

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087267.D
 Acq On : 21 May 2016 12:31
 Operator : UM/SJ
 Sample : H3144-17
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-AB-AC(0-2)

Quant Time: May 23 01:34:13 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 01:29:50 2016
 Response via : Initial Calibration

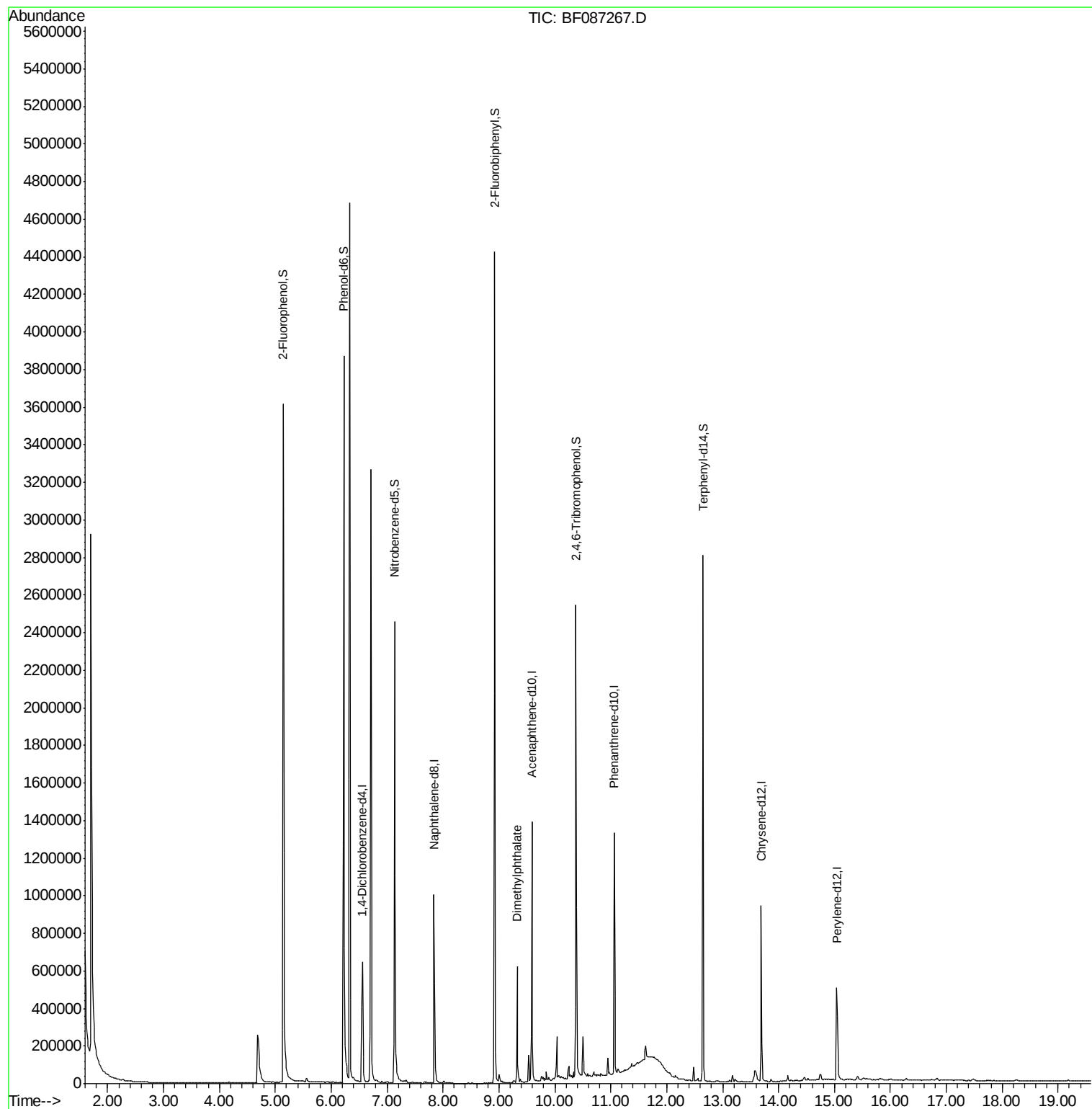
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	119418	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	535931	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	255382	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	462622	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	333359	20.00	ng	-0.01
86) Perylene-d12	15.04	264	244298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	994888	140.03	ng	0.01
7) Phenol-d6	6.23	99	1318706	138.39	ng	0.00
23) Nitrobenzene-d5	7.13	82	899350	83.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	303423	107.52	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1462564	94.85	ng	0.00
78) Terphenyl-d14	12.65	244	1056508	71.69	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.32	163	213071	10.94	ng	Qvalue 100

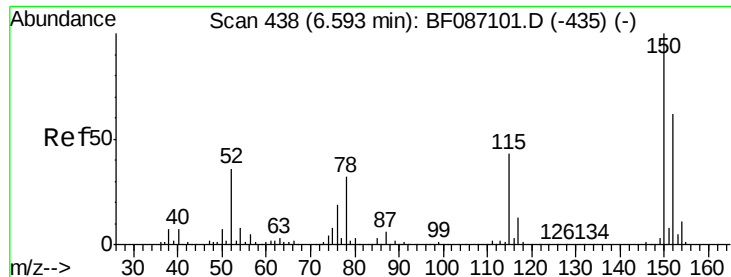
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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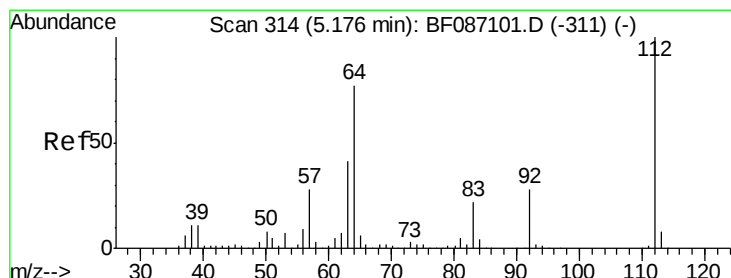
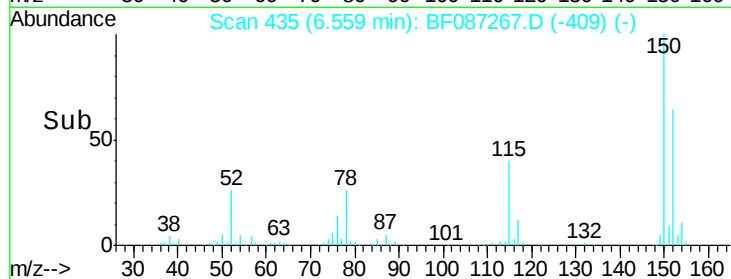
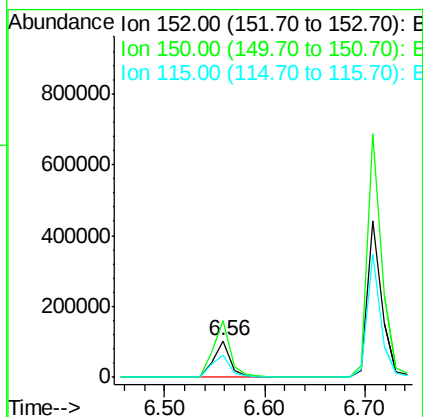
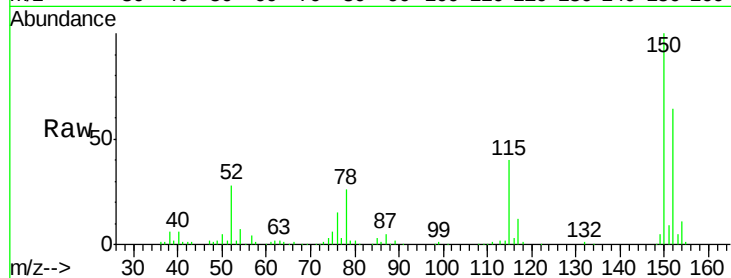


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087267.D
Acq: 21 May 2016 12:31

Instrument :
BNA_F
ClientSampleId :
12-AB-AC(0-2)

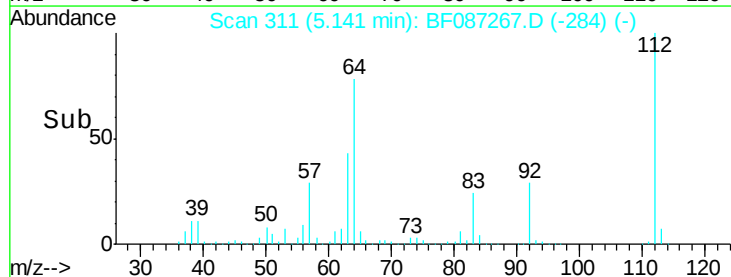
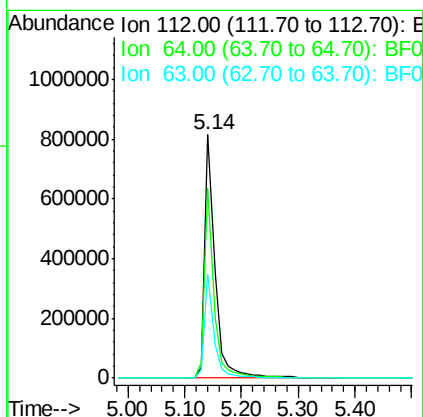
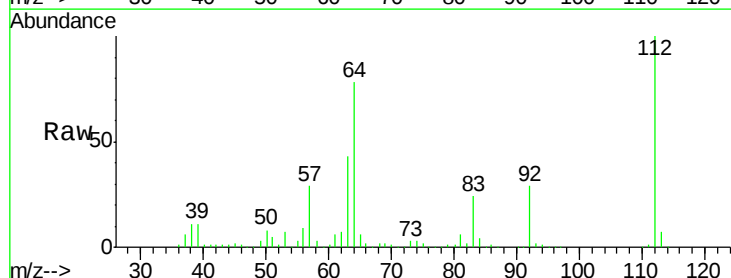
Tot Ion:152 Resp: 119418
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 61.7 51.5 77.3



#5

2-Fluorophenol
Concen: 140.03 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF087267.D
Acq: 21 May 2016 12:31

Tgt Ion:112 Resp: 994888
Ion Ratio Lower Upper
112 100
64 78.0 52.1 78.1
63 42.9 25.7 38.5#





#7

Phenol-d6

Concen: 138.39 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF087267.D

Acq: 21 May 2016 12:31

Instrument :

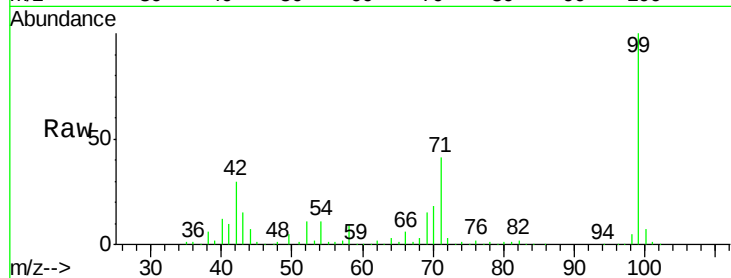
BNA_F

ClientSampleId :

12-AB-AC(0-2)

Tot Ion: 99 Resp: 1318706

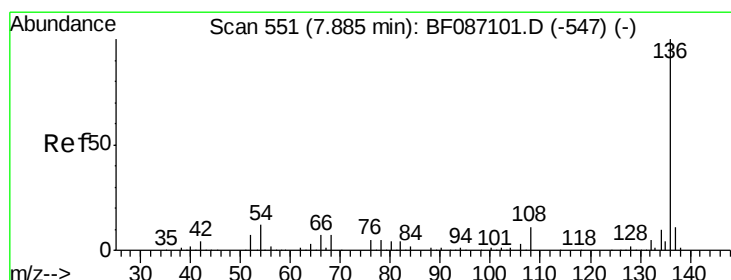
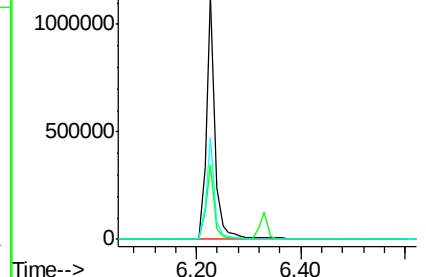
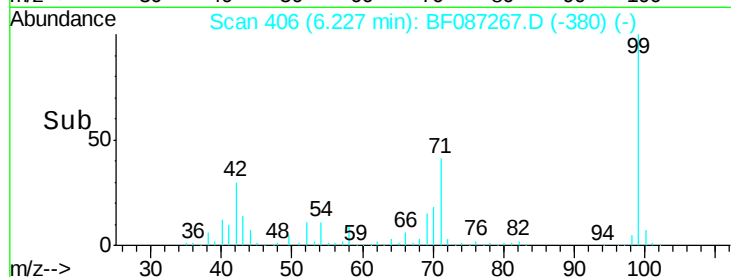
Ion	Ratio	Lower	Upper
99	100		
42	30.5	13.6	20.4#
71	41.5	24.6	36.8#



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

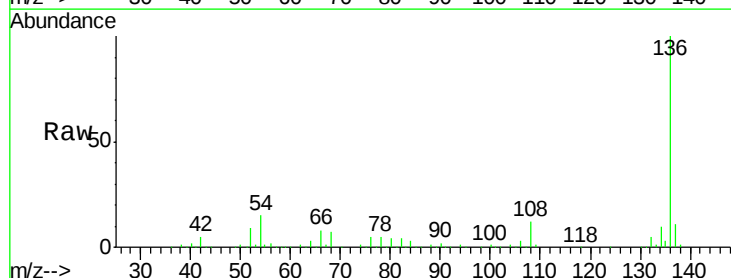
Delta R.T. -0.01 min

Lab File: BF087267.D

Acq: 21 May 2016 12:31

Tgt Ion: 136 Resp: 535931

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	14.6	5.0	7.4#
68	7.3	4.4	6.6#

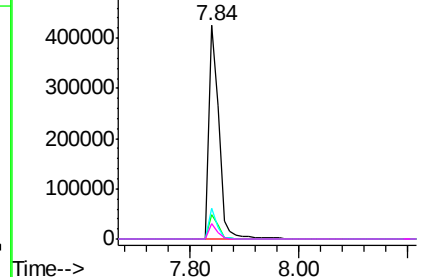
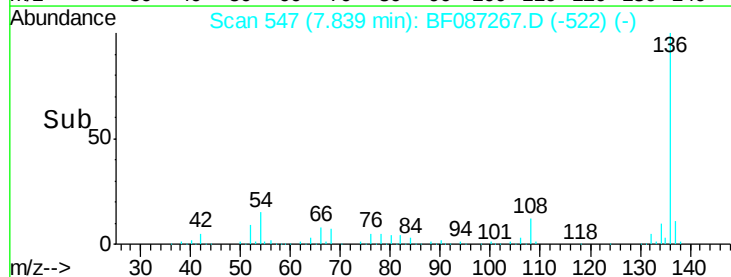


Abundance Ion 136.00 (135.70 to 136.70): E

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

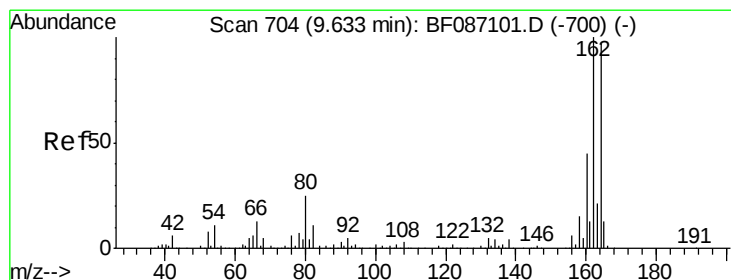
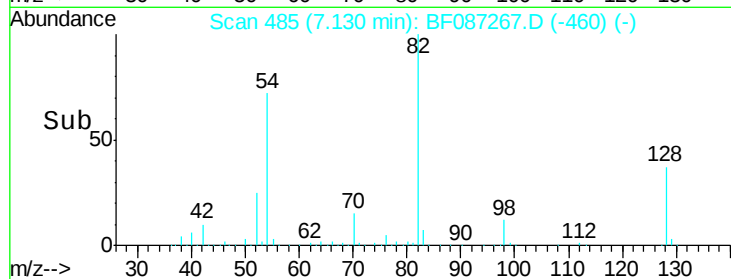
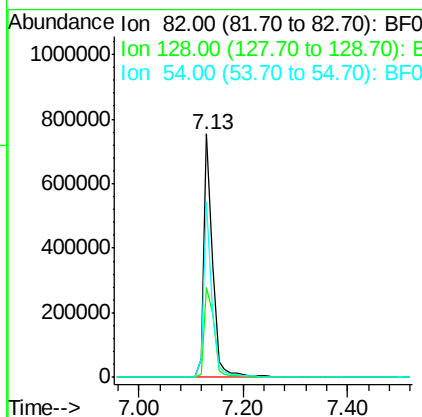
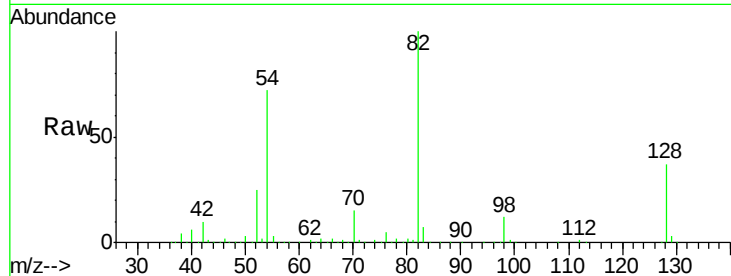




#23
 Nitrobenzene-d5
 Concen: 83.63 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087267.D
 Acq: 21 May 2016 12:31

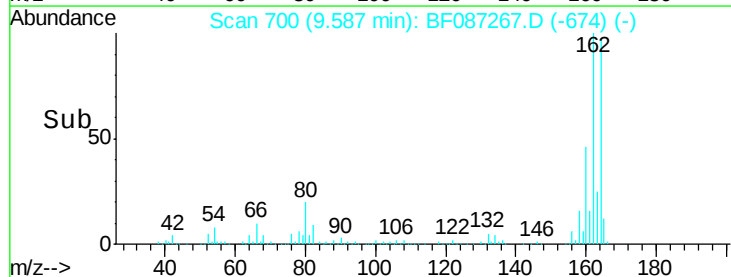
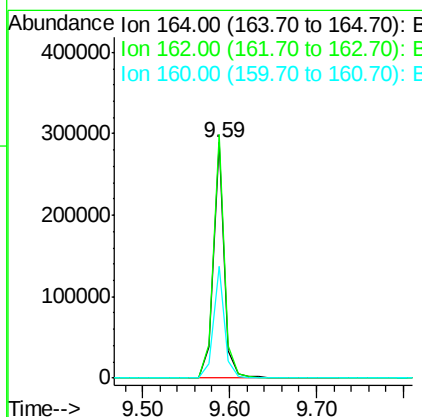
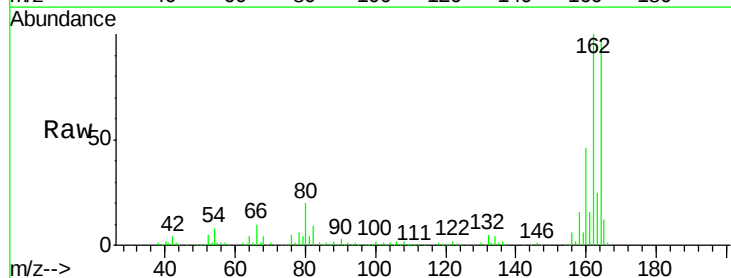
Instrument :
 BNA_F
 ClientSampleId :
 12-AB-AC(0-2)

Tot Ion: 82 Resp: 899350
 Ion Ratio Lower Upper
 82 100
 128 36.8 40.6 61.0#
 54 72.3 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: BF087267.D
 Acq: 21 May 2016 12:31

Tgt Ion: 164 Resp: 255382
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.8 124.2
 160 47.4 36.9 55.3

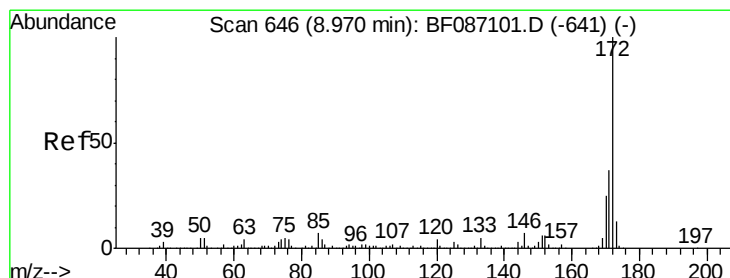
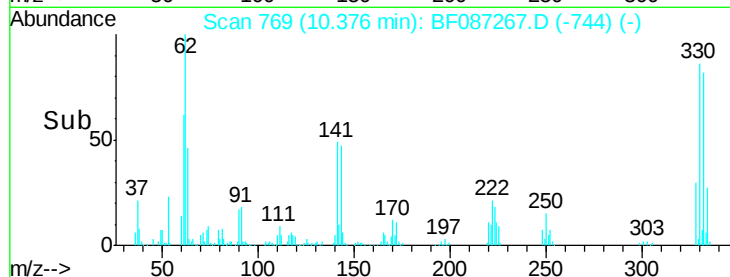
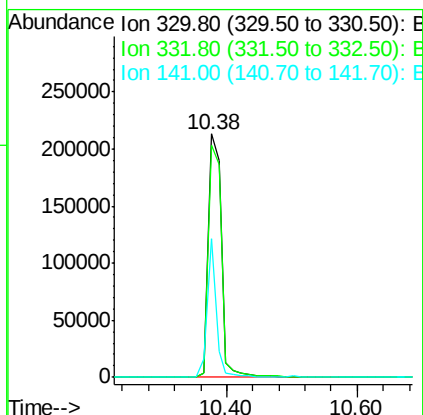
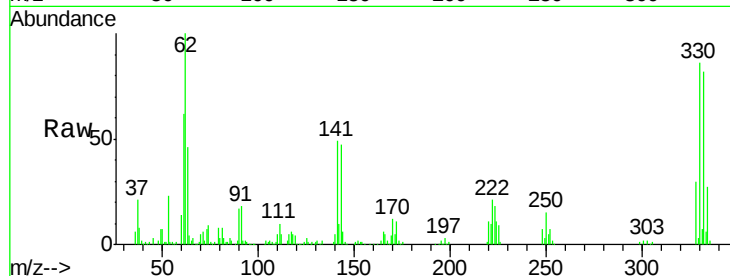




#41
 2,4,6-Tribromophenol
 Concen: 107.52 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087267.D
 Acq: 21 May 2016 12:31

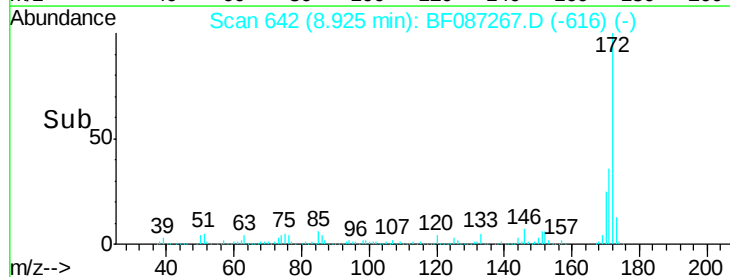
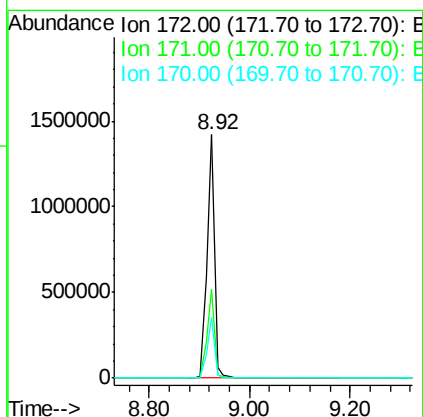
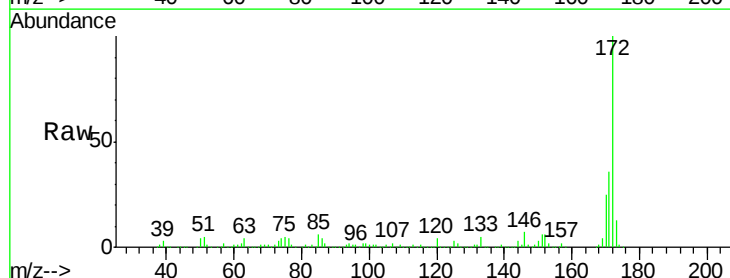
Instrument :
 BNA_F
 ClientSampleId :
 12-AB-AC(0-2)

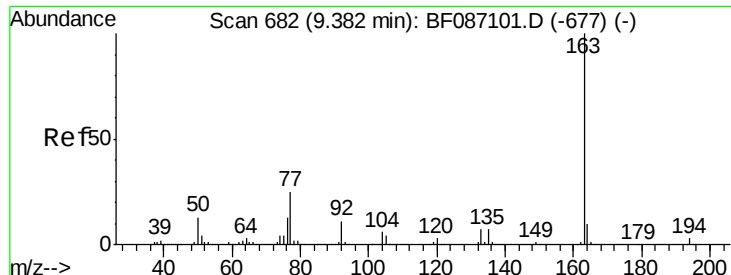
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	79.0	118.4
141	38.8	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 94.85 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087267.D
 Acq: 21 May 2016 12:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.8	19.8	29.8

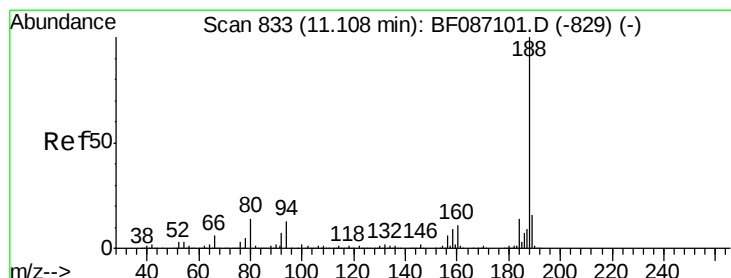
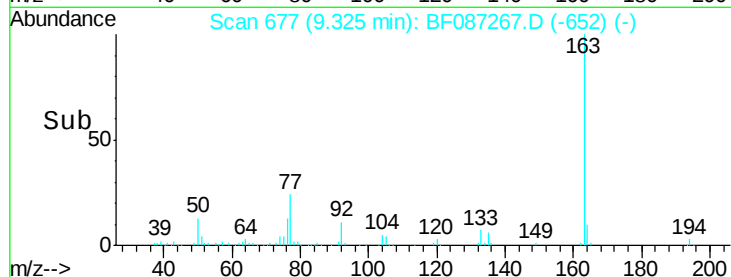
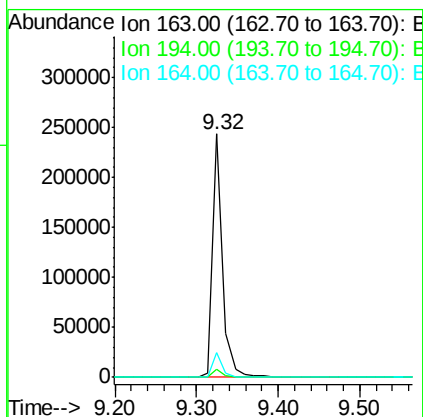
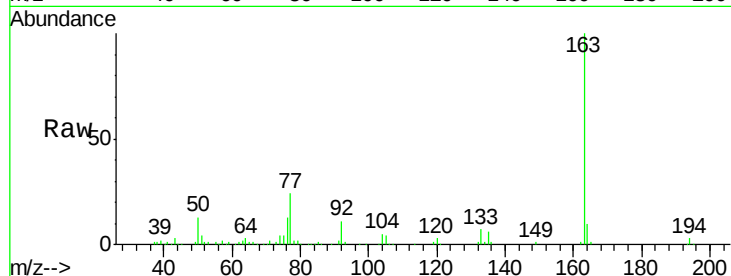




#49
Dimethylphthalate
Concen: 10.94 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF087267.D
Acq: 21 May 2016 12:31

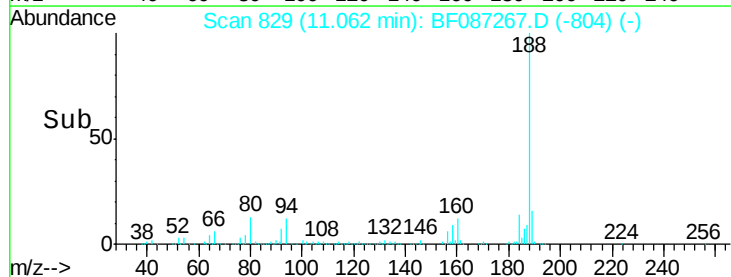
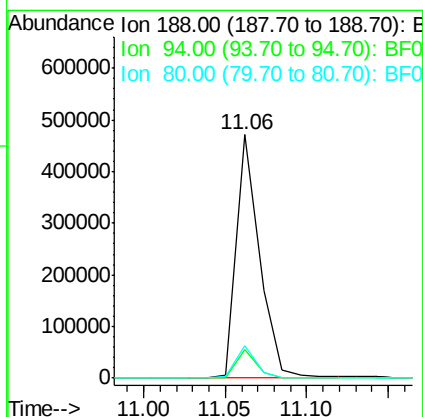
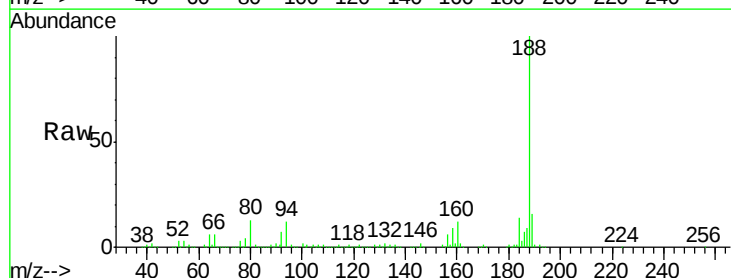
Instrument :
BNA_F
ClientSampleId :
12-AB-AC(0-2)

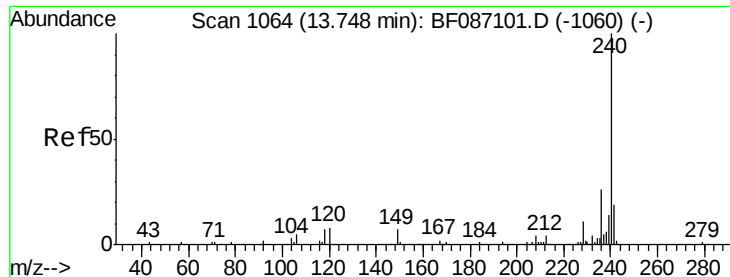
Tot Ion:163 Resp: 213071
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.4 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087267.D
Acq: 21 May 2016 12:31

Tgt Ion:188 Resp: 462622
Ion Ratio Lower Upper
188 100
94 11.7 6.8 10.2#
80 13.2 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: BF087267.D

Acq: 21 May 2016 12:31

Instrument :

BNA_F

ClientSampleId :

12-AB-AC(0-2)

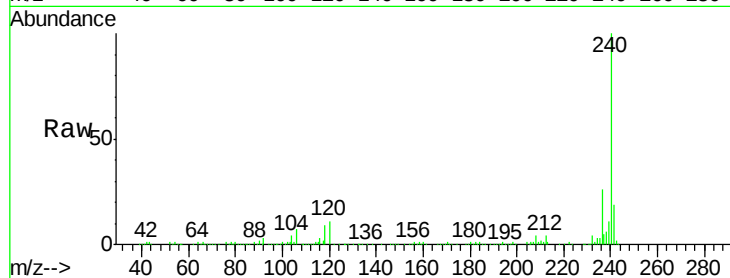
Tot Ion:240 Resp: 333359

Ion Ratio Lower Upper

240 100

120 10.7 11.2 16.8#

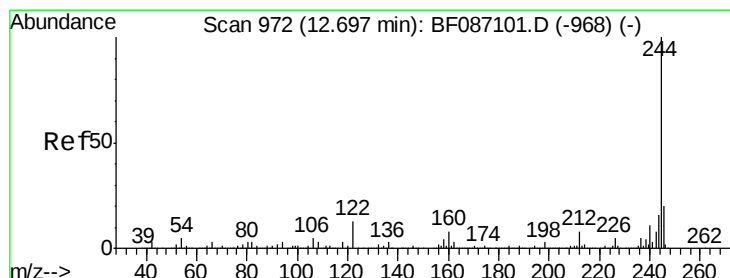
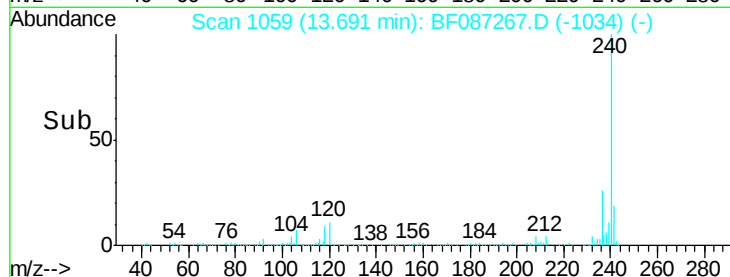
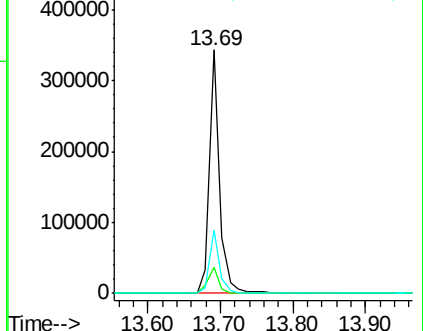
236 25.7 21.2 31.8



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: 71.69 ng

RT: 12.65 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF087267.D

Acq: 21 May 2016 12:31

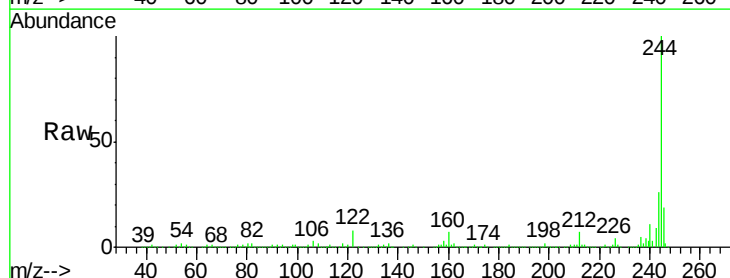
Tgt Ion:244 Resp: 1056508

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

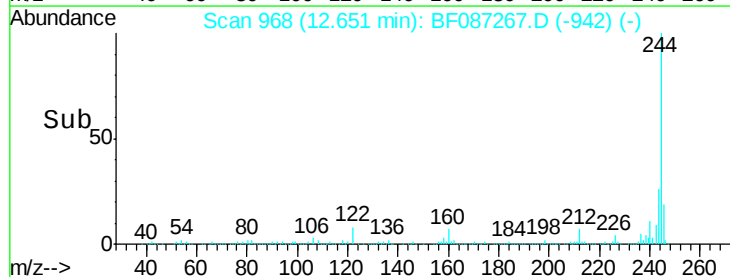
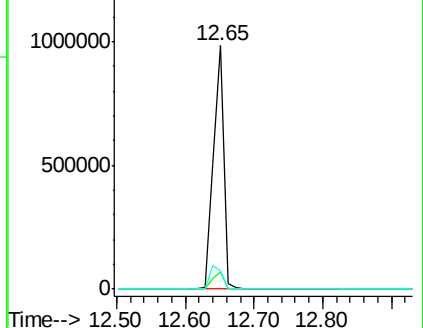
122 7.7 12.0 18.0#

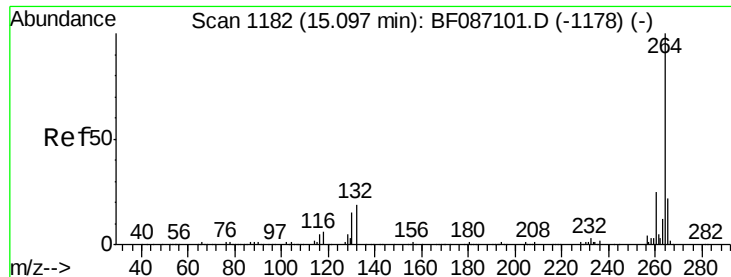


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

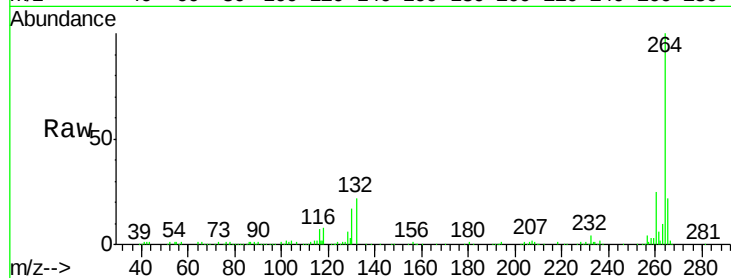




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087267.D
Acq: 21 May 2016 12:31

Instrument :
BNA_F
ClientSampleId :
12-AB-AC(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	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

