

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086586.D
 Acq On : 1 May 2016 22:36
 Operator : UM/SJ
 Sample : PB90186TB
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90186TB

Quant Time: May 02 04:57:31 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	125099	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	520176	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	259013	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	486714	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	325217	20.00	ng	-0.06
86) Perylene-d12	15.30	264	280193	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	925303	127.58	ng	-0.03
7) Phenol-d6	6.41	99	1378604	136.19	ng	-0.03
23) Nitrobenzene-d5	7.33	82	842344	87.28	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	322700	118.14	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1294706	88.19	ng	-0.05
78) Terphenyl-d14	12.86	244	1177591	79.77	ng	-0.05

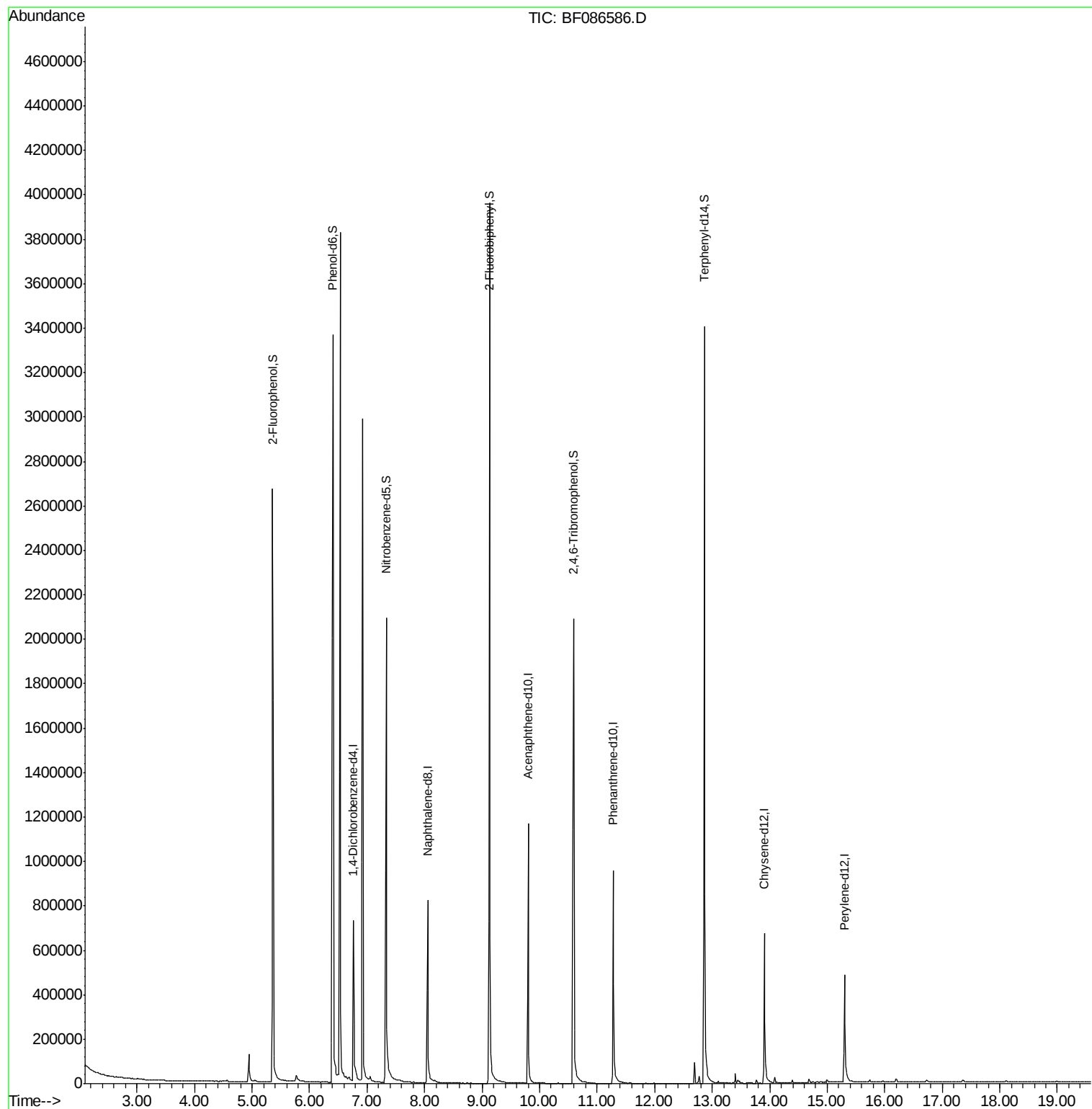
Target Compounds	Qvalue
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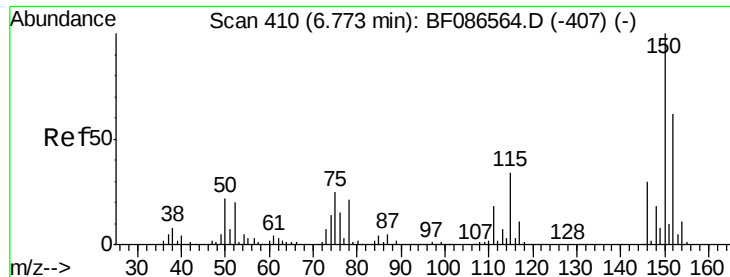
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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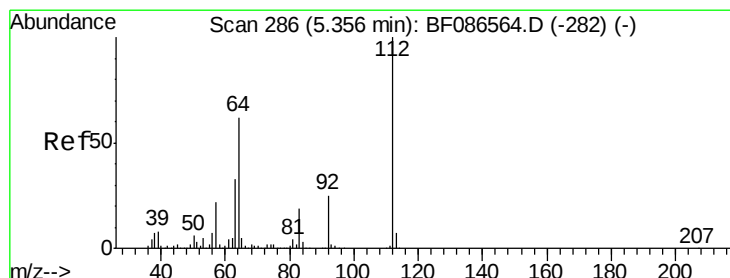
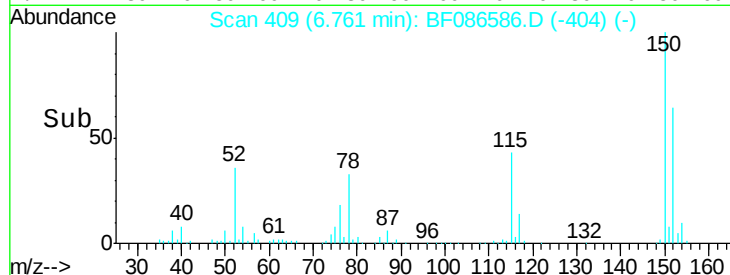
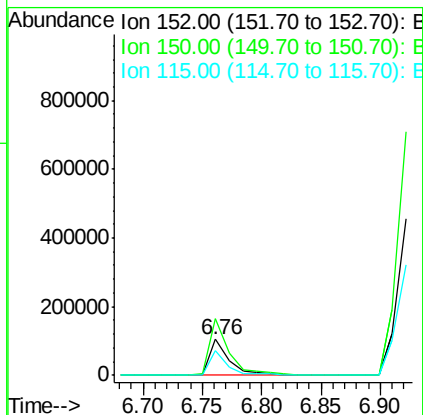
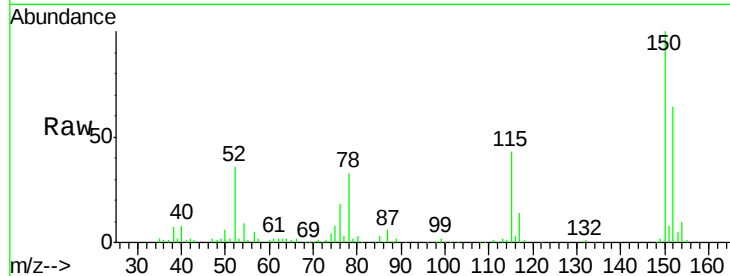


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086586.D
Acq: 1 May 2016 22:36

Instrument :
BNA_F
ClientSampleId :
PB90186TB

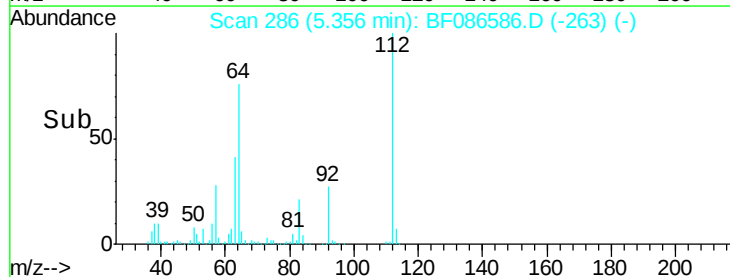
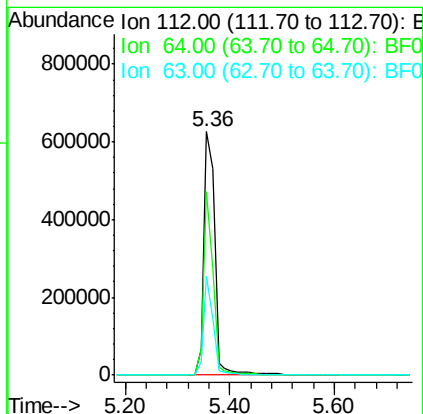
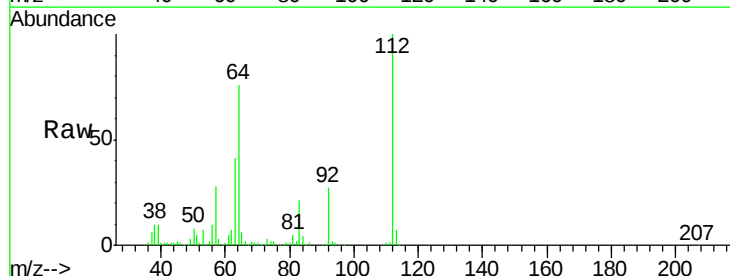
Tgt Ion:152 Resp: 125099
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.6
115 68.1 51.5 77.3

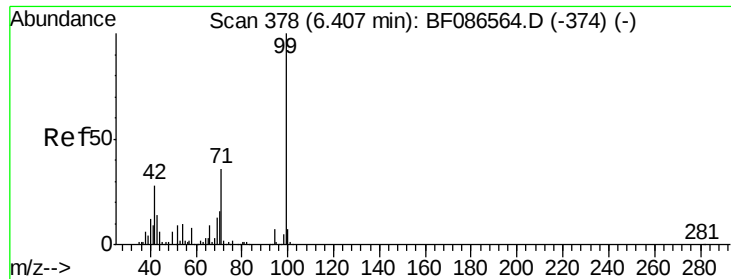


#5

2-Fluorophenol
Concen: 127.58 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086586.D
Acq: 1 May 2016 22:36

Tgt Ion:112 Resp: 925303
Ion Ratio Lower Upper
112 100
64 75.6 52.1 78.1
63 40.6 25.7 38.5#





#7

Phenol-d6

Concen: 136.19 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086586.D

Acq: 1 May 2016 22:36

Instrument :

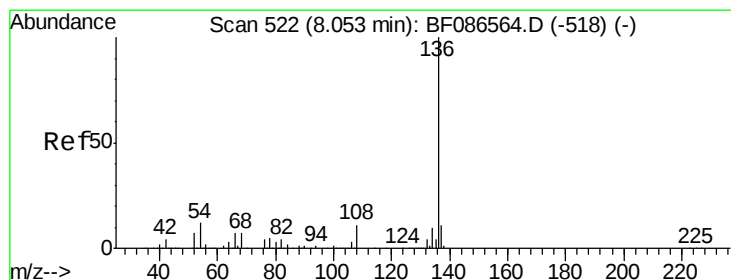
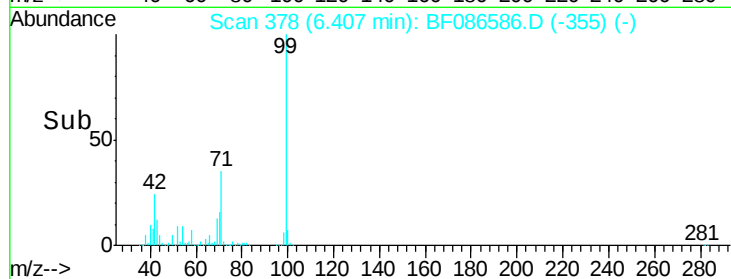
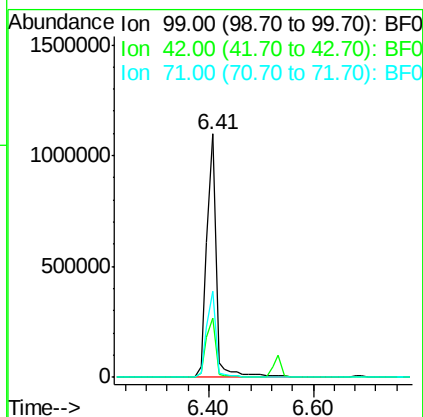
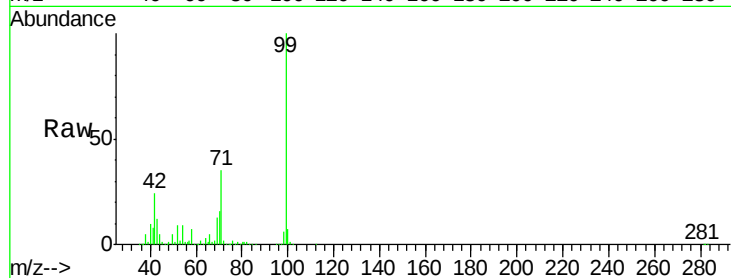
BNA_F

ClientSampleId :

PB90186TB

Tgt Ion: 99 Resp: 1378604

Ion	Ratio	Lower	Upper
99	100		
42	24.3	13.6	20.4#
71	35.2	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

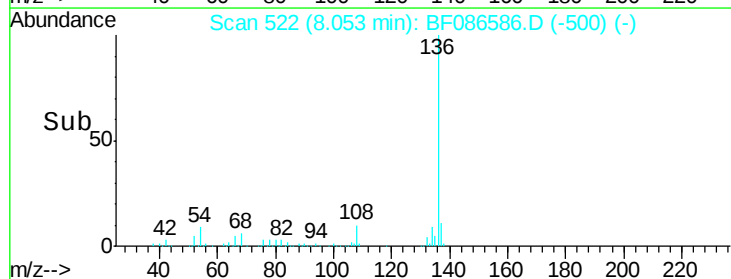
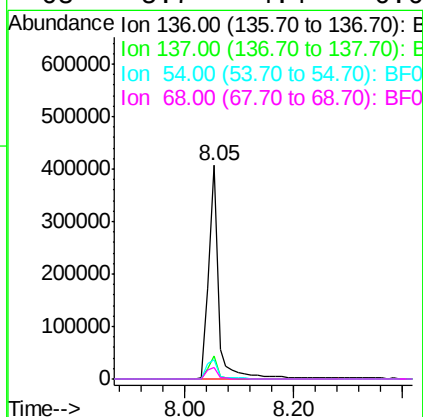
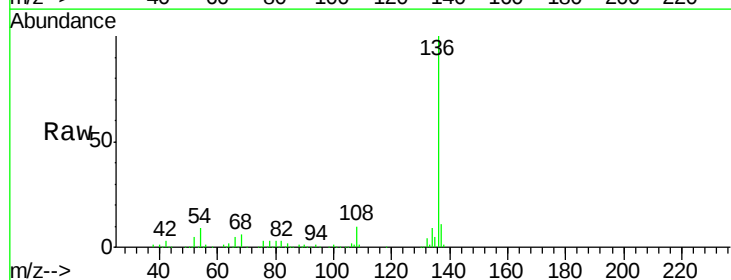
Delta R.T. -0.05 min

Lab File: BF086586.D

Acq: 1 May 2016 22:36

Tgt Ion: 136 Resp: 520176

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.0	5.0	7.4#
68	5.7	4.4	6.6

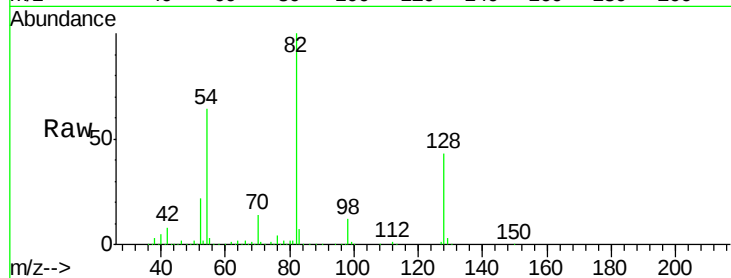




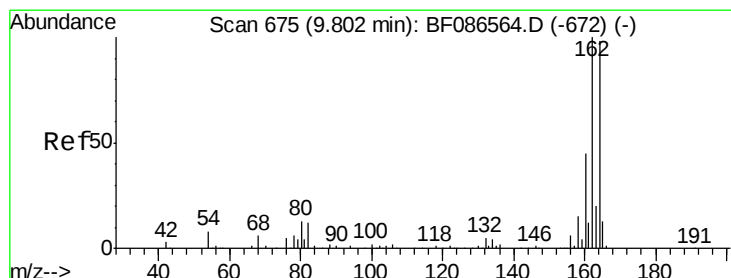
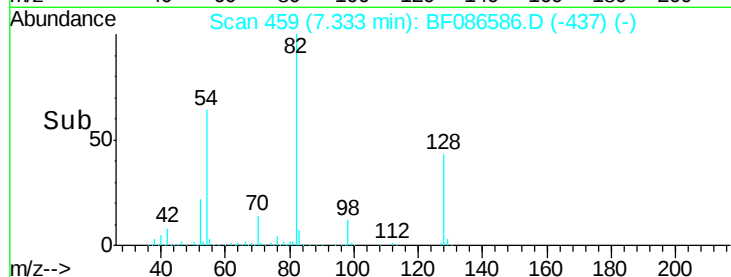
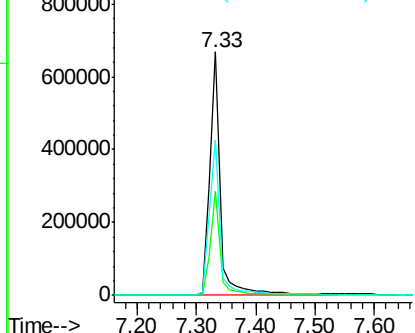
#23
 Nitrobenzene-d5
 Concen: 87.28 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086586.D
 Acq: 1 May 2016 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90186TB

Tgt Ion: 82 Resp: 842344
 Ion Ratio Lower Upper
 82 100
 128 42.7 40.6 61.0
 54 63.6 38.1 57.1#

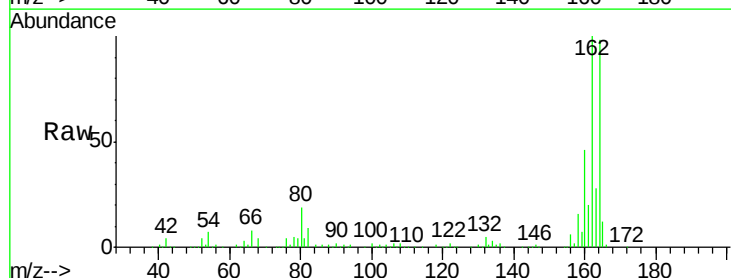


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

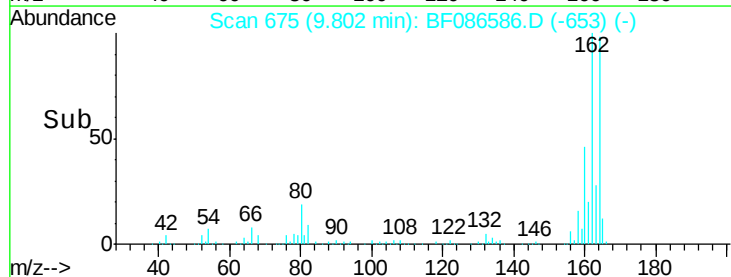
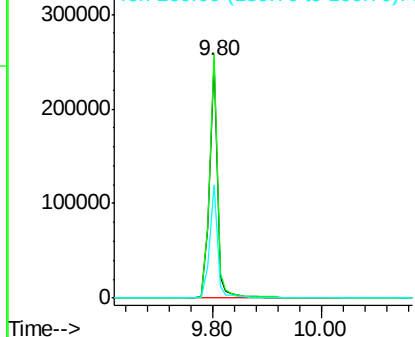


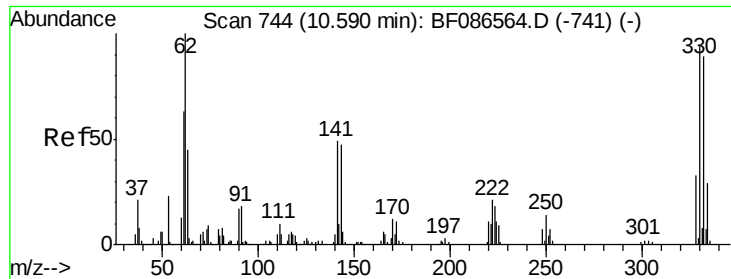
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086586.D
 Acq: 1 May 2016 22:36

Tgt Ion: 164 Resp: 259013
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.8 124.2
 160 47.4 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

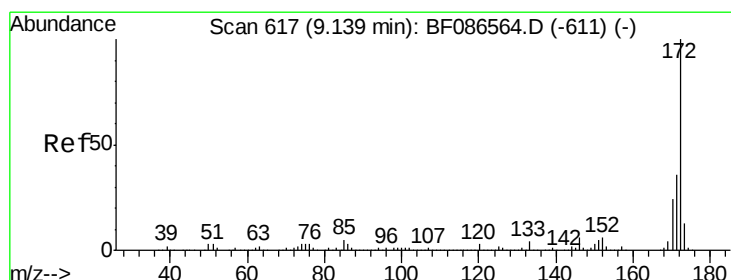
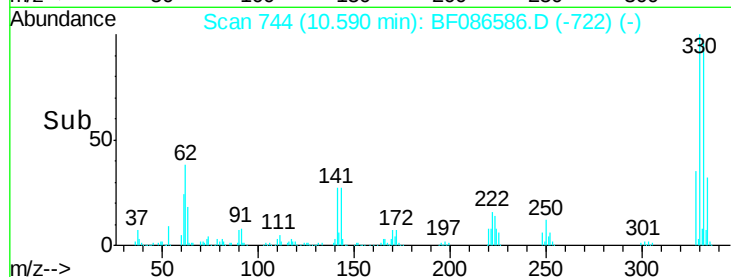
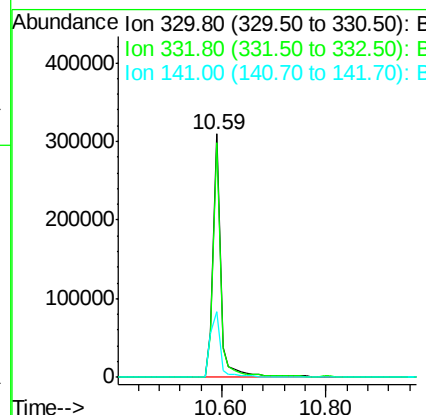
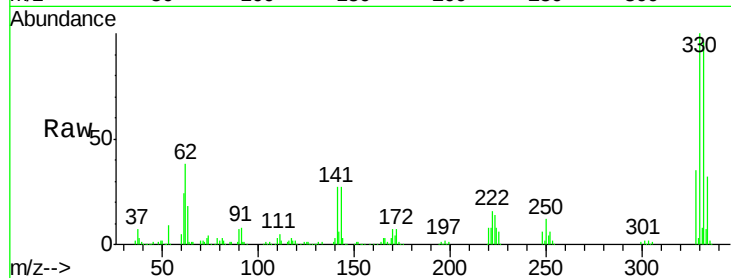




#41
 2,4,6-Tribromophenol
 Concen: 118.14 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086586.D
 Acq: 1 May 2016 22:36

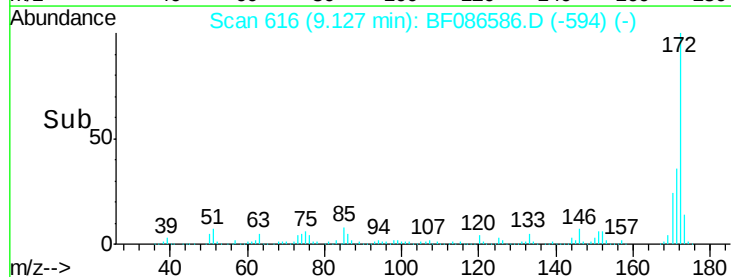
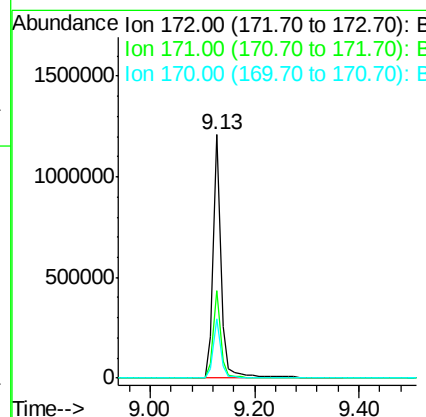
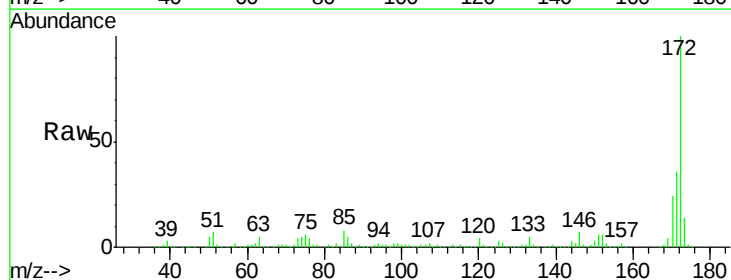
Instrument :
 BNA_F
 ClientSampleId :
 PB90186TB

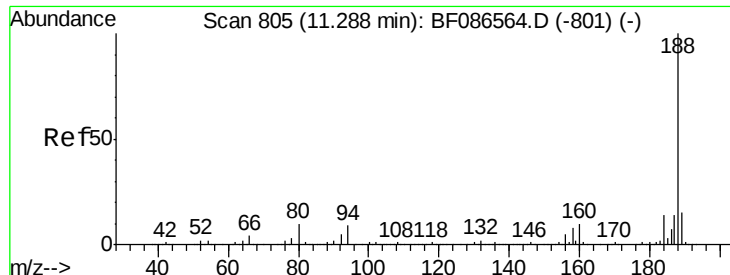
Tgt Ion:330 Resp: 322700
 Ion Ratio Lower Upper
 330 100
 332 95.1 79.0 118.4
 141 36.0 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 88.19 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086586.D
 Acq: 1 May 2016 22:36

Tgt Ion:172 Resp: 1294706
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.3 19.8 29.8

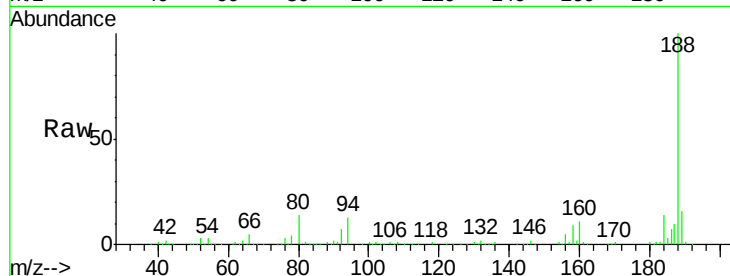




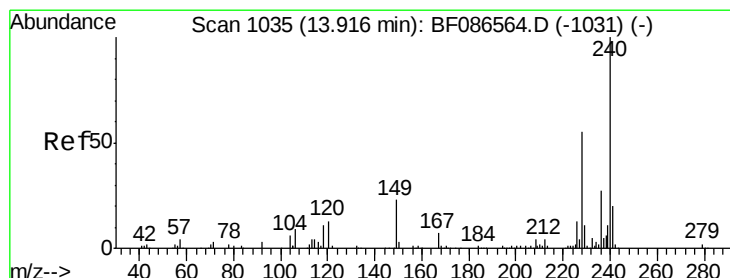
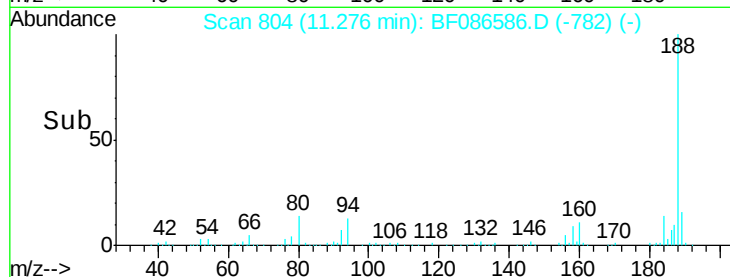
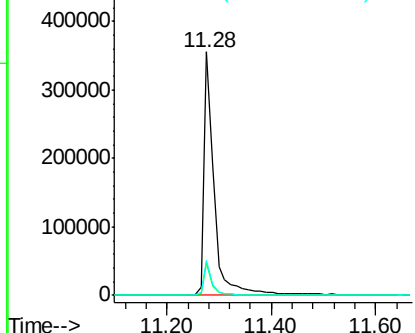
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086586.D
Acq: 1 May 2016 22:36

Instrument :
BNA_F
ClientSampleId :
PB90186TB

Tgt Ion:188 Resp: 486714
Ion Ratio Lower Upper
188 100
94 13.3 6.8 10.2#
80 14.4 7.1 10.7#

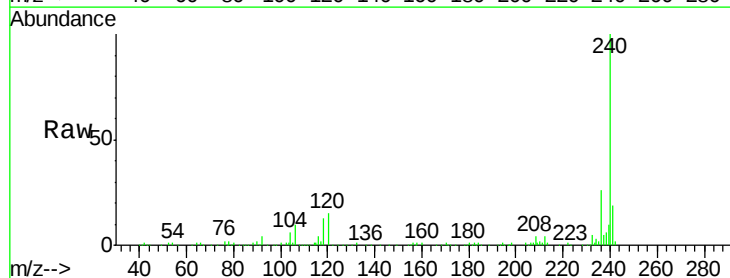


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

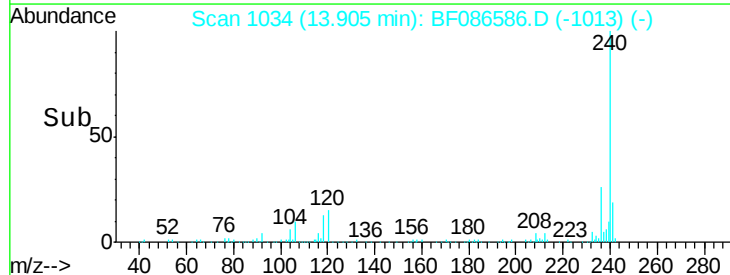
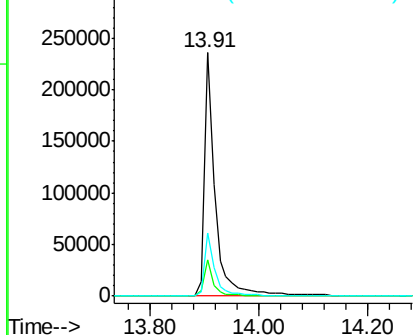


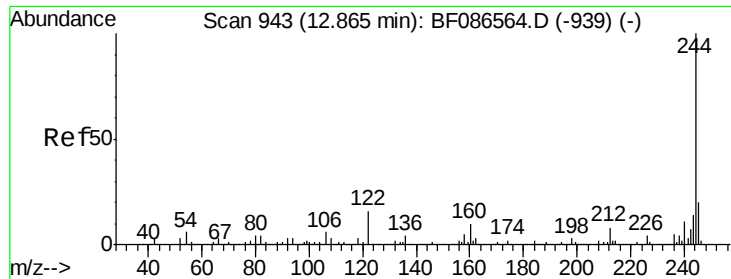
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086586.D
Acq: 1 May 2016 22:36

Tgt Ion:240 Resp: 325217
Ion Ratio Lower Upper
240 100
120 14.8 11.2 16.8
236 26.0 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

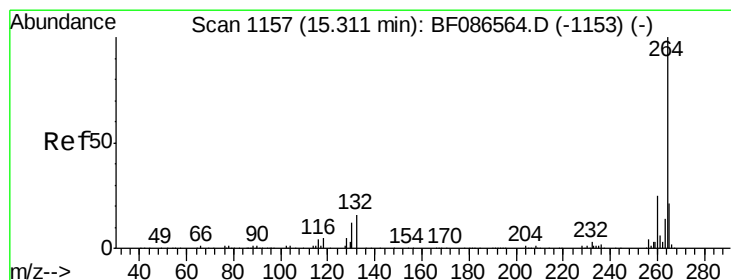
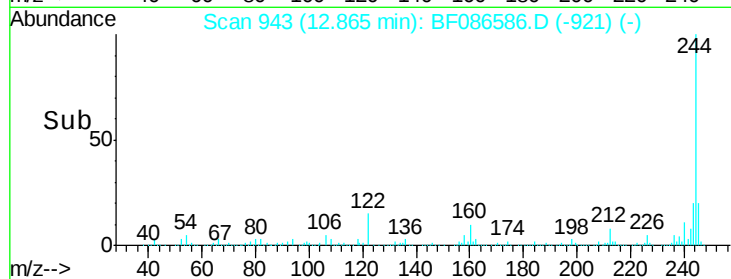
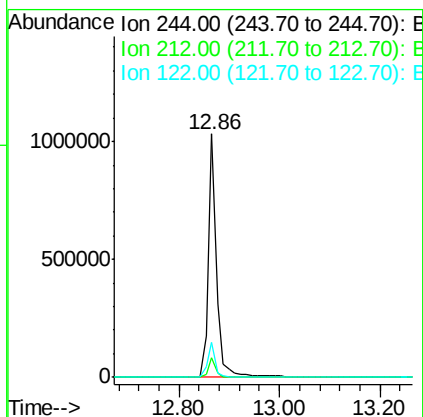
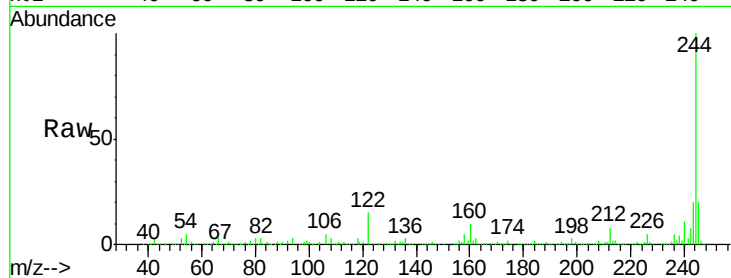




#78
 Terphenyl-d14
 Concen: 79.77 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086586.D
 Acq: 1 May 2016 22:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90186TB

Tgt Ion:244 Resp: 1177591
 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: BF086586.D
 Acq: 1 May 2016 22:36

Tgt Ion:264 Resp: 280193
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.3 17.3 25.9

