

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086578.D
 Acq On : 1 May 2016 18:52
 Operator : UM/SJ
 Sample : H2683-14
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-12(6-12FTGBS)

Quant Time: May 02 04:26:07 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

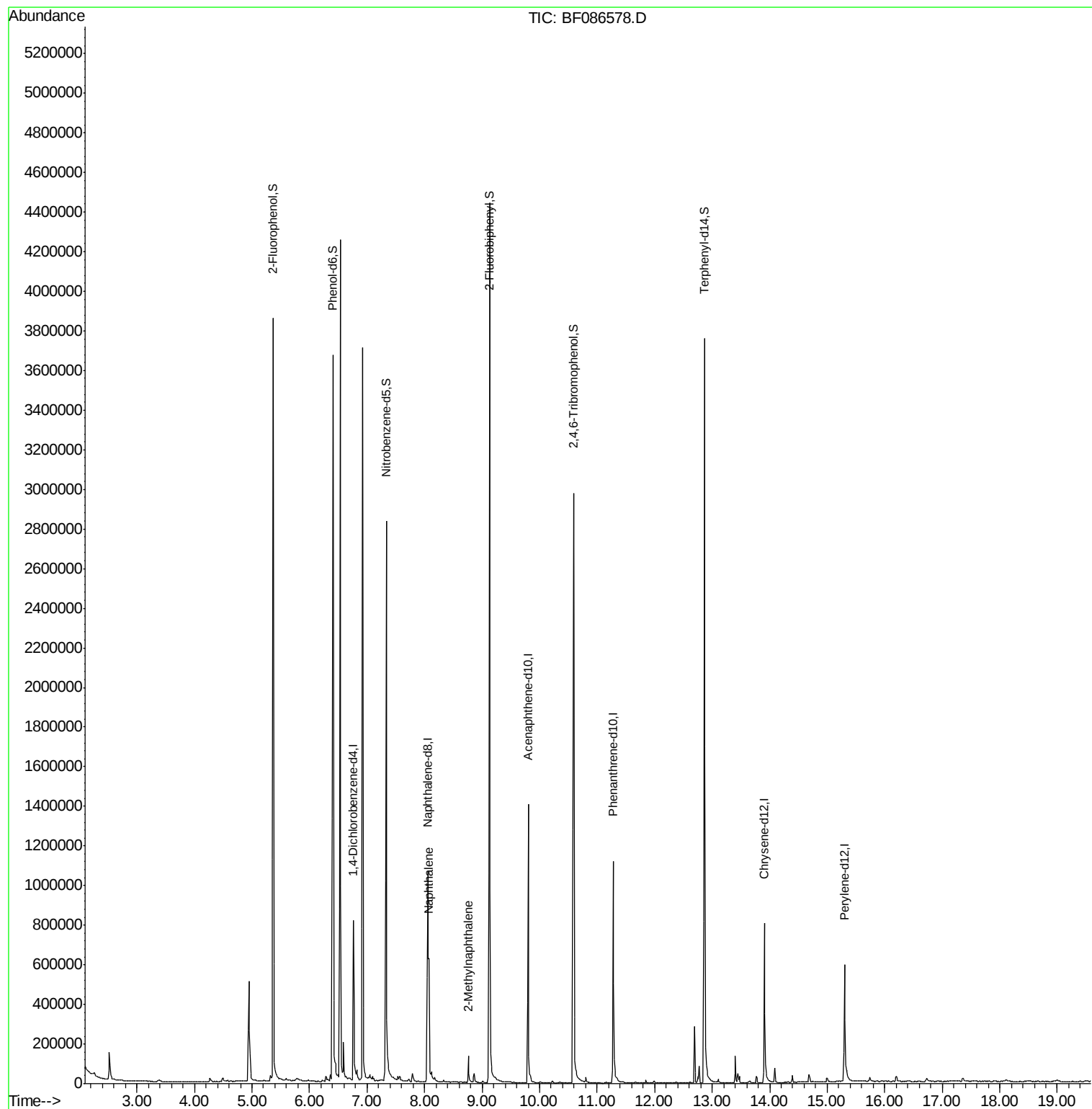
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139048	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	589972	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	293556	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	539143	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	368682	20.00	ng	-0.06
86) Perylene-d12	15.30	264	326934	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1008804	125.14	ng	-0.02
7) Phenol-d6	6.41	99	1293965	115.01	ng	-0.03
23) Nitrobenzene-d5	7.33	82	1025054	93.65	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	394197	127.34	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1533406	93.33	ng	-0.05
78) Terphenyl-d14	12.87	244	1486705	88.84	ng	-0.05
Target Compounds						Qvalue
31) Naphthalene	8.08	128	433192	14.43	ng	99
37) 2-Methylnaphthalene	8.76	142	47402	2.68	ng	96

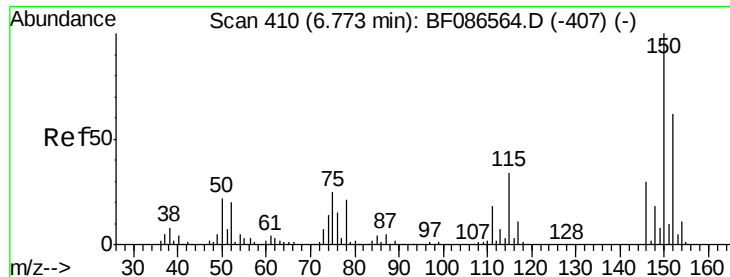
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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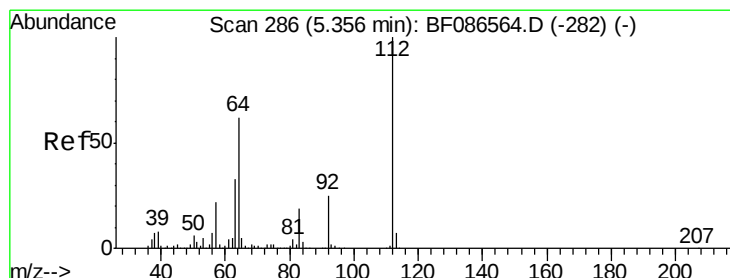
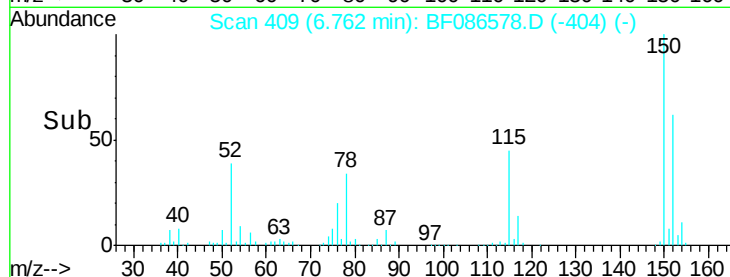
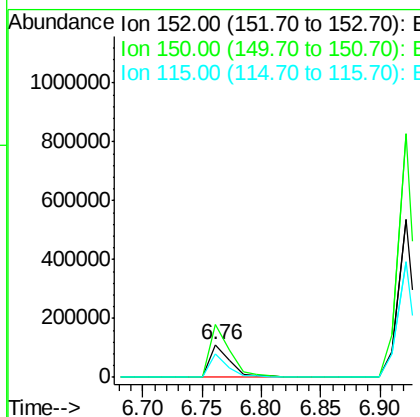
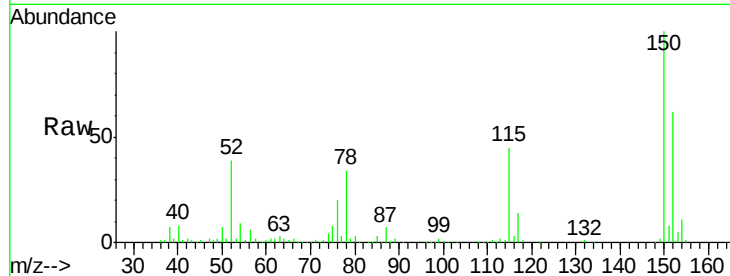




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BF086578.D
 Acq: 1 May 2016 18:52

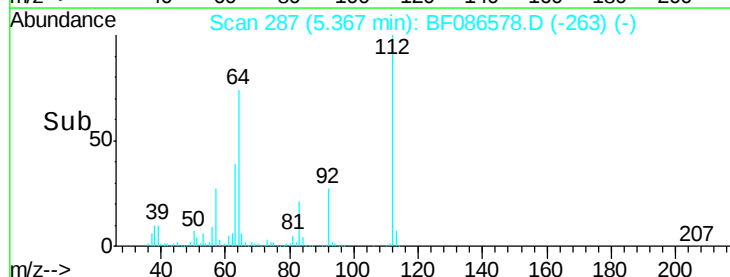
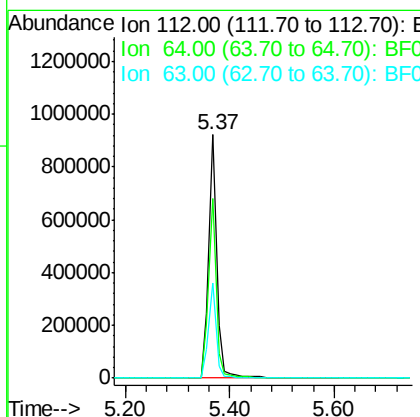
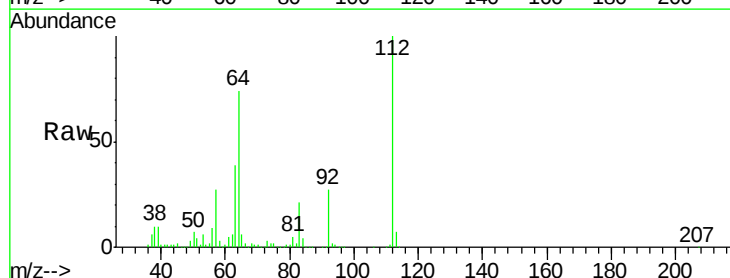
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-12(6-12FTGBS)

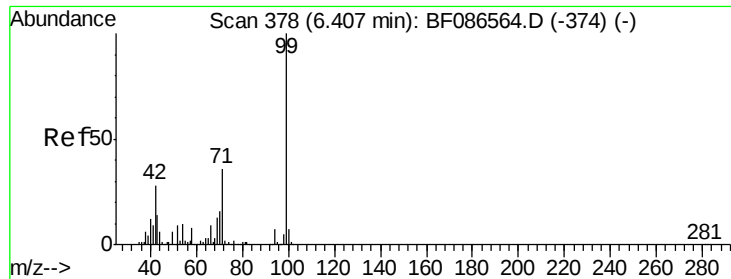
Tgt Ion:152 Resp: 139048
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.8 188.6
 115 72.0 51.5 77.3



#5
 2-Fluorophenol
 Concen: 125.14 ng
 RT: 5.37 min Scan# 287
 Delta R.T. -0.02 min
 Lab File: BF086578.D
 Acq: 1 May 2016 18:52

Tgt Ion:112 Resp: 1008804
 Ion Ratio Lower Upper
 112 100
 64 73.8 52.1 78.1
 63 39.3 25.7 38.5#





#7

Phenol-d6

Concen: 115.01 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086578.D

Acq: 1 May 2016 18:52

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-12(6-12FTGBS)

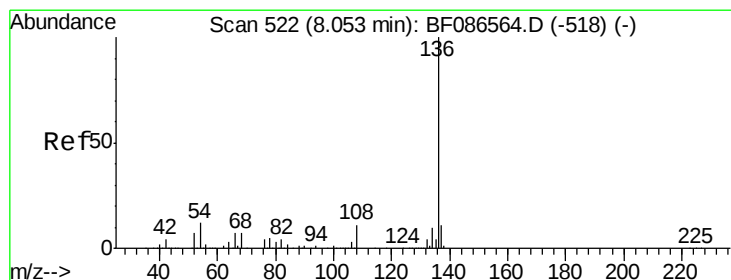
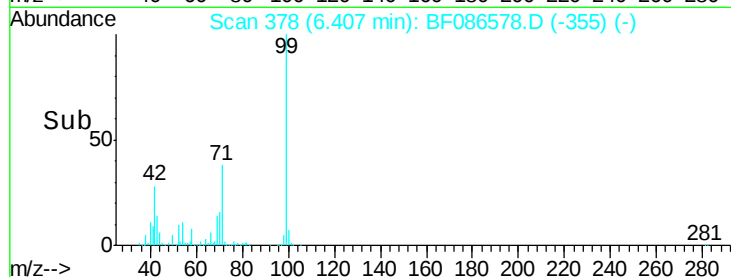
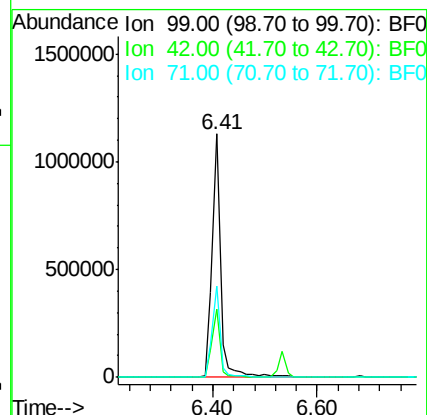
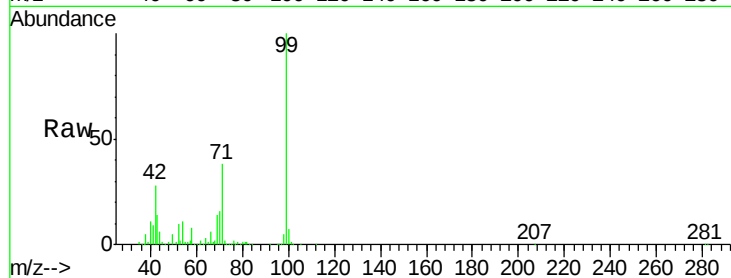
Tgt Ion: 99 Resp: 1293965

Ion Ratio Lower Upper

99 100

42 28.2 13.6 20.4#

71 37.6 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.05 min

Lab File: BF086578.D

Acq: 1 May 2016 18:52

Tgt Ion: 136 Resp: 589972

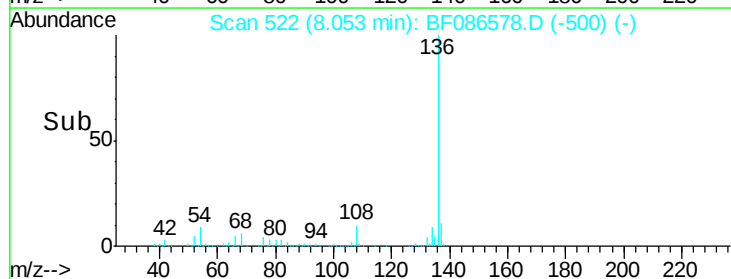
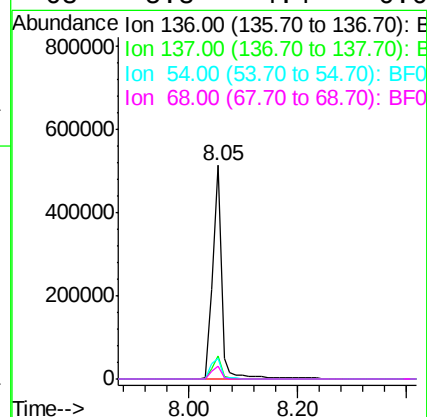
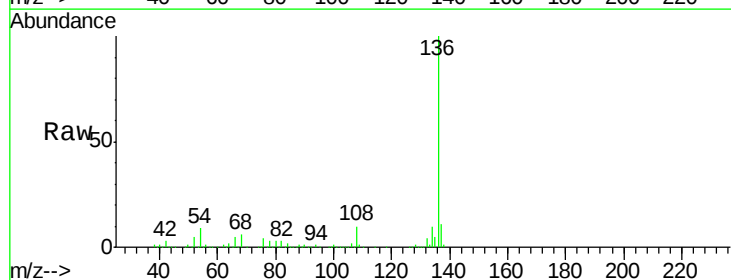
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 9.3 5.0 7.4#

68 5.8 4.4 6.6

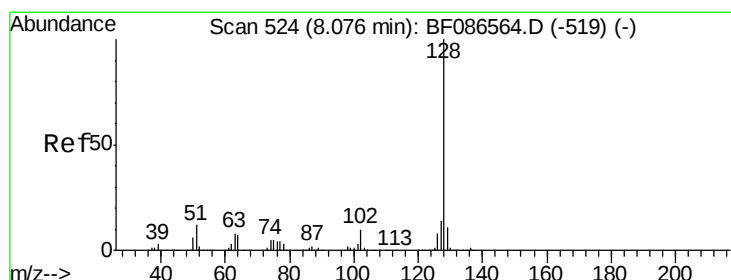
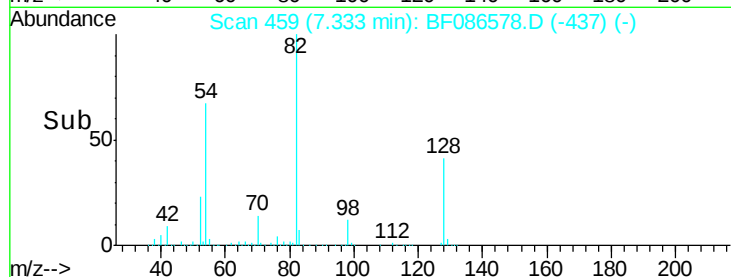
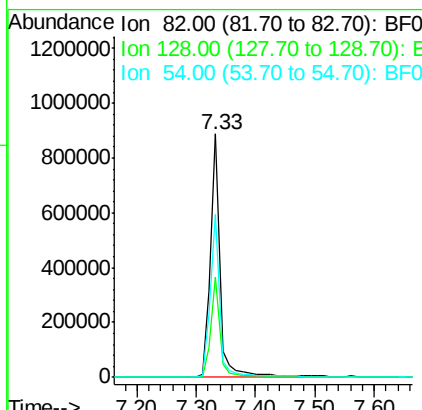
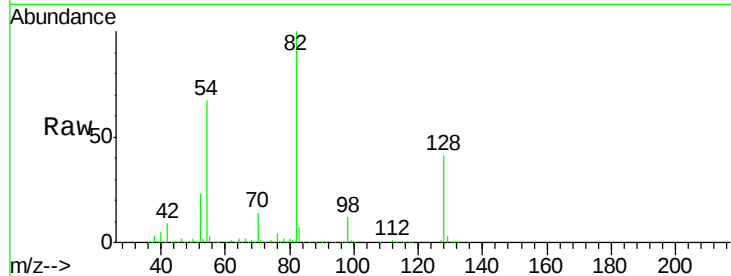




#23
Nitrobenzene-d5
Concen: 93.65 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.05 min
Lab File: BF086578.D
Acq: 1 May 2016 18:52

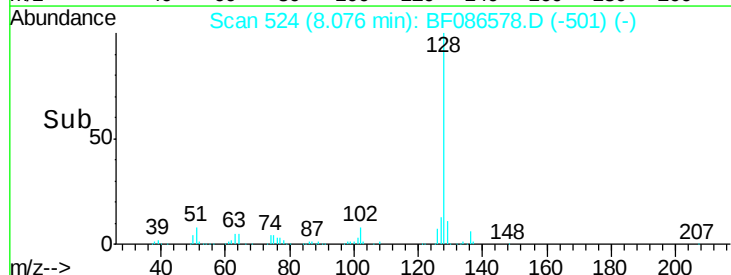
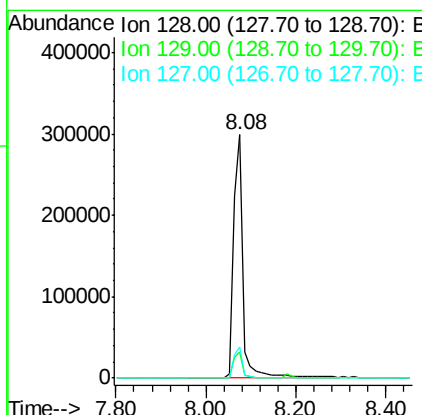
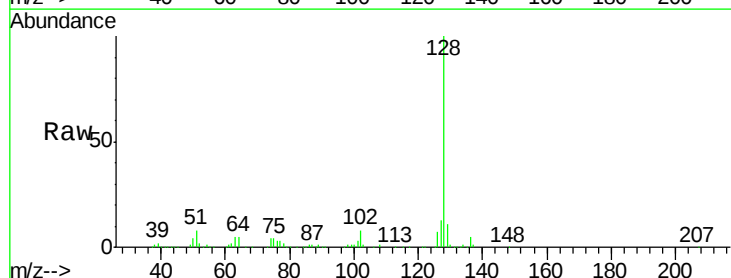
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-12(6-12FTGBS)

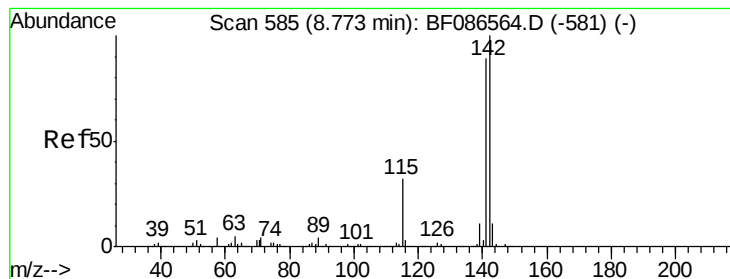
Tgt Ion: 82 Resp: 1025054
Ion Ratio Lower Upper
82 100
128 41.1 40.6 61.0
54 66.8 38.1 57.1#



#31
Naphthalene
Concen: 14.43 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF086578.D
Acq: 1 May 2016 18:52

Tgt Ion: 128 Resp: 433192
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.7 10.8 16.2

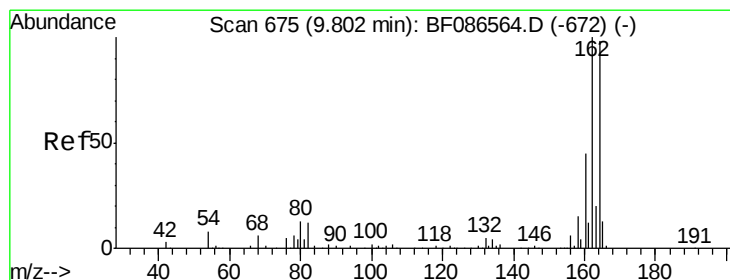
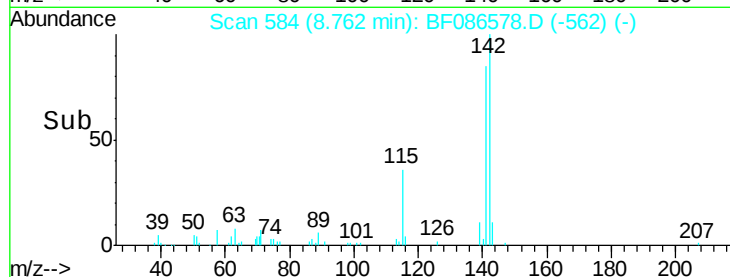
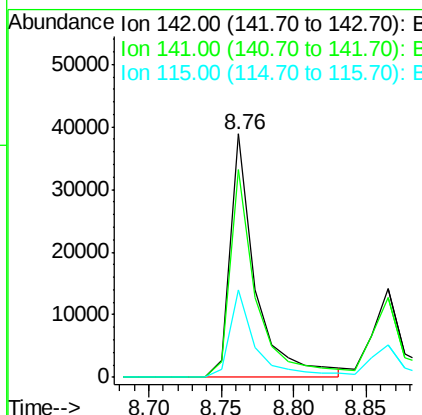
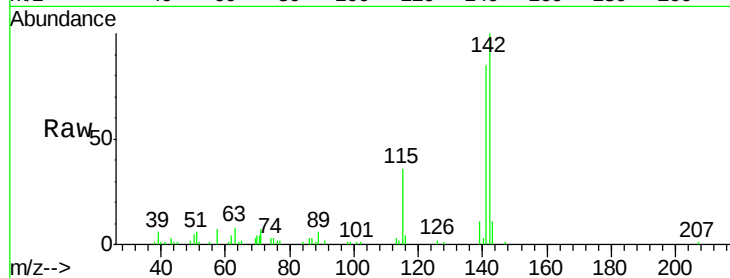




#37
2-Methylnaphthalene
Concen: 2.68 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.05 min
Lab File: BF086578.D
Acq: 1 May 2016 18:52

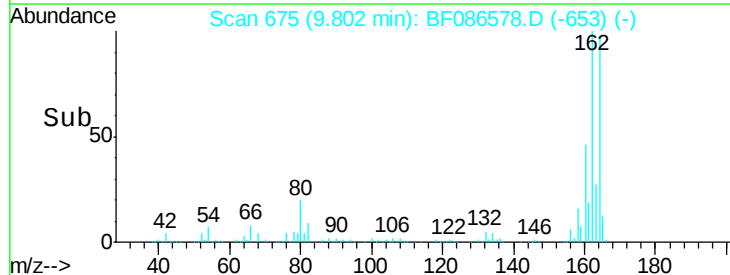
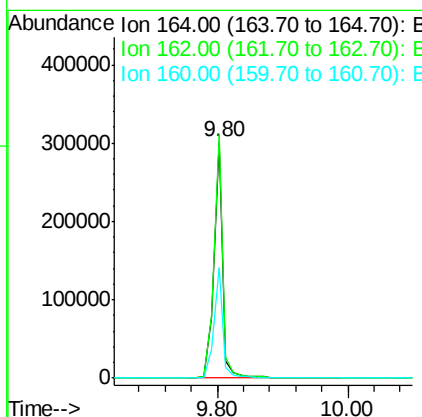
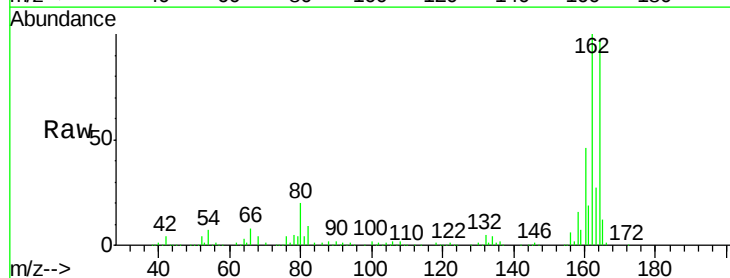
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-12(6-12FTGBS)

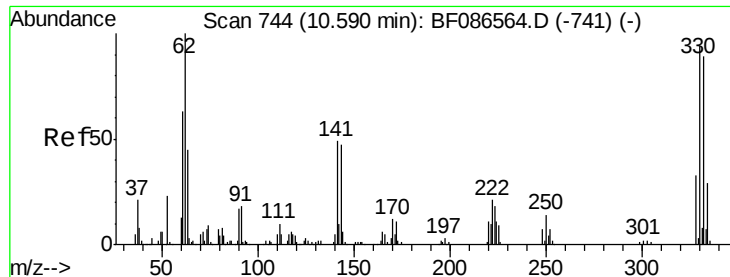
Tgt Ion:142 Resp: 47402
Ion Ratio Lower Upper
142 100
141 85.1 71.0 106.6
115 36.1 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086578.D
Acq: 1 May 2016 18:52

Tgt Ion:164 Resp: 293556
Ion Ratio Lower Upper
164 100
162 103.0 82.8 124.2
160 47.0 36.9 55.3

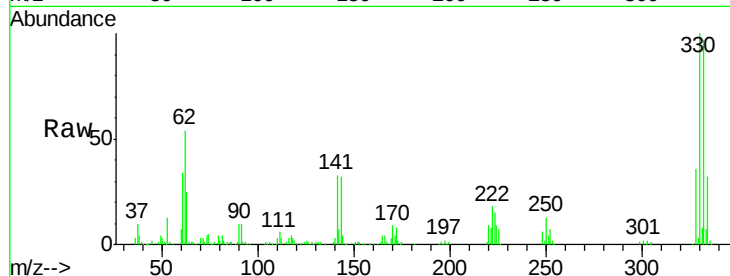




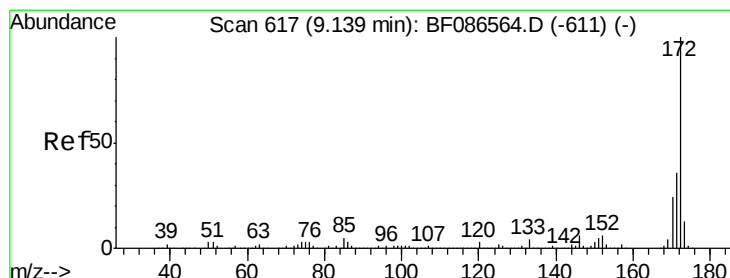
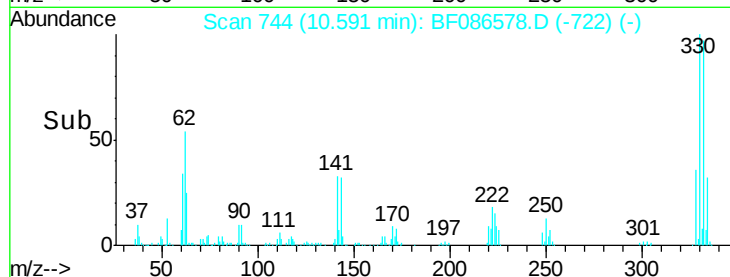
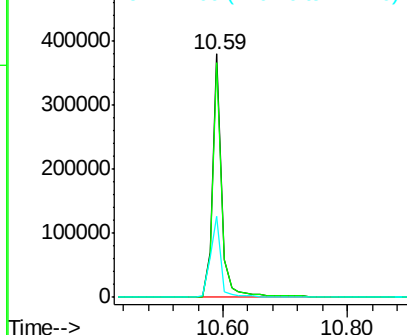
#41
 2,4,6-Tribromophenol
 Concen: 127.34 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086578.D
 Acq: 1 May 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-12(6-12FTGBS)

Tgt Ion:330 Resp: 394197
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.0 118.4
 141 38.7 31.2 46.8

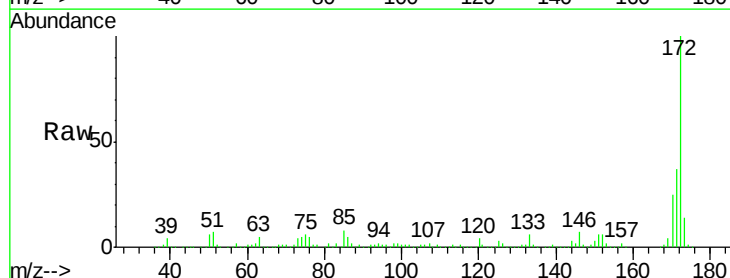


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

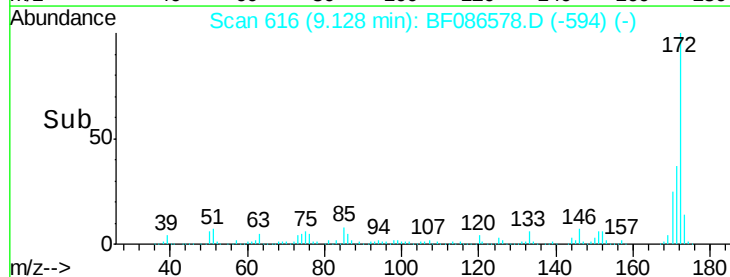
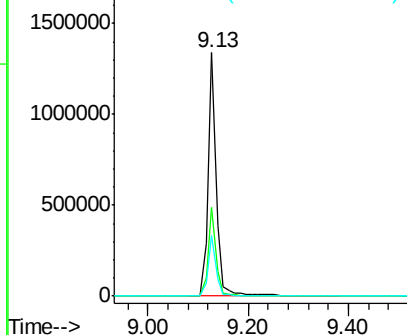


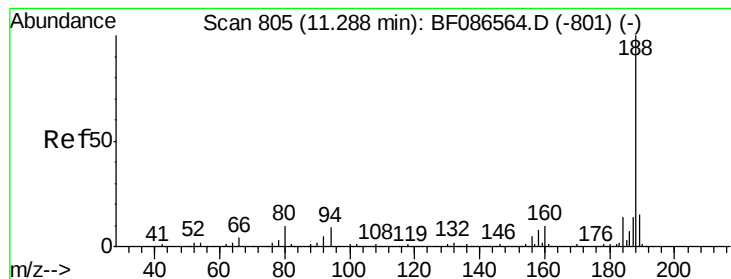
#44
 2-Fluorobiphenyl
 Concen: 93.33 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086578.D
 Acq: 1 May 2016 18:52

Tgt Ion:172 Resp: 1533406
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.7 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF086578.D

Acq: 1 May 2016 18:52

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-12(6-12FTGBS)

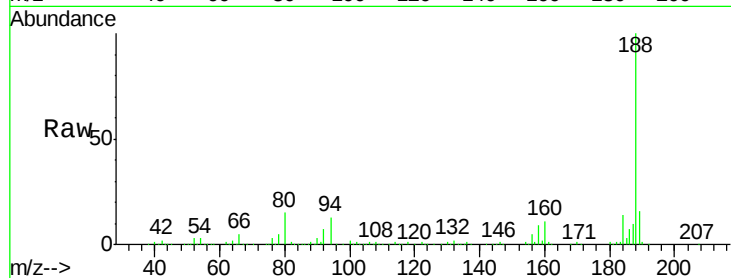
Tgt Ion:188 Resp: 539143

Ion Ratio Lower Upper

188 100

94 13.2 6.8 10.2#

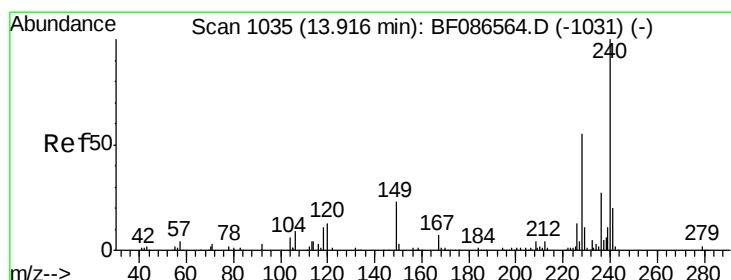
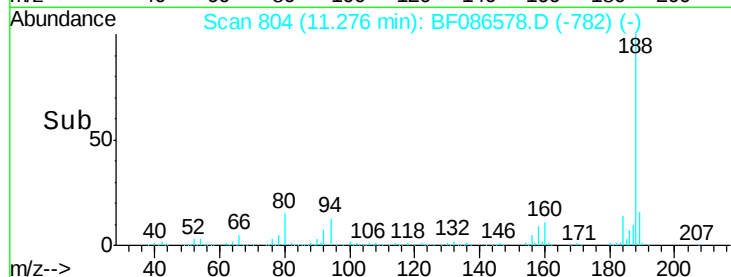
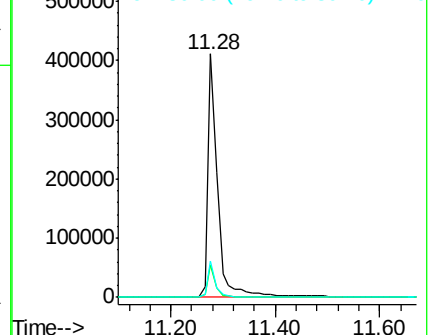
80 14.8 7.1 10.7#



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: BF086578.D

Acq: 1 May 2016 18:52

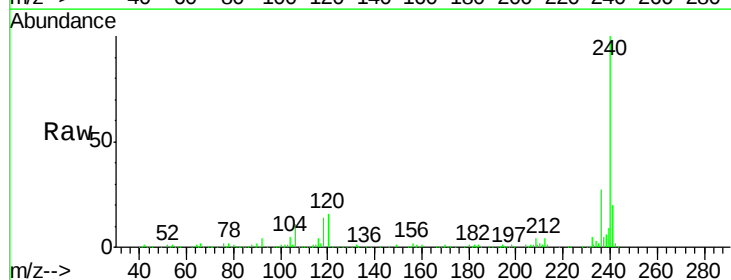
Tgt Ion:240 Resp: 368682

Ion Ratio Lower Upper

240 100

120 15.7 11.2 16.8

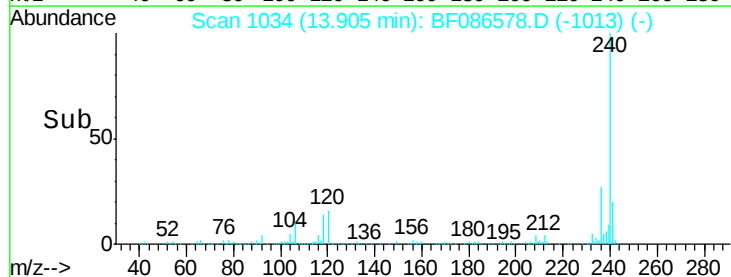
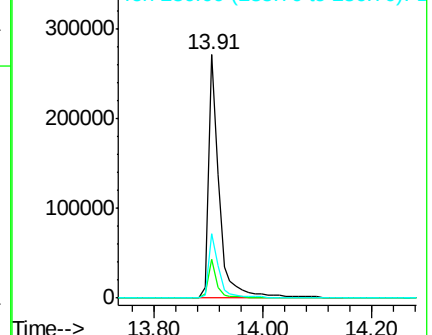
236 26.6 21.2 31.8

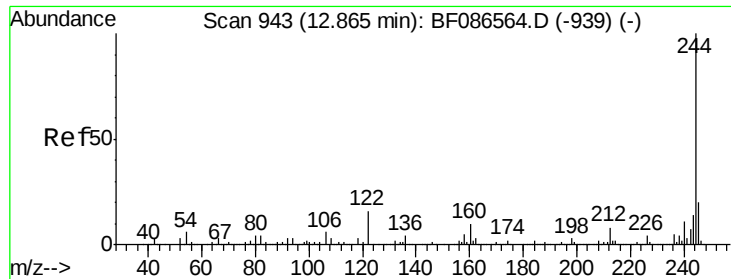


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

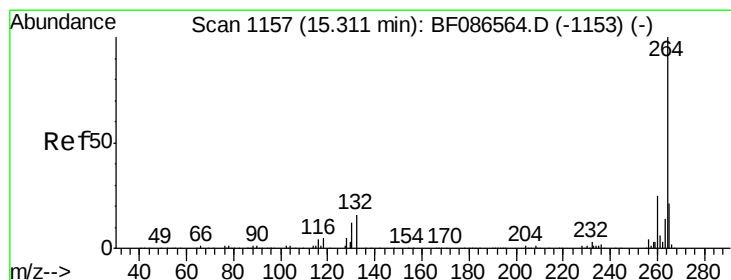
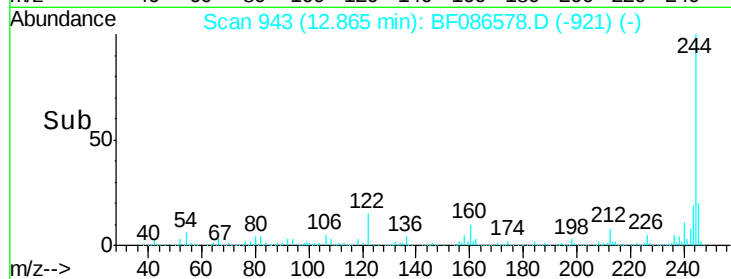
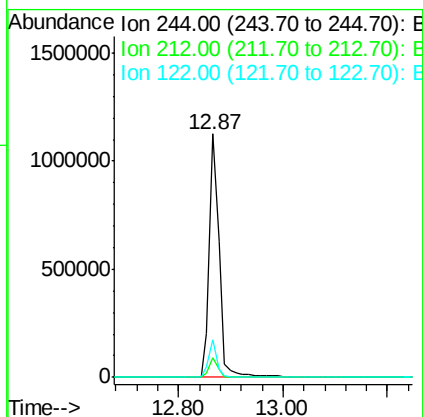
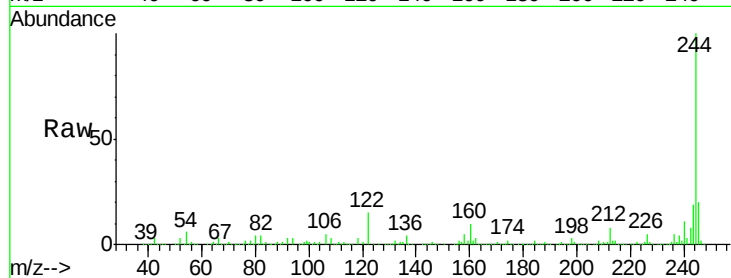




#78
 Terphenyl-d14
 Concen: 88.84 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086578.D
 Acq: 1 May 2016 18:52

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Tgt Ion:244 Resp: 1486705
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 15.3 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086578.D
 Acq: 1 May 2016 18:52

Tgt Ion:264 Resp: 326934
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 20.9 17.3 25.9

