

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022515\
 Data File : BF077442.D
 Acq On : 25 Feb 2015 19:18
 Operator : IZ / TP
 Sample : G1358-02
 Misc : S/DOD
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-12-2.5

Quant Time: Feb 26 03:39:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 26 03:18:41 2015
 Response via : Initial Calibration

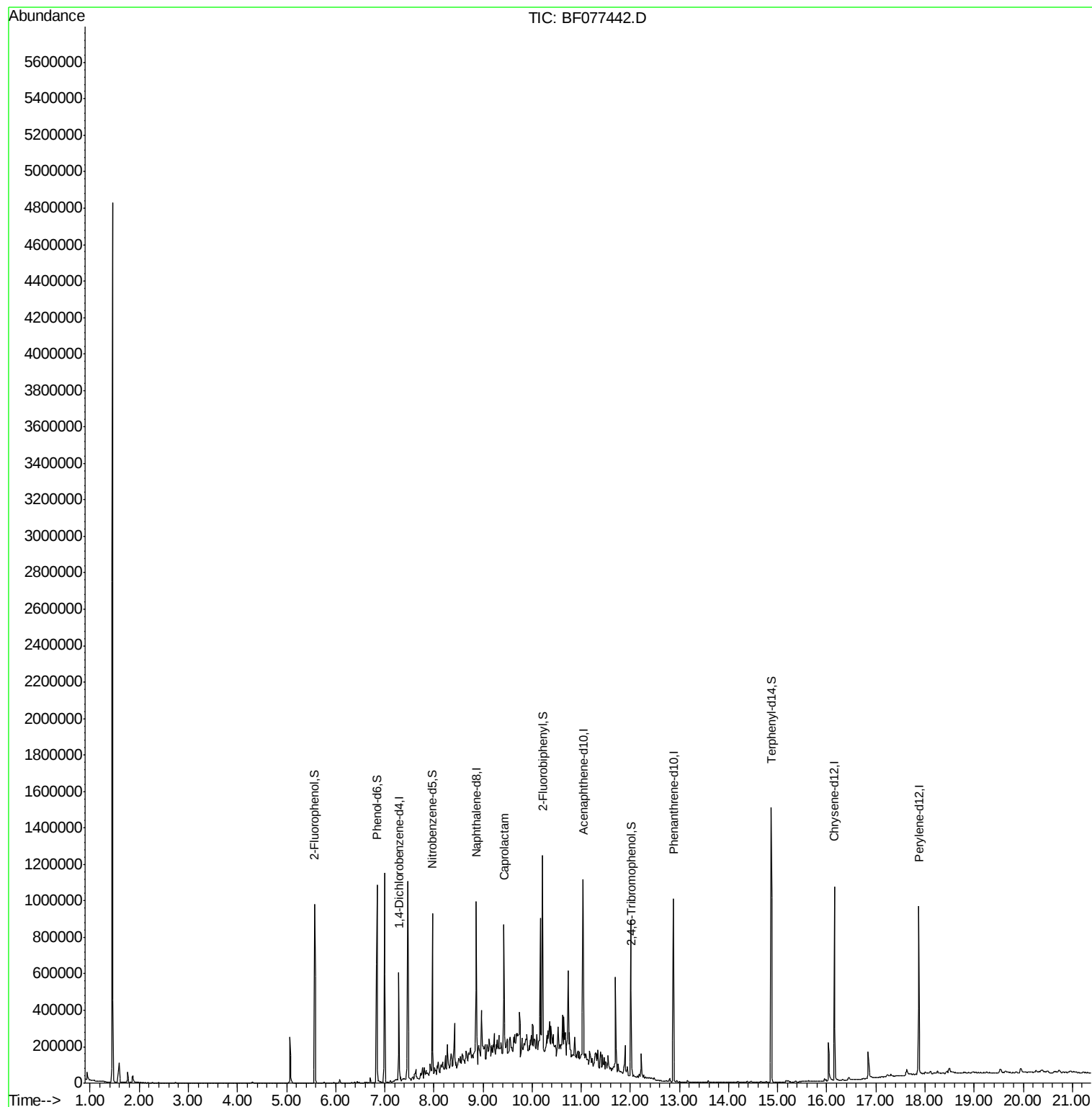
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	93194	20.00	ng	0.00
21) Naphthalene-d8	8.86	136	361190	20.00	ng	0.00
38) Acenaphthene-d10	11.04	164	184683	20.00	ng	0.00
63) Phenanthrene-d10	12.88	188	372379	20.00	ng	-0.01
75) Chrysene-d12	16.16	240	411147	20.00	ng	-0.02
86) Perylene-d12	17.87	264	399905	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	340154	60.93	ng	-0.01
7) Phenol-d6	6.84	99	457804	63.78	ng	0.00
23) Nitrobenzene-d5	7.97	82	255986	44.07	ng	-0.01
41) 2,4,6-Tribromophenol	12.02	330	118557	66.67	ng	0.00
44) 2-Fluorobiphenyl	10.21	172	519037	43.82	ng	0.00
78) Terphenyl-d14	14.87	244	662022	37.64	ng	-0.01
Target Compounds						
35) Caprolactam	9.42	113	16699	10.40	ng	Qvalue # 58

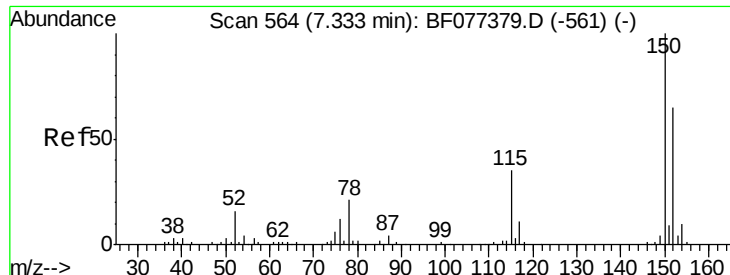
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF077442.D

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Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5

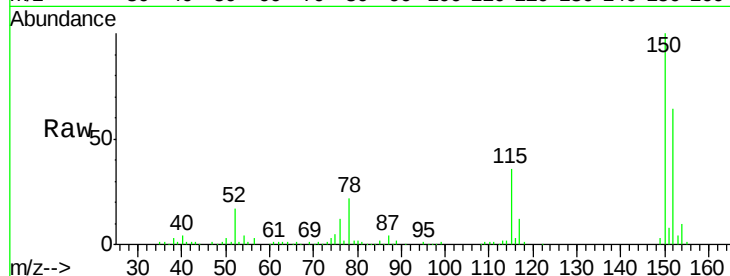
Tgt Ion:152 Resp: 93194

Ion Ratio Lower Upper

152 100

150 155.2 124.0 186.0

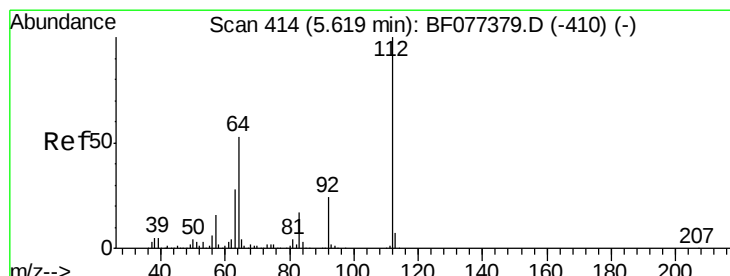
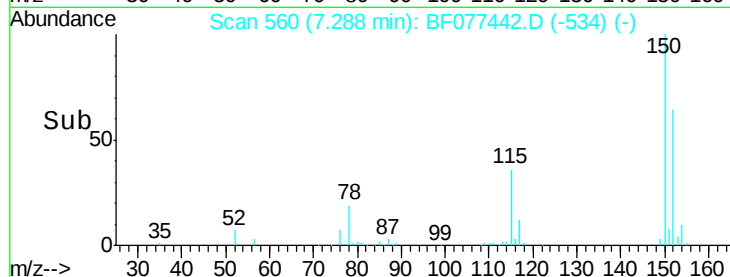
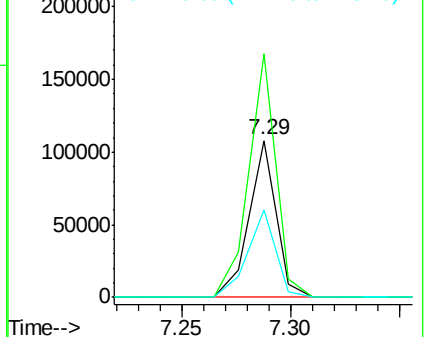
115 55.8 49.4 74.2



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: 60.93 ng

RT: 5.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF077442.D

Acq: 25 Feb 2015 19:18

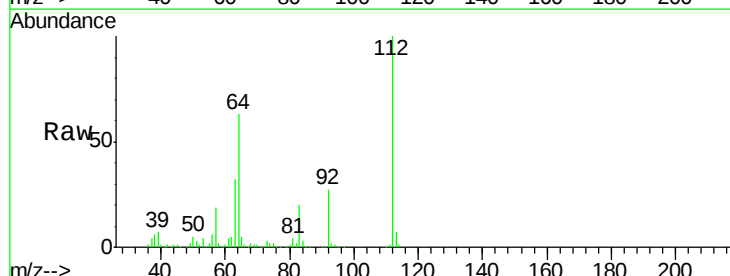
Tgt Ion:112 Resp: 340154

Ion Ratio Lower Upper

112 100

64 62.6 48.5 72.7

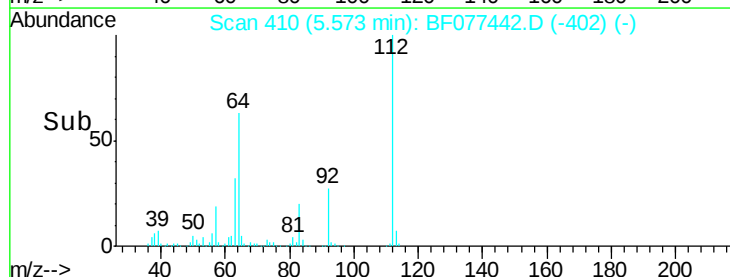
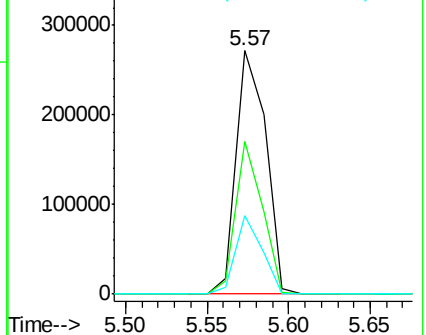
63 32.4 25.0 37.4



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: 63.78 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077442.D

Acq: 25 Feb 2015 19:18

Instrument :

BNA_F

ClientSampleId :

TU012-SB-12-2.5

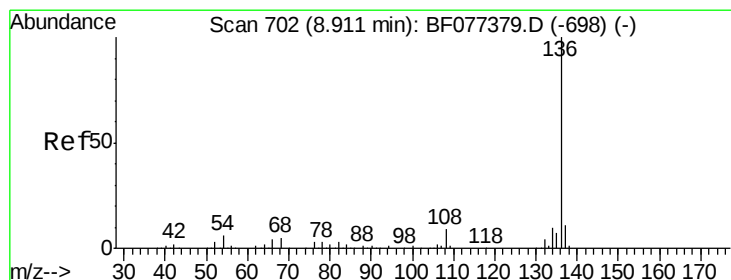
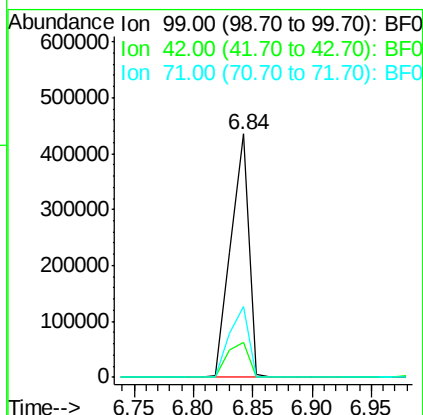
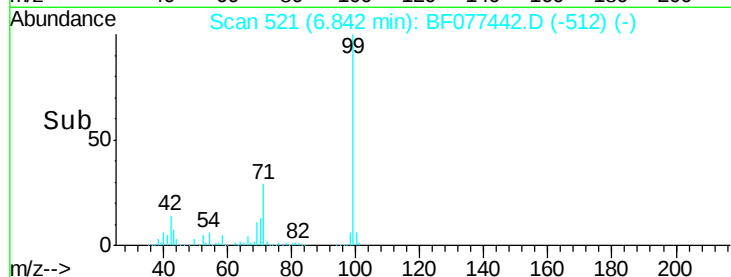
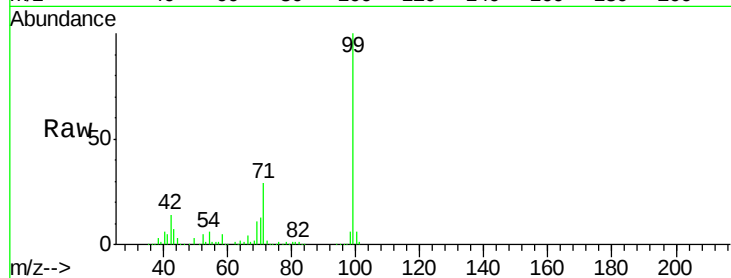
Tgt Ion: 99 Resp: 457804

Ion Ratio Lower Upper

99 100

42 14.5 16.2 24.4#

71 29.0 26.7 40.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.86 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF077442.D

Acq: 25 Feb 2015 19:18

Tgt Ion: 136 Resp: 361190

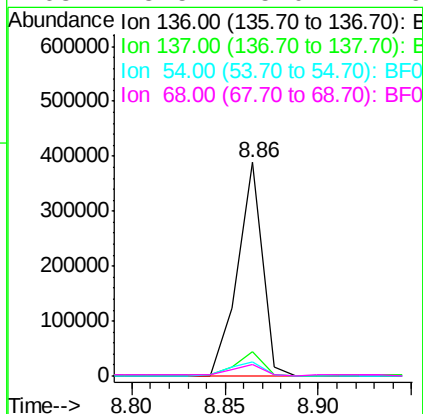
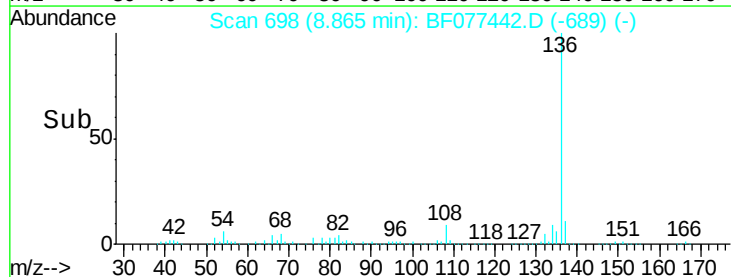
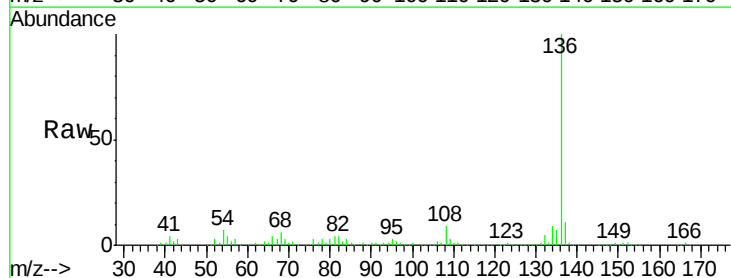
Ion Ratio Lower Upper

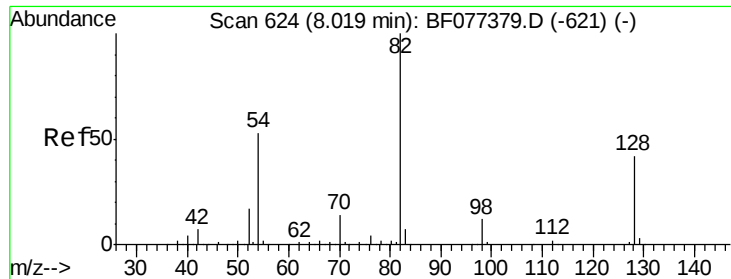
136 100

137 11.2 8.6 13.0

54 6.5 6.2 9.4

68 5.5 5.0 7.6

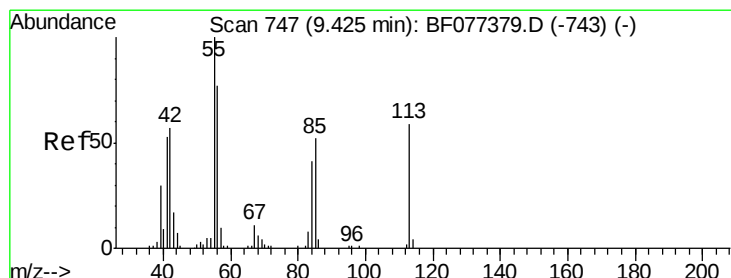
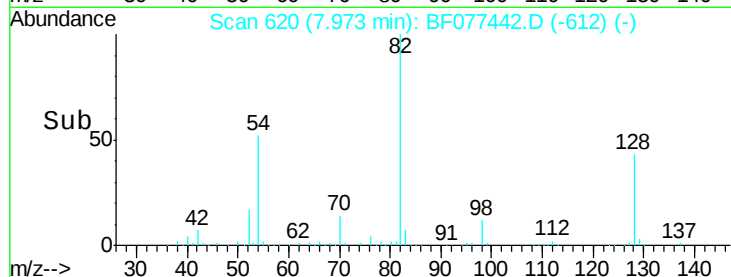
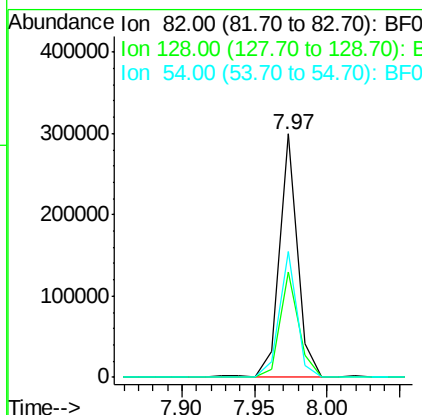
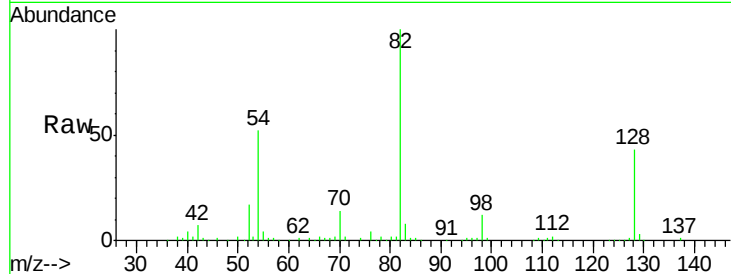




#23
 Nitrobenzene-d5
 Concen: 44.07 ng
 RT: 7.97 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF077442.D
 Acq: 25 Feb 2015 19:18

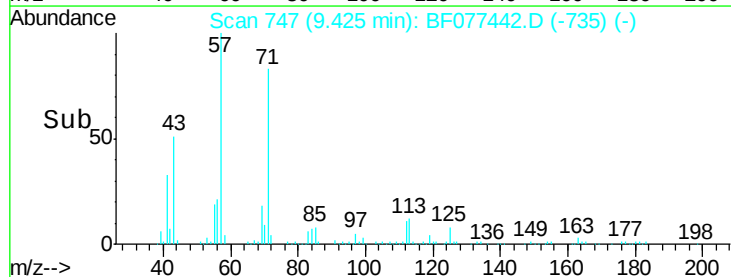
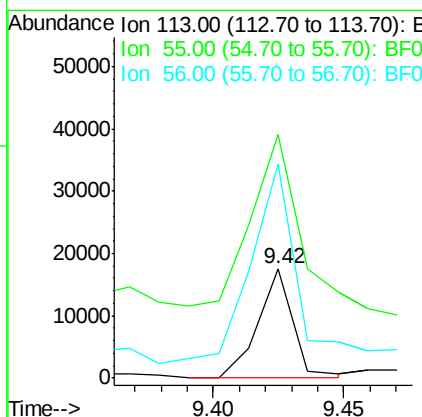
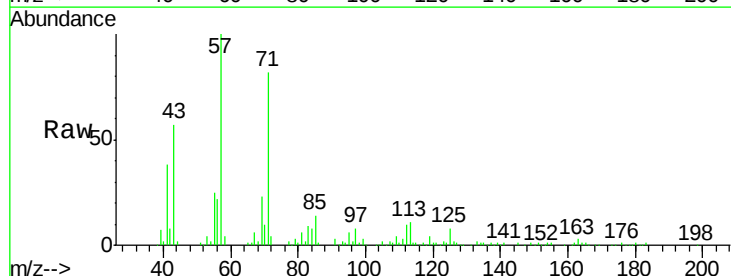
Instrument :
 BNA_F
 ClientSampleId :
 TU012-SB-12-2.5

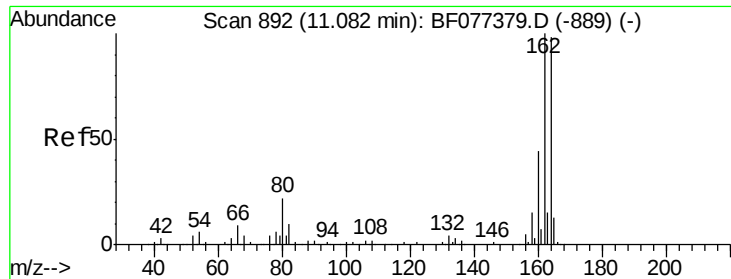
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	43.8	65.8#
54	51.5	36.7	55.1



#35
 Caprolactam
 Concen: 10.40 ng
 RT: 9.42 min Scan# 747
 Delta R.T. 0.03 min
 Lab File: BF077442.D
 Acq: 25 Feb 2015 19:18

Tgt Ion	Ratio	Lower	Upper
113	100		
55	222.6	154.6	194.6#
56	196.2	114.0	154.0#

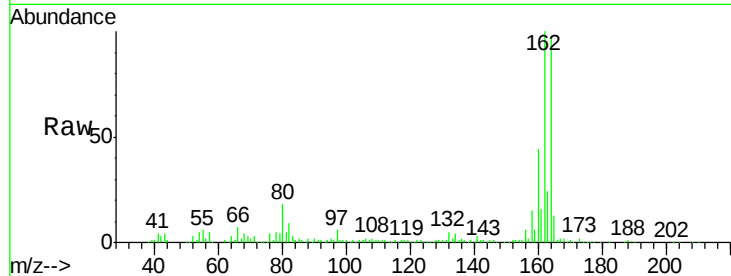




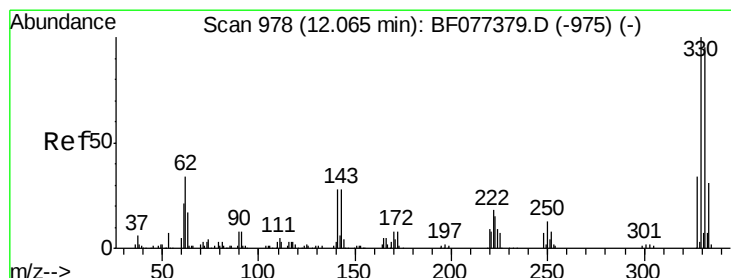
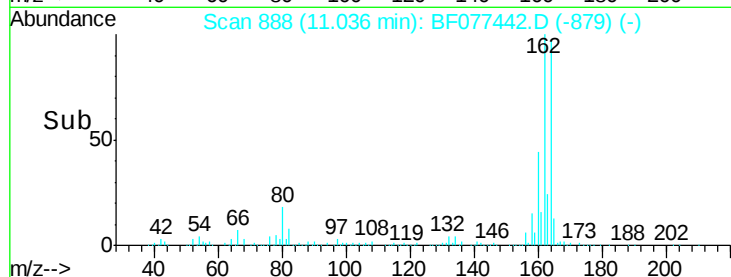
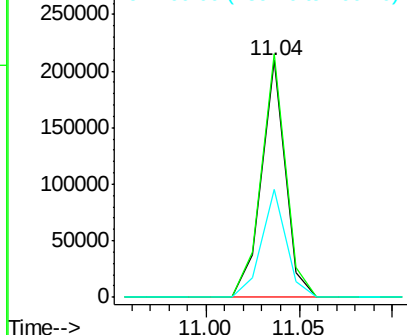
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF077442.D
Acq: 25 Feb 2015 19:18

Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5

Tgt Ion:164 Resp: 184683
Ion Ratio Lower Upper
164 100
162 102.7 83.2 124.8
160 45.3 34.6 52.0

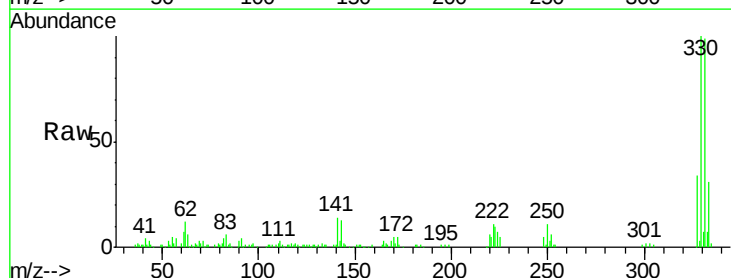


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

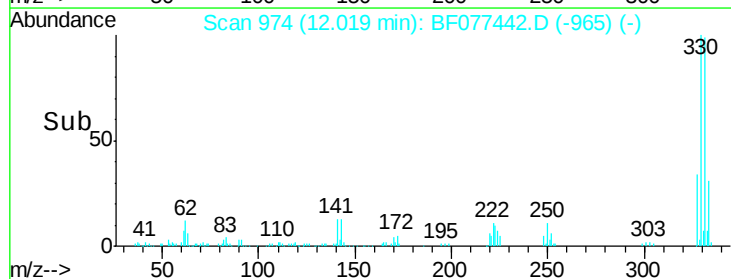
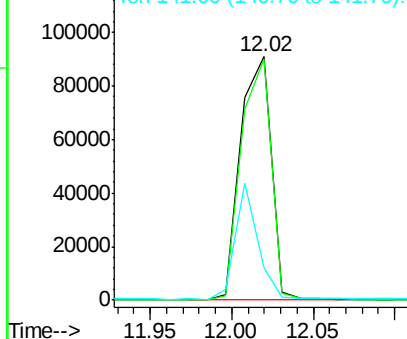


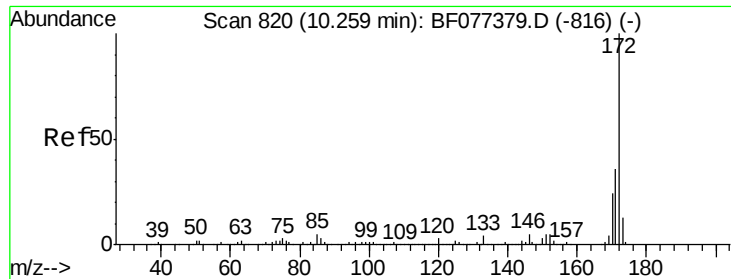
#41
2,4,6-Tribromophenol
Concen: 66.67 ng
RT: 12.02 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF077442.D
Acq: 25 Feb 2015 19:18

Tgt Ion:330 Resp: 118557
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 34.7 28.8 43.2



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

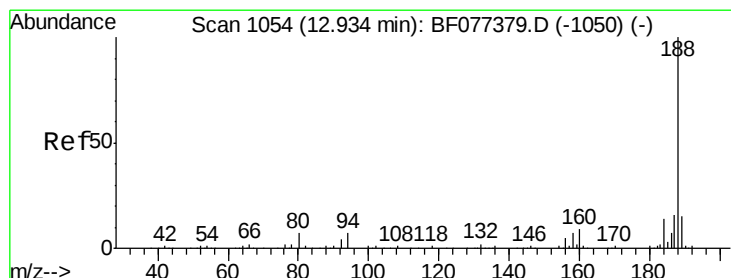
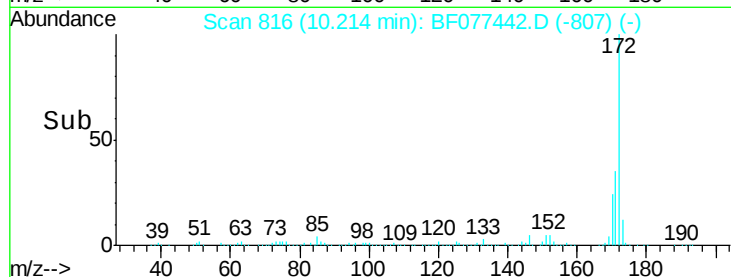
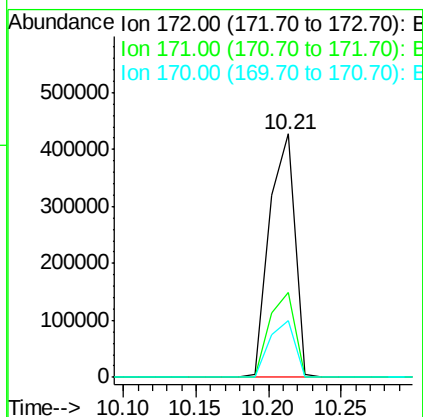
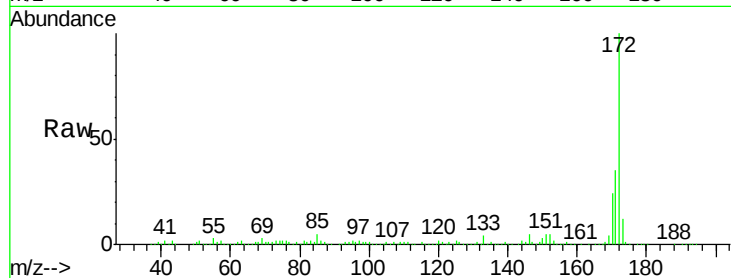




#44
 2-Fluorobiphenyl
 Concen: 43.82 ng
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF077442.D
 Acq: 25 Feb 2015 19:18

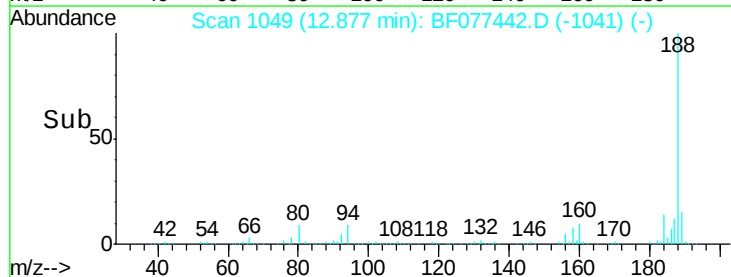
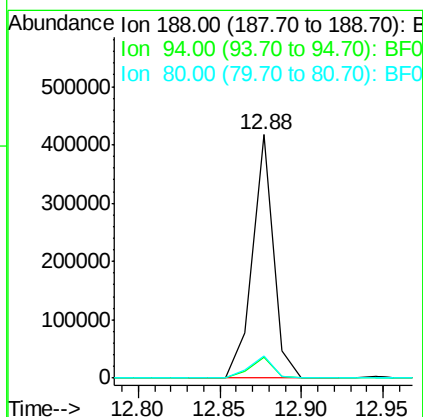
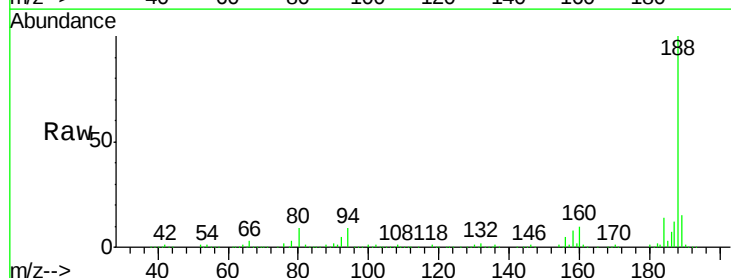
Instrument :
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 ClientSampleId :
 TU012-SB-12-2.5

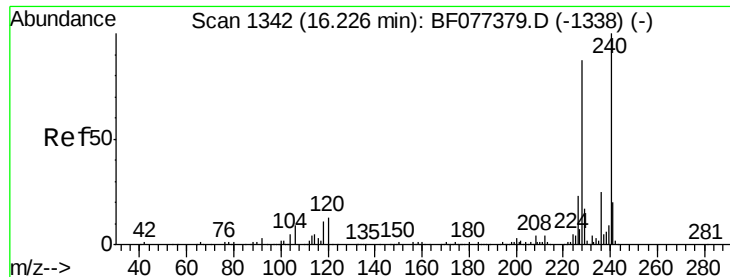
Tgt Ion:172 Resp: 519037
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.9 43.3
 170 23.5 19.4 29.2



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.88 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF077442.D
 Acq: 25 Feb 2015 19:18

Tgt Ion:188 Resp: 372379
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.4 11.2
 80 9.1 8.0 12.0

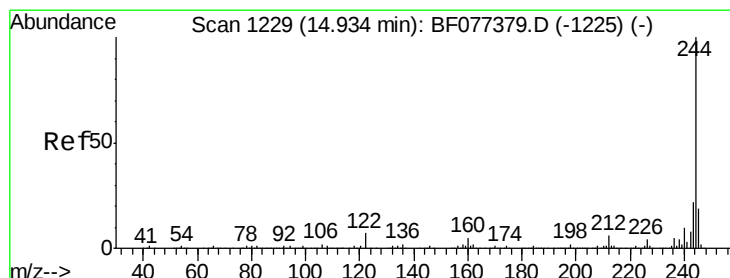
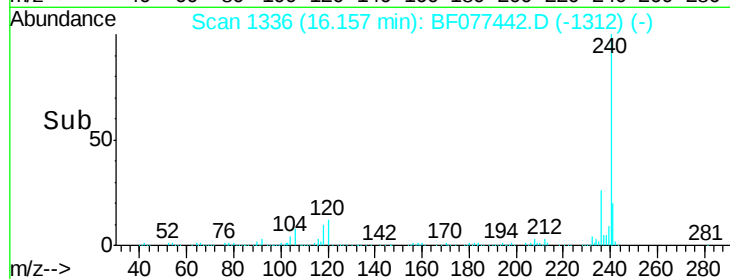
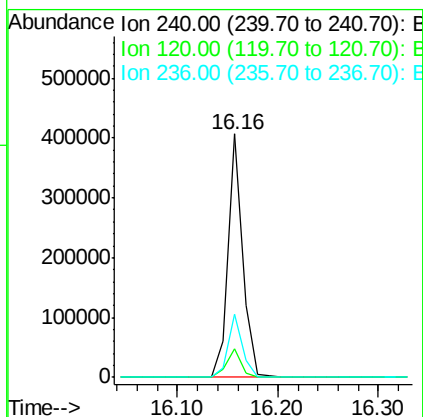
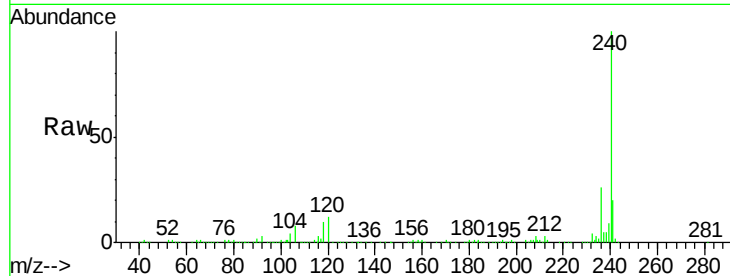




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.16 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BF077442.D
 Acq: 25 Feb 2015 19:18

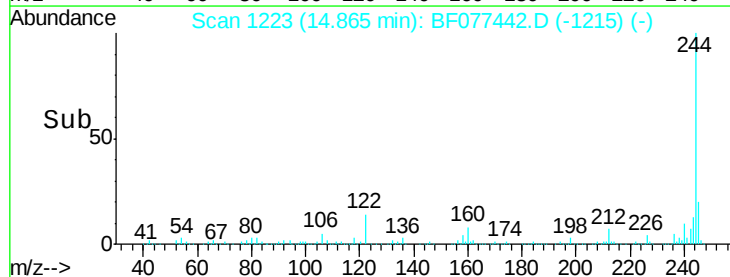
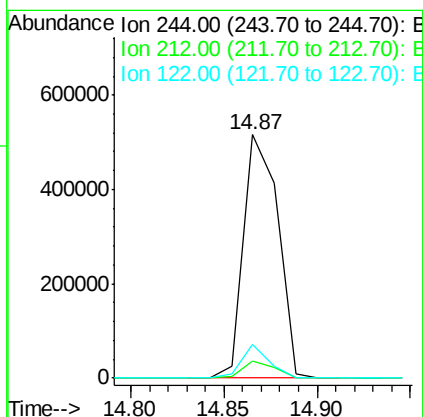
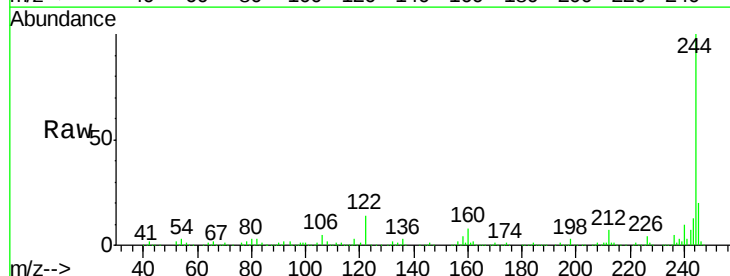
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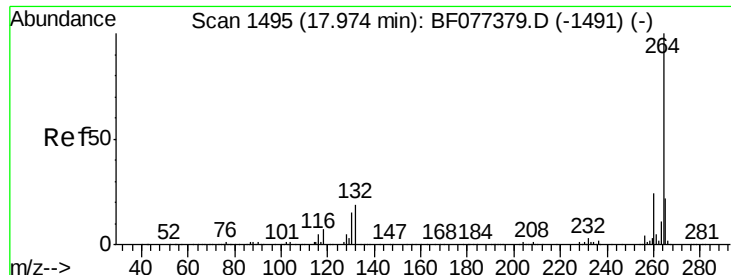
Tgt Ion:240 Resp: 411147
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.8 13.2
 236 25.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 37.64 ng
 RT: 14.87 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF077442.D
 Acq: 25 Feb 2015 19:18

Tgt Ion:244 Resp: 662022
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 13.9 7.8 11.8#

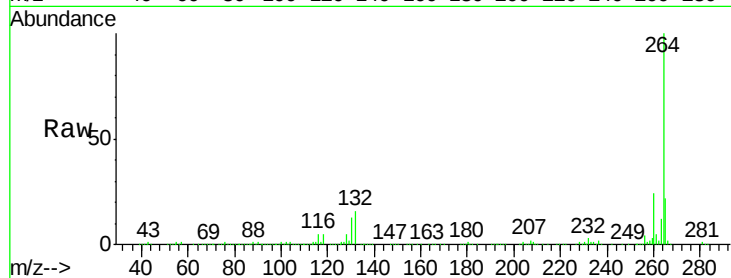




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.87 min Scan# 1486
Delta R.T. -0.05 min
Lab File: BF077442.D
Acq: 25 Feb 2015 19:18

Instrument :
BNA_F
ClientSampleId :
TU012-SB-12-2.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.8	16.8	25.2



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

