

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099869.D
 Acq On : 26 Oct 2017 19:20
 Operator : SJ/JU
 Sample : I6078-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-20-21

Quant Time: Oct 26 20:31:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

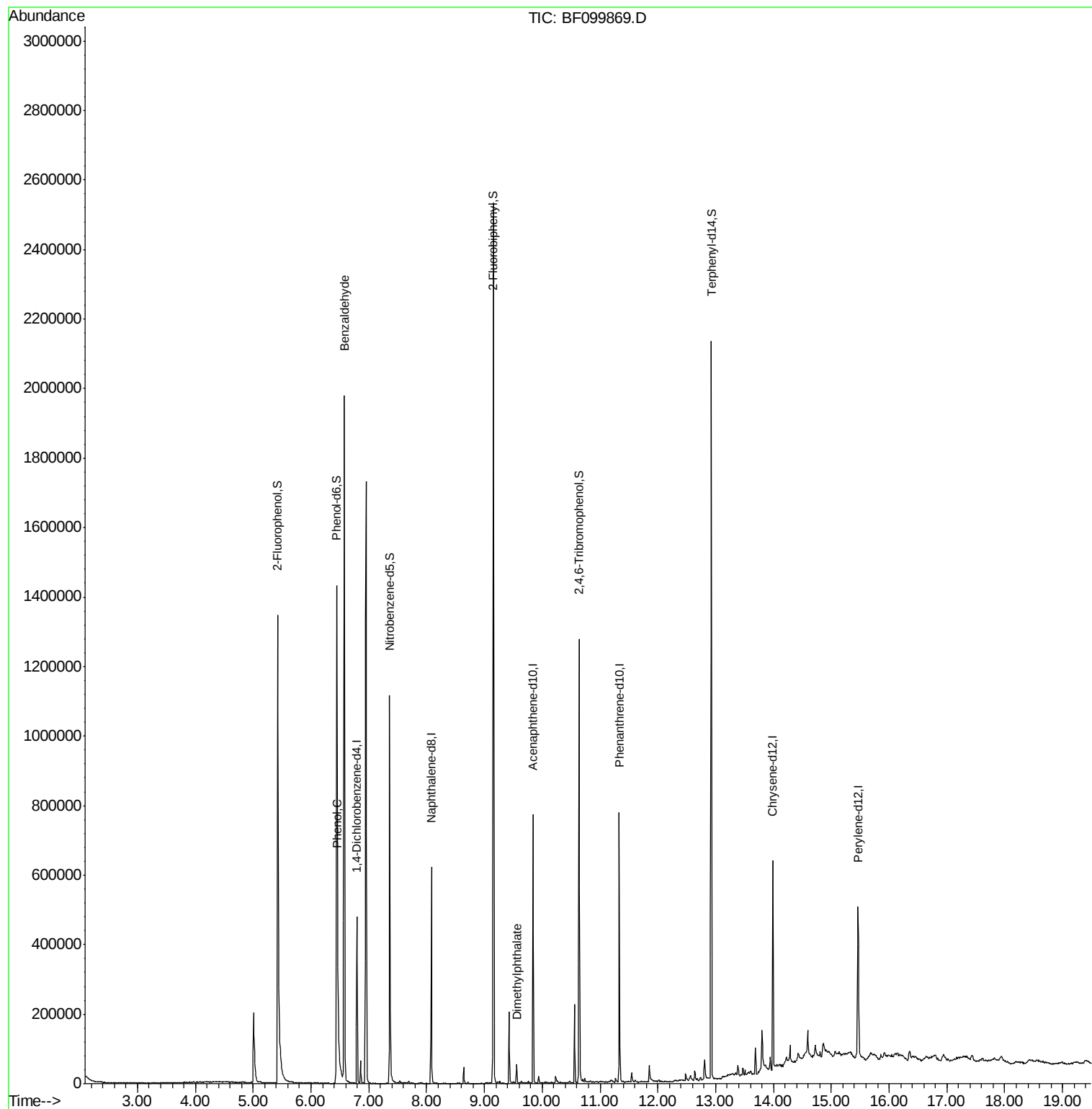
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	74711	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	311408	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	143182	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	260866	20.00	ng	0.00
75) Chrysene-d12	13.99	240	210126	20.00	ng	0.00
86) Perylene-d12	15.46	264	190789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	615945	129.43	ng	0.02
7) Phenol-d6	6.45	99	739505	131.06	ng	0.01
23) Nitrobenzene-d5	7.36	82	412214	85.22	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	157515	120.72	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	851825	91.79	ng	0.00
78) Terphenyl-d14	12.93	244	787947	81.95	ng	0.01
Target Compounds						
9) Benzaldehyde	6.57	77	11115	3.296	ng	92
10) Phenol	6.46	94	36180	5.840	ng	90
49) Dimethylphthalate	9.56	163	24826	2.189	ng	98

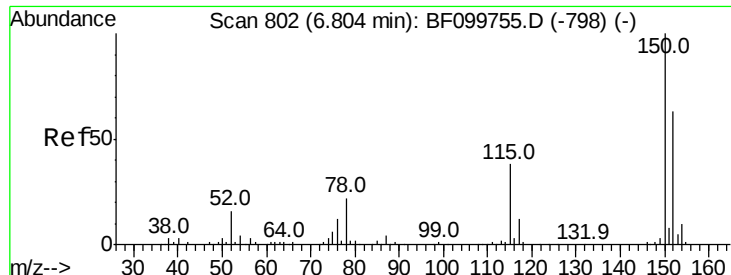
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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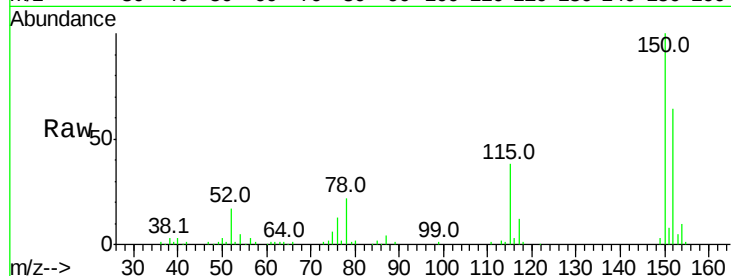


#1

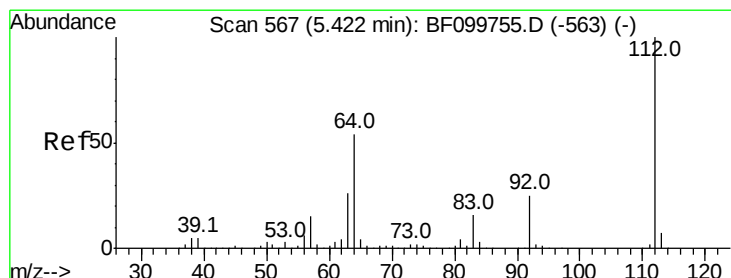
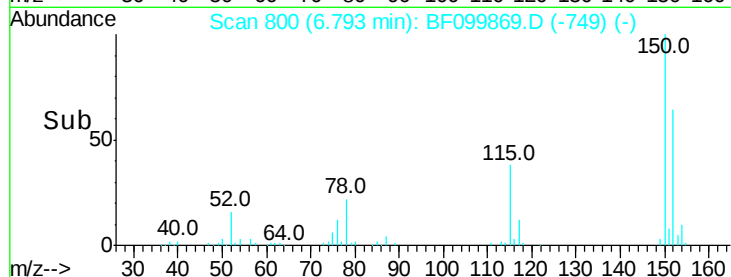
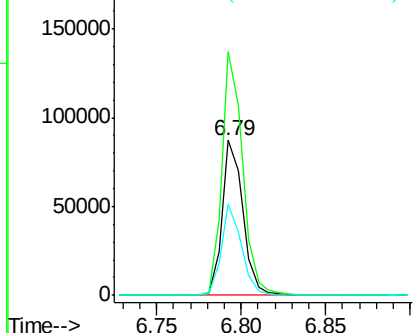
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099869.D
Acq: 26 Oct 2017 19:20

Instrument :
BNA_F
ClientSampleId :
SB-3-20-21

Tot Ion:152 Resp: 74711
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 59.1 50.1 75.1



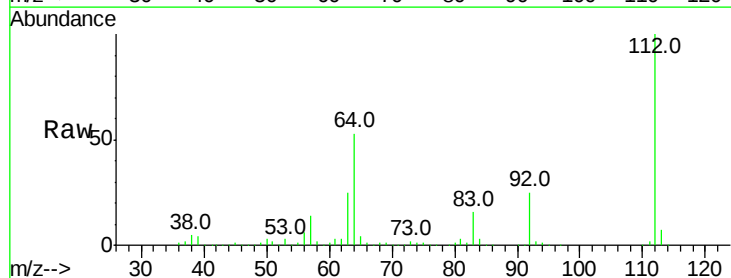
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



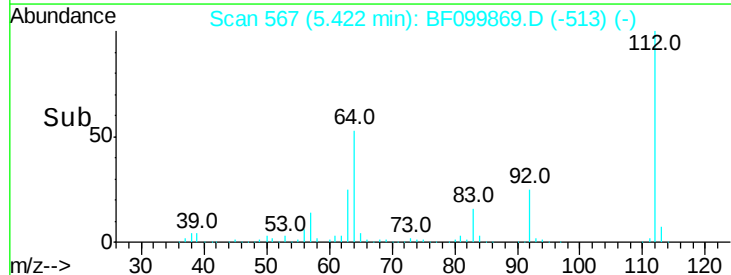
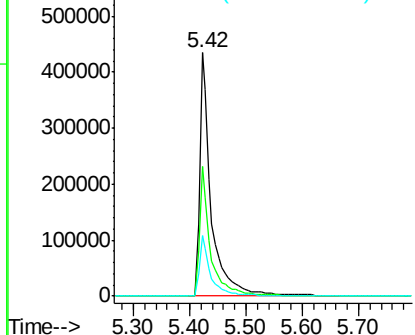
#5

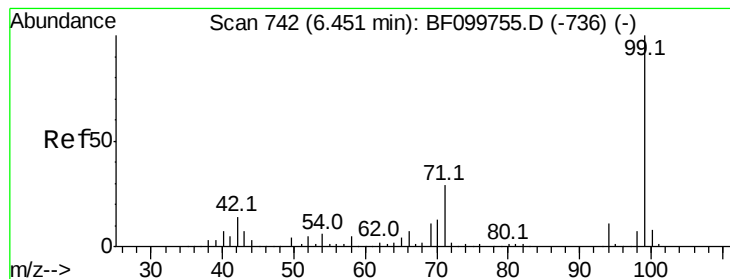
2-Fluorophenol
Concen: 129.434 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF099869.D
Acq: 26 Oct 2017 19:20

Tgt Ion:112 Resp: 615945
Ion Ratio Lower Upper
112 100
64 53.5 47.9 71.9
63 24.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.058 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF099869.D

Acq: 26 Oct 2017 19:20

Instrument :

BNA_F

ClientSampleId :

SB-3-20-21

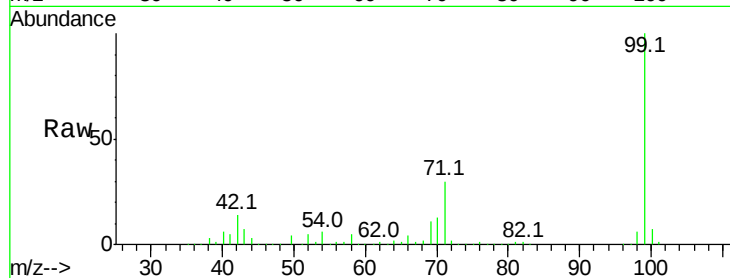
Tot Ion: 99 Resp: 739505

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

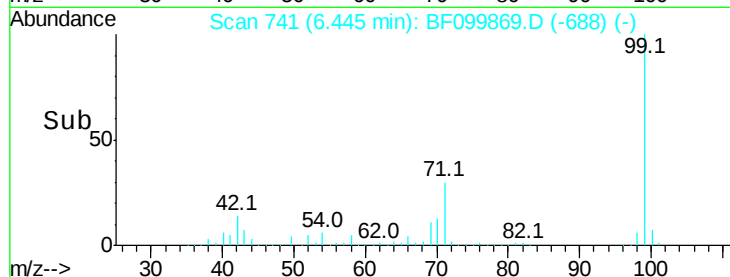
71 29.7 25.4 38.0



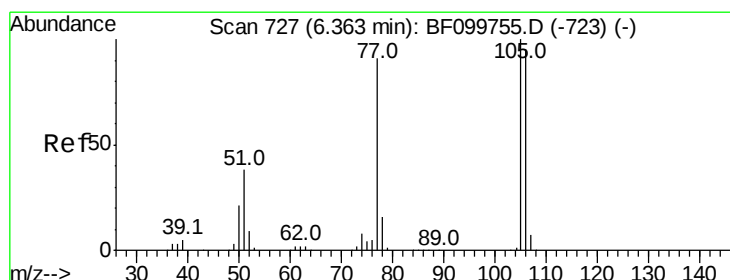
Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.45

6.40 6.50 6.60 6.70



Time-->



#9

Benzaldehyde

Concen: 3.296 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.22 min

Lab File: BF099869.D

Acq: 26 Oct 2017 19:20

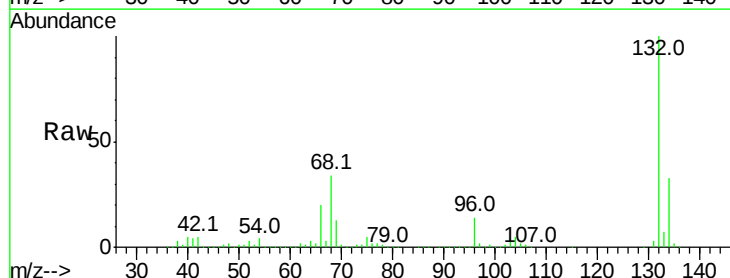
Tgt Ion: 77 Resp: 11115

Ion Ratio Lower Upper

77 100

105 96.4 81.1 121.1

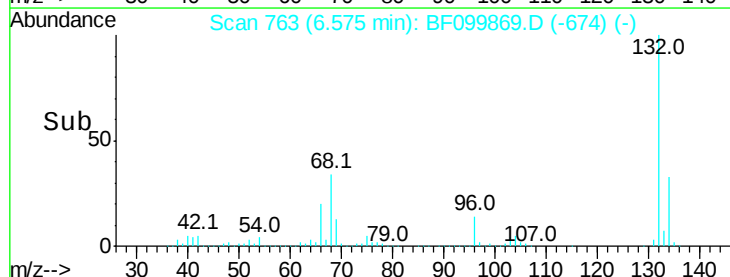
106 83.5 74.5 114.5



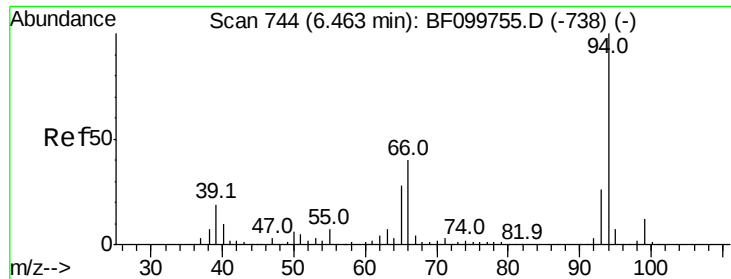
Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

6.57

6.54 6.56 6.58 6.60 6.62



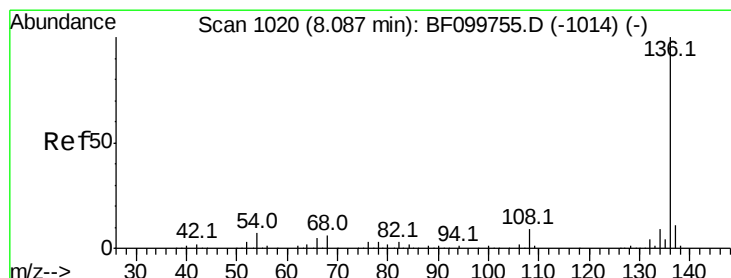
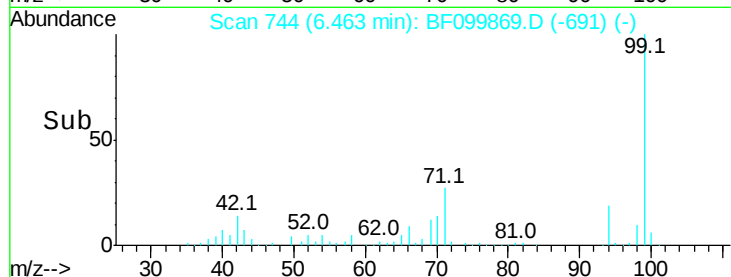
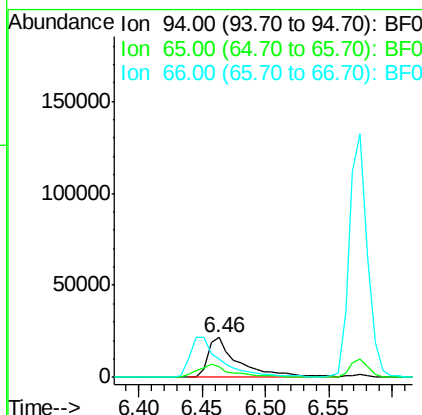
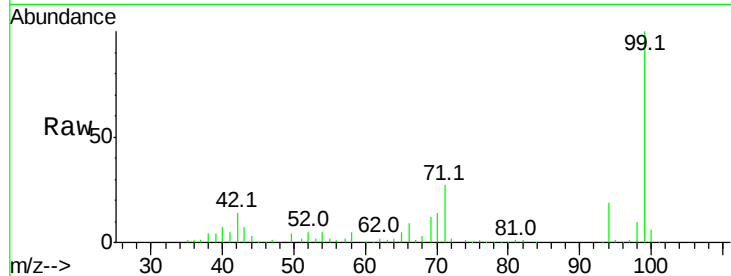
Time-->



#10
Phenol
Concen: 5.840 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF099869.D
Acq: 26 Oct 2017 19:20

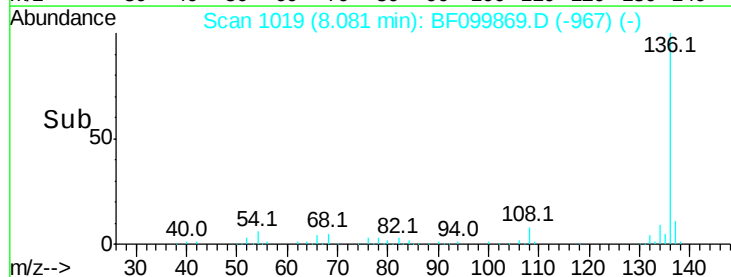
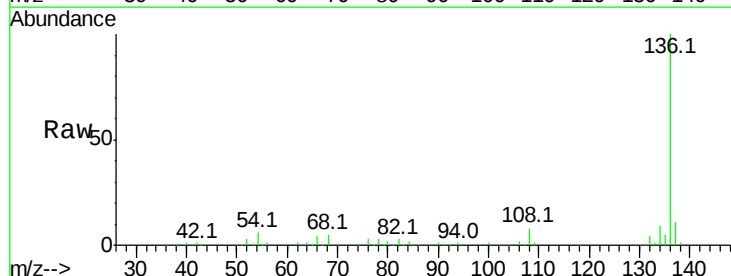
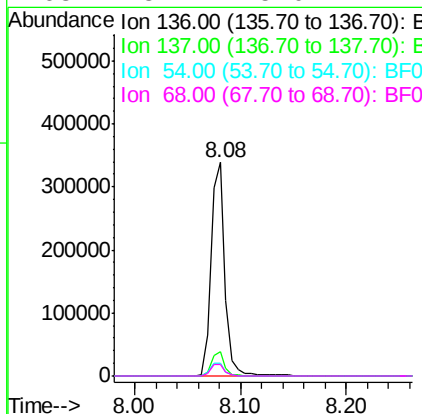
Instrument :
BNA_F
ClientSampleId :
SB-3-20-21

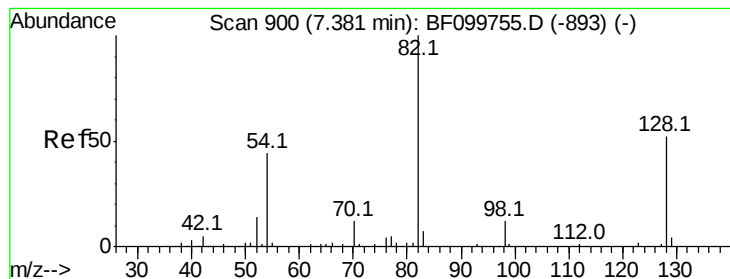
Tot Ion: 94 Resp: 36180
Ion Ratio Lower Upper
94 100
65 28.3 7.9 47.9
66 46.7 16.2 56.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF099869.D
Acq: 26 Oct 2017 19:20

Tgt Ion: 136 Resp: 311408
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.0 6.6 9.8#
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.221 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF099869.D

Acq: 26 Oct 2017 19:20

Instrument :

BNA_F

ClientSampled :

SB-3-20-21

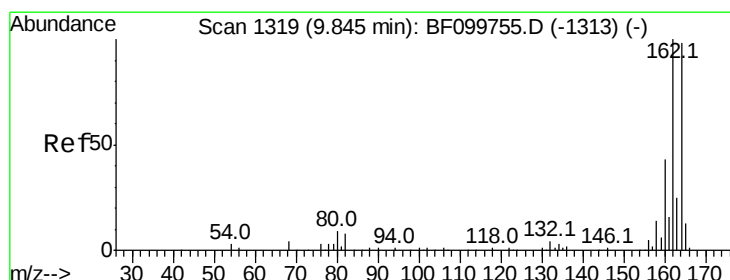
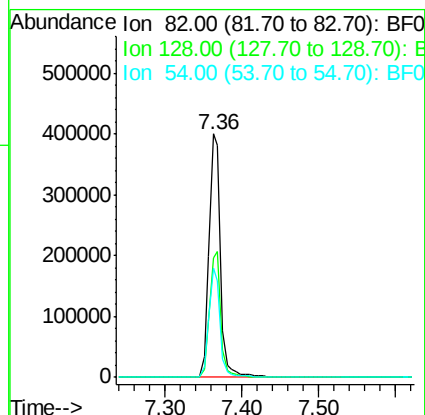
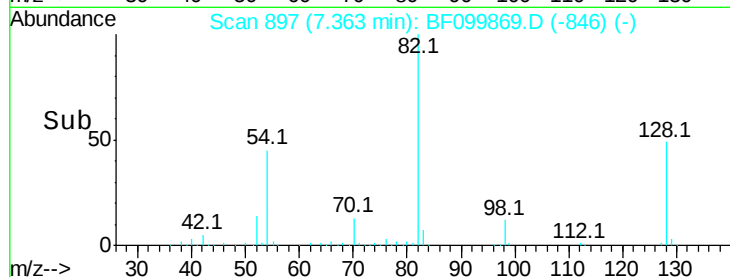
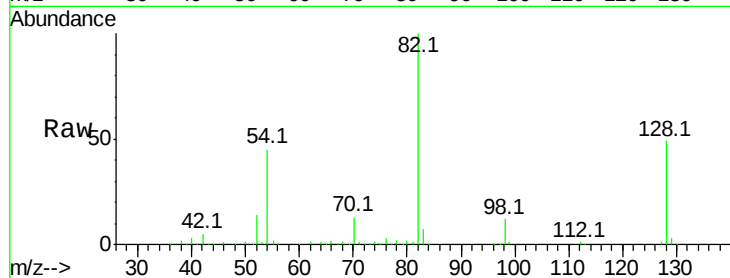
Tot Ion: 82 Resp: 412214

Ion Ratio Lower Upper

82 100

128 48.9 36.1 54.1

54 45.0 41.4 62.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF099869.D

Acq: 26 Oct 2017 19:20

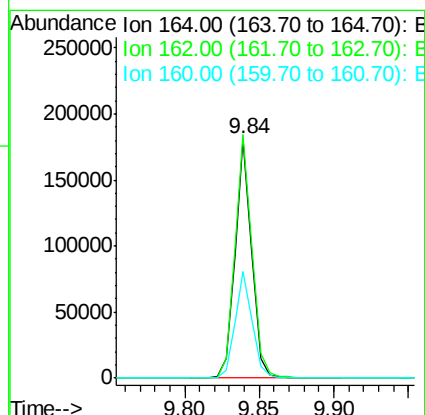
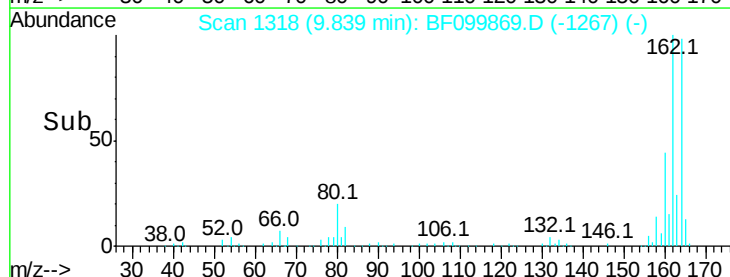
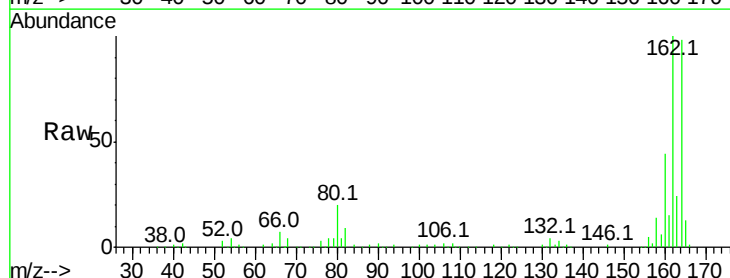
Tgt Ion: 164 Resp: 143182

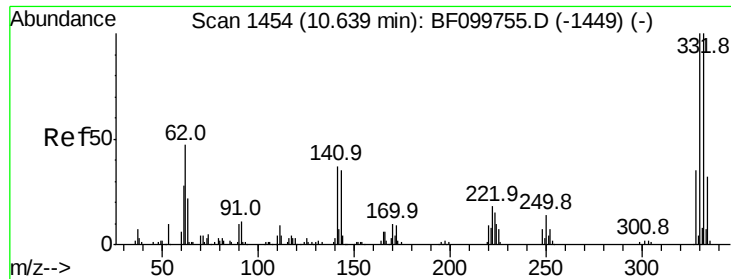
Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

160 44.5 38.3 57.5

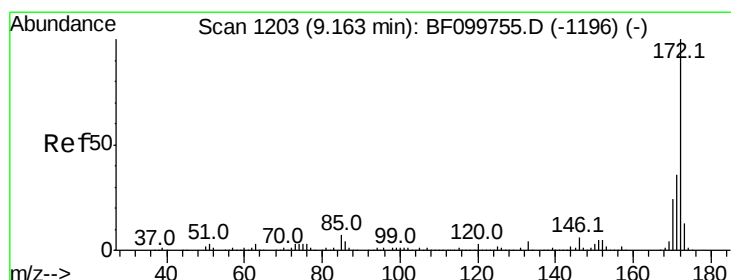
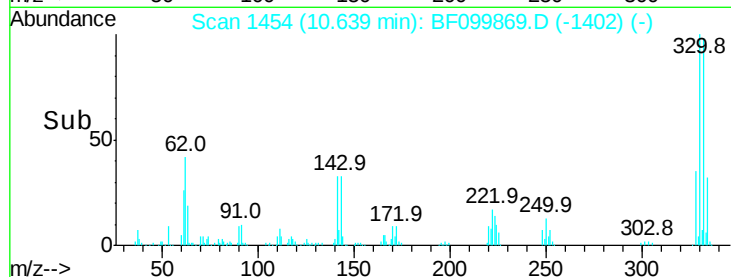
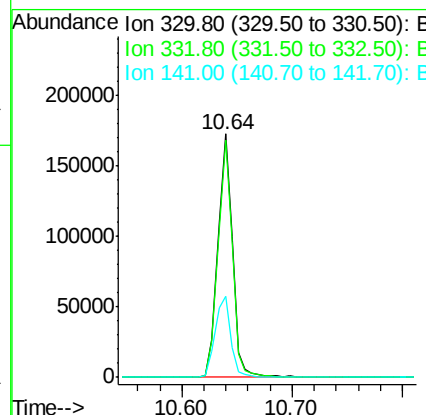
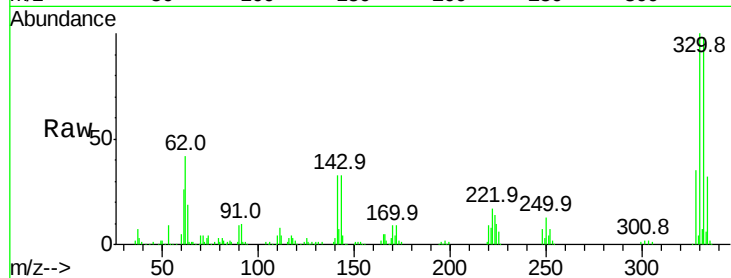




#41
 2,4,6-Tribromophenol
 Concen: 120.716 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF099869.D
 Acq: 26 Oct 2017 19:20

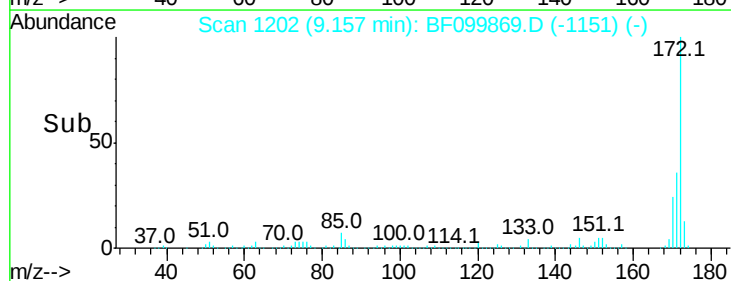
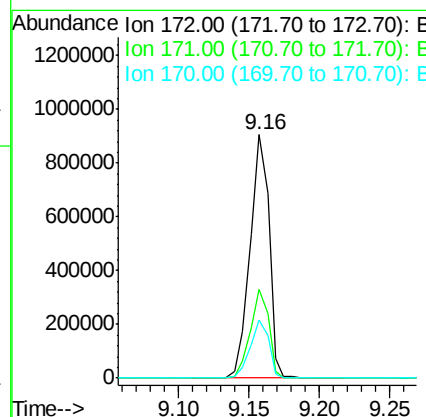
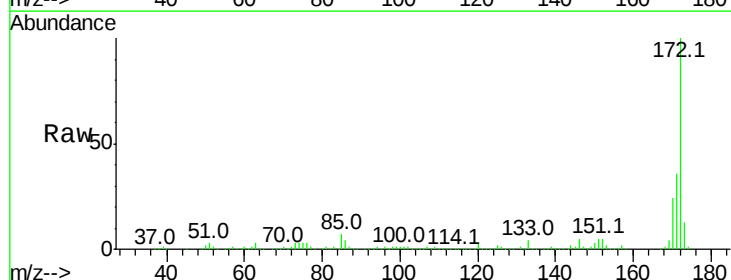
Instrument :
 BNA_F
 ClientSampleId :
 SB-3-20-21

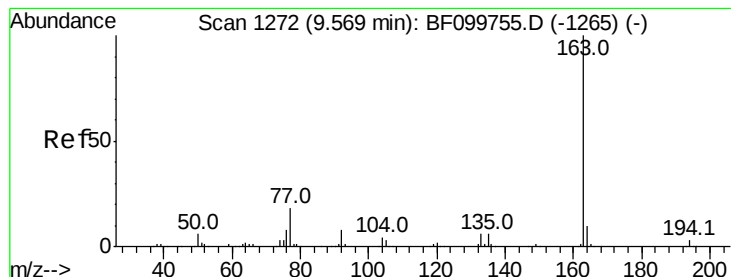
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.9	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 91.787 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099869.D
 Acq: 26 Oct 2017 19:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.8	19.6	29.4





#49

Dimethylphthalate

Concen: 2.189 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF099869.D

Acq: 26 Oct 2017 19:20

Instrument :

BNA_F

ClientSampleId :

SB-3-20-21

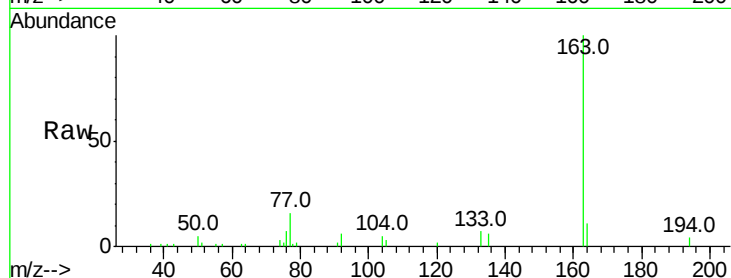
Tot Ion:163 Resp: 24826

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

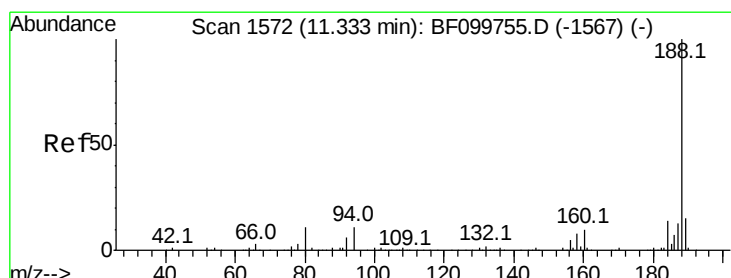
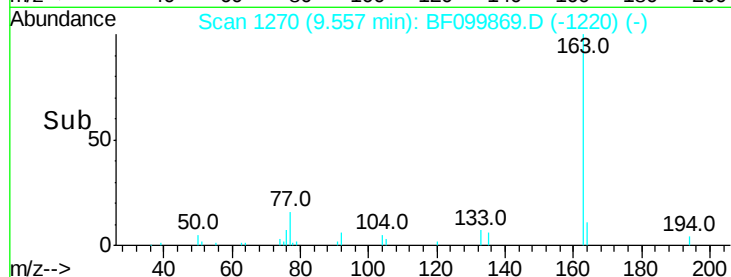
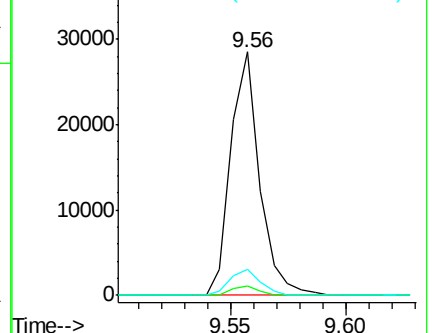
164 10.8 8.2 12.2



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF099869.D

Acq: 26 Oct 2017 19:20

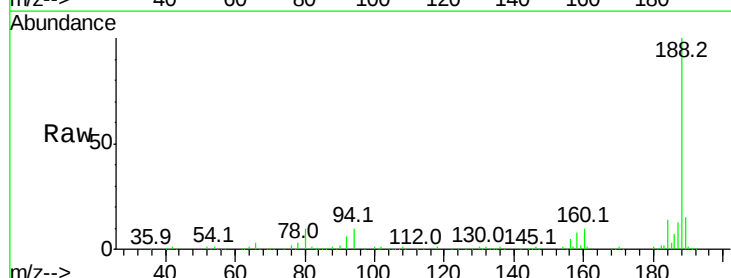
Tgt Ion:188 Resp: 260866

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

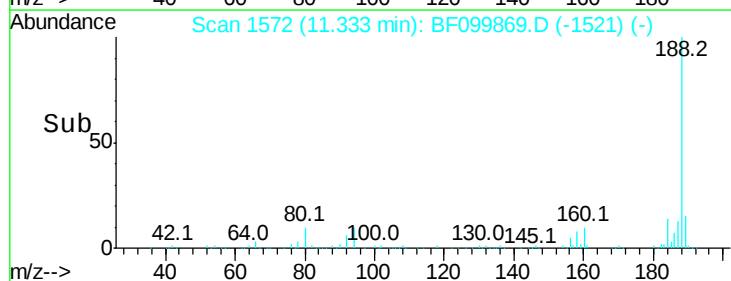
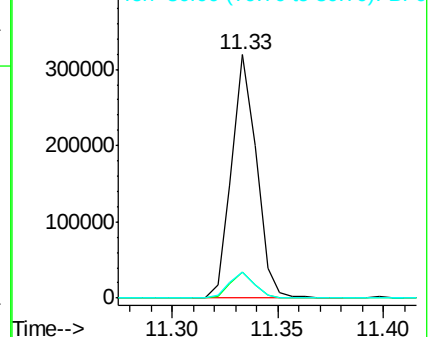
80 10.4 9.2 13.8

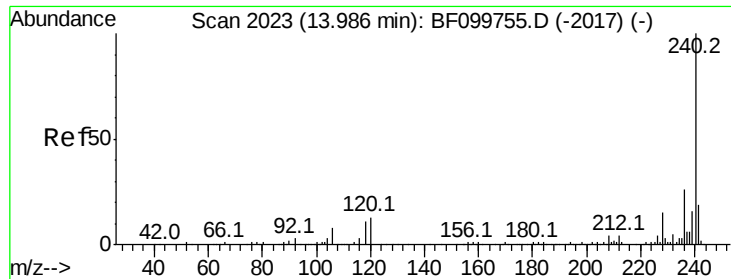


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

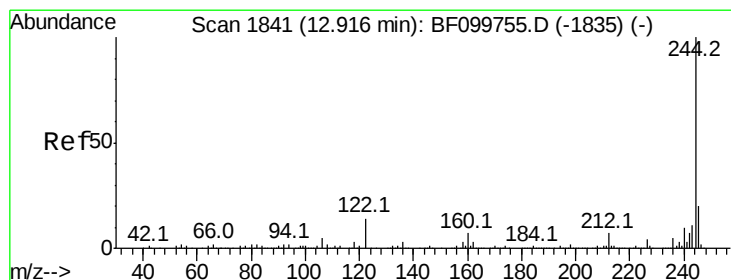
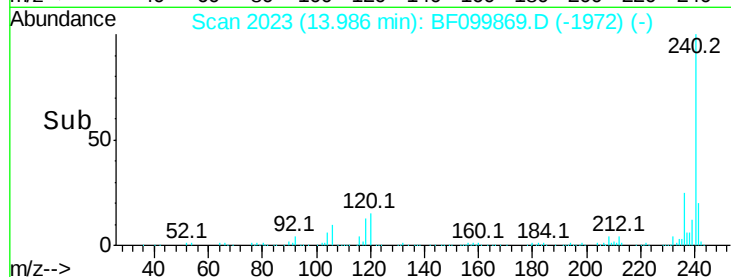
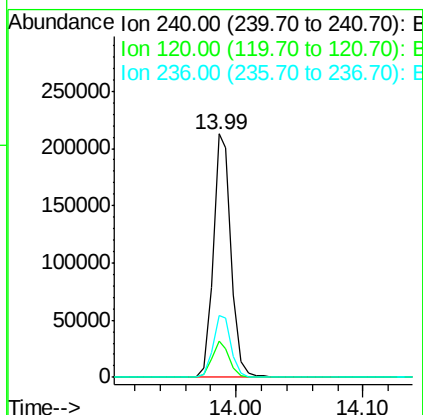
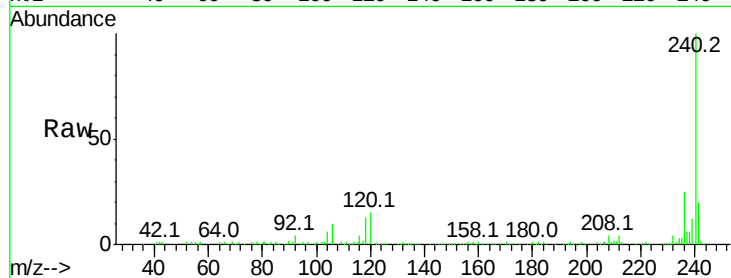




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF099869.D
 Acq: 26 Oct 2017 19:20

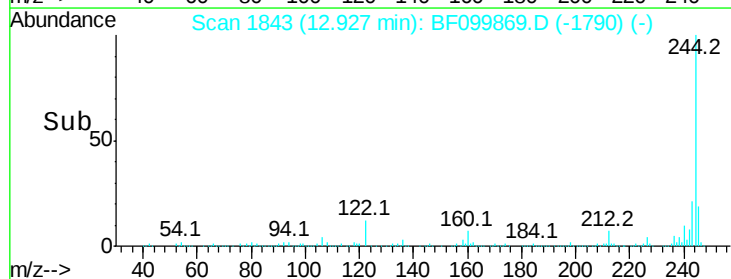
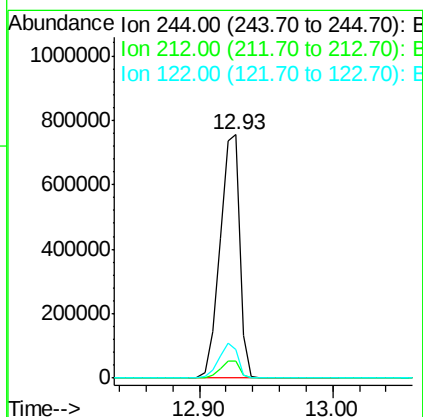
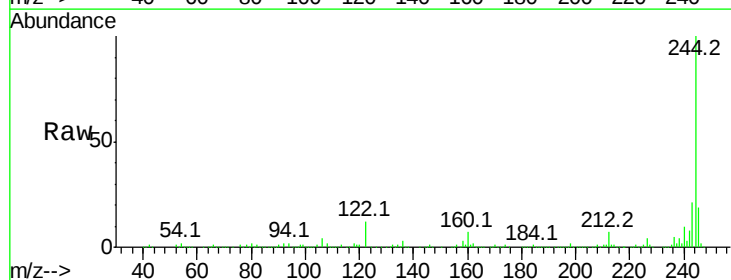
Instrument :
 BNA_F
 ClientSampled :
 SB-3-20-21

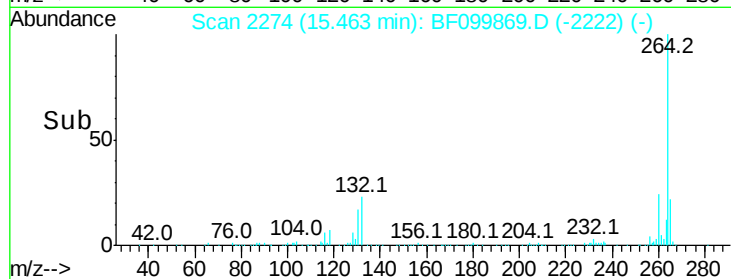
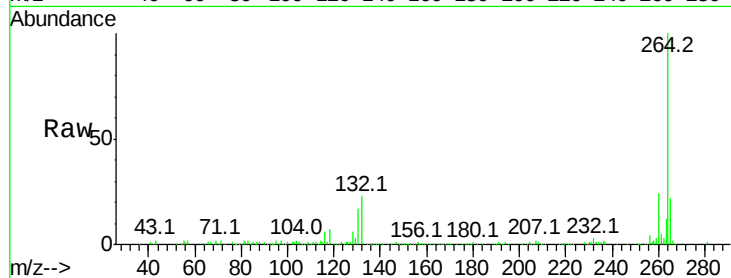
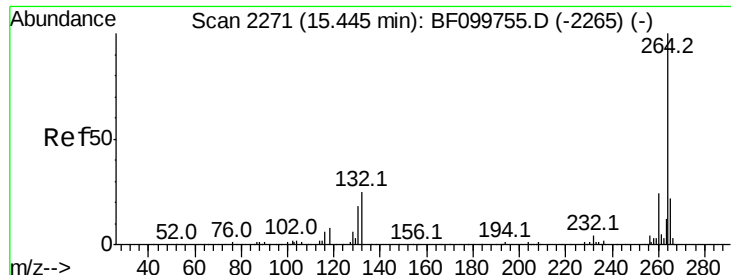
Tot Ion:240 Resp: 210126
 Ion Ratio Lower Upper
 240 100
 120 15.1 9.5 14.3#
 236 25.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 81.949 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF099869.D
 Acq: 26 Oct 2017 19:20

Tgt Ion:244 Resp: 787947
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.5 11.0 16.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF099869.D

Acq: 26 Oct 2017 19:20

Instrument :

BNA_F

ClientSampleId :

SB-3-20-21

Tot Ion:264 Resp: 190789

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.8 17.5 26.3

