

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086259.D
 Acq On : 16 Apr 2016 12:06
 Operator : UM/SJ
 Sample : H2471-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

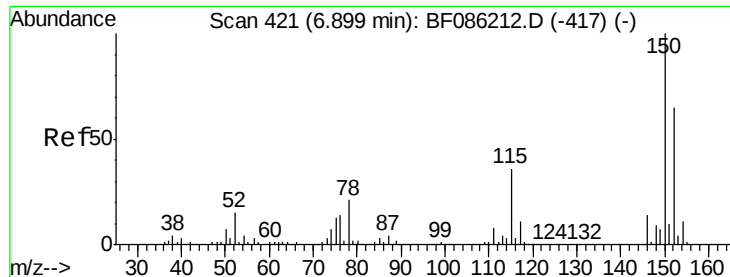
Instrument :
 BNA_F
 ClientSampleId :
 CDMSH3

Quant Time: Apr 18 04:00:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	276269	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1160429	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	492254	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	907652	20.00	ng	0.00
75) Chrysene-d12	14.04	240	532732	20.00	ng	-0.01
86) Perylene-d12	15.48	264	466378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1682355	99.78	ng	0.01
7) Phenol-d6	6.52	99	2235711	106.00	ng	0.00
23) Nitrobenzene-d5	7.46	82	1475731	73.35	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	380401	96.24	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1871465	70.15	ng	-0.01
78) Terphenyl-d14	13.00	244	1475826	69.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	199936	14.81	ng	# 74
22) Acetophenone	7.30	105	267	Below	Cal	# 19
49) Dimethylphthalate	9.65	163	315563	8.82	ng	98
56) 2,4-Dinitrotoluene	9.93	165	62894	6.20	ng	# 31
57) Fluorene	10.72	166	20088	Below	Cal	# 93
66) 4-Bromophenyl-phenylether	10.72	248	22702	2.68	ng	# 1
71) Anthracene	11.44	178	2273	Below	Cal	99
74) Fluoranthene	12.61	202	1299	Below	Cal	61

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

```
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Misc      :  
ALS Vial  : 40      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086259.D

Acq: 16 Apr 2016 12:06

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ClientSampleId :

CDMSH3

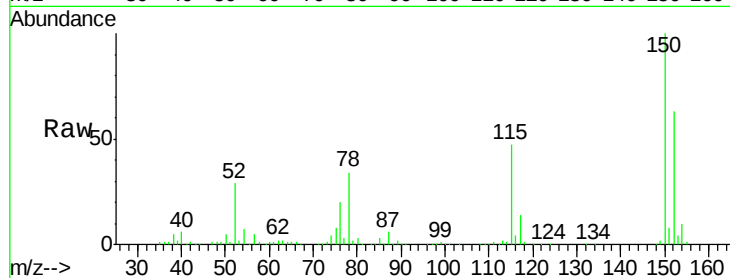
Tgt Ion:152 Resp: 276269

Ion Ratio Lower Upper

152 100

150 157.7 124.1 186.1

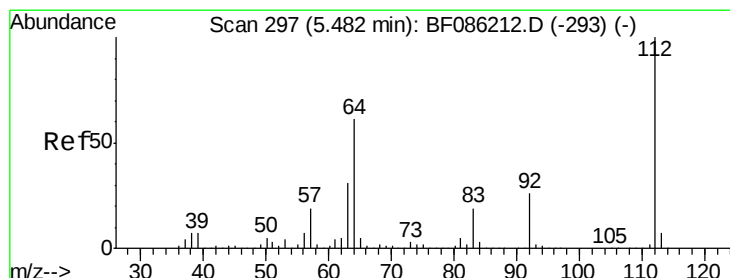
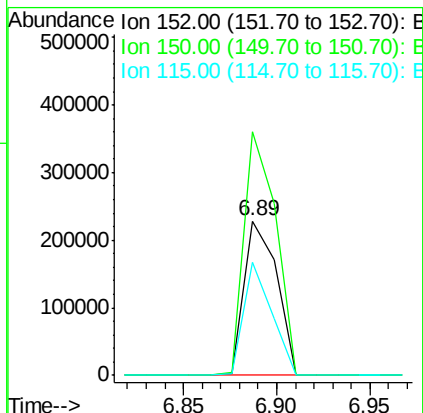
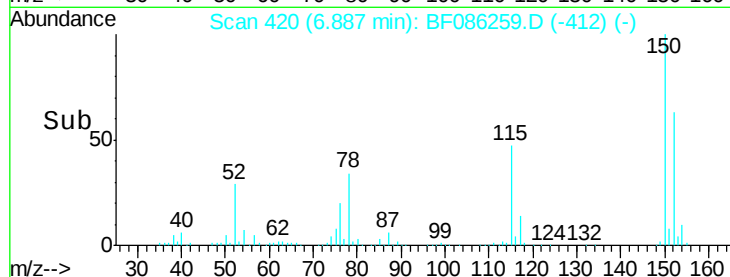
115 73.6 43.9 65.9#



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: 99.78 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086259.D

Acq: 16 Apr 2016 12:06

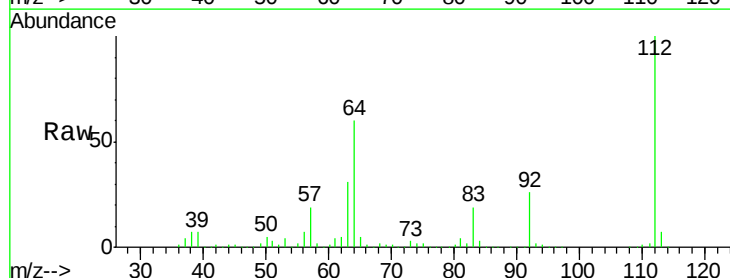
Tgt Ion:112 Resp: 1682355

Ion Ratio Lower Upper

112 100

64 60.2 48.1 72.1

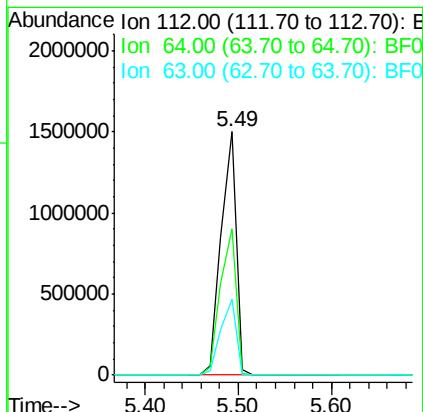
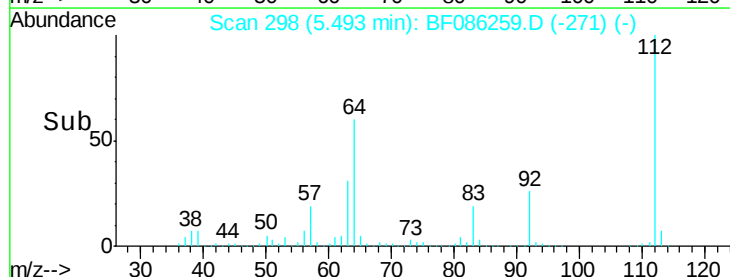
63 31.3 25.5 38.3

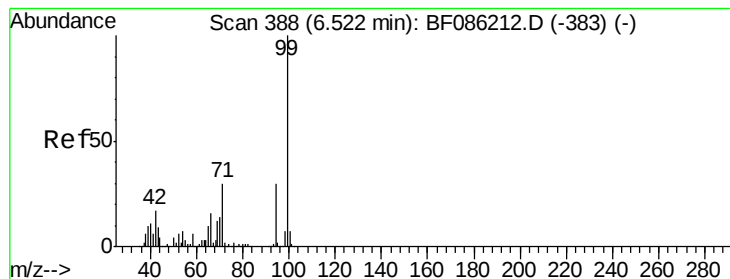


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.00 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086259.D

Acq: 16 Apr 2016 12:06

Instrument :

BNA_F

ClientSampleId :

CDMSH3

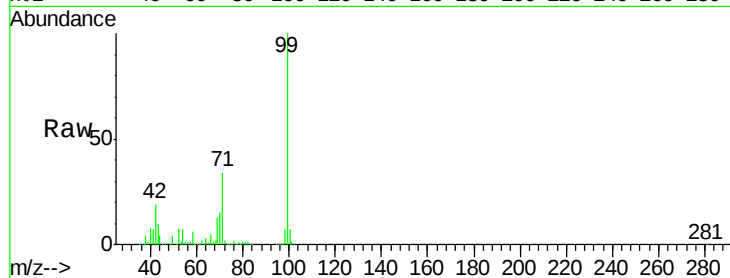
Tgt Ion: 99 Resp: 2235711

Ion Ratio Lower Upper

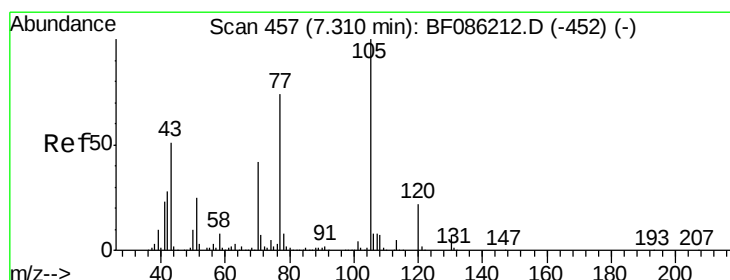
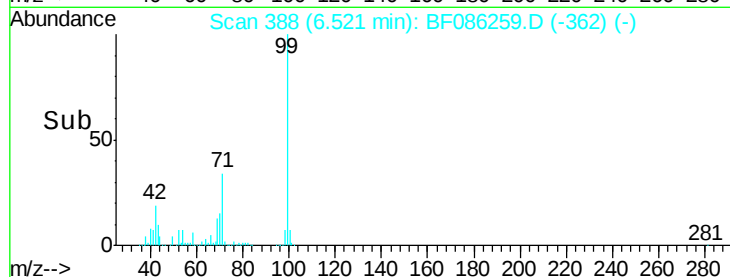
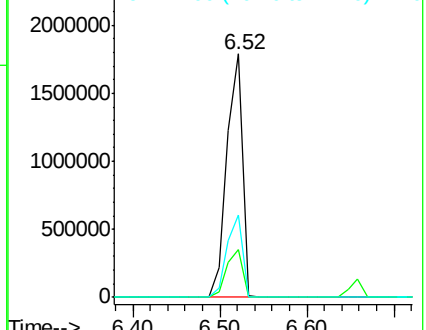
99 100

42 19.5 15.4 23.2

71 33.7 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.81 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086259.D

Acq: 16 Apr 2016 12:06

Tgt Ion: 70 Resp: 199936

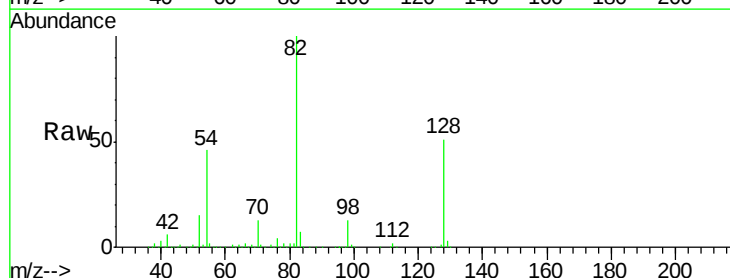
Ion Ratio Lower Upper

70 100

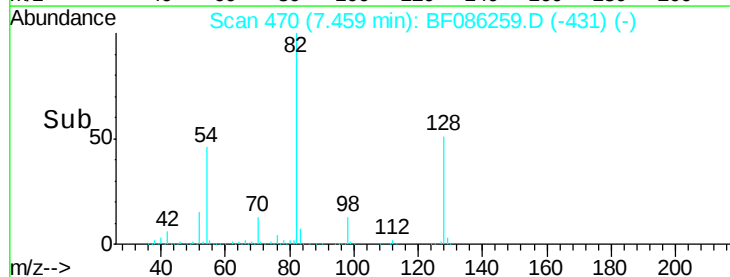
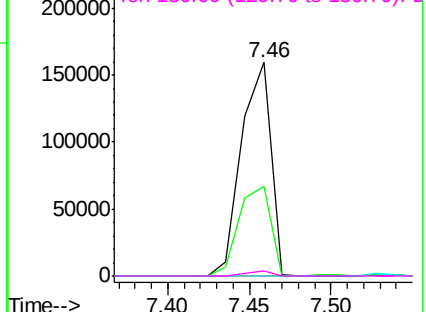
42 41.9 43.0 64.4#

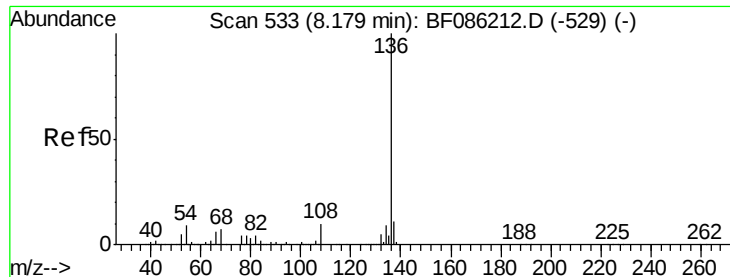
101 0.0 8.1 12.1#

130 2.3 20.1 30.1#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

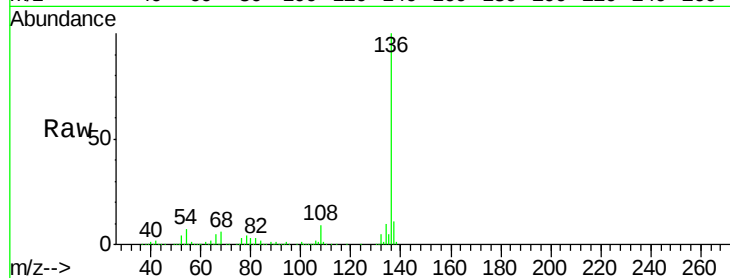




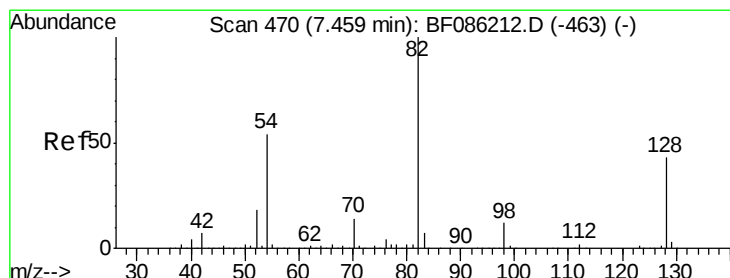
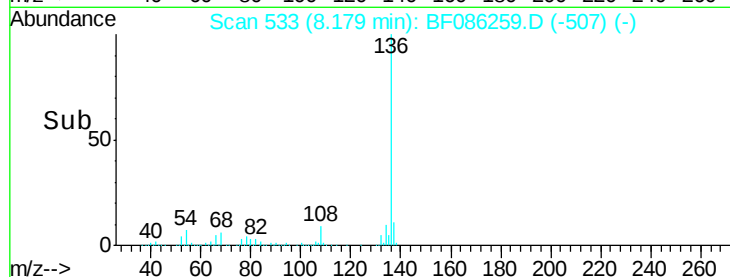
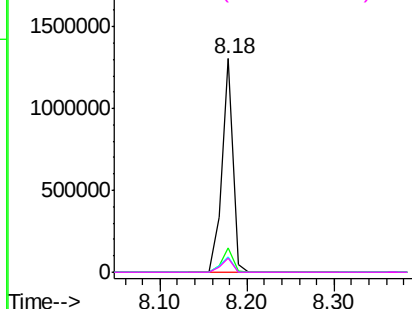
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086259.D
Acq: 16 Apr 2016 12:06

Instrument :
BNA_F
ClientSampleId :
CDMSH3

Tgt Ion:	136	Resp:	1160429
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.2	7.3	10.9#
68	6.4	5.7	8.5

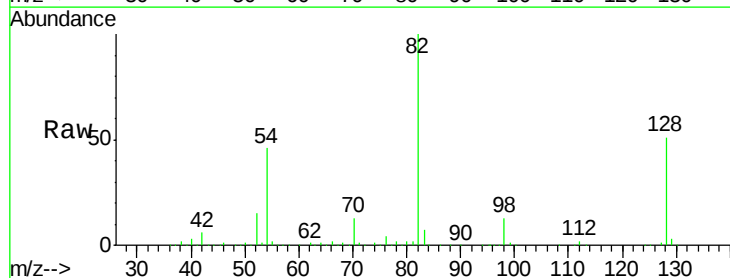


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

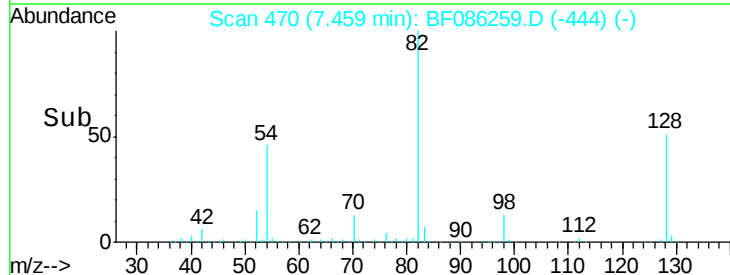
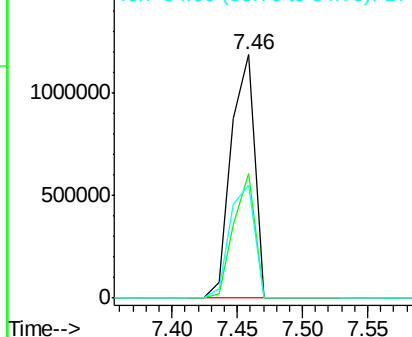


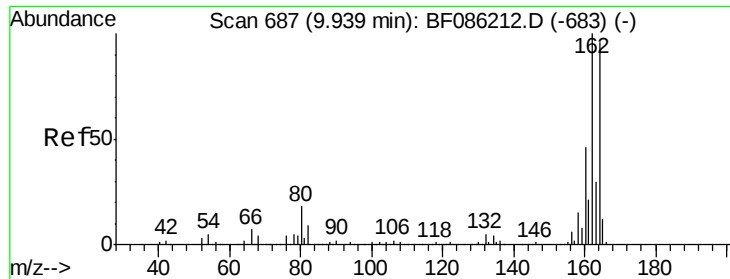
#23
Nitrobenzene-d5
Concen: 73.35 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086259.D
Acq: 16 Apr 2016 12:06

Tgt Ion:	82	Resp:	1475731
Ion	Ratio	Lower	Upper
82	100		
128	50.9	35.4	53.2
54	46.4	43.4	65.0



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

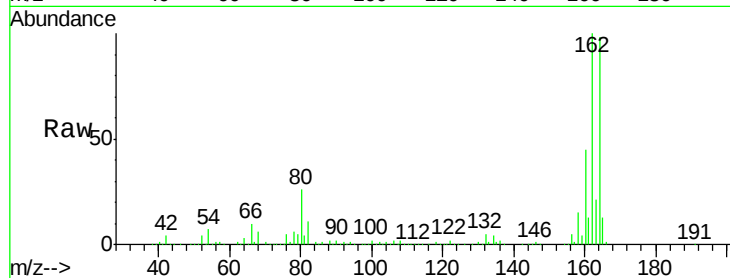




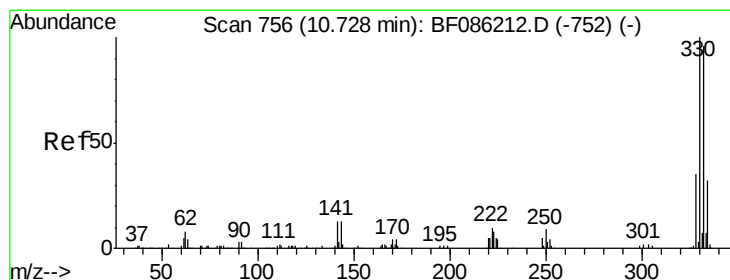
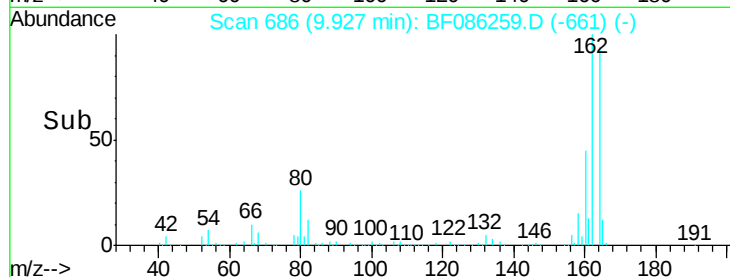
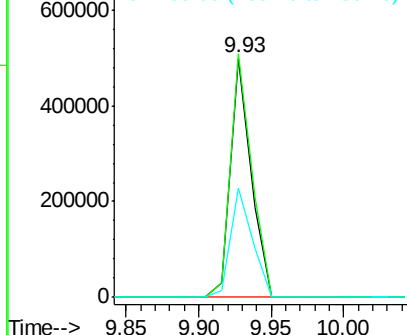
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086259.D
Acq: 16 Apr 2016 12:06

Instrument :
BNA_F
ClientSampleId :
CDMSH3

Tgt Ion:164 Resp: 492254
Ion Ratio Lower Upper
164 100
162 101.9 82.8 124.2
160 45.9 38.9 58.3

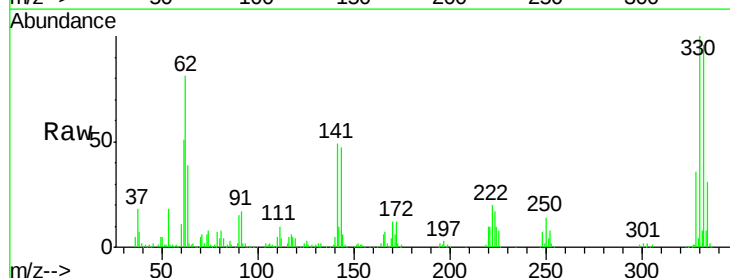


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

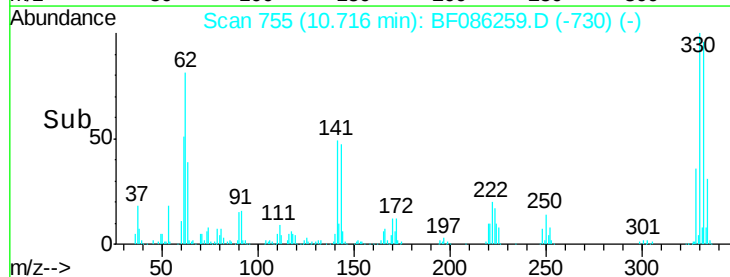
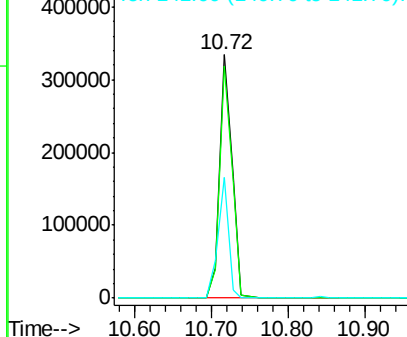


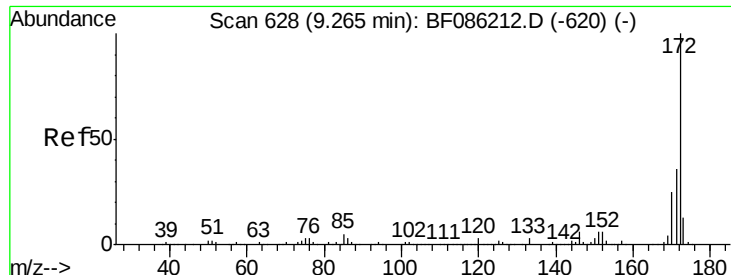
#41
2,4,6-Tribromophenol
Concen: 96.24 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF086259.D
Acq: 16 Apr 2016 12:06

Tgt Ion:330 Resp: 380401
Ion Ratio Lower Upper
330 100
332 95.9 78.7 118.1
141 42.1 28.6 42.8



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

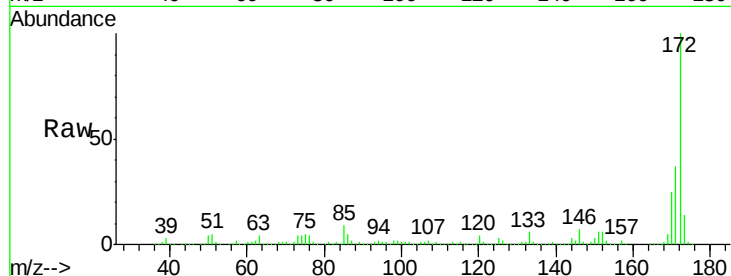




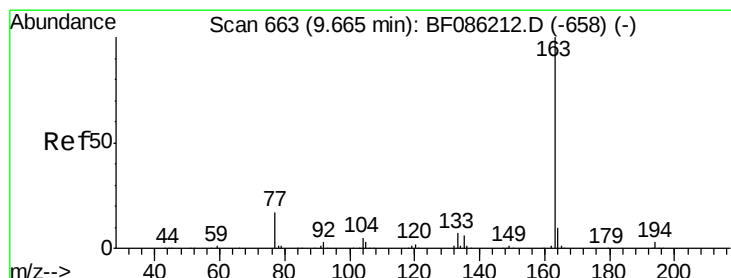
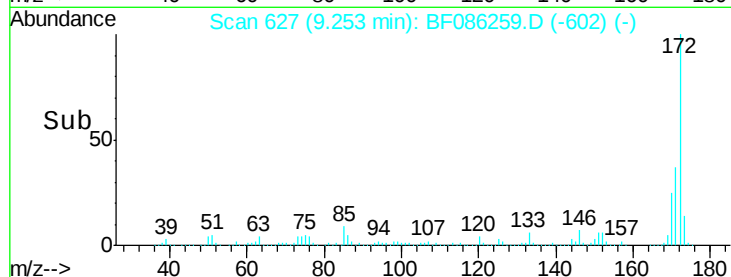
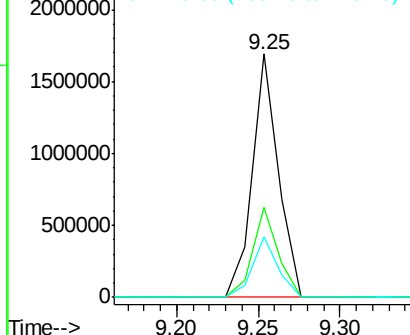
#44
 2-Fluorobiphenyl
 Concen: 70.15 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086259.D
 Acq: 16 Apr 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH3

Tgt Ion:172 Resp: 1871465
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.1 43.7
 170 24.9 19.9 29.9

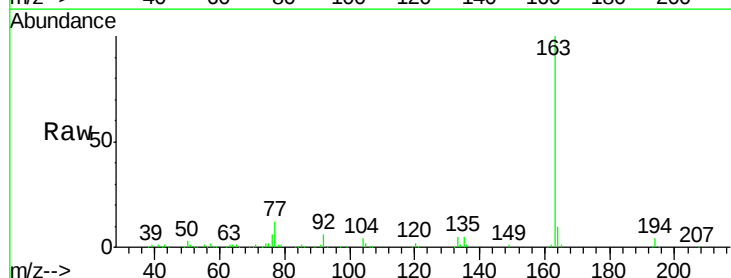


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

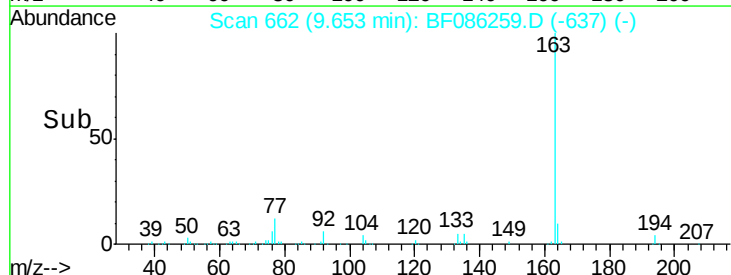
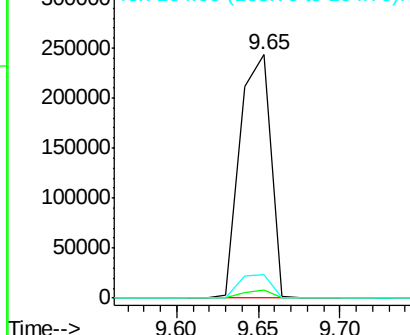


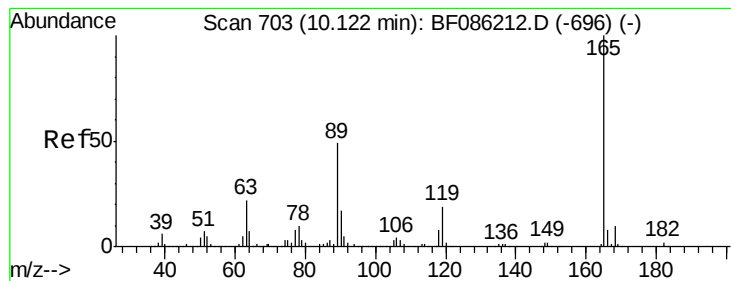
#49
 Dimethylphthalate
 Concen: 8.82 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF086259.D
 Acq: 16 Apr 2016 12:06

Tgt Ion:163 Resp: 315563
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.8 4.2
 164 9.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.20 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.19 min

Lab File: BF086259.D

Acq: 16 Apr 2016 12:06

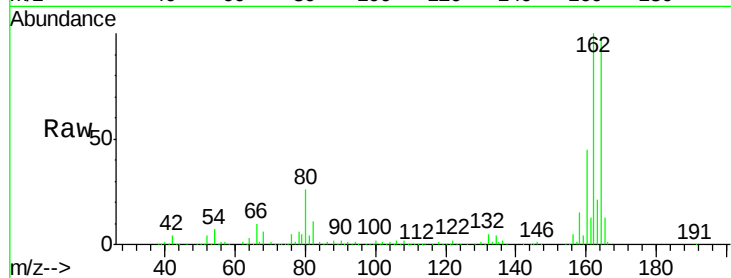
Instrument :

BNA_F

ClientSampleId :

CDMSH3

Tgt Ion:	165	Resp:	62894
Ion Ratio	Lower	Upper	
165	100		
63	1.1	26.6	40.0#
89	1.5	49.5	74.3#
182	0.0	1.9	2.9#

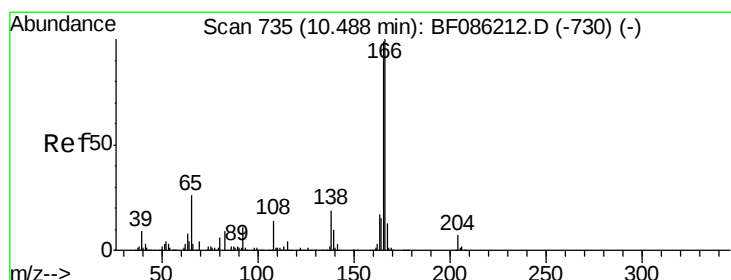
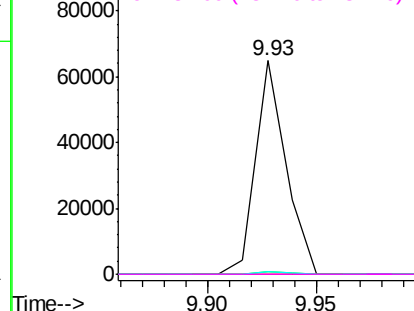
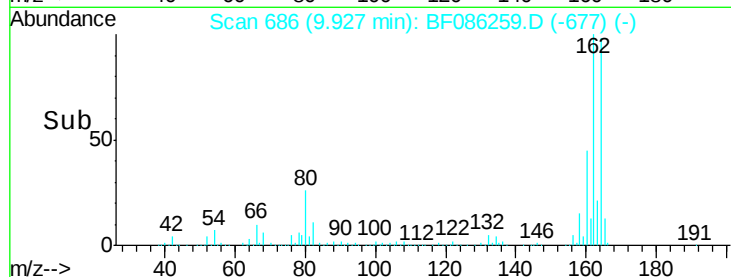


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: Below Cal

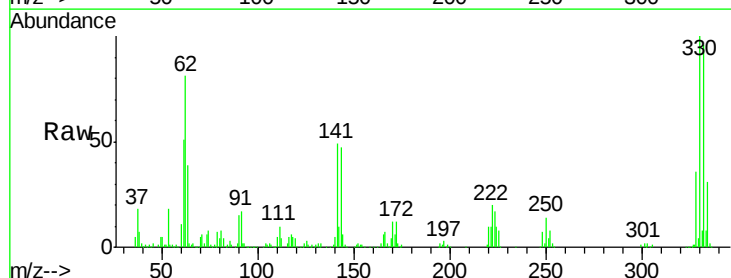
RT: 10.72 min Scan# 755

Delta R.T. 0.23 min

Lab File: BF086259.D

Acq: 16 Apr 2016 12:06

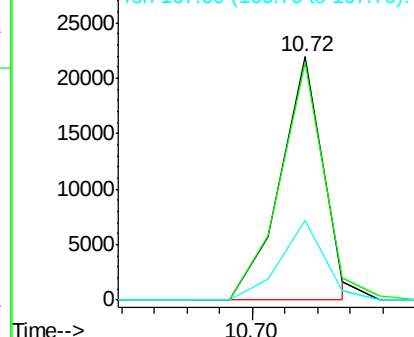
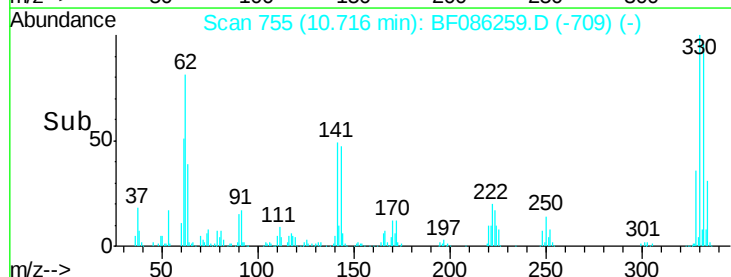
Tgt Ion:	166	Resp:	20088
Ion Ratio	Lower	Upper	
166	100		
165	97.4	78.6	117.8
167	32.7	10.4	15.6#

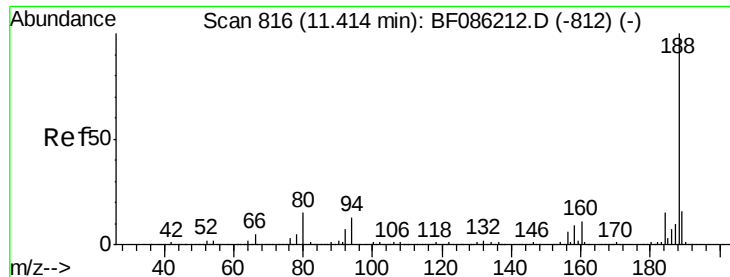


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

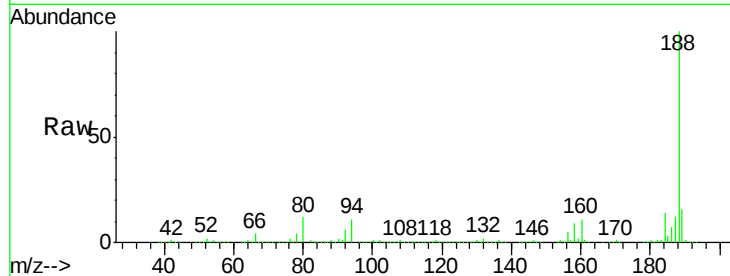




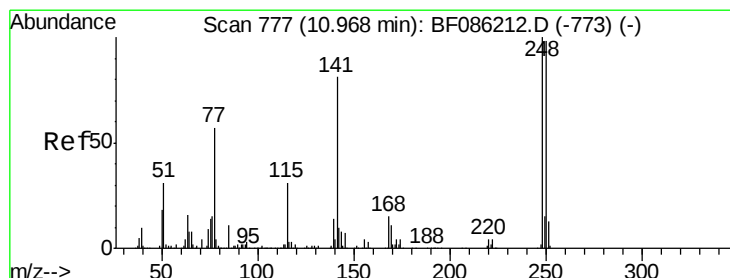
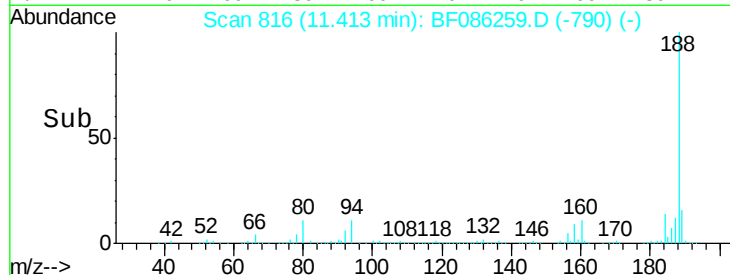
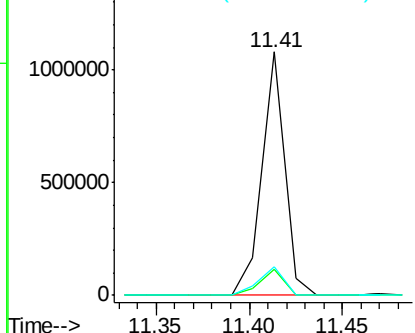
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086259.D
Acq: 16 Apr 2016 12:06

Instrument :
BNA_F
ClientSampleId :
CDMSH3

Tgt Ion:188 Resp: 907652
Ion Ratio Lower Upper
188 100
94 10.8 9.8 14.8
80 11.5 10.5 15.7

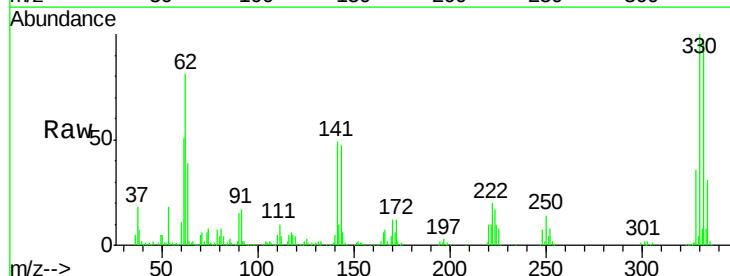


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

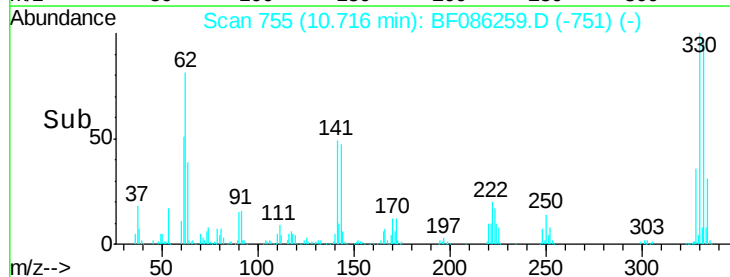
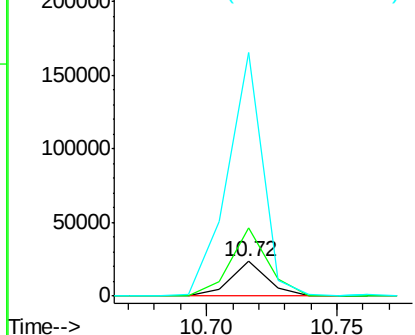


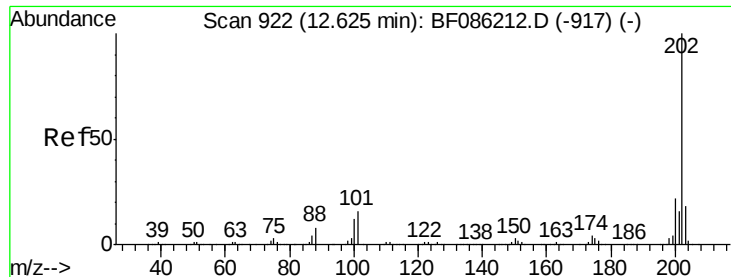
#66
4-Bromophenyl-phenylether
Concen: 2.68 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086259.D
Acq: 16 Apr 2016 12:06

Tgt Ion:248 Resp: 22702
Ion Ratio Lower Upper
248 100
250 200.3 78.6 118.0#
141 708.4 57.9 86.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

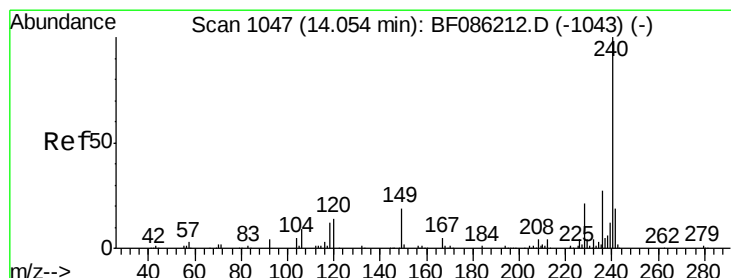
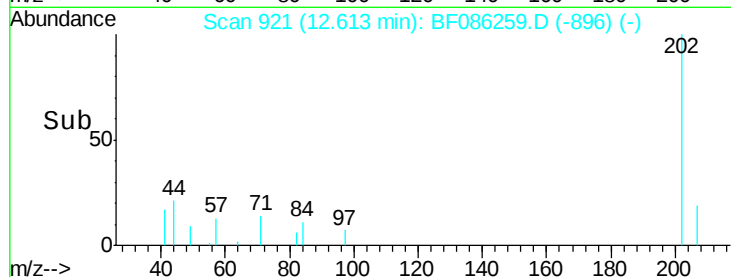
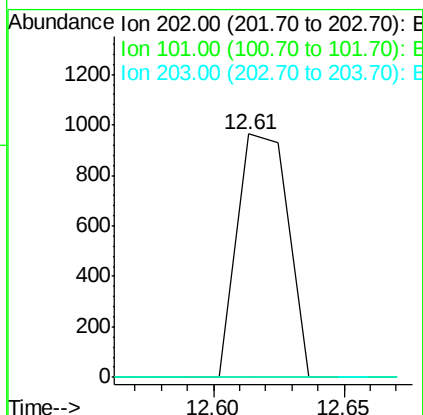
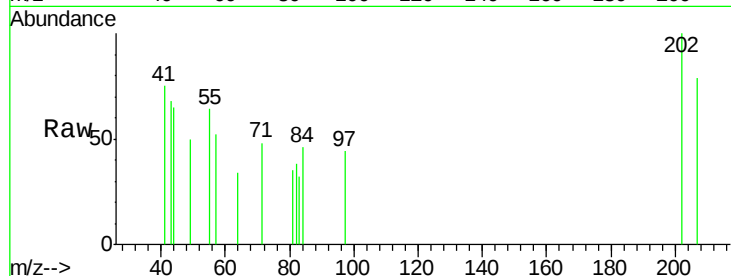




#74
 Fluoranthene
 Concen: Below Cal
 RT: 12.61 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF086259.D
 Acq: 16 Apr 2016 12:06

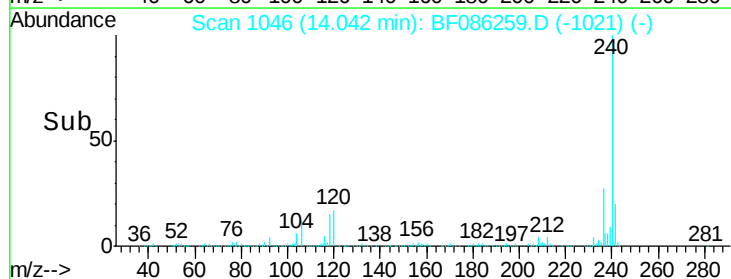
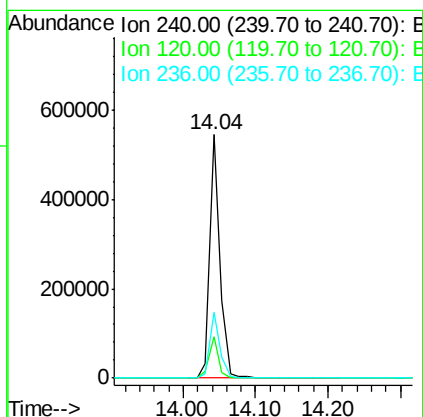
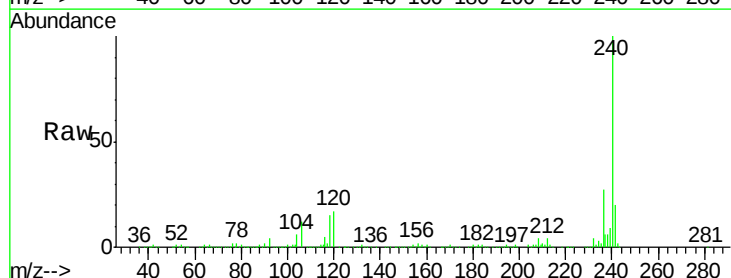
Instrument :
 BNA_F
 ClientSampleId :
 CDMSH3

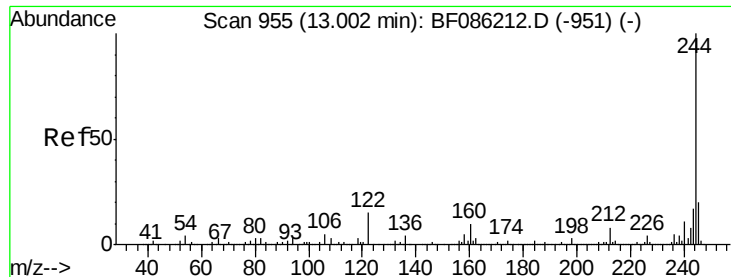
Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	35.2
203	0.0	0.0	38.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF086259.D
 Acq: 16 Apr 2016 12:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	17.0	9.3	13.9#
236	26.8	21.1	31.7

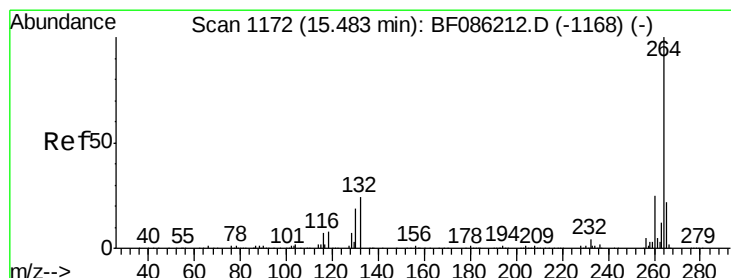
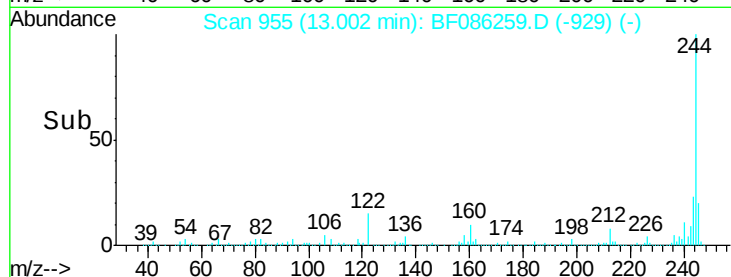
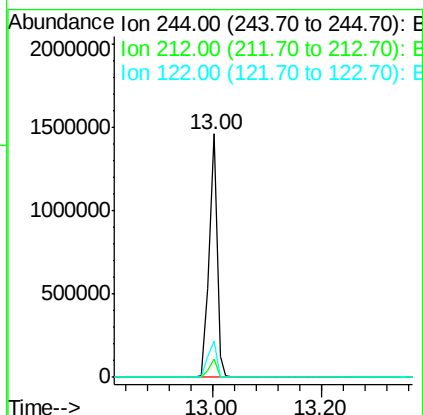
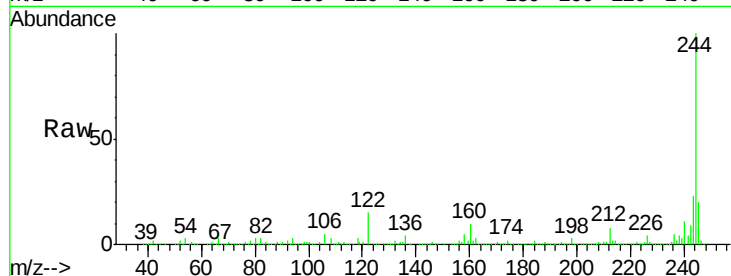




#78
 Terphenyl-d14
 Concen: 69.66 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086259.D
 Acq: 16 Apr 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :
 CDMSH3

Tgt Ion:244 Resp: 1475826
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 14.9 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086259.D
 Acq: 16 Apr 2016 12:06

Tgt Ion:264 Resp: 466378
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 21.3 17.4 26.0

