

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086572.D
 Acq On : 1 May 2016 16:04
 Operator : UM/SJ
 Sample : H2683-08
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-7(0-6FTBGS)

Quant Time: May 02 04:16:12 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	6.76	152	142110	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	612147	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	302938	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	549144	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	383246	20.00	ng	-0.06
86) Perylene-d12	15.30	264	334190	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1042560	126.54	ng	-0.02
7) Phenol-d6	6.41	99	1248982	108.62	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1022881	90.07	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	397609	124.46	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1531647	89.49	ng	-0.05
78) Terphenyl-d14	12.87	244	1544376	88.78	ng	-0.05

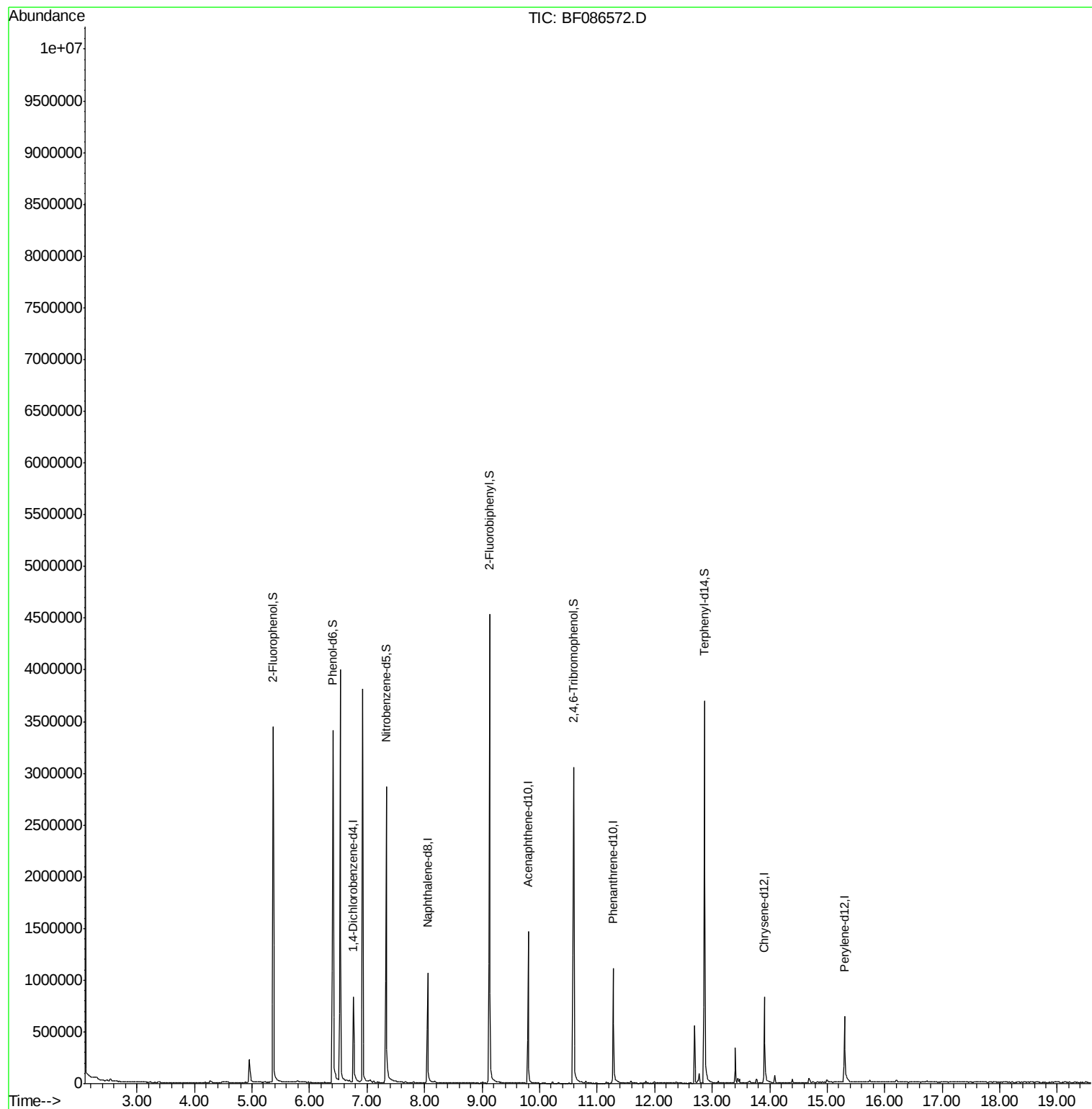
Target Compounds	Qvalue
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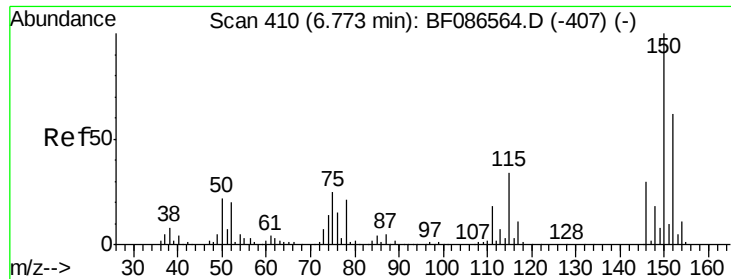
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086572.D

Acq: 1 May 2016 16:04

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-7(0-6FTBGS)

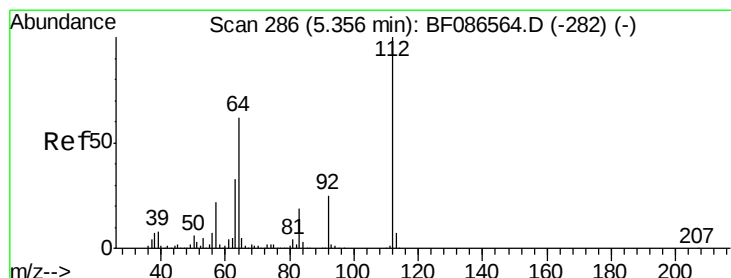
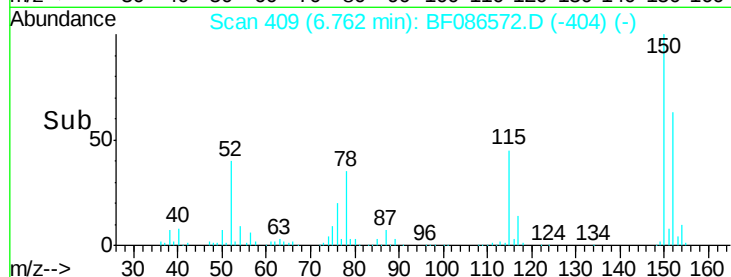
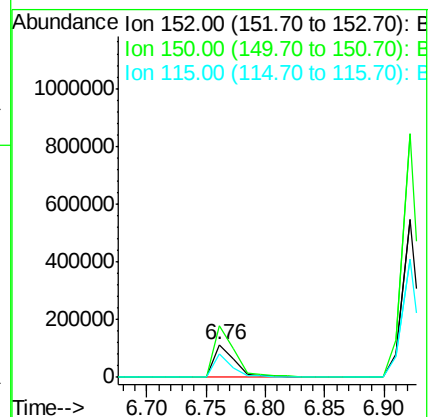
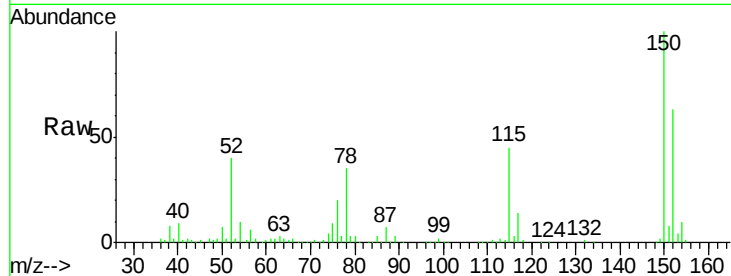
Tgt Ion:152 Resp: 142110

Ion Ratio Lower Upper

152 100

150 159.7 125.8 188.6

115 72.1 51.5 77.3



#5

2-Fluorophenol

Concen: 126.54 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086572.D

Acq: 1 May 2016 16:04

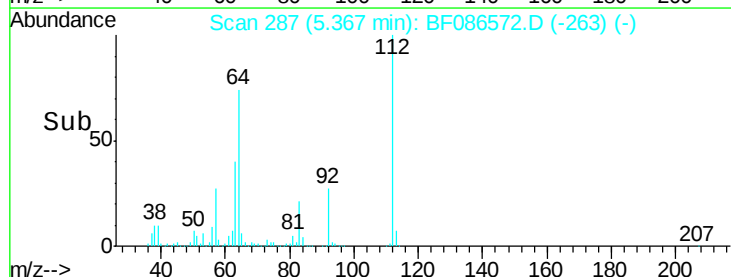
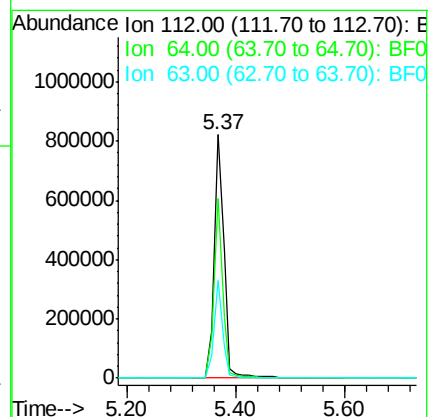
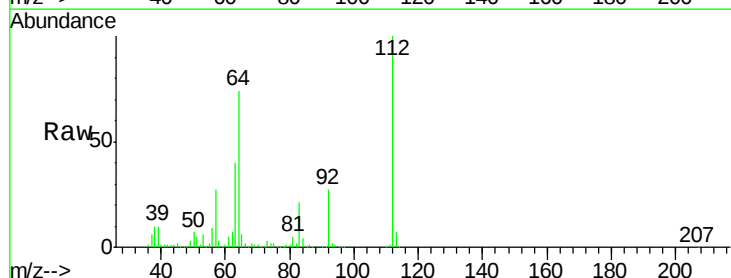
Tgt Ion:112 Resp: 1042560

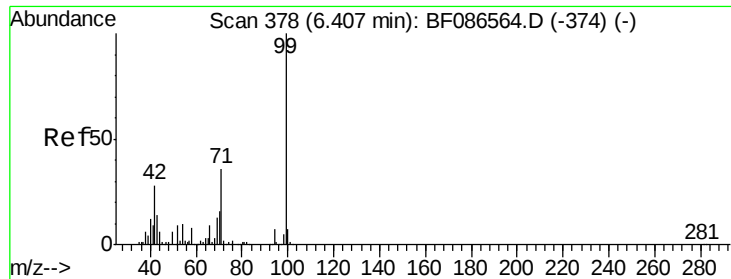
Ion Ratio Lower Upper

112 100

64 73.5 52.1 78.1

63 40.2 25.7 38.5#





#7

Phenol-d6

Concen: 108.62 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086572.D

Acq: 1 May 2016 16:04

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-7(0-6FTBGS)

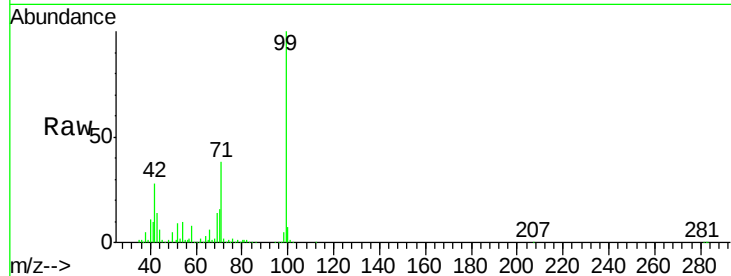
Tgt Ion: 99 Resp: 1248982

Ion Ratio Lower Upper

99 100

42 28.4 13.6 20.4#

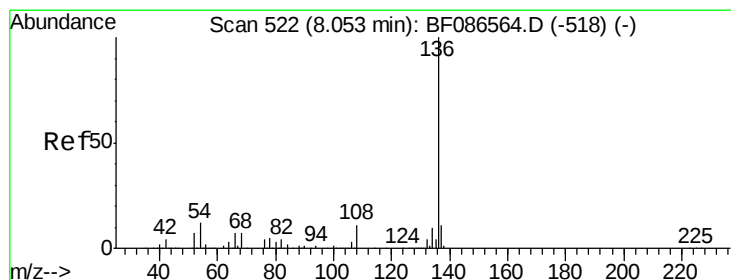
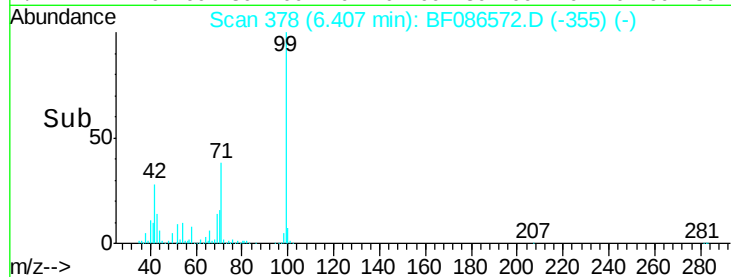
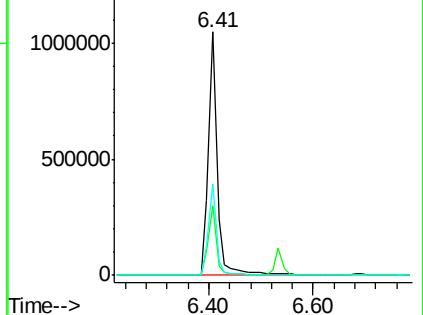
71 37.6 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086572.D

Acq: 1 May 2016 16:04

Tgt Ion: 136 Resp: 612147

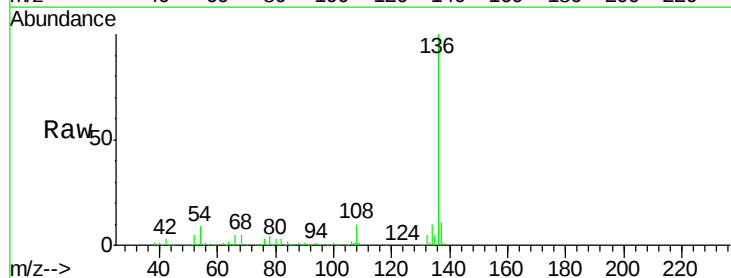
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.0 5.0 7.4#

68 5.5 4.4 6.6

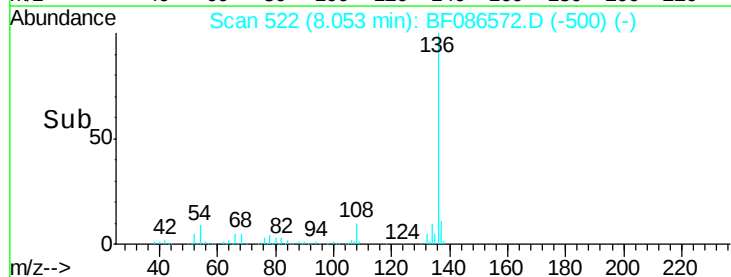
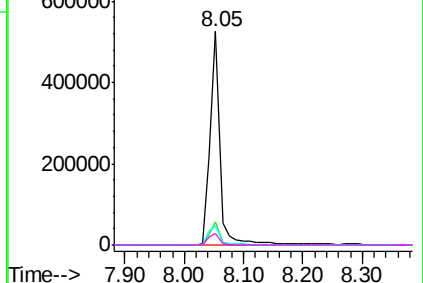


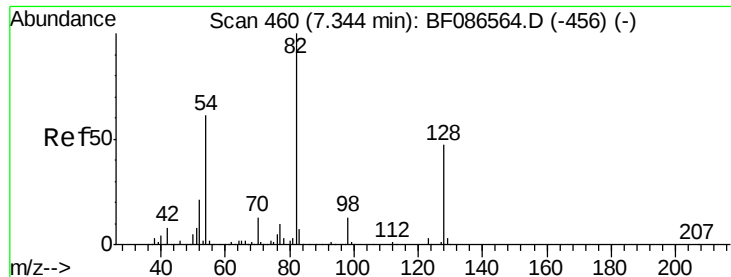
Abundance Ion 136.00 (135.70 to 136.70): E

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

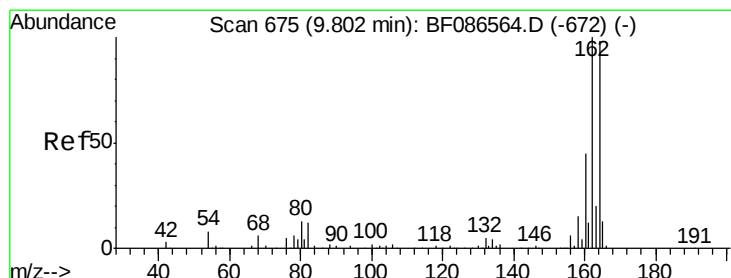
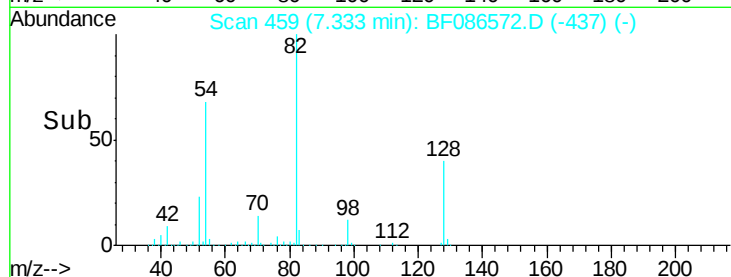
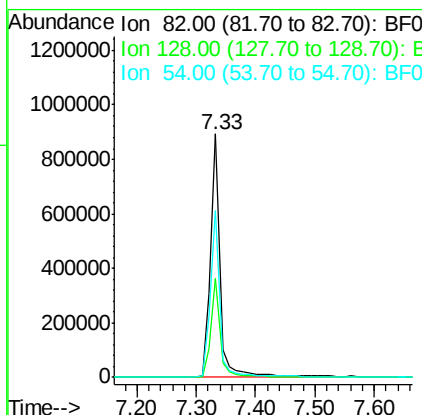
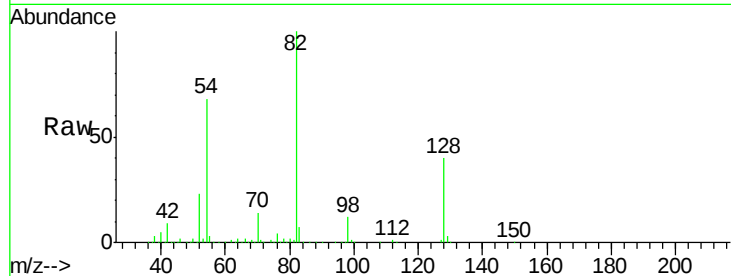




#23
 Nitrobenzene-d5
 Concen: 90.07 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086572.D
 Acq: 1 May 2016 16:04

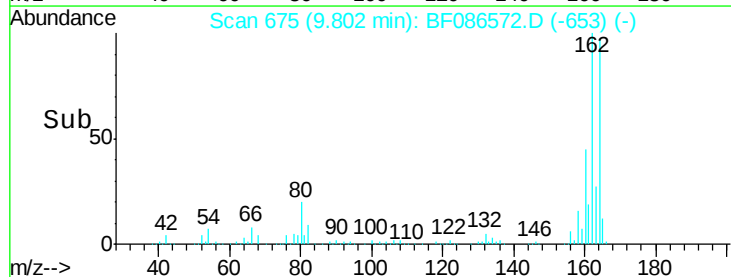
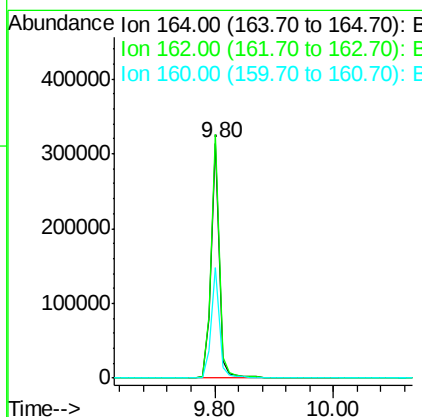
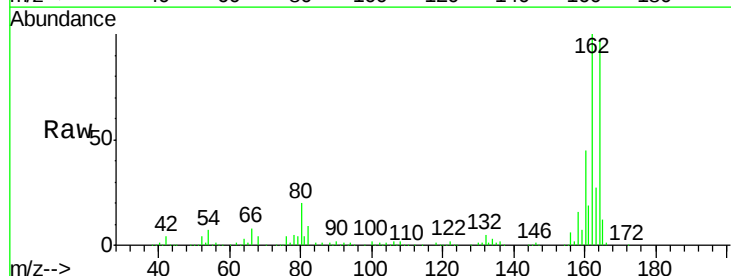
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-7(0-6FTBGS)

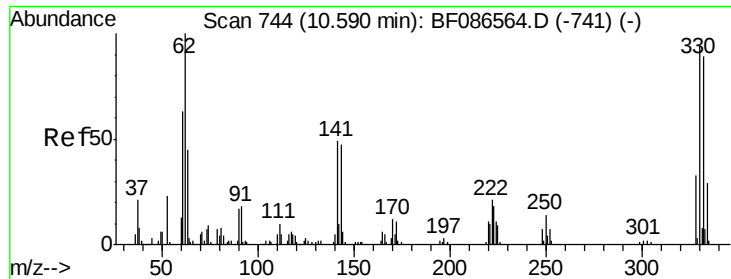
Tgt Ion: 82 Resp: 1022881
 Ion Ratio Lower Upper
 82 100
 128 40.5 40.6 61.0#
 54 68.4 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086572.D
 Acq: 1 May 2016 16:04

Tgt Ion: 164 Resp: 302938
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.8 124.2
 160 47.0 36.9 55.3

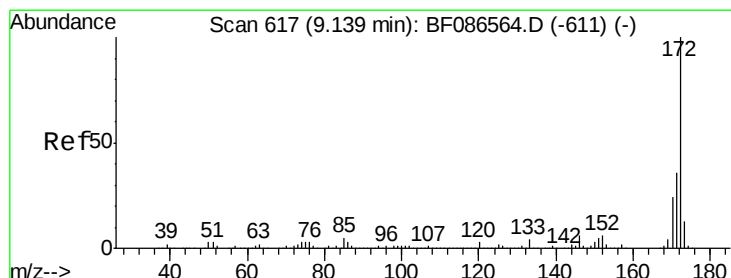
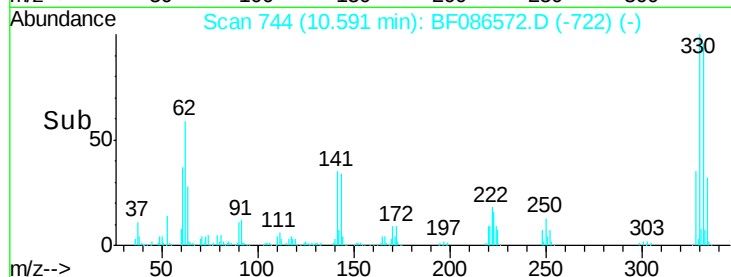
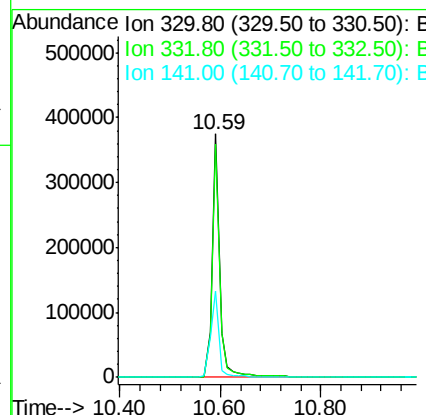
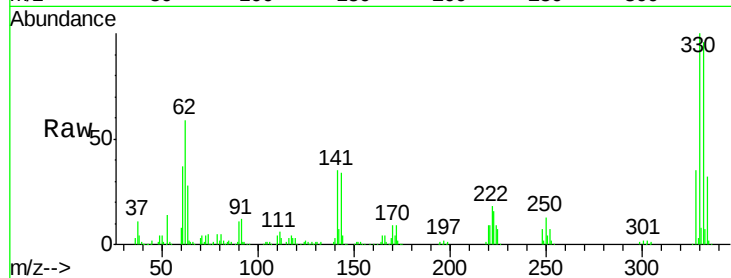




#41
 2,4,6-Tribromophenol
 Concen: 124.46 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086572.D
 Acq: 1 May 2016 16:04

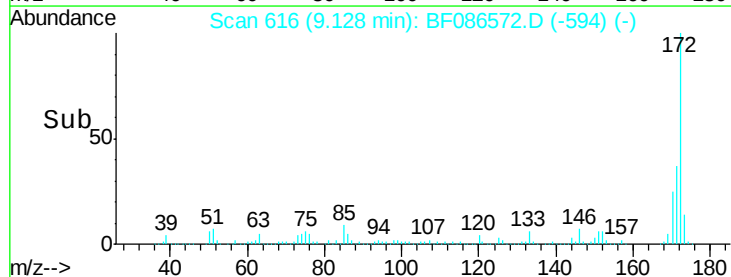
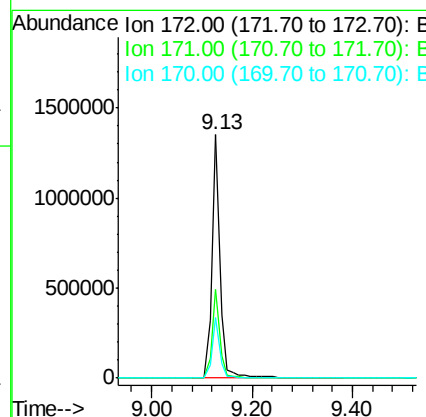
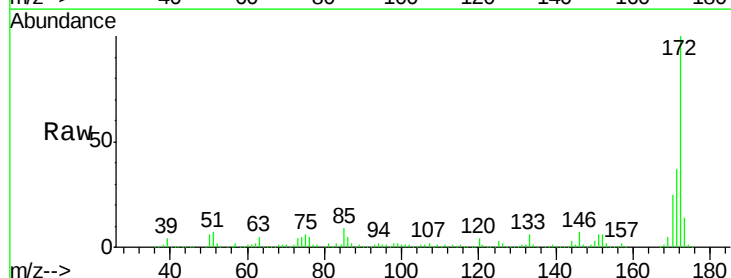
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-7(0-6FTBGS)

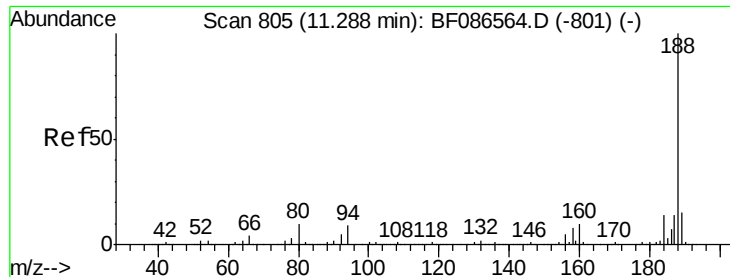
Tgt Ion:330 Resp: 397609
 Ion Ratio Lower Upper
 330 100
 332 94.8 79.0 118.4
 141 39.4 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 89.49 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086572.D
 Acq: 1 May 2016 16:04

Tgt Ion:172 Resp: 1531647
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.9 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF086572.D

Acq: 1 May 2016 16:04

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-7(0-6FTBGS)

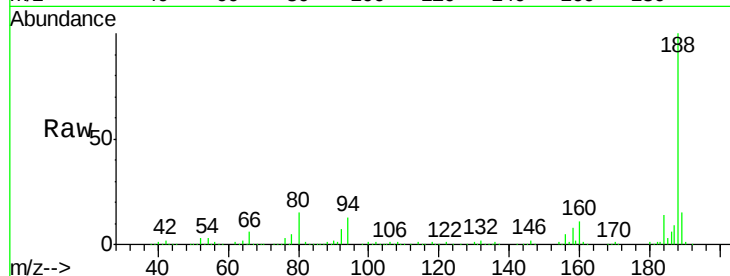
Tgt Ion:188 Resp: 549144

Ion Ratio Lower Upper

188 100

94 13.5 6.8 10.2#

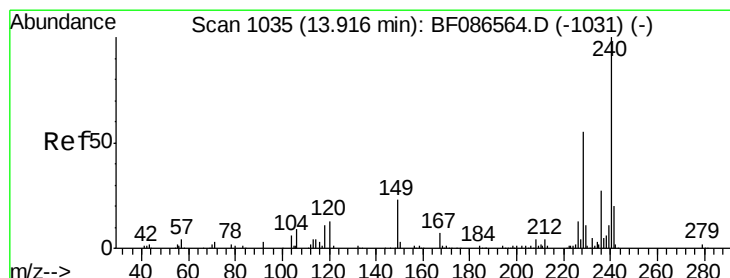
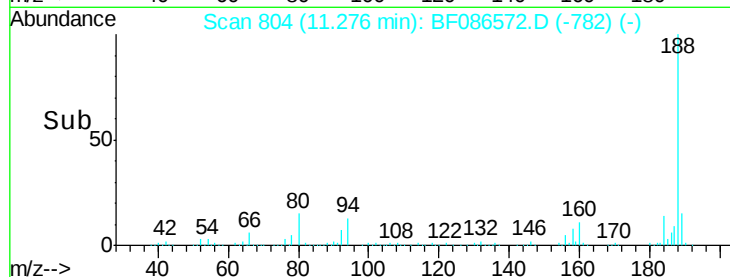
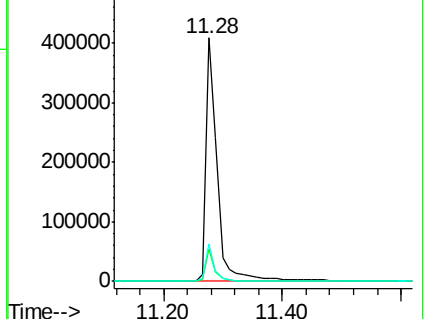
80 15.2 7.1 10.7#



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: 13.91 min Scan# 1034

Delta R.T. -0.06 min

Lab File: BF086572.D

Acq: 1 May 2016 16:04

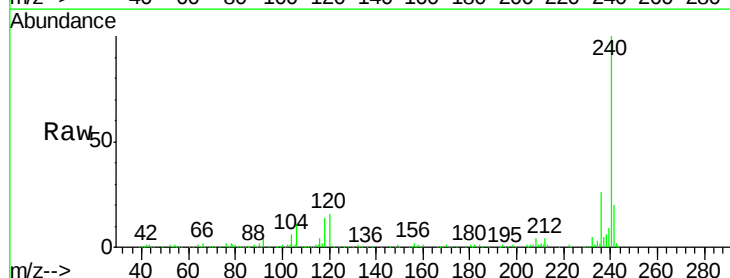
Tgt Ion:240 Resp: 383246

Ion Ratio Lower Upper

240 100

120 16.3 11.2 16.8

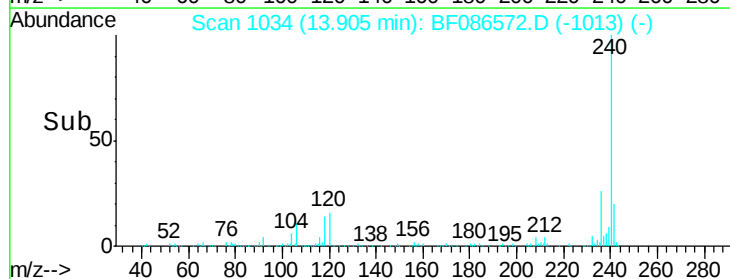
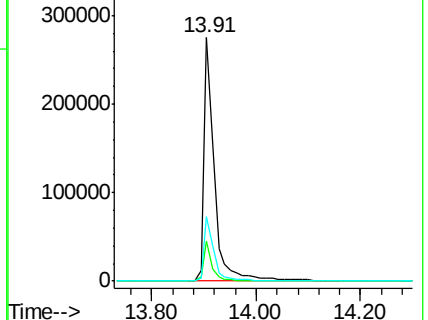
236 26.4 21.2 31.8

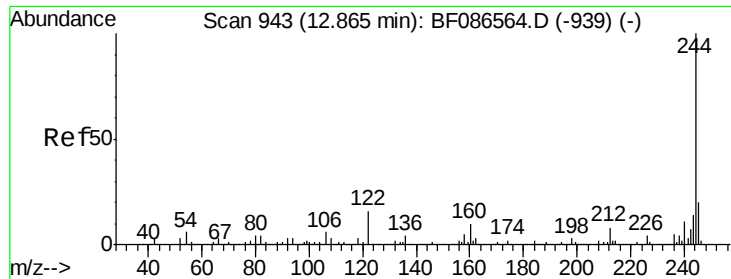


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

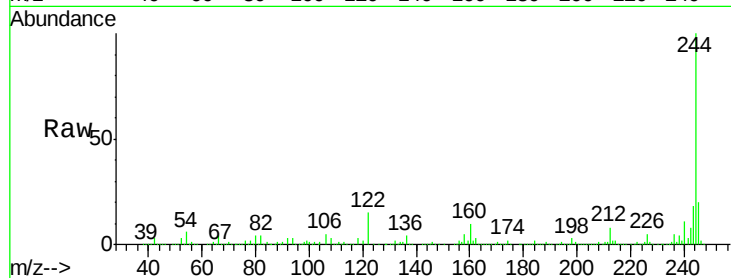




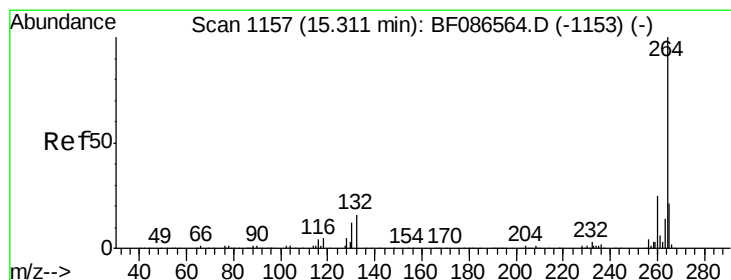
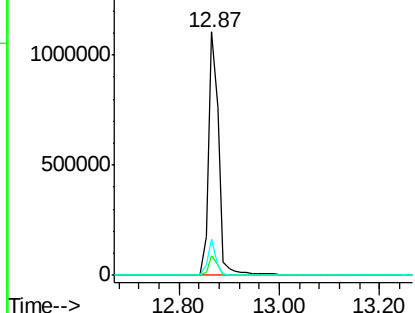
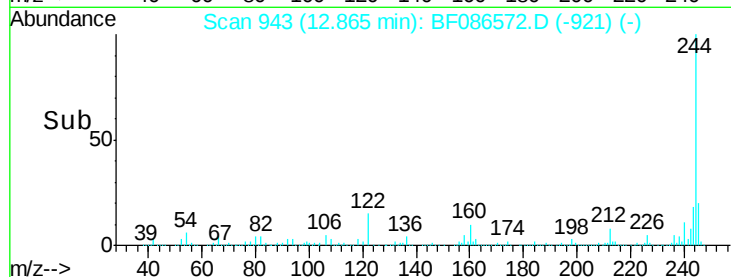
#78
 Terphenyl-d14
 Concen: 88.78 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086572.D
 Acq: 1 May 2016 16:04

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-7(0-6FTBGS)

Tgt Ion:244 Resp: 1544376
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 15.2 12.0 18.0

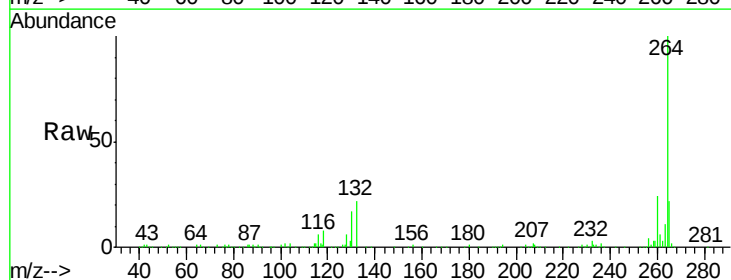


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086572.D
 Acq: 1 May 2016 16:04

Tgt Ion:264 Resp: 334190
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 22.1 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

