

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086588.D
 Acq On : 1 May 2016 23:33
 Operator : UM/SJ
 Sample : PB90099TB
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90099TB

Quant Time: May 02 05:00:12 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	138668	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	567599	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	284186	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	527770	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	361443	20.00	ng	-0.06
86) Perylene-d12	15.30	264	311680	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	964404	119.96	ng	-0.03
7) Phenol-d6	6.41	99	1419985	126.55	ng	-0.03
23) Nitrobenzene-d5	7.33	82	879086	83.48	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	332408	110.92	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1323466	80.58	ng	-0.05
78) Terphenyl-d14	12.87	244	1242433	75.73	ng	-0.05

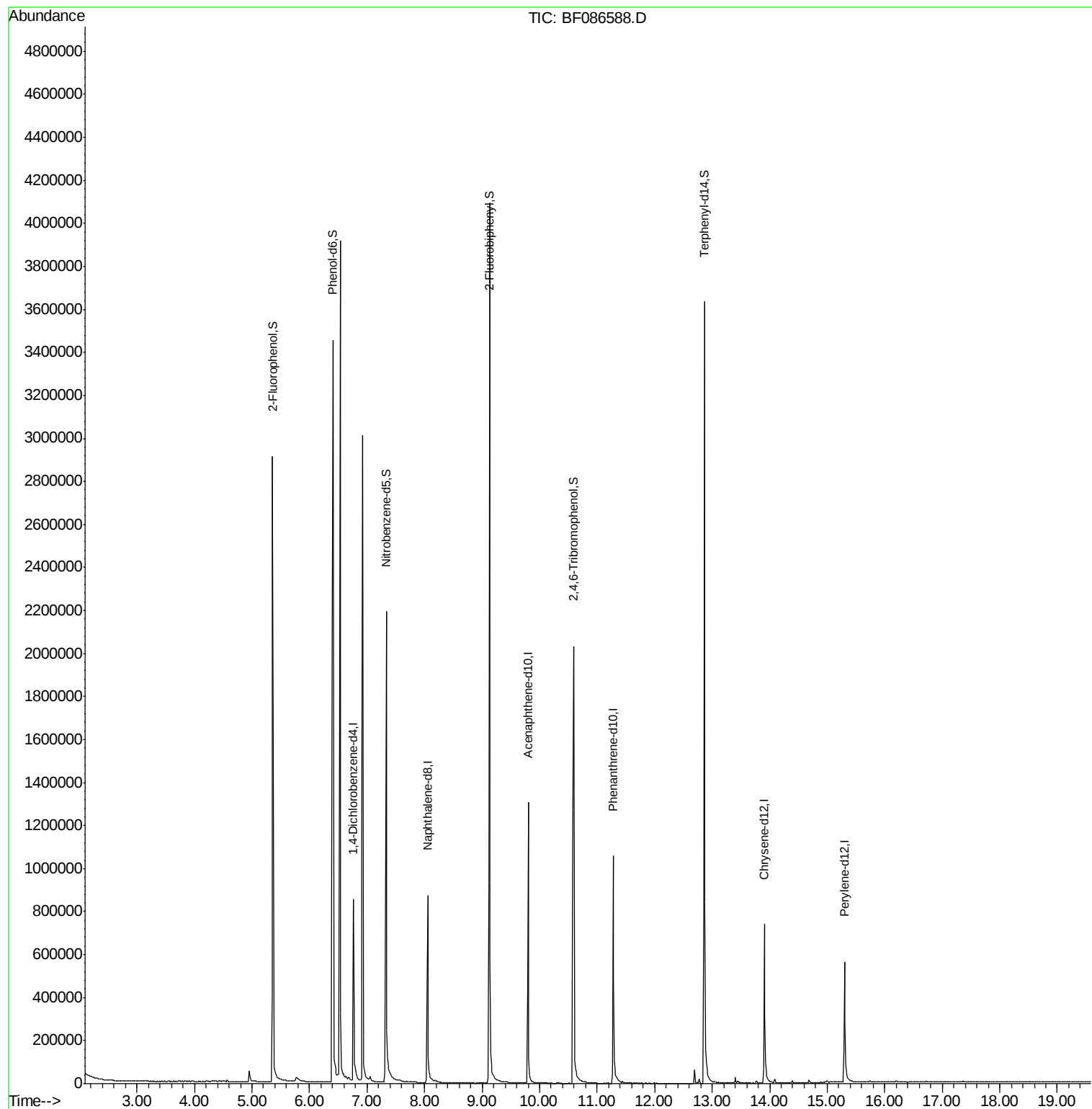
Target Compounds	Qvalue
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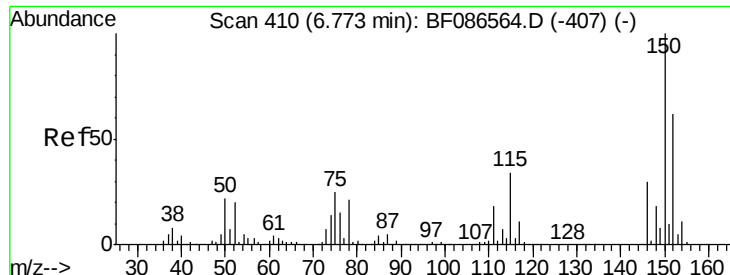
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086588.D

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Instrument :

BNA_F

ClientSampleId :

PB90099TB

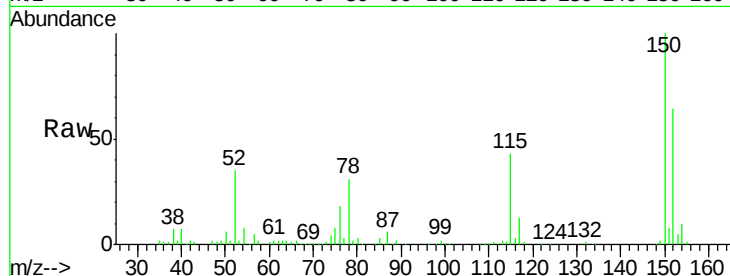
Tgt Ion:152 Resp: 138668

Ion Ratio Lower Upper

152 100

150 157.0 125.8 188.6

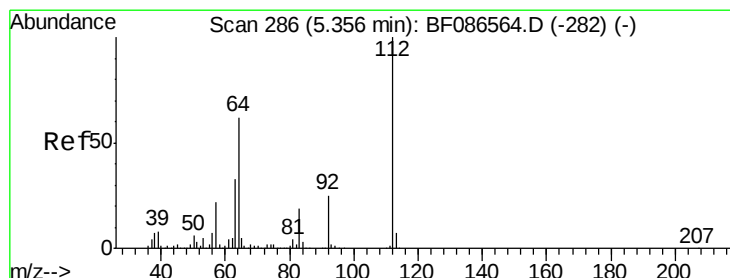
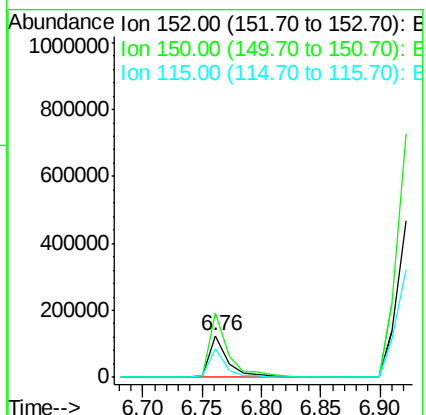
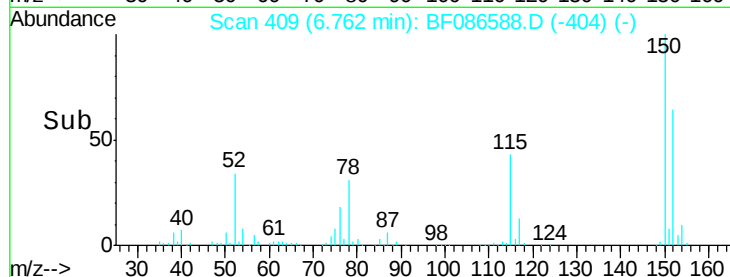
115 67.9 51.5 77.3



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: 119.96 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086588.D

Acq: 1 May 2016 23:33

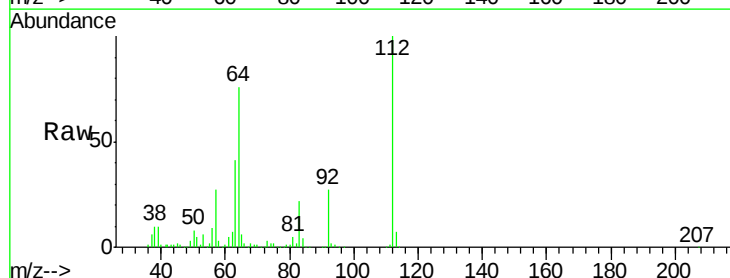
Tgt Ion:112 Resp: 964404

Ion Ratio Lower Upper

112 100

64 75.8 52.1 78.1

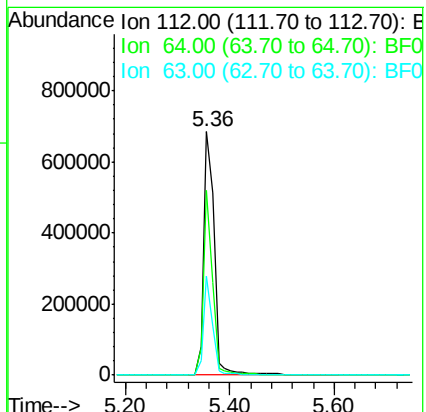
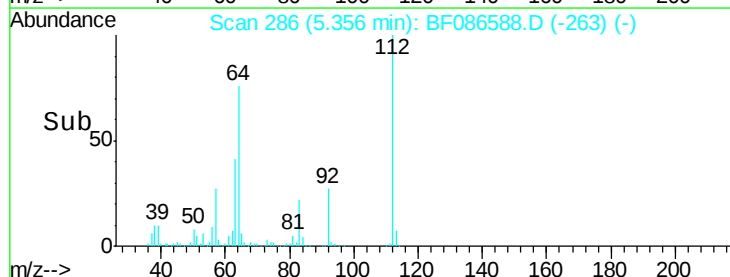
63 40.6 25.7 38.5#

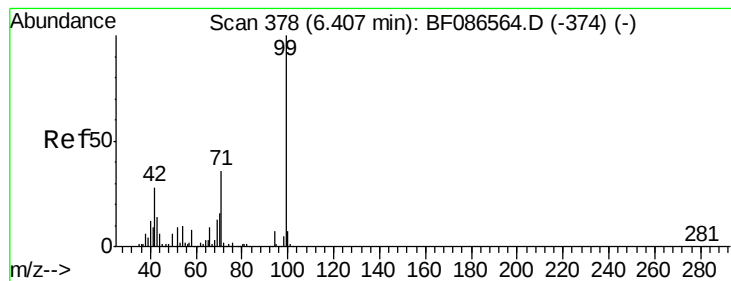


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.55 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086588.D

Acq: 1 May 2016 23:33

Instrument :

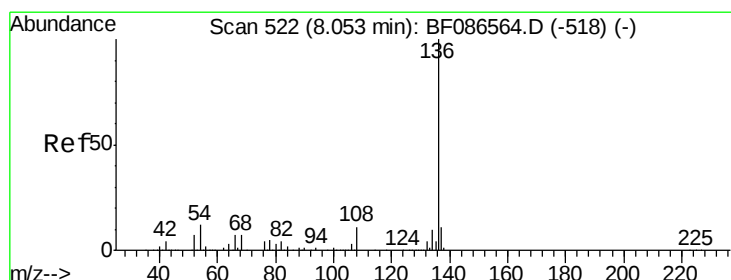
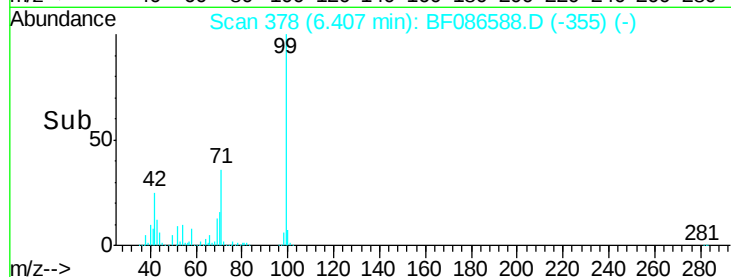
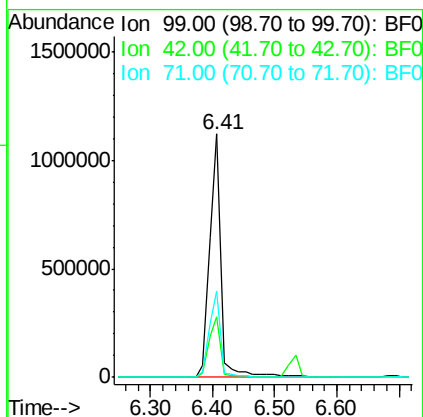
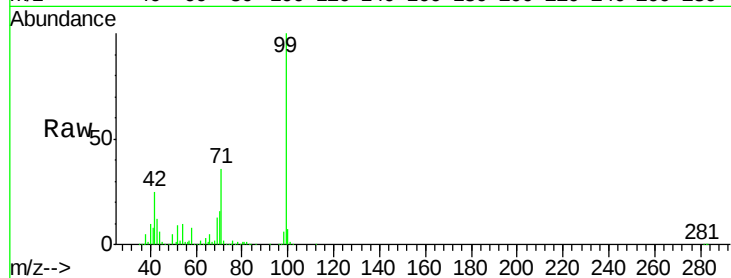
BNA_F

ClientSampled :

PB90099TB

Tgt Ion: 99 Resp: 1419985

Ion	Ratio	Lower	Upper
99	100		
42	24.6	13.6	20.4#
71	35.6	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

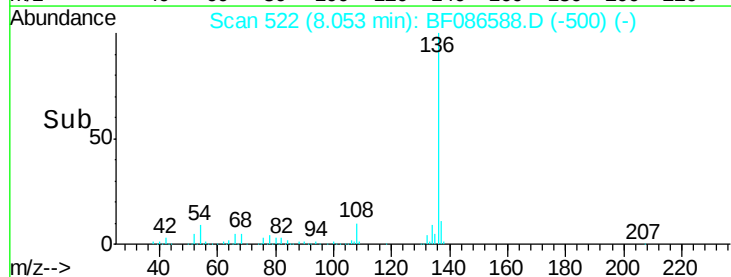
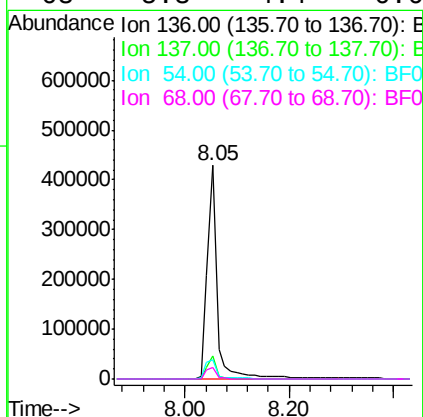
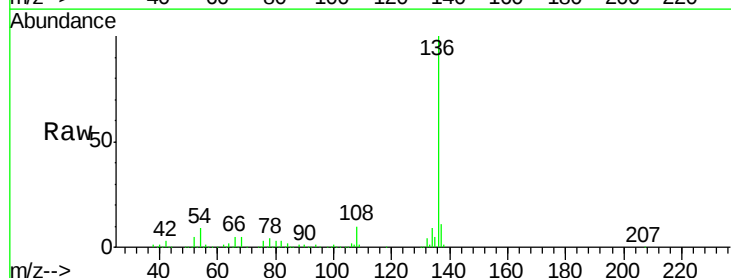
Delta R.T. -0.05 min

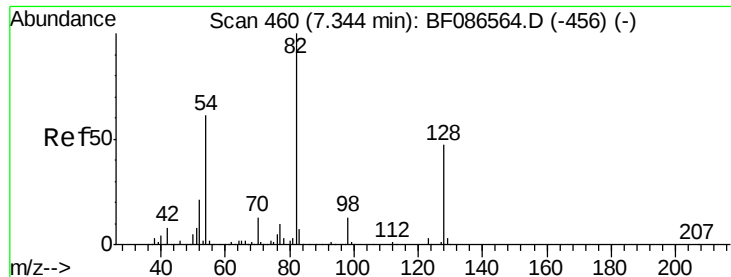
Lab File: BF086588.D

Acq: 1 May 2016 23:33

Tgt Ion: 136 Resp: 567599

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.2	5.0	7.4#
68	5.3	4.4	6.6

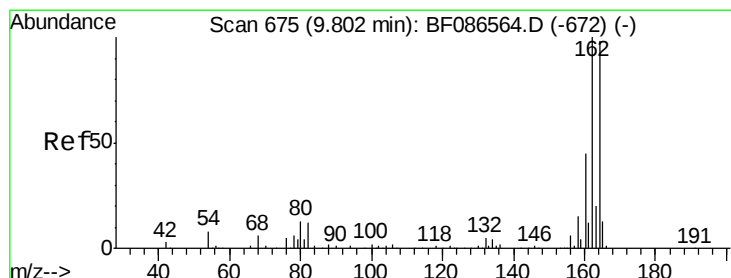
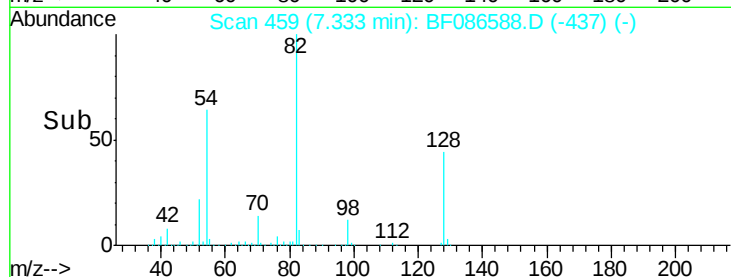
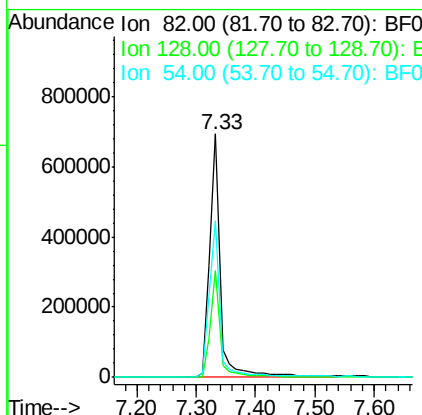
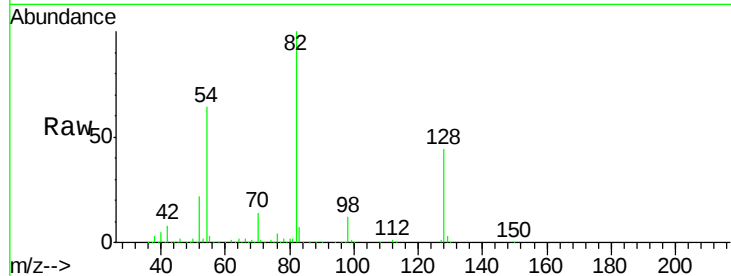




#23
 Nitrobenzene-d5
 Concen: 83.48 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086588.D
 Acq: 1 May 2016 23:33

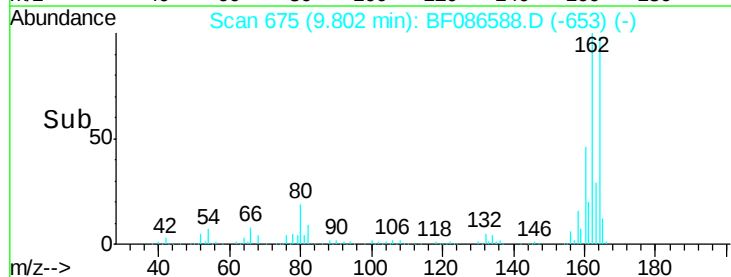
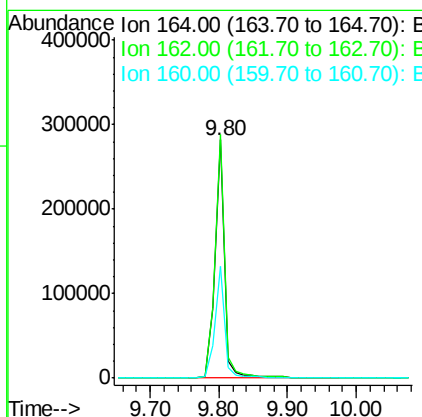
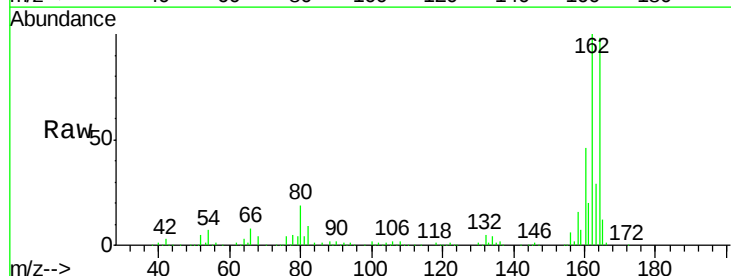
Instrument :
 BNA_F
 ClientSampleId :
 PB90099TB

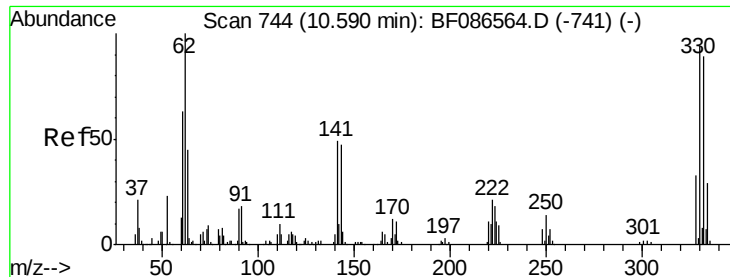
Tgt Ion: 82 Resp: 879086
 Ion Ratio Lower Upper
 82 100
 128 43.9 40.6 61.0
 54 64.2 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086588.D
 Acq: 1 May 2016 23:33

Tgt Ion: 164 Resp: 284186
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.8 124.2
 160 46.8 36.9 55.3

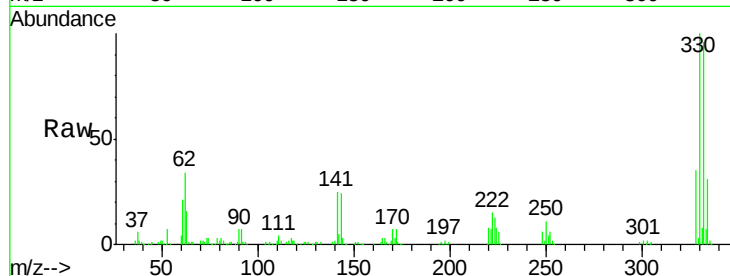




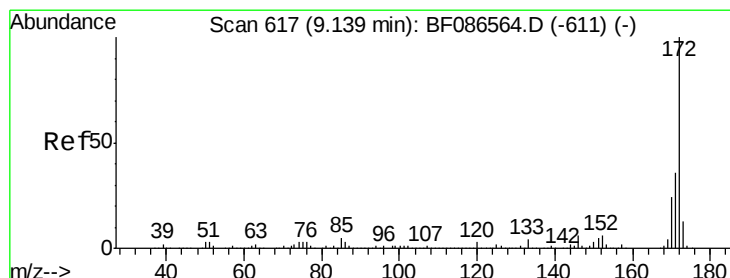
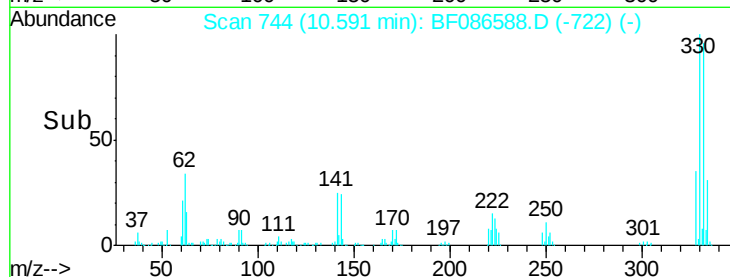
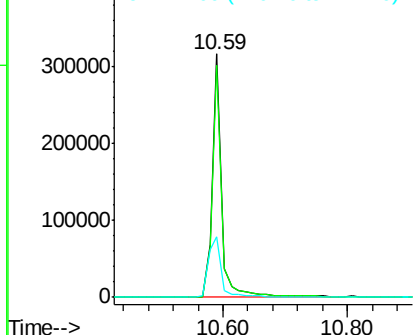
#41
 2,4,6-Tribromophenol
 Concen: 110.92 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086588.D
 Acq: 1 May 2016 23:33

Instrument :
 BNA_F
 ClientSampleId :
 PB90099TB

Tgt Ion:330 Resp: 332408
 Ion Ratio Lower Upper
 330 100
 332 96.8 79.0 118.4
 141 35.7 31.2 46.8

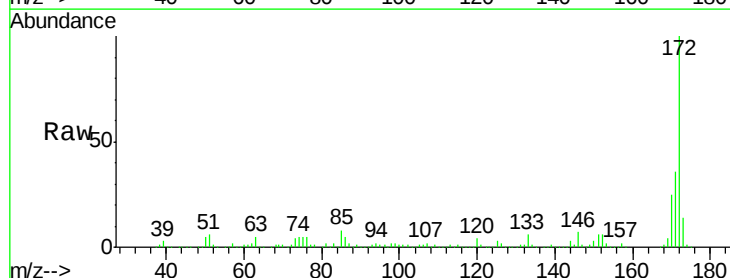


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

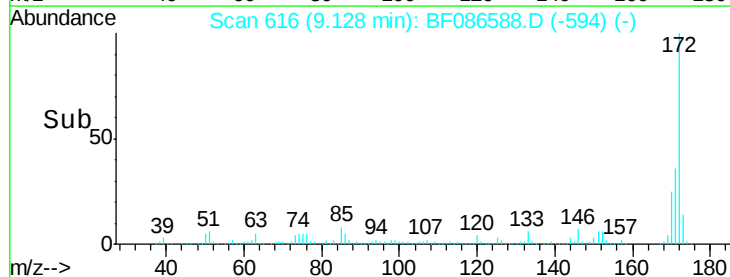
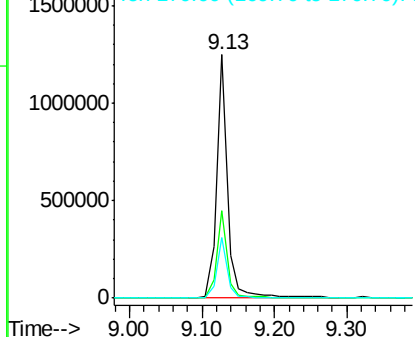


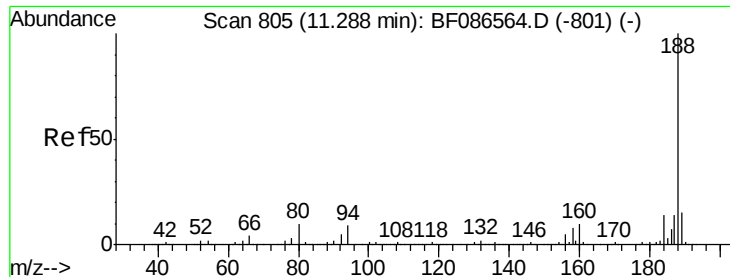
#44
 2-Fluorobiphenyl
 Concen: 80.58 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086588.D
 Acq: 1 May 2016 23:33

Tgt Ion:172 Resp: 1323466
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.8 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

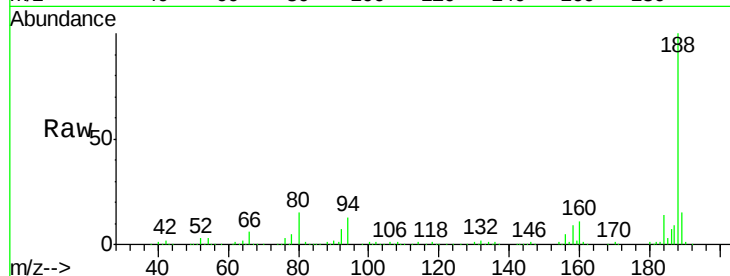




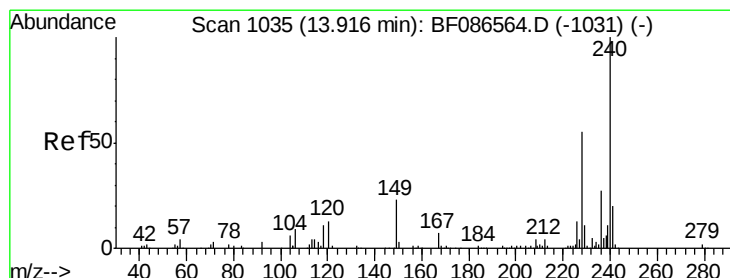
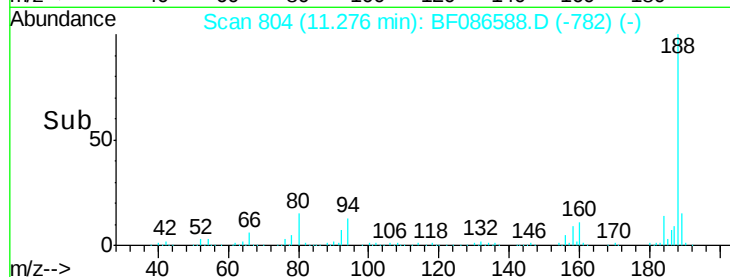
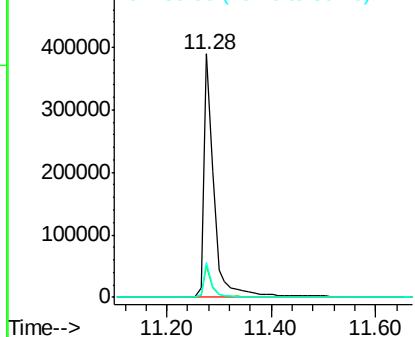
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086588.D
Acq: 1 May 2016 23:33

Instrument :
BNA_F
ClientSampleId :
PB90099TB

Tgt Ion:188 Resp: 527770
Ion Ratio Lower Upper
188 100
94 13.0 6.8 10.2#
80 14.5 7.1 10.7#

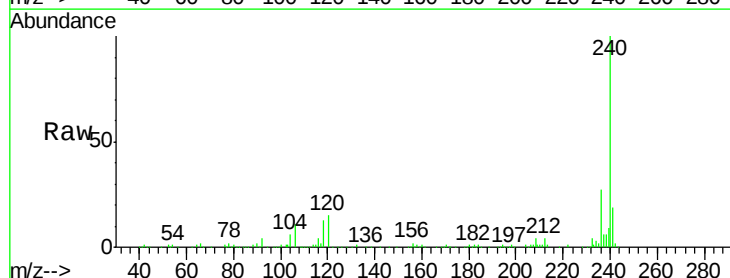


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

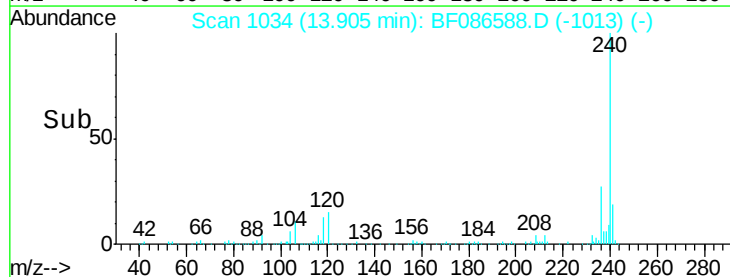
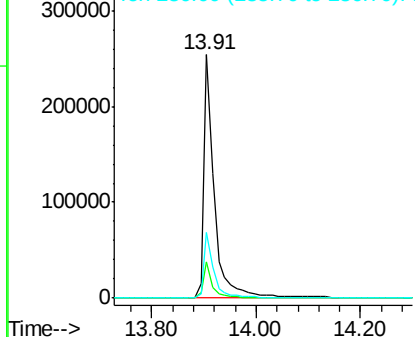


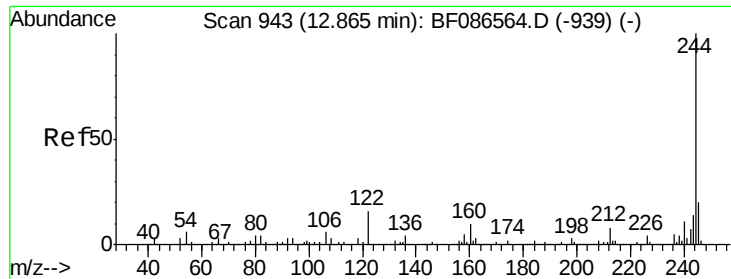
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086588.D
Acq: 1 May 2016 23:33

Tgt Ion:240 Resp: 361443
Ion Ratio Lower Upper
240 100
120 15.0 11.2 16.8
236 27.1 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

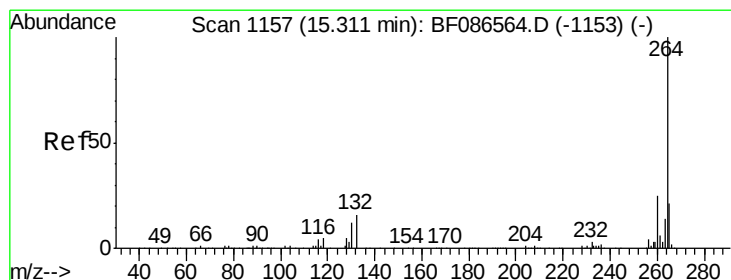
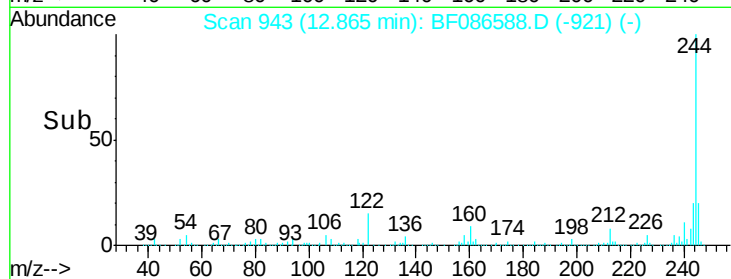
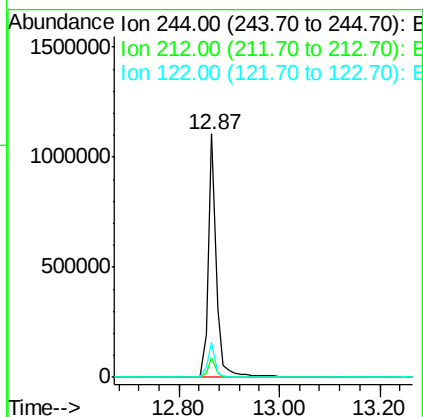
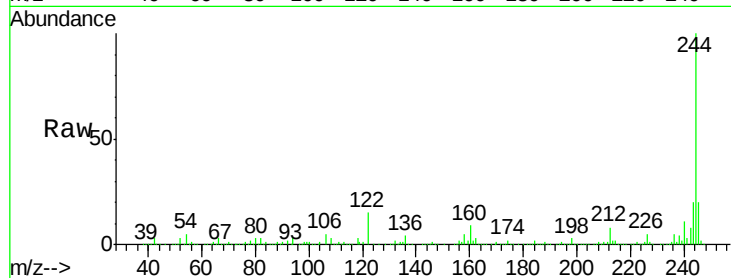




#78
 Terphenyl-d14
 Concen: 75.73 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086588.D
 Acq: 1 May 2016 23:33

Instrument :
 BNA_F
 ClientSampled :
 PB90099TB

Tgt Ion:244 Resp: 1242433
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 14.5 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: BF086588.D
 Acq: 1 May 2016 23:33

Tgt Ion:264 Resp: 311680
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.4 17.3 25.9

