

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086587.D
 Acq On : 1 May 2016 23:05
 Operator : UM/SJ
 Sample : PB90053TB
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90053TB

Quant Time: May 02 04:58:45 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	143835	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	595328	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	296252	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	538740	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	359564	20.00	ng	-0.06
86) Perylene-d12	15.30	264	317028	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1095128	131.33	ng	-0.02
7) Phenol-d6	6.41	99	1505453	129.35	ng	-0.03
23) Nitrobenzene-d5	7.33	82	943611	85.43	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	346403	110.88	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1390598	81.39	ng	-0.05
78) Terphenyl-d14	12.87	244	1284098	78.68	ng	-0.05

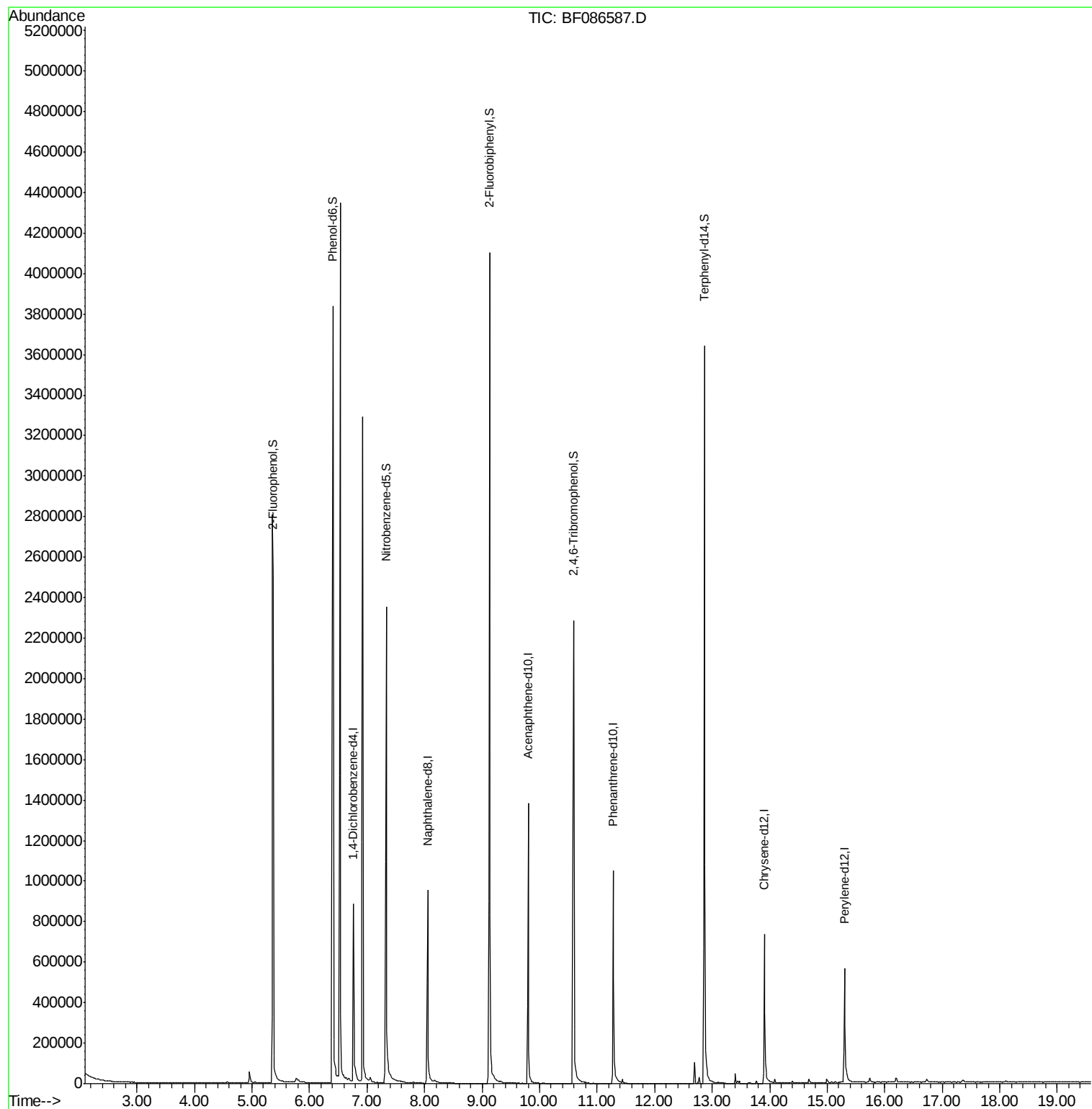
Target Compounds	Qvalue
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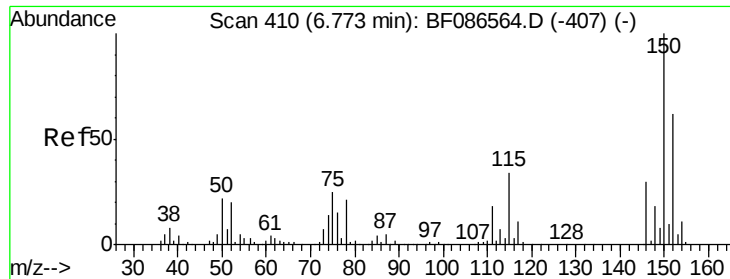
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086587.D

Acq: 1 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90053TB

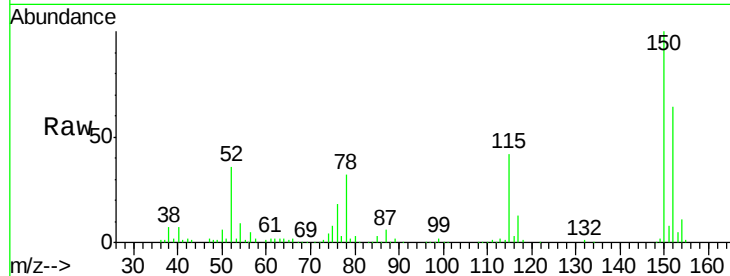
Tgt Ion:152 Resp: 143835

Ion Ratio Lower Upper

152 100

150 156.0 125.8 188.6

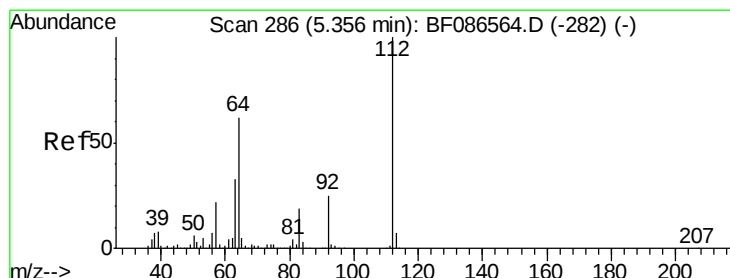
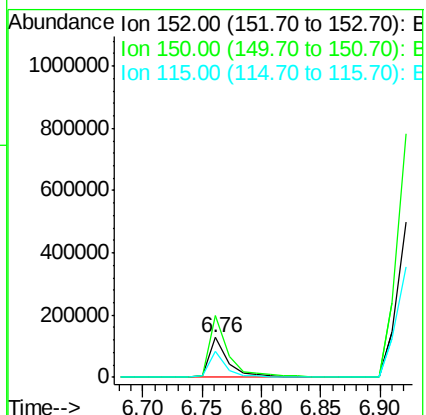
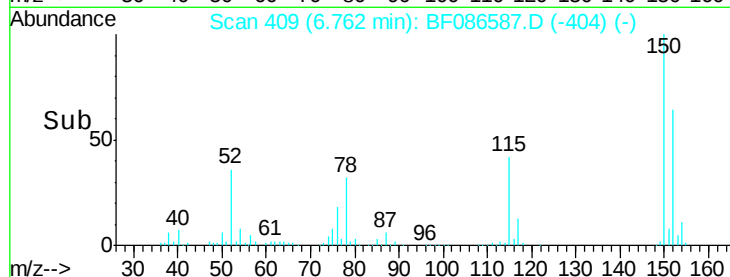
115 65.6 51.5 77.3



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: 131.33 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF086587.D

Acq: 1 May 2016 23:05

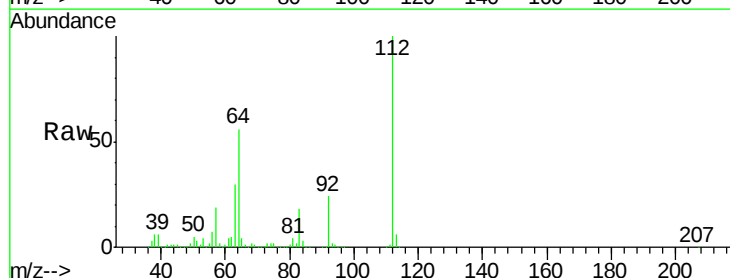
Tgt Ion:112 Resp: 1095128

Ion Ratio Lower Upper

112 100

64 55.5 52.1 78.1

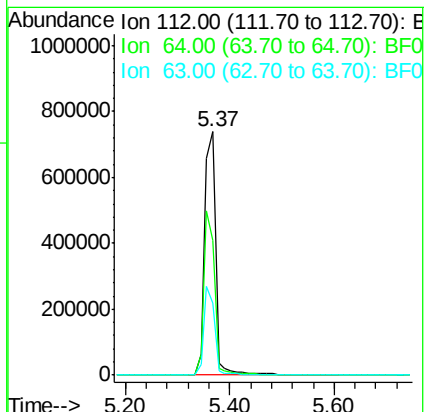
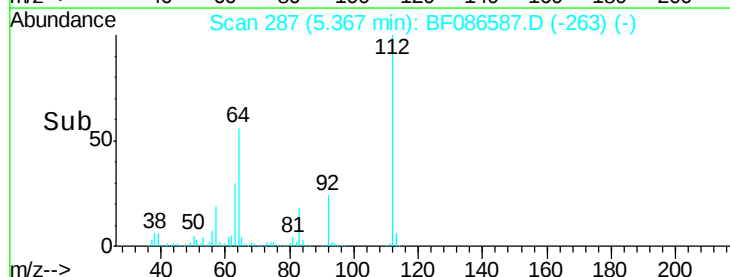
63 29.5 25.7 38.5



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: 129.35 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086587.D

Acq: 1 May 2016 23:05

Instrument :

BNA_F

ClientSampleId :

PB90053TB

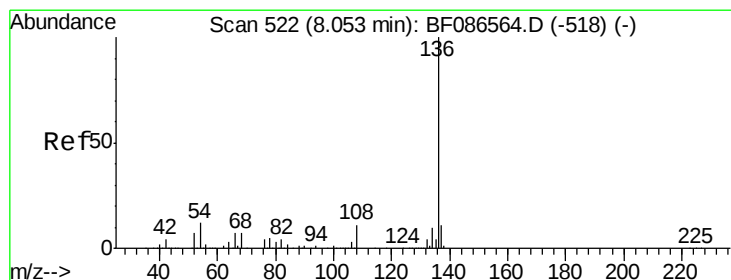
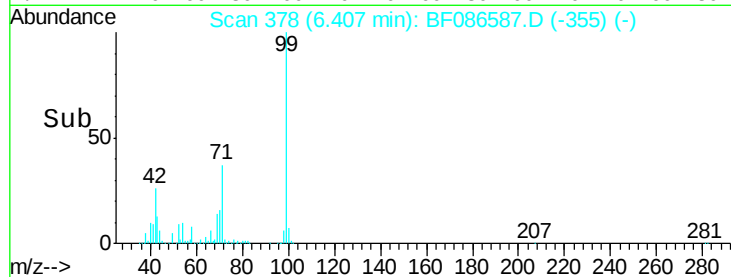
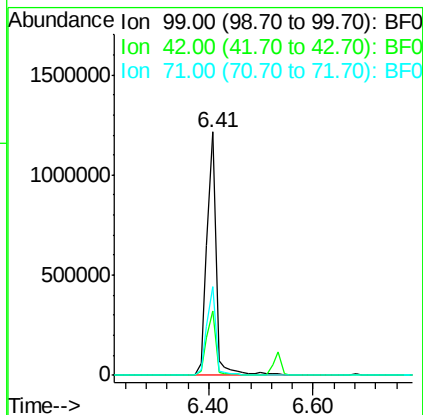
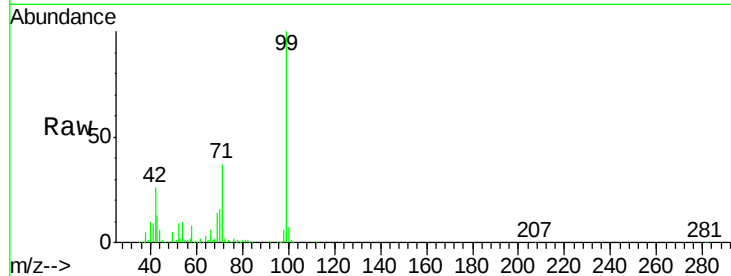
Tgt Ion: 99 Resp: 1505453

Ion Ratio Lower Upper

99 100

42 26.3 13.6 20.4#

71 36.6 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: BF086587.D

Acq: 1 May 2016 23:05

Tgt Ion: 136 Resp: 595328

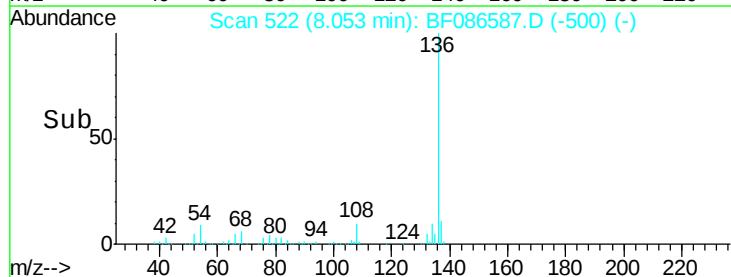
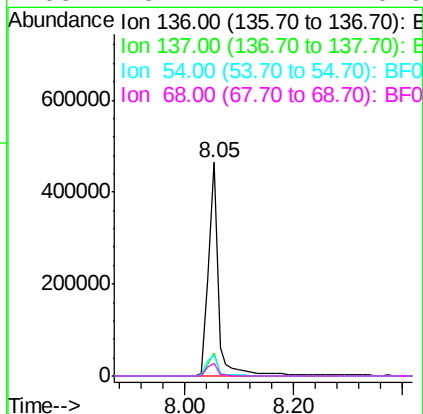
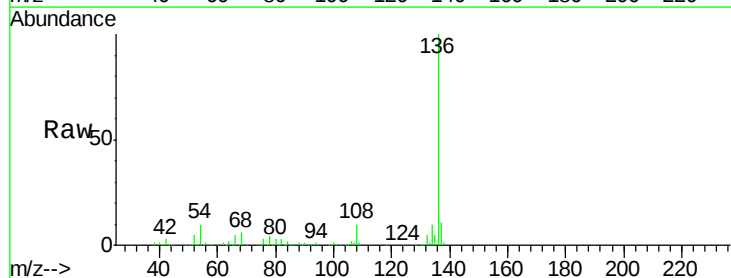
Ion Ratio Lower Upper

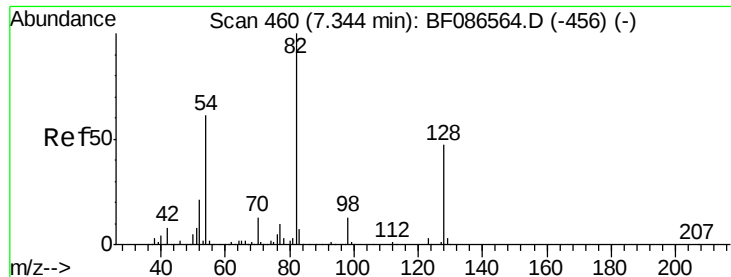
136 100

137 10.7 8.8 13.2

54 9.6 5.0 7.4#

68 5.7 4.4 6.6

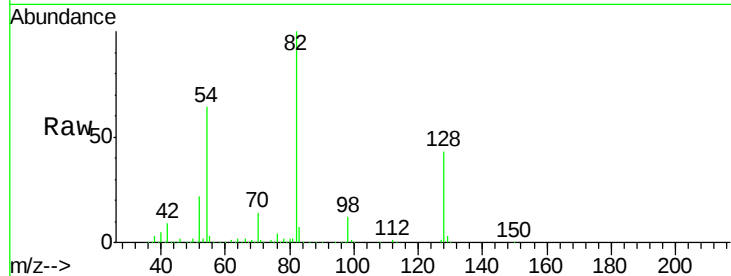




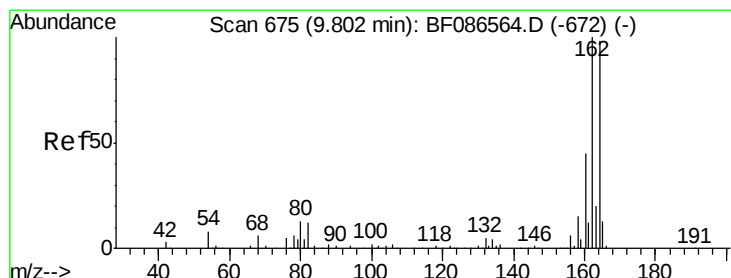
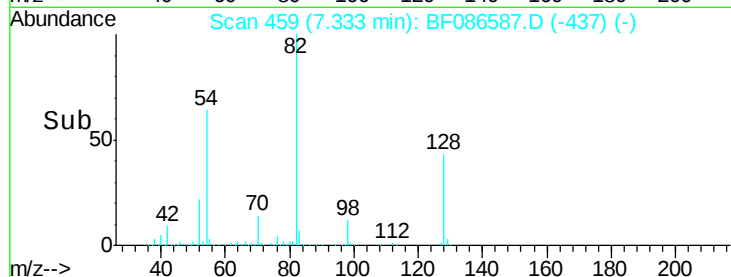
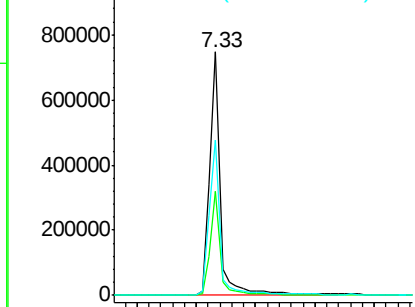
#23
 Nitrobenzene-d5
 Concen: 85.43 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086587.D
 Acq: 1 May 2016 23:05

Instrument :
 BNA_F
 ClientSampleId :
 PB90053TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.9	40.6	61.0
54	64.0	38.1	57.1#

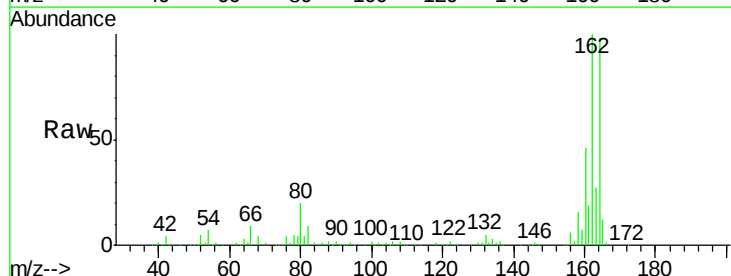


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

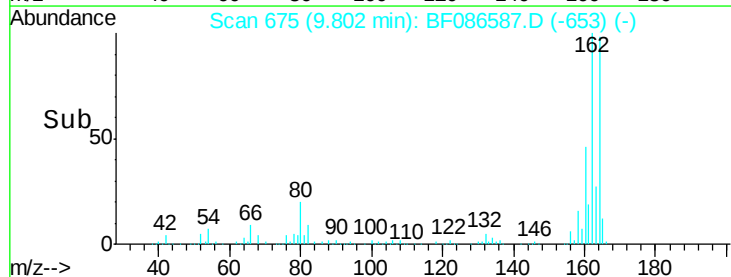
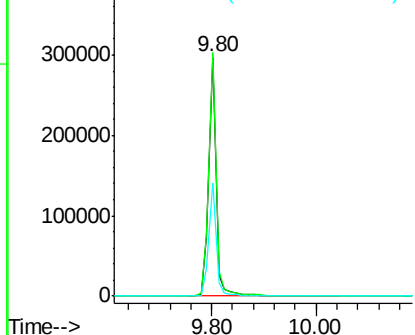


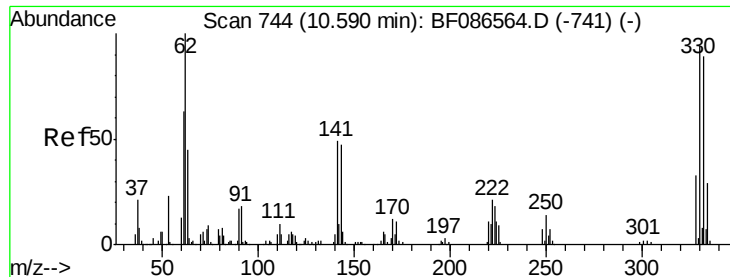
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086587.D
 Acq: 1 May 2016 23:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	47.1	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

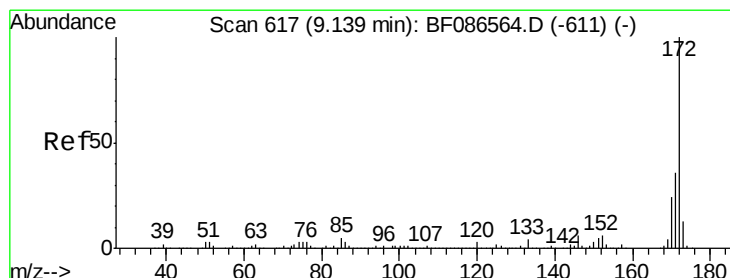
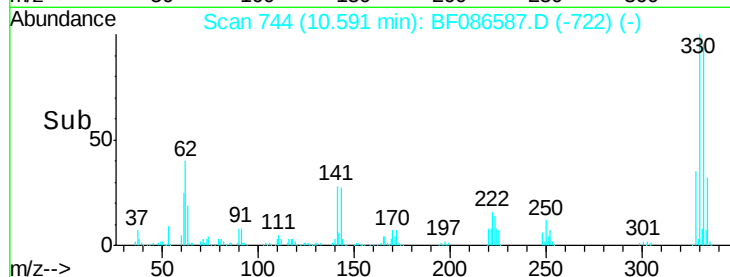
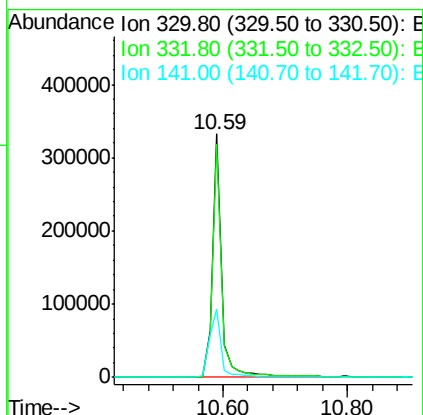
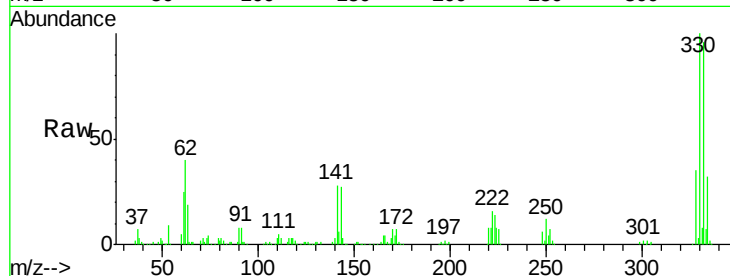




#41
 2,4,6-Tribromophenol
 Concen: 110.88 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086587.D
 Acq: 1 May 2016 23:05

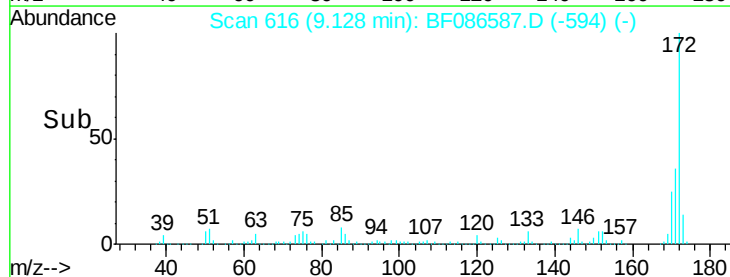
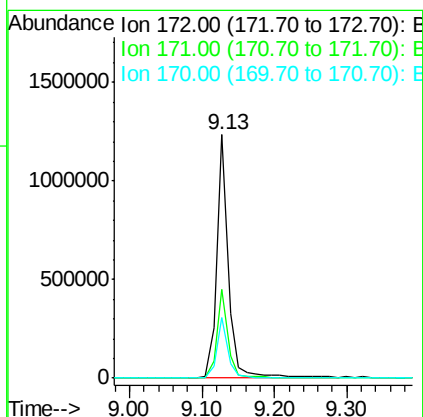
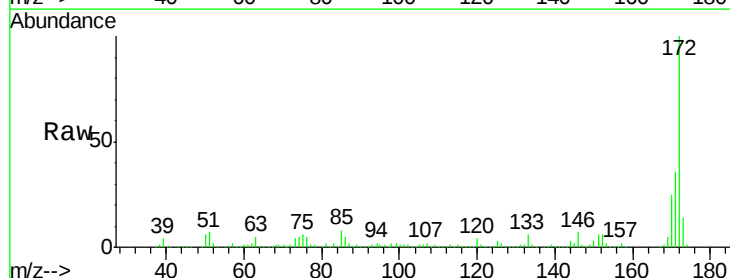
Instrument :
 BNA_F
 ClientSampleId :
 PB90053TB

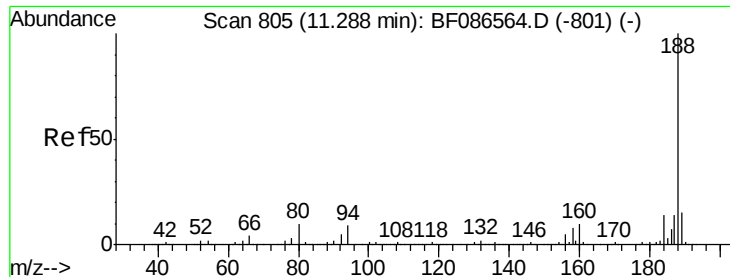
Tgt Ion:330 Resp: 346403
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 36.3 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 81.39 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086587.D
 Acq: 1 May 2016 23:05

Tgt Ion:172 Resp: 1390598
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.7 19.8 29.8

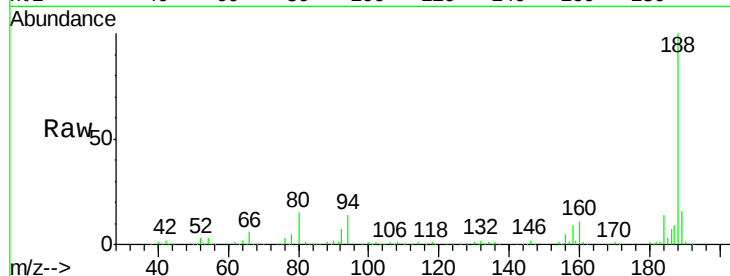




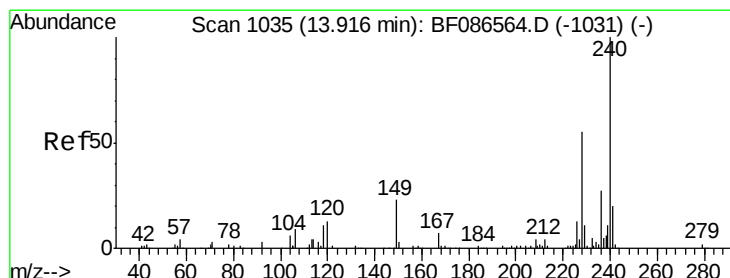
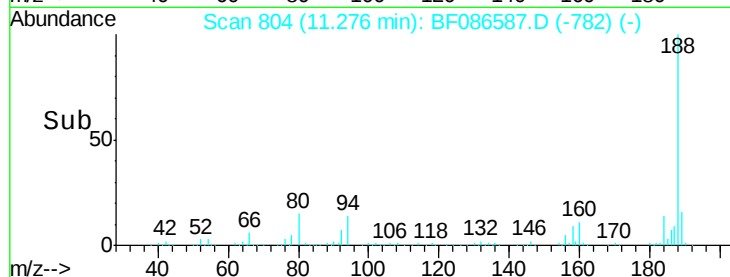
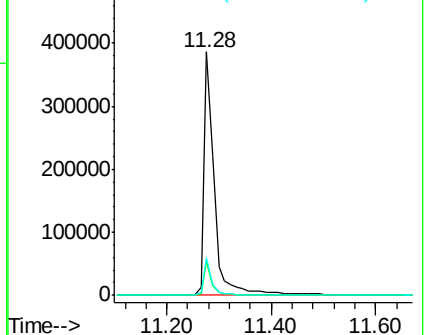
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.05 min
Lab File: BF086587.D
Acq: 1 May 2016 23:05

Instrument :
BNA_F
ClientSampleId :
PB90053TB

Tgt Ion:188 Resp: 538740
Ion Ratio Lower Upper
188 100
94 13.6 6.8 10.2#
80 15.2 7.1 10.7#

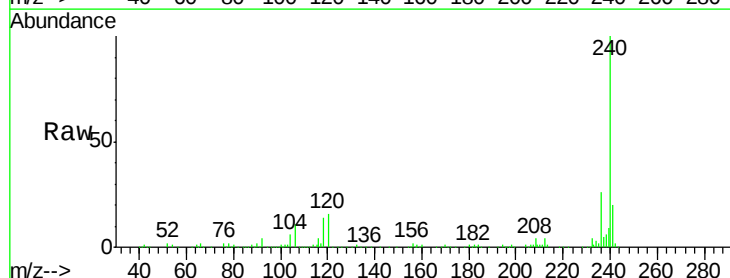


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

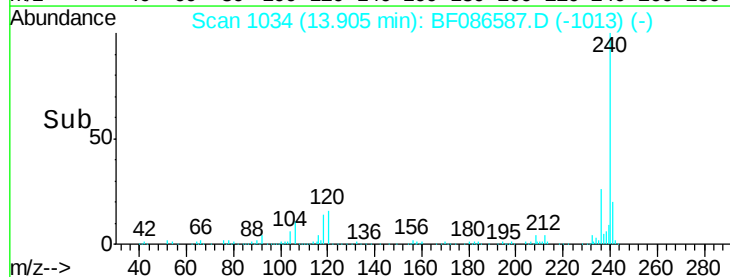
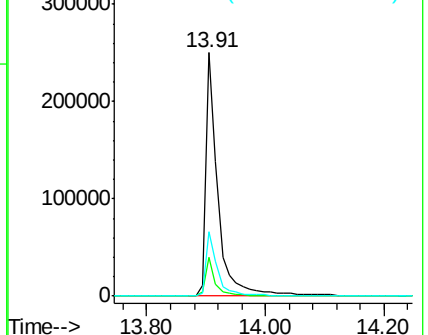


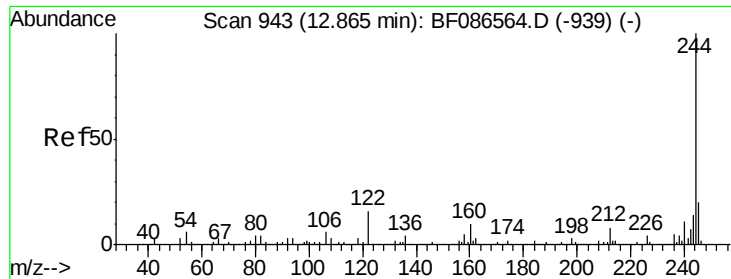
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086587.D
Acq: 1 May 2016 23:05

Tgt Ion:240 Resp: 359564
Ion Ratio Lower Upper
240 100
120 16.0 11.2 16.8
236 26.3 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

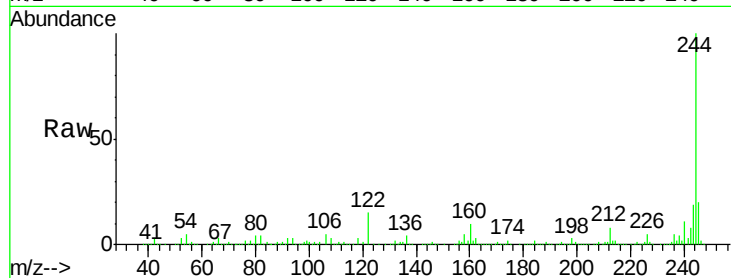




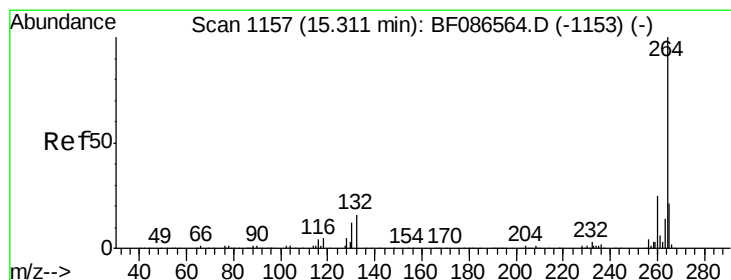
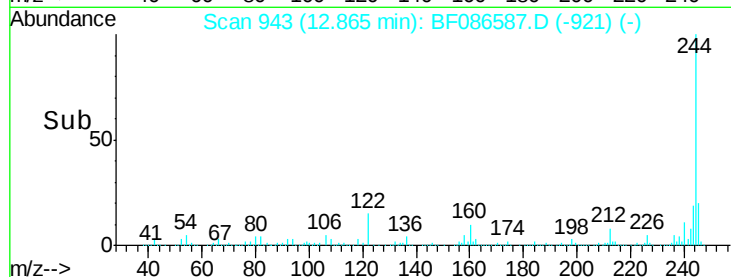
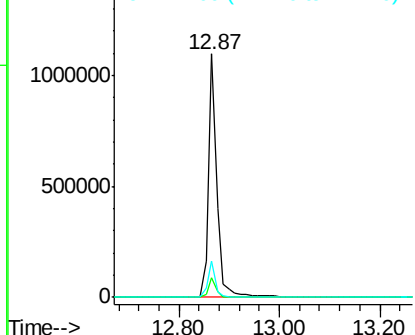
#78
 Terphenyl-d14
 Concen: 78.68 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086587.D
 Acq: 1 May 2016 23:05

Instrument :
 BNA_F
 ClientSampled :
 PB90053TB

Tgt Ion:244 Resp: 1284098
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 14.8 12.0 18.0

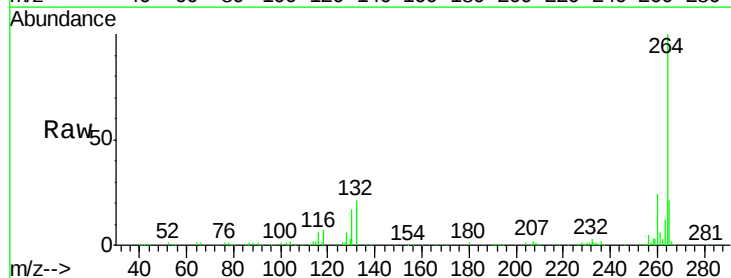


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.06 min
 Lab File: BF086587.D
 Acq: 1 May 2016 23:05

Tgt Ion:264 Resp: 317028
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.5 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

