

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050316\
 Data File : BF086664.D
 Acq On : 4 May 2016 1:51
 Operator : UM/SJ
 Sample : H2716-17RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-3(0-10FTBGS)

Quant Time: May 04 02:35:13 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

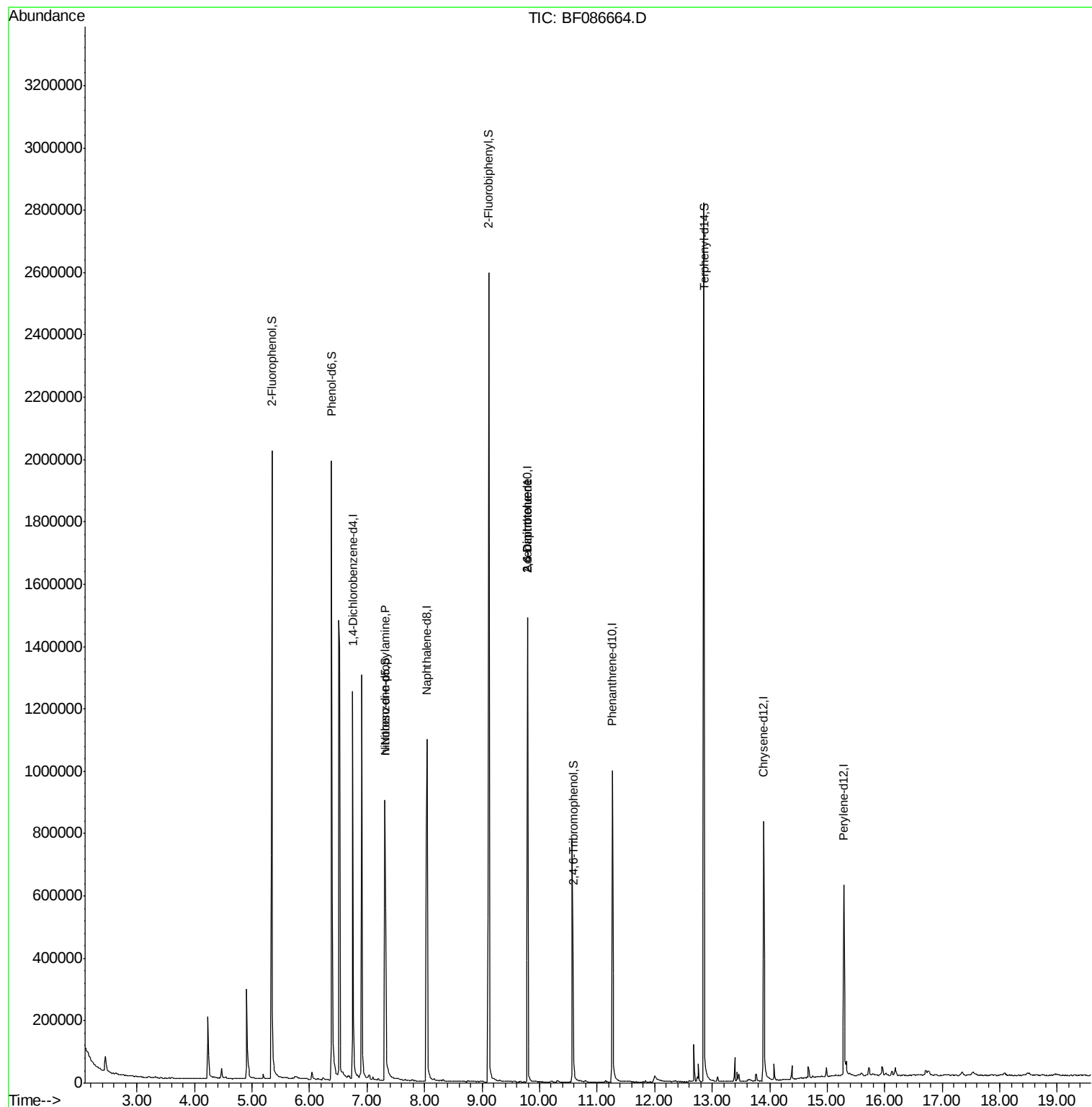
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	176487	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	679598	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	289507	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	424349	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	368562	20.00	ng	-0.07
86) Perylene-d12	15.29	264	288031	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	556575	54.40	ng	-0.04
7) Phenol-d6	6.38	99	679973	47.62	ng	-0.06
23) Nitrobenzene-d5	7.31	82	403134	31.97	ng	-0.07
41) 2,4,6-Tribromophenol	10.58	330	112727	36.92	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	771994	40.06	ng	-0.06
78) Terphenyl-d14	12.85	244	888337	53.10	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	52479	5.56	ng	# 68
50) 2,6-Dinitrotoluene	9.79	165	36027	8.00	ng	# 20
56) 2,4-Dinitrotoluene	9.79	165	36022	6.28	ng	# 16

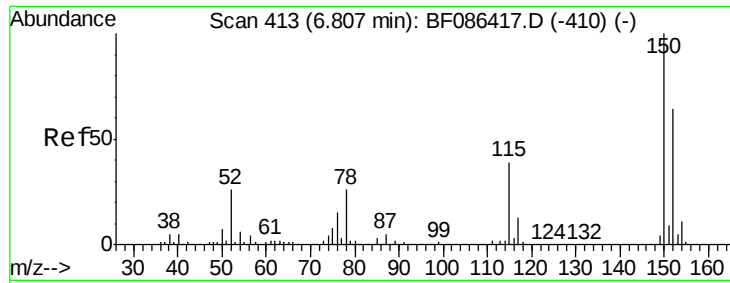
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 27 14:20:52 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF086664.D

Acq: 4 May 2016 1:51

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-3(0-10FTBGS)

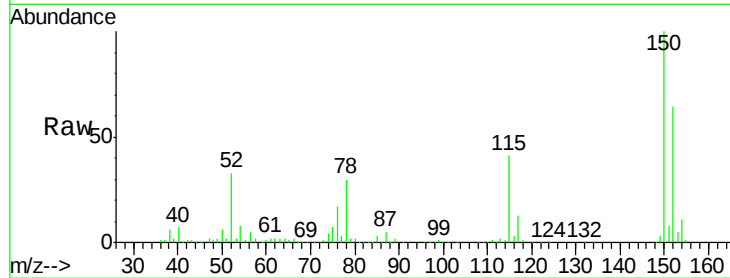
Tgt Ion:152 Resp: 176487

Ion Ratio Lower Upper

152 100

150 157.2 125.8 188.6

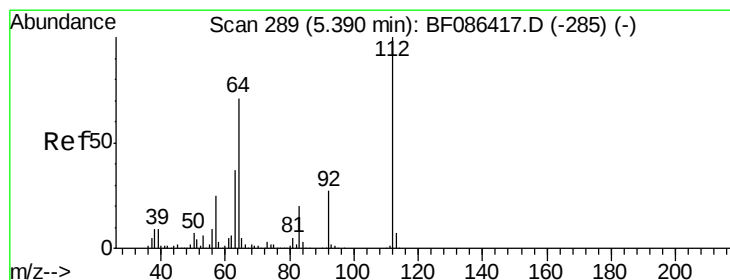
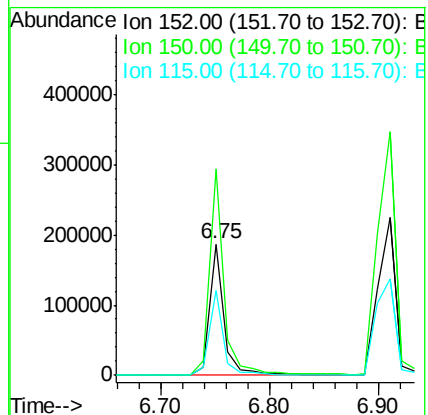
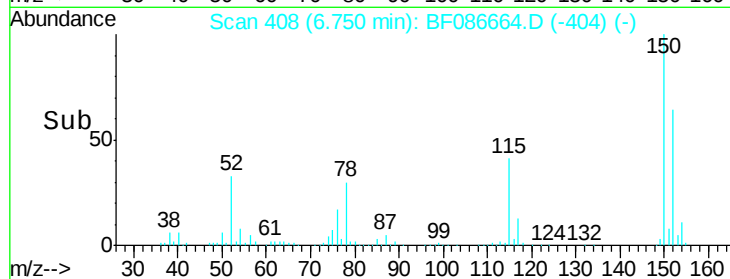
115 64.6 51.5 77.3



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: 54.40 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.04 min

Lab File: BF086664.D

Acq: 4 May 2016 1:51

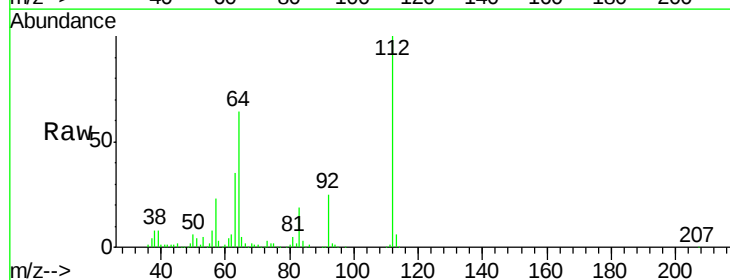
Tgt Ion:112 Resp: 556575

Ion Ratio Lower Upper

112 100

64 64.1 52.1 78.1

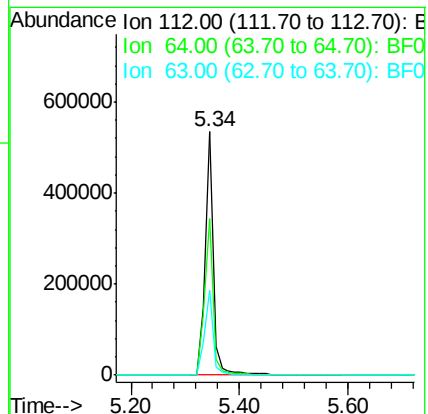
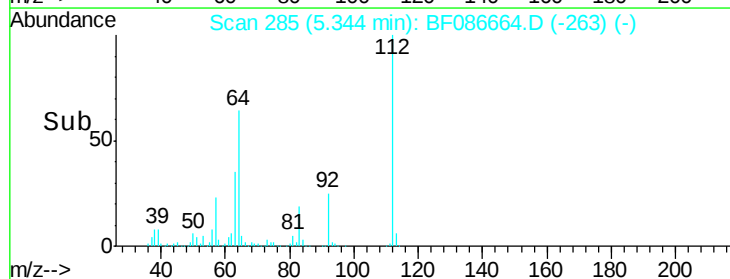
63 34.9 25.7 38.5

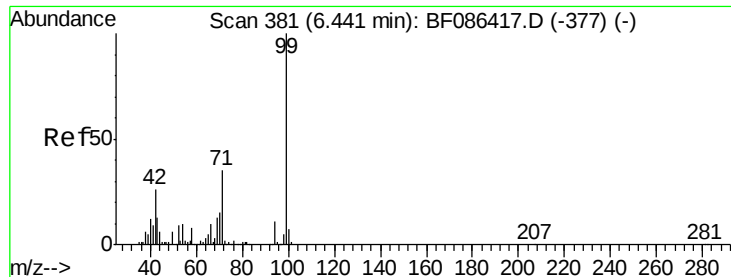


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 47.62 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF086664.D

Acq: 4 May 2016 1:51

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-3(0-10FTBGS)

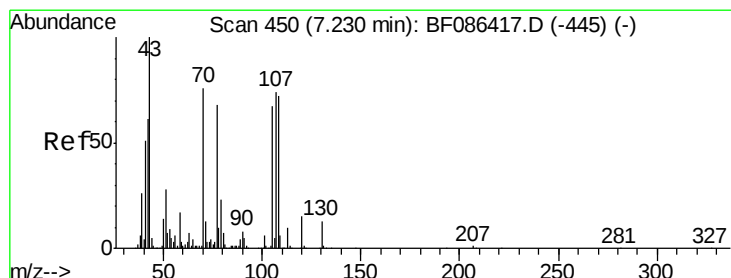
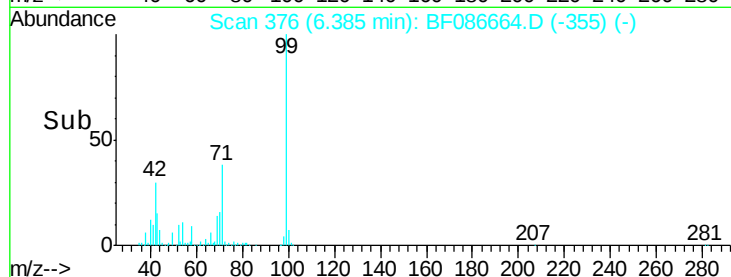
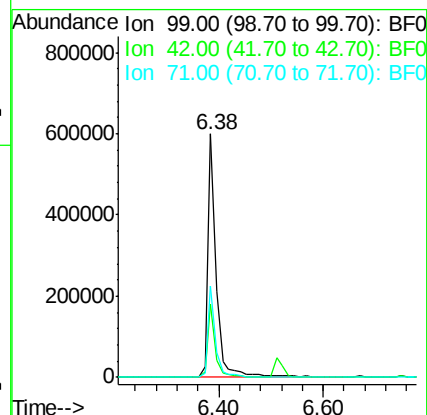
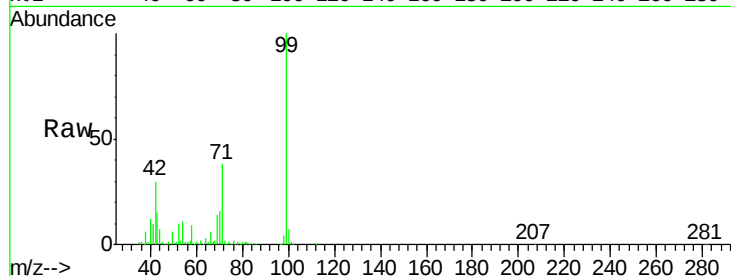
Tgt Ion: 99 Resp: 679973

Ion Ratio Lower Upper

99 100

42 30.3 13.6 20.4#

71 37.6 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 5.56 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.08 min

Lab File: BF086664.D

Acq: 4 May 2016 1:51

Tgt Ion: 70 Resp: 52479

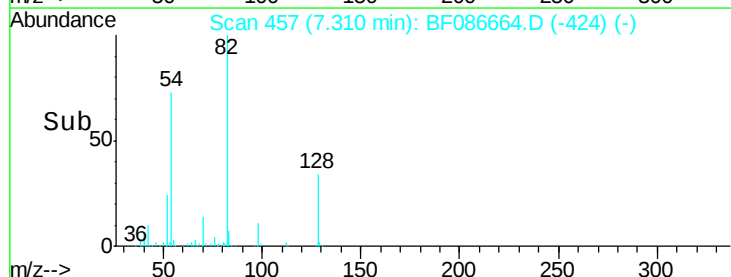
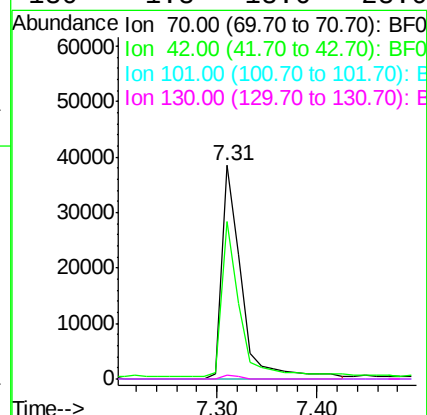
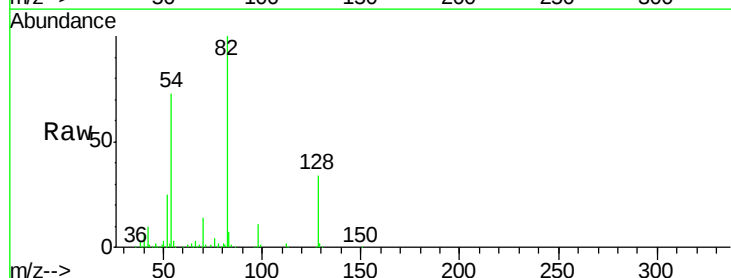
Ion Ratio Lower Upper

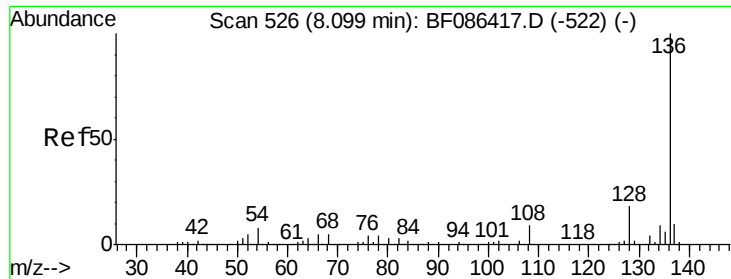
70 100

42 73.9 43.1 64.7#

101 0.0 8.1 12.1#

130 1.8 18.6 28.0#

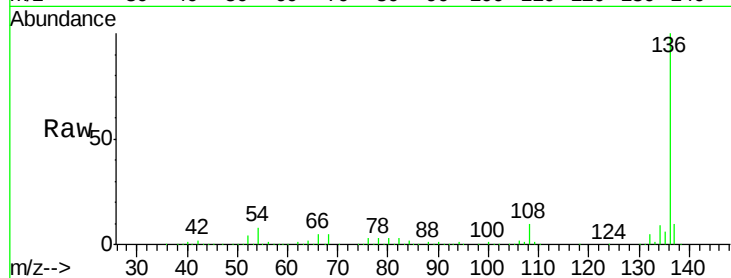




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF086664.D
Acq: 4 May 2016 1:51

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.4	5.0	7.4#
68	5.2	4.4	6.6



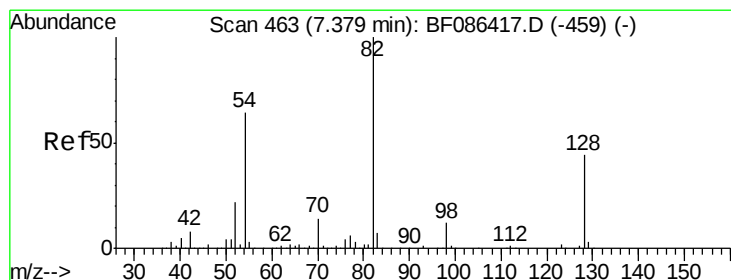
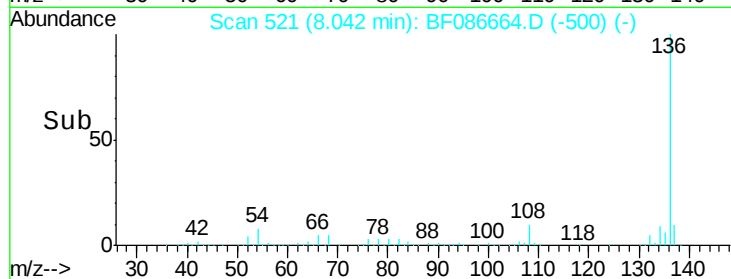
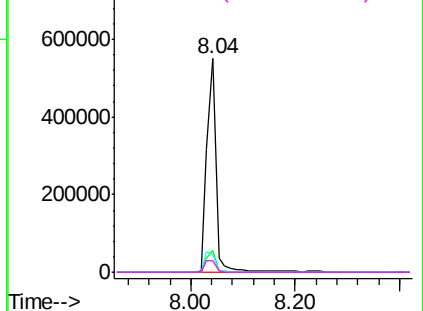
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

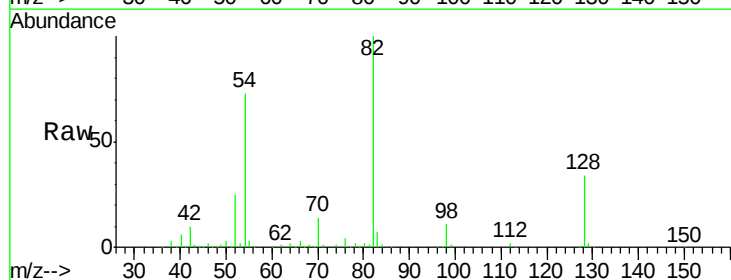
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 31.97 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.07 min
Lab File: BF086664.D
Acq: 4 May 2016 1:51

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	40.6	61.0#
54	73.4	38.1	57.1#

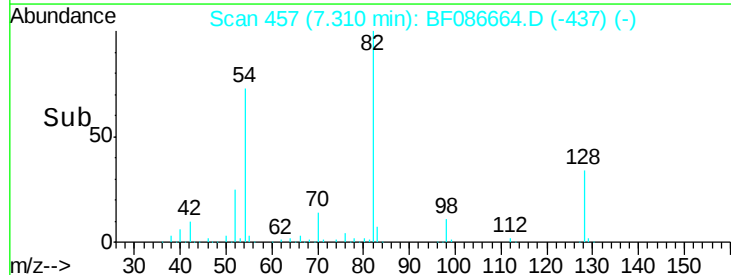
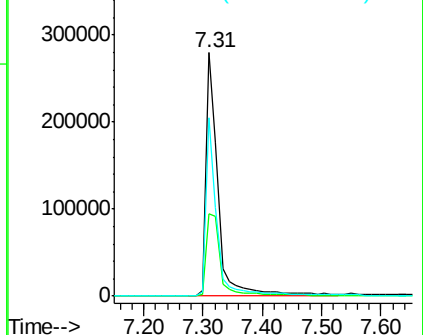


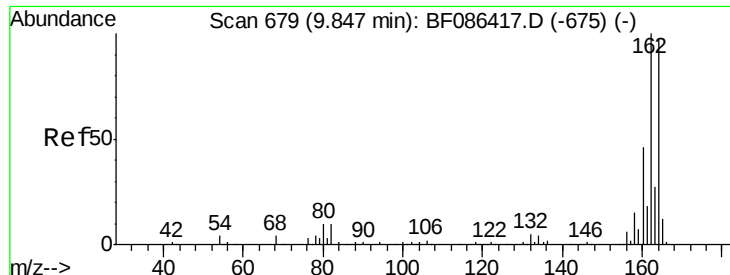
Abundance

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

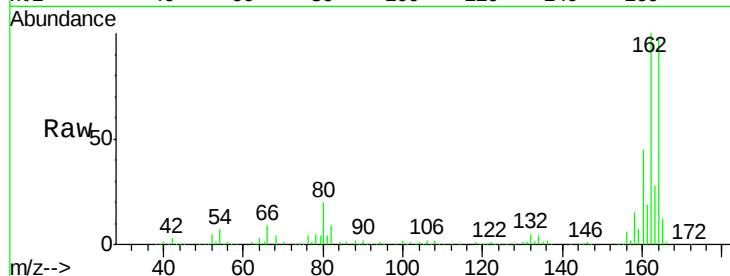




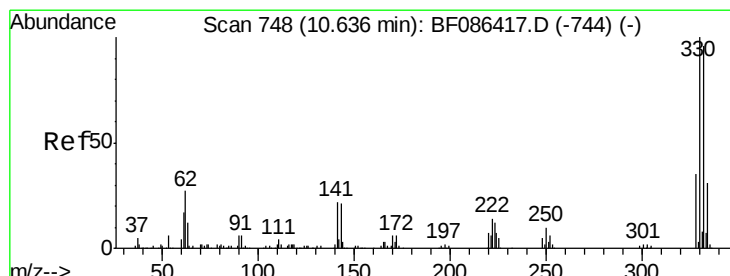
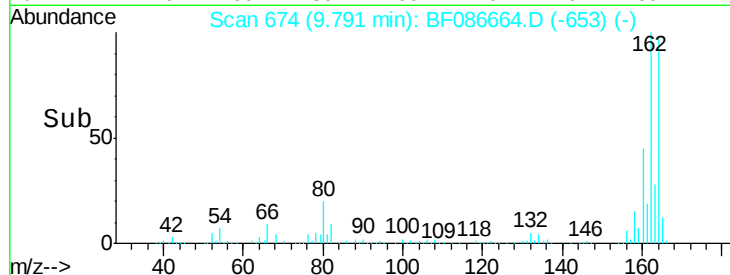
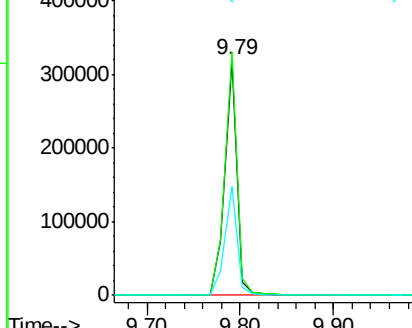
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.06 min
 Lab File: BF086664.D
 Acq: 4 May 2016 1:51

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2-CS-3(0-10FTBGS)

Tgt Ion:164 Resp: 289507
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.8 124.2
 160 46.3 36.9 55.3

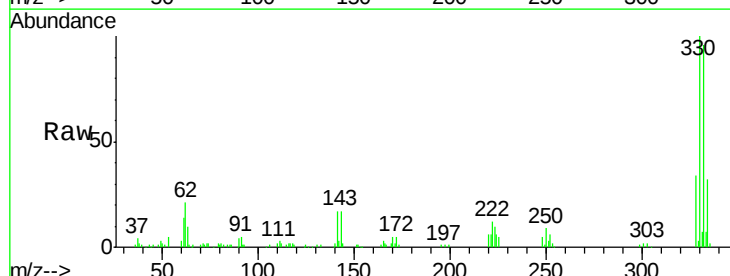


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

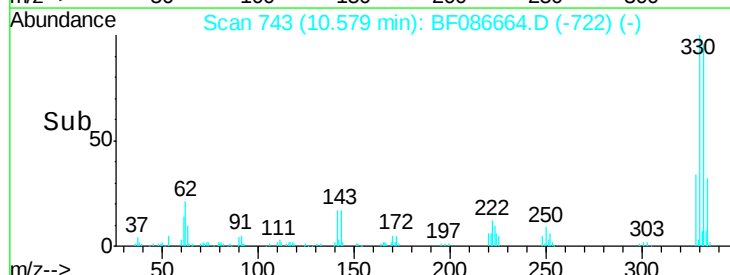
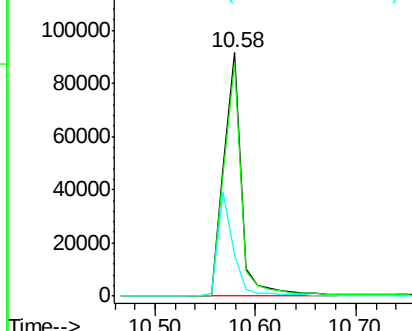


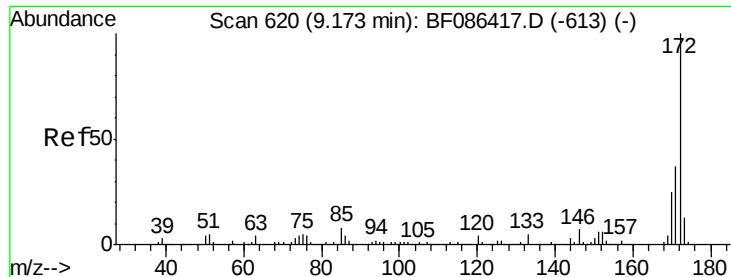
#41
 2,4,6-Tribromophenol
 Concen: 36.92 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF086664.D
 Acq: 4 May 2016 1:51

Tgt Ion:330 Resp: 112727
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 38.0 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

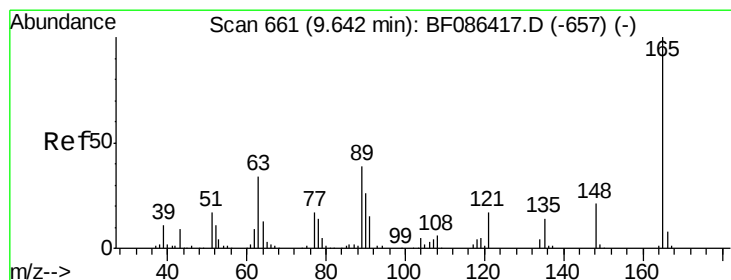
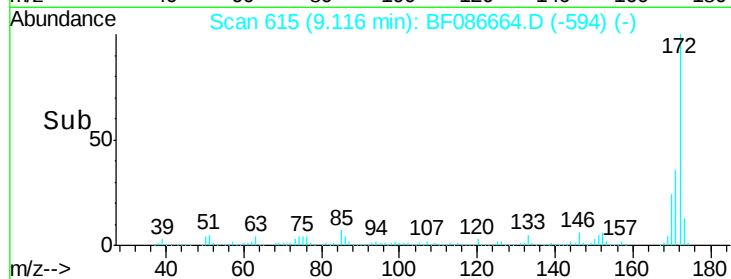
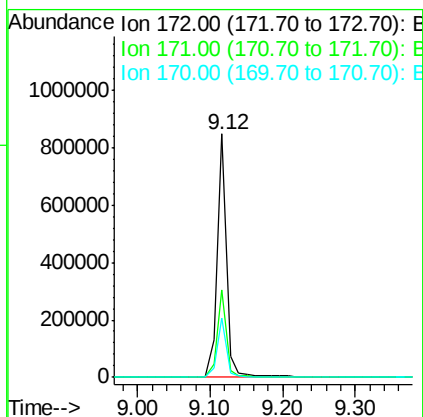
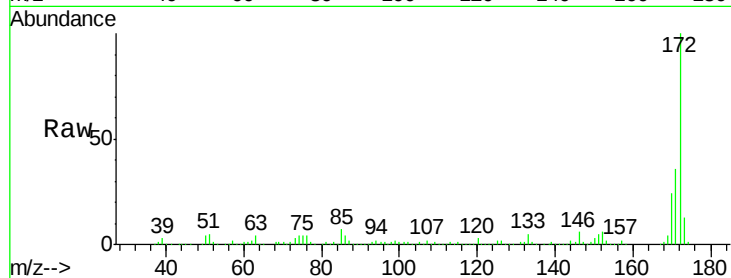




#44
 2-Fluorobiphenyl
 Concen: 40.06 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF086664.D
 Acq: 4 May 2016 1:51

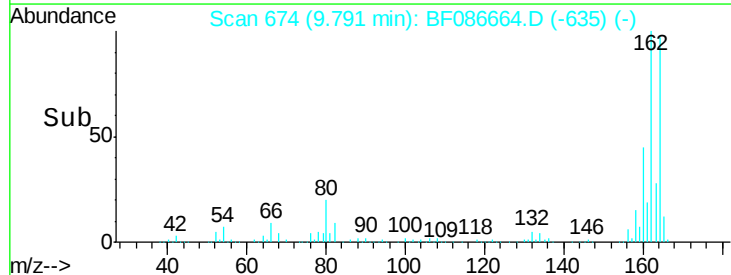
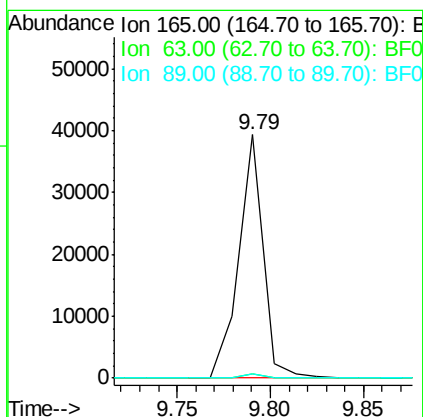
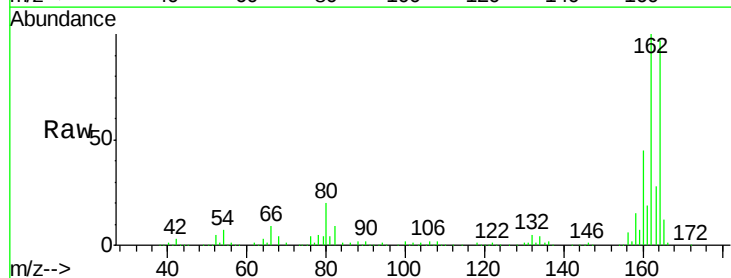
Instrument :
 BNA_F
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 26WARD-2-CS-3(0-10FTBGS)

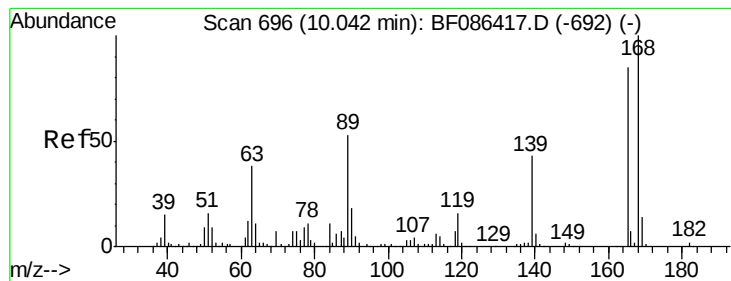
Tgt Ion:172 Resp: 771994
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.2 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. 0.15 min
 Lab File: BF086664.D
 Acq: 4 May 2016 1:51

Tgt Ion:165 Resp: 36027
 Ion Ratio Lower Upper
 165 100
 63 1.8 51.8 77.8#
 89 1.8 50.7 76.1#





#56

2,4-Dinitrotoluene

Concen: 6.28 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.25 min

Lab File: BF086664.D

Acq: 4 May 2016 1:51

Instrument :

BNA_F

ClientSampleId :

26WARD-2-CS-3(0-10FTBGS)

Tgt Ion:165 Resp: 36022

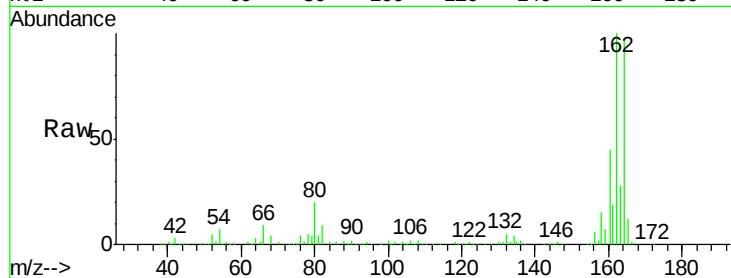
Ion Ratio Lower Upper

165 100

63 1.8 44.3 66.5#

89 1.8 70.0 105.0#

182 0.0 1.8 2.6#

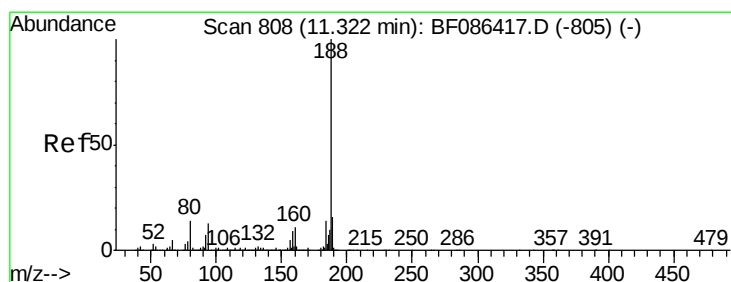
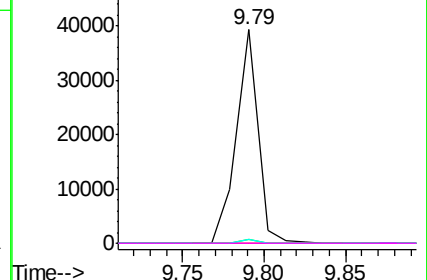
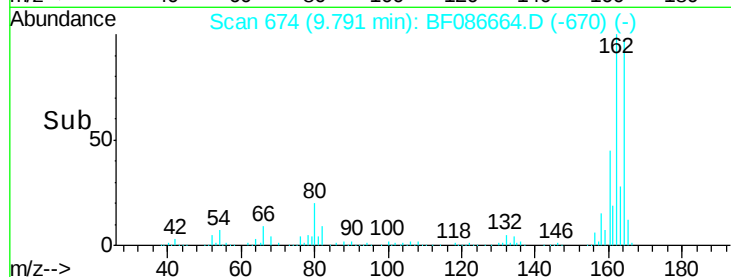


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF086664.D

Acq: 4 May 2016 1:51

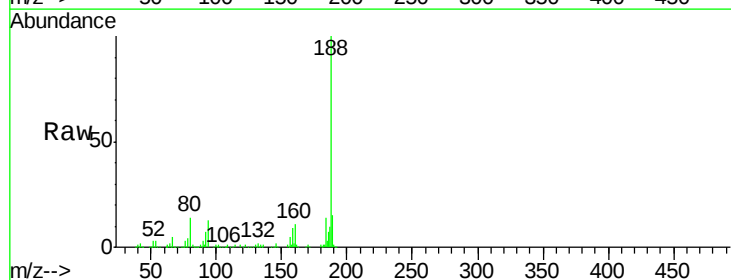
Tgt Ion:188 Resp: 424349

Ion Ratio Lower Upper

188 100

94 12.9 6.8 10.2#

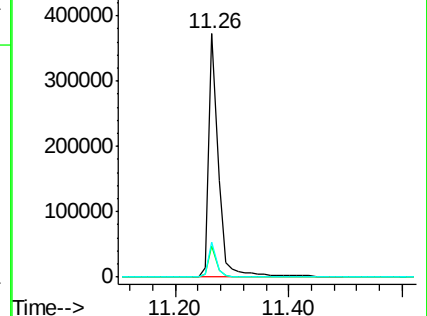
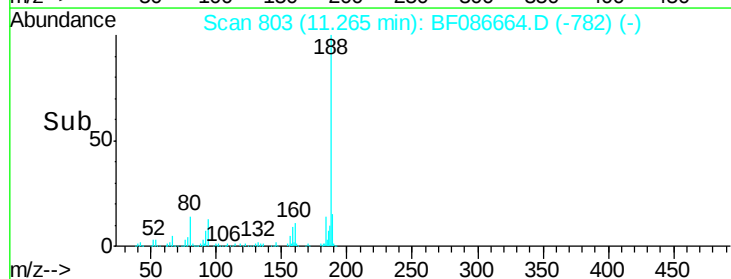
80 14.1 7.1 10.7#

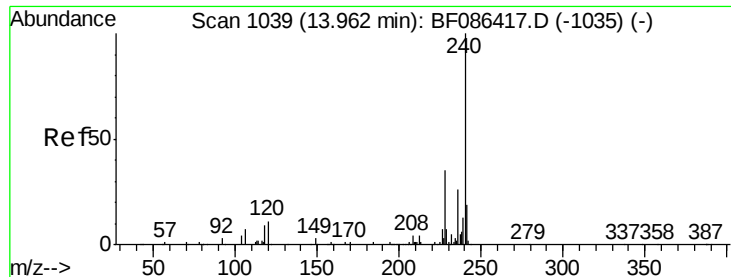


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF086664.D

Acq: 4 May 2016 1:51

Instrument :

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26WARD-2-CS-3(0-10FTBGS)

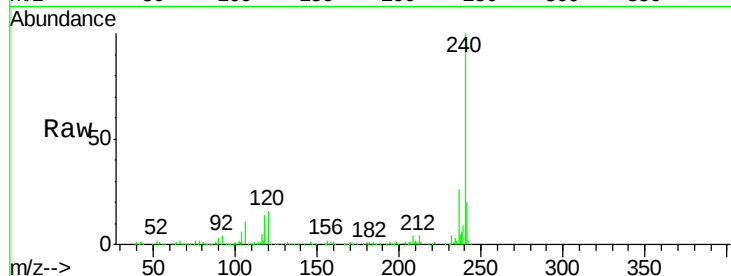
Tgt Ion:240 Resp: 368562

Ion Ratio Lower Upper

240 100

120 16.0 11.2 16.8

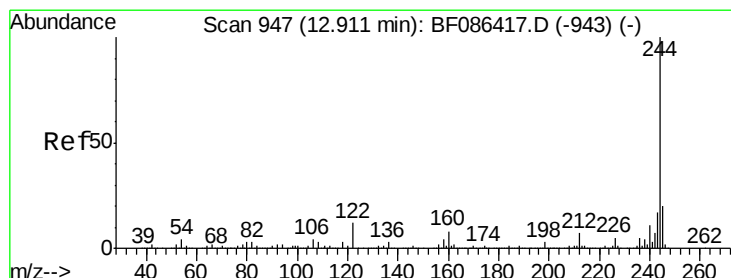
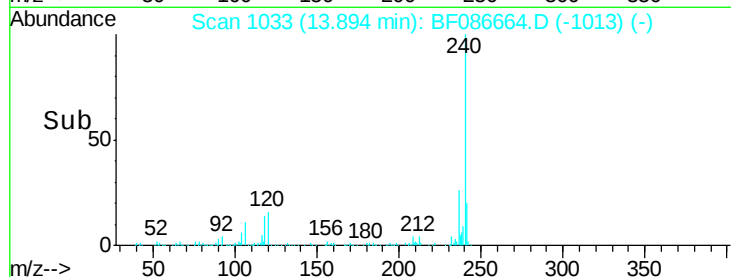
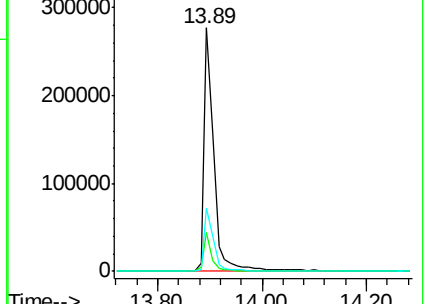
236 26.2 21.2 31.8



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: 53.10 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.06 min

Lab File: BF086664.D

Acq: 4 May 2016 1:51

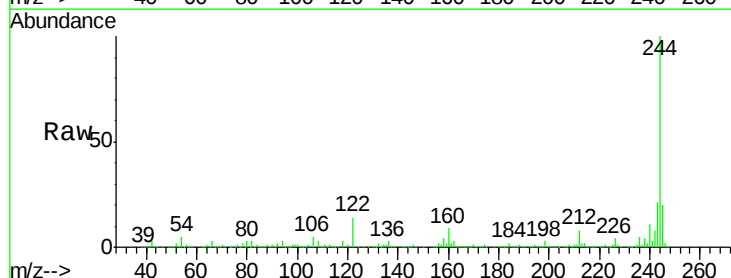
Tgt Ion:244 Resp: 888337

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

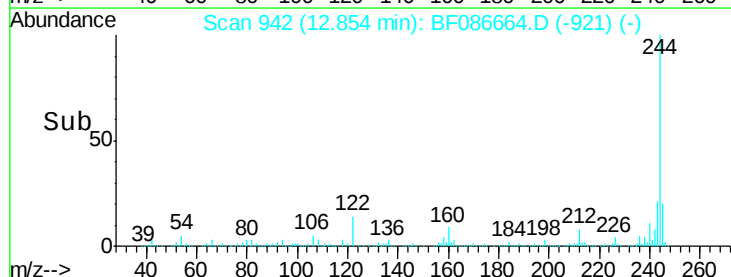
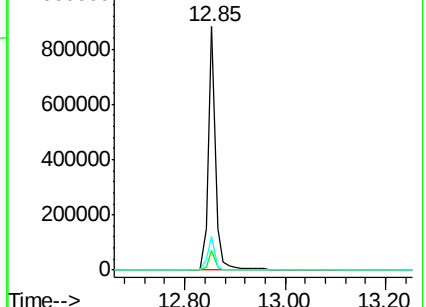
122 13.6 12.0 18.0

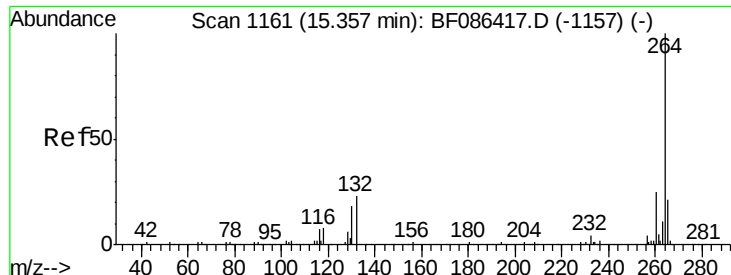


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

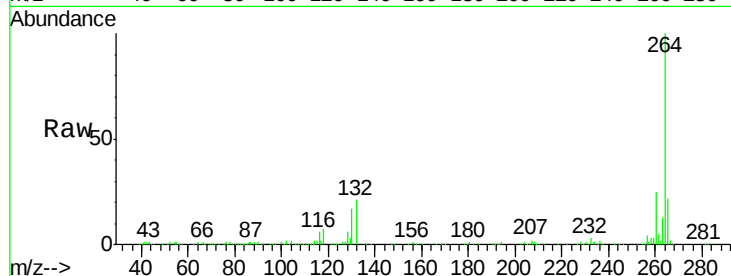




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.07 min
Lab File: BF086664.D
Acq: 4 May 2016 1:51

Instrument :
BNA_F
ClientSampleId :
26WARD-2-CS-3(0-10FTBGS)

Tgt Ion: 264 Resp: 288031
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 22.2 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

