

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087233.D
 Acq On : 20 May 2016 19:27
 Operator : UM/SJ
 Sample : PB90764BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BL

Quant Time: May 21 00:27:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 00:19:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	139056	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	599344	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	314520	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	592580	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	468469	20.00	ng	-0.01
86) Perylene-d12	15.04	264	330347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	734136	88.74	ng	0.02
7) Phenol-d6	6.23	99	1029734	92.80	ng	0.00
23) Nitrobenzene-d5	7.13	82	876253	72.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	235459	67.75	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1652945	87.04	ng	0.00
78) Terphenyl-d14	12.65	244	1456855	70.35	ng	0.00

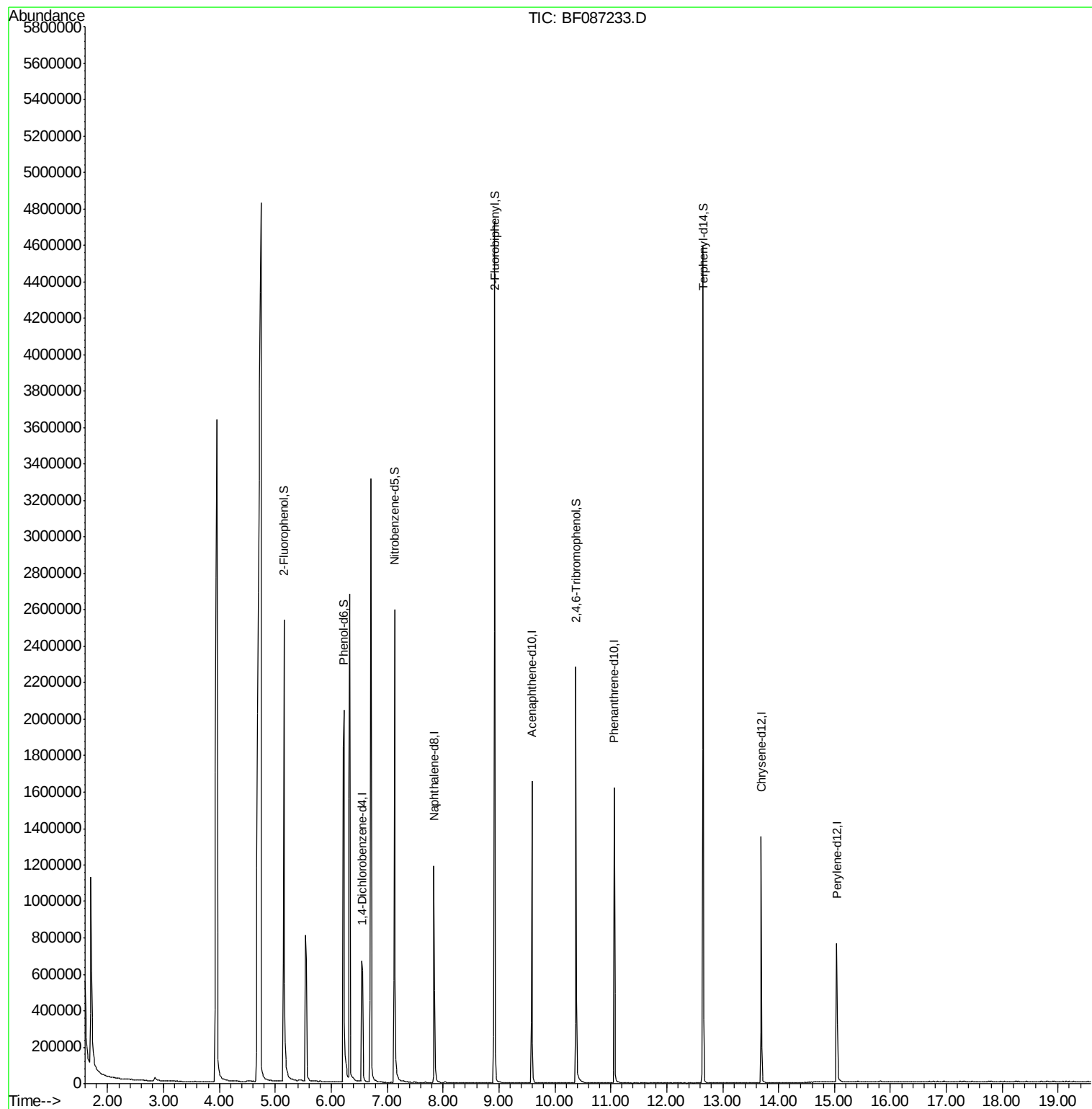
Target Compounds Qvalue

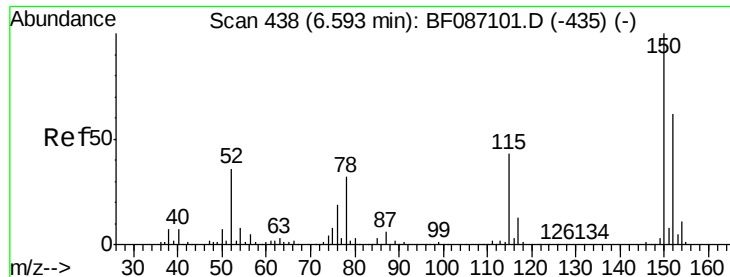
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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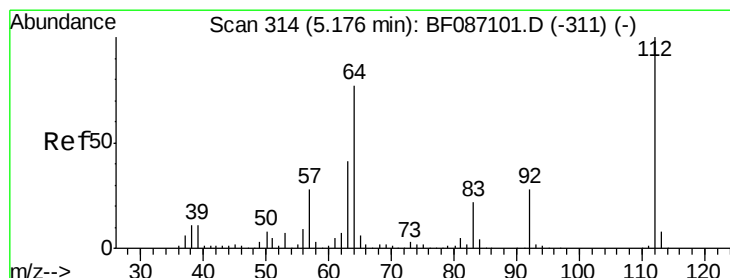
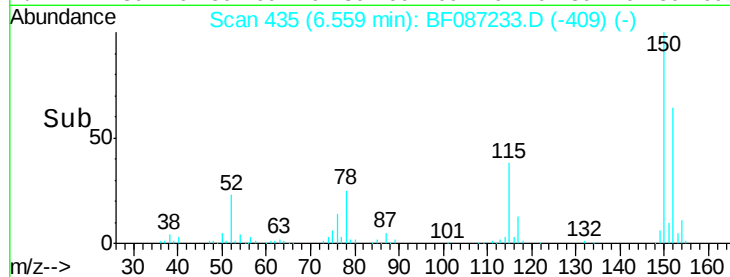
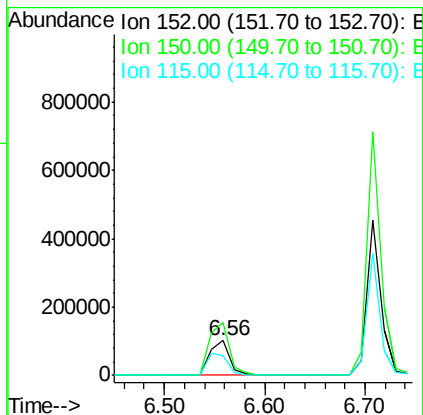
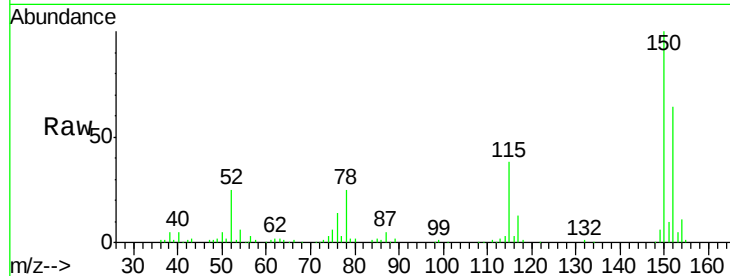


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087233.D
Acq: 20 May 2016 19:27

Instrument :
BNA_F
ClientSampleId :
PB90764BL

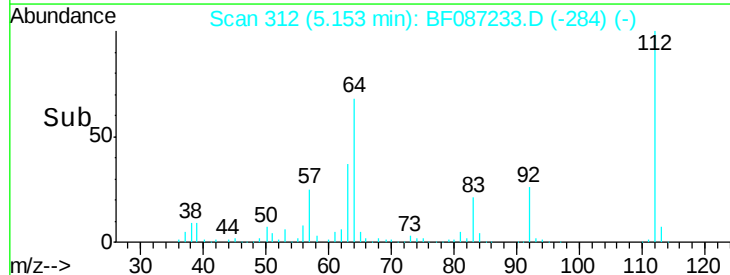
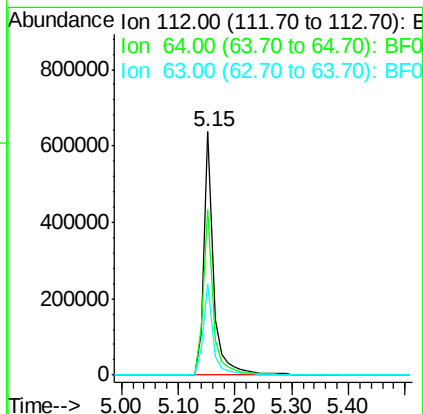
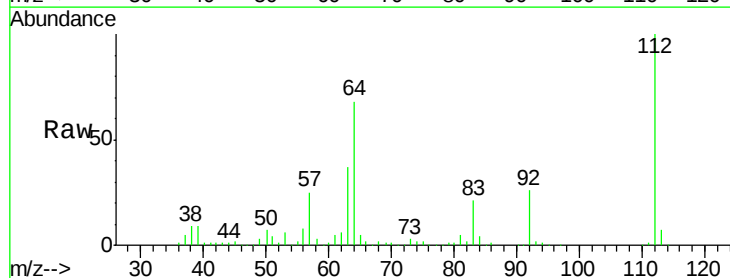
Tot Ion:152 Resp: 139056
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 58.2 51.5 77.3

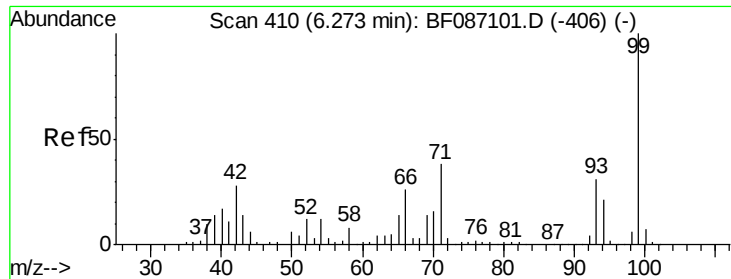


#5

2-Fluorophenol
Concen: 88.74 ng
RT: 5.15 min Scan# 312
Delta R.T. 0.02 min
Lab File: BF087233.D
Acq: 20 May 2016 19:27

Tgt Ion:112 Resp: 734136
Ion Ratio Lower Upper
112 100
64 67.9 52.1 78.1
63 37.5 25.7 38.5





#7

Phenol-d6

Concen: 92.80 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087233.D

Acq: 20 May 2016 19:27

Instrument :

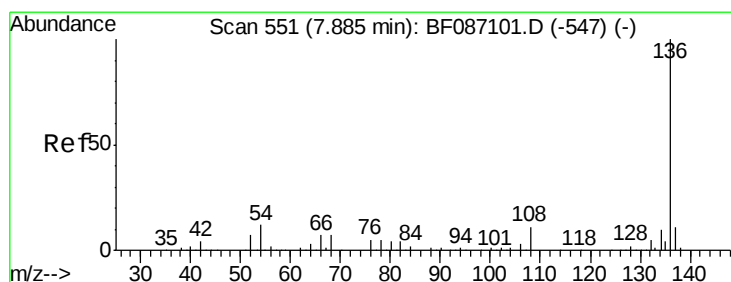
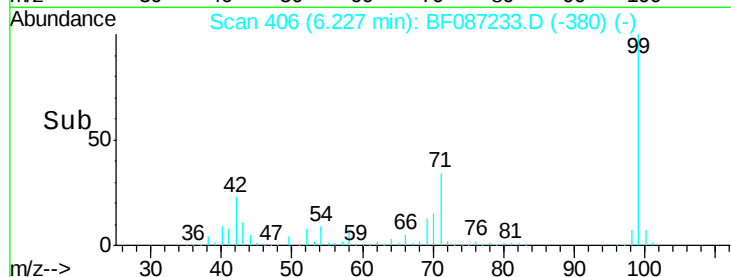
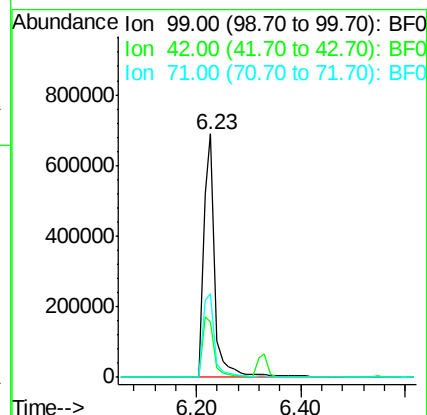
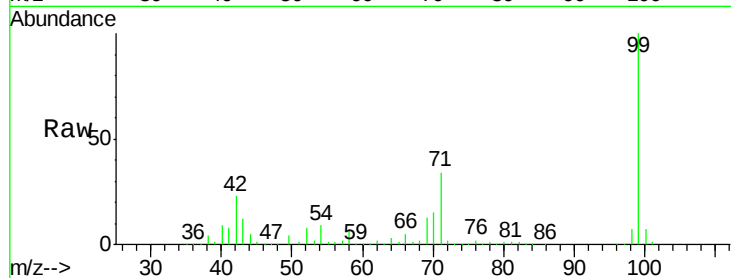
BNA_F

ClientSampleId :

PB90764BL

Tot Ion: 99 Resp: 1029734

Ion	Ratio	Lower	Upper
99	100		
42	22.8	13.6	20.4#
71	34.3	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

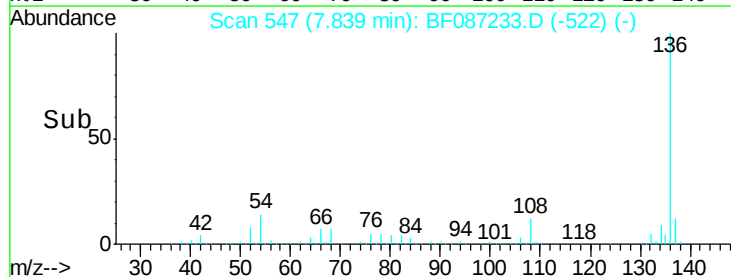
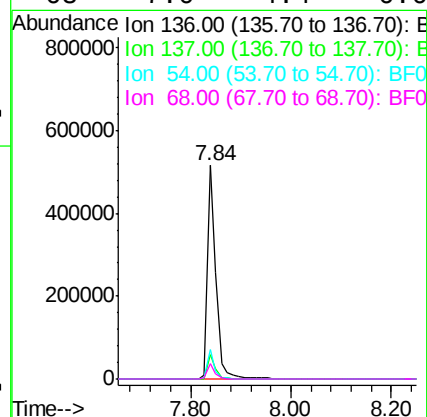
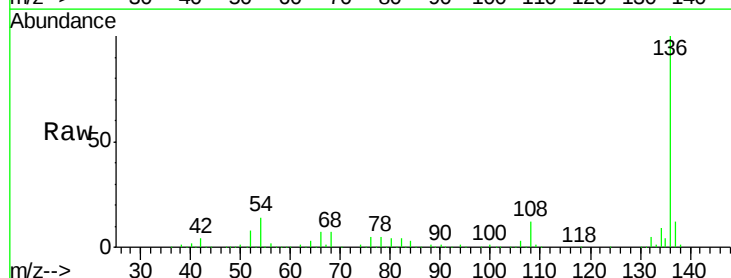
Delta R.T. -0.01 min

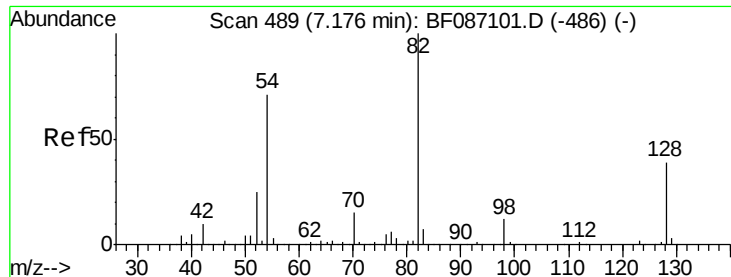
Lab File: BF087233.D

Acq: 20 May 2016 19:27

Tgt Ion: 136 Resp: 599344

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	13.8	5.0	7.4#
68	7.0	4.4	6.6#

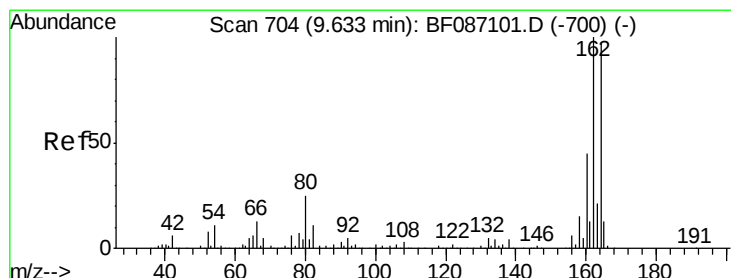
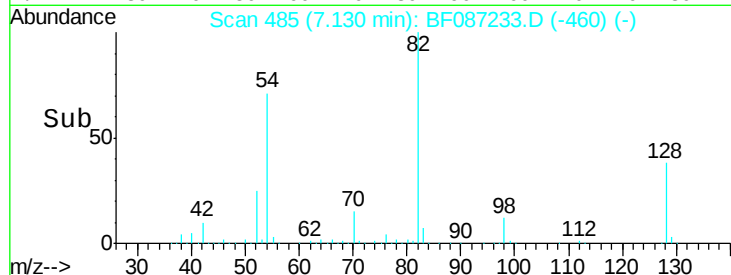
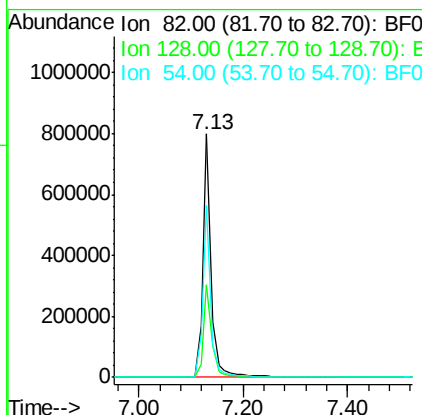
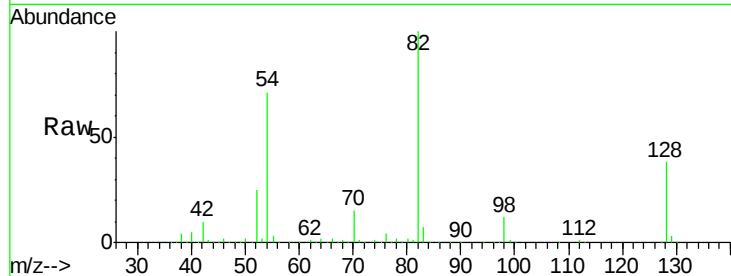




#23
 Nitrobenzene-d5
 Concen: 72.86 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087233.D
 Acq: 20 May 2016 19:27

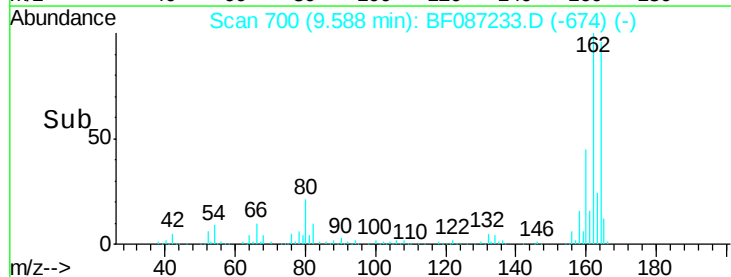
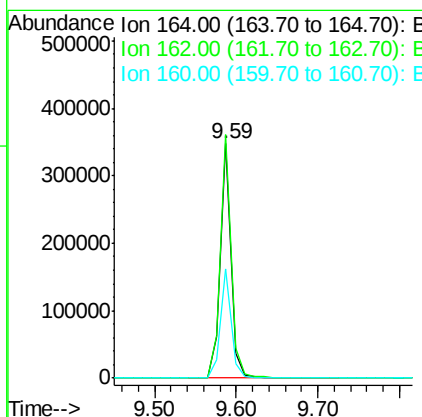
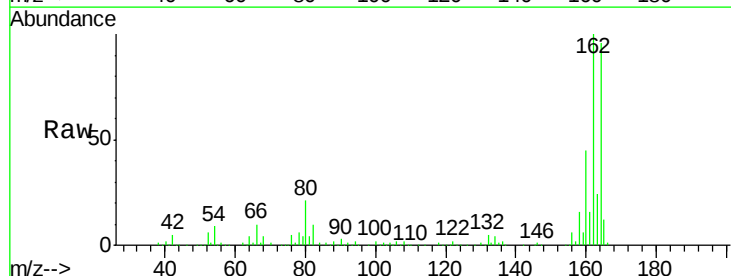
Instrument :
 BNA_F
 ClientSampleId :
 PB90764BL

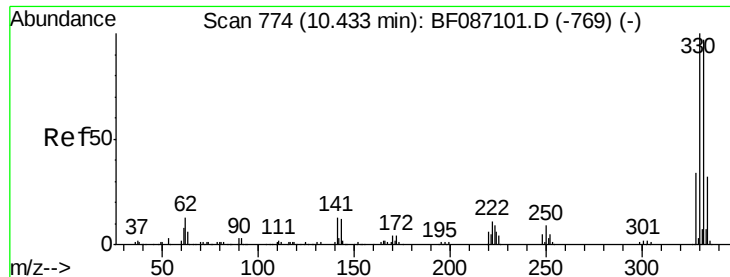
Tot Ion: 82 Resp: 876253
 Ion Ratio Lower Upper
 82 100
 128 38.1 40.6 61.0#
 54 70.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF087233.D
 Acq: 20 May 2016 19:27

Tgt Ion:164 Resp: 314520
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.8 124.2
 160 46.8 36.9 55.3

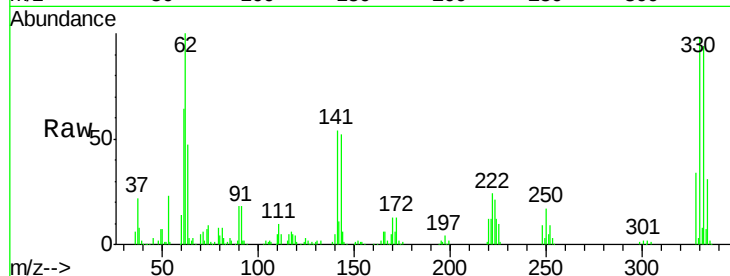




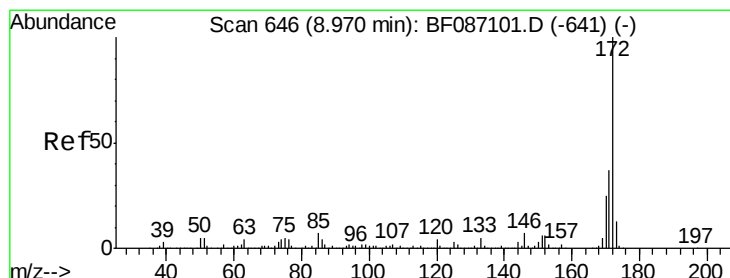
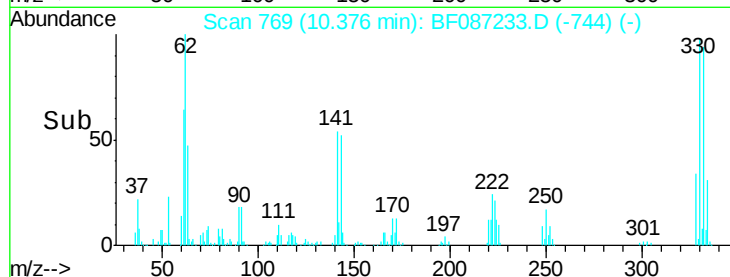
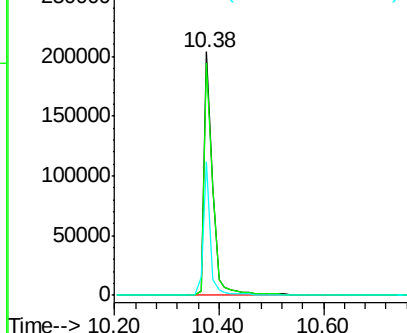
#41
 2,4,6-Tribromophenol
 Concen: 67.75 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087233.D
 Acq: 20 May 2016 19:27

Instrument :
 BNA_F
 ClientSampleId :
 PB90764BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.0	118.4
141	45.5	31.2	46.8

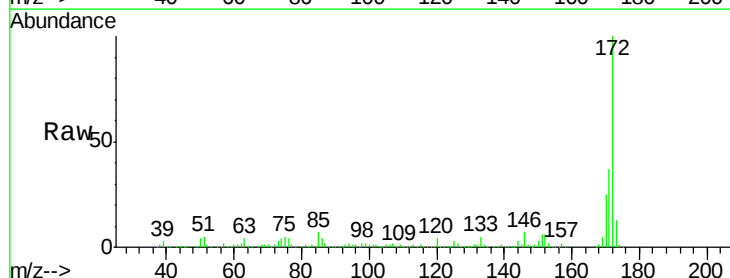


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

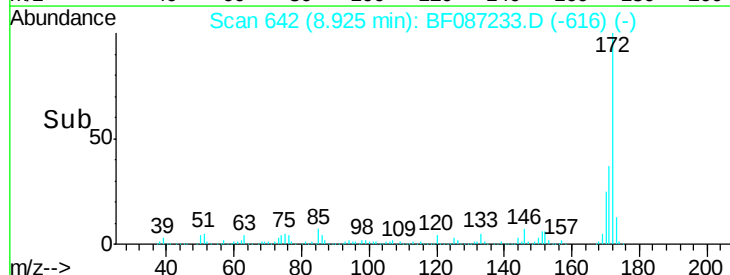
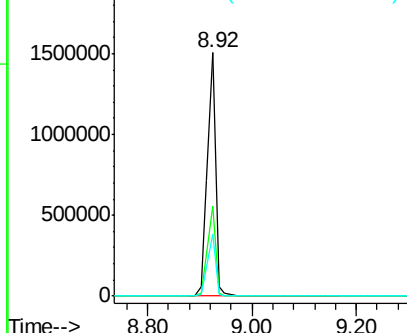


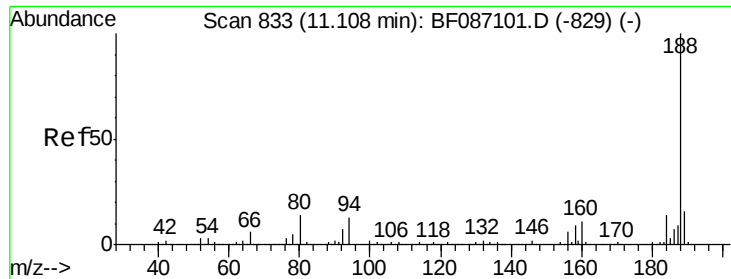
#44
 2-Fluorobiphenyl
 Concen: 87.04 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087233.D
 Acq: 20 May 2016 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	25.2	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

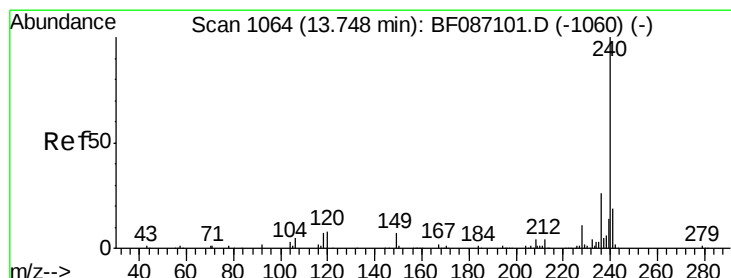
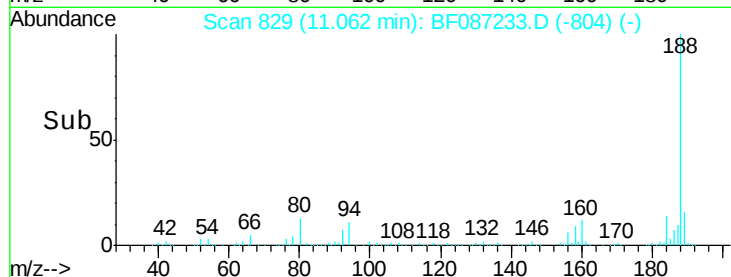
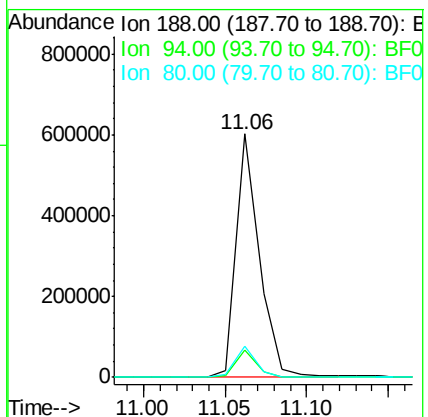
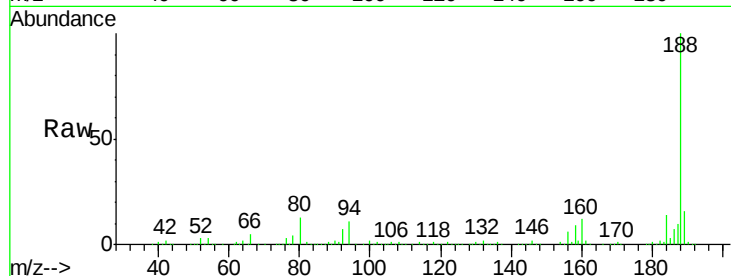




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087233.D
Acq: 20 May 2016 19:27

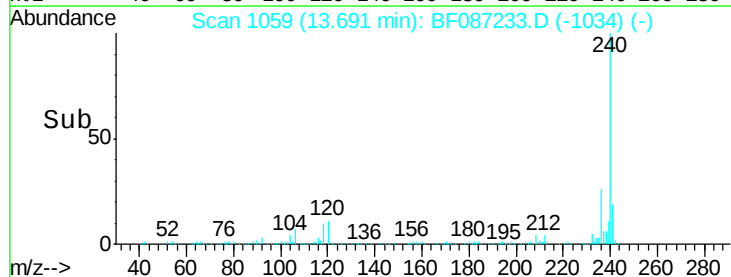
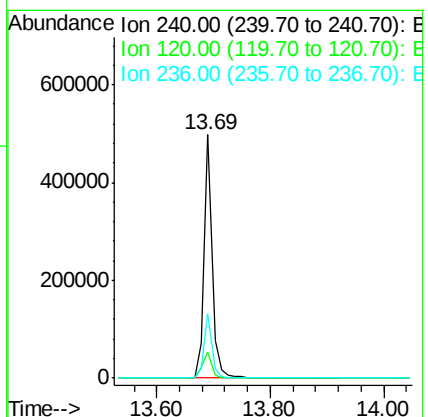
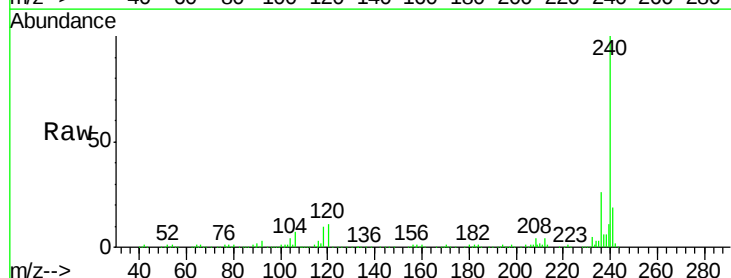
Instrument :
BNA_F
ClientSampleId :
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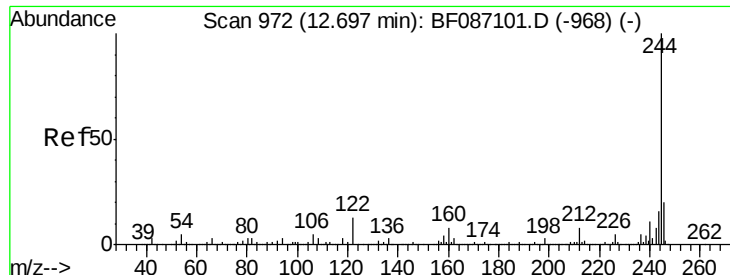
Tot Ion:188 Resp: 592580
Ion Ratio Lower Upper
188 100
94 11.3 6.8 10.2#
80 12.7 7.1 10.7#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF087233.D
Acq: 20 May 2016 19:27

Tgt Ion:240 Resp: 468469
Ion Ratio Lower Upper
240 100
120 10.9 11.2 16.8#
236 26.3 21.2 31.8





#78

Terphenyl-d14

Concen: 70.35 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087233.D

Acq: 20 May 2016 19:27

Instrument :

BNA_F

ClientSampleId :

PB90764BL

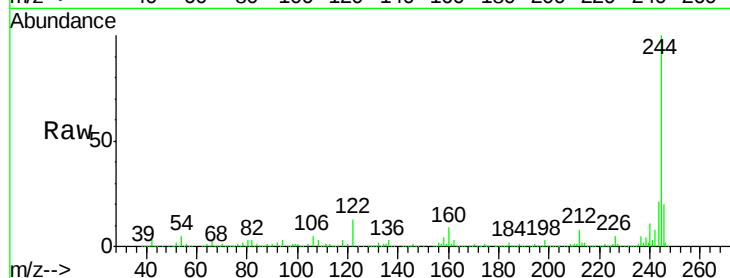
Tot Ion:244 Resp: 1456855

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

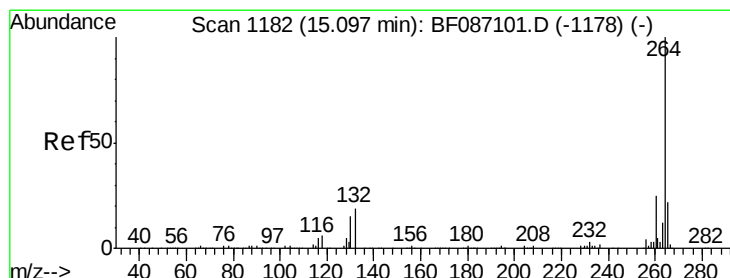
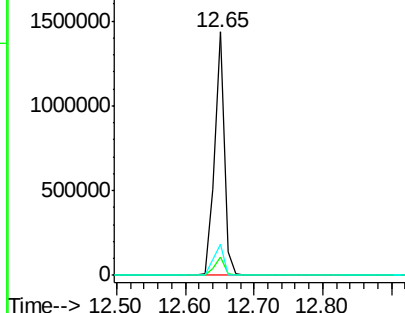
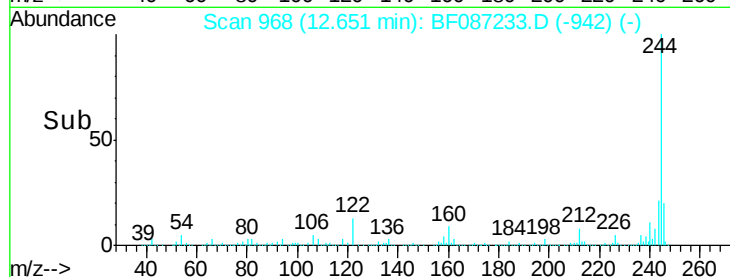
122 12.8 12.0 18.0



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: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087233.D

Acq: 20 May 2016 19:27

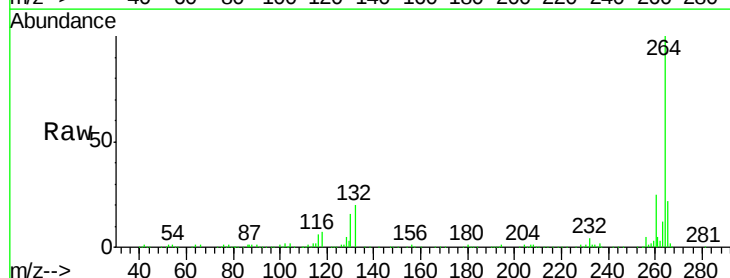
Tgt Ion:264 Resp: 330347

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

265 21.7 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

