

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052216\
 Data File : BF087283.D
 Acq On : 22 May 2016 11:29
 Operator : UM/SJ
 Sample : PB90787BL
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BL

Quant Time: May 23 03:54:10 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	125398	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	539831	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	262877	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	459940	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	308317	20.00	ng	-0.01
86) Perylene-d12	15.05	264	247308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1031946	138.32	ng	0.01
7) Phenol-d6	6.23	99	1093216	109.26	ng	-0.01
23) Nitrobenzene-d5	7.13	82	812071	74.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	243090	83.68	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1485523	93.59	ng	0.00
78) Terphenyl-d14	12.65	244	1231983	90.39	ng	0.00

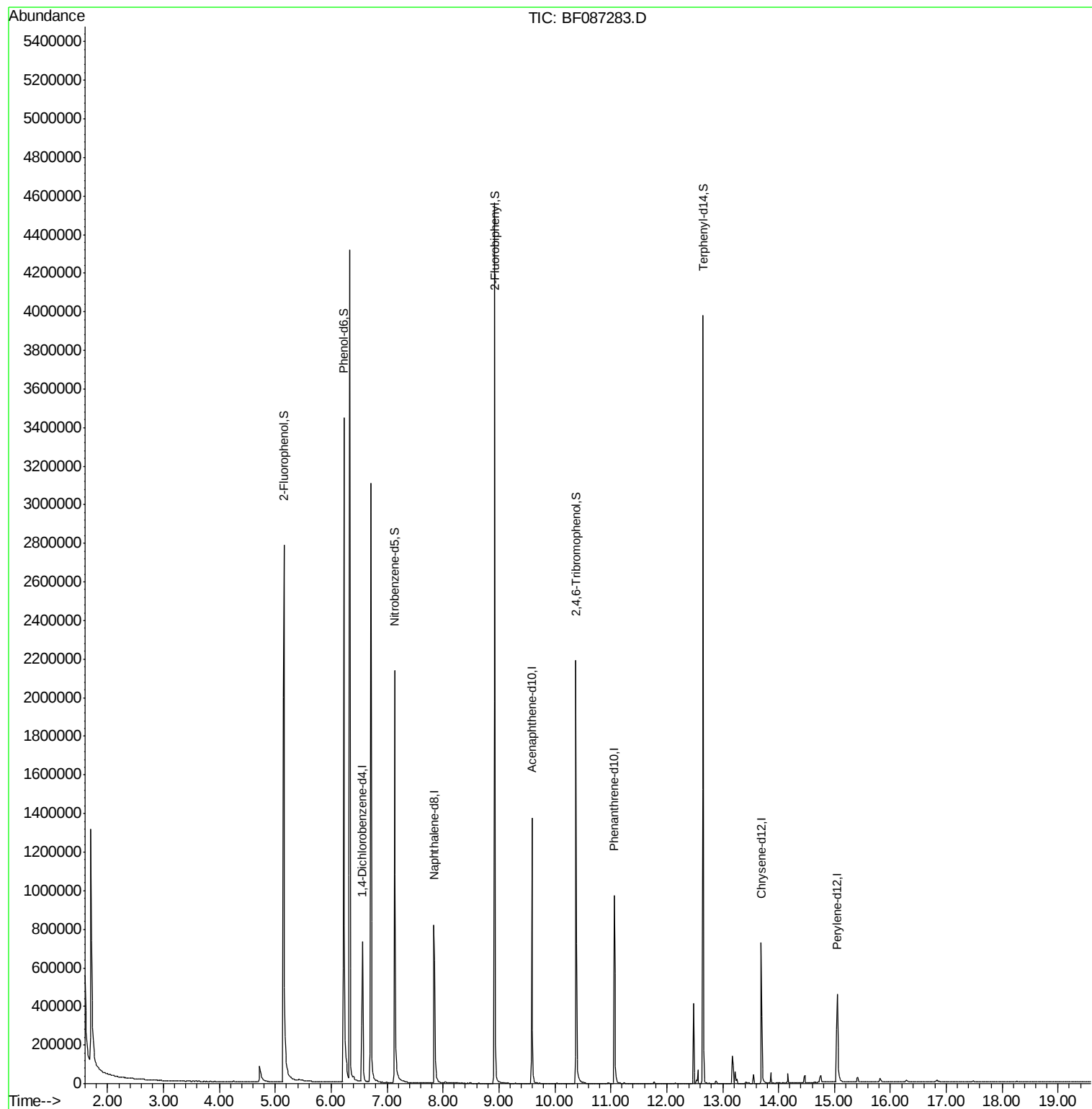
Target Compounds Qvalue

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

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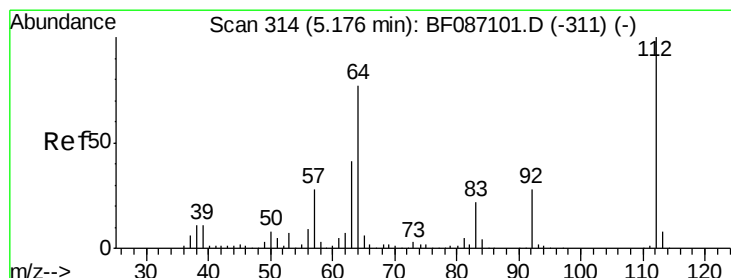
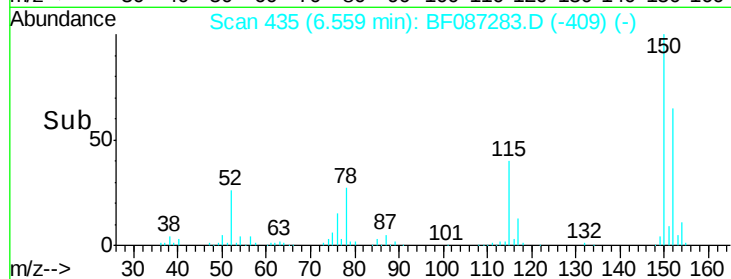
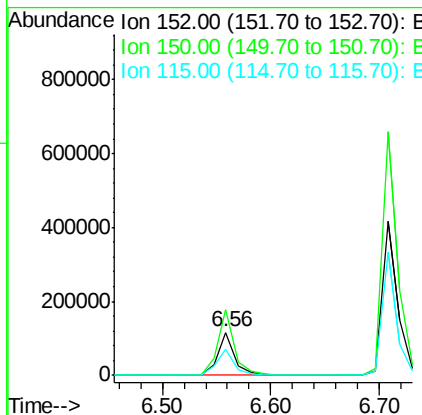
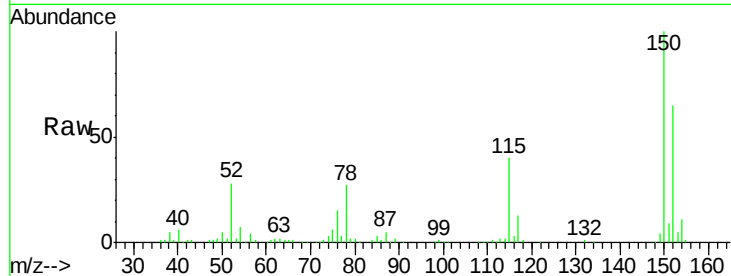


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087283.D
Acq: 22 May 2016 11:29

Instrument :
BNA_F
ClientSampleId :
PB90787BL

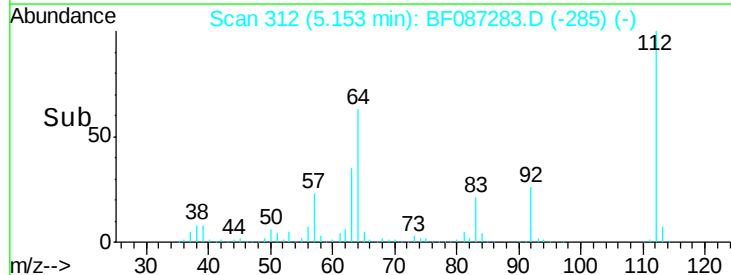
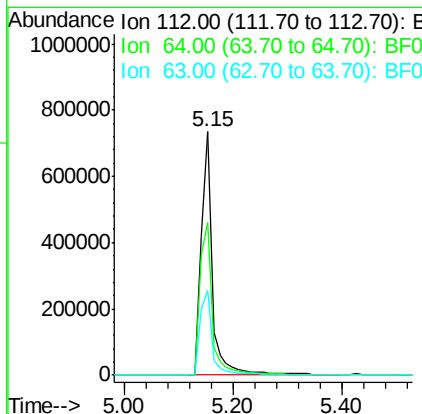
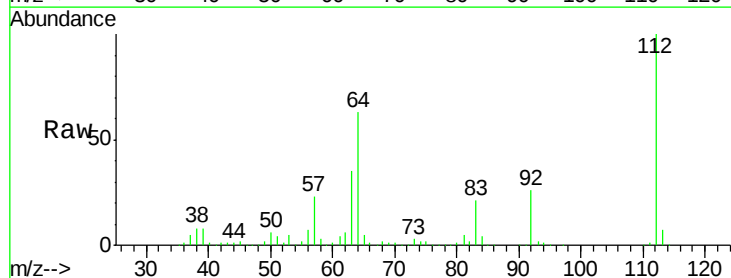
Tot Ion:152 Resp: 125398
Ion Ratio Lower Upper
152 100
150 153.1 125.8 188.6
115 61.0 51.5 77.3



#5

2-Fluorophenol
Concen: 138.32 ng
RT: 5.15 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF087283.D
Acq: 22 May 2016 11:29

Tgt Ion:112 Resp: 1031946
Ion Ratio Lower Upper
112 100
64 62.7 52.1 78.1
63 34.8 25.7 38.5





#7

Phenol-d6

Concen: 109.26 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF087283.D

Acq: 22 May 2016 11:29

Instrument :

BNA_F

ClientSampleId :

PB90787BL

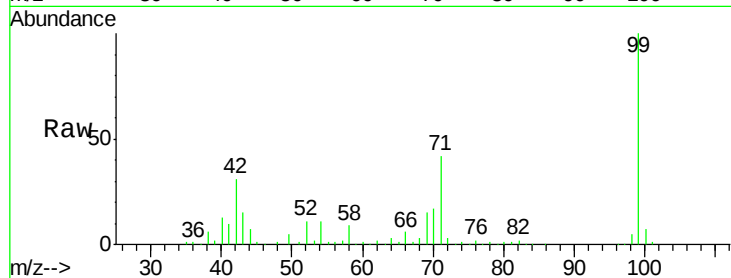
Tot Ion: 99 Resp: 1093216

Ion Ratio Lower Upper

99 100

42 31.4 13.6 20.4#

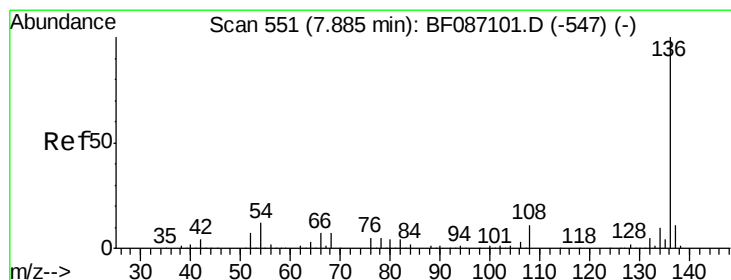
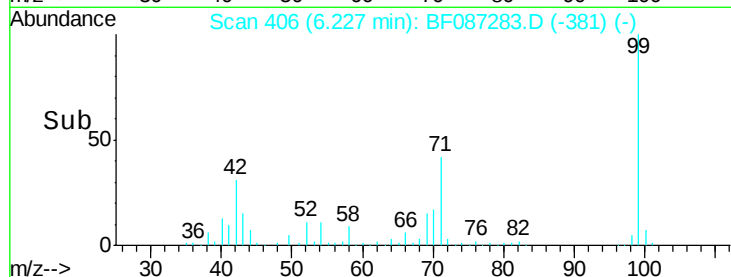
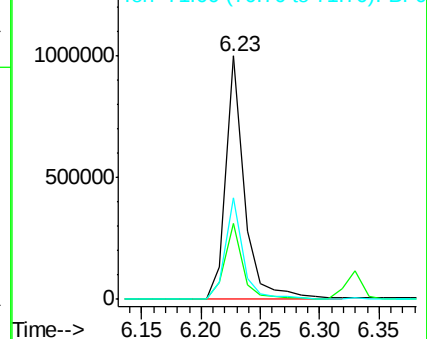
71 41.5 24.6 36.8#



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: BF087283.D

Acq: 22 May 2016 11:29

Tgt Ion: 136 Resp: 539831

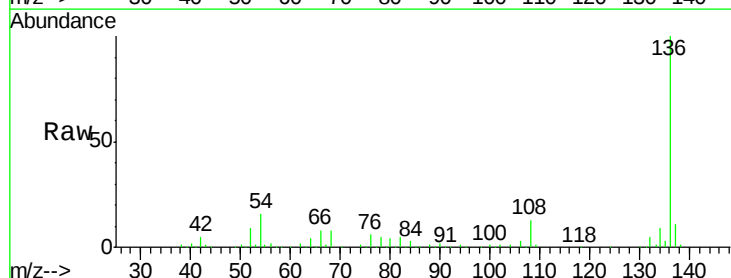
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 15.9 5.0 7.4#

68 7.7 4.4 6.6#

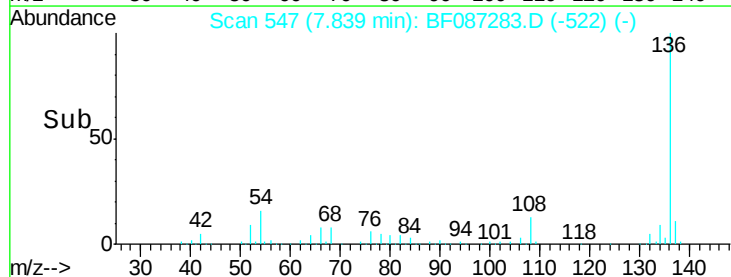
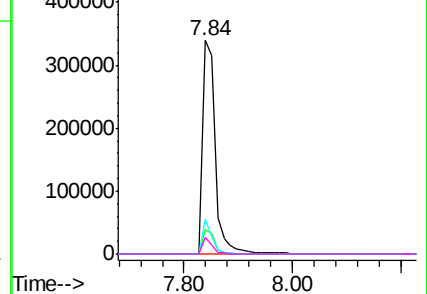


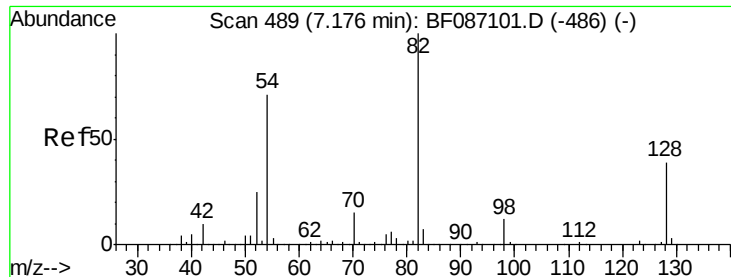
Abundance Ion 136.00 (135.70 to 136.70): E

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

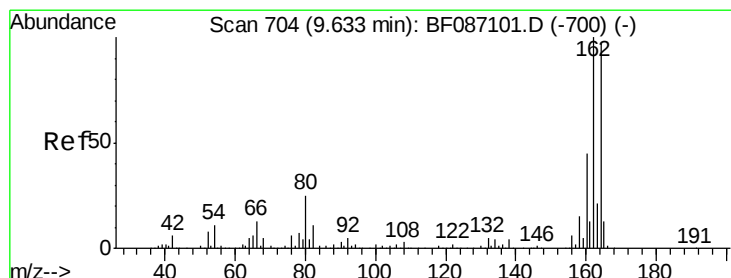
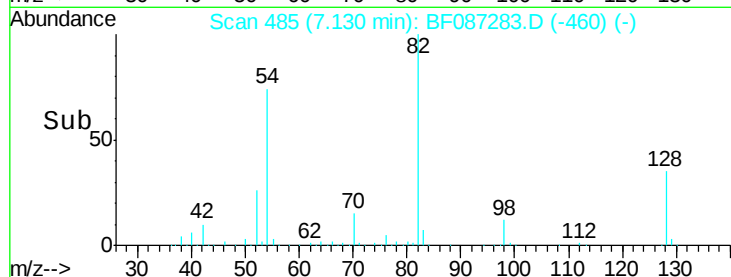
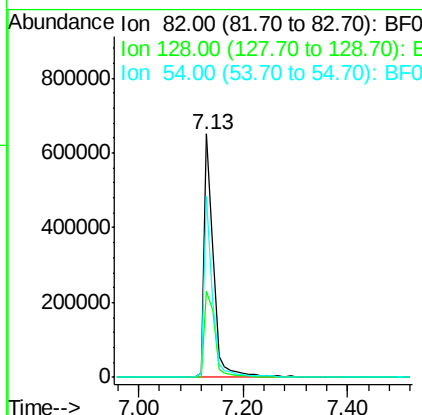
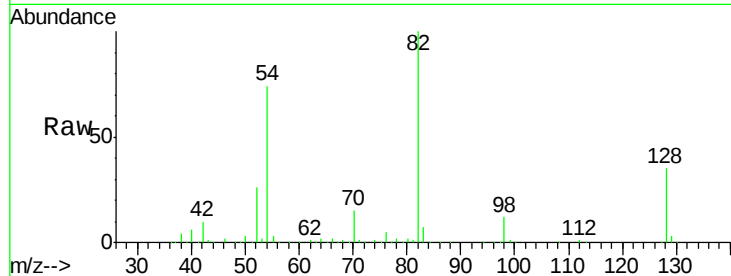




#23
 Nitrobenzene-d5
 Concen: 74.97 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087283.D
 Acq: 22 May 2016 11:29

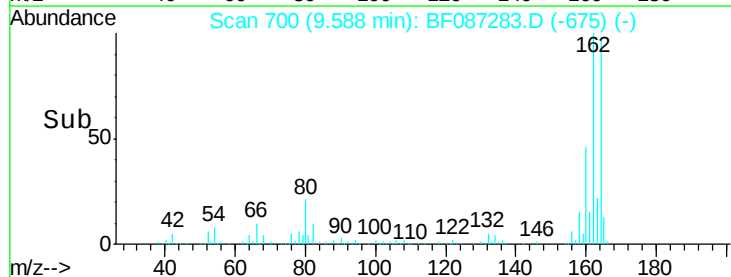
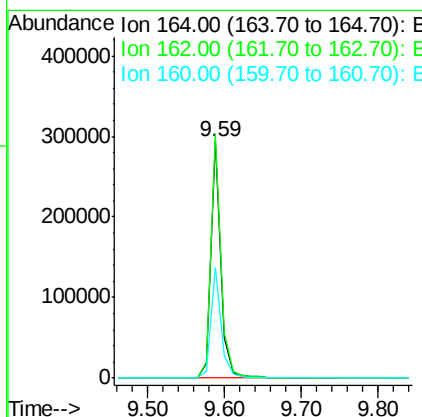
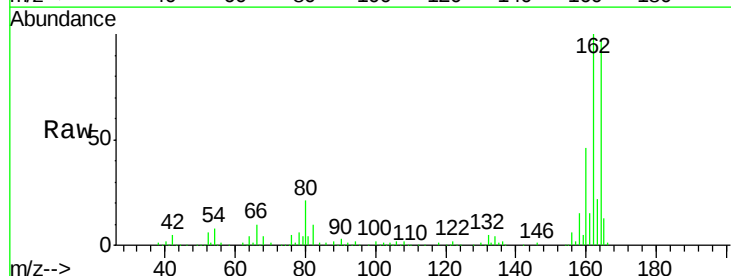
Instrument :
 BNA_F
 ClientSampleId :
 PB90787BL

Tot Ion: 82 Resp: 812071
 Ion Ratio Lower Upper
 82 100
 128 35.4 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: BF087283.D
 Acq: 22 May 2016 11:29

Tgt Ion: 164 Resp: 262877
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 46.9 36.9 55.3

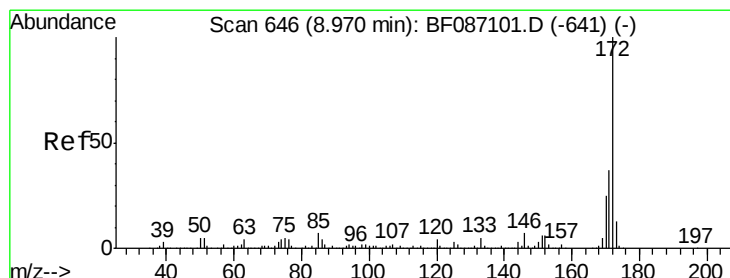
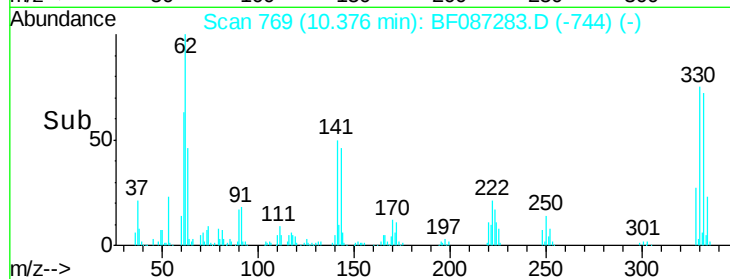
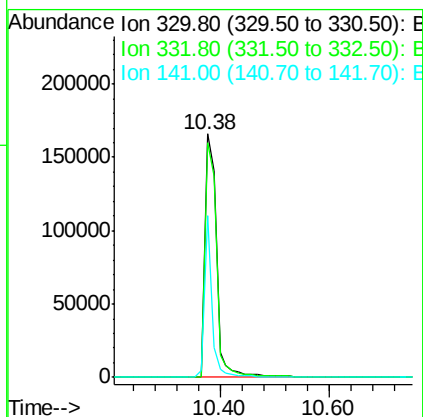
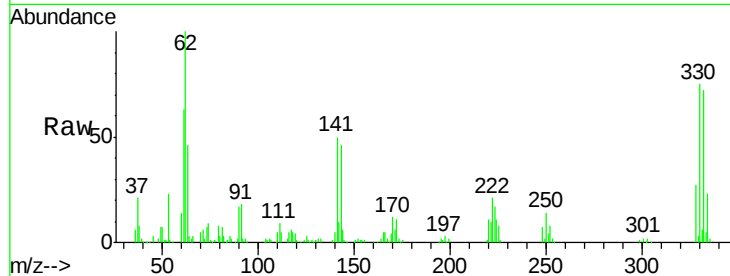




#41
 2,4,6-Tribromophenol
 Concen: 83.68 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087283.D
 Acq: 22 May 2016 11:29

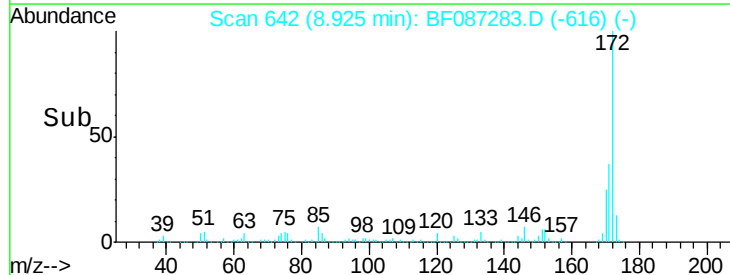
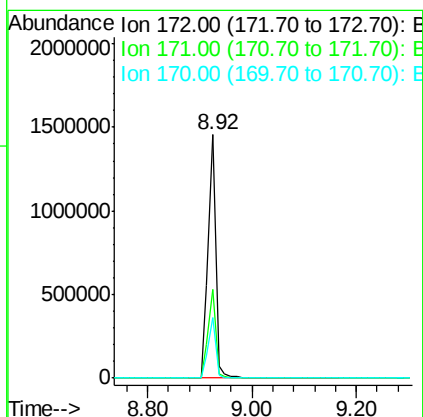
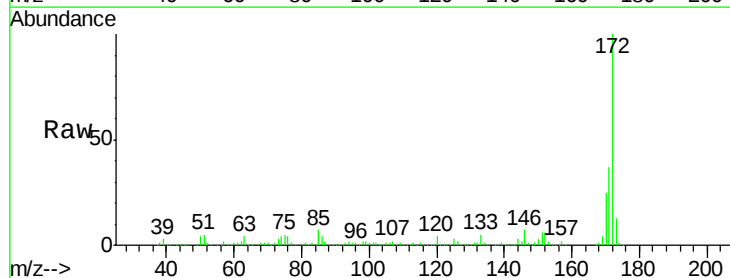
Instrument :
 BNA_F
 ClientSampleId :
 PB90787BL

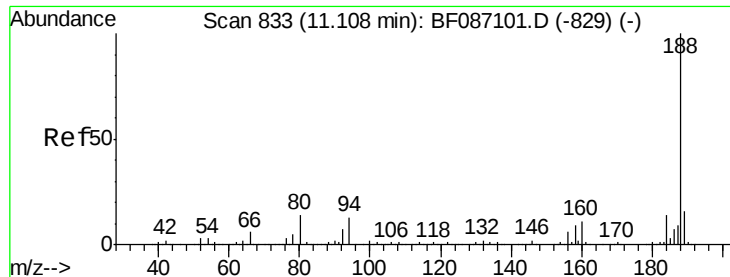
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.0	118.4
141	43.2	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 93.59 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087283.D
 Acq: 22 May 2016 11:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	25.0	19.8	29.8

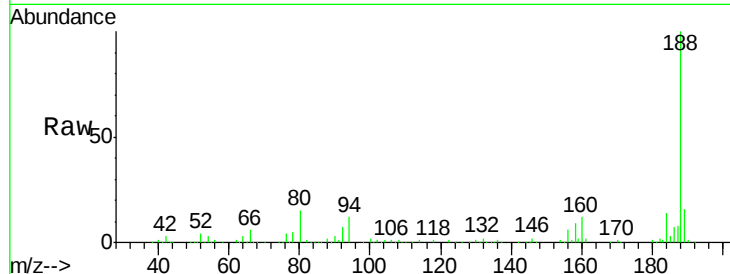




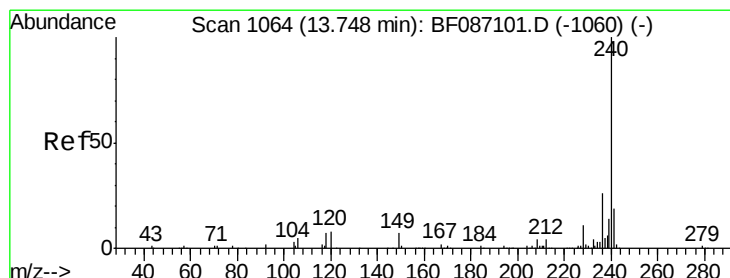
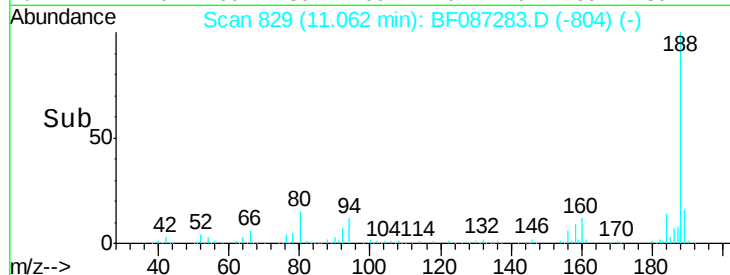
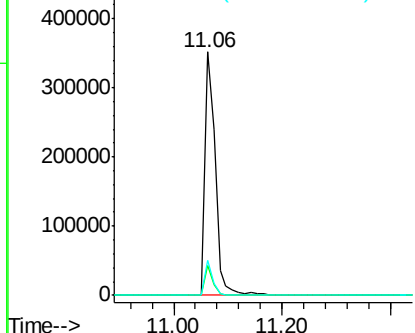
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087283.D
Acq: 22 May 2016 11:29

Instrument :
BNA_F
ClientSampleId :
PB90787BL

Tot Ion:188 Resp: 459940
Ion Ratio Lower Upper
188 100
94 12.5 6.8 10.2#
80 14.5 7.1 10.7#

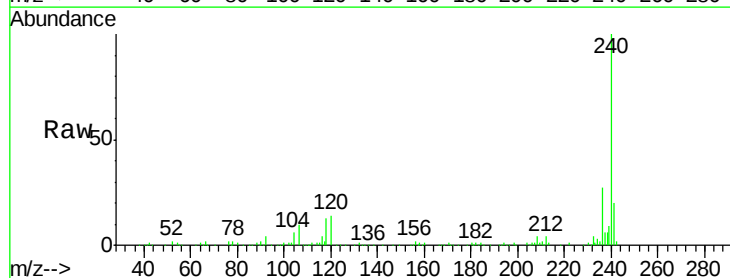


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

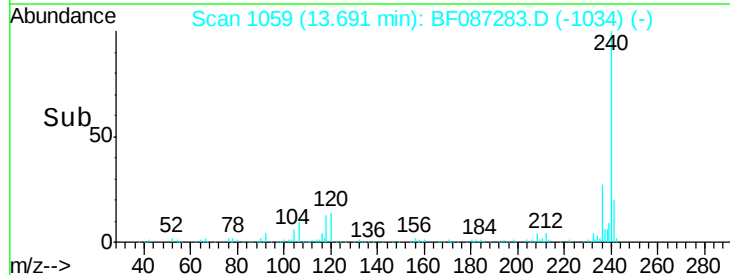
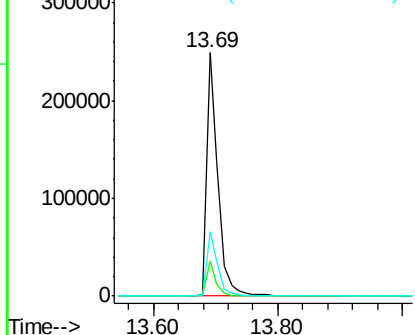


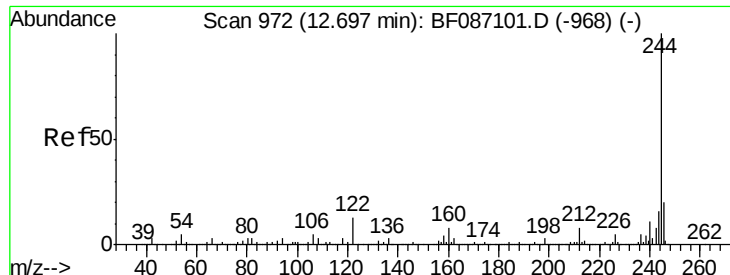
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087283.D
Acq: 22 May 2016 11:29

Tgt Ion:240 Resp: 308317
Ion Ratio Lower Upper
240 100
120 14.3 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

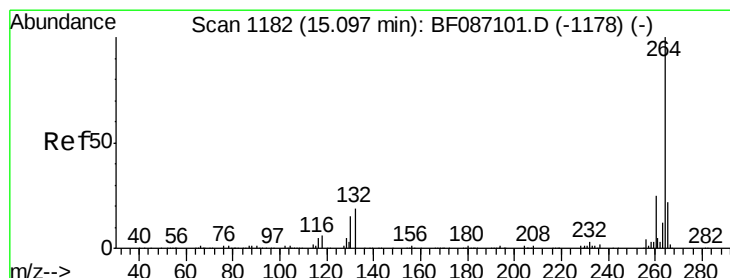
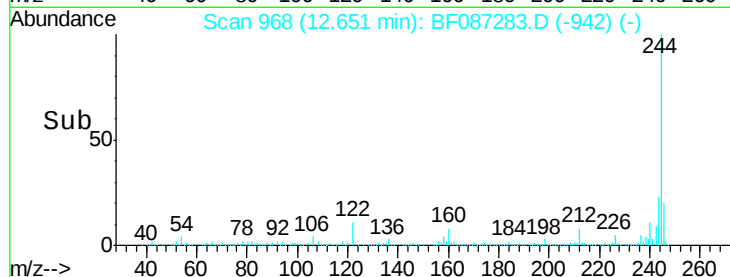
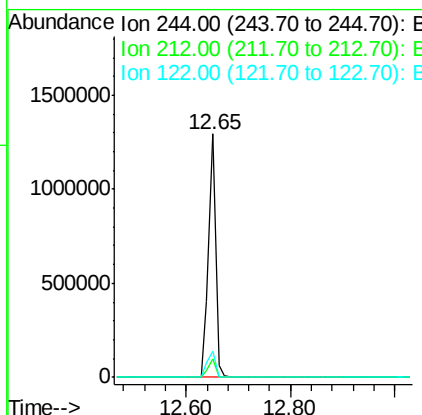
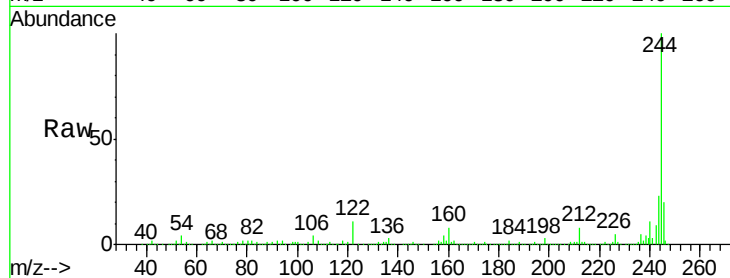




#78
 Terphenyl-d14
 Concen: 90.39 ng
 RT: 12.65 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BF087283.D
 Acq: 22 May 2016 11:29

Instrument :
 BNA_F
 ClientSampleId :
 PB90787BL

Tot Ion:244 Resp: 1231983
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.7 12.0 18.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF087283.D
 Acq: 22 May 2016 11:29

Tgt Ion:264 Resp: 247308
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.1 17.3 25.9

