80 12.6 8.9 13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.22 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BF079074.D
Acq: 9 May 2015 10:26

Tgt Ion:240 Resp: 249100
Ion Ratio Lower Upper
240 100
120 13.1 9.7 14.5
236 25.6 20.2 30.4

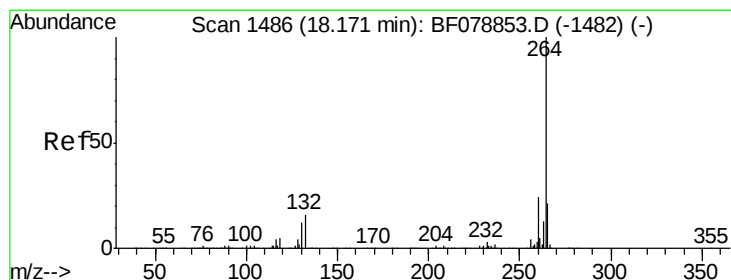
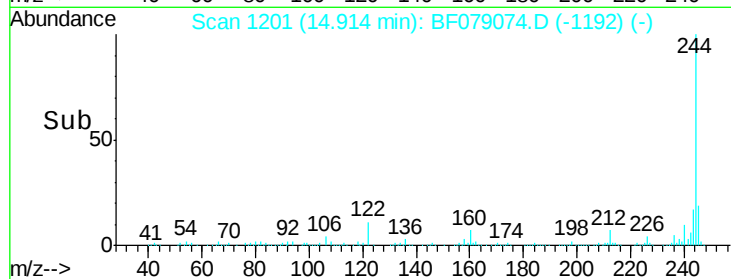
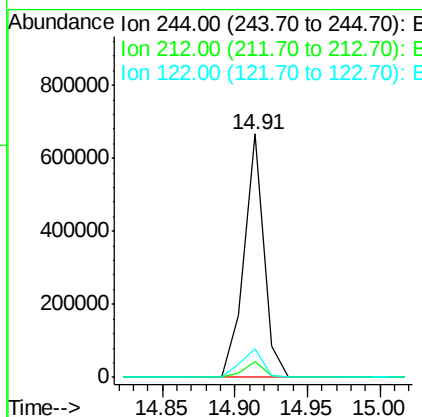
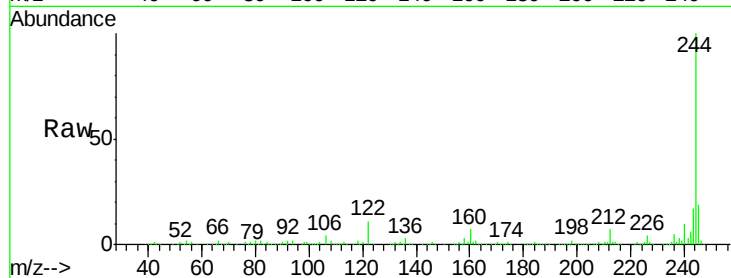




#78
 Terphenyl-d14
 Concen: 61.01 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079074.D
 Acq: 9 May 2015 10:26

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-17-3.5

Tot Ion:244 Resp: 634757
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 11.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.00 min Scan# 1471
 Delta R.T. 0.07 min
 Lab File: BF079074.D
 Acq: 9 May 2015 10:26

Tgt Ion:264 Resp: 239869
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 22.1 18.3 27.5

