

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087282.D
 Acq On : 22 May 2016 11:00
 Operator : UM/SJ
 Sample : PB90743TB
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90743TB

Quant Time: May 23 03:52:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 03:47:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	123674	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	518837	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	258596	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	448142	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	308153	20.00	ng	-0.01
86) Perylene-d12	15.05	264	248225	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	908118	123.42	ng	0.00
7) Phenol-d6	6.23	99	1076528	109.09	ng	-0.01
23) Nitrobenzene-d5	7.13	82	758820	72.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	227463	79.60	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1403261	89.87	ng	0.00
78) Terphenyl-d14	12.65	244	1169871	85.88	ng	0.00

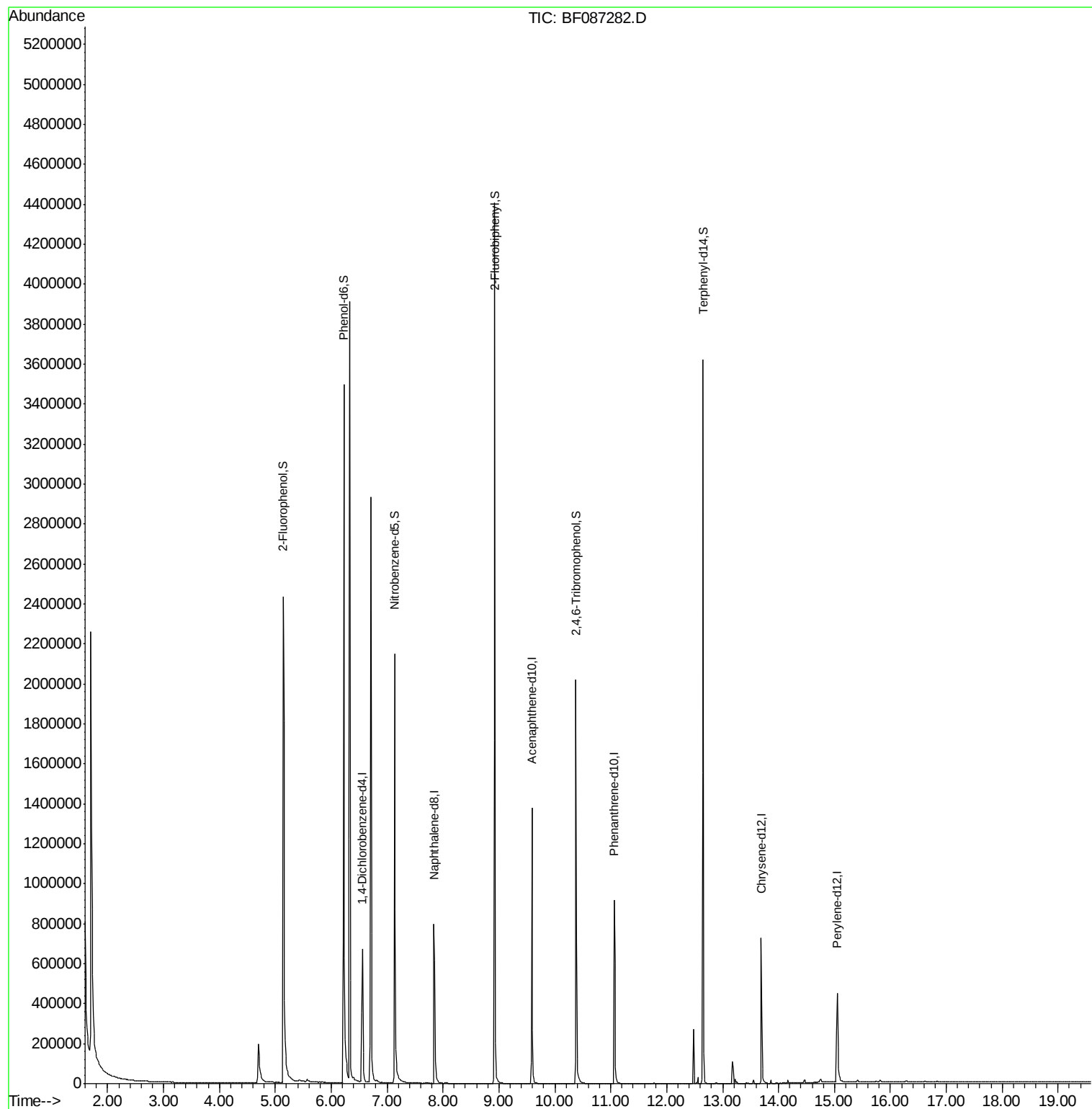
Target Compounds Qvalue

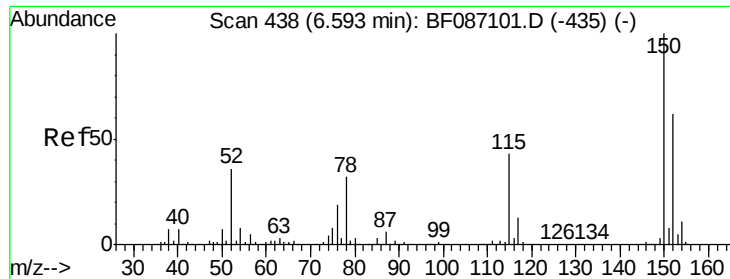
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF087282.D

Acq: 22 May 2016 11:00

Instrument :

BNA_F

ClientSampleId :

PB90743TB

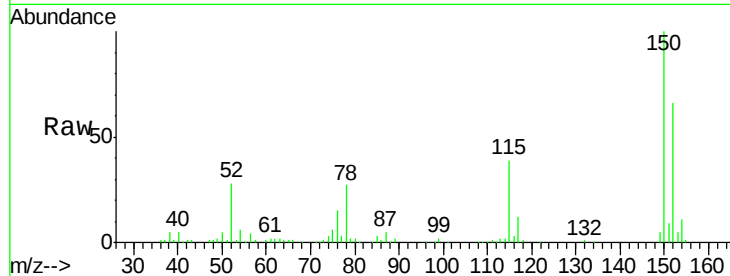
Tot Ion:152 Resp: 123674

Ion Ratio Lower Upper

152 100

150 151.9 125.8 188.6

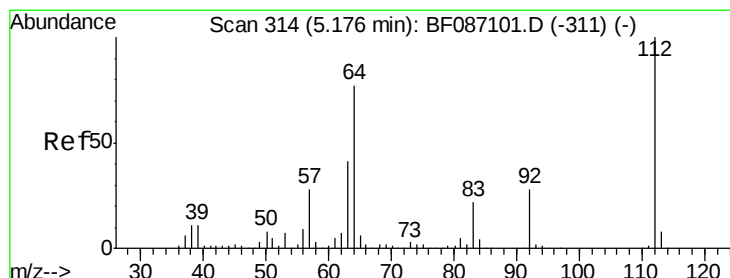
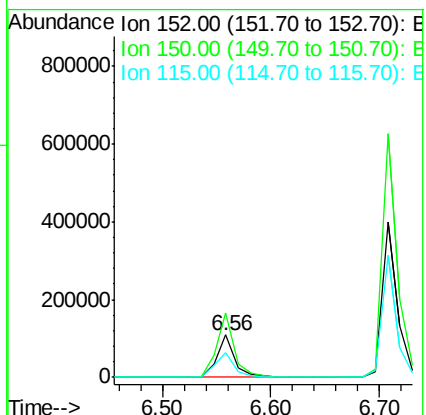
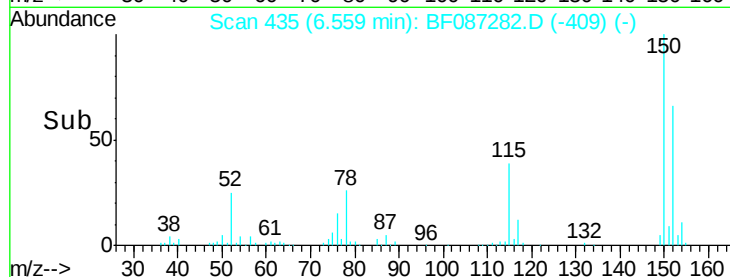
115 59.2 51.5 77.3



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: 123.42 ng

RT: 5.14 min Scan# 311

Delta R.T. 0.00 min

Lab File: BF087282.D

Acq: 22 May 2016 11:00

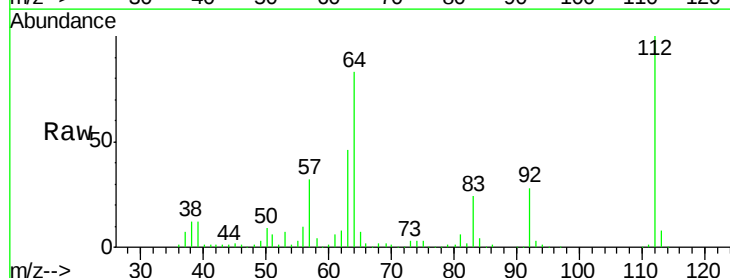
Tgt Ion:112 Resp: 908118

Ion Ratio Lower Upper

112 100

64 83.0 52.1 78.1#

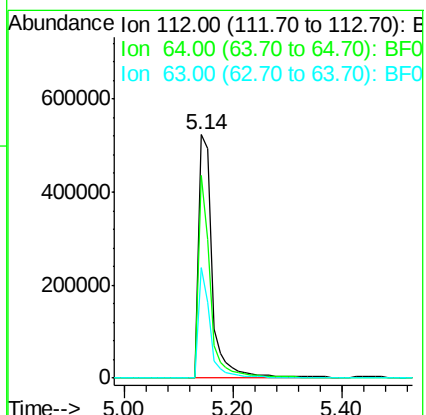
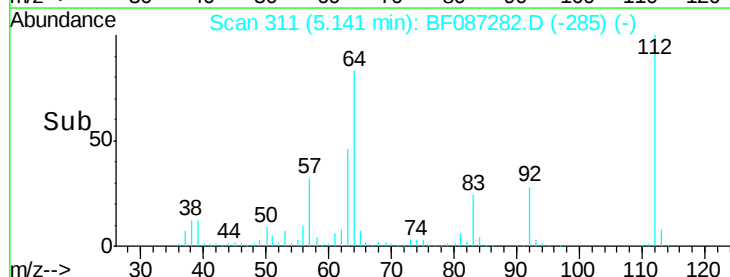
63 45.6 25.7 38.5#

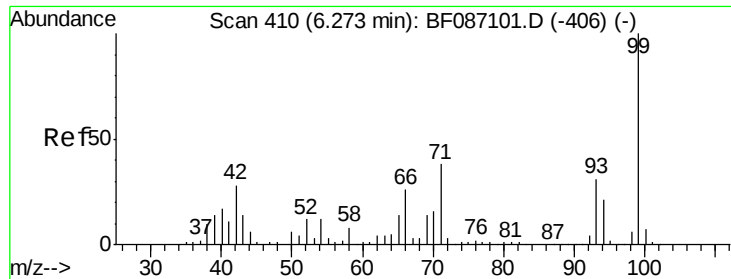


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.09 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087282.D

Acq: 22 May 2016 11:00

Instrument :

BNA_F

ClientSampleId :

PB90743TB

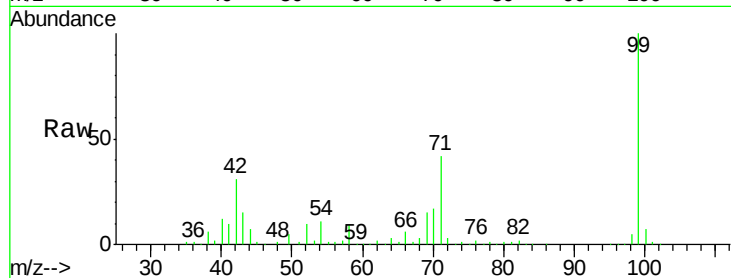
Tot Ion: 99 Resp: 1076528

Ion Ratio Lower Upper

99 100

42 30.8 13.6 20.4#

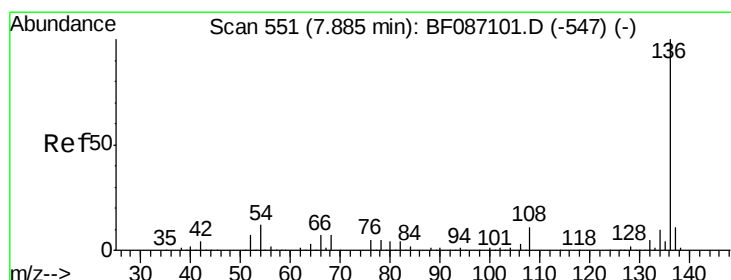
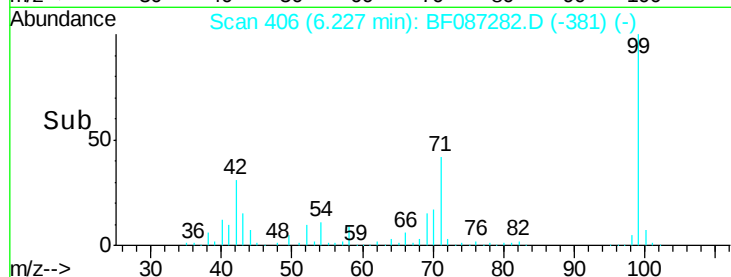
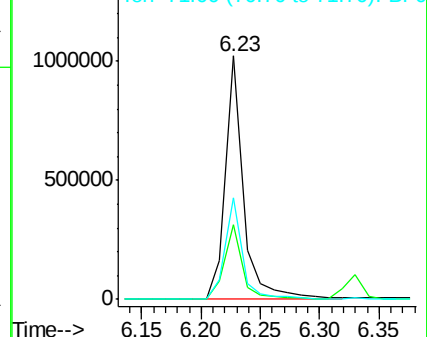
71 41.6 24.6 36.8#



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: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF087282.D

Acq: 22 May 2016 11:00

Tgt Ion: 136 Resp: 518837

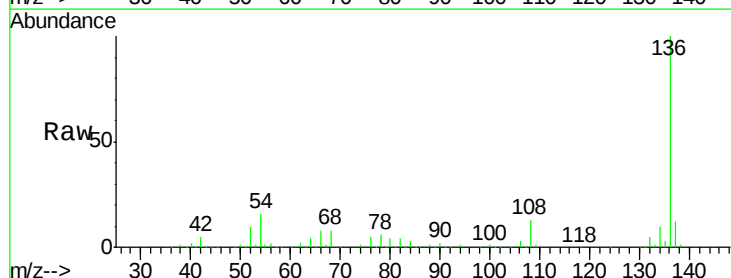
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 16.4 5.0 7.4#

68 7.7 4.4 6.6#

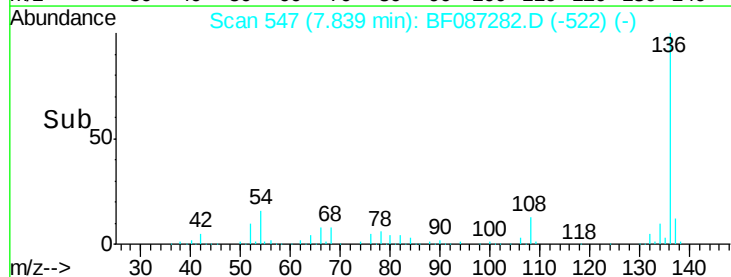
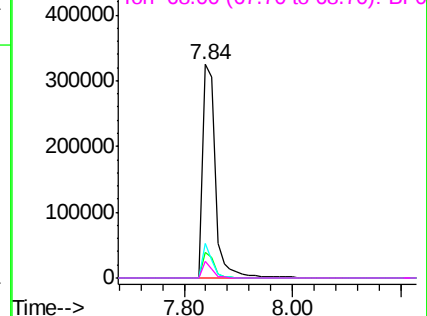


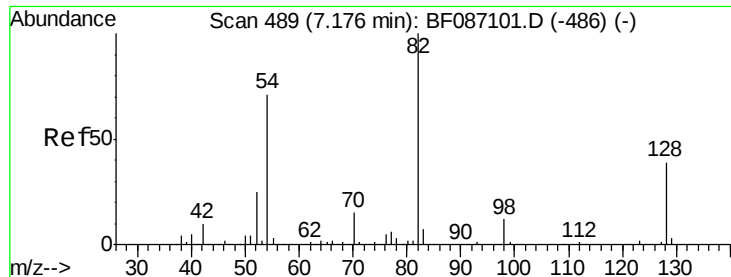
Abundance Ion 136.00 (135.70 to 136.70): E

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

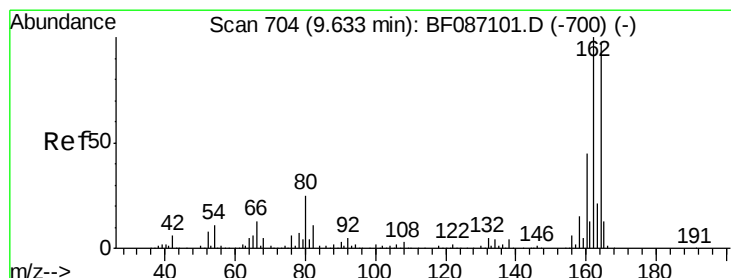
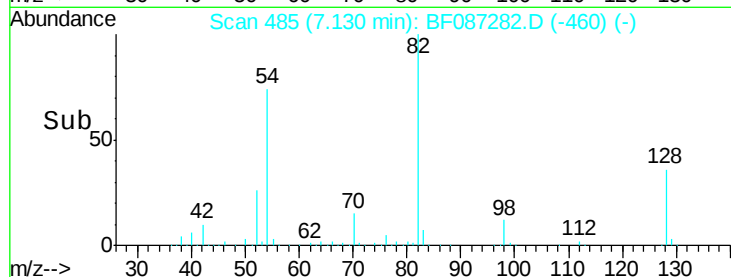
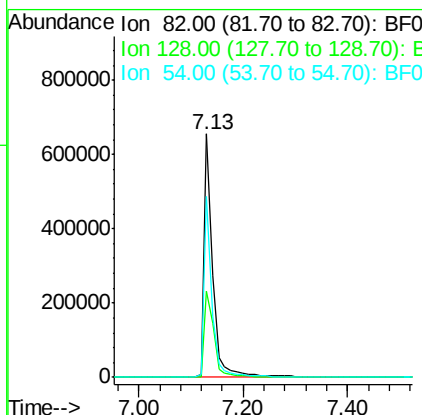
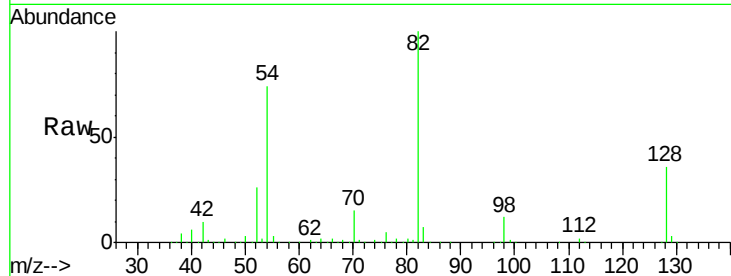




#23
Nitrobenzene-d5
Concen: 72.89 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF087282.D
Acq: 22 May 2016 11:00

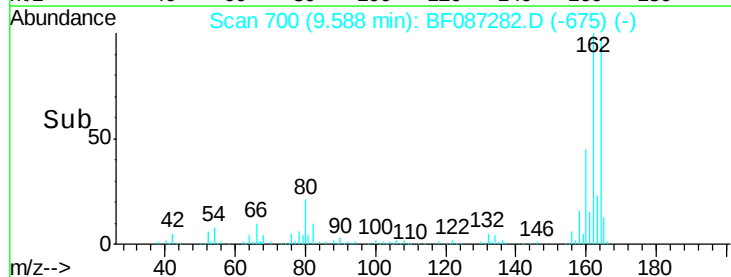
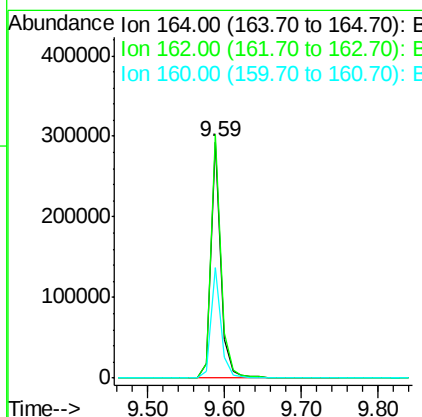
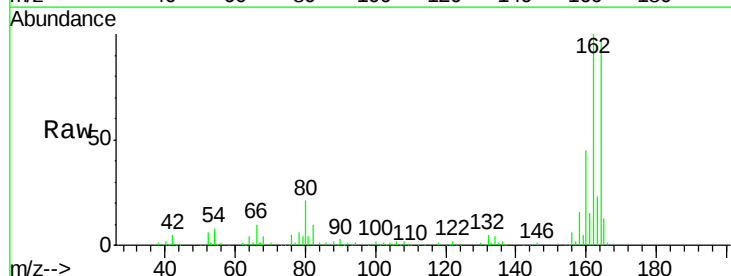
Instrument :
BNA_F
ClientSampleId :
PB90743TB

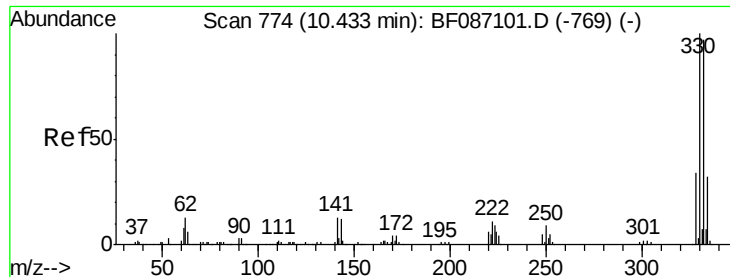
Tot Ion: 82 Resp: 758820
Ion Ratio Lower Upper
82 100
128 35.6 40.6 61.0#
54 74.1 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF087282.D
Acq: 22 May 2016 11:00

Tgt Ion: 164 Resp: 258596
Ion Ratio Lower Upper
164 100
162 103.1 82.8 124.2
160 46.8 36.9 55.3

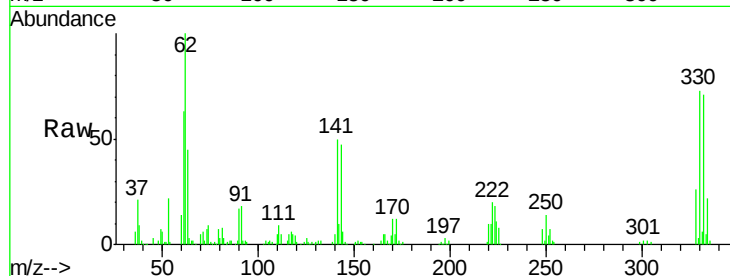




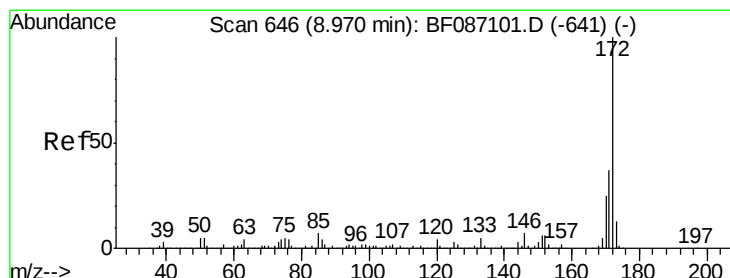
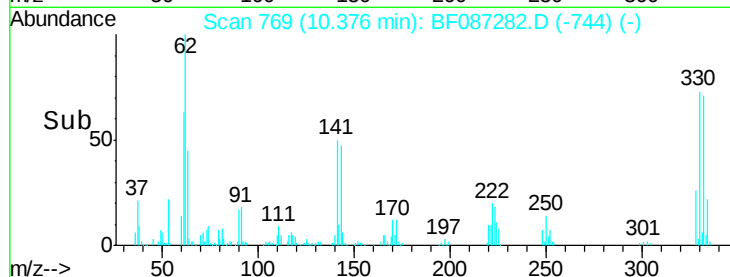
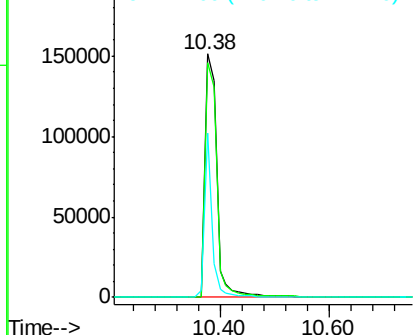
#41
 2,4,6-Tribromophenol
 Concen: 79.60 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Instrument :
 BNA_F
 ClientSampleId :
 PB90743TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.0	118.4
141	42.9	31.2	46.8

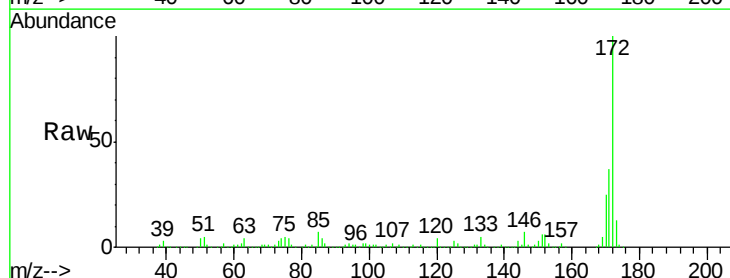


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

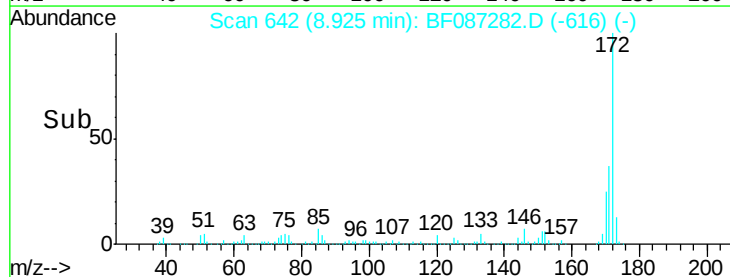
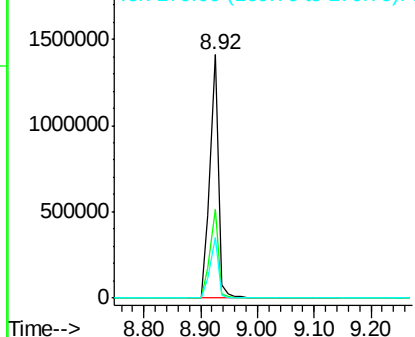


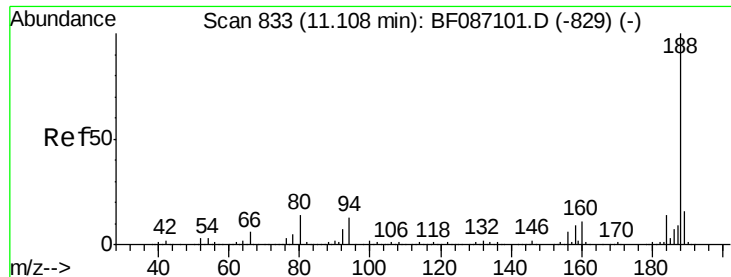
#44
 2-Fluorobiphenyl
 Concen: 89.87 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087282.D
 Acq: 22 May 2016 11:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.6	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

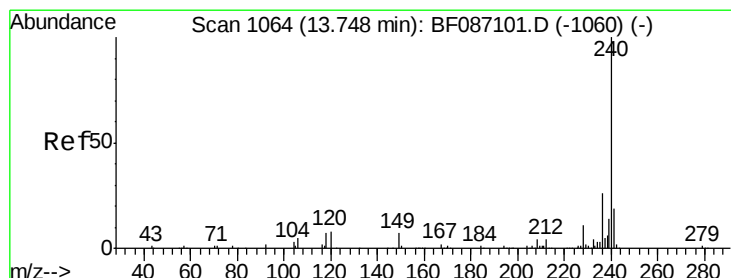
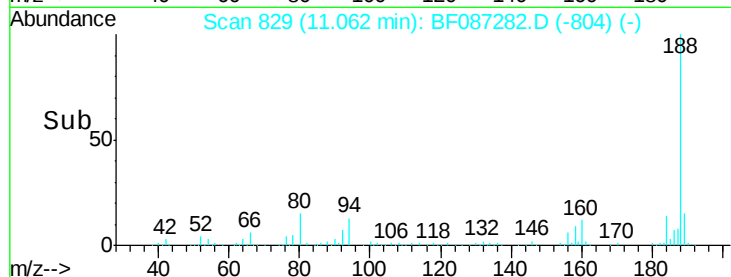
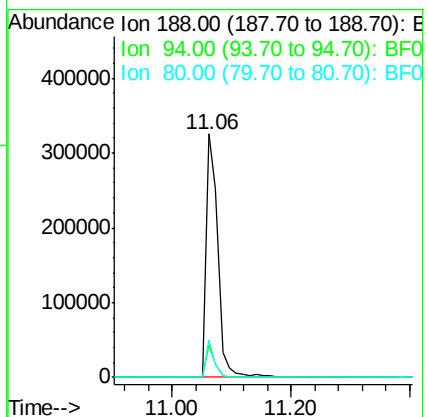
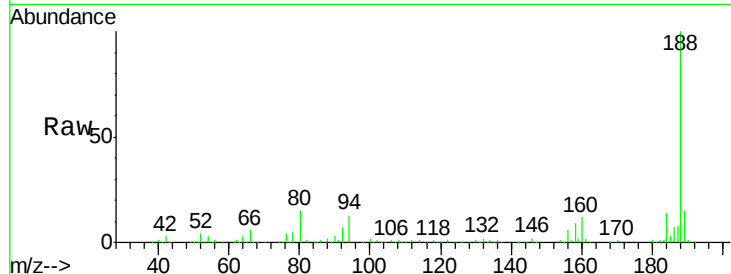




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087282.D
Acq: 22 May 2016 11:00

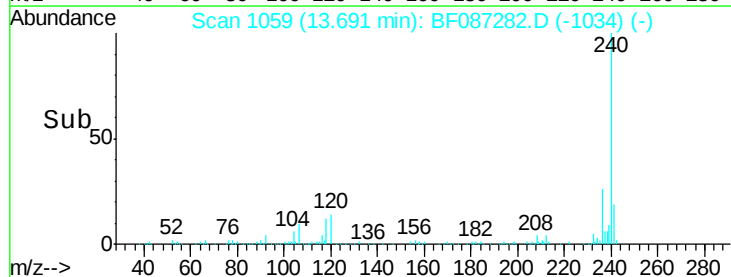
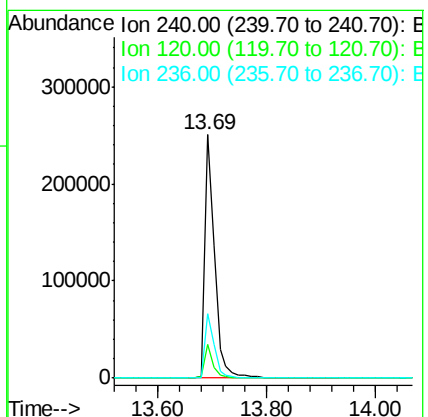
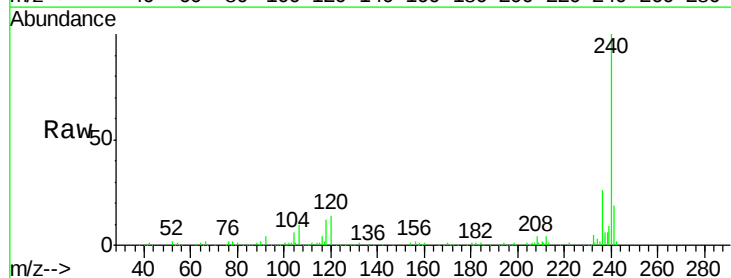
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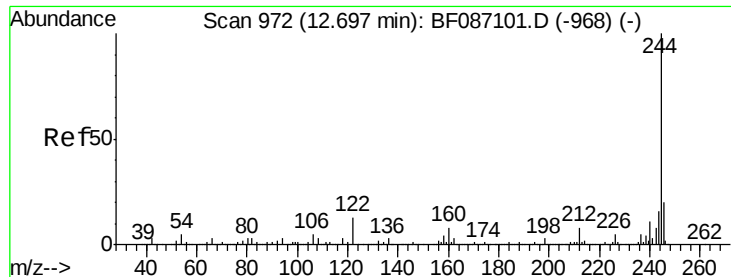
Tot Ion:188 Resp: 448142
Ion Ratio Lower Upper
188 100
94 13.4 6.8 10.2#
80 15.4 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087282.D
Acq: 22 May 2016 11:00

Tgt Ion:240 Resp: 308153
Ion Ratio Lower Upper
240 100
120 13.8 11.2 16.8
236 26.4 21.2 31.8





#78

Terphenyl-d14

Concen: 85.88 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF087282.D

Acq: 22 May 2016 11:00

Instrument :

BNA_F

ClientSampleId :

PB90743TB

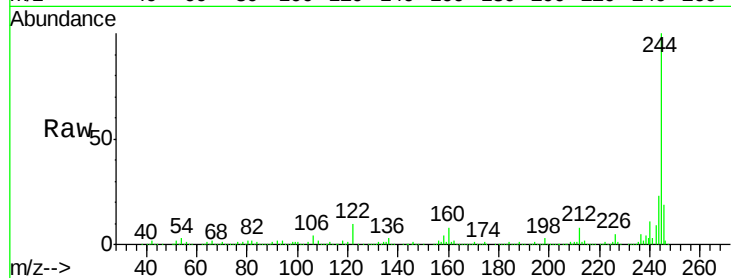
Tot Ion:244 Resp: 1169871

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

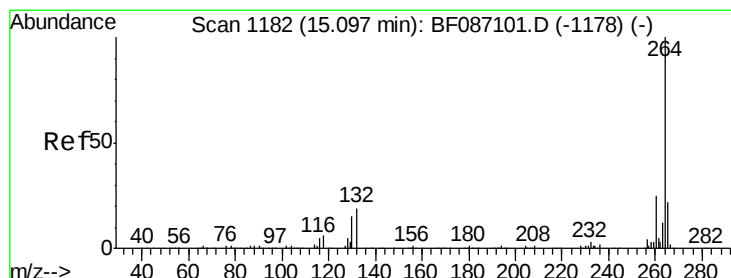
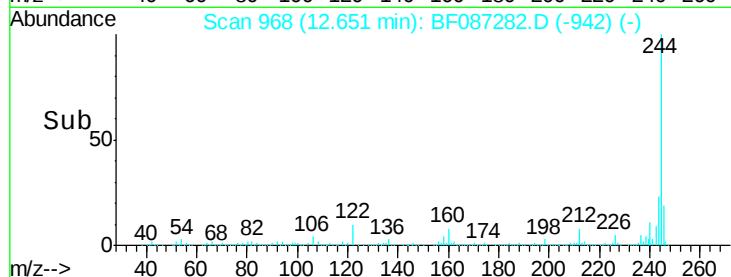
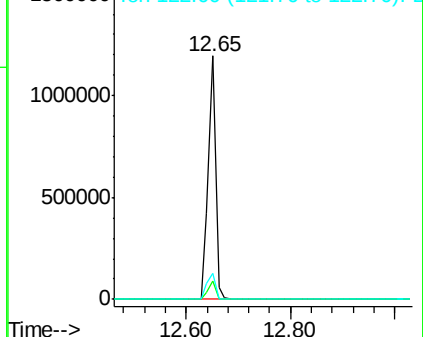
122 10.4 12.0 18.0#



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: 15.05 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF087282.D

Acq: 22 May 2016 11:00

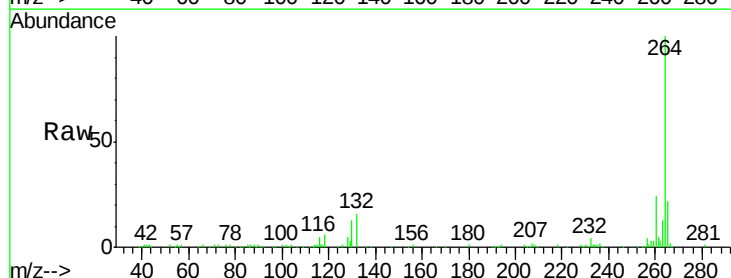
Tgt Ion:264 Resp: 248225

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.6 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

