

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
 Data File : BF087585.D
 Acq On : 31 May 2016 17:18
 Operator : UM/SJ
 Sample : PB90866TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90866TB

Quant Time: Jun 01 03:18:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 01 03:17:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	108969	20.00	ng	0.00
21) Naphthalene-d8	9.48	136	428895	20.00	ng	0.01
38) Acenaphthene-d10	12.30	164	214650	20.00	ng	-0.01
63) Phenanthrene-d10	14.71	188	440154	20.00	ng	0.00
75) Chrysene-d12	18.43	240	394894	20.00	ng	0.01
86) Perylene-d12	20.11	264	341844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	781950	126.09	ng	0.01
7) Phenol-d6	7.00	99	995958	118.86	ng	-0.01
23) Nitrobenzene-d5	8.36	82	696753	81.87	ng	-0.01
41) 2,4,6-Tribromophenol	13.60	330	257330	124.75	ng	-0.01
44) 2-Fluorobiphenyl	11.24	172	1182103	77.64	ng	-0.01
78) Terphenyl-d14	17.06	244	1313136	70.70	ng	0.00

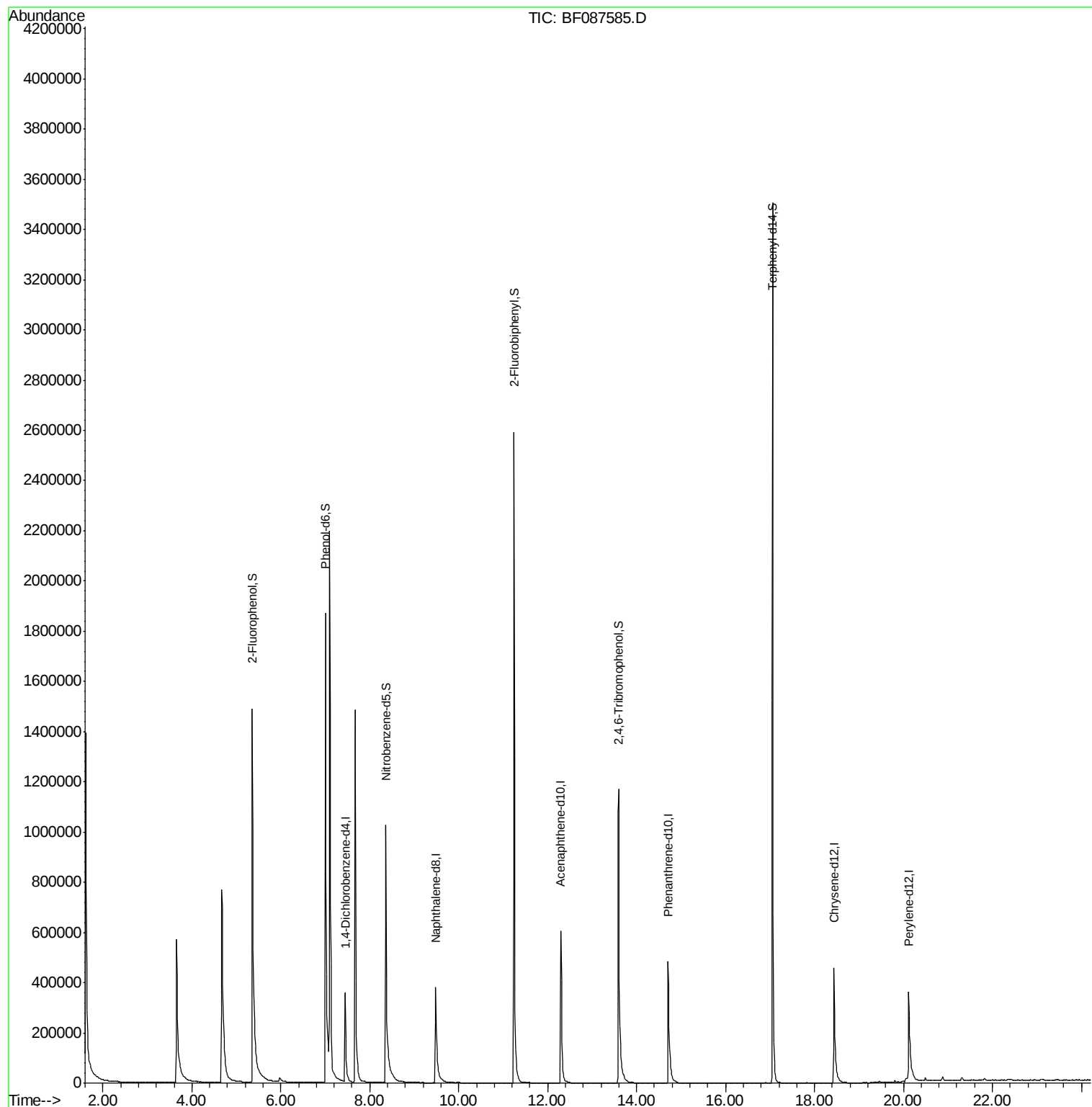
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087585.D
Acq On : 31 May 2016 17:18
Operator : UM/SJ
Sample : PB90866TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90866TB

Quant Time: Jun 01 03:18:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 03:17:16 2016
Response via : Initial Calibration



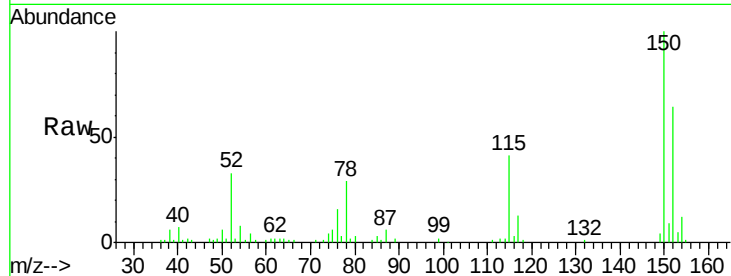


#1

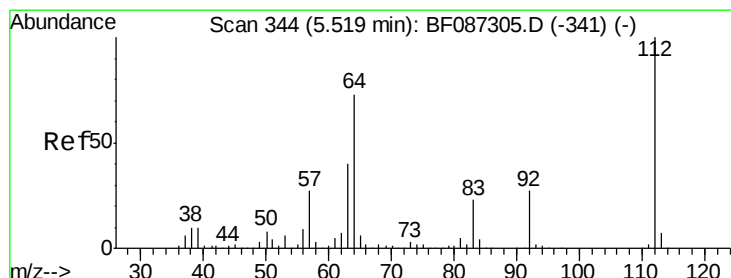
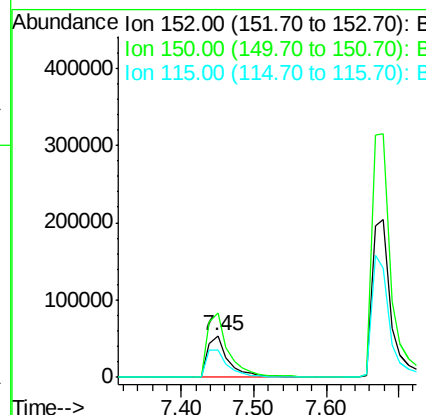
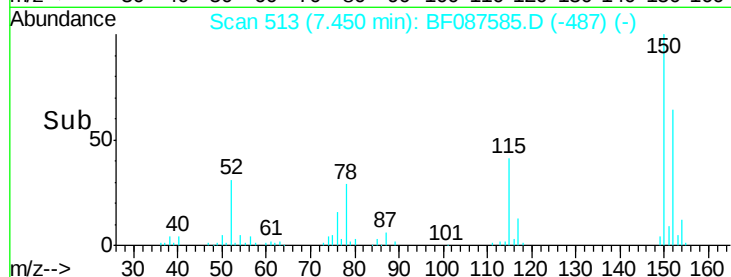
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Instrument :
BNA_F
ClientSampleId :
PB90866TB

Tot Ion:152 Resp: 108969
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.6
115 64.1 51.5 77.3



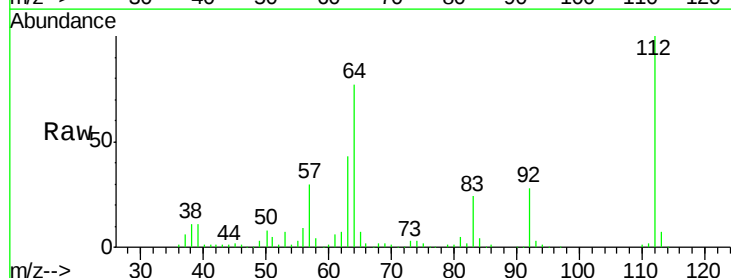
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



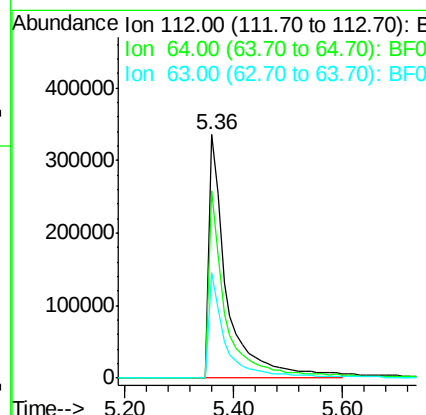
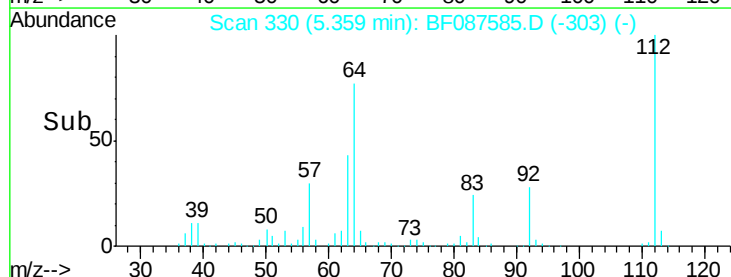
#5

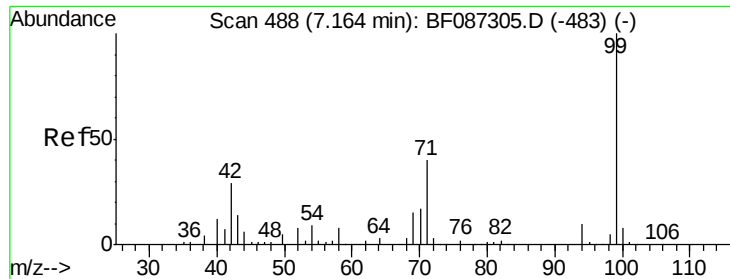
2-Fluorophenol
Concen: 126.09 ng
RT: 5.36 min Scan# 330
Delta R.T. 0.01 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Tgt Ion:112 Resp: 781950
Ion Ratio Lower Upper
112 100
64 76.8 52.1 78.1
63 43.2 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: 118.86 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF087585.D

Acq: 31 May 2016 17:18

Instrument :

BNA_F

ClientSampleId :

PB90866TB

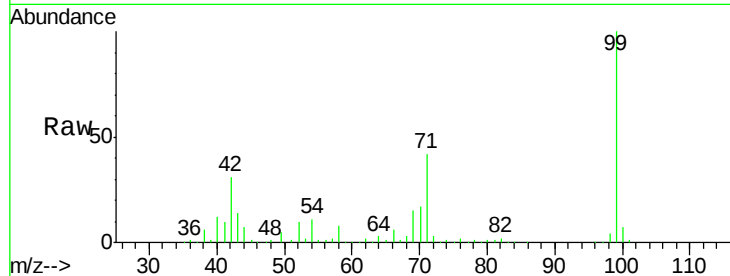
Tot Ion: 99 Resp: 995958

Ion Ratio Lower Upper

99 100

42 30.8 13.6 20.4#

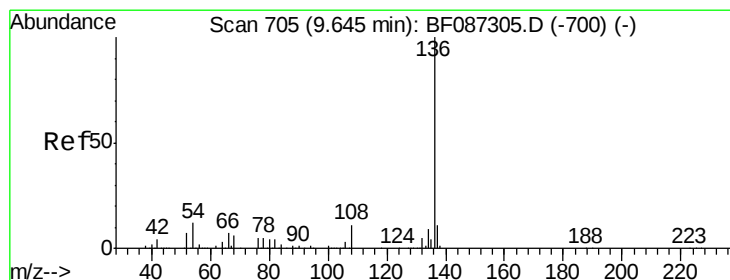
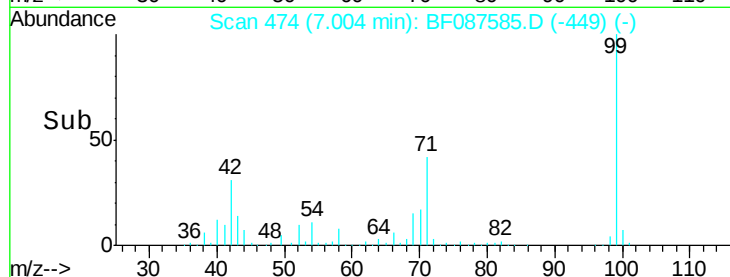
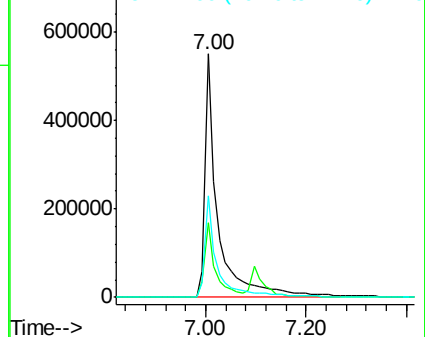
71 41.7 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF087585.D

Acq: 31 May 2016 17:18

Tgt Ion: 136 Resp: 428895

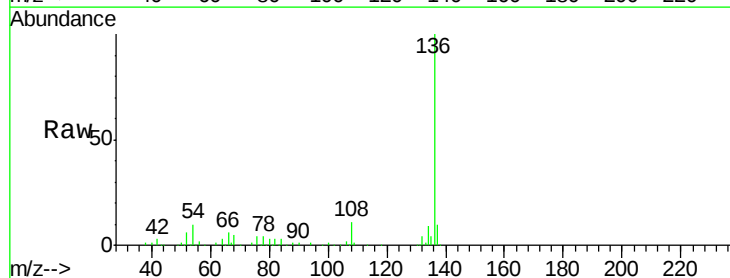
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 10.0 5.0 7.4#

68 5.4 4.4 6.6

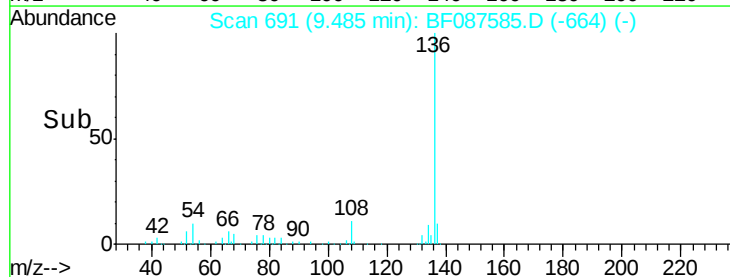
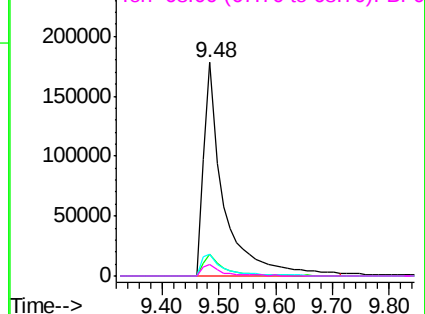


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

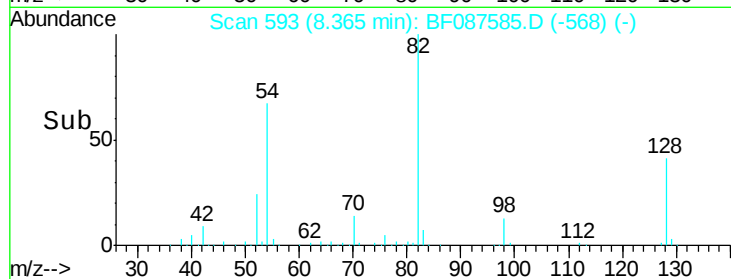
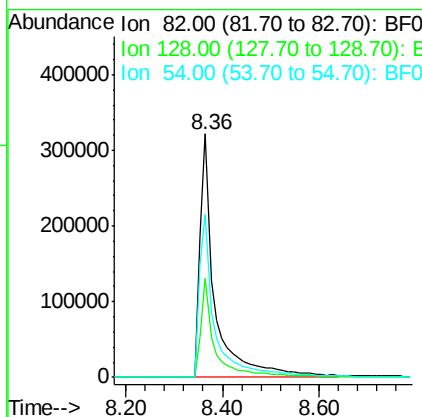
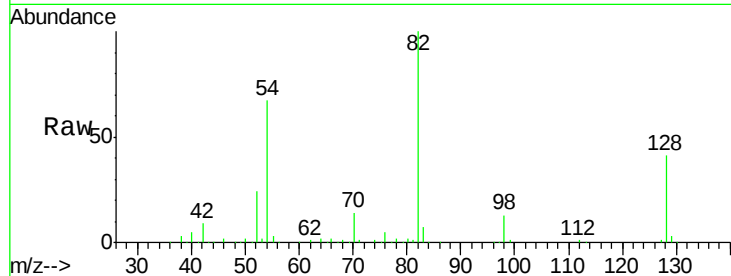




#23
 Nitrobenzene-d5
 Concen: 81.87 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF087585.D
 Acq: 31 May 2016 17:18

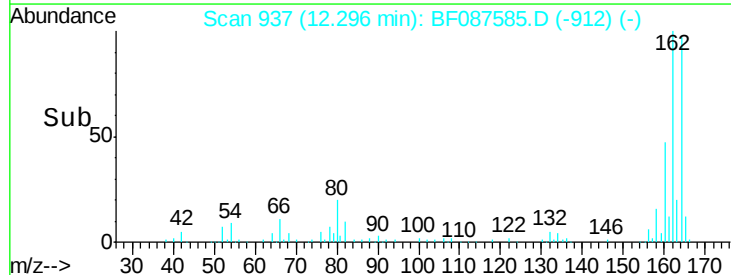
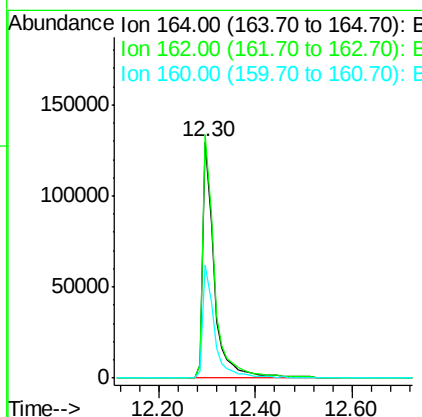
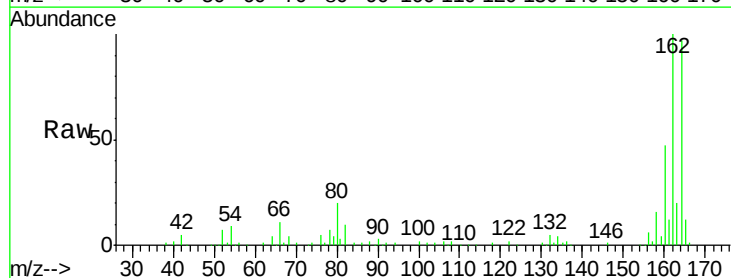
Instrument :
 BNA_F
 ClientSampleID :
 PB90866TB

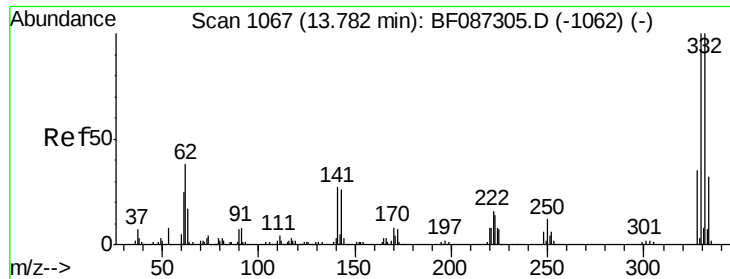
Tot Ion: 82 Resp: 696753
 Ion Ratio Lower Upper
 82 100
 128 40.6 40.6 61.0#
 54 66.8 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF087585.D
 Acq: 31 May 2016 17:18

Tgt Ion: 164 Resp: 214650
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.8 124.2
 160 48.0 36.9 55.3

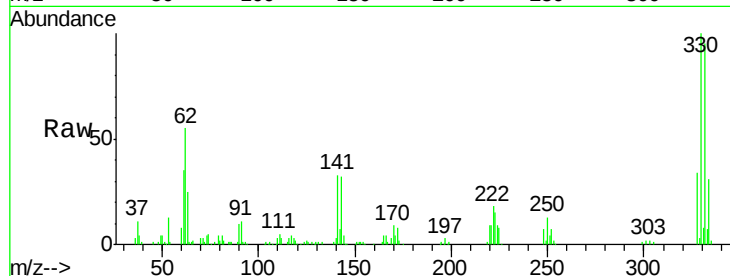




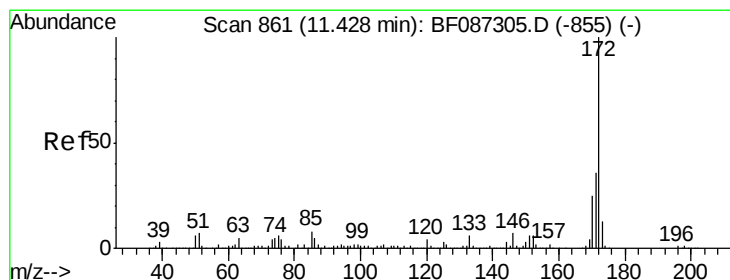
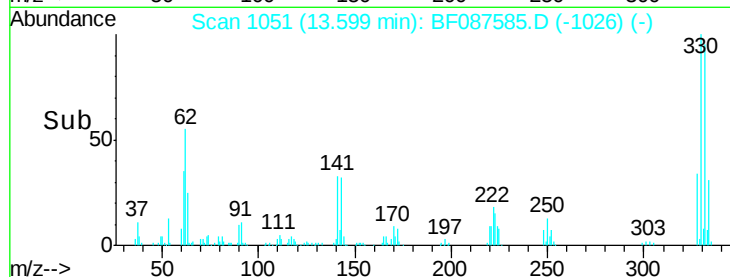
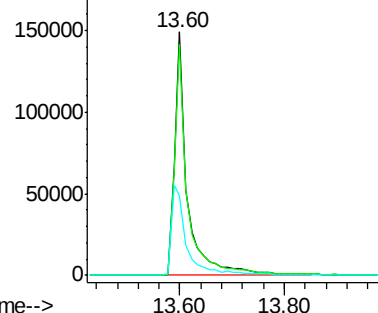
#41
 2,4,6-Tribromophenol
 Concen: 124.75 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF087585.D
 Acq: 31 May 2016 17:18

Instrument :
 BNA_F
 ClientSampleId :
 PB90866TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	44.3	31.2	46.8

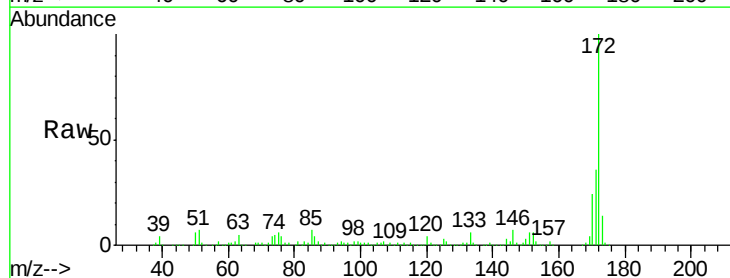


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

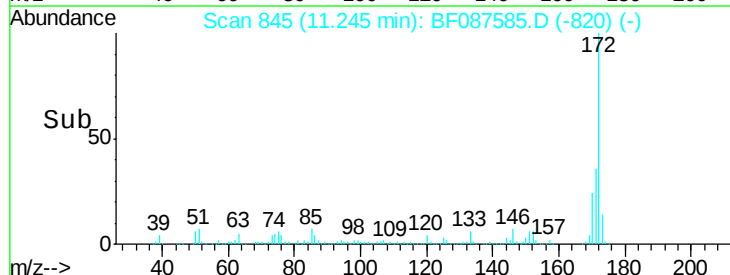
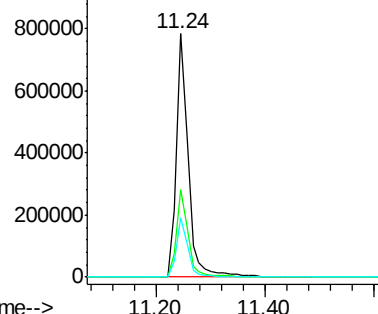


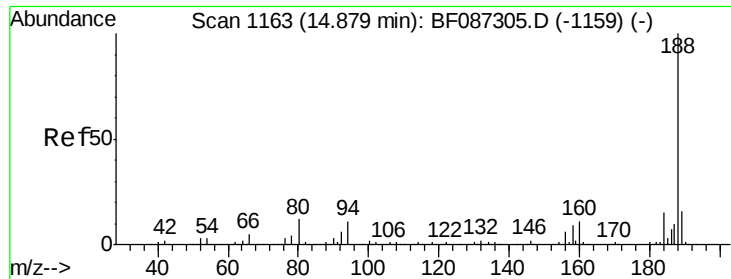
#44
 2-Fluorobiphenyl
 Concen: 77.64 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF087585.D
 Acq: 31 May 2016 17:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.4	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

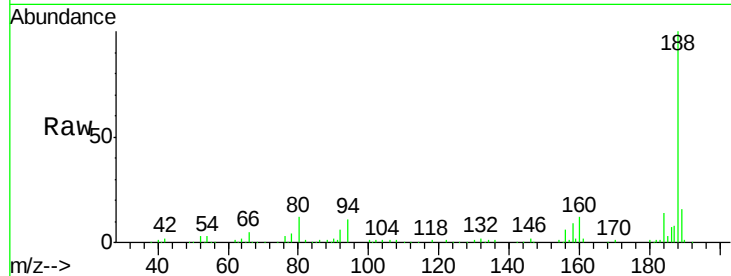




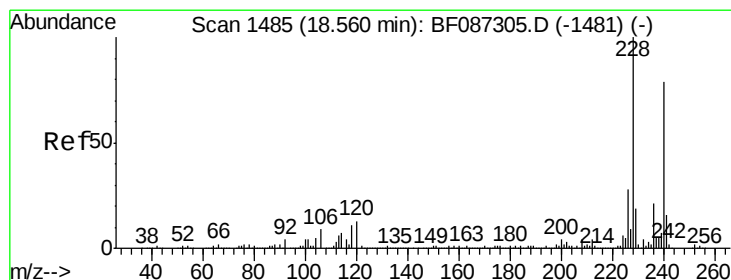
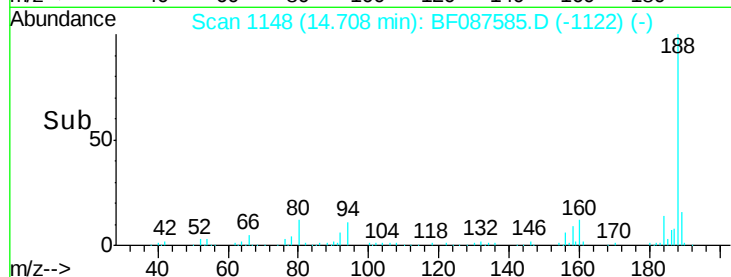
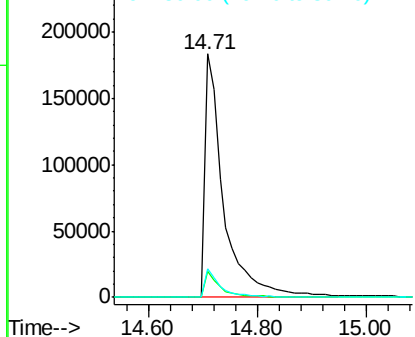
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Instrument :
BNA_F
ClientSampleId :
PB90866TB

Tot Ion:188 Resp: 440154
Ion Ratio Lower Upper
188 100
94 10.6 6.8 10.2#
80 11.8 7.1 10.7#

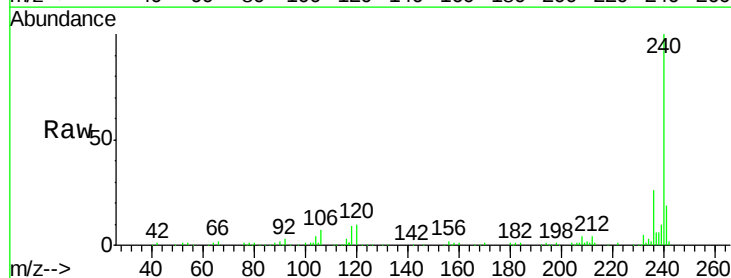


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

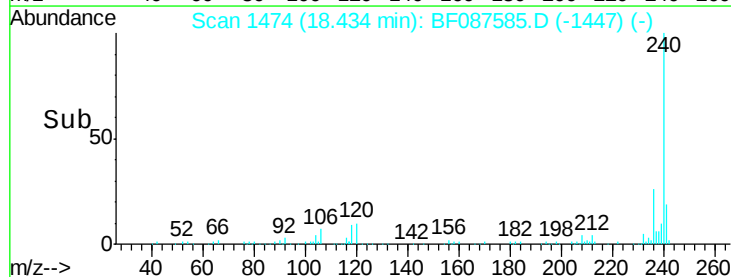
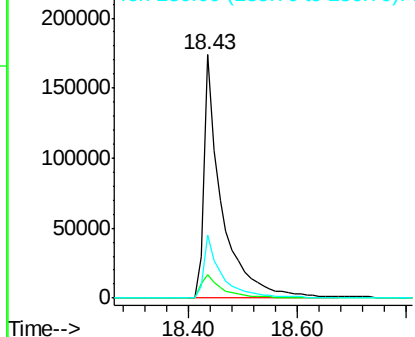


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. 0.01 min
Lab File: BF087585.D
Acq: 31 May 2016 17:18

Tgt Ion:240 Resp: 394894
Ion Ratio Lower Upper
240 100
120 9.6 11.2 16.8#
236 25.9 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

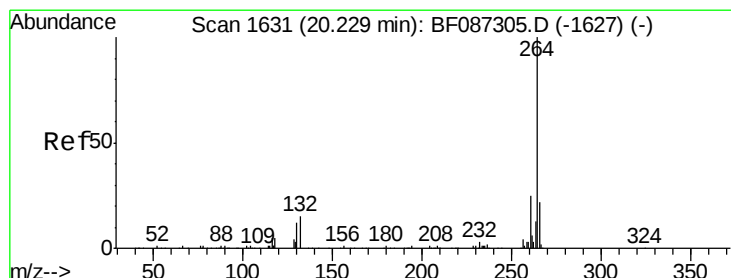
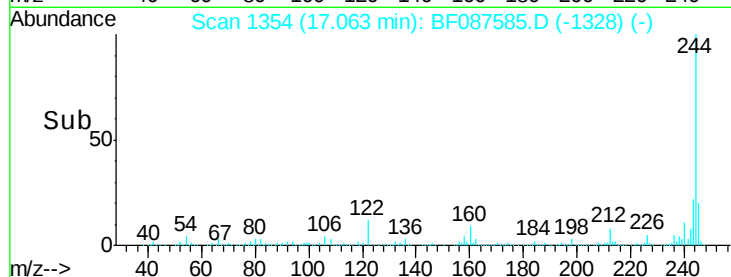
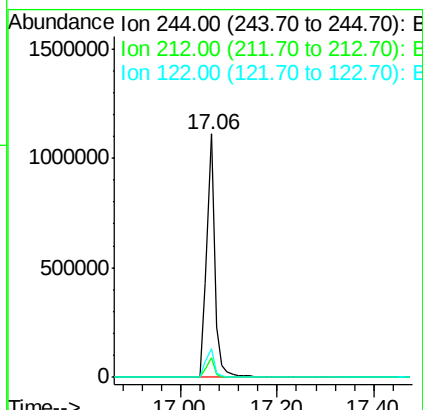
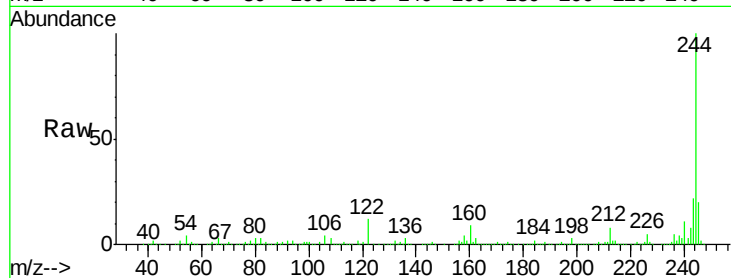




#78
 Terphenyl-d14
 Concen: 70.70 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. 0.00 min
 Lab File: BF087585.D
 Acq: 31 May 2016 17:18

Instrument :
 BNA_F
 ClientSampled :
 PB90866TB

Tot Ion:244 Resp: 1313136
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 11.6 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF087585.D
 Acq: 31 May 2016 17:18

Tgt Ion:264 Resp: 341844
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.4 17.3 25.9

