

Data Path : Z:\HPCHEM1\BNA F\Data\BF052516\
 Data File : BF087402.D
 Acq On : 26 May 2016 8:44
 Operator : UM/SJ
 Sample : H3220-16
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 15:39:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

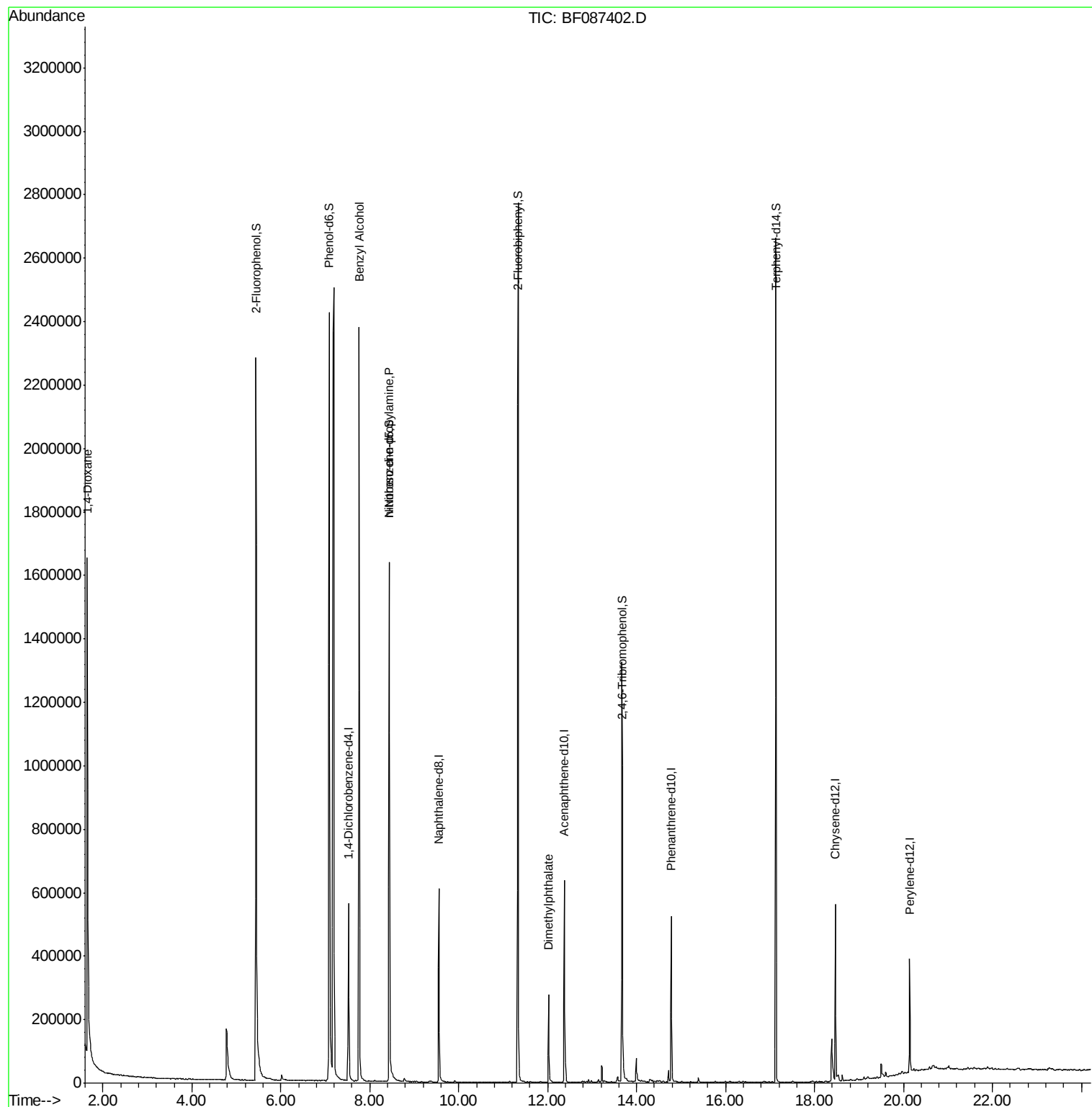
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	100927	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	392260	20.00	ng	0.00
38) Acenaphthene-d10	12.38	164	162122	20.00	ng	-0.01
63) Phenanthrene-d10	14.78	188	263145	20.00	ng	0.00
75) Chrysene-d12	18.47	240	226994	20.00	ng	-0.01
86) Perylene-d12	20.14	264	154357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	926138	161.24	ng	0.02
7) Phenol-d6	7.08	99	1164484	150.04	ng	0.01
23) Nitrobenzene-d5	8.43	82	799514	102.72	ng	-0.01
41) 2,4,6-Tribromophenol	13.68	330	207754	133.35	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1260042	109.57	ng	0.00
78) Terphenyl-d14	17.13	244	927762	86.89	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.64	88	47974	15.83	ng	# 22
15) Benzyl Alcohol	7.76	79	14508	2.56	ng	# 40
19) n-Nitroso-di-n-propylamine	8.43	70	110215	19.04	ng	# 73
49) Dimethylphthalate	12.02	163	141524	10.90	ng	100

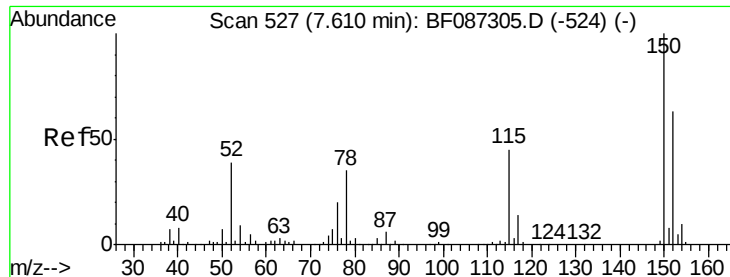
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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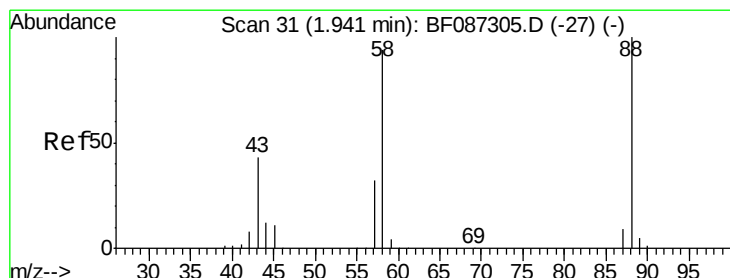
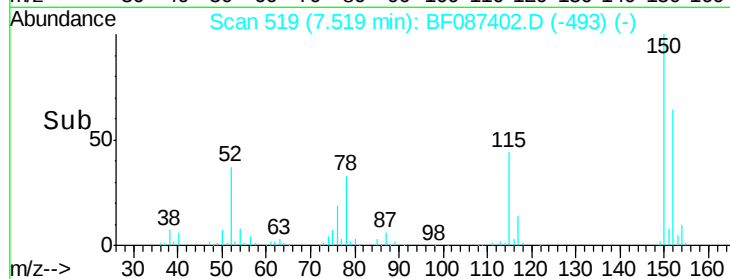
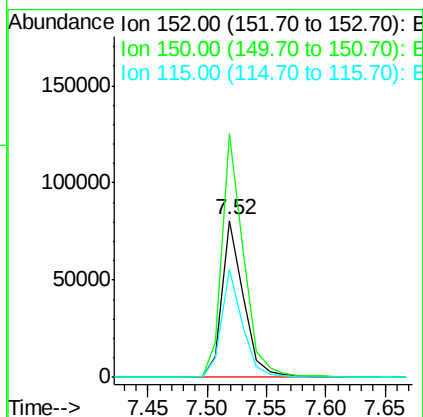
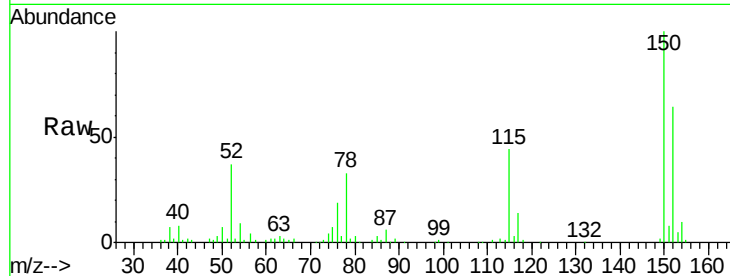


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF087402.D
Acq: 26 May 2016 8:44

Instrument :
BNA_F
ClientSampleId :

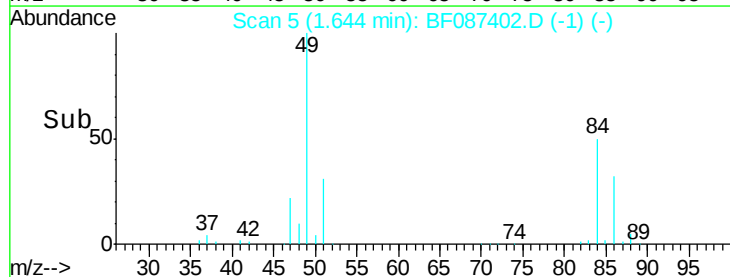
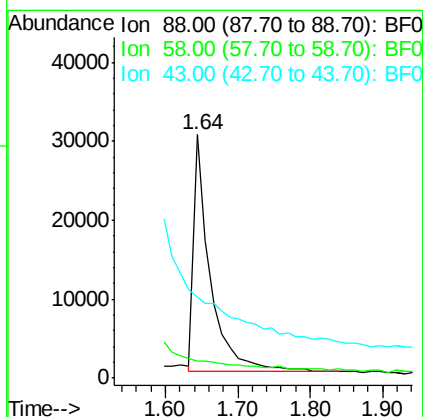
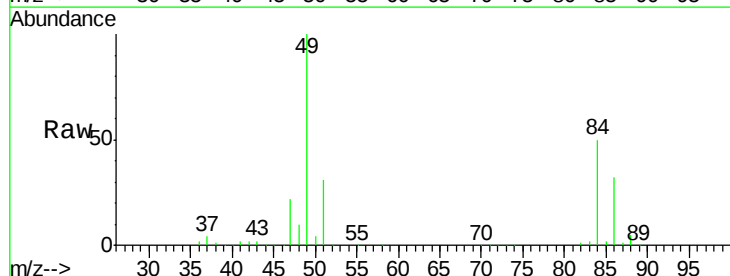
Tot Ion:152 Resp: 100927
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.6
115 68.7 51.5 77.3

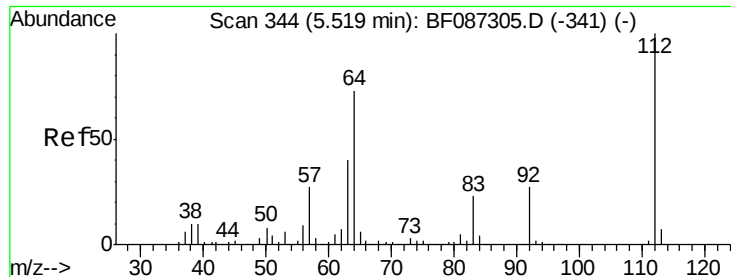


#2

1,4-Dioxane
Concen: 15.83 ng
RT: 1.64 min Scan# 5
Delta R.T. -0.17 min
Lab File: BF087402.D
Acq: 26 May 2016 8:44

Tgt Ion: 88 Resp: 47974
Ion Ratio Lower Upper
88 100
58 0.0 59.6 89.4#
43 0.0 21.8 32.6#

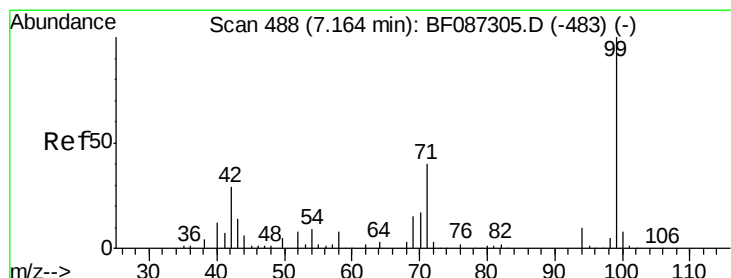
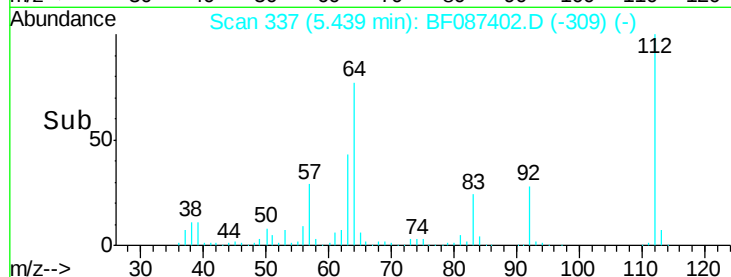
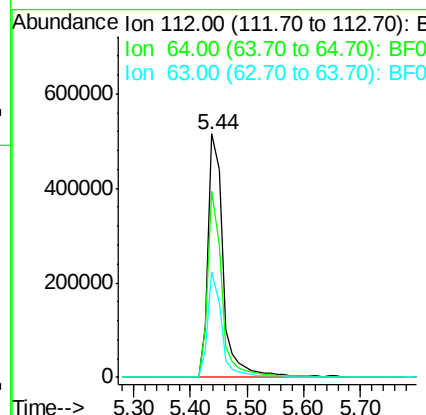
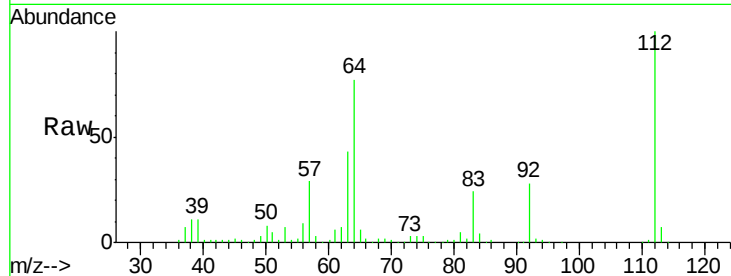




#5
 2-Fluorophenol
 Concen: 161.24 ng
 RT: 5.44 min Scan# 337
 Delta R.T. 0.02 min
 Lab File: BF087402.D
 Acq: 26 May 2016 8:44

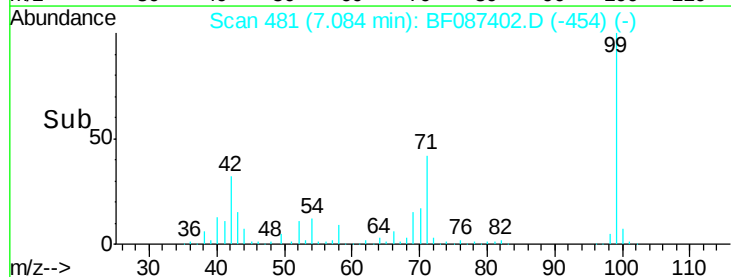
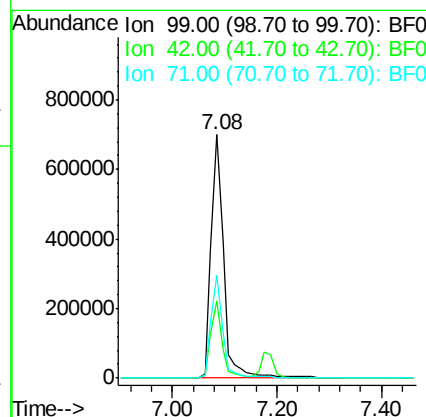
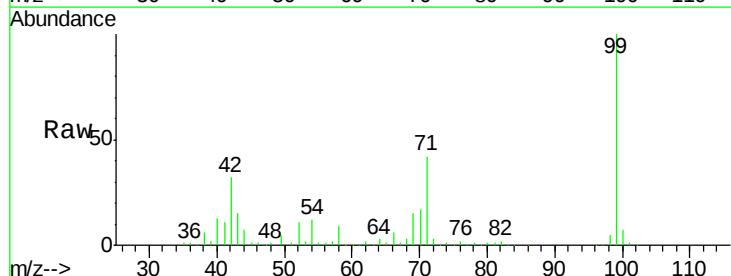
Instrument :
 BNA_F
 ClientSampleId :

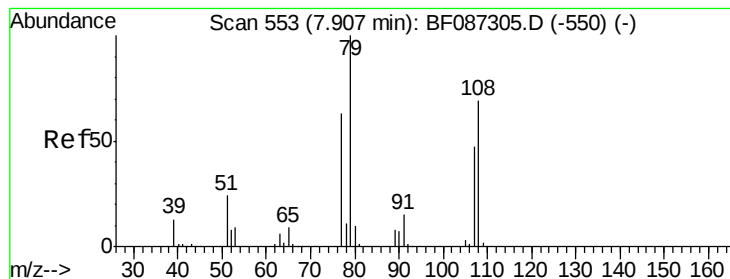
Tot Ion:112 Resp: 926138
 Ion Ratio Lower Upper
 112 100
 64 76.6 52.1 78.1
 63 43.1 25.7 38.5#



#7
 Phenol-d6
 Concen: 150.04 ng
 RT: 7.08 min Scan# 481
 Delta R.T. 0.01 min
 Lab File: BF087402.D
 Acq: 26 May 2016 8:44

Tgt Ion: 99 Resp: 1164484
 Ion Ratio Lower Upper
 99 100
 42 31.7 13.6 20.4#
 71 42.3 24.6 36.8#





#15

Benzyl Alcohol

Concen: 2.56 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.06 min

Lab File: BF087402.D

Acq: 26 May 2016 8:44

Instrument :

BNA_F

ClientSampleId :

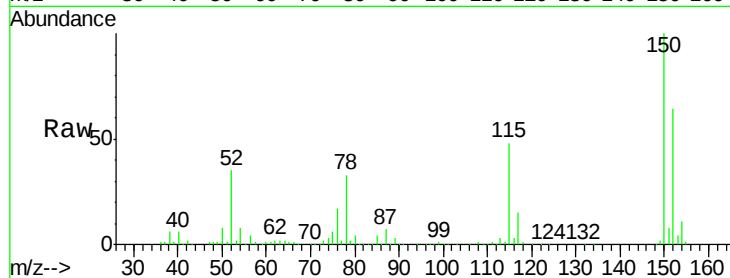
Tot Ion: 79 Resp: 14508

Ion Ratio Lower Upper

79 100

108 31.8 68.4 102.6#

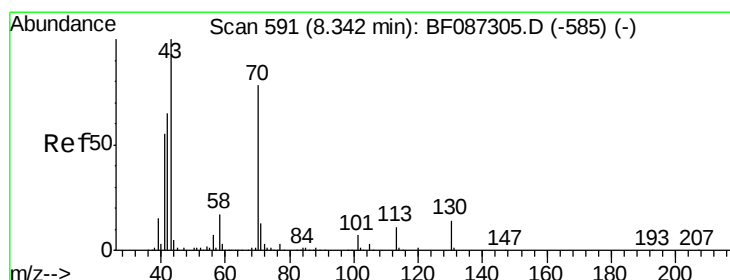
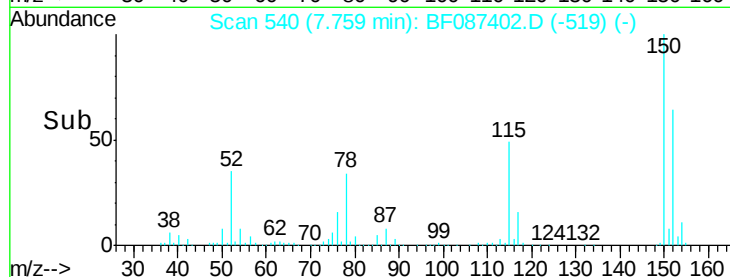
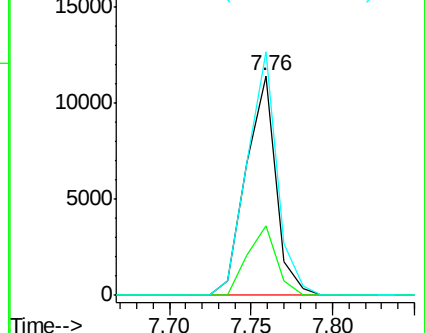
77 111.0 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.04 ng

RT: 8.43 min Scan# 599

Delta R.T. 0.18 min

Lab File: BF087402.D

Acq: 26 May 2016 8:44

Tgt Ion: 70 Resp: 110215

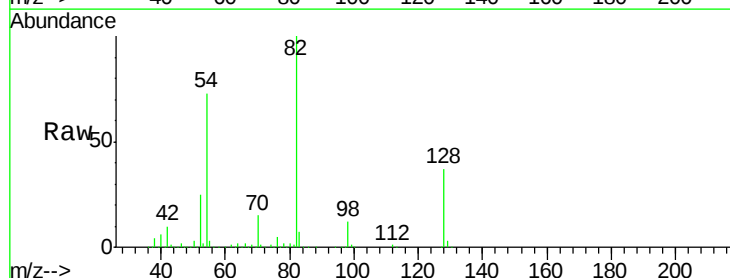
Ion Ratio Lower Upper

70 100

42 68.1 43.1 64.7#

101 0.0 8.1 12.1#

130 1.9 18.6 28.0#

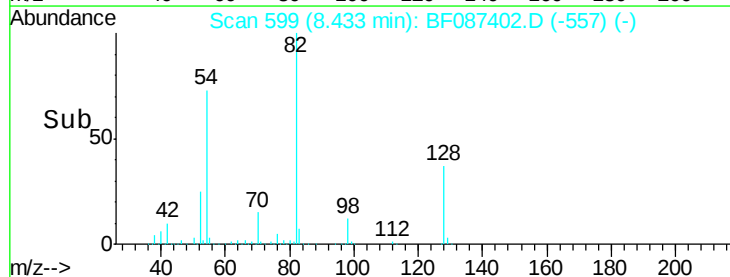
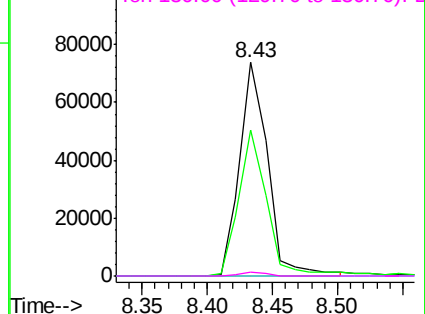


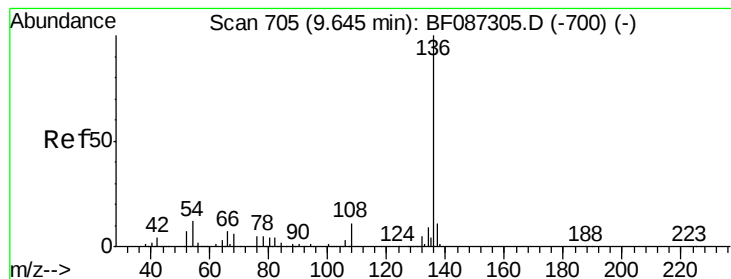
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087402.D

Acq: 26 May 2016 8:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 392260

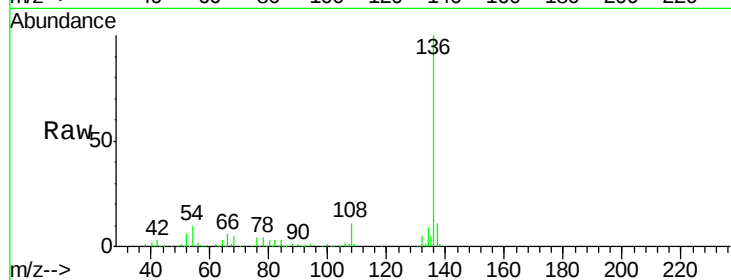
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.4 5.0 7.4#

68 5.1 4.4 6.6

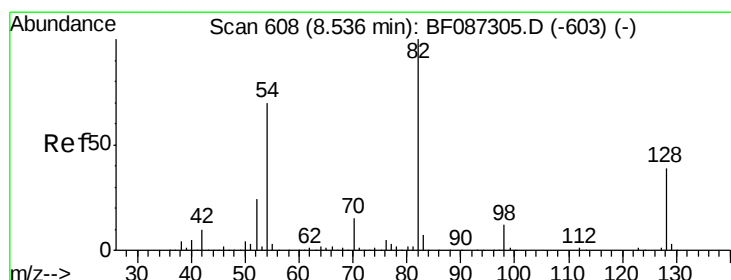
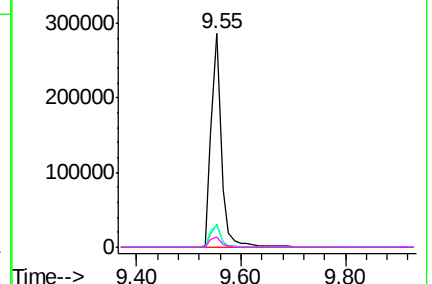
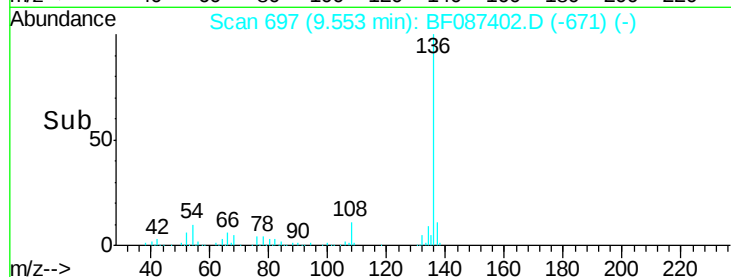


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.72 ng

RT: 8.43 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF087402.D

Acq: 26 May 2016 8:44

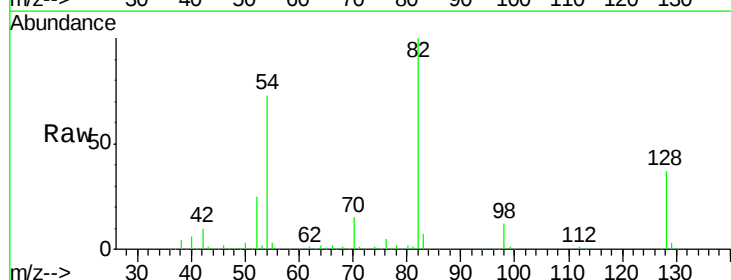
Tgt Ion: 82 Resp: 799514

Ion Ratio Lower Upper

82 100

128 37.0 40.6 61.0#

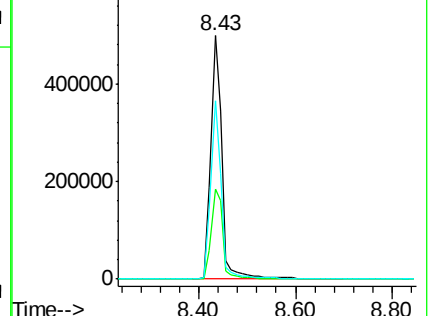
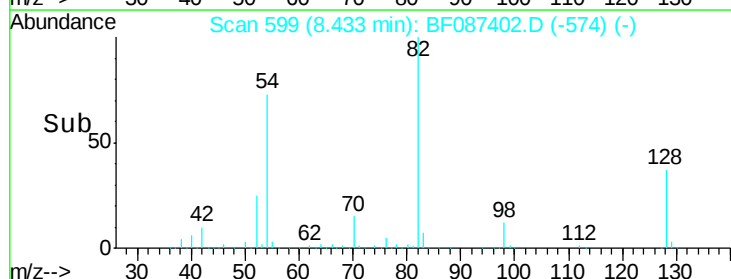
54 73.3 38.1 57.1#

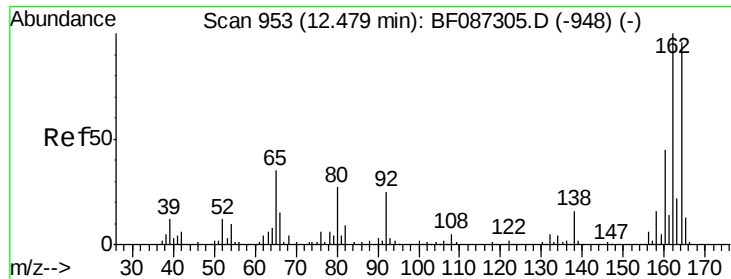


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

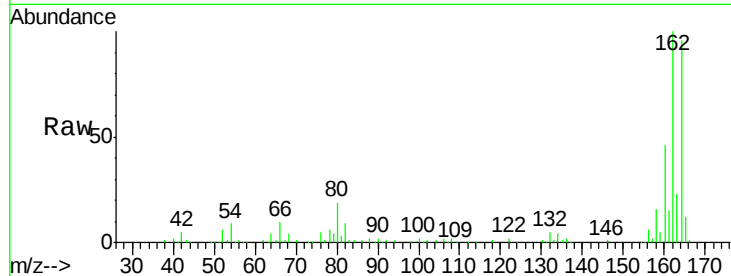




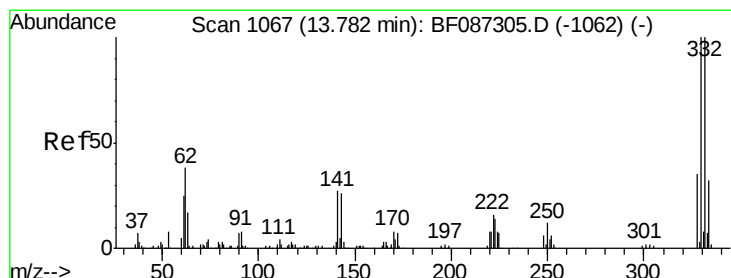
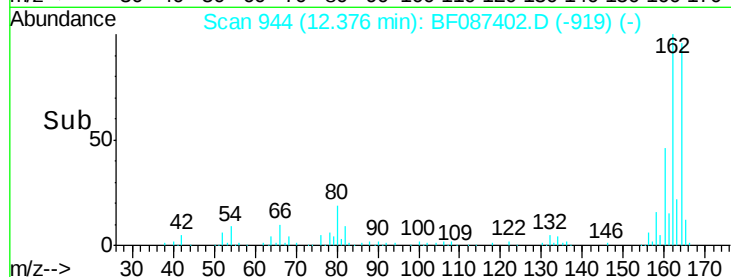
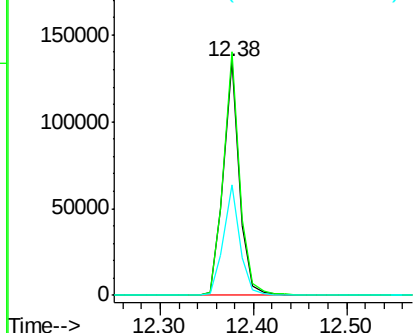
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF087402.D
 Acq: 26 May 2016 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 162122
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.8 124.2
 160 47.4 36.9 55.3

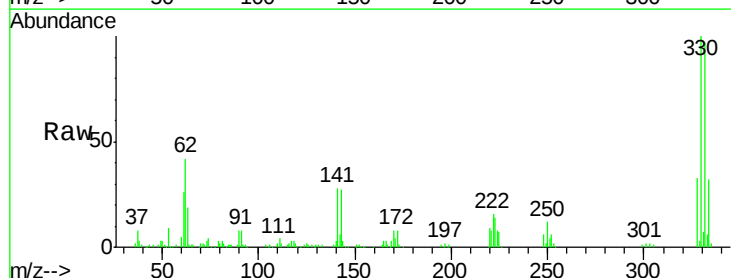


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

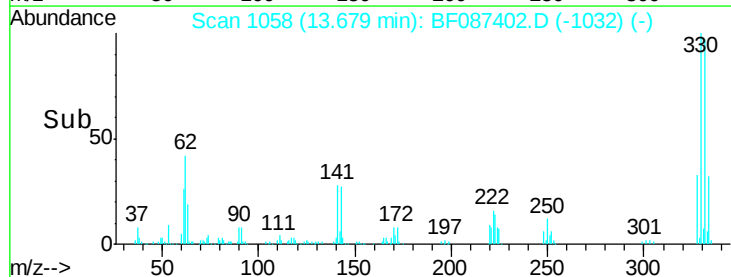
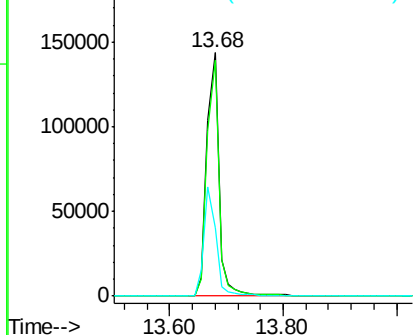


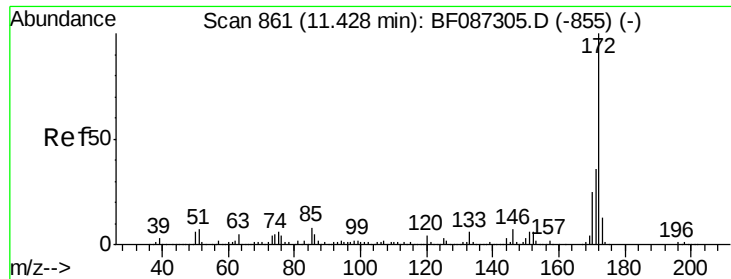
#41
 2,4,6-Tribromophenol
 Concen: 133.35 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF087402.D
 Acq: 26 May 2016 8:44

Tgt Ion:330 Resp: 207754
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 44.5 31.2 46.8



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

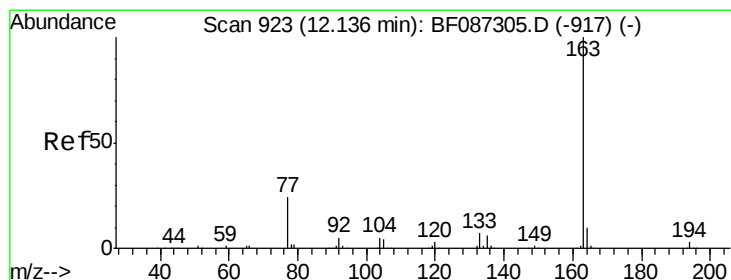
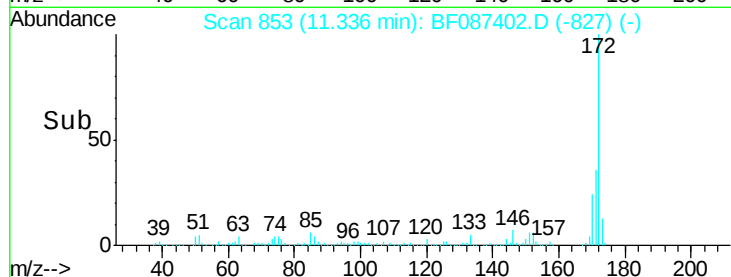
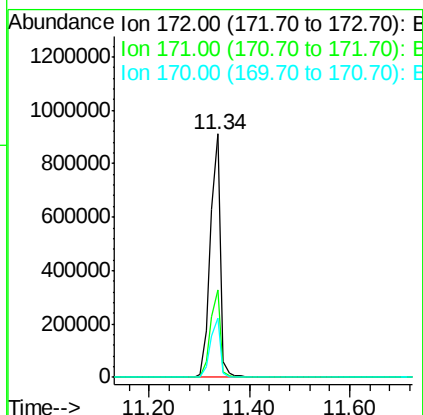
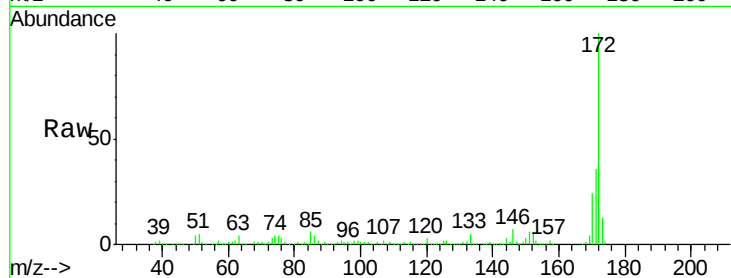




#44
2-Fluorobiphenyl
Concen: 109.57 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF087402.D
Acq: 26 May 2016 8:44

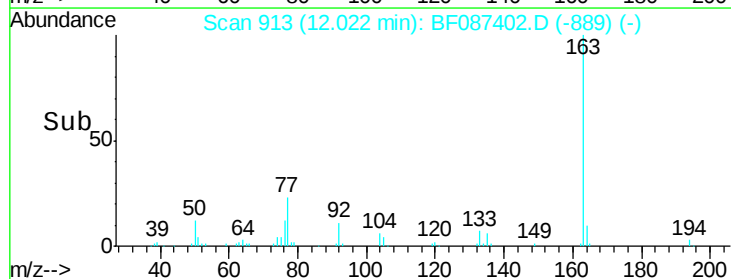
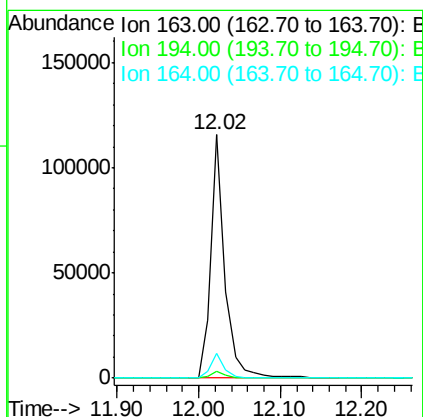
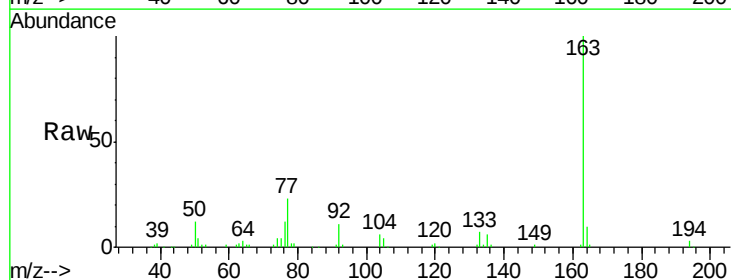
Instrument :
BNA_F
ClientSampleId :

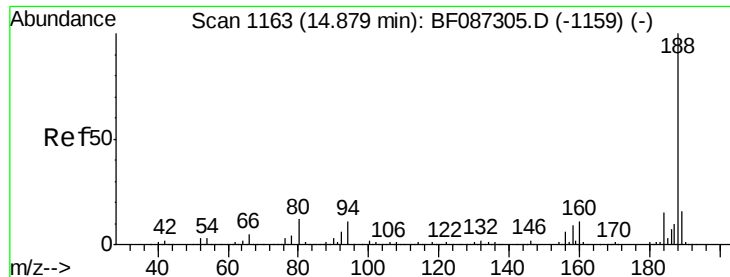
Tot Ion:172 Resp: 1260042
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.3 19.8 29.8



#49
Dimethylphthalate
Concen: 10.90 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF087402.D
Acq: 26 May 2016 8:44

Tgt Ion:163 Resp: 141524
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.2 12.4

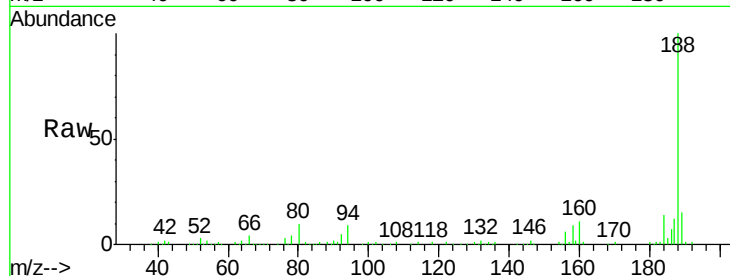




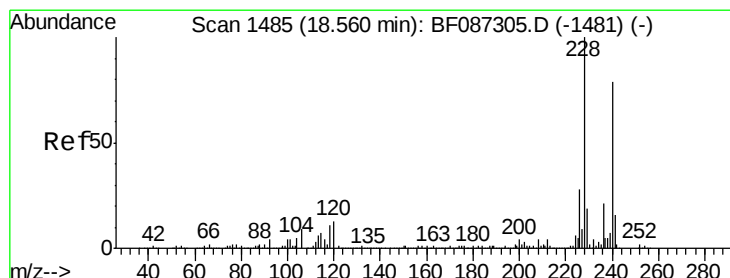
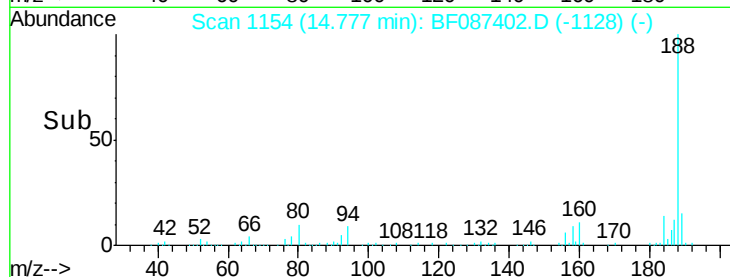
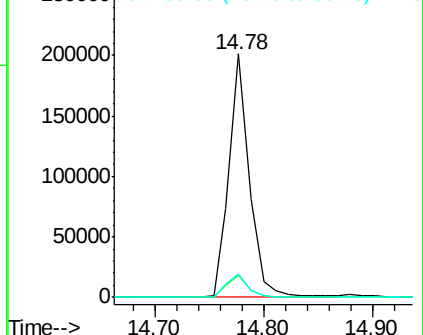
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF087402.D
Acq: 26 May 2016 8:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 263145
Ion Ratio Lower Upper
188 100
94 9.3 6.8 10.2
80 9.9 7.1 10.7

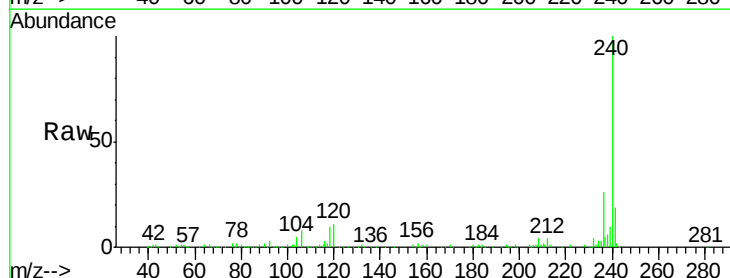


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

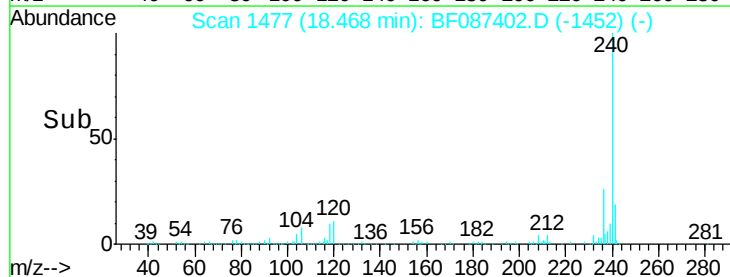
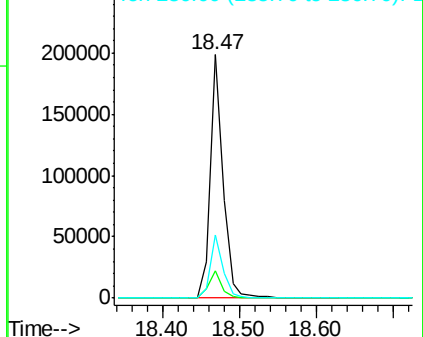


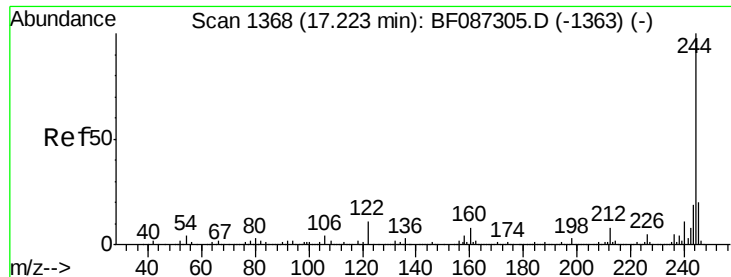
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.47 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF087402.D
Acq: 26 May 2016 8:44

Tgt Ion:240 Resp: 226994
Ion Ratio Lower Upper
240 100
120 11.4 11.2 16.8
236 26.0 21.2 31.8



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

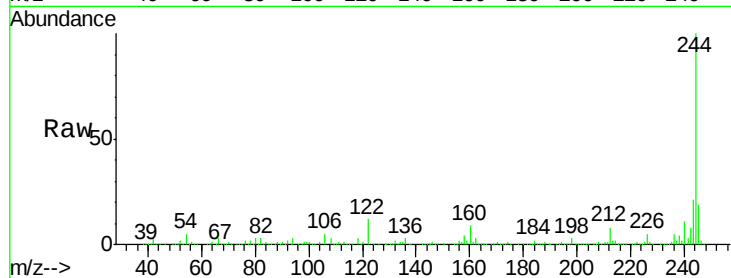




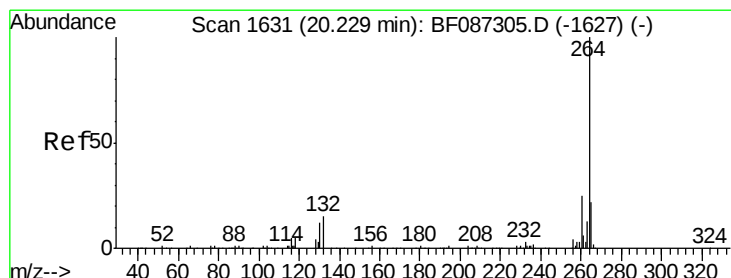
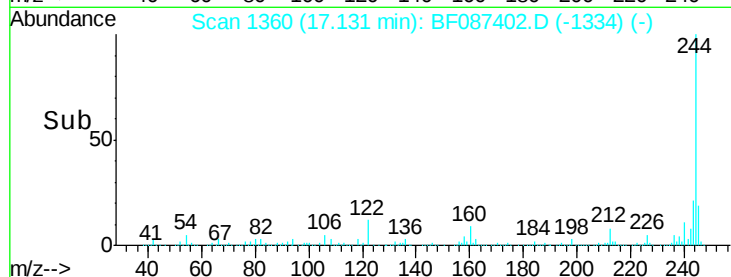
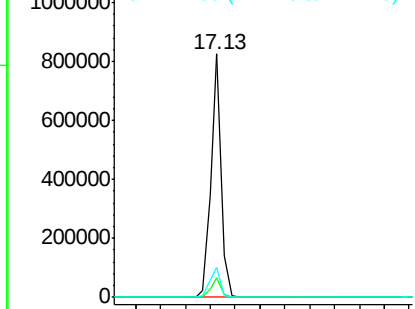
#78
 Terphenyl-d14
 Concen: 86.89 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BF087402.D
 Acq: 26 May 2016 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 927762
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 12.3 12.0 18.0

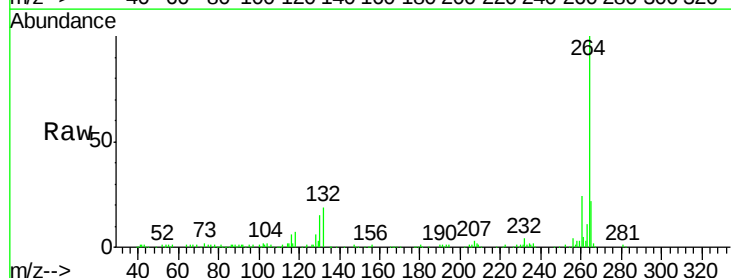


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.14 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF087402.D
 Acq: 26 May 2016 8:44

Tgt Ion:264 Resp: 154357
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.8 17.3 25.9



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

