

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086585.D
 Acq On : 1 May 2016 22:08
 Operator : UM/SJ
 Sample : PB90129TB
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90129TB

Quant Time: May 02 04:40:51 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	137665	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	580150	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	286921	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	530367	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	367286	20.00	ng	-0.06
86) Perylene-d12	15.30	264	318505	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	723633	90.67	ng	-0.03
7) Phenol-d6	6.41	99	1022692	91.81	ng	-0.03
23) Nitrobenzene-d5	7.33	82	641315	59.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	260319	86.03	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1103811	63.37	ng	-0.05
78) Terphenyl-d14	12.87	244	997307	59.82	ng	-0.05

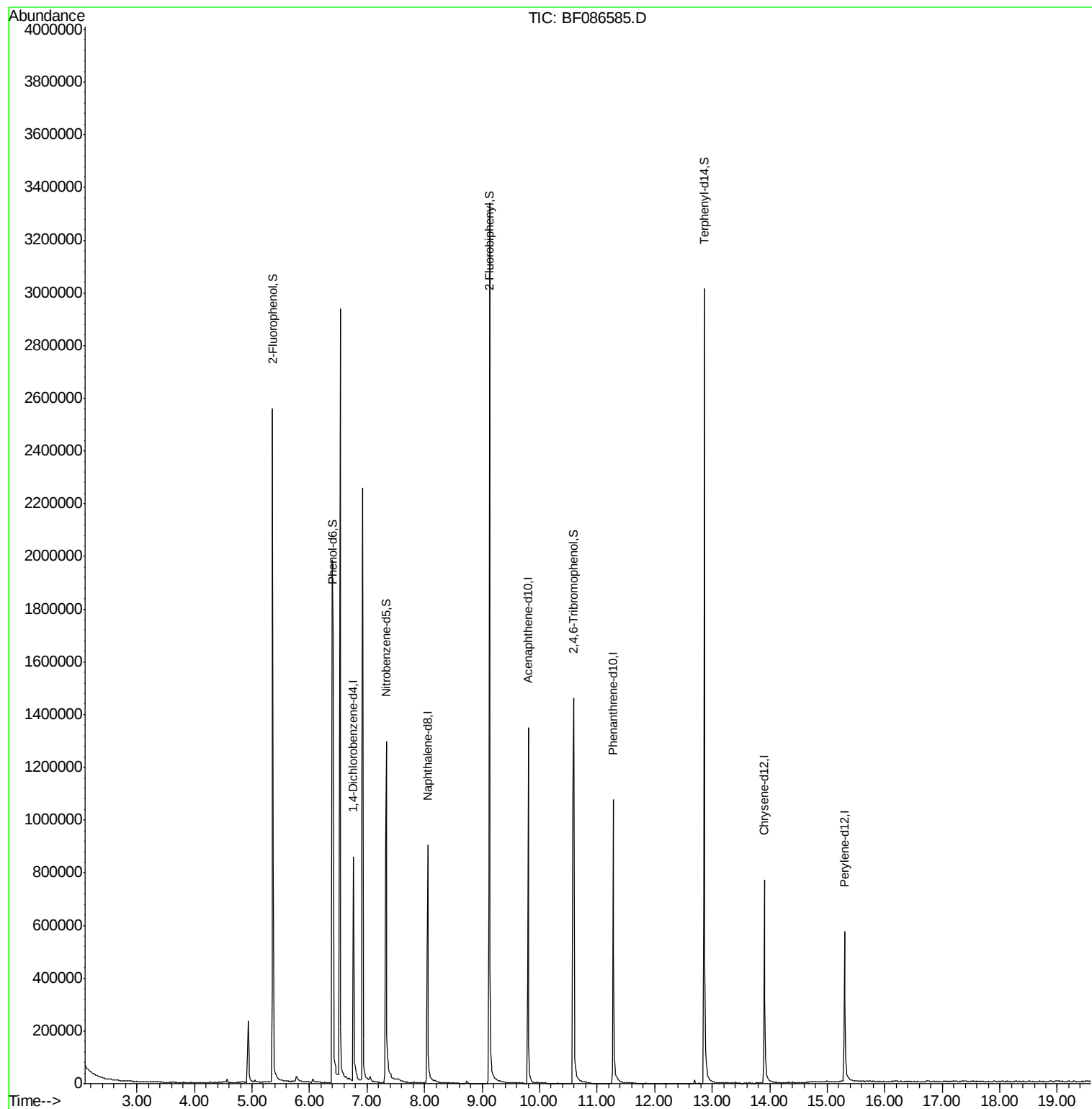
Target Compounds	Qvalue
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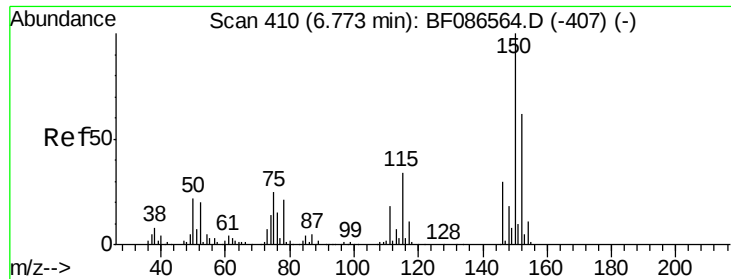
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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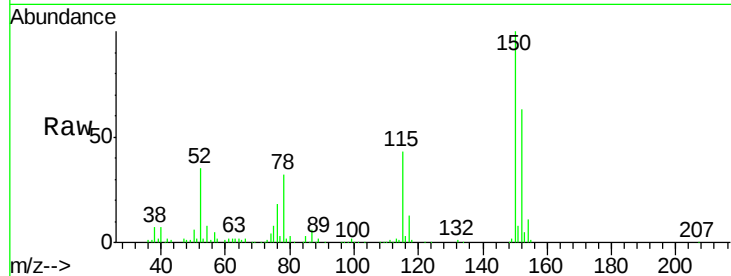


#1

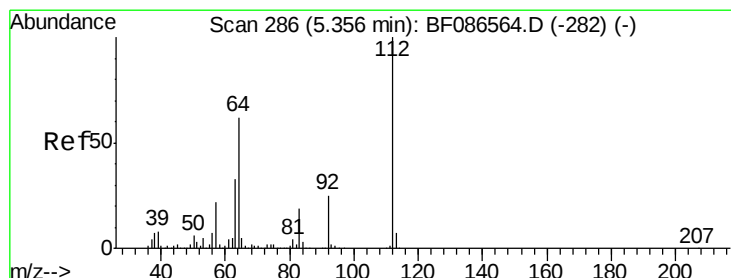
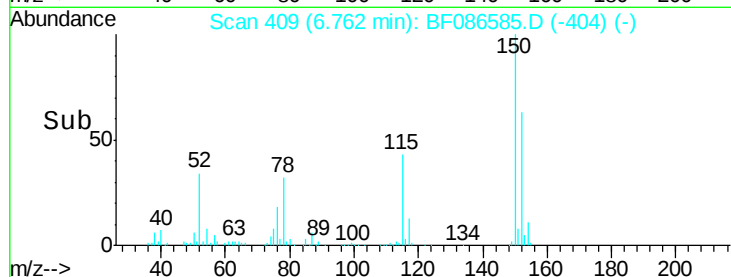
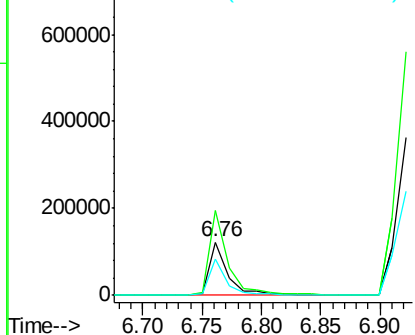
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.05 min
Lab File: BF086585.D
Acq: 1 May 2016 22:08

Instrument :
BNA_F
ClientSampleId :
PB90129TB

Tgt Ion:152 Resp: 137665
Ion Ratio Lower Upper
152 100
150 159.1 125.8 188.6
115 67.8 51.5 77.3



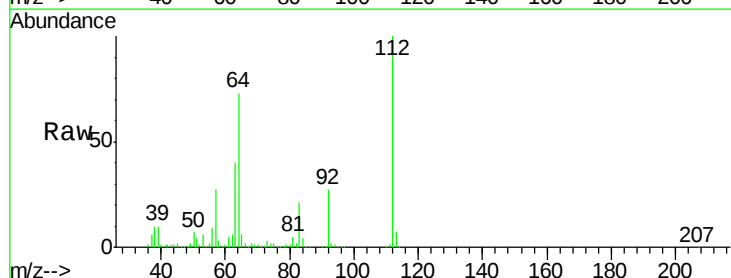
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



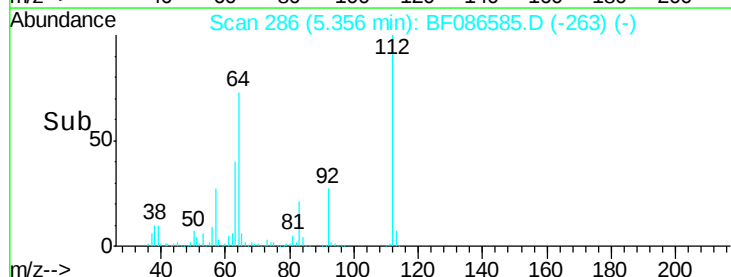
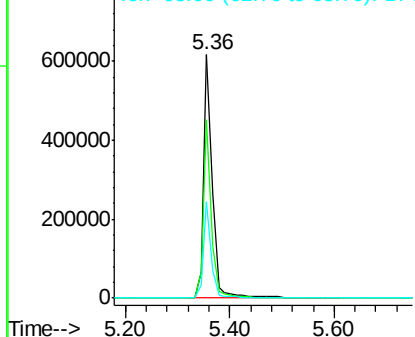
#5

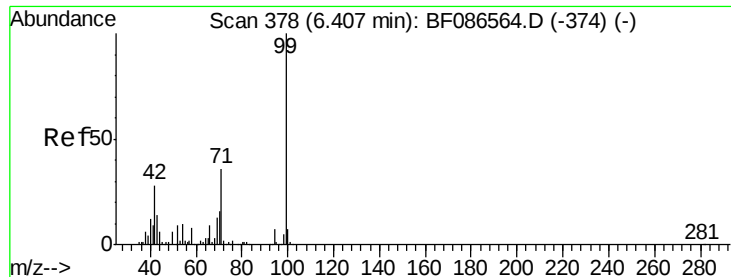
2-Fluorophenol
Concen: 90.67 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.03 min
Lab File: BF086585.D
Acq: 1 May 2016 22:08

Tgt Ion:112 Resp: 723633
Ion Ratio Lower Upper
112 100
64 73.1 52.1 78.1
63 39.6 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: 91.81 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086585.D

Acq: 1 May 2016 22:08

Instrument :

BNA_F

ClientSampleId :

PB90129TB

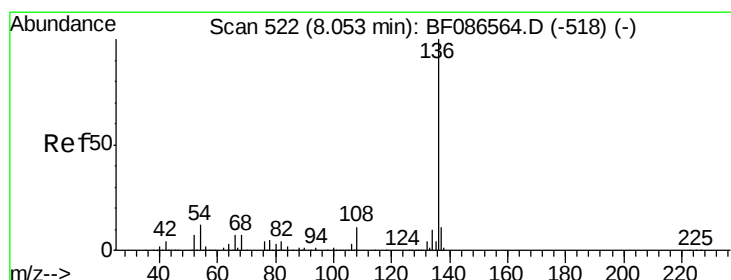
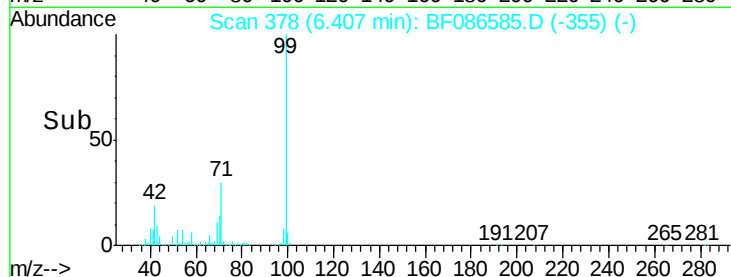
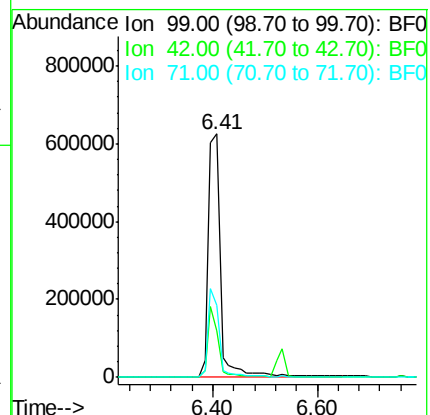
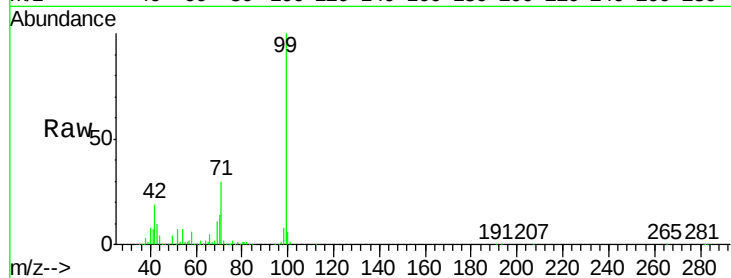
Tgt Ion: 99 Resp: 1022692

Ion Ratio Lower Upper

99 100

42 19.2 13.6 20.4

71 29.5 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: BF086585.D

Acq: 1 May 2016 22:08

Tgt Ion: 136 Resp: 580150

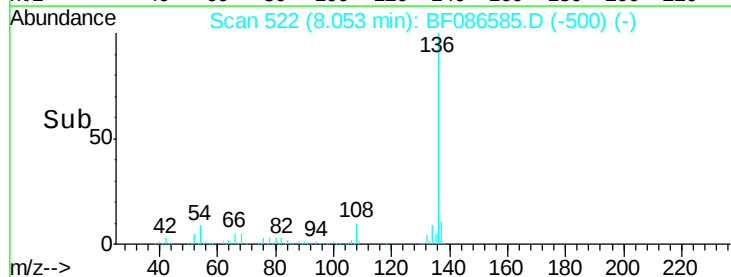
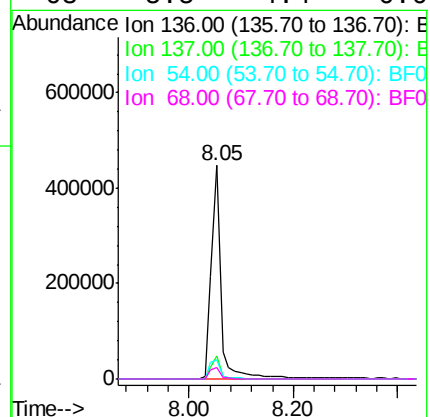
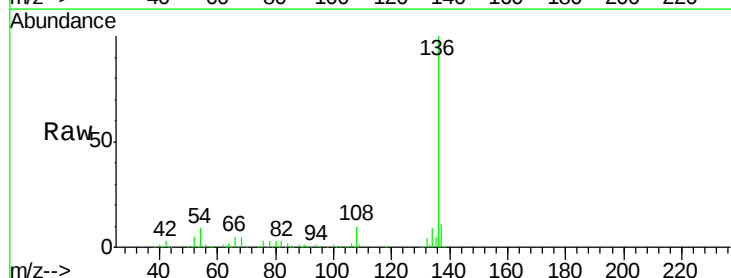
Ion Ratio Lower Upper

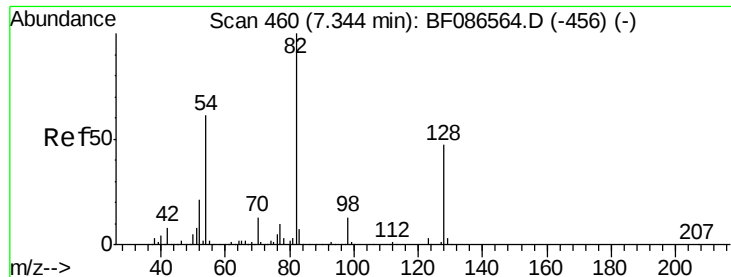
136 100

137 10.8 8.8 13.2

54 9.0 5.0 7.4#

68 5.5 4.4 6.6

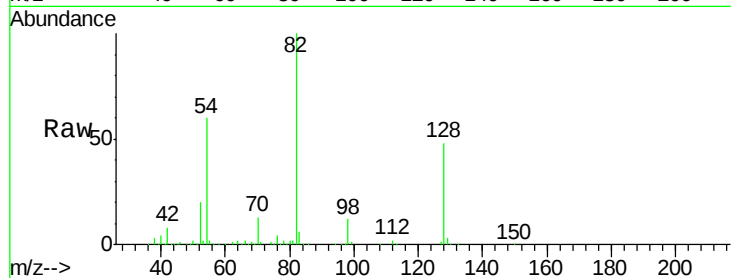




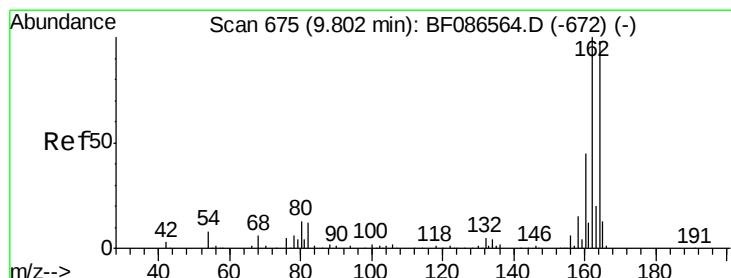
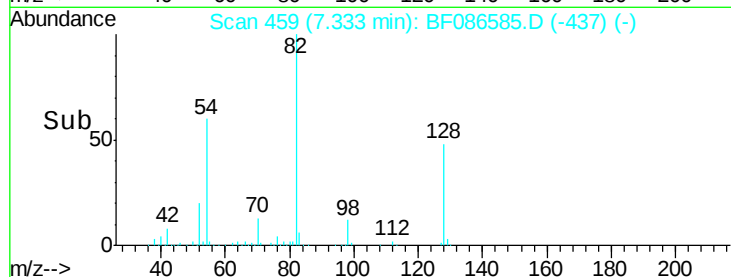
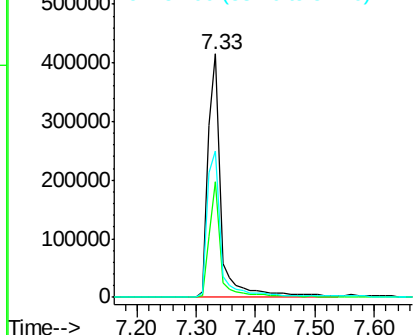
#23
 Nitrobenzene-d5
 Concen: 59.58 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086585.D
 Acq: 1 May 2016 22:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90129TB

Tgt Ion: 82 Resp: 641315
 Ion Ratio Lower Upper
 82 100
 128 47.7 40.6 61.0
 54 60.2 38.1 57.1#

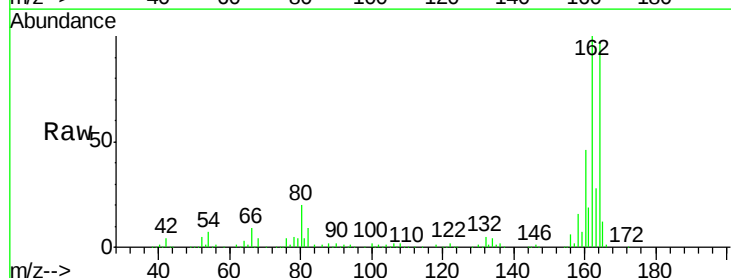


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

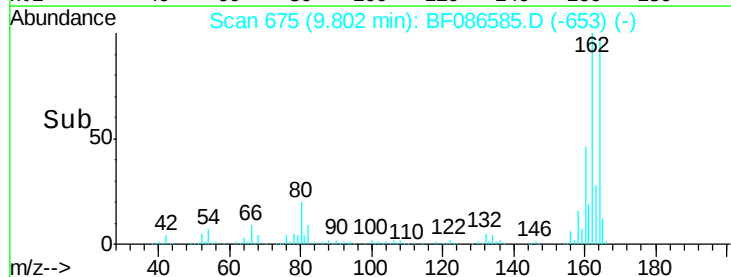
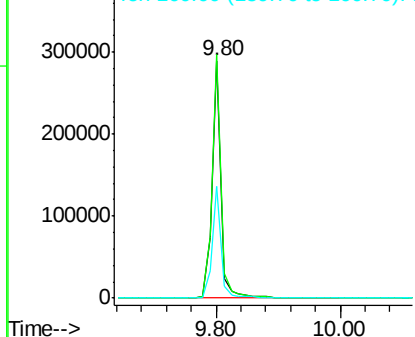


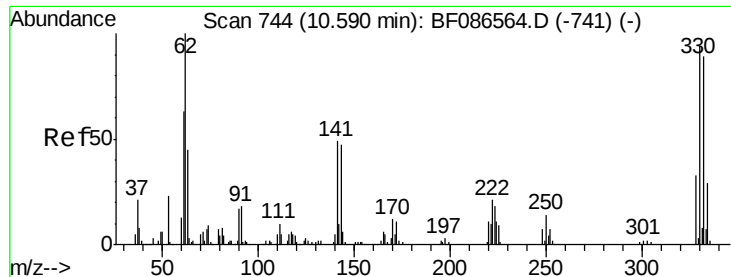
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.05 min
 Lab File: BF086585.D
 Acq: 1 May 2016 22:08

Tgt Ion: 164 Resp: 286921
 Ion Ratio Lower Upper
 164 100
 162 102.6 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

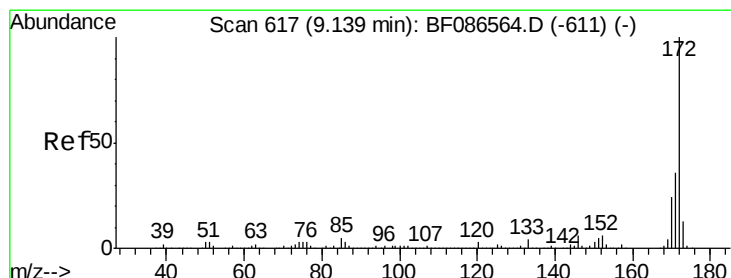
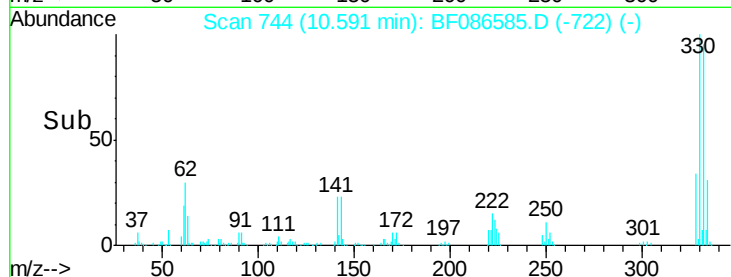
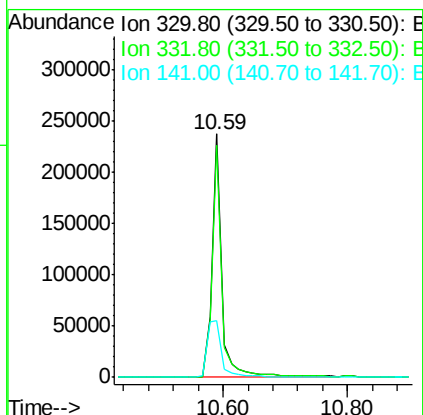
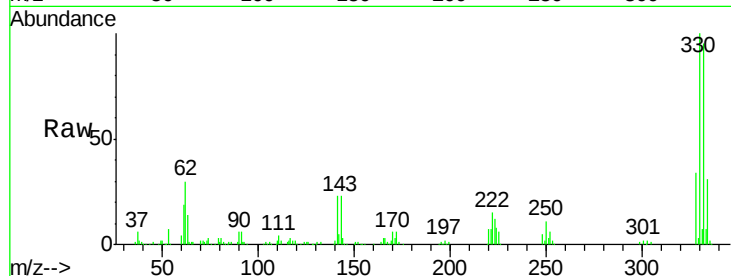




#41
 2,4,6-Tribromophenol
 Concen: 86.03 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086585.D
 Acq: 1 May 2016 22:08

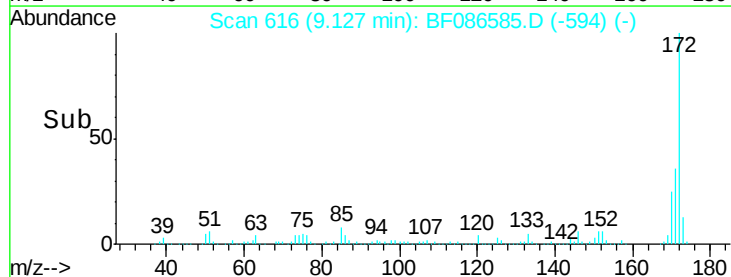
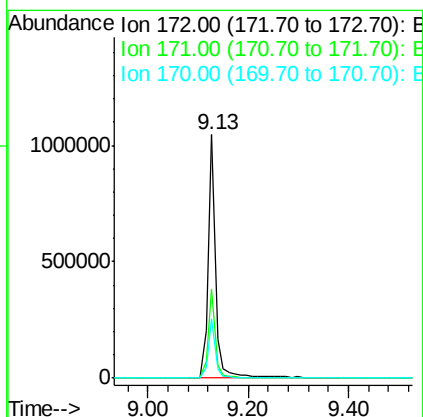
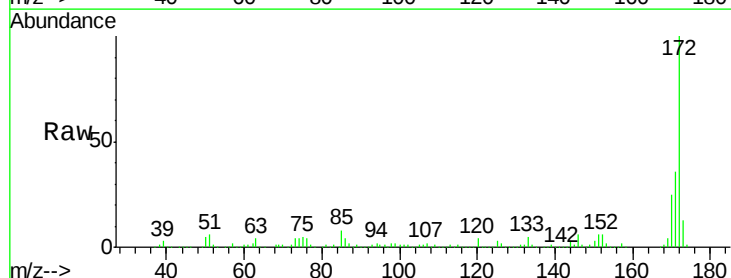
Instrument :
 BNA_F
 ClientSampleId :
 PB90129TB

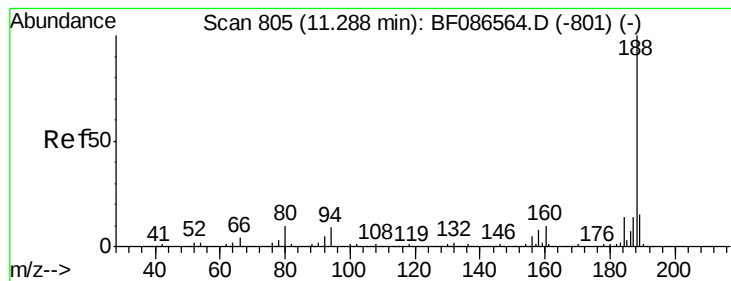
Tgt Ion:330 Resp: 260319
 Ion Ratio Lower Upper
 330 100
 332 95.5 79.0 118.4
 141 35.6 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 63.37 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086585.D
 Acq: 1 May 2016 22:08

Tgt Ion:172 Resp: 1103811
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.5 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: BF086585.D

Acq: 1 May 2016 22:08

Instrument :

BNA_F

ClientSampleId :

PB90129TB

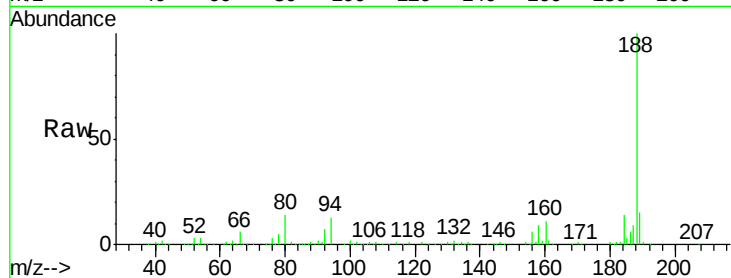
Tgt Ion:188 Resp: 530367

Ion Ratio Lower Upper

188 100

94 12.8 6.8 10.2#

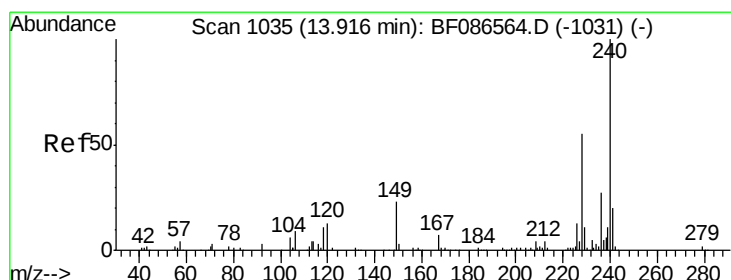
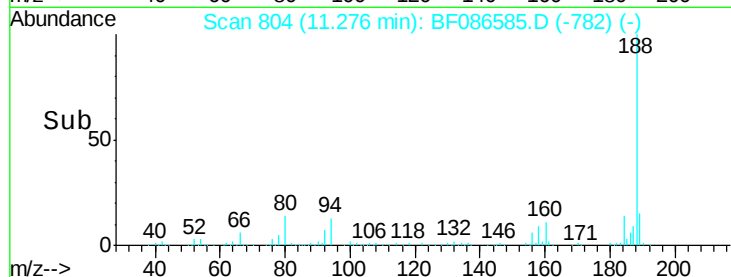
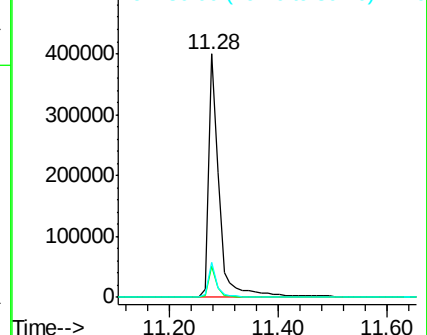
80 14.2 7.1 10.7#



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: BF086585.D

Acq: 1 May 2016 22:08

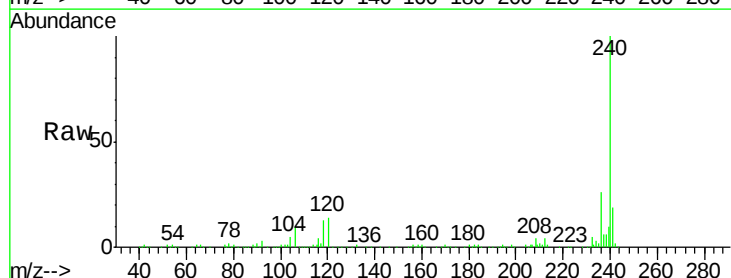
Tgt Ion:240 Resp: 367286

Ion Ratio Lower Upper

240 100

120 14.2 11.2 16.8

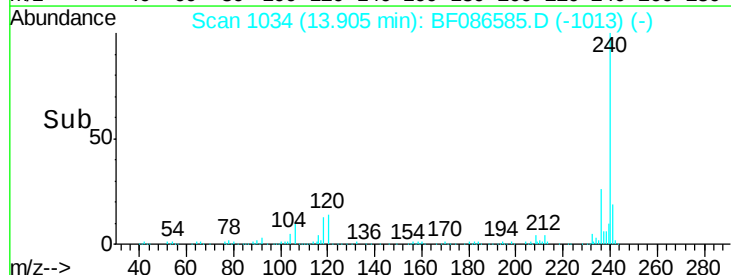
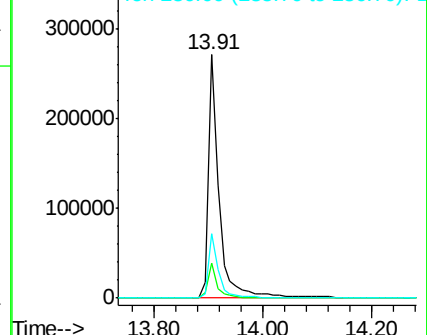
236 26.3 21.2 31.8

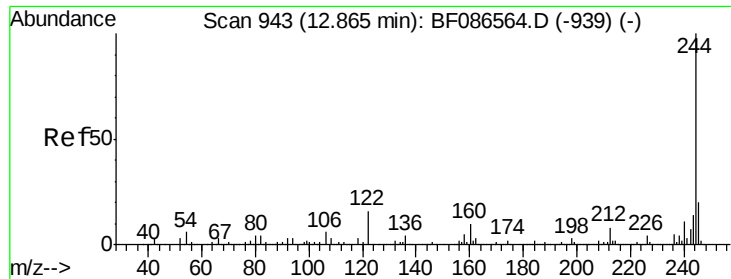


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

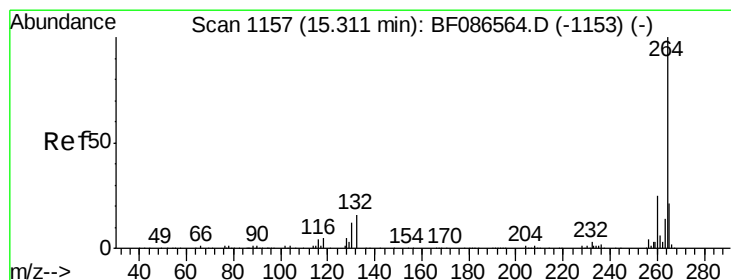
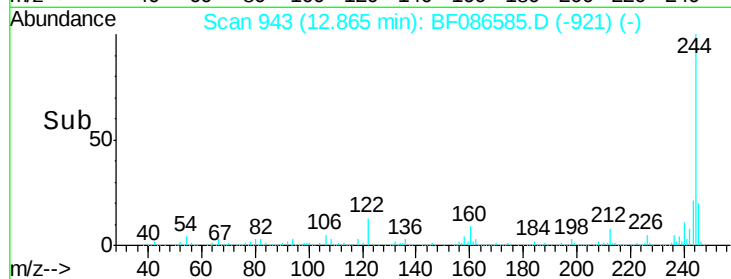
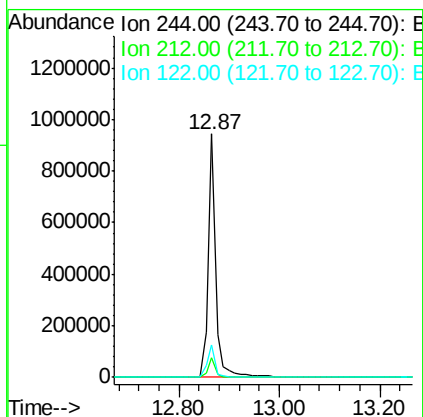
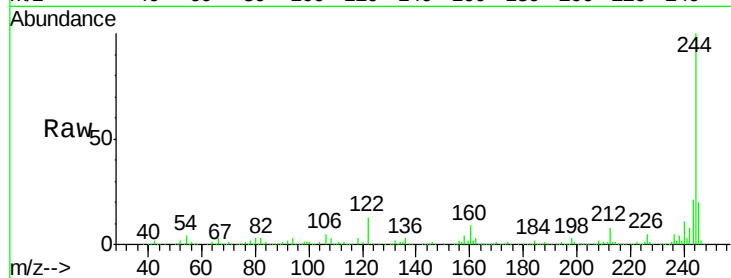




#78
 Terphenyl-d14
 Concen: 59.82 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.05 min
 Lab File: BF086585.D
 Acq: 1 May 2016 22:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90129TB

Tgt Ion:244 Resp: 997307
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 13.5 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: BF086585.D
 Acq: 1 May 2016 22:08

Tgt Ion:264 Resp: 318505
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.5 17.3 25.9

