

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
 Data File : BF087269.D
 Acq On : 21 May 2016 13:29
 Operator : UM/SJ
 Sample : H3169-14
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: May 23 01:41:04 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

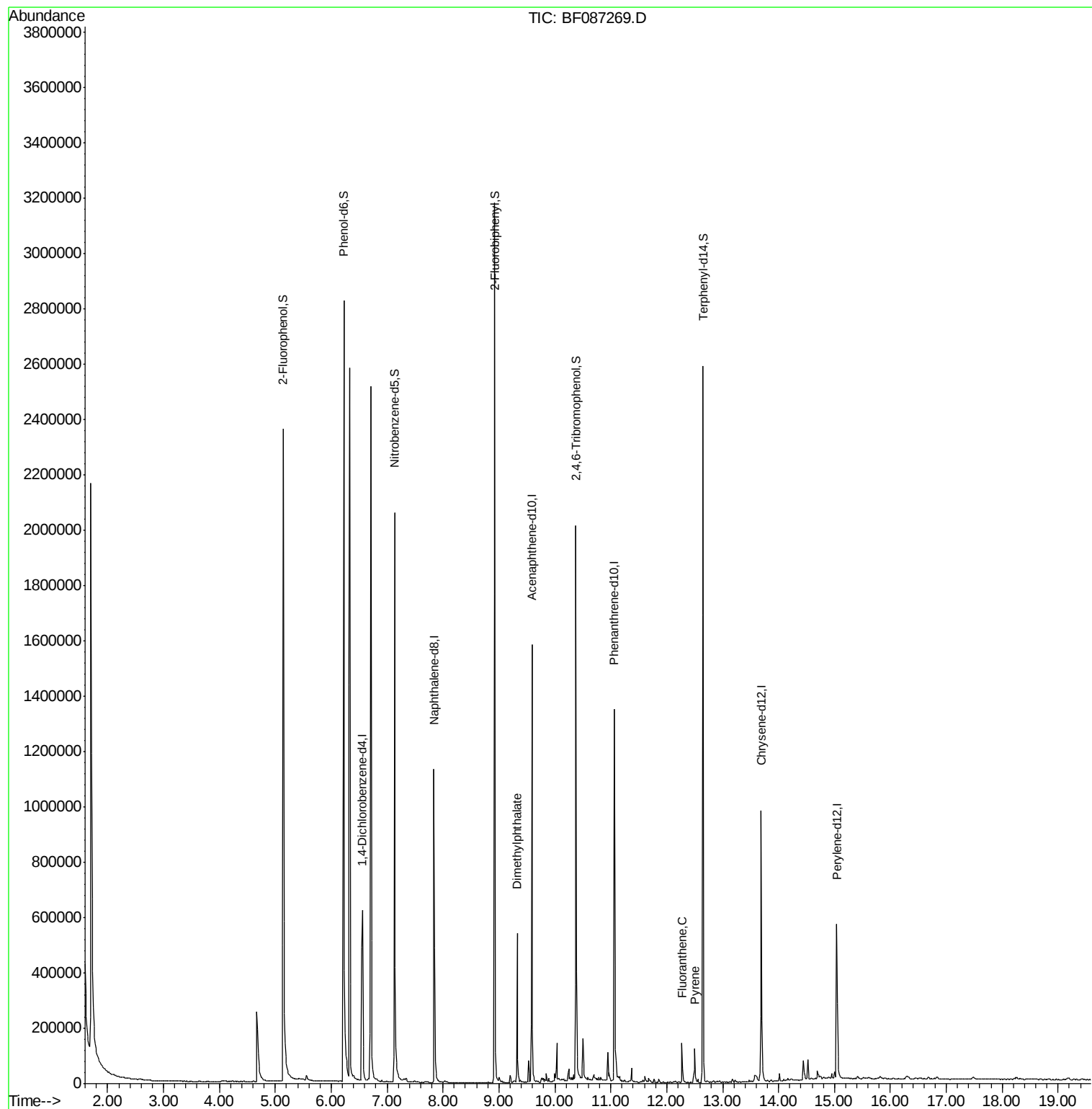
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	125936	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	558682	20.00	ng	-0.01
38) Acenaphthene-d10	9.59	164	283116	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	492111	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	331835	20.00	ng	-0.01
86) Perylene-d12	15.04	264	246962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	700634	93.51	ng	0.01
7) Phenol-d6	6.23	99	1035727	103.07	ng	0.00
23) Nitrobenzene-d5	7.13	82	627031	55.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	201762	64.49	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1154374	67.53	ng	0.00
78) Terphenyl-d14	12.65	244	971043	66.20	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.32	163	195781	9.07	ng	100
74) Fluoranthene	12.27	202	65551	2.45	ng	96
77) Pyrene	12.50	202	53155	2.22	ng	99

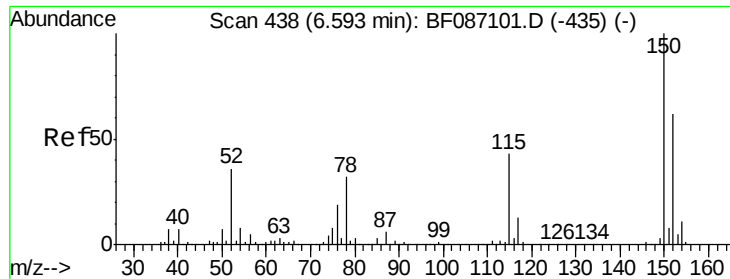
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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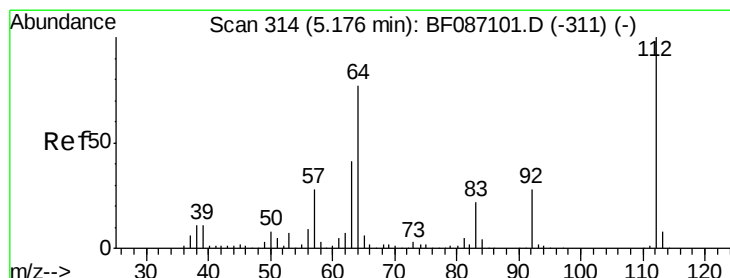
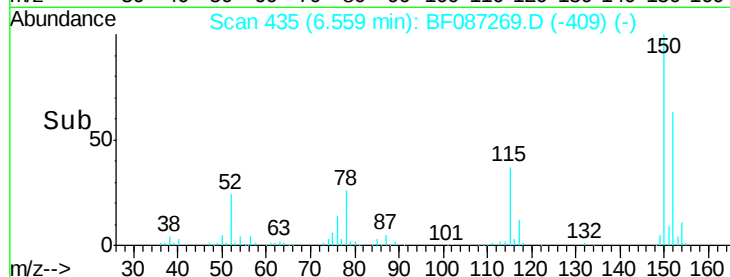
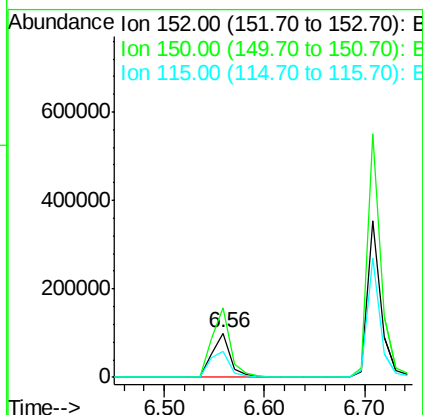
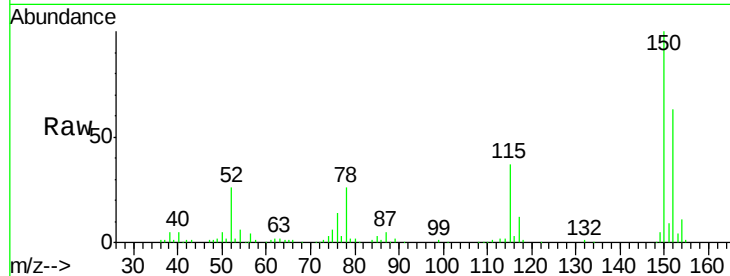


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF087269.D
Acq: 21 May 2016 13:29

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

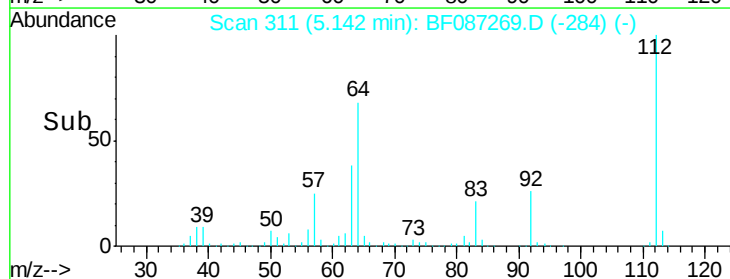
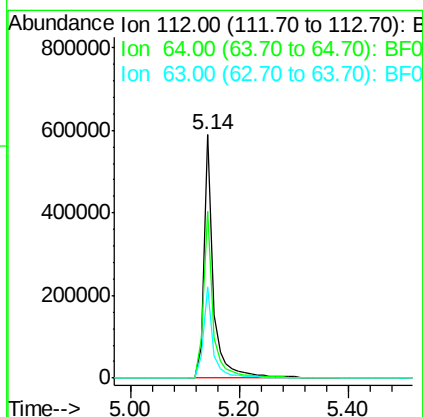
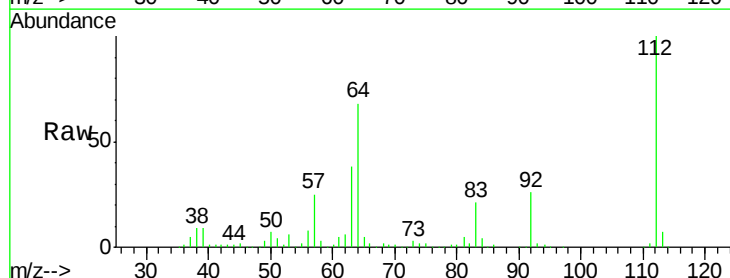
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.8	188.6
115	58.3	51.5	77.3



#5

2-Fluorophenol
Concen: 93.51 ng
RT: 5.14 min Scan# 311
Delta R.T. 0.01 min
Lab File: BF087269.D
Acq: 21 May 2016 13:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	52.1	78.1
63	37.7	25.7	38.5





#7

Phenol-d6

Concen: 103.07 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF087269.D

Acq: 21 May 2016 13:29

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

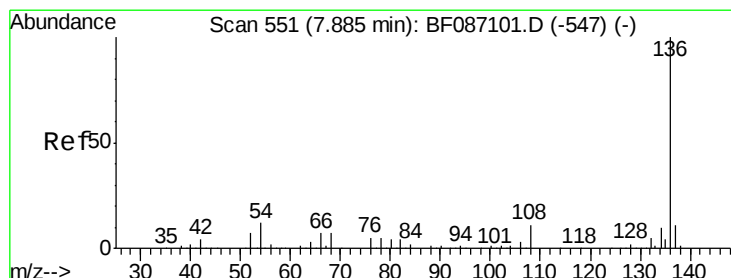
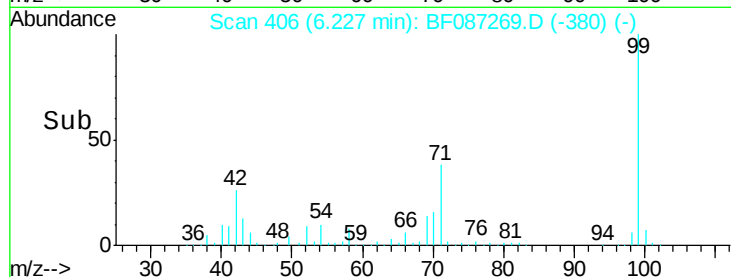
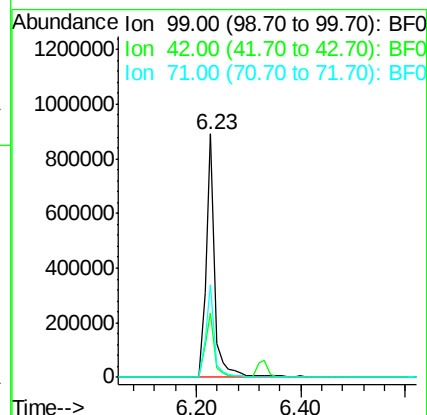
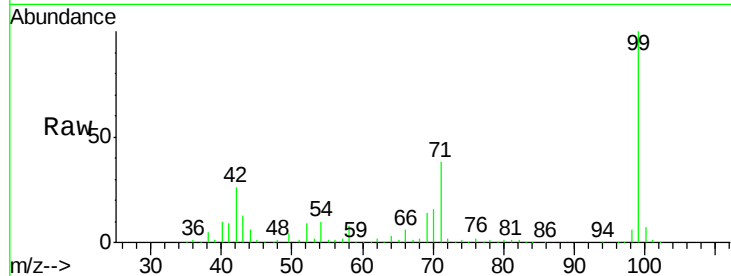
Tot Ion: 99 Resp: 1035727

Ion Ratio Lower Upper

99 100

42 26.2 13.6 20.4#

71 38.1 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: BF087269.D

Acq: 21 May 2016 13:29

Tgt Ion: 136 Resp: 558682

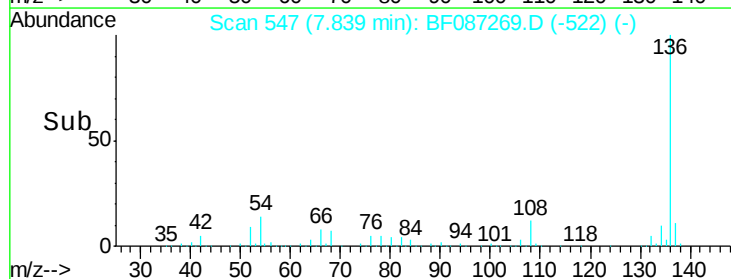
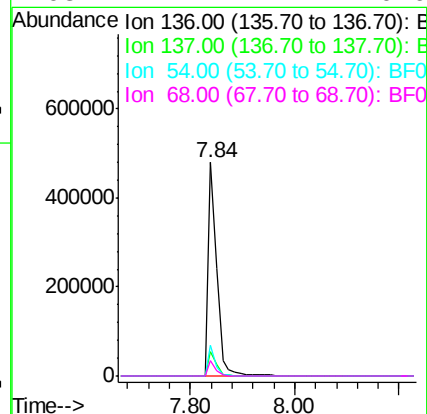
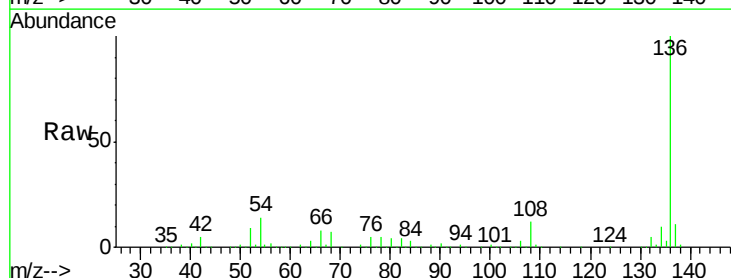
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 14.4 5.0 7.4#

68 7.1 4.4 6.6#

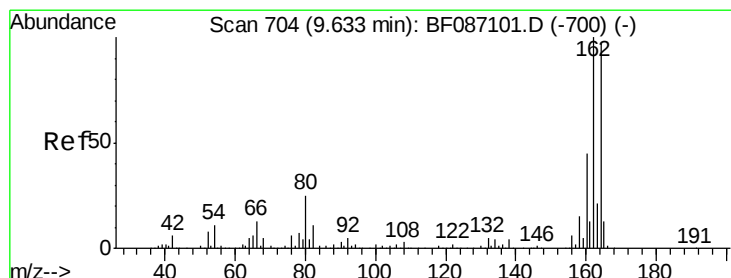
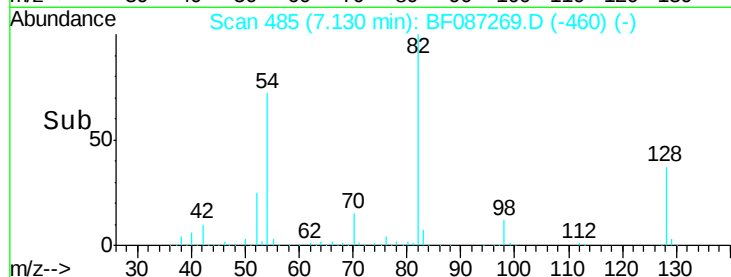
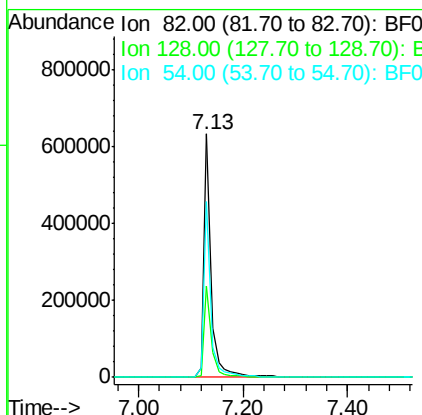
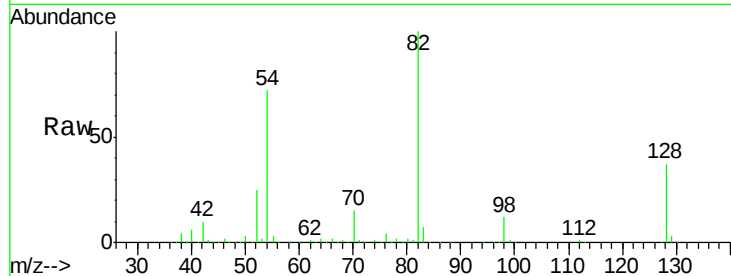




#23
 Nitrobenzene-d5
 Concen: 55.94 ng
 RT: 7.13 min Scan# 485
 Delta R.T. -0.01 min
 Lab File: BF087269.D
 Acq: 21 May 2016 13:29

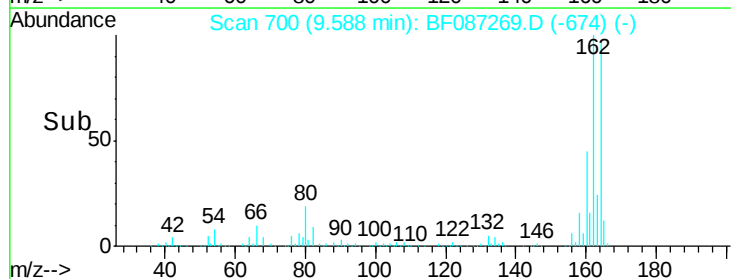
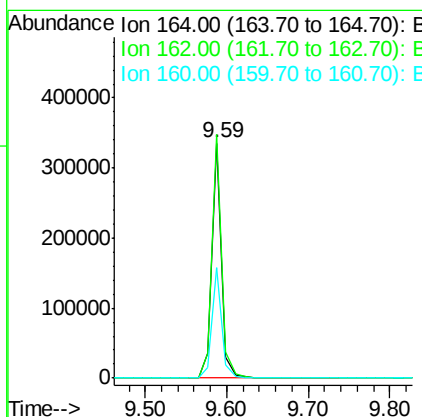
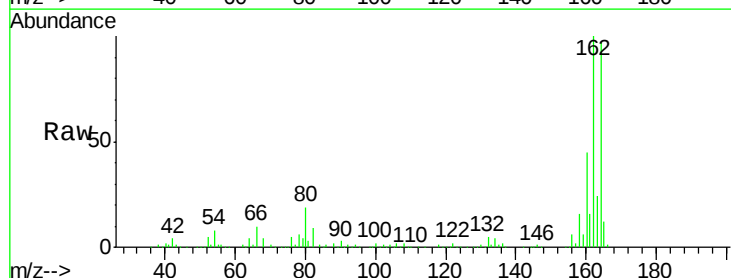
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion: 82 Resp: 627031
 Ion Ratio Lower Upper
 82 100
 128 37.4 40.6 61.0#
 54 72.1 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: BF087269.D
 Acq: 21 May 2016 13:29

Tgt Ion: 164 Resp: 283116
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.8 124.2
 160 46.9 36.9 55.3

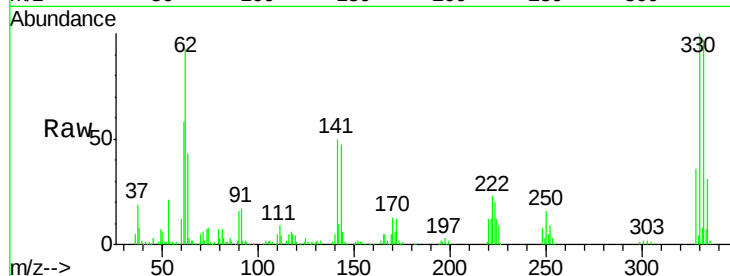




#41
 2,4,6-Tribromophenol
 Concen: 64.49 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF087269.D
 Acq: 21 May 2016 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.4
141	45.0	31.2	46.8

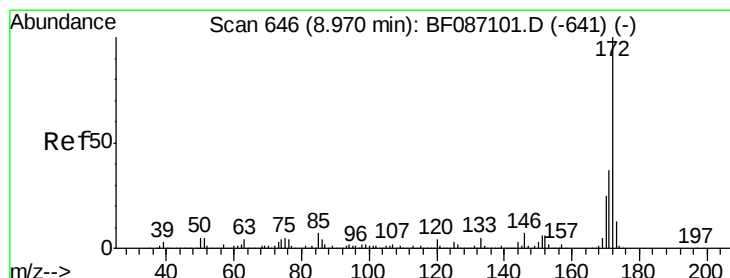
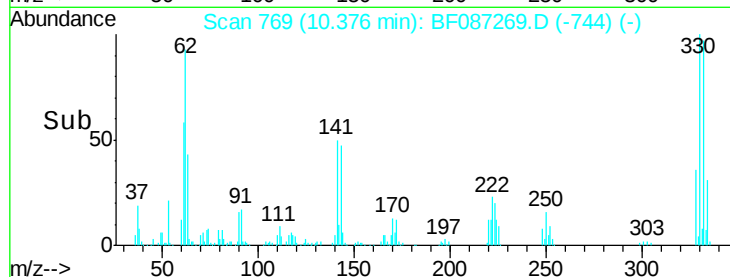
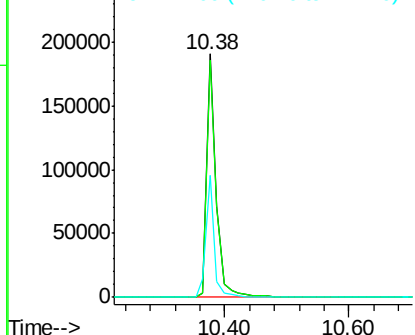


Abundance

Ion 329.80 (329.50 to 330.50): E

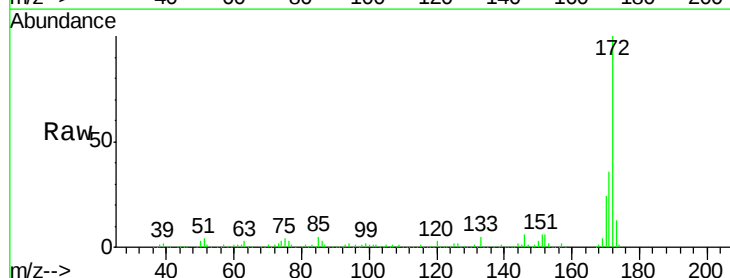
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 67.53 ng
 RT: 8.92 min Scan# 642
 Delta R.T. 0.00 min
 Lab File: BF087269.D
 Acq: 21 May 2016 13:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.4	19.8	29.8

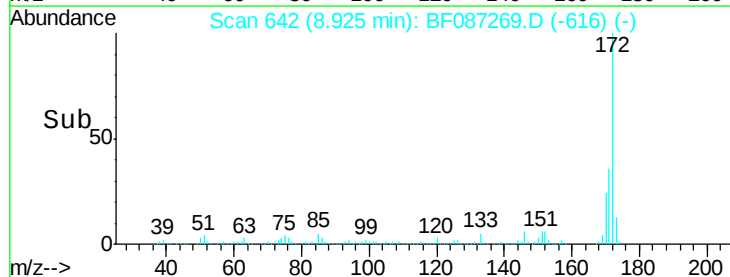
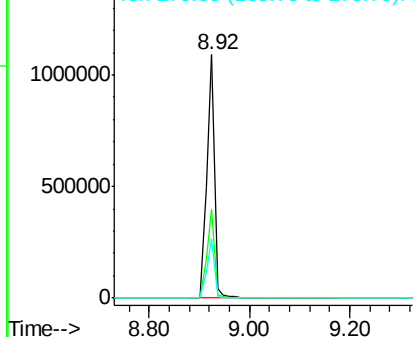


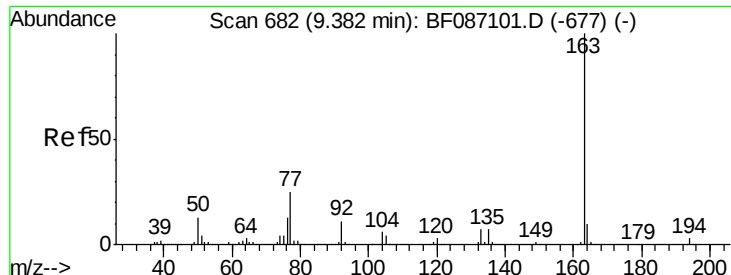
Abundance

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

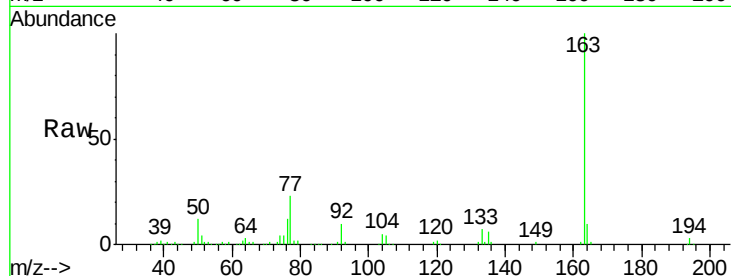




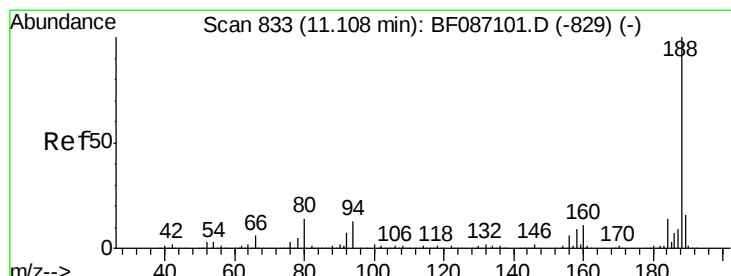
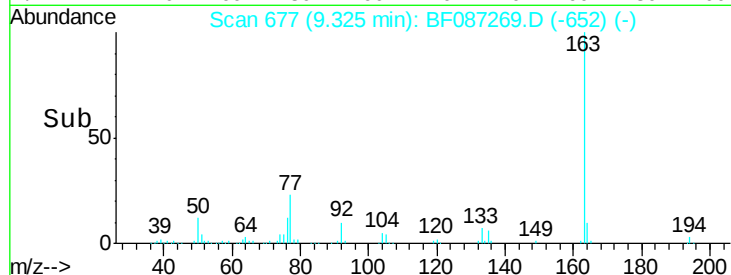
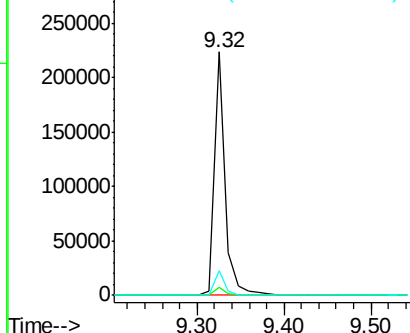
#49
Dimethylphthalate
Concen: 9.07 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF087269.D
Acq: 21 May 2016 13:29

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion:163 Resp: 195781
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.2 12.4

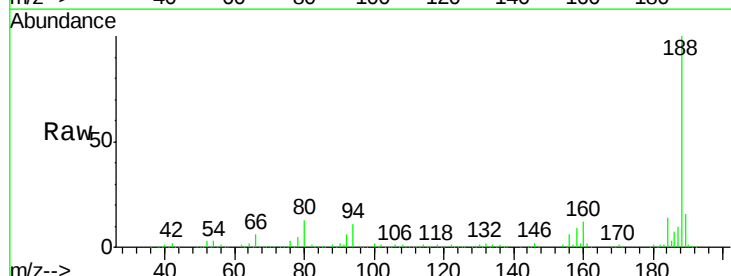


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

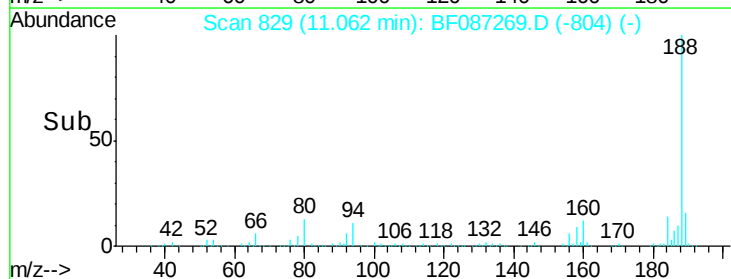
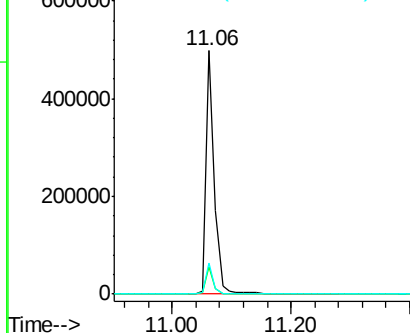


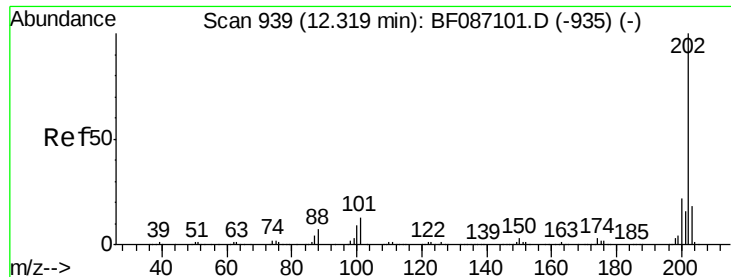
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087269.D
Acq: 21 May 2016 13:29

Tgt Ion:188 Resp: 492111
Ion Ratio Lower Upper
188 100
94 11.3 6.8 10.2#
80 12.6 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

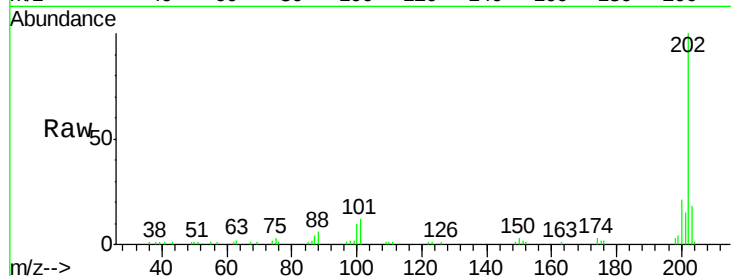




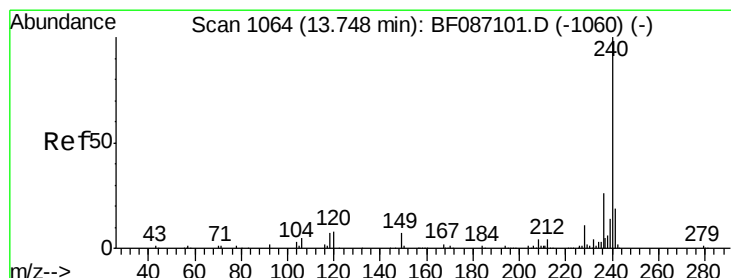
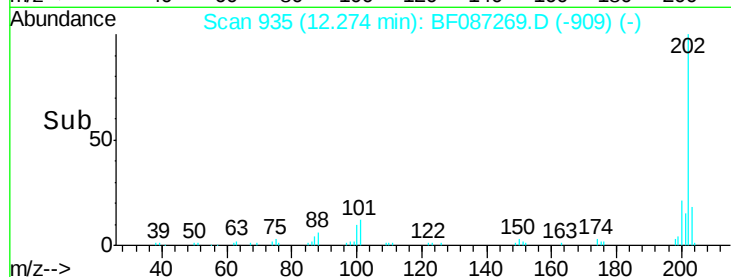
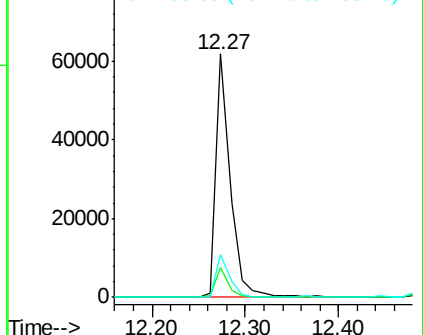
#74
 Fluoranthene
 Concen: 2.45 ng
 RT: 12.27 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF087269.D
 Acq: 21 May 2016 13:29

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	35.4
203	17.5	0.0	38.1

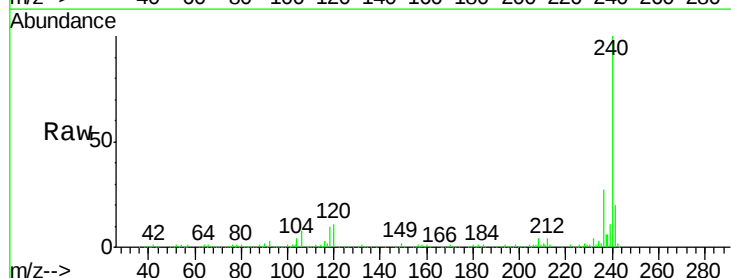


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

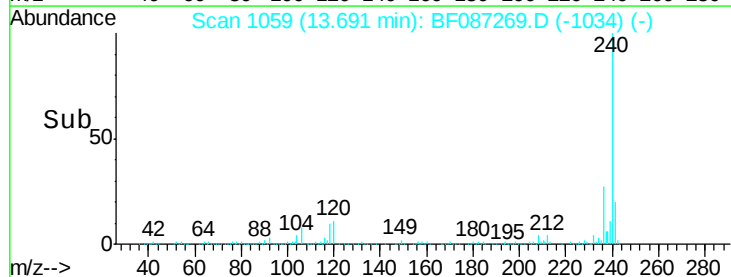
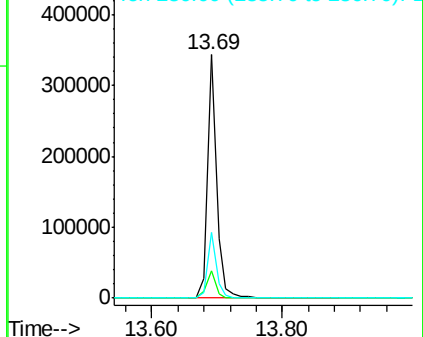


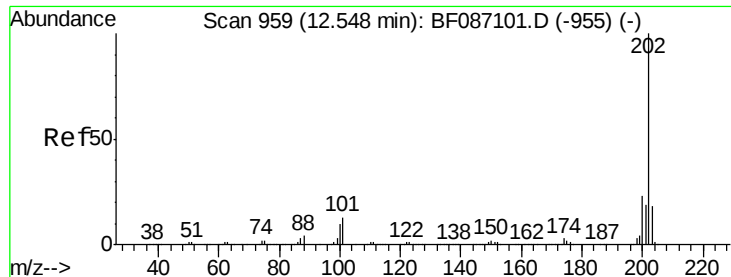
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. -0.01 min
 Lab File: BF087269.D
 Acq: 21 May 2016 13:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	11.2	16.8
236	26.8	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

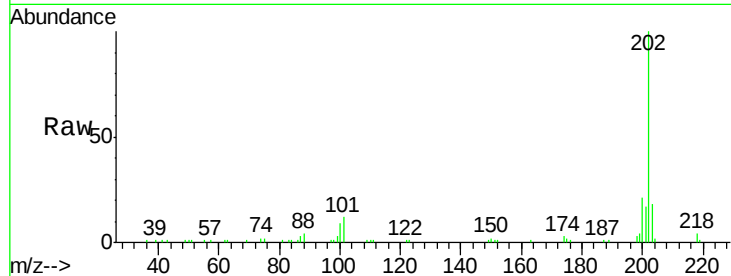




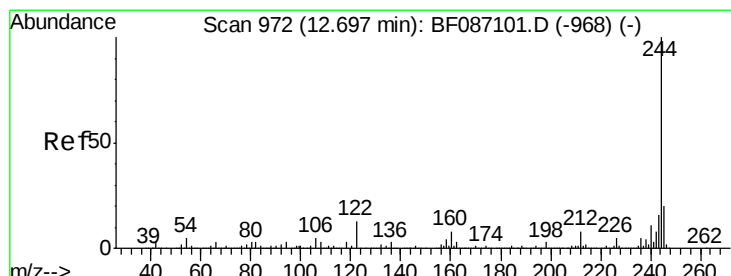
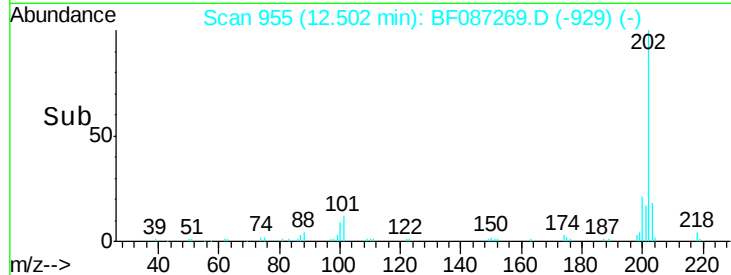
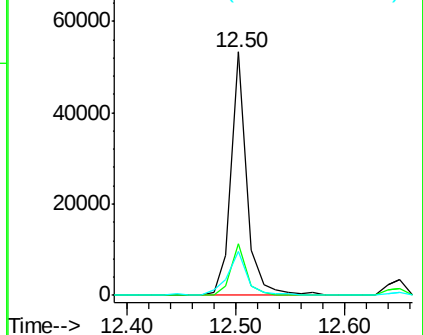
#77
Pvrene
Concen: 2.22 ng
RT: 12.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF087269.D
Acq: 21 May 2016 13:29

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	18.0	14.2	21.4

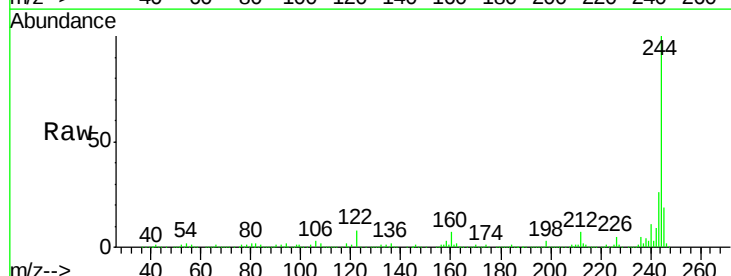


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

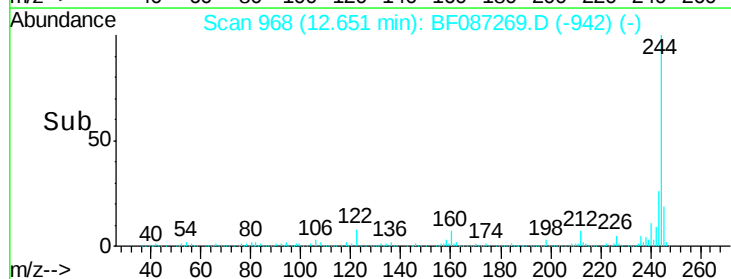
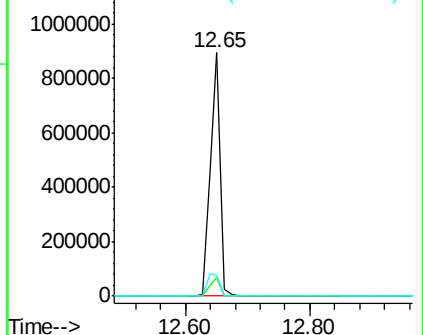


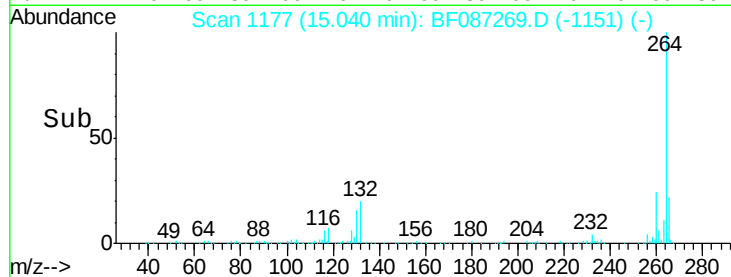
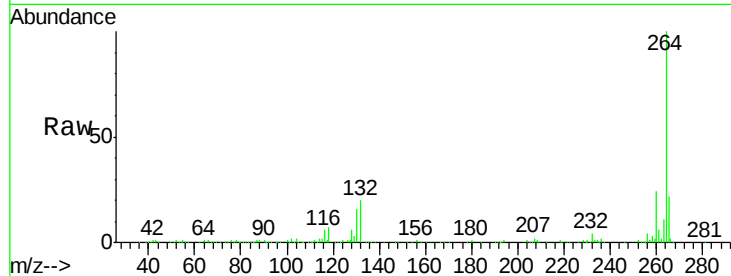
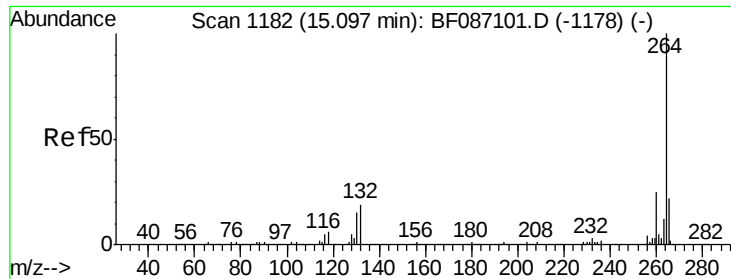
#78
Terphenyl-d14
Concen: 66.20 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF087269.D
Acq: 21 May 2016 13:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	8.4	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

Pervlene-d12

Concen: 20.00 ng

RT: 15.04 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF087269.D

Acq: 21 May 2016 13:29

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

Tot Ion:264 Resp: 246962

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 21.7 17.3 25.9

