

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102085.D
 Acq On : 16 Jan 2018 1:20
 Operator : SJ/JU
 Sample : J1127-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCTOP2-01112018

Quant Time: Jan 16 03:51:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

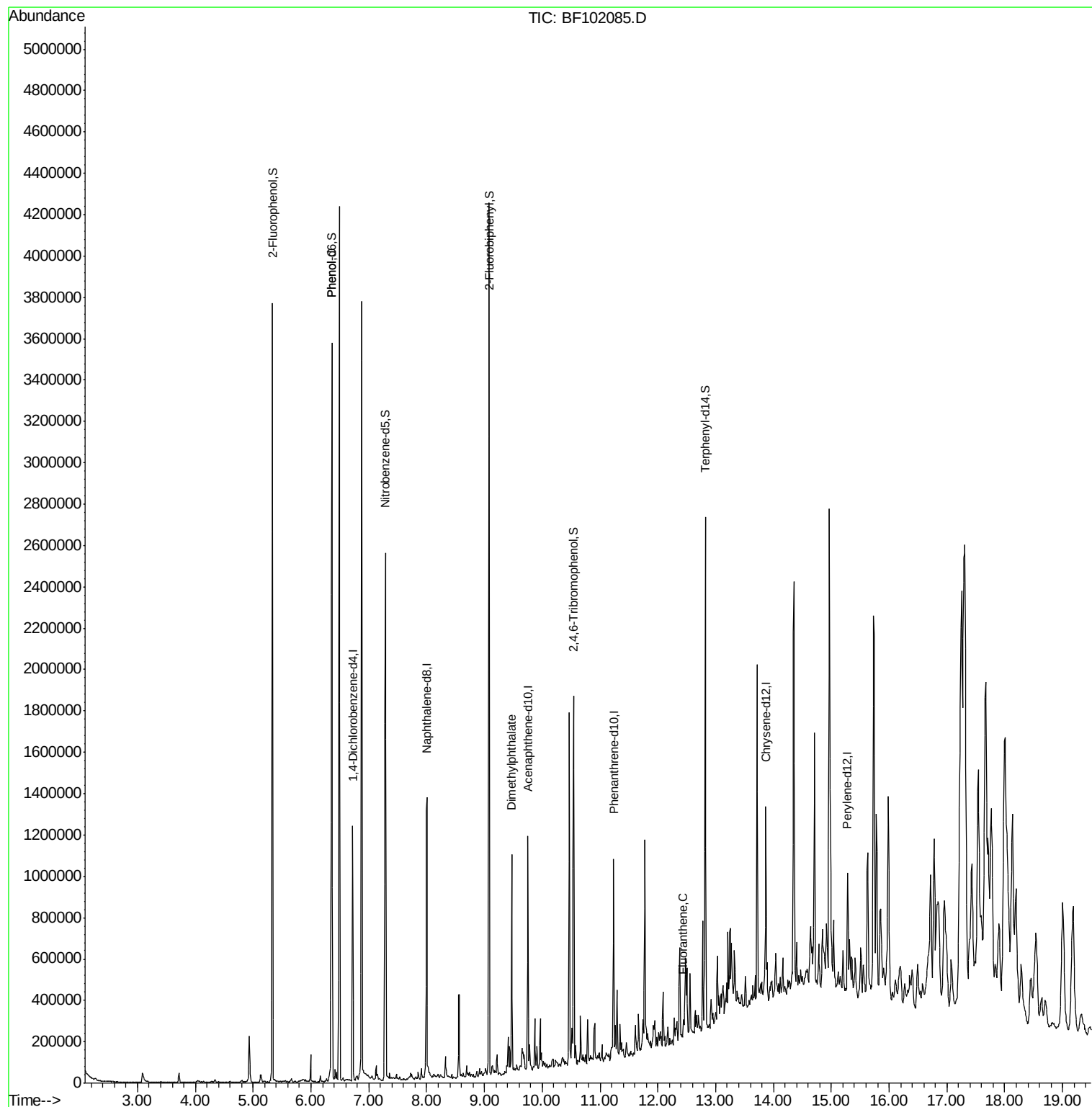
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	170245	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	622716	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	220758	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	297588	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	297864	20.00	ng	-0.01
86) Perylene-d12	15.28	264	260025	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1208394	100.23	ng	0.00
7) Phenol-d6	6.36	99	1378818	95.85	ng	0.00
23) Nitrobenzene-d5	7.29	82	876309	82.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	198939	103.26	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1273519	90.13	ng	-0.01
78) Terphenyl-d14	12.82	244	795193	55.43	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	65860	4.051	ng	84
49) Dimethylphthalate	9.47	163	359869	20.321	ng	100
74) Fluoranthene	12.44	202	37044	2.166	ng	96

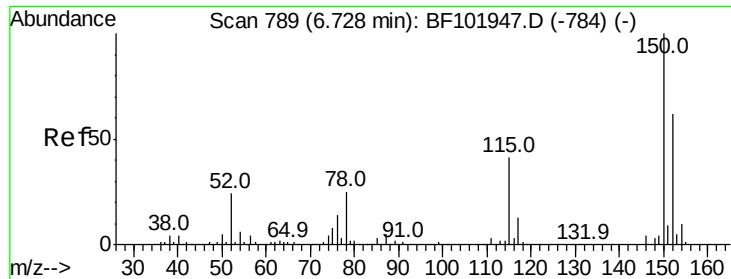
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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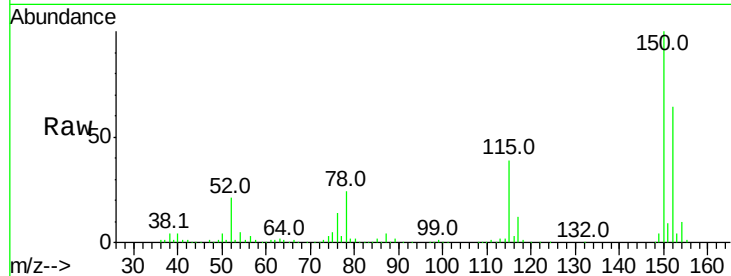


#1

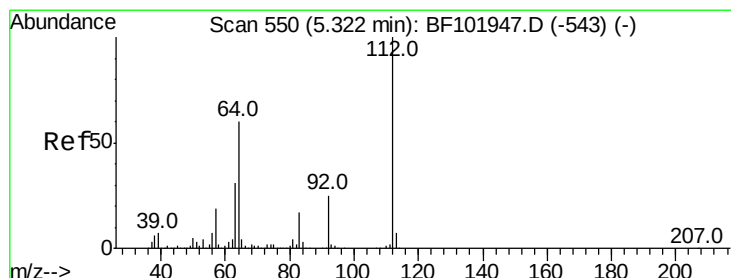
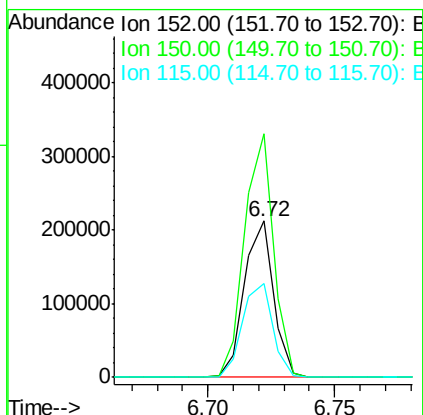
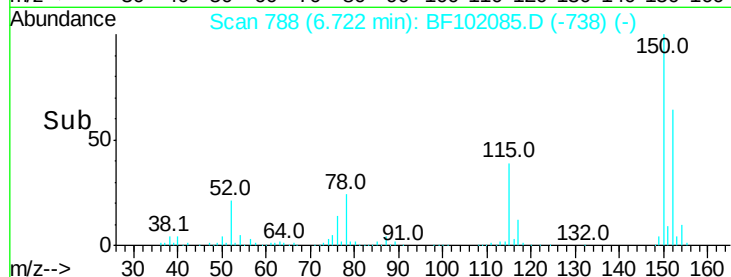
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Instrument :
BNA_F
ClientSampleId :
OCTOP2-01112018

Tot Ion:152 Resp: 170245
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 60.3 50.1 75.1



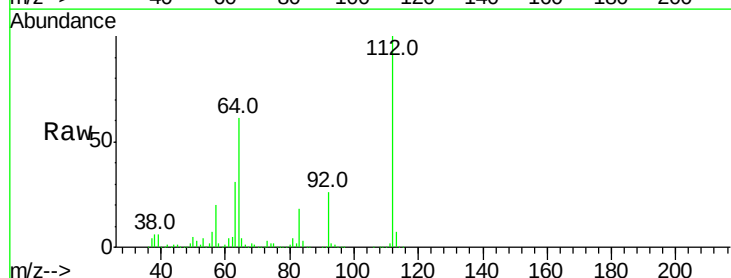
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



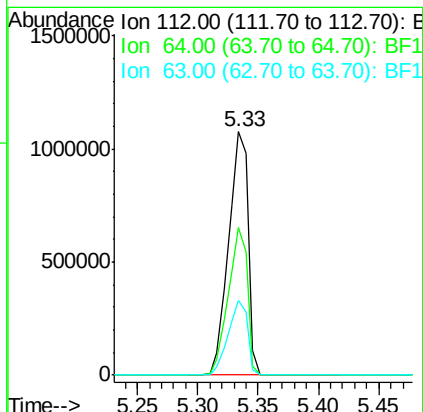
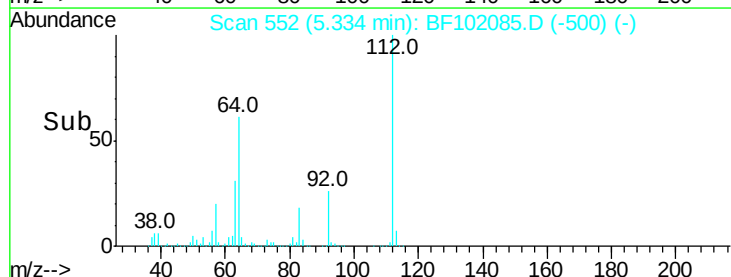
#5

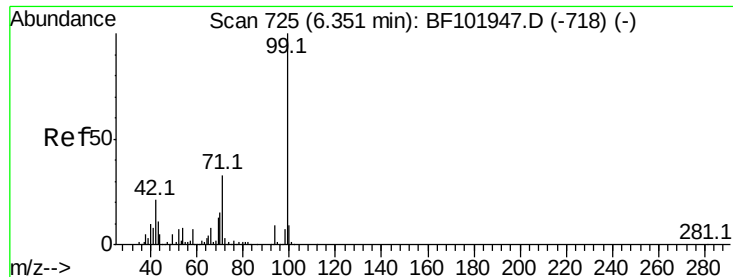
2-Fluorophenol
Concen: 100.229 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Tgt Ion:112 Resp: 1208394
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 30.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.855 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

Instrument :

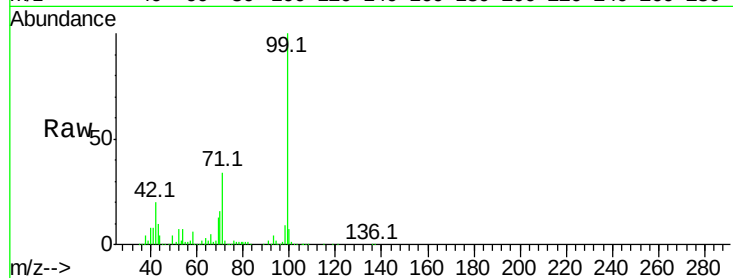
BNA_F

ClientSampleId :

OCTOP2-01112018

Tot Ion: 99 Resp: 1378818

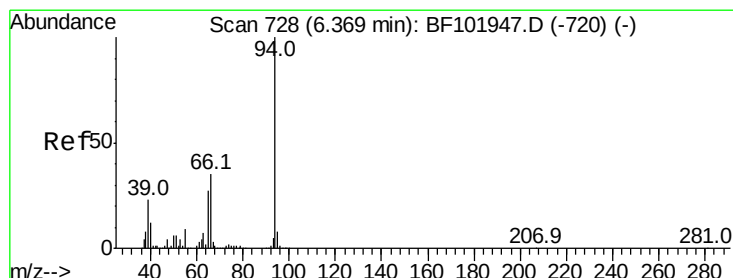
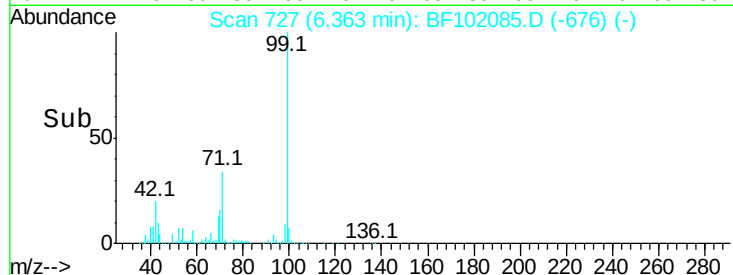
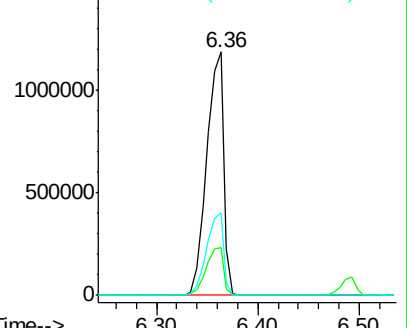
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	34.0	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.051 ng

RT: 6.37 min Scan# 728

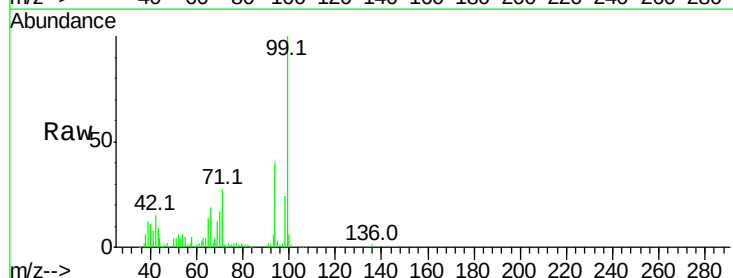
Delta R.T. -0.01 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

Tgt Ion: 94 Resp: 65860

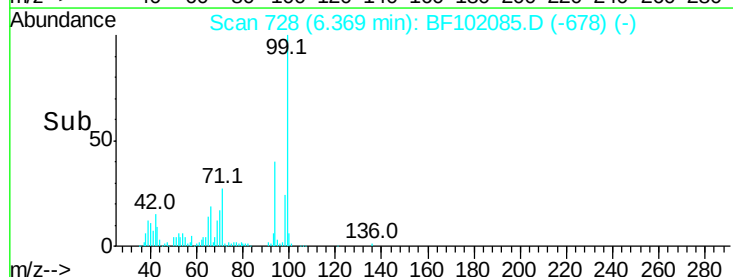
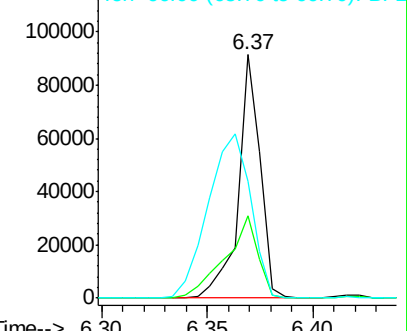
Ion	Ratio	Lower	Upper
94	100		
65	33.8	7.9	47.9
66	48.0	16.2	56.2

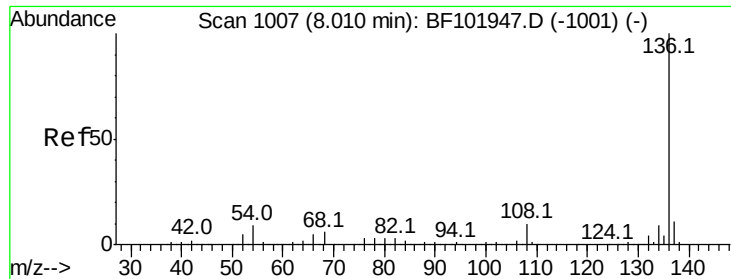


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

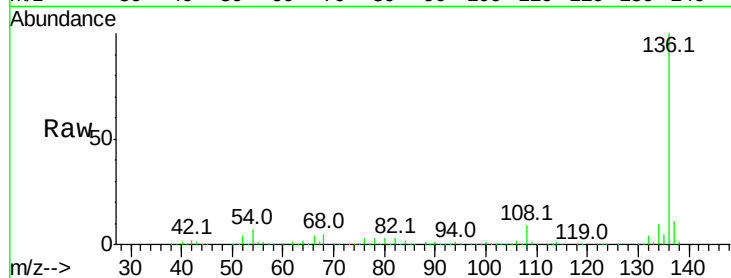




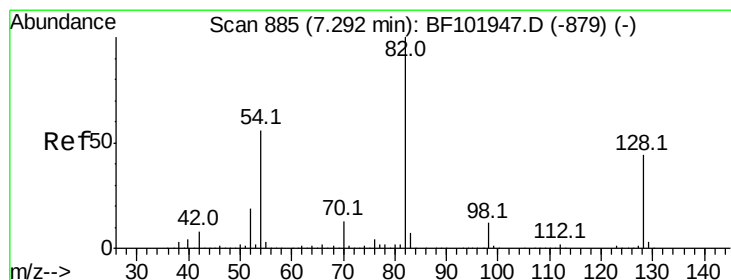
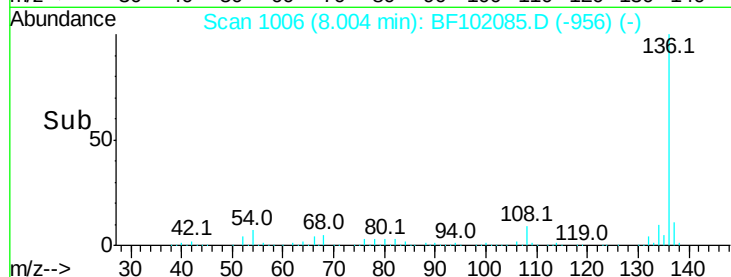
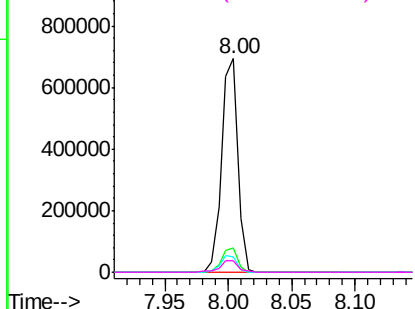
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Instrument :
BNA_F
ClientSampleId :
OCTOP2-01112018

Tot Ion:	136	Resp:	622716
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.2	6.6	9.8
68	5.3	5.0	7.4

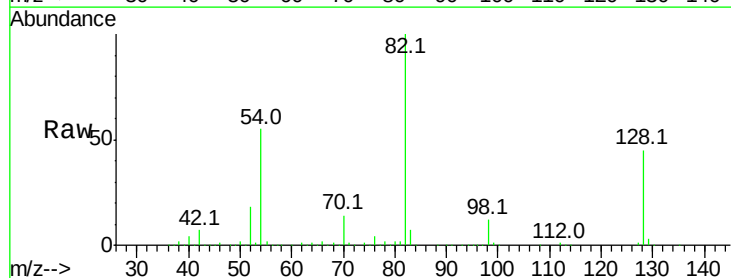


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

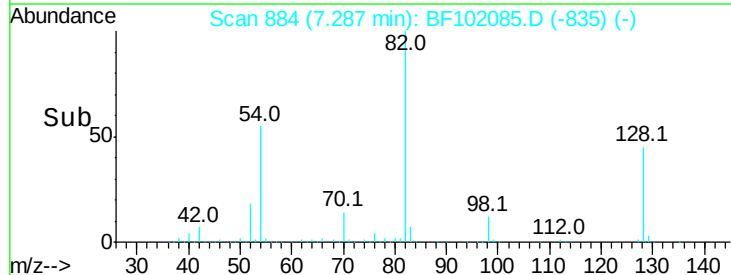
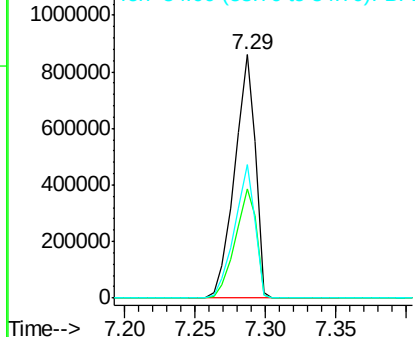


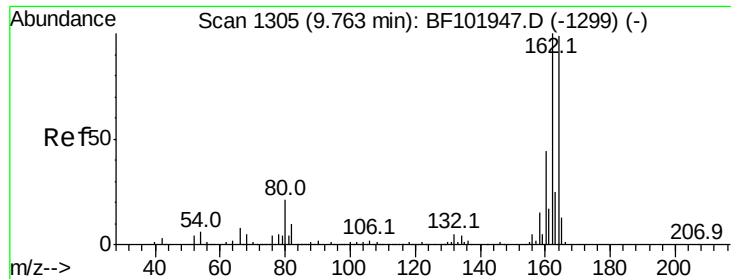
#23
Nitrobenzene-d5
Concen: 82.695 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Tgt Ion:	82	Resp:	876309
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	54.9	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

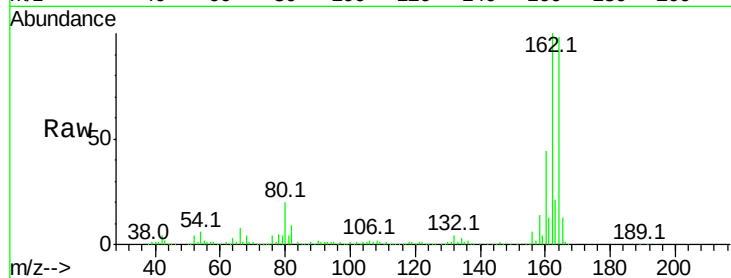




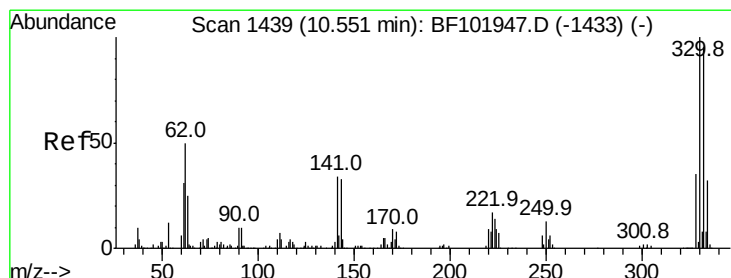
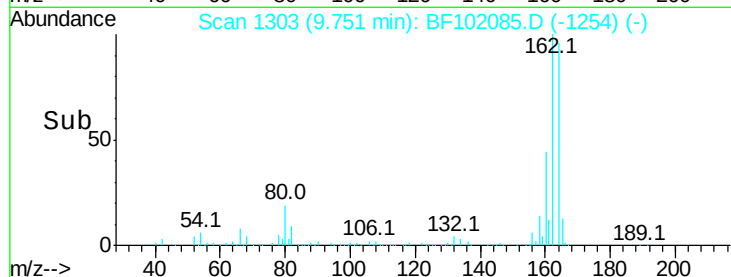
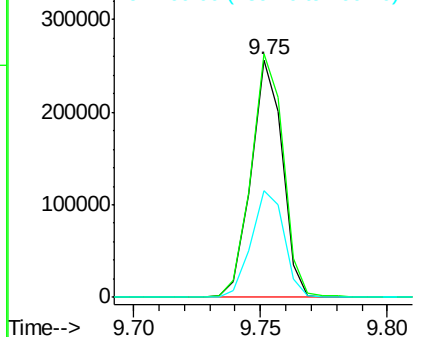
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102085.D
 Acq: 16 Jan 2018 1:20

Instrument :
 BNA_F
 ClientSampleId :
 OCTOP2-01112018

Tot Ion:164 Resp: 220758
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 44.6 38.3 57.5

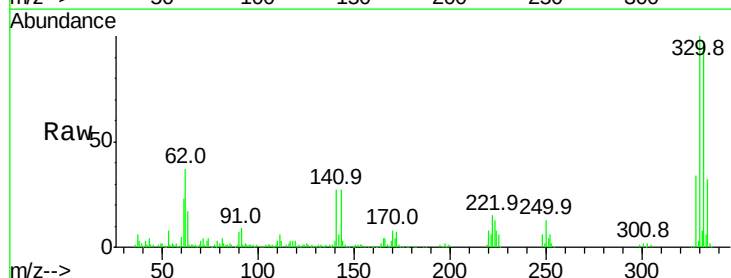


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

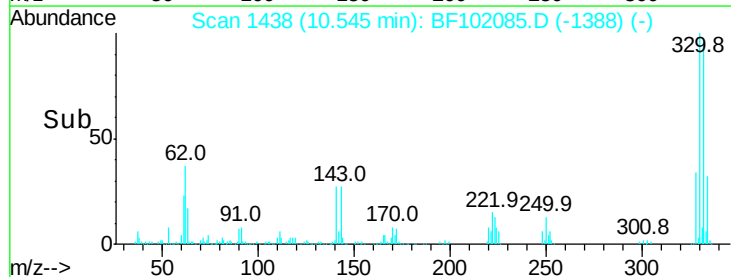
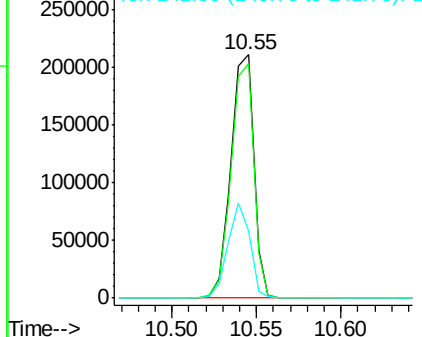


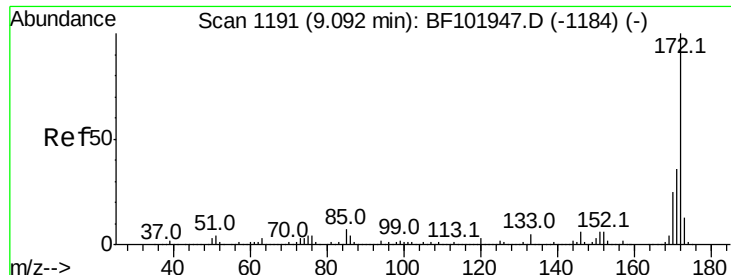
#41
 2,4,6-Tribromophenol
 Concen: 103.263 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102085.D
 Acq: 16 Jan 2018 1:20

Tgt Ion:330 Resp: 198939
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 38.2 29.9 44.9



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



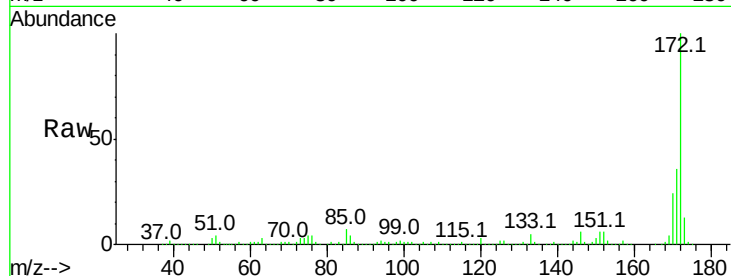


#44
 2-Fluorobiphenyl
 Concen: 90.125 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102085.D
 Acq: 16 Jan 2018 1:20

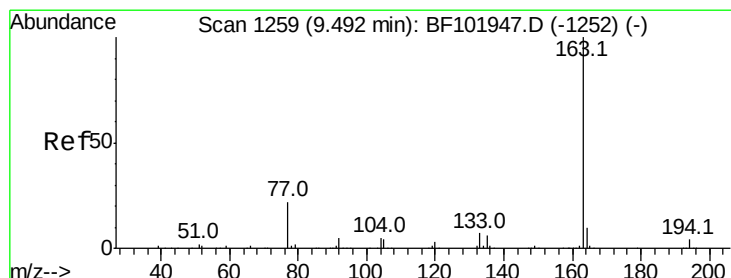
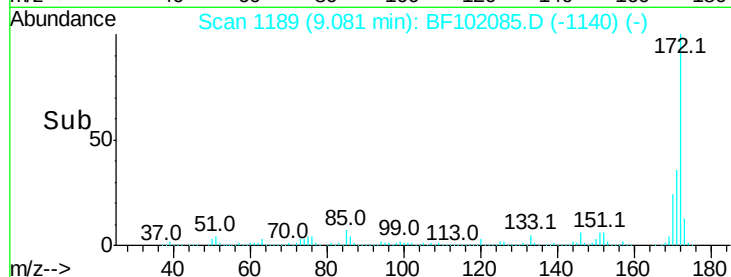
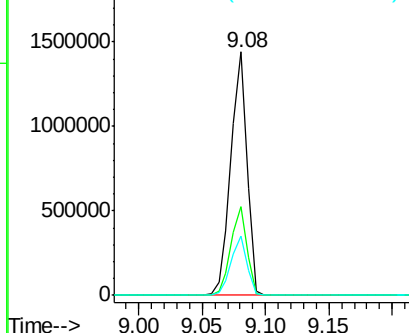
Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:172 Resp: 1273519

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.5	19.6	29.4



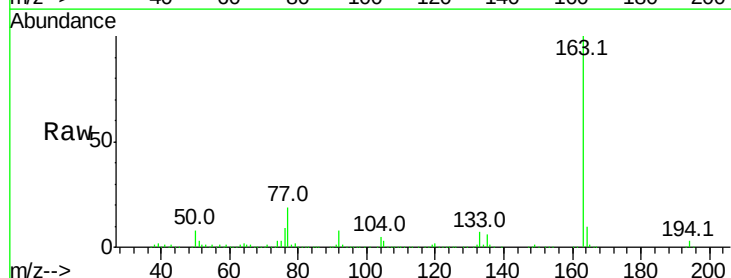
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



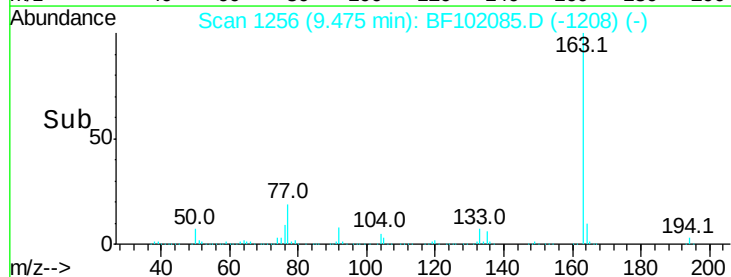
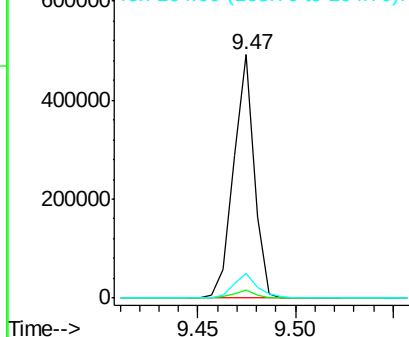
#49
 Dimethylphthalate
 Concen: 20.321 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF102085.D
 Acq: 16 Jan 2018 1:20

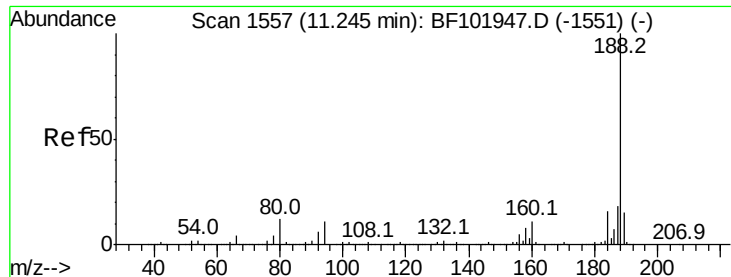
Tgt Ion:163 Resp: 359869

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.1	8.2	12.2



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

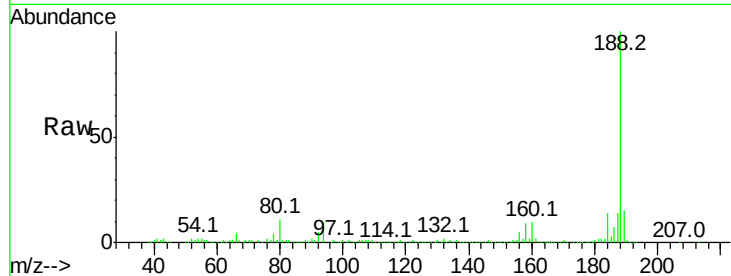




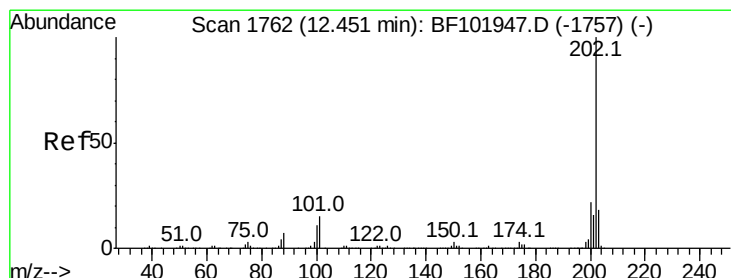
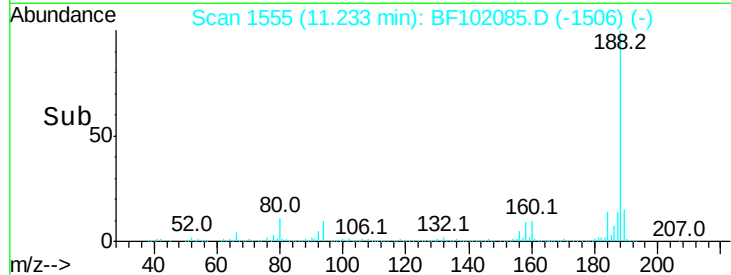
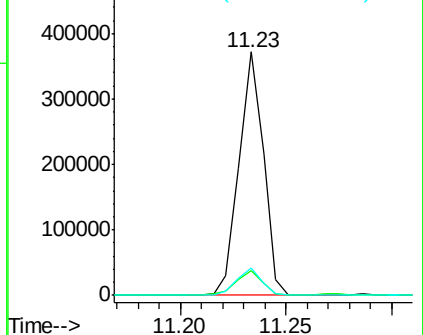
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Instrument :
BNA_F
ClientSampleId :
OCTOP2-01112018

Tot Ion:188 Resp: 297588
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.2 9.2 13.8

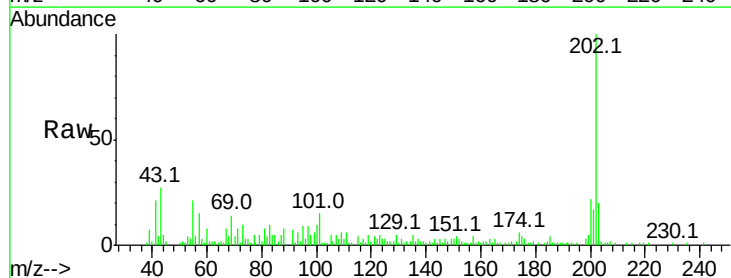


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

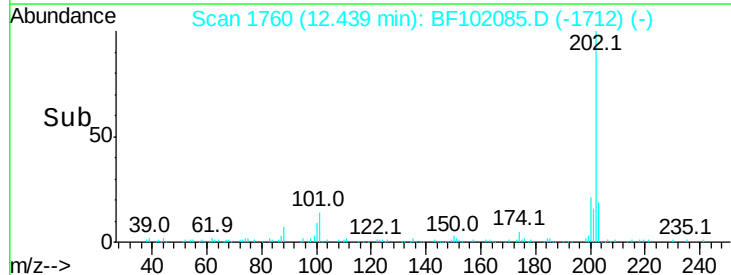
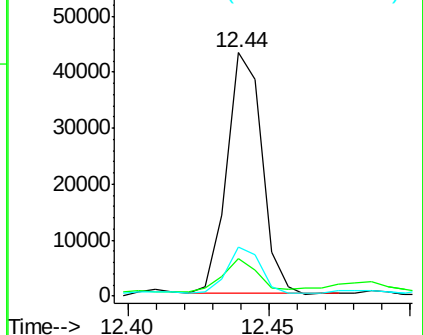


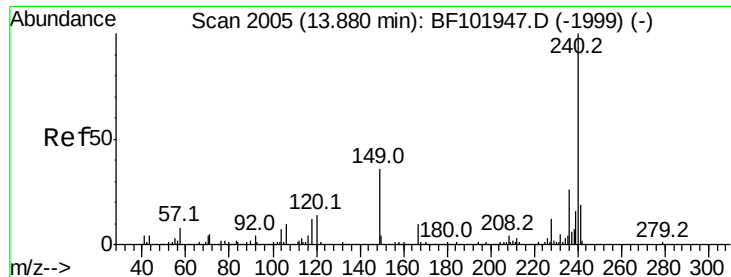
#74
Fluoranthene
Concen: 2.166 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF102085.D
Acq: 16 Jan 2018 1:20

Tgt Ion:202 Resp: 37044
Ion Ratio Lower Upper
202 100
101 15.4 0.0 34.1
203 20.0 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: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

Instrument :

BNA_F

ClientSampleId :

OCTOP2-01112018

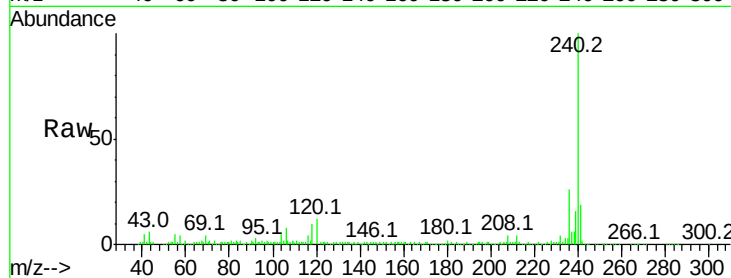
Tot Ion:240 Resp: 297864

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

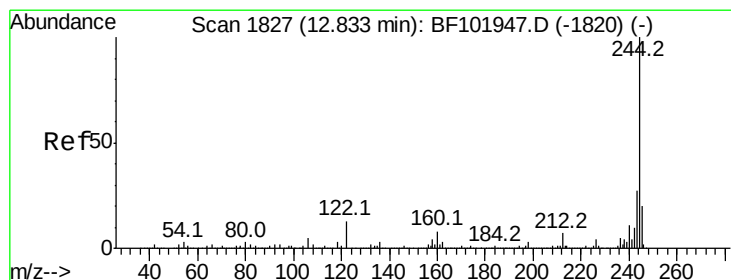
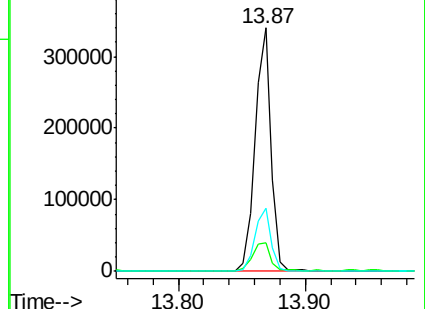
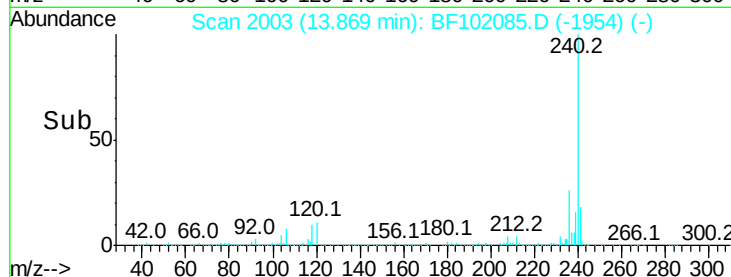
236 25.8 20.7 31.1



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: 55.429 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

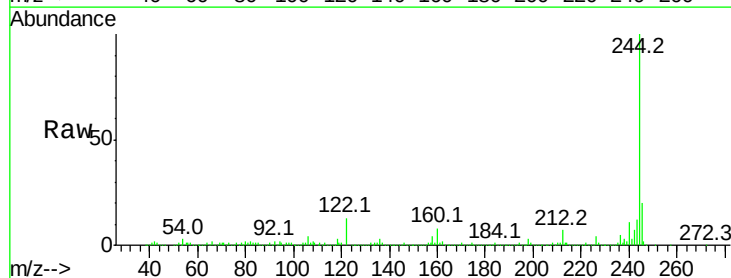
Tgt Ion:244 Resp: 795193

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

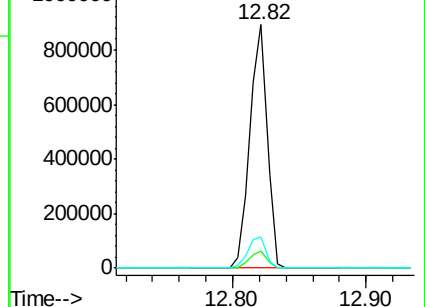
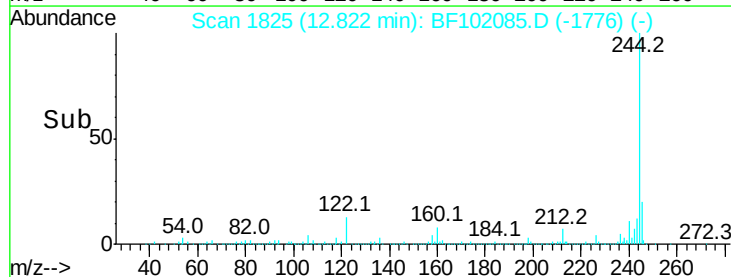
122 12.9 11.0 16.4

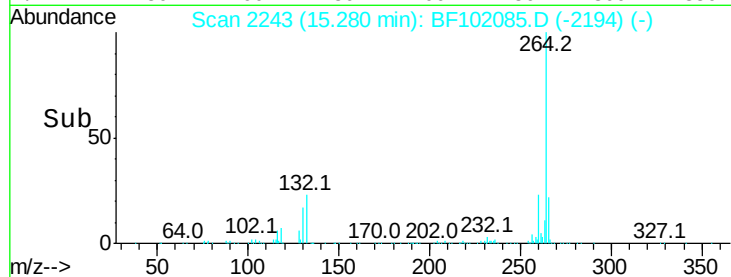
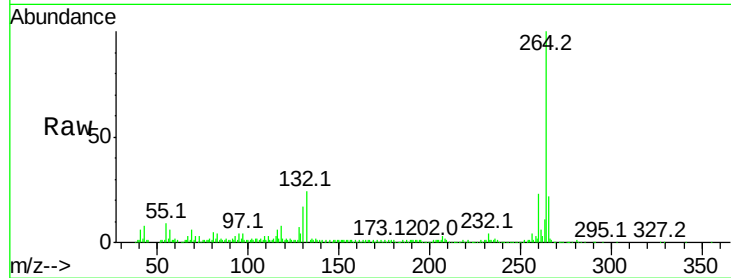
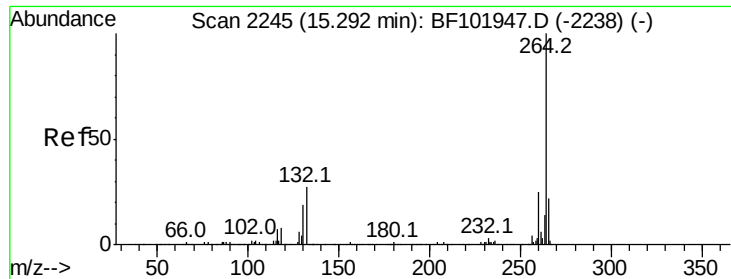


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102085.D

Acq: 16 Jan 2018 1:20

Instrument :

BNA_F

ClientSampleId :

OCTOP2-01112018

Tot Ion: 264 Resp: 260025

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 22.1 17.5 26.3

