

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086524.D
 Acq On : 30 Apr 2016 15:27
 Operator : UM/SJ
 Sample : PB90186BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BL

Quant Time: May 01 04:05:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	126068	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	571617	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	273540	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	545092	20.00	ng	0.00
75) Chrysene-d12	13.92	240	481803	20.00	ng	0.00
86) Perylene-d12	15.31	264	369774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1012301	138.50	ng	0.01
7) Phenol-d6	6.41	99	1395065	136.76	ng	0.00
23) Nitrobenzene-d5	7.33	82	862893	81.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	316299	109.65	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1292042	82.04	ng	-0.01
78) Terphenyl-d14	12.88	244	1442872	65.98	ng	0.00

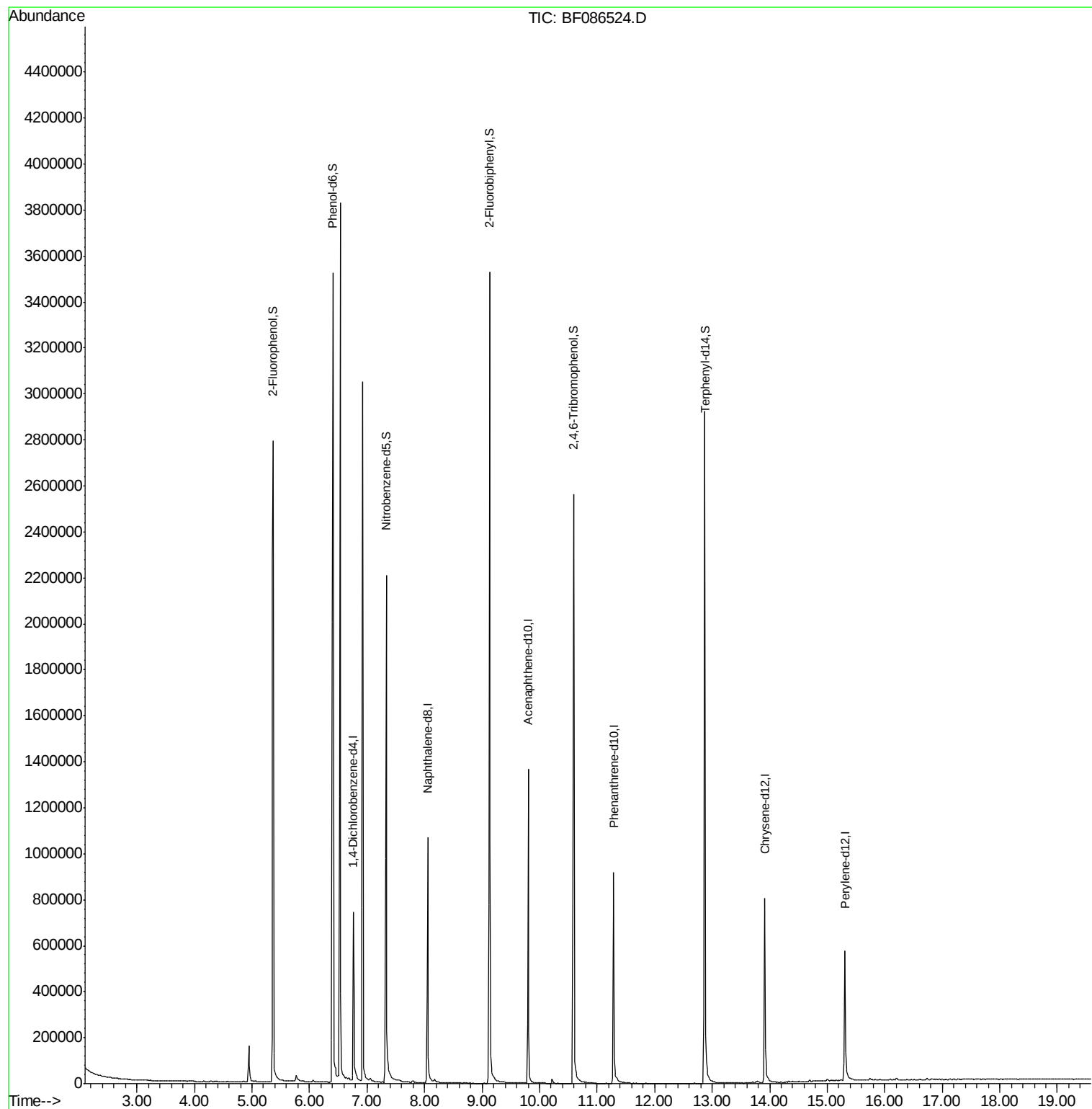
Target Compounds	Qvalue
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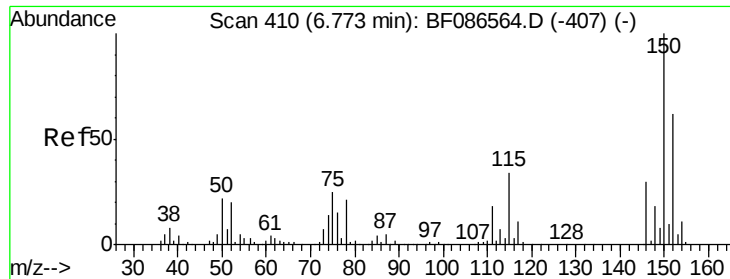
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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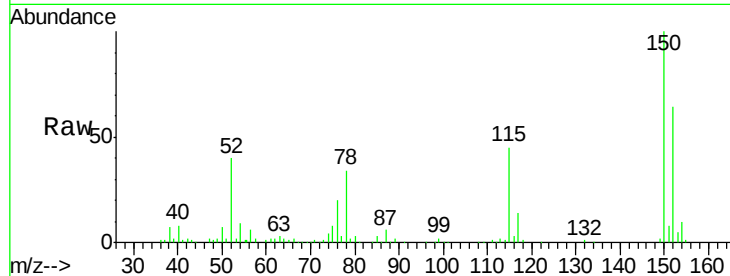


#1

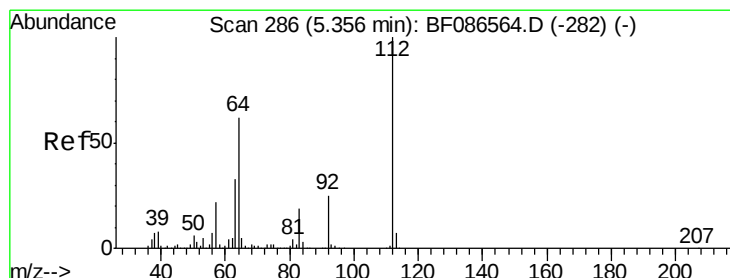
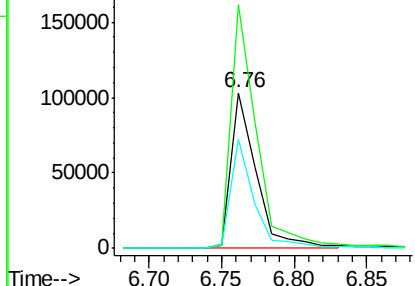
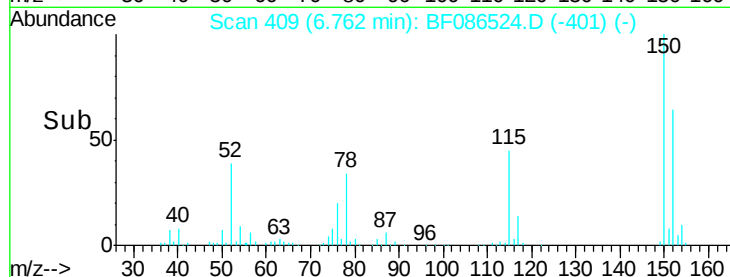
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086524.D
Acq: 30 Apr 2016 15:27

Instrument :
BNA_F
ClientSampleId :
PB90186BL

Tgt Ion:152 Resp: 126068
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 70.3 51.5 77.3



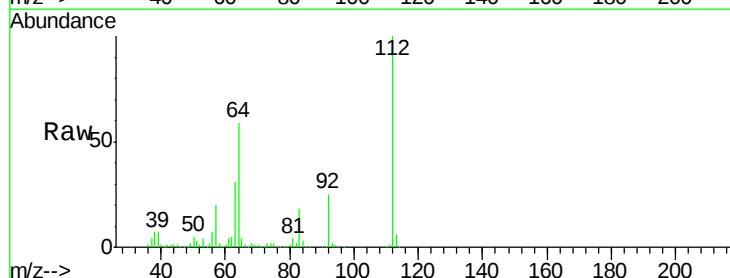
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



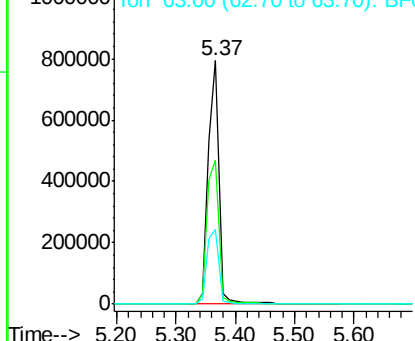
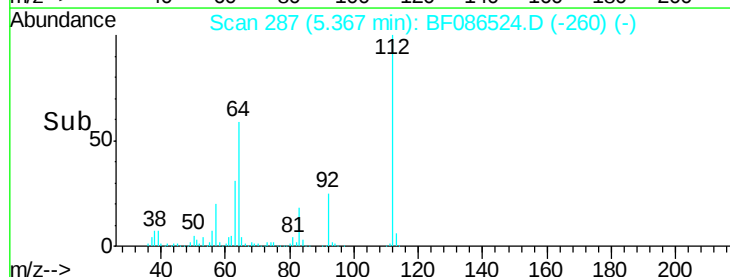
#5

2-Fluorophenol
Concen: 138.50 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086524.D
Acq: 30 Apr 2016 15:27

Tgt Ion:112 Resp: 1012301
Ion Ratio Lower Upper
112 100
64 58.9 52.1 78.1
63 30.8 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: 136.76 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086524.D

Acq: 30 Apr 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB90186BL

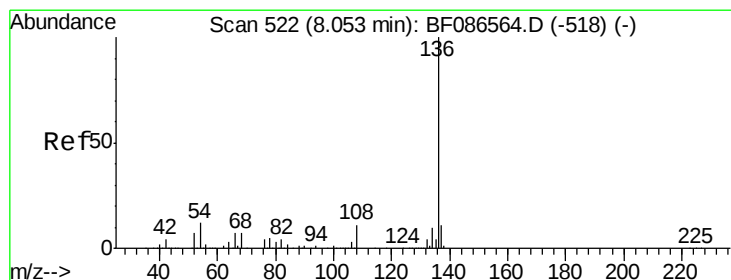
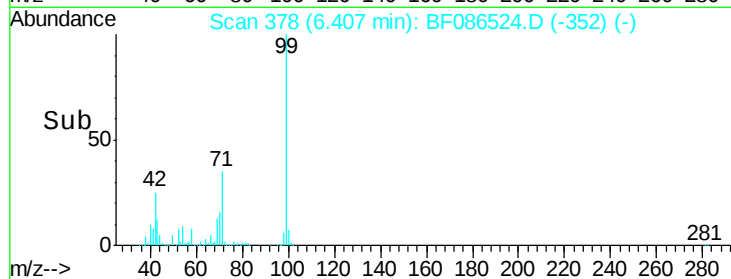
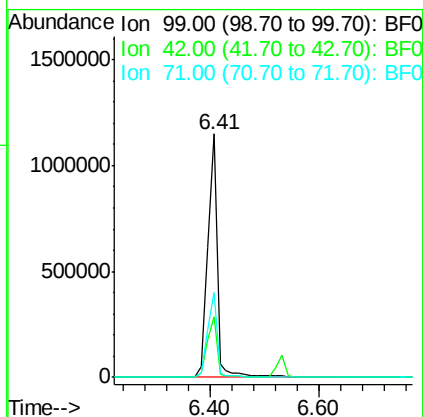
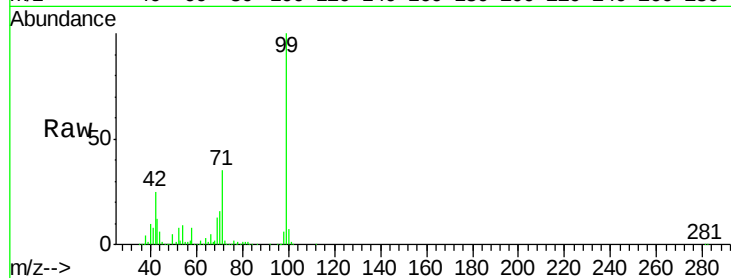
Tgt Ion: 99 Resp: 1395065

Ion Ratio Lower Upper

99 100

42 24.6 13.6 20.4#

71 34.8 24.6 36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086524.D

Acq: 30 Apr 2016 15:27

Tgt Ion: 136 Resp: 571617

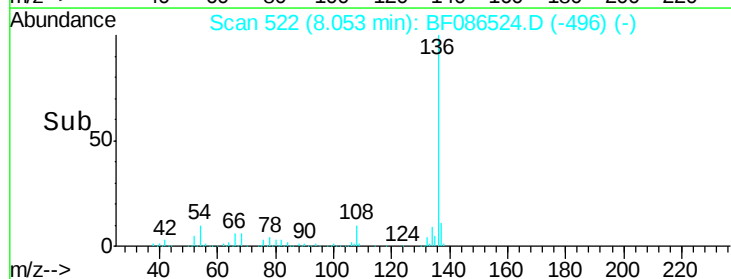
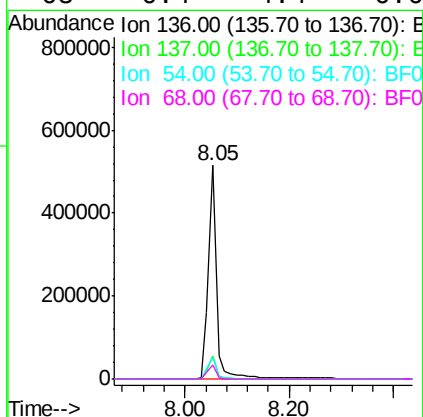
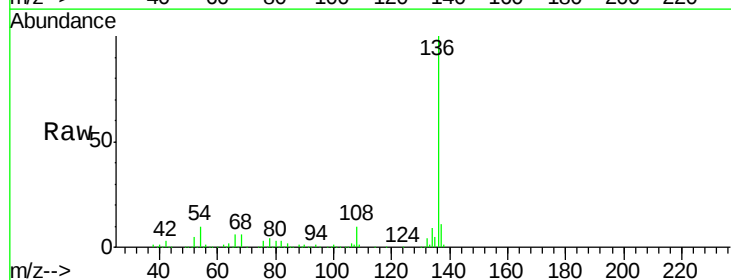
Ion Ratio Lower Upper

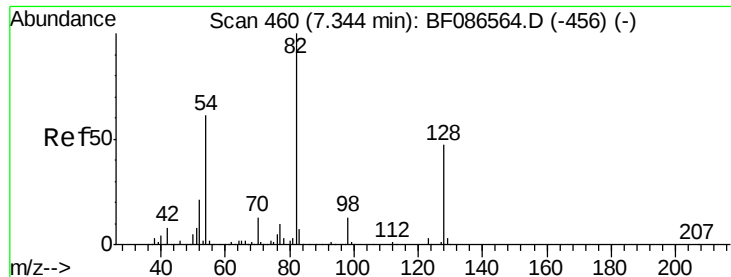
136 100

137 10.7 8.8 13.2

54 10.3 5.0 7.4#

68 6.4 4.4 6.6

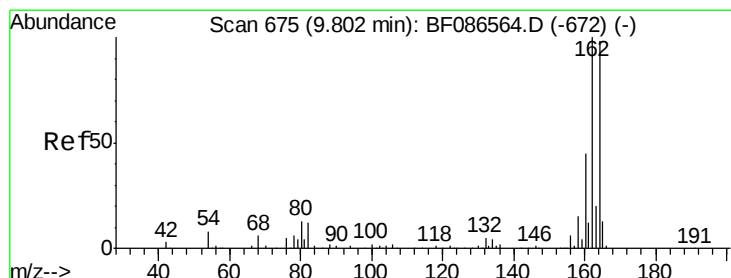
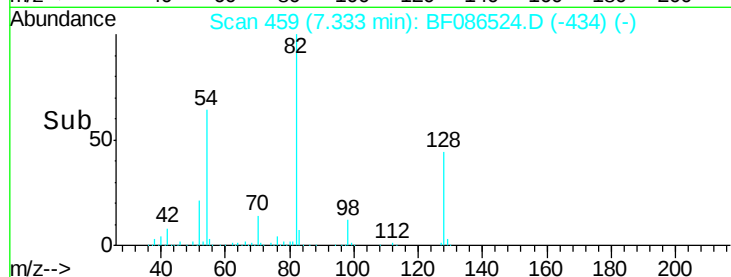
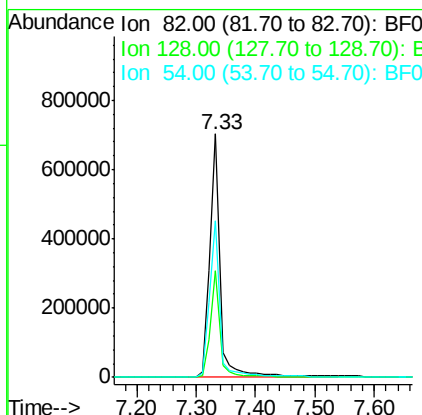
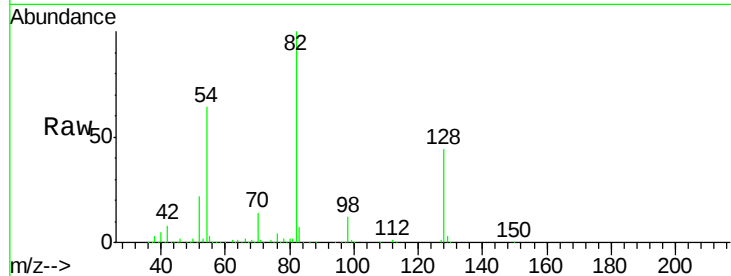




#23
 Nitrobenzene-d5
 Concen: 81.37 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086524.D
 Acq: 30 Apr 2016 15:27

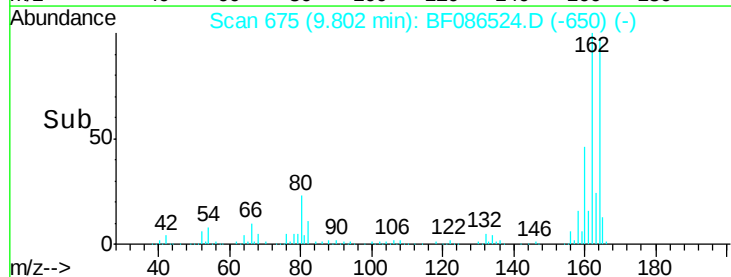
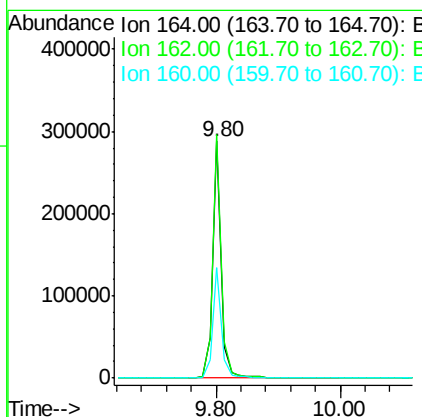
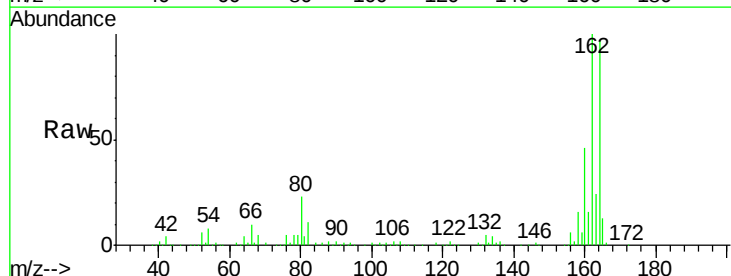
Instrument :
 BNA_F
 ClientSampleId :
 PB90186BL

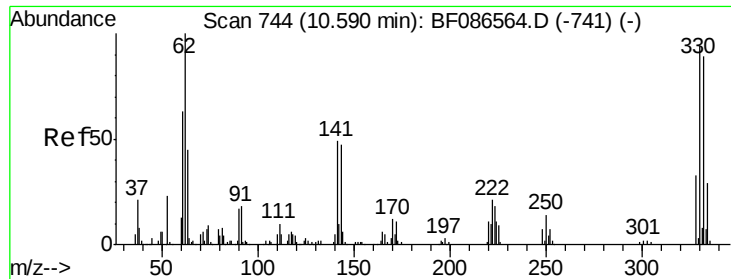
Tgt Ion: 82 Resp: 862893
 Ion Ratio Lower Upper
 82 100
 128 43.7 40.6 61.0
 54 64.3 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086524.D
 Acq: 30 Apr 2016 15:27

Tgt Ion: 164 Resp: 273540
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.8 124.2
 160 46.8 36.9 55.3

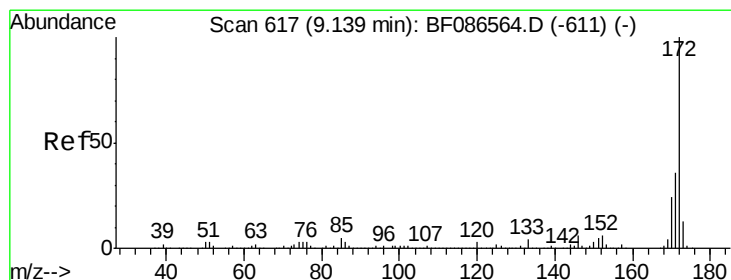
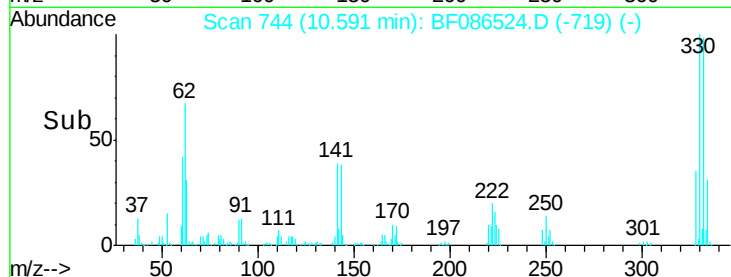
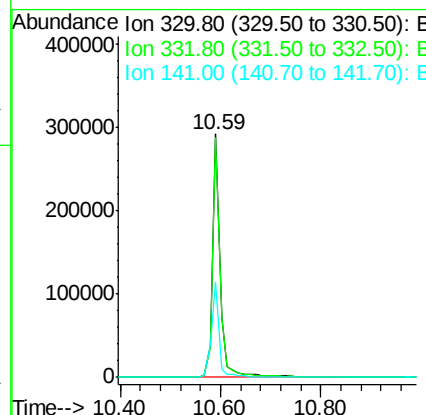
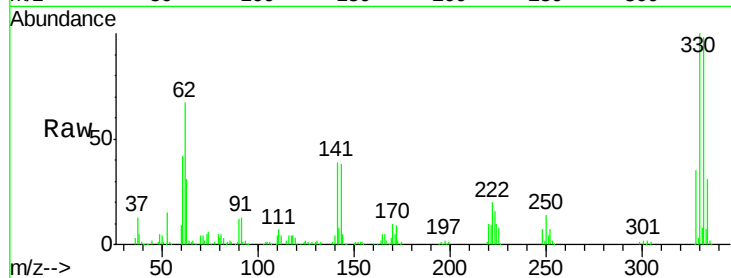




#41
 2,4,6-Tribromophenol
 Concen: 109.65 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086524.D
 Acq: 30 Apr 2016 15:27

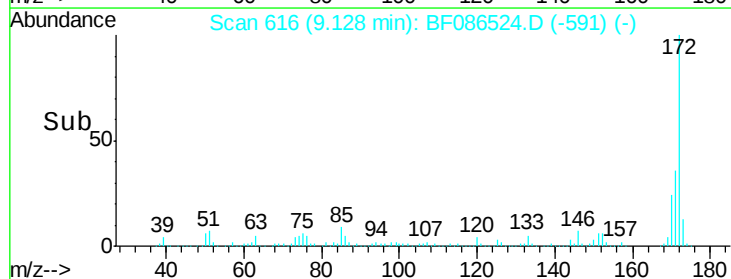
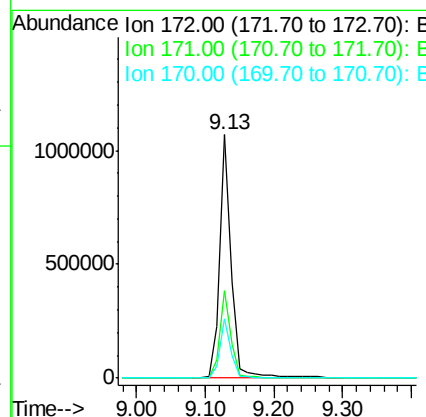
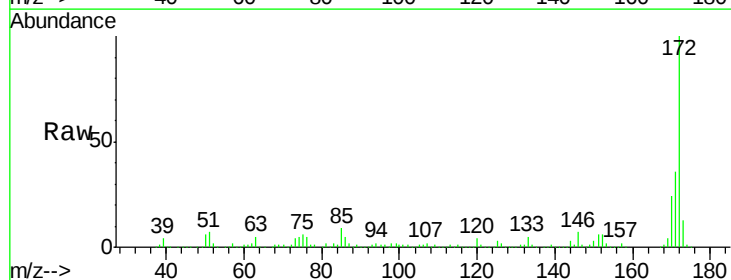
Instrument :
 BNA_F
 ClientSampleId :
 PB90186BL

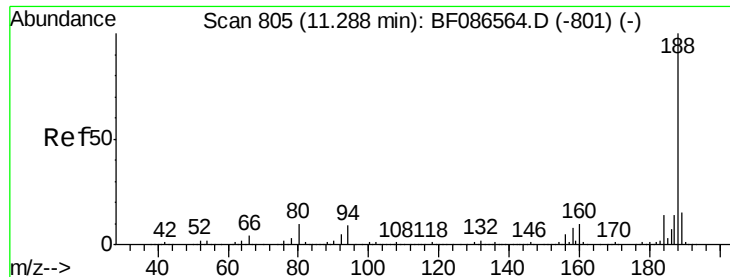
Tgt Ion:330 Resp: 316299
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 39.4 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 82.04 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086524.D
 Acq: 30 Apr 2016 15:27

Tgt Ion:172 Resp: 1292042
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.0 43.6
 170 24.1 19.8 29.8

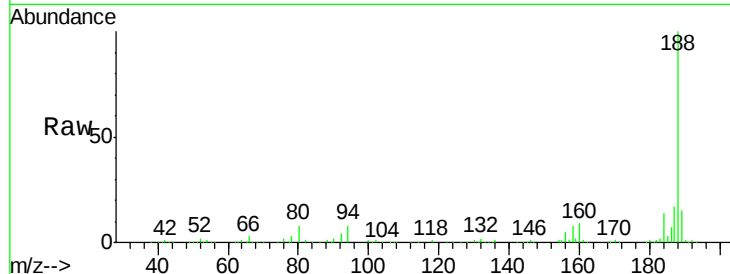




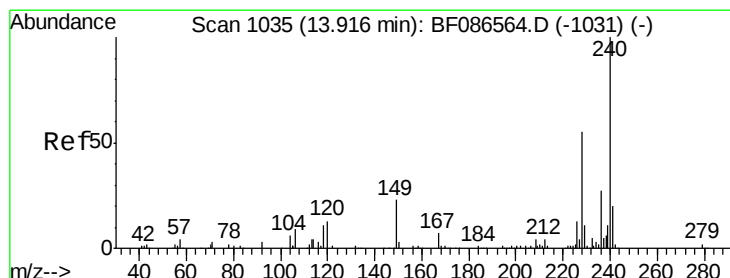
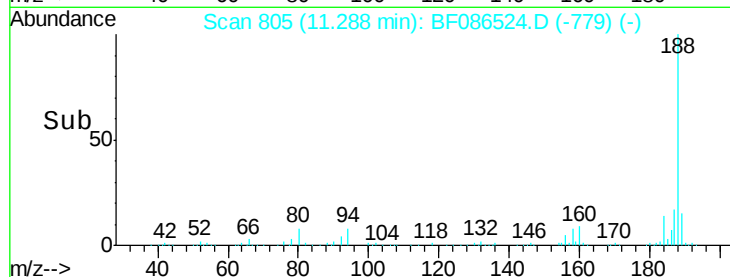
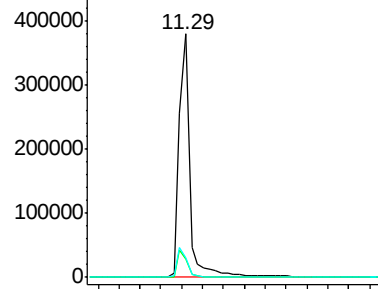
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086524.D
Acq: 30 Apr 2016 15:27

Instrument :
BNA_F
ClientSampleId :
PB90186BL

Tgt Ion:188 Resp: 545092
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 7.9 7.1 10.7

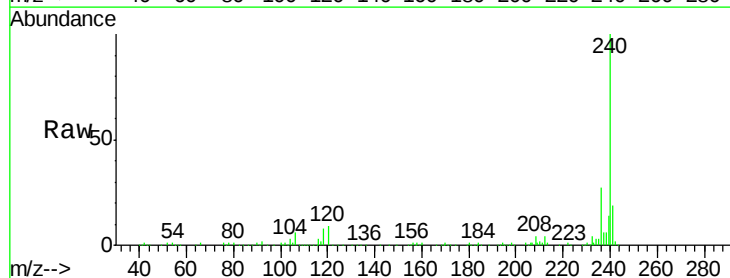


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

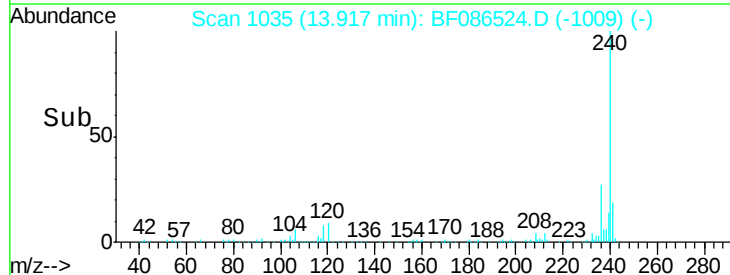
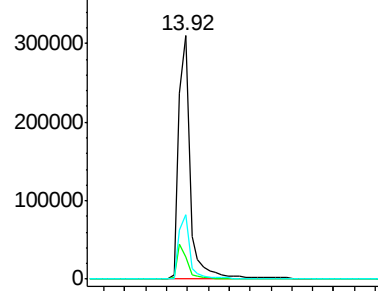


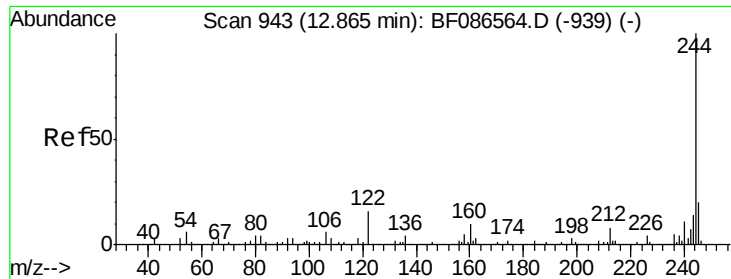
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086524.D
Acq: 30 Apr 2016 15:27

Tgt Ion:240 Resp: 481803
Ion Ratio Lower Upper
240 100
120 9.2 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

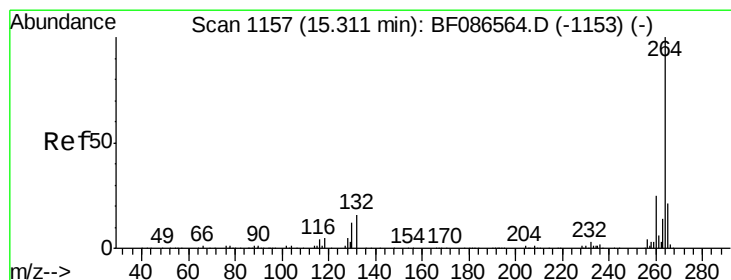
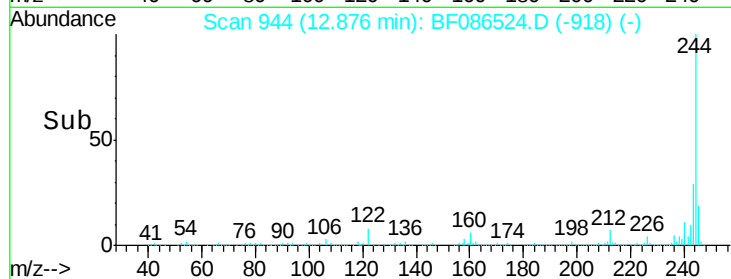
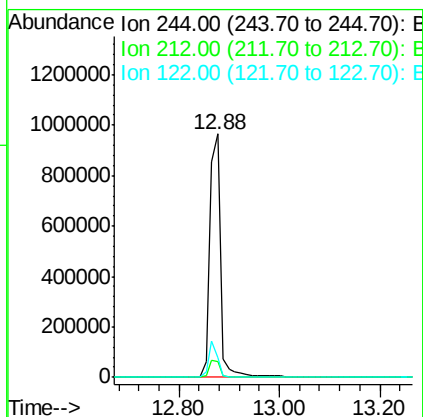
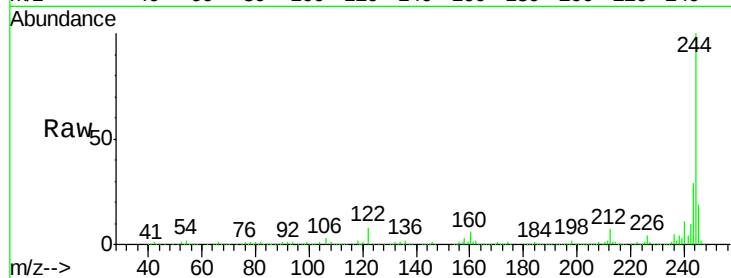




#78
 Terphenyl-d14
 Concen: 65.98 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086524.D
 Acq: 30 Apr 2016 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BL

Tgt Ion:244 Resp: 1442872
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.2
 122 8.0 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086524.D
 Acq: 30 Apr 2016 15:27

Tgt Ion:264 Resp: 369774
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.5 29.3
 265 21.5 17.3 25.9

