

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086568.D
 Acq On : 1 May 2016 14:11
 Operator : UM/SJ
 Sample : H2683-04
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-5(0-6FTBGS)

Quant Time: May 02 04:08:53 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	128424	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	544622	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	274395	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	515840	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	378516	20.00	ng	-0.06
86) Perylene-d12	15.30	264	342940	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	992351	133.28	ng	-0.02
7) Phenol-d6	6.41	99	1201584	115.63	ng	-0.03
23) Nitrobenzene-d5	7.33	82	952986	94.32	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	380631	131.54	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1465690	96.07	ng	-0.05
78) Terphenyl-d14	12.86	244	1526358	88.84	ng	-0.05

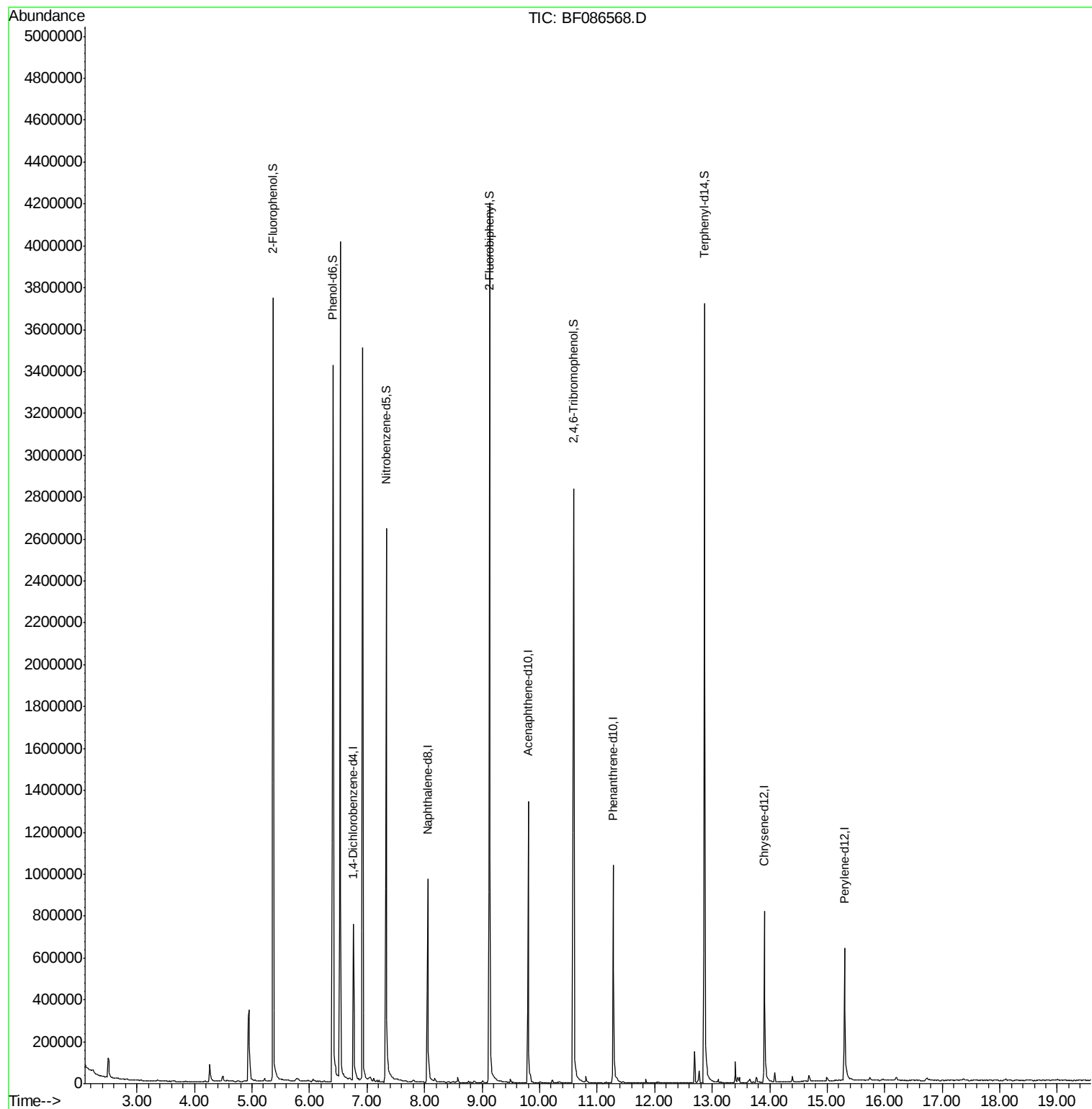
Target Compounds	Qvalue
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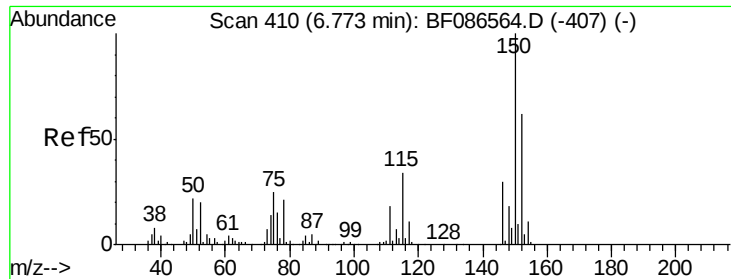
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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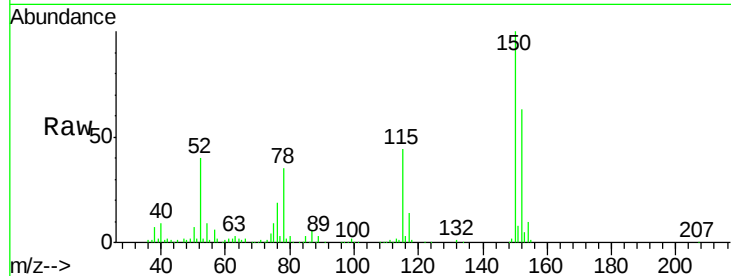


#1

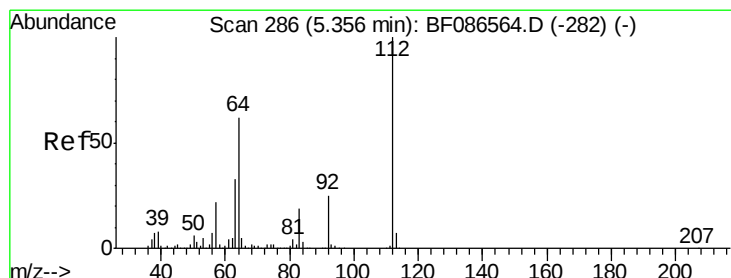
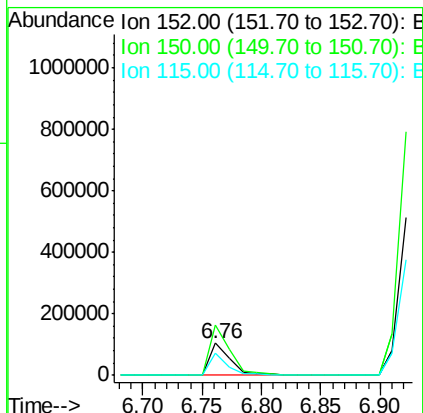
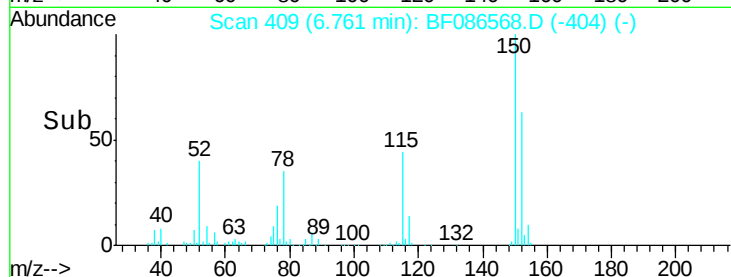
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086568.D
Acq: 1 May 2016 14:11

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-5(0-6FTBGS)

Tgt Ion:152 Resp: 128424
Ion Ratio Lower Upper
152 100
150 157.8 125.8 188.6
115 70.2 51.5 77.3



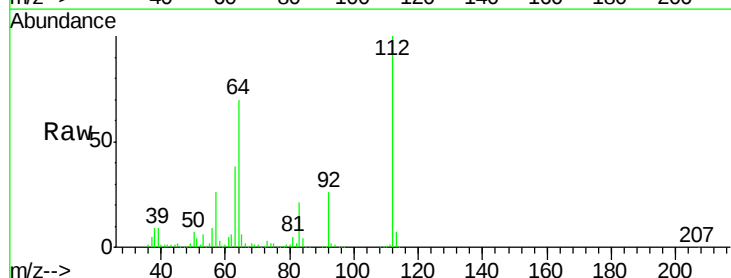
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



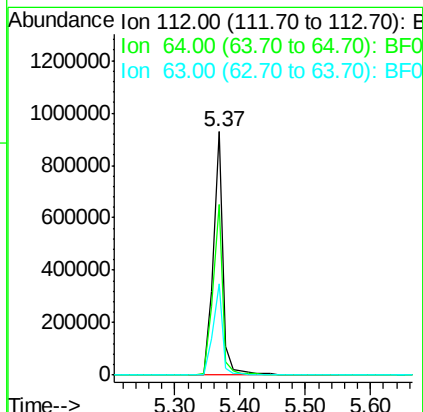
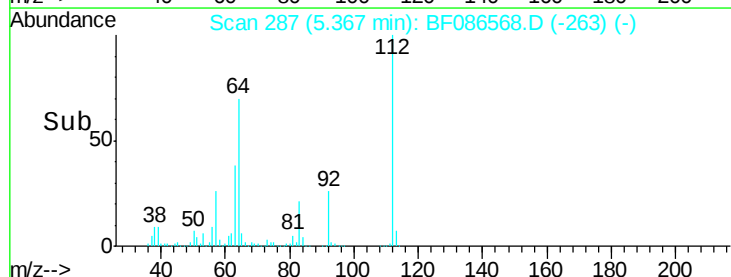
#5

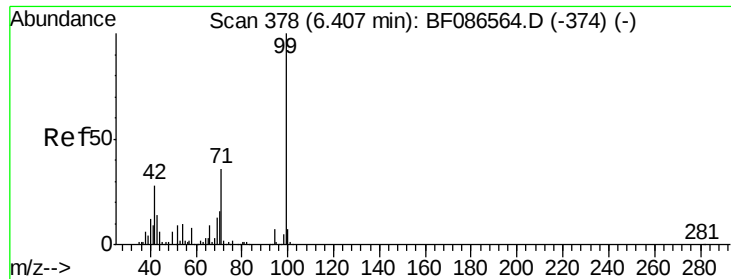
2-Fluorophenol
Concen: 133.28 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF086568.D
Acq: 1 May 2016 14:11

Tgt Ion:112 Resp: 992351
Ion Ratio Lower Upper
112 100
64 70.2 52.1 78.1
63 37.6 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: 115.63 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086568.D

Acq: 1 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-5(0-6FTBGS)

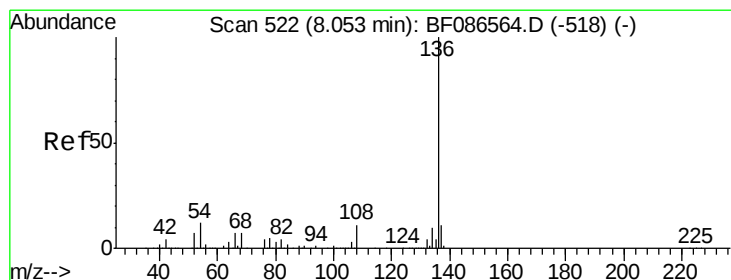
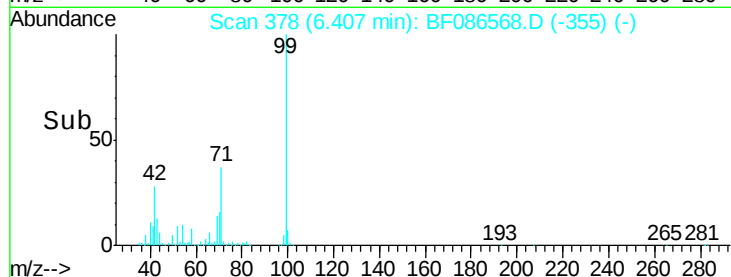
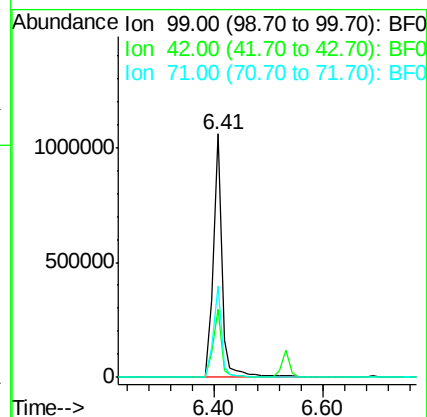
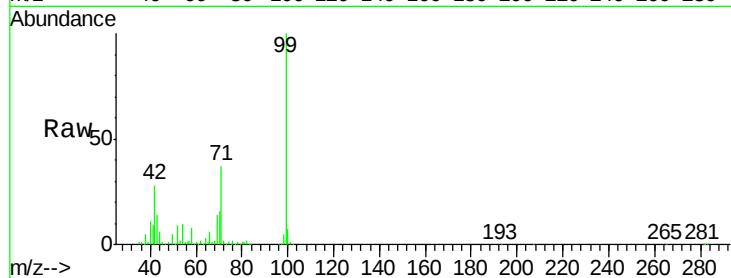
Tgt Ion: 99 Resp: 1201584

Ion Ratio Lower Upper

99 100

42 28.0 13.6 20.4#

71 37.4 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: BF086568.D

Acq: 1 May 2016 14:11

Tgt Ion: 136 Resp: 544622

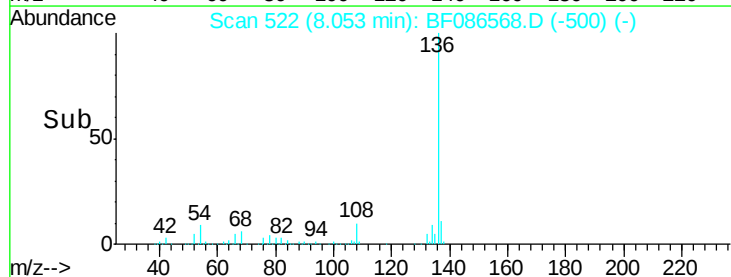
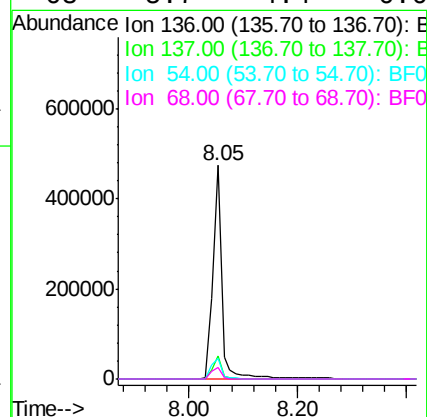
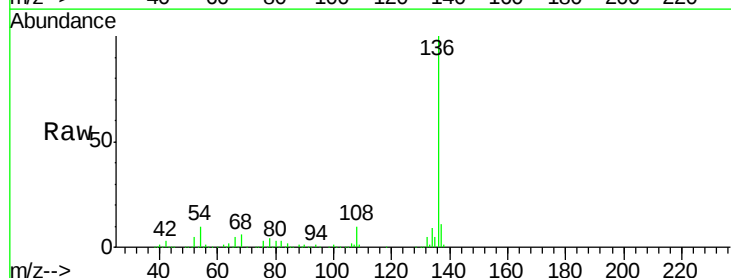
Ion Ratio Lower Upper

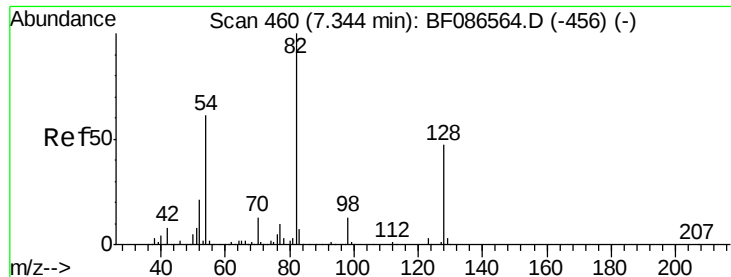
136 100

137 10.7 8.8 13.2

54 9.6 5.0 7.4#

68 5.7 4.4 6.6

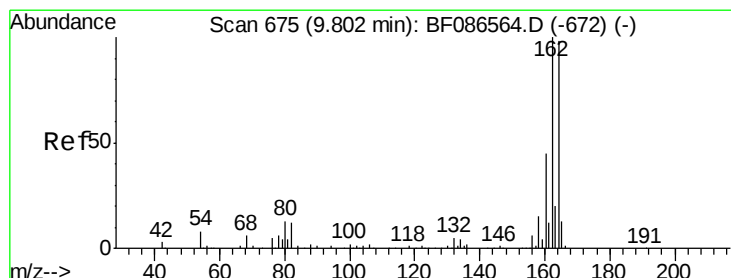
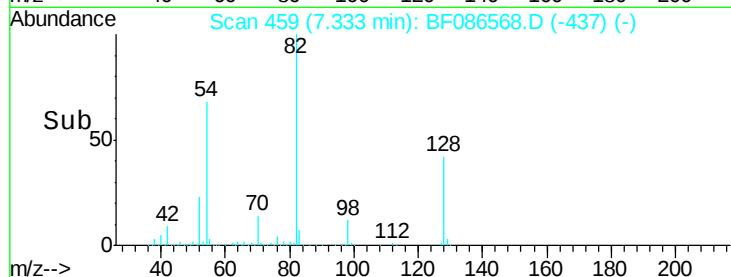
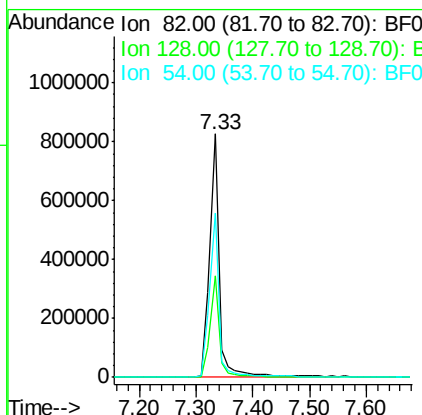
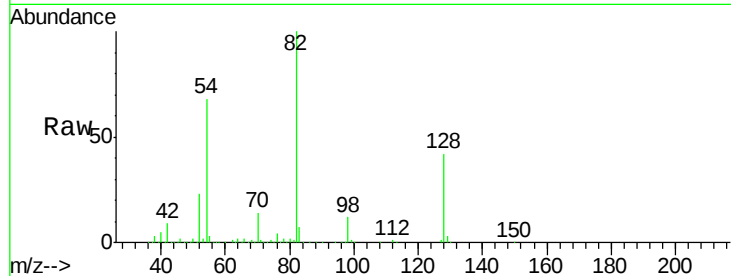




#23
 Nitrobenzene-d5
 Concen: 94.32 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086568.D
 Acq: 1 May 2016 14:11

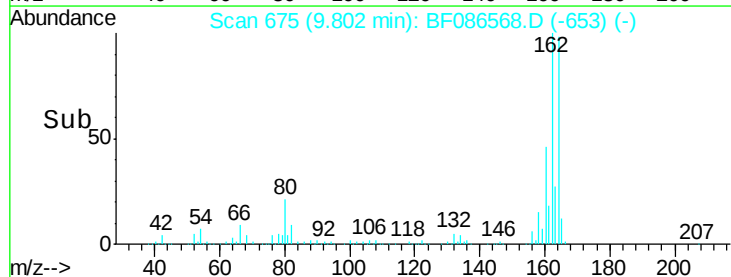
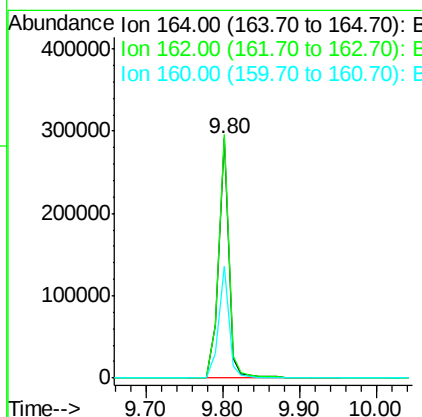
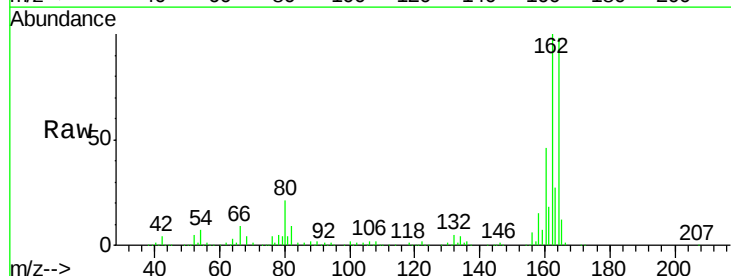
Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-5(0-6FTBGS)

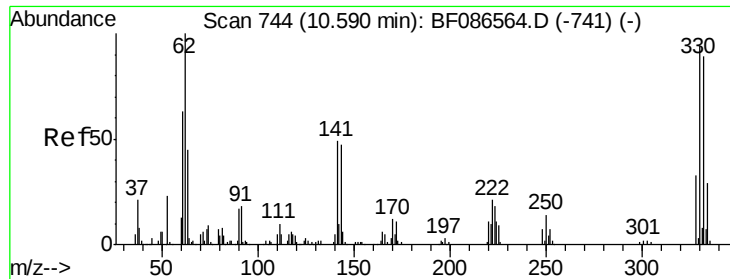
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.6	40.6	61.0
54	67.6	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086568.D
 Acq: 1 May 2016 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.8	124.2
160	46.6	36.9	55.3

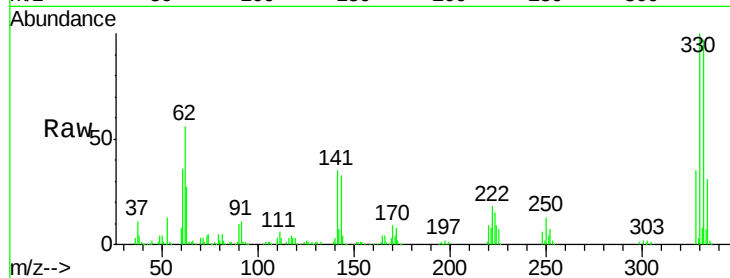




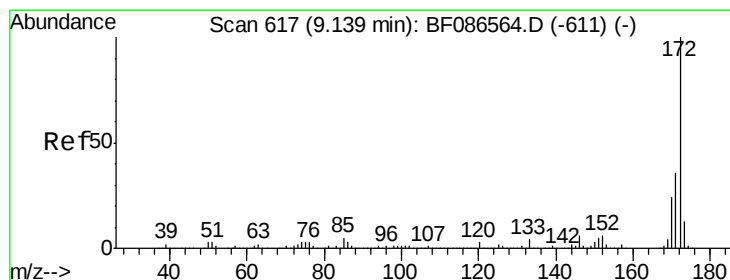
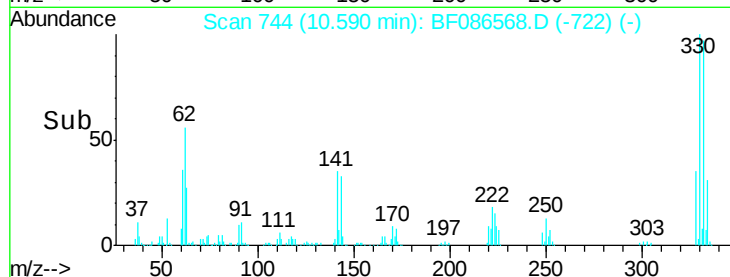
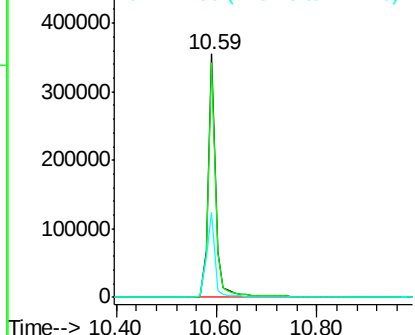
#41
 2,4,6-Tribromophenol
 Concen: 131.54 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086568.D
 Acq: 1 May 2016 14:11

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-5(0-6FTBGS)

Tgt Ion:330 Resp: 380631
 Ion Ratio Lower Upper
 330 100
 332 96.4 79.0 118.4
 141 39.1 31.2 46.8

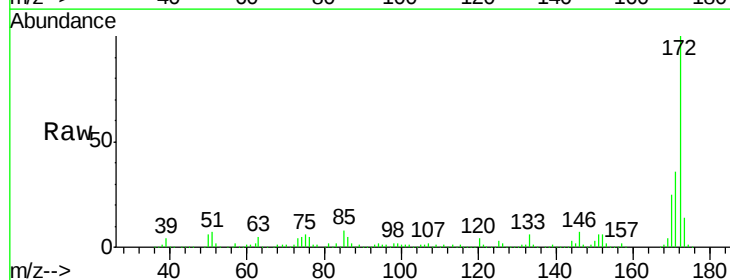


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

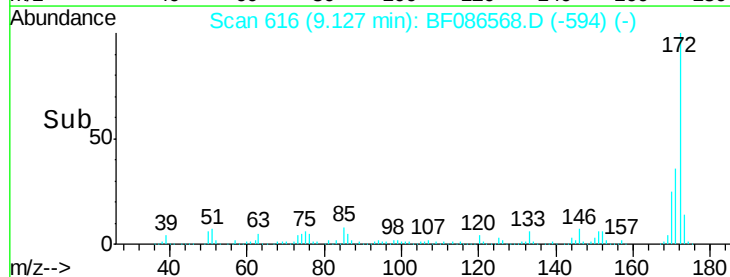
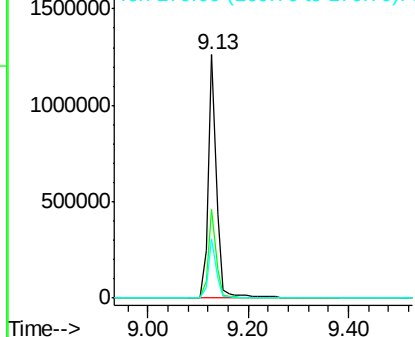


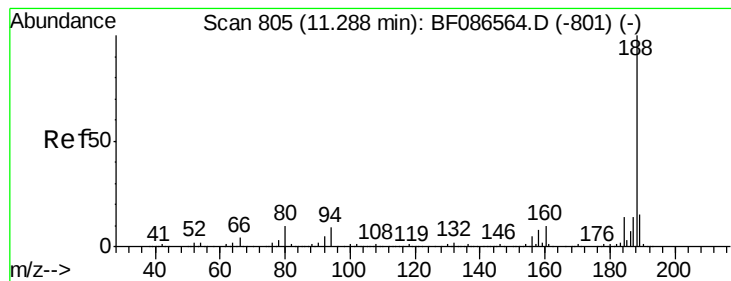
#44
 2-Fluorobiphenyl
 Concen: 96.07 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086568.D
 Acq: 1 May 2016 14:11

Tgt Ion:172 Resp: 1465690
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.6 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: BF086568.D

Acq: 1 May 2016 14:11

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-5(0-6FTBGS)

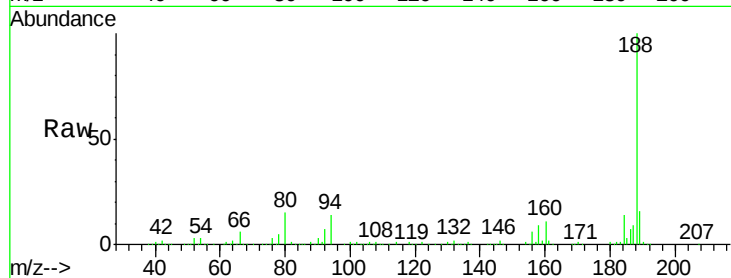
Tgt Ion:188 Resp: 515840

Ion Ratio Lower Upper

188 100

94 13.8 6.8 10.2#

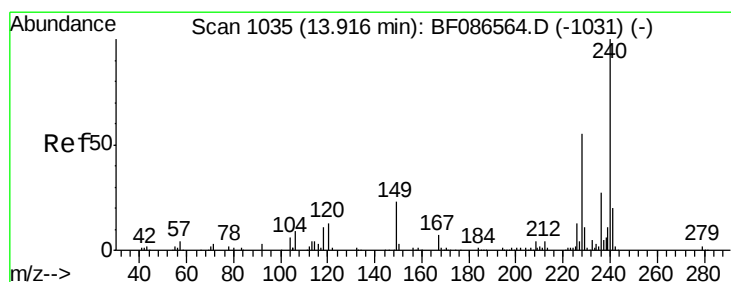
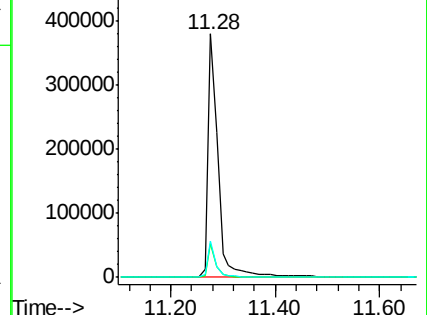
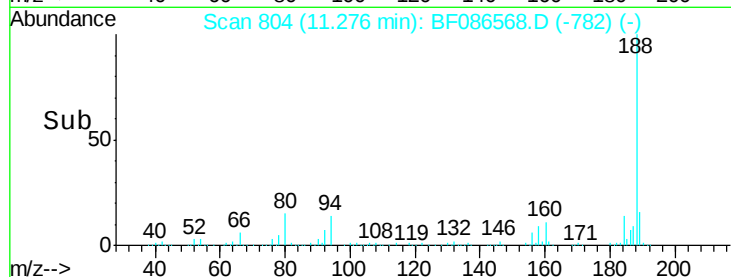
80 15.0 7.1 10.7#



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: BF086568.D

Acq: 1 May 2016 14:11

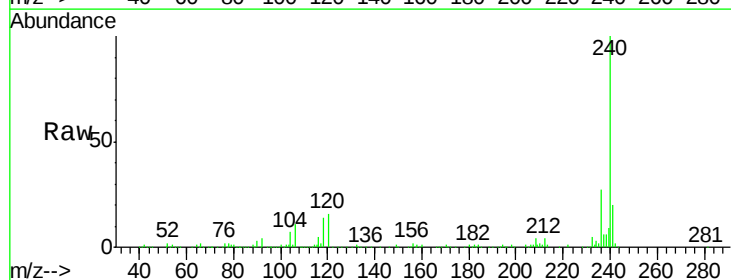
Tgt Ion:240 Resp: 378516

Ion Ratio Lower Upper

240 100

120 16.3 11.2 16.8

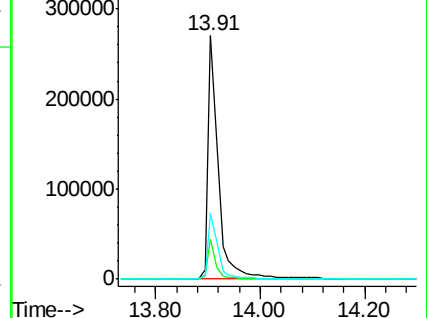
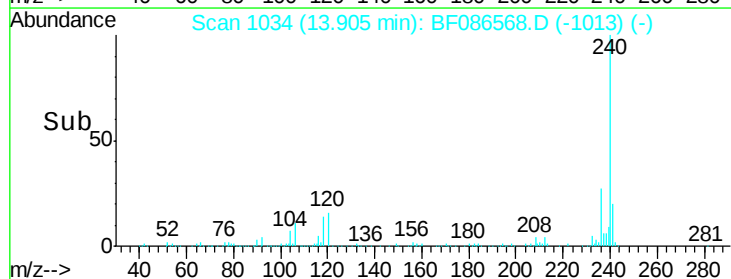
236 27.0 21.2 31.8

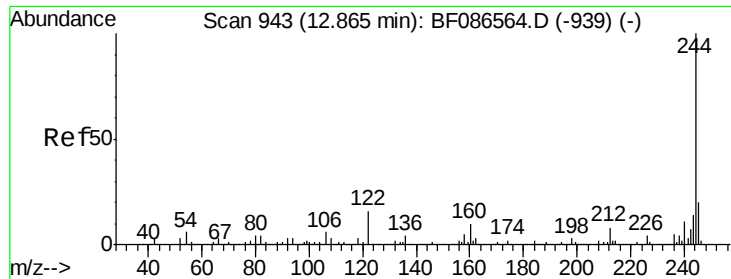


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

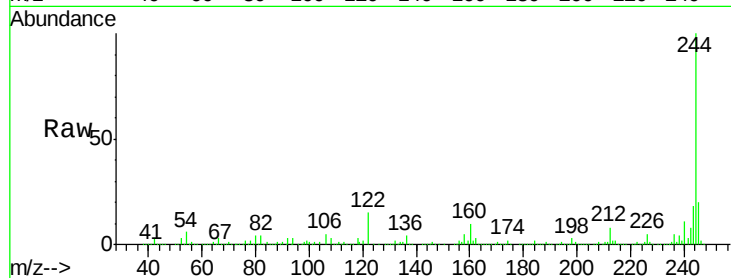




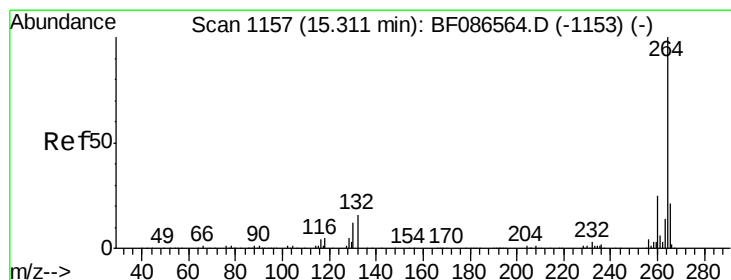
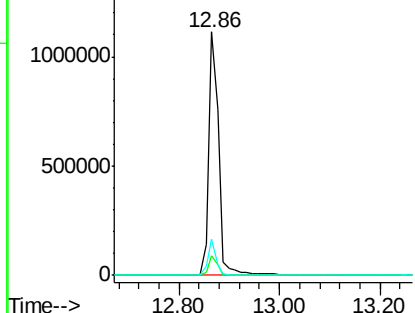
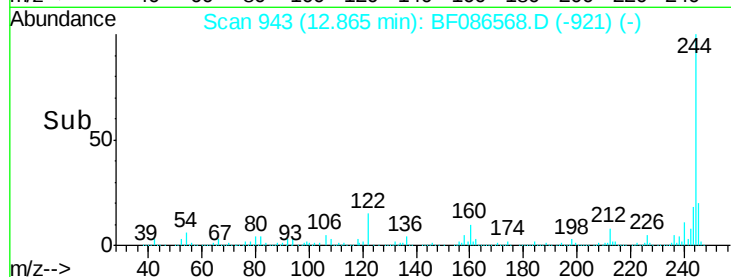
#78
 Terphenyl-d14
 Concen: 88.84 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086568.D
 Acq: 1 May 2016 14:11

Instrument :
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 26WARD-2A-CS-5(0-6FTBGS)

Tgt Ion:244 Resp: 1526358
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 15.1 12.0 18.0

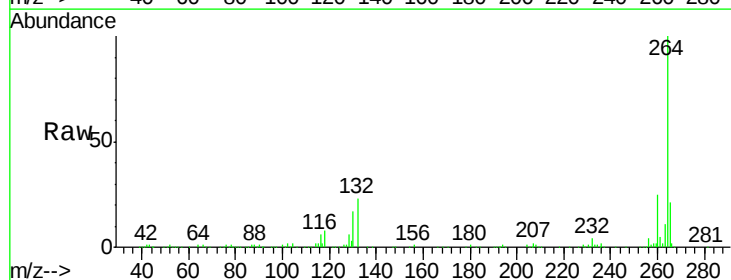


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086568.D
 Acq: 1 May 2016 14:11

Tgt Ion:264 Resp: 342940
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.5 29.3
 265 21.2 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

