

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050216\
 Data File : BF086631.D
 Acq On : 2 May 2016 21:47
 Operator : UM/SJ
 Sample : H2716-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-7(10-20FTBGS)

Quant Time: May 03 01:19:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

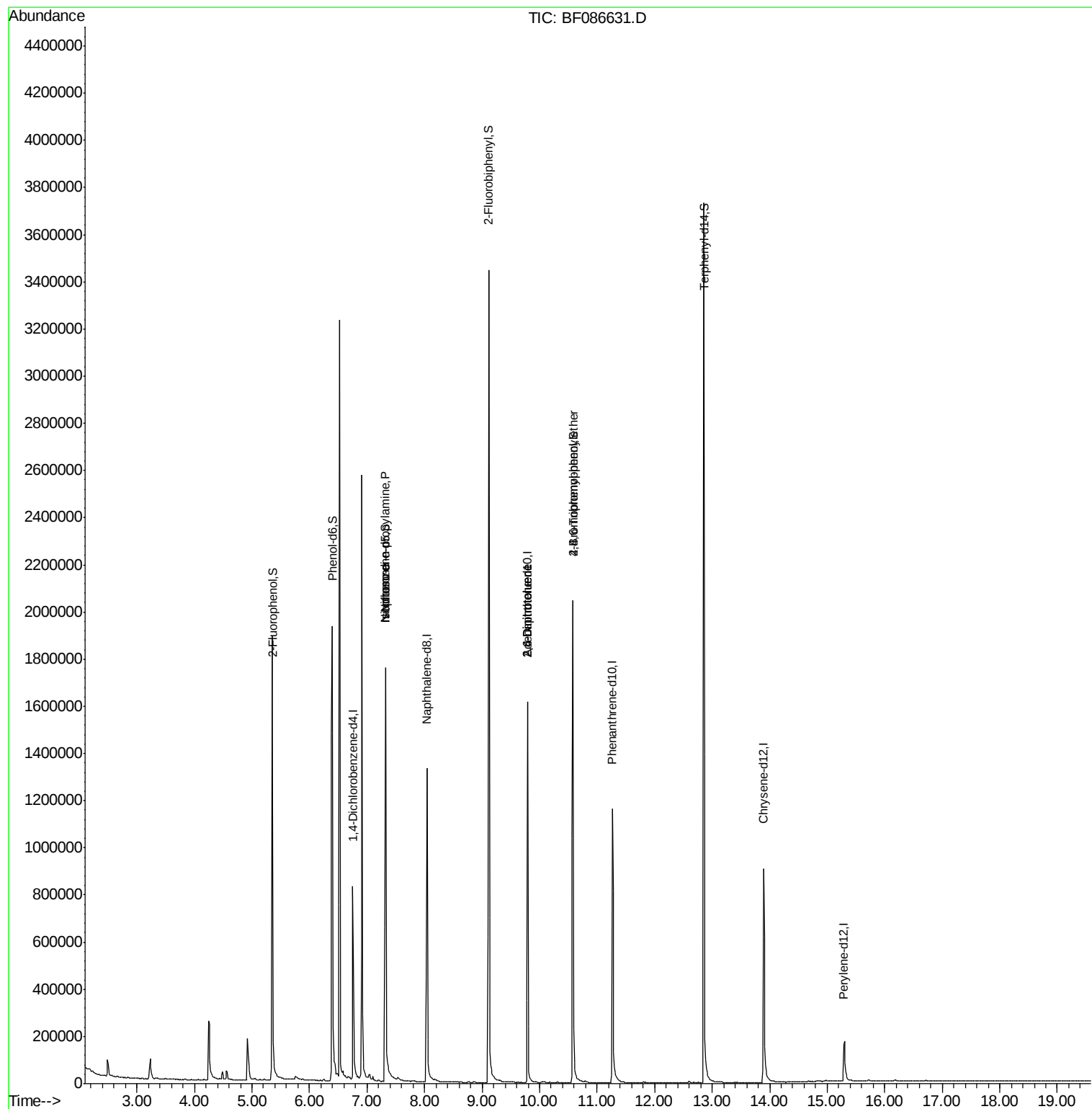
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	159773	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	717819	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	309215	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	635461	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	434390	20.00	ng	-0.07
86) Perylene-d12	15.29	264	25179	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	712274	76.90	ng	-0.03
7) Phenol-d6	6.40	99	901434	69.73	ng	-0.05
23) Nitrobenzene-d5	7.32	82	691891	51.95	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	292253	89.62	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	1162137	61.55	ng	-0.06
78) Terphenyl-d14	12.85	244	1335535	67.74	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	91920	10.76	ng	# 79
25) Isophorone	7.32	82	505496	19.72	ng	# 68
50) 2,6-Dinitrotoluene	9.79	165	38282	7.96	ng	# 21
56) 2,4-Dinitrotoluene	9.79	165	38506	6.28	ng	# 17
66) 4-Bromophenyl-phenylether	10.58	248	17290	2.64	ng	# 1

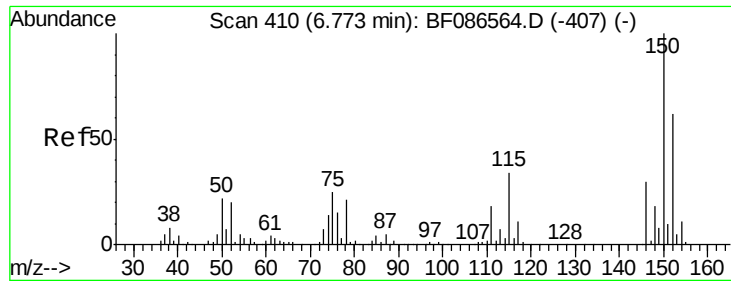
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086631.D

Acq: 2 May 2016 21:47

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-7(10-20FTBGS)

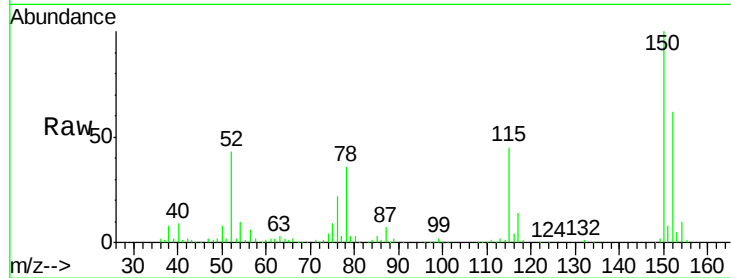
Tgt Ion:152 Resp: 159773

Ion Ratio Lower Upper

152 100

150 161.1 125.8 188.6

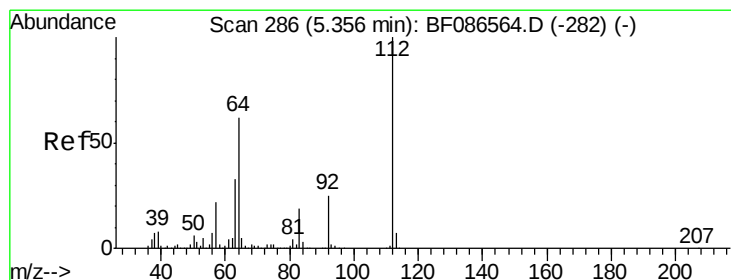
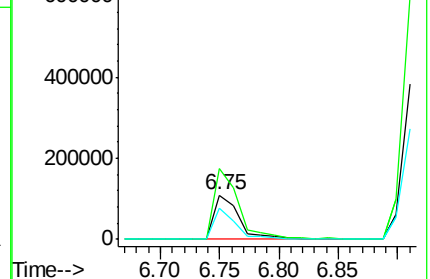
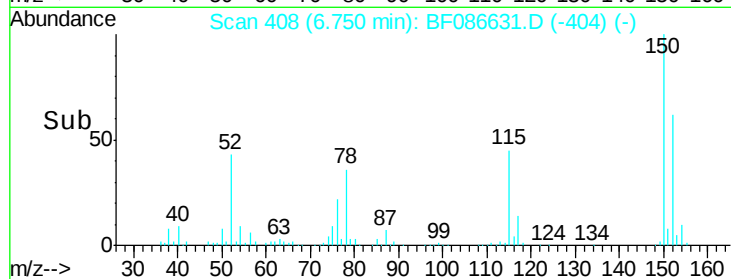
115 72.0 51.5 77.3



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: 76.90 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086631.D

Acq: 2 May 2016 21:47

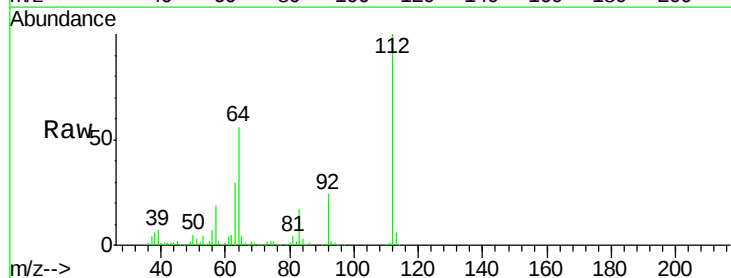
Tgt Ion:112 Resp: 712274

Ion Ratio Lower Upper

112 100

64 55.6 52.1 78.1

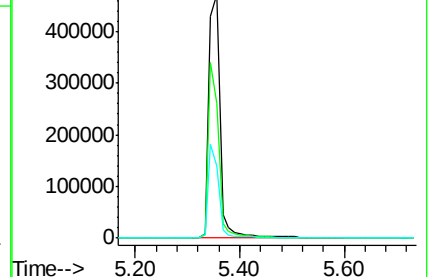
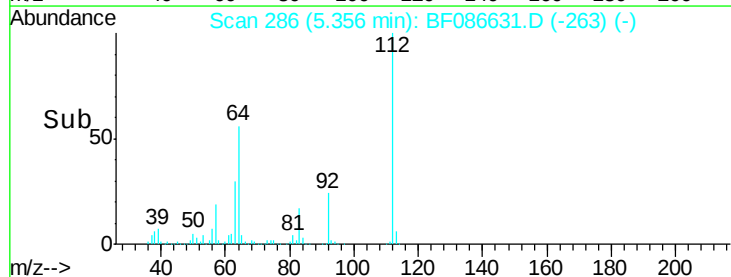
63 29.7 25.7 38.5

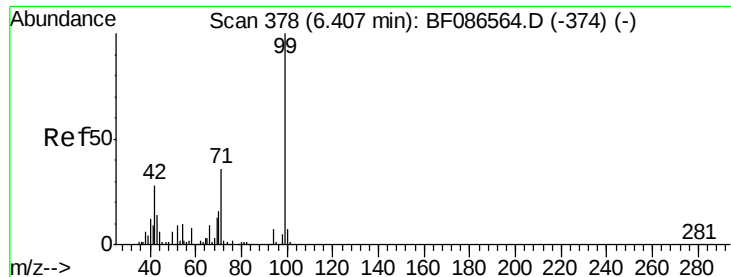


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 69.73 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF086631.D

Acq: 2 May 2016 21:47

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-7(10-20FTBGS)

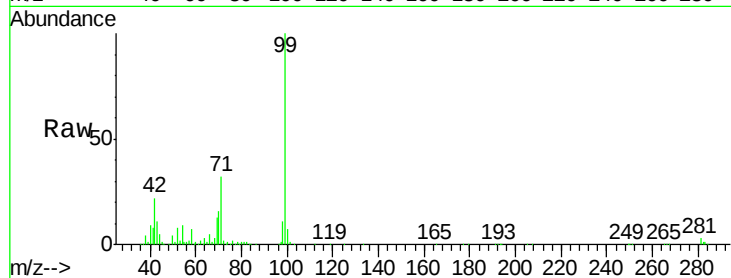
Tgt Ion: 99 Resp: 901434

Ion Ratio Lower Upper

99 100

42 21.8 13.6 20.4#

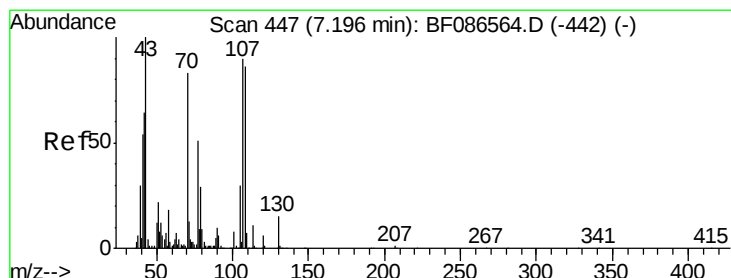
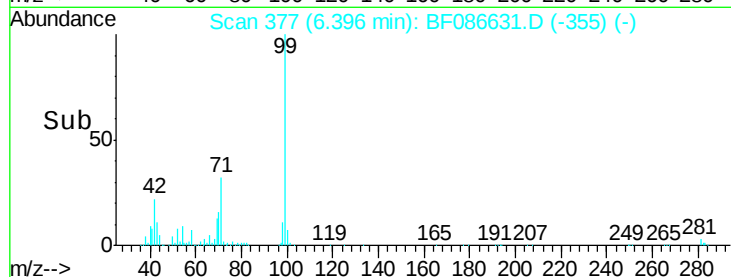
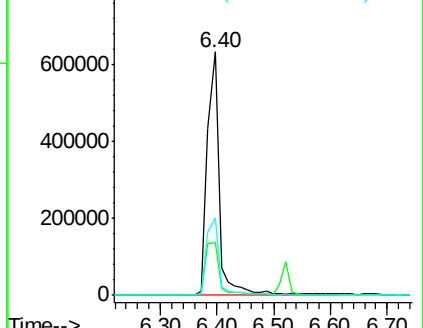
71 31.8 24.6 36.8



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: 10.76 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.09 min

Lab File: BF086631.D

Acq: 2 May 2016 21:47

Tgt Ion: 70 Resp: 91920

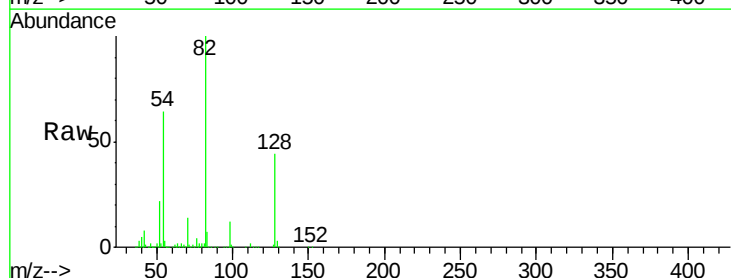
Ion Ratio Lower Upper

70 100

42 61.0 43.1 64.7

101 0.0 8.1 12.1#

130 2.2 18.6 28.0#

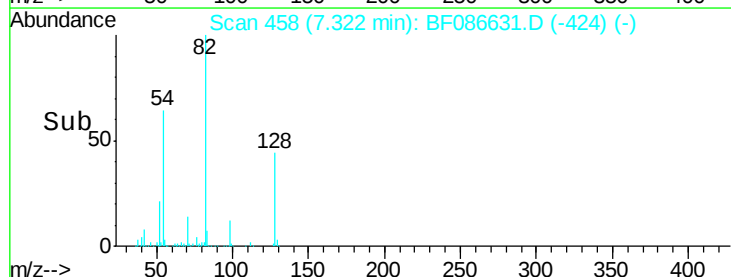
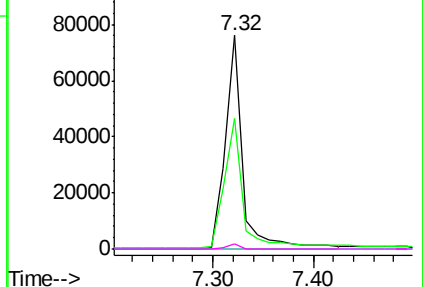


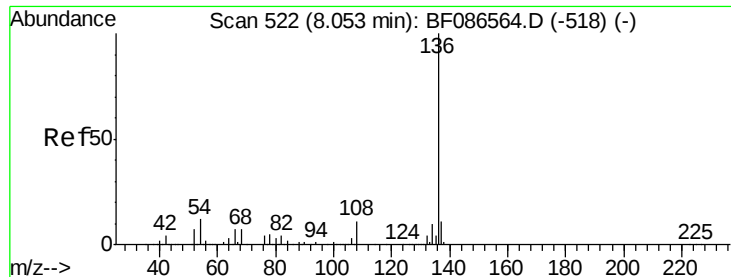
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

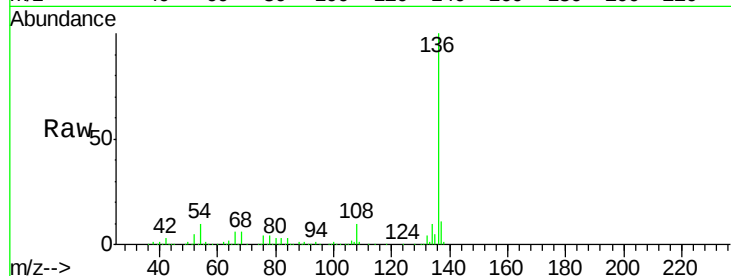




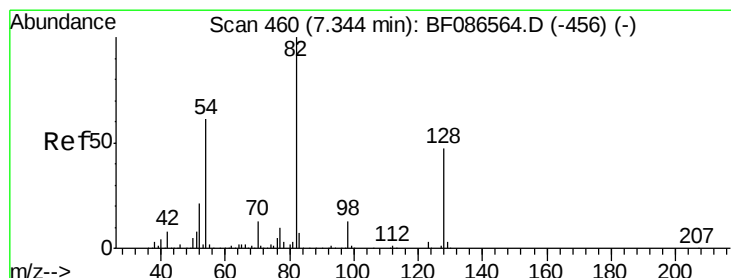
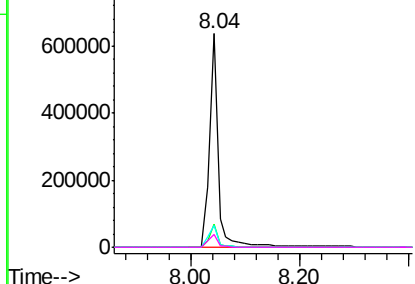
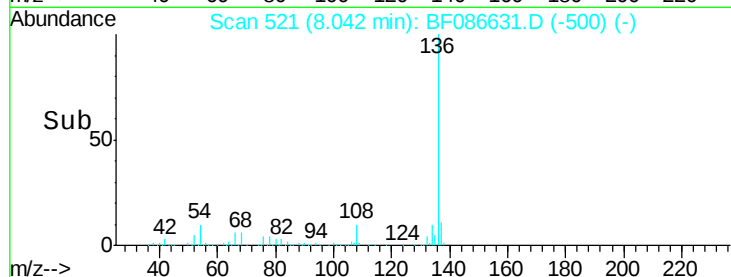
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086631.D
Acq: 2 May 2016 21:47

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-7(10-20FTBGS)

Tgt Ion:	136	Resp:	717819
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.3	5.0	7.4#
68	6.1	4.4	6.6

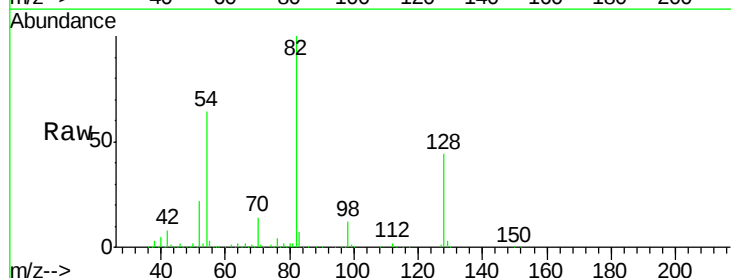


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

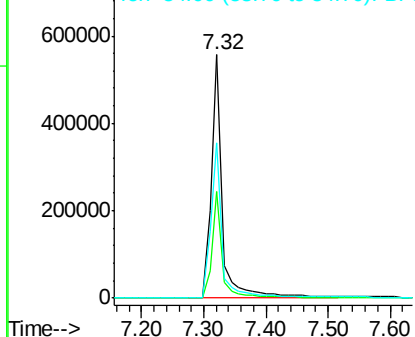
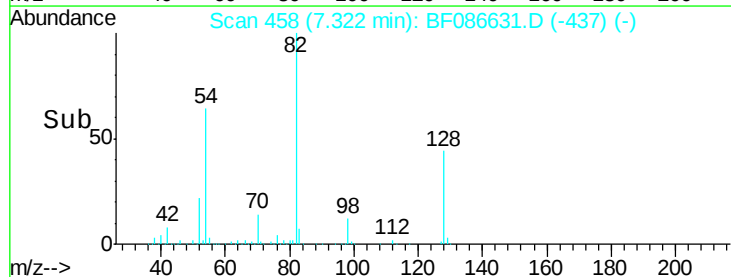


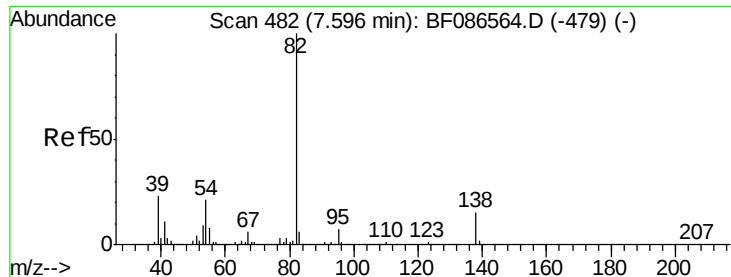
#23
Nitrobenzene-d5
Concen: 51.95 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.06 min
Lab File: BF086631.D
Acq: 2 May 2016 21:47

Tgt Ion:	82	Resp:	691891
Ion	Ratio	Lower	Upper
82	100		
128	43.9	40.6	61.0
54	64.0	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





#25

Isophorone

Concen: 19.72 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.32 min

Lab File: BF086631.D

Acq: 2 May 2016 21:47

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-7(10-20FTBGS)

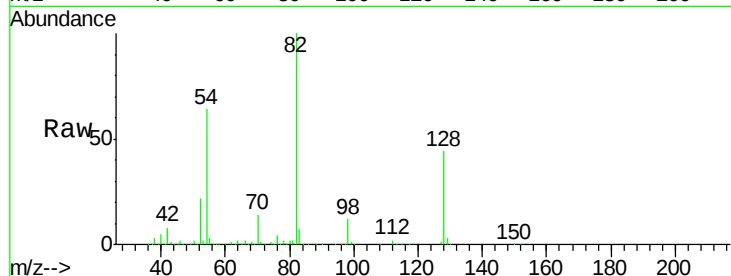
Tgt Ion: 82 Resp: 505496

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

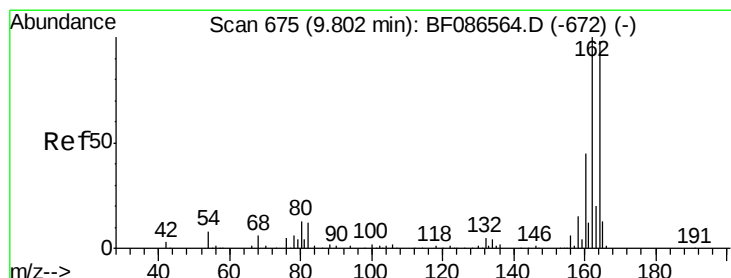
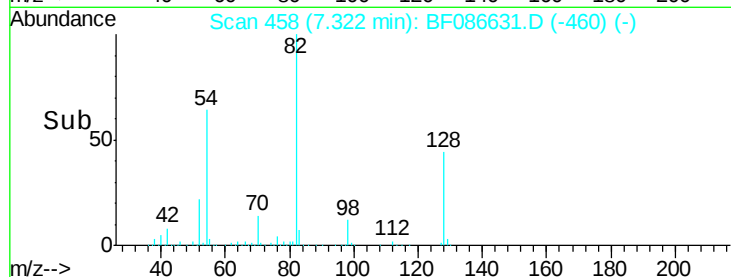
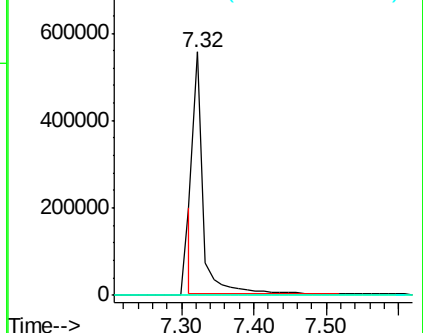
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF086631.D

Acq: 2 May 2016 21:47

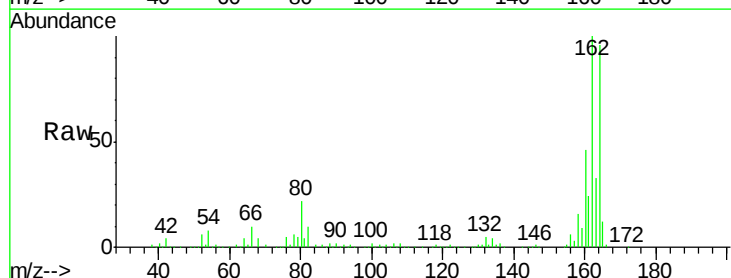
Tgt Ion: 164 Resp: 309215

Ion Ratio Lower Upper

164 100

162 104.6 82.8 124.2

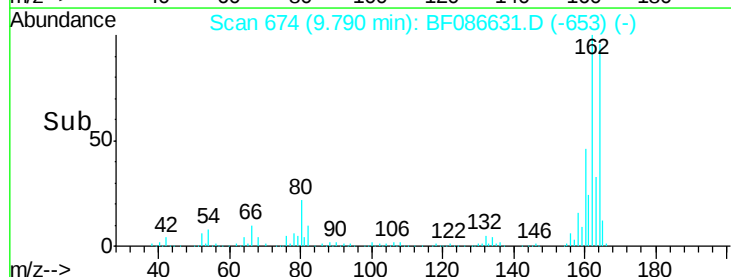
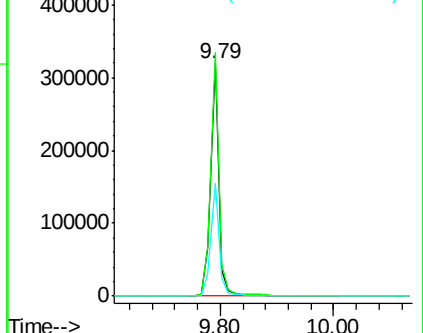
160 48.6 36.9 55.3

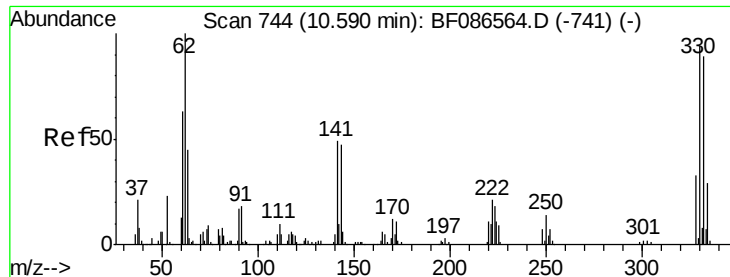


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

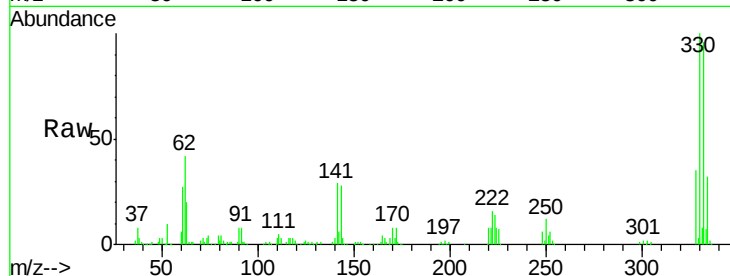




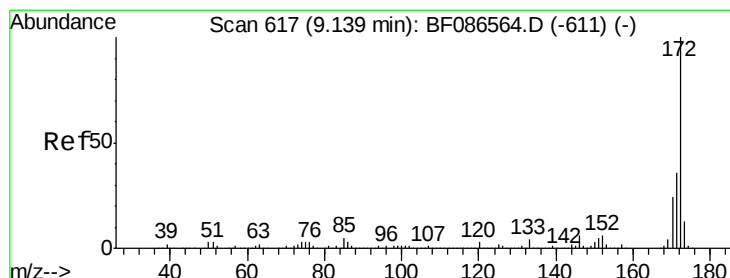
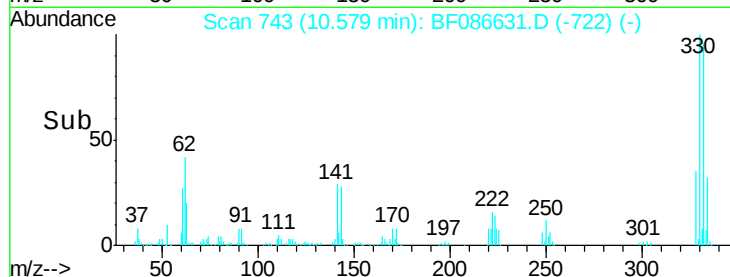
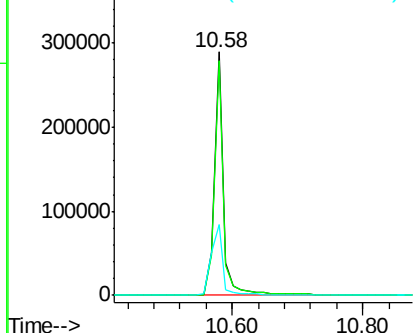
#41
 2,4,6-Tribromophenol
 Concen: 89.62 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086631.D
 Acq: 2 May 2016 21:47

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-7(10-20FTBGS)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	79.0	118.4
141	37.3	31.2	46.8

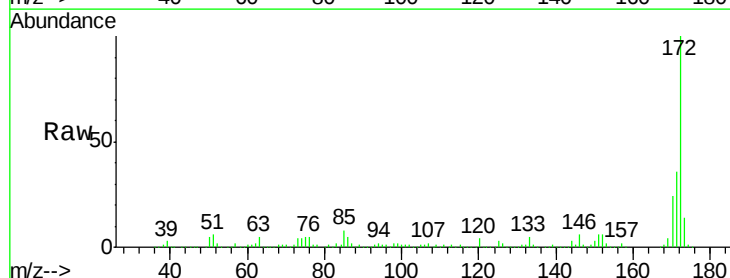


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

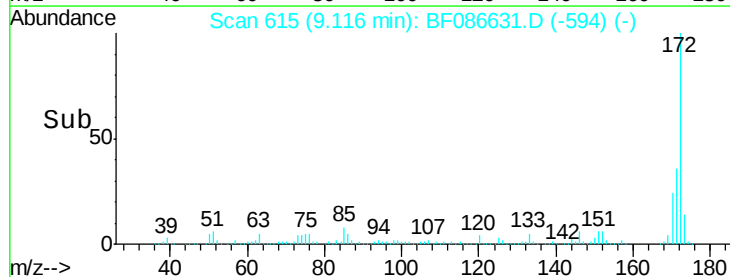
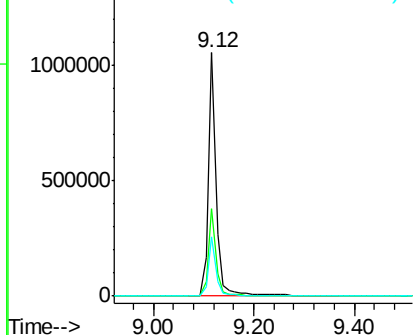


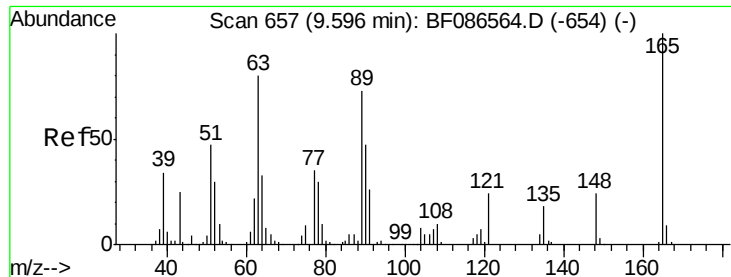
#44
 2-Fluorobiphenyl
 Concen: 61.55 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086631.D
 Acq: 2 May 2016 21:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.2	19.8	29.8



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

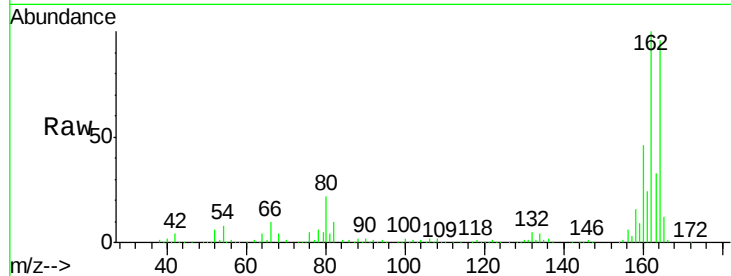




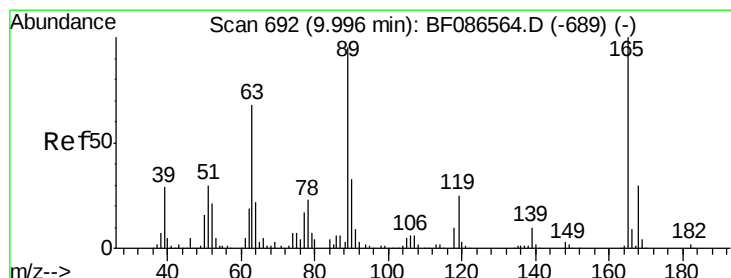
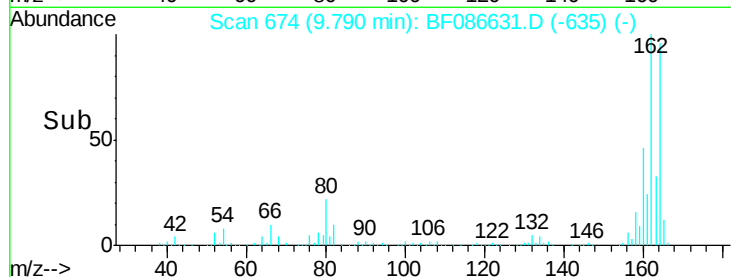
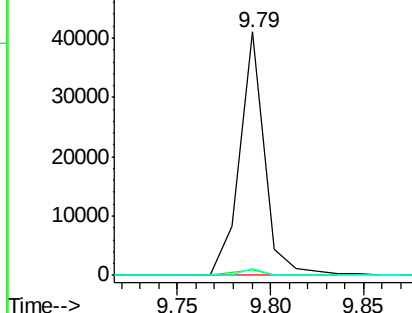
#50
 2,6-Dinitrotoluene
 Concen: 7.96 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086631.D
 Acq: 2 May 2016 21:47

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-7(10-20FTBGS)

Tgt Ion:165 Resp: 38282
 Ion Ratio Lower Upper
 165 100
 63 2.5 51.8 77.8#
 89 2.7 50.7 76.1#

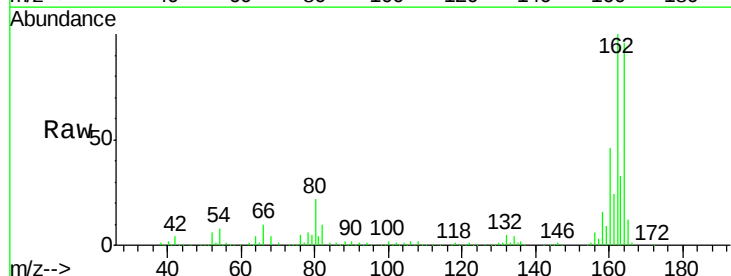


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

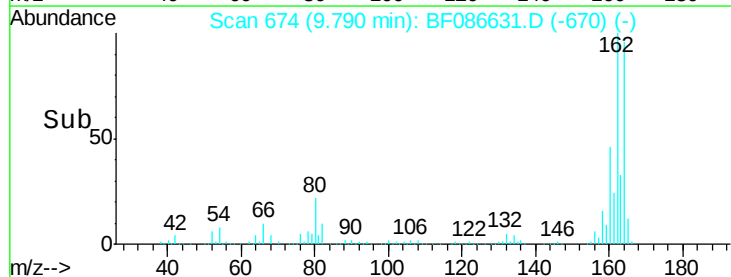
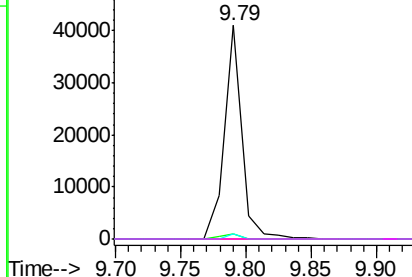


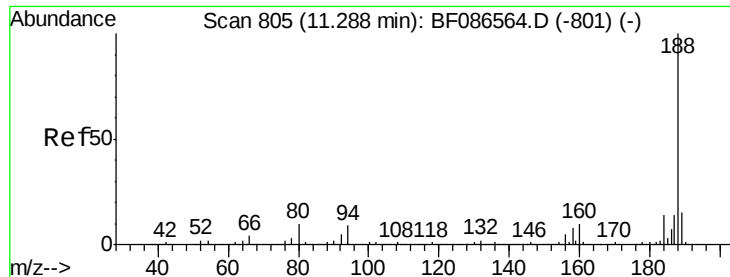
#56
 2,4-Dinitrotoluene
 Concen: 6.28 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.25 min
 Lab File: BF086631.D
 Acq: 2 May 2016 21:47

Tgt Ion:165 Resp: 38506
 Ion Ratio Lower Upper
 165 100
 63 2.5 44.3 66.5#
 89 2.7 70.0 105.0#
 182 0.0 1.8 2.6#



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

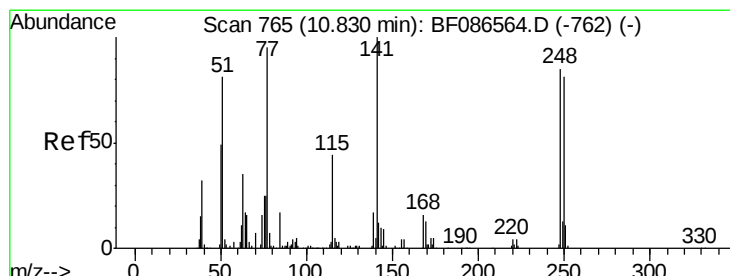
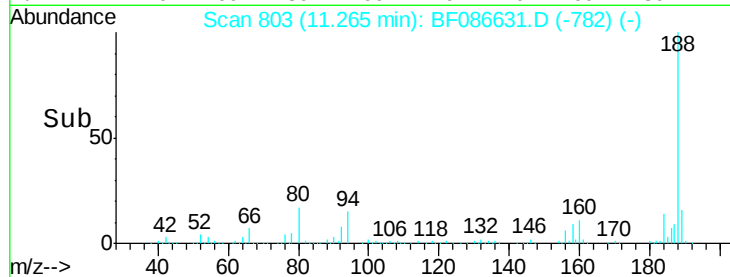
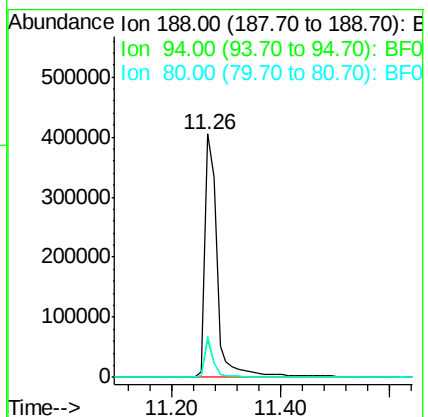
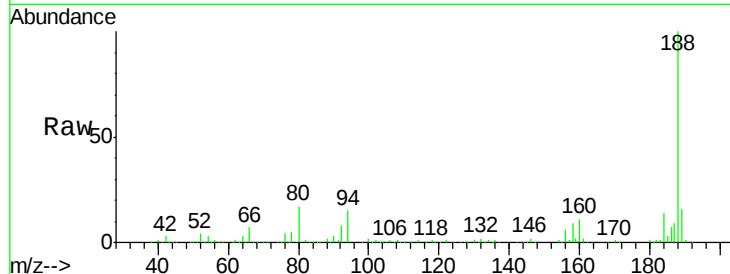




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086631.D
Acq: 2 May 2016 21:47

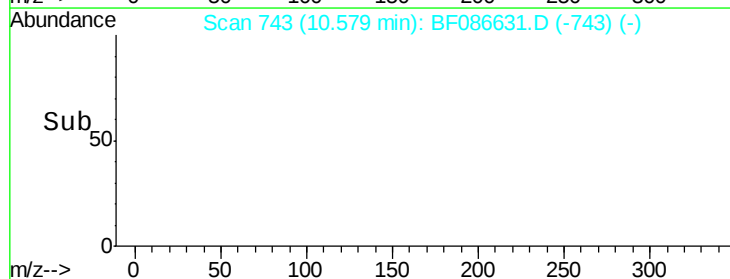
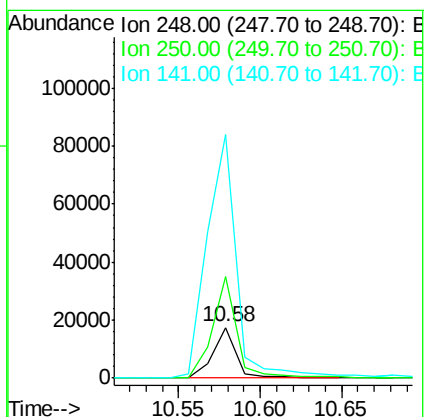
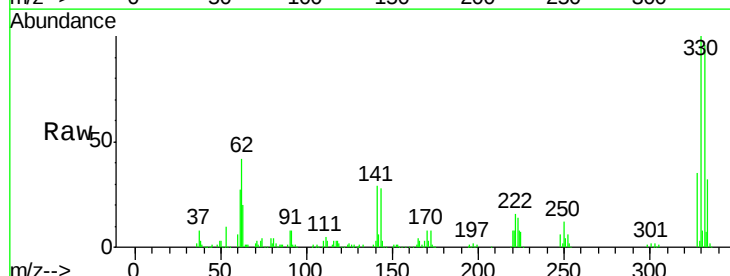
Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-7(10-20FTBGS)

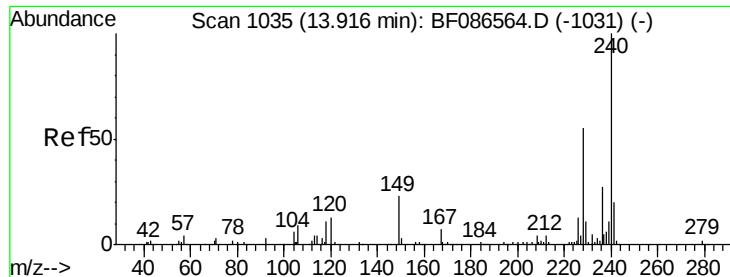
Tgt Ion:188 Resp: 635461
Ion Ratio Lower Upper
188 100
94 15.2 6.8 10.2#
80 16.8 7.1 10.7#



#66
4-Bromophenyl-phenylether
Concen: 2.64 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.30 min
Lab File: BF086631.D
Acq: 2 May 2016 21:47

Tgt Ion:248 Resp: 17290
Ion Ratio Lower Upper
248 100
250 201.2 78.6 117.8#
141 482.8 76.0 114.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086631.D

Acq: 2 May 2016 21:47

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-7(10-20FTBGS)

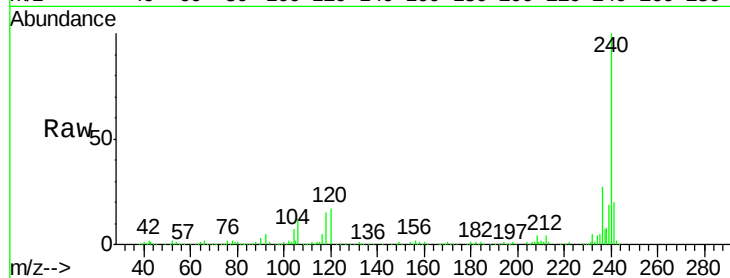
Tgt Ion:240 Resp: 434390

Ion Ratio Lower Upper

240 100

120 16.6 11.2 16.8

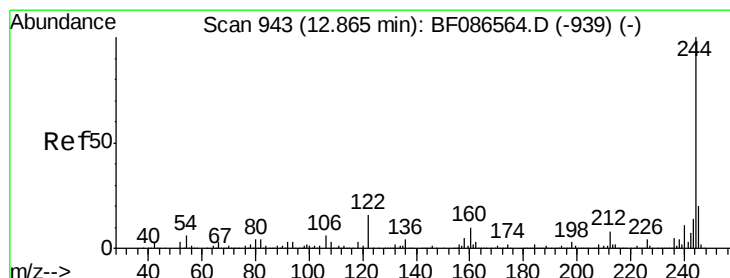
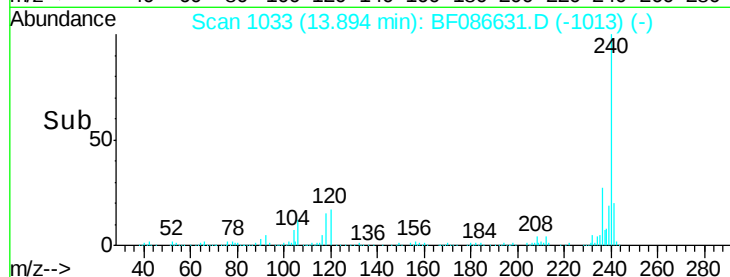
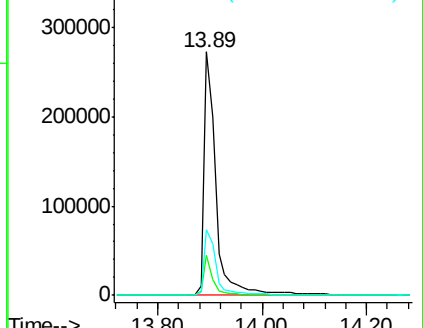
236 27.2 21.2 31.8



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: 67.74 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086631.D

Acq: 2 May 2016 21:47

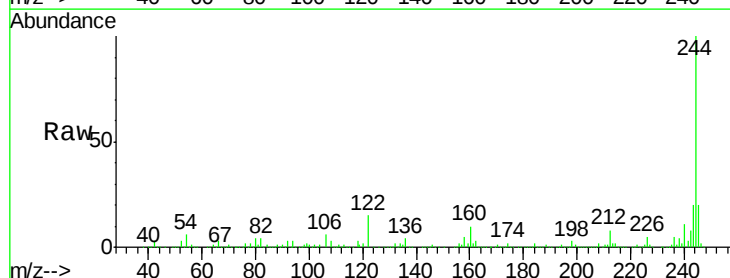
Tgt Ion:244 Resp: 1335535

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

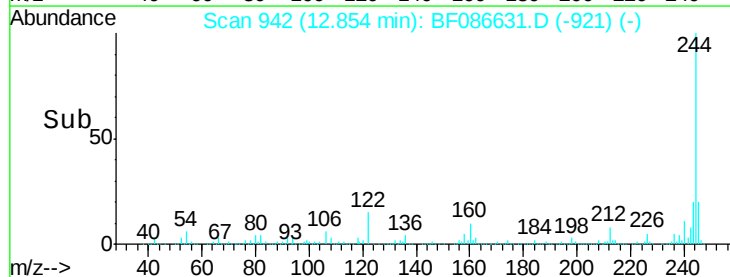
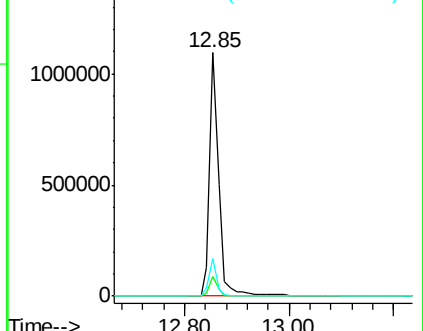
122 15.4 12.0 18.0

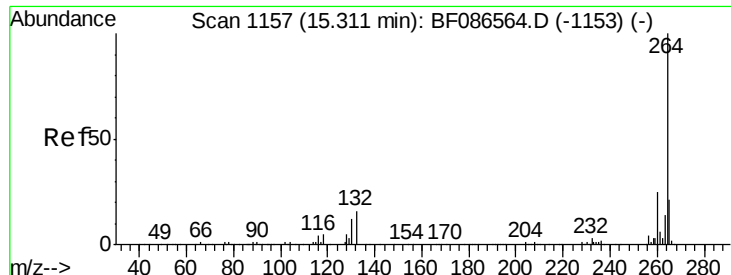


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

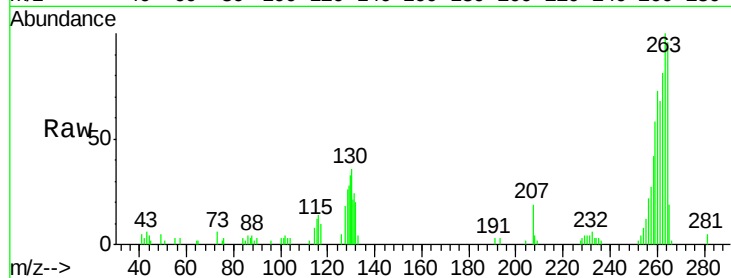




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086631.D
Acq: 2 May 2016 21:47

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-7(10-20FTBGS)

Tgt Ion: 264 Resp: 25179
Ion Ratio Lower Upper
264 100
260 76.2 19.5 29.3#
265 19.4 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

