

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101088.D
 Acq On : 4 Dec 2017 10:55
 Operator : SJ/JU
 Sample : I6630-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-S001-0001-02

Quant Time: Dec 04 15:22:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

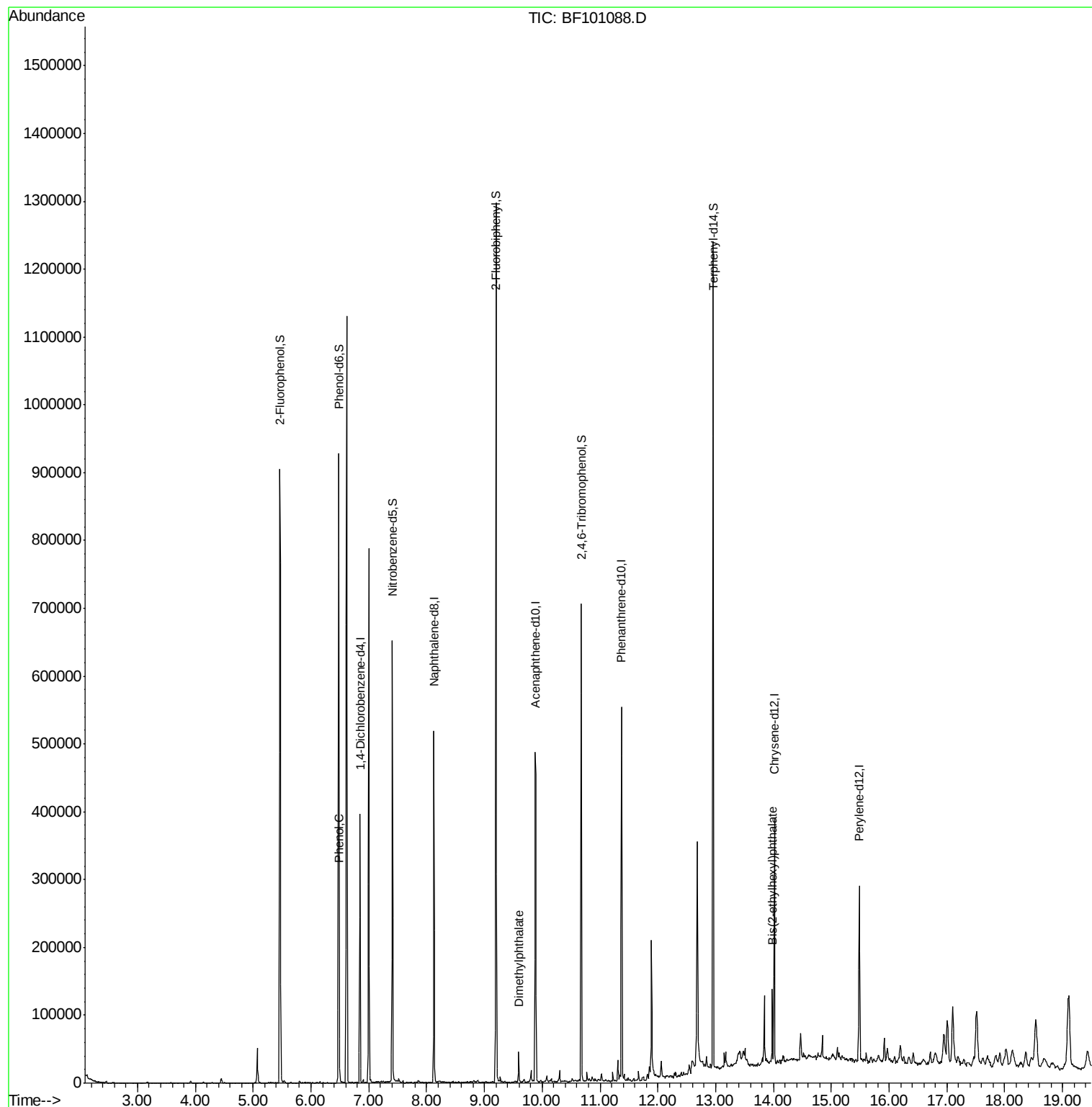
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54472	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	213475	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	101309	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	204811	20.00	ng	0.00
75) Chrysene-d12	14.02	240	131103	20.00	ng	0.00
86) Perylene-d12	15.49	264	126150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	257835	78.22	ng	0.00
7) Phenol-d6	6.48	99	306970	76.70	ng	0.00
23) Nitrobenzene-d5	7.41	82	188179	52.58	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	85978	70.65	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	413087	55.79	ng	0.00
78) Terphenyl-d14	12.96	244	402317	67.12	ng	0.00
Target Compounds						
10) Phenol	6.49	94	11541	2.59	ng	Qvalue 97
49) Dimethylphthalate	9.59	163	16743	2.05	ng	# 96
83) Bis(2-ethylhexyl)phthalate	13.98	149	27746	4.88	ng	# 97

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

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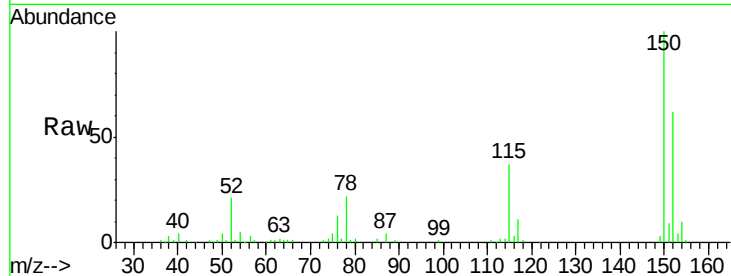


#1

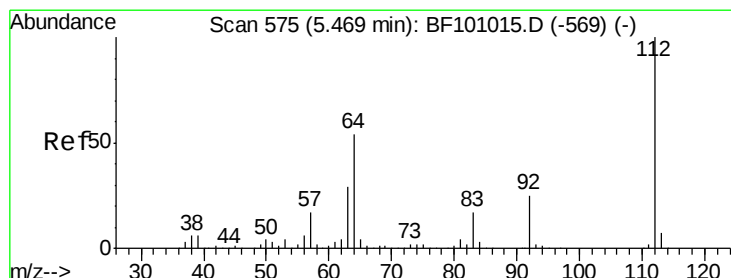
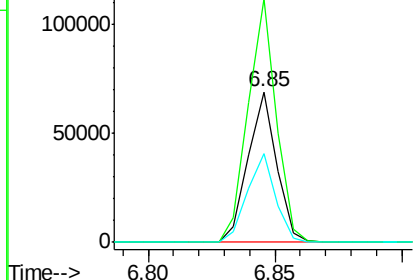
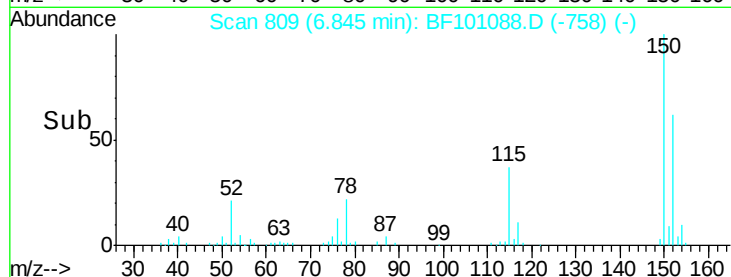
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

Tot Ion:152 Resp: 54472
Ion Ratio Lower Upper
152 100
150 161.6 124.6 186.8
115 59.0 50.1 75.1



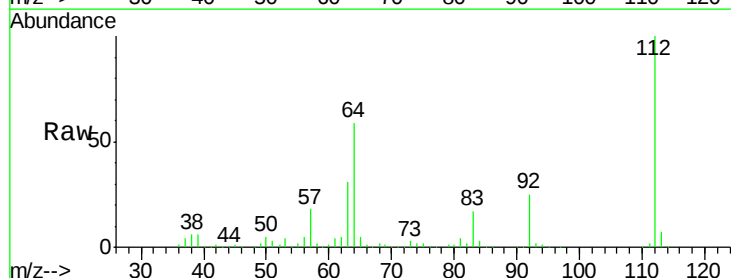
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



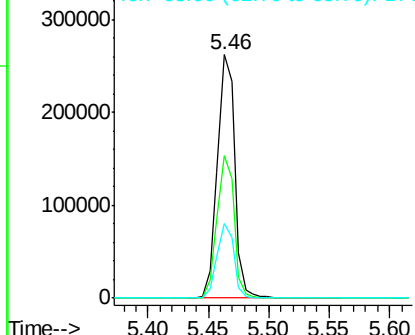
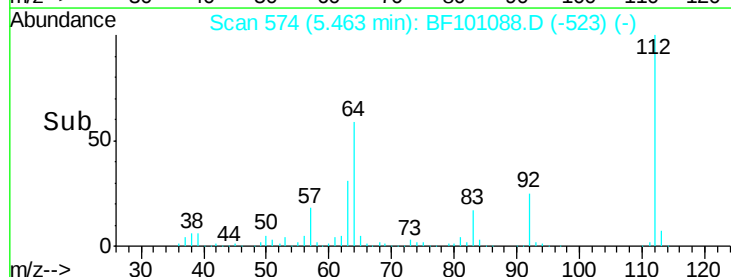
#5

2-Fluorophenol
Concen: 78.22 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

Tgt Ion:112 Resp: 257835
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 30.6 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: 76.70 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101088.D

Acq: 4 Dec 2017 10:55

Instrument :

BNA_F

ClientSampleId :

P004-S001-0001-02

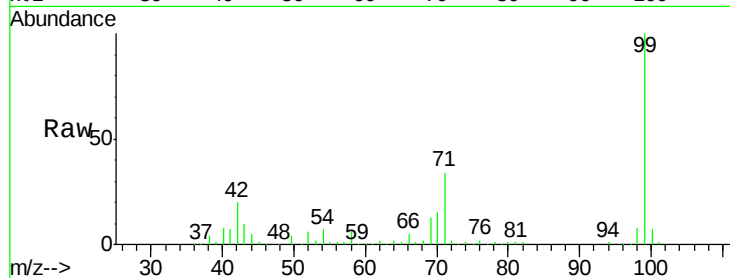
Tot Ion: 99 Resp: 306970

Ion Ratio Lower Upper

99 100

42 19.6 14.5 21.7

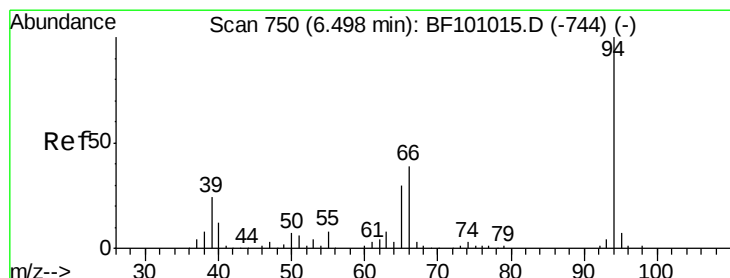
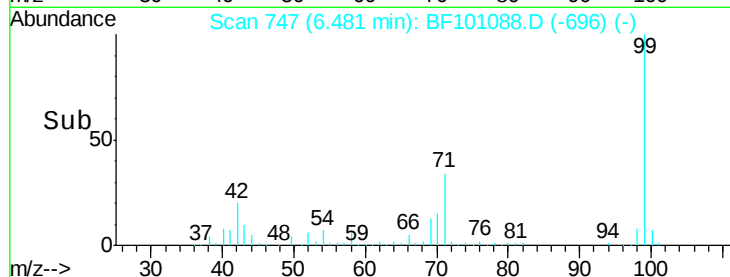
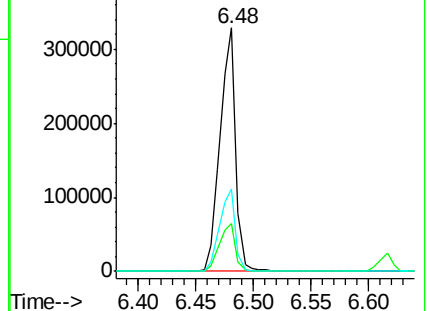
71 33.7 25.4 38.0



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: 2.59 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101088.D

Acq: 4 Dec 2017 10:55

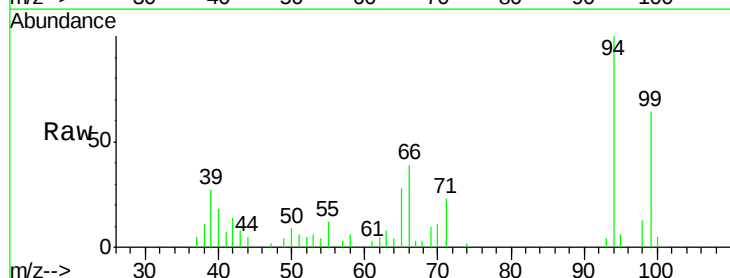
Tgt Ion: 94 Resp: 11541

Ion Ratio Lower Upper

94 100

65 27.7 7.9 47.9

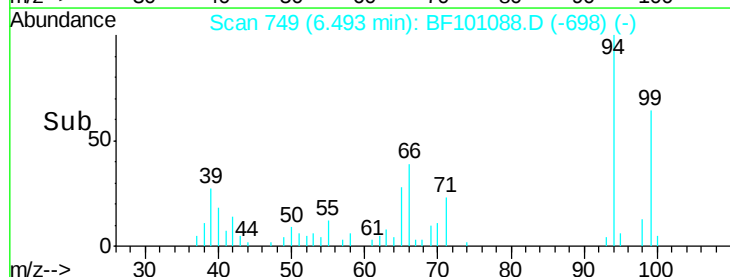
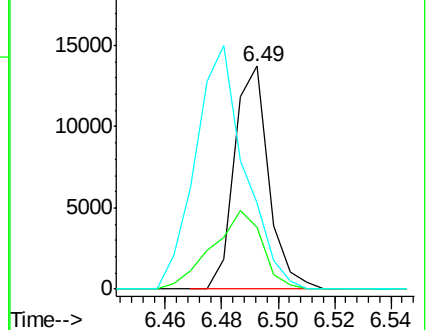
66 38.7 16.2 56.2



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

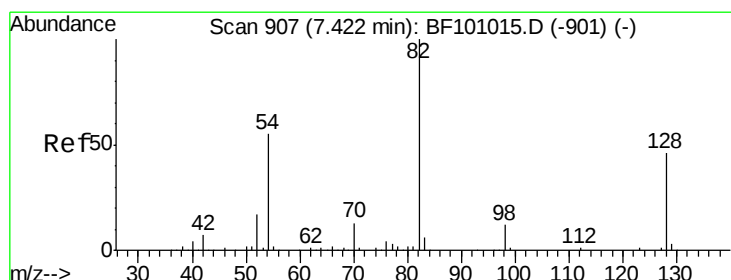
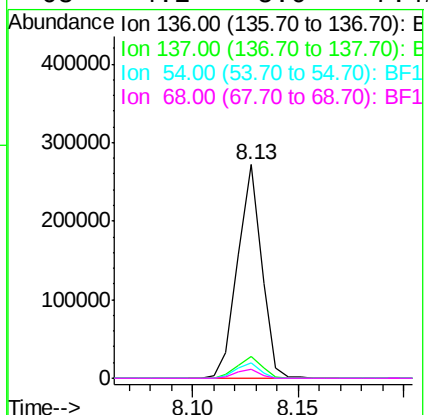
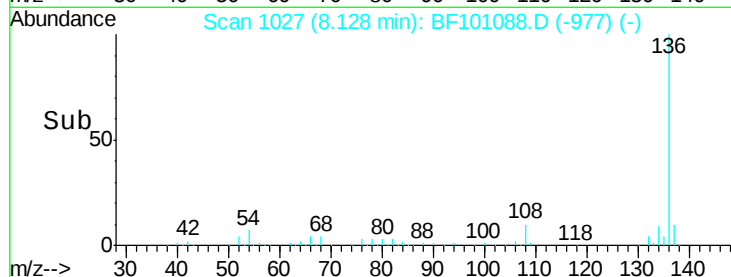
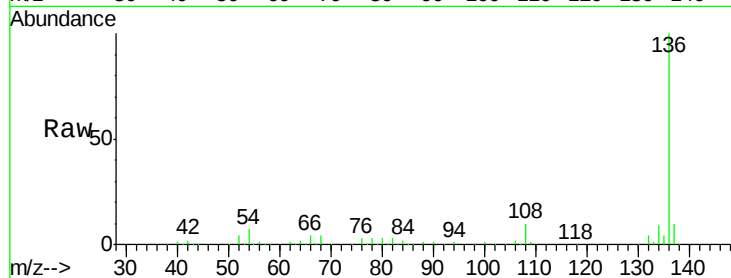




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

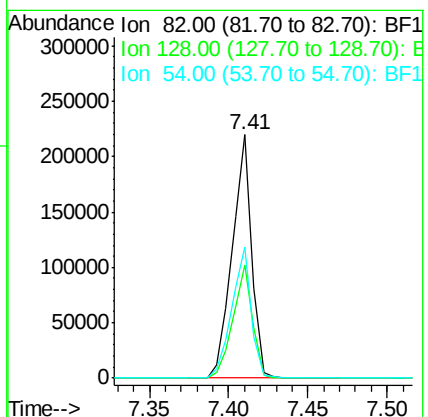
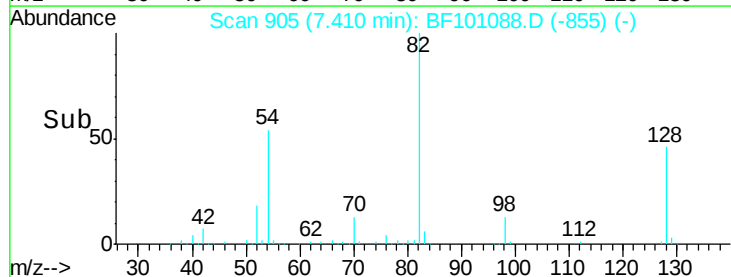
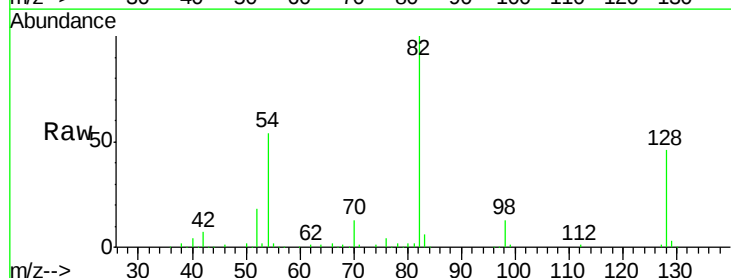
Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

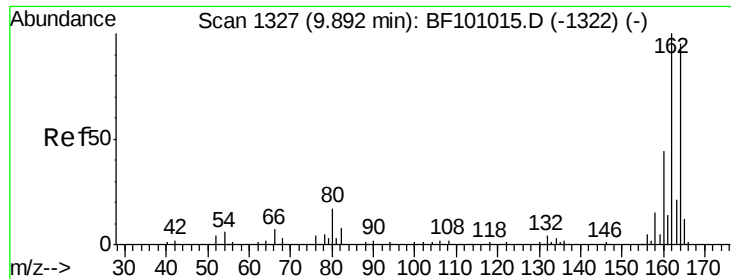
Tot Ion:136	Resp:	213475
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	7.1	6.6 9.8
68	4.2	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 52.58 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

Tgt Ion: 82	Resp:	188179
Ion Ratio	Lower	Upper
82	100	
128	46.4	36.1 54.1
54	54.0	41.4 62.2

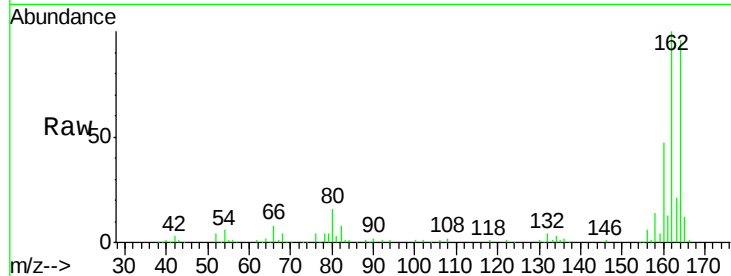




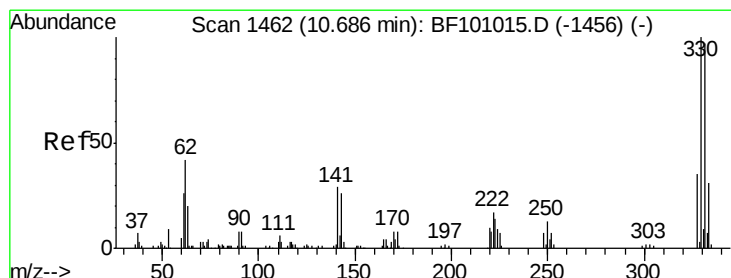
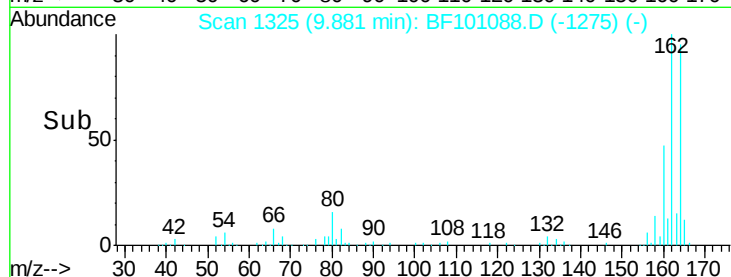
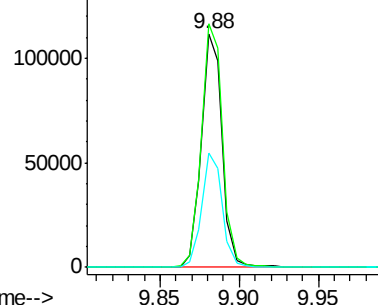
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101088.D
 Acq: 4 Dec 2017 10:55

Instrument :
 BNA_F
 ClientSampleId :
 P004-S001-0001-02

Tot Ion:164 Resp: 101309
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 49.1 38.3 57.5

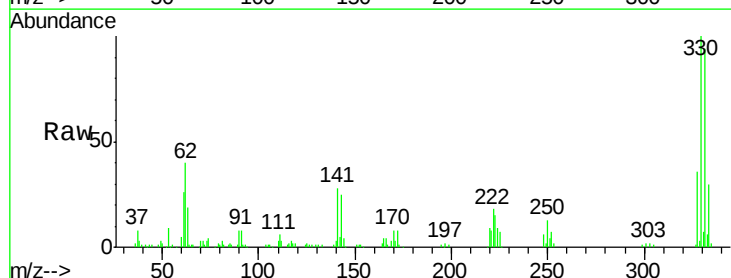


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

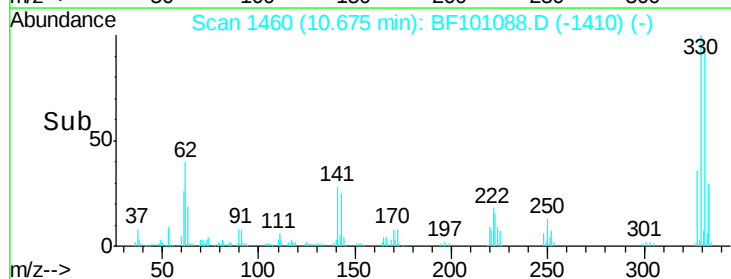
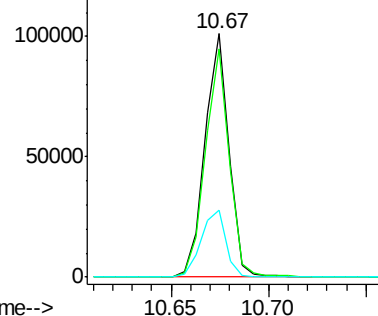


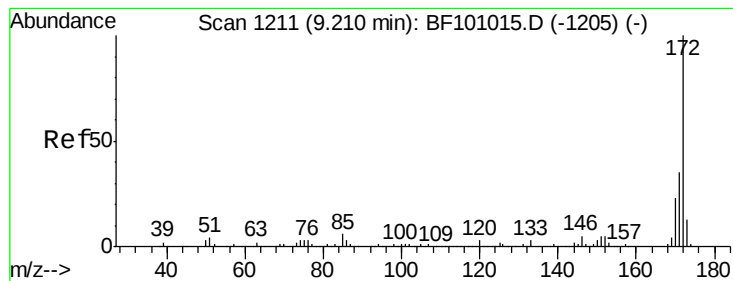
#41
 2,4,6-Tribromophenol
 Concen: 70.65 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101088.D
 Acq: 4 Dec 2017 10:55

Tgt Ion:330 Resp: 85978
 Ion Ratio Lower Upper
 330 100
 332 93.7 77.0 115.6
 141 28.5 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: 55.79 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF101088.D

Acq: 4 Dec 2017 10:55

Instrument :

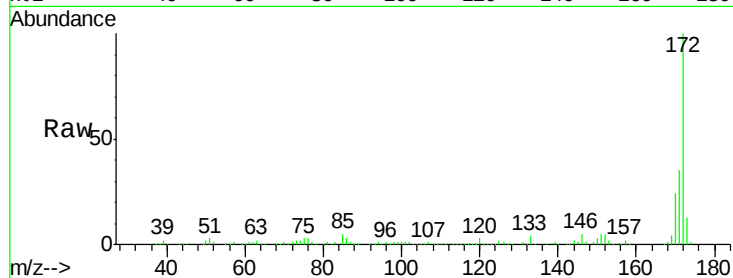
BNA_F

ClientSampleId :

P004-S001-0001-02

Tot Ion:172 Resp: 413087

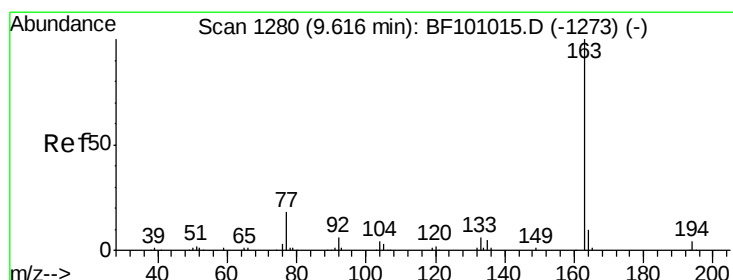
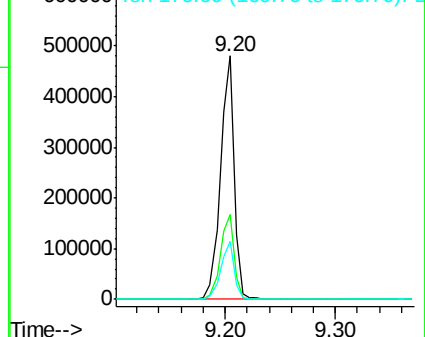
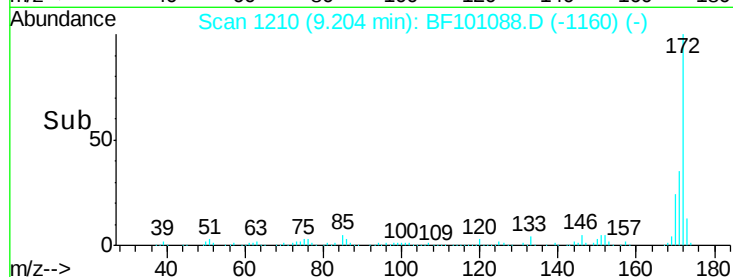
Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	24.1	19.6	29.4



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: 2.05 ng

RT: 9.59 min Scan# 1276

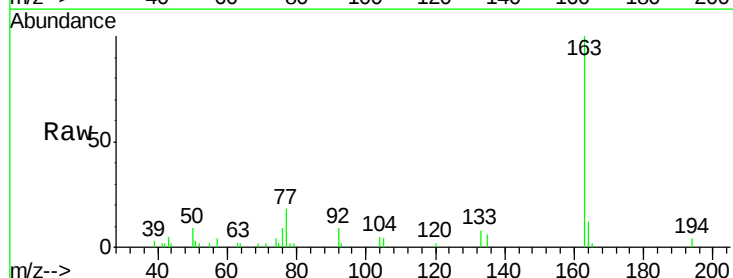
Delta R.T. -0.02 min

Lab File: BF101088.D

Acq: 4 Dec 2017 10:55

Tgt Ion:163 Resp: 16743

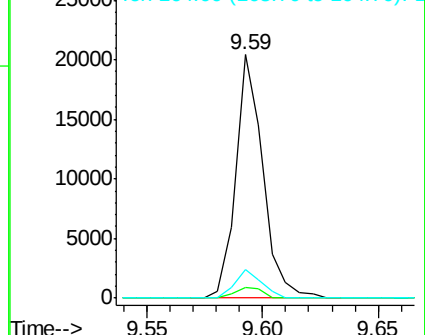
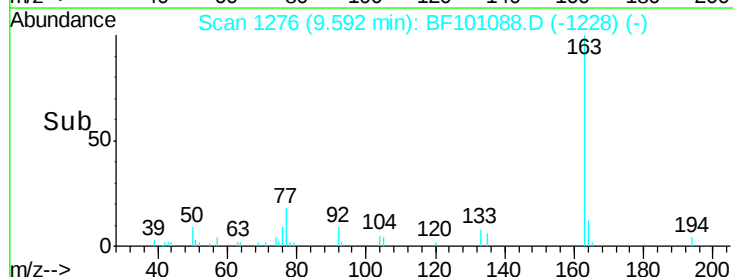
Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	11.9	8.2	12.2

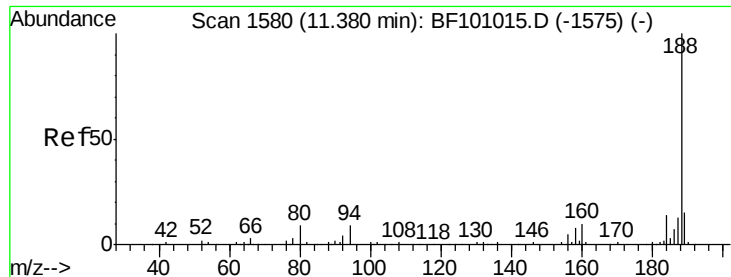


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF101088.D

Acq: 4 Dec 2017 10:55

Instrument :

BNA_F

ClientSampleId :

P004-S001-0001-02

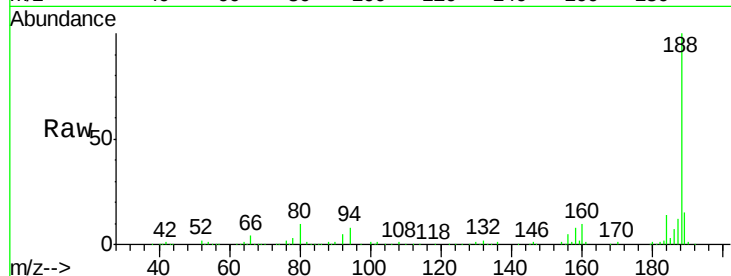
Tot Ion:188 Resp: 204811

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

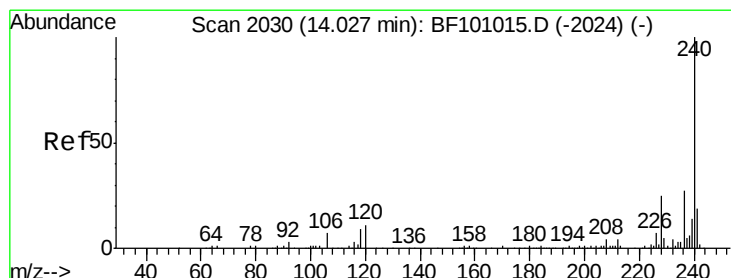
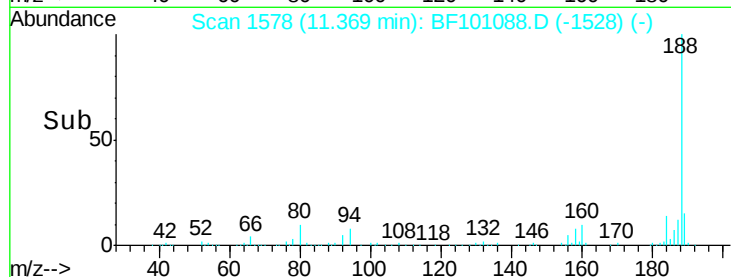
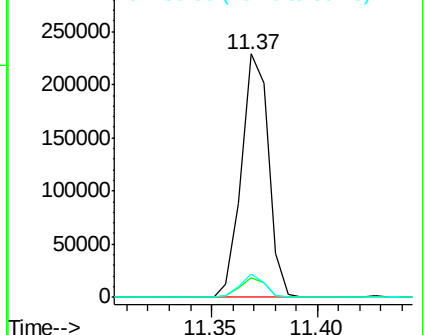
80 9.5 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF101088.D

Acq: 4 Dec 2017 10:55

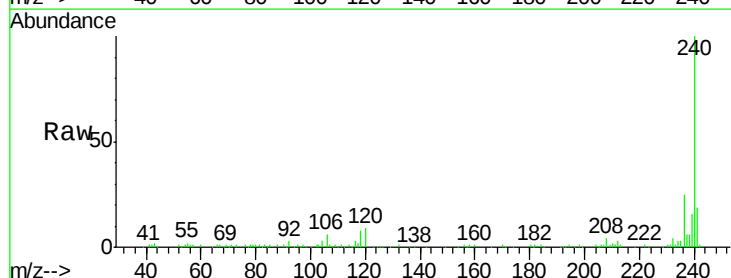
Tgt Ion:240 Resp: 131103

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

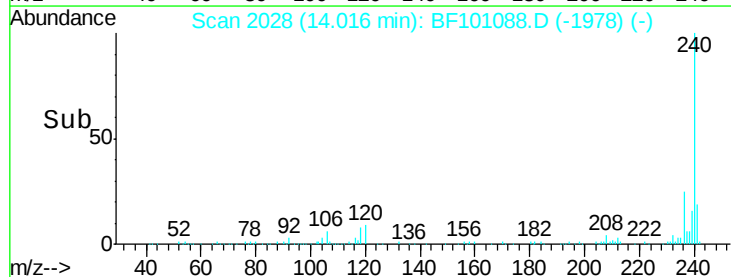
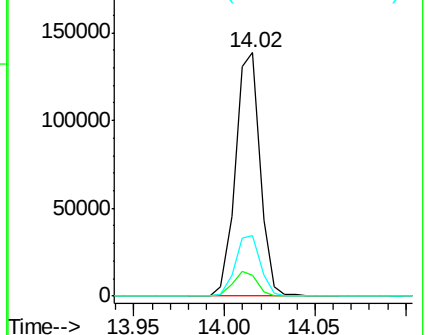
236 25.1 20.7 31.1

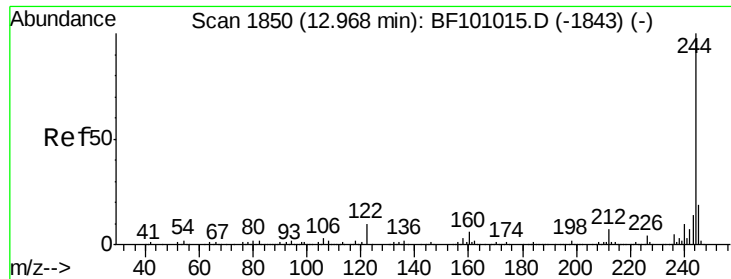


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.12 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101088.D

Acq: 4 Dec 2017 10:55

Instrument :

BNA_F

ClientSampleId :

P004-S001-0001-02

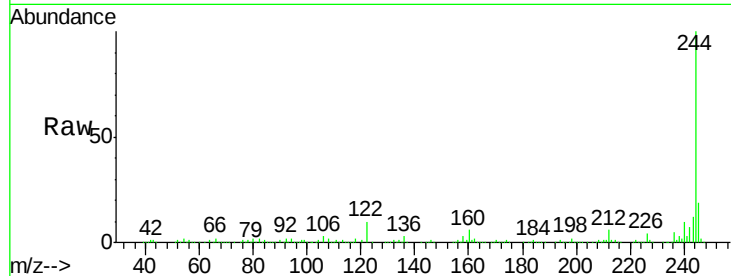
Tot Ion:244 Resp: 402317

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

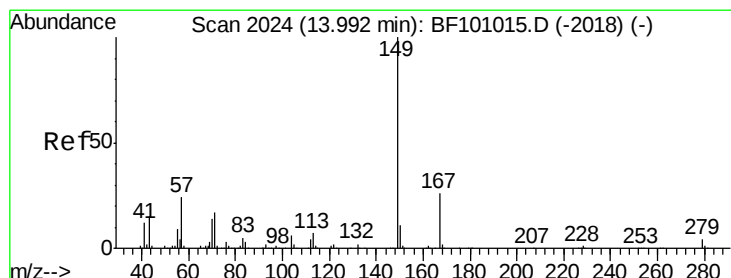
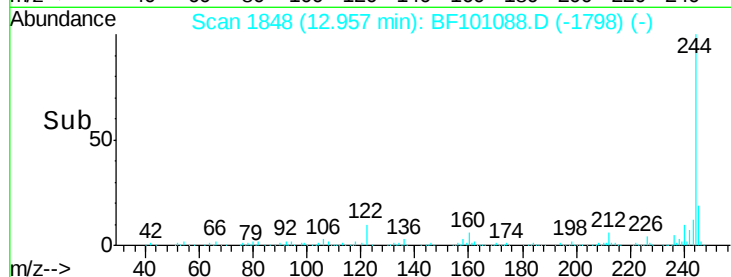
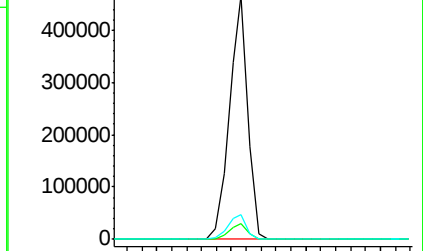
122 10.0 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.88 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF101088.D

Acq: 4 Dec 2017 10:55

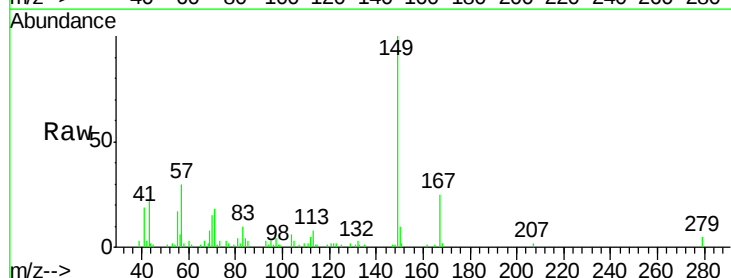
Tgt Ion:149 Resp: 27746

Ion Ratio Lower Upper

149 100

167 24.8 21.3 31.9

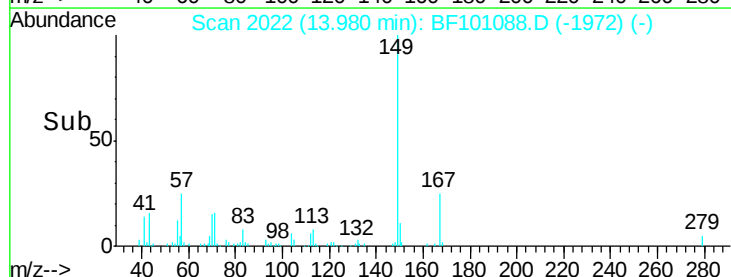
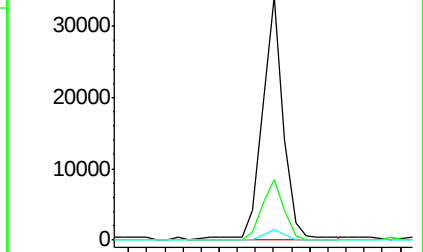
279 4.6 3.0 4.4#

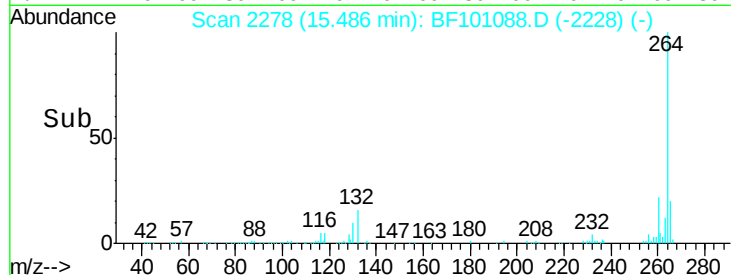
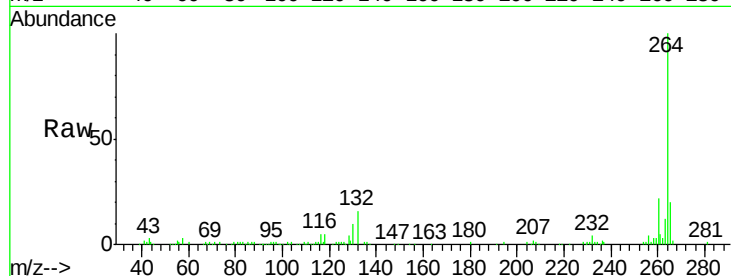
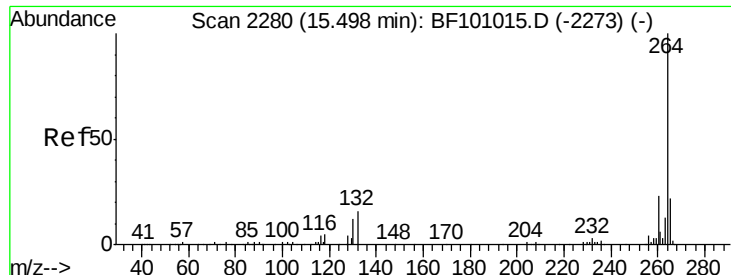


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF101088.D
Acq: 4 Dec 2017 10:55

Instrument :
BNA_F
ClientSampleId :
P004-S001-0001-02

Tot Ion:	264	Resp:	126150
Ion Ratio	Lower	Upper	
264	100		
260	22.2	19.2	28.8
265	20.3	17.5	26.3

