

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
 Data File : BF105342.D
 Acq On : 12 May 2018 17:21
 Operator : JU/SJ
 Sample : J2870-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-B

Quant Time: May 14 09:24:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 11 17:15:19 2018
 Response via : Initial Calibration

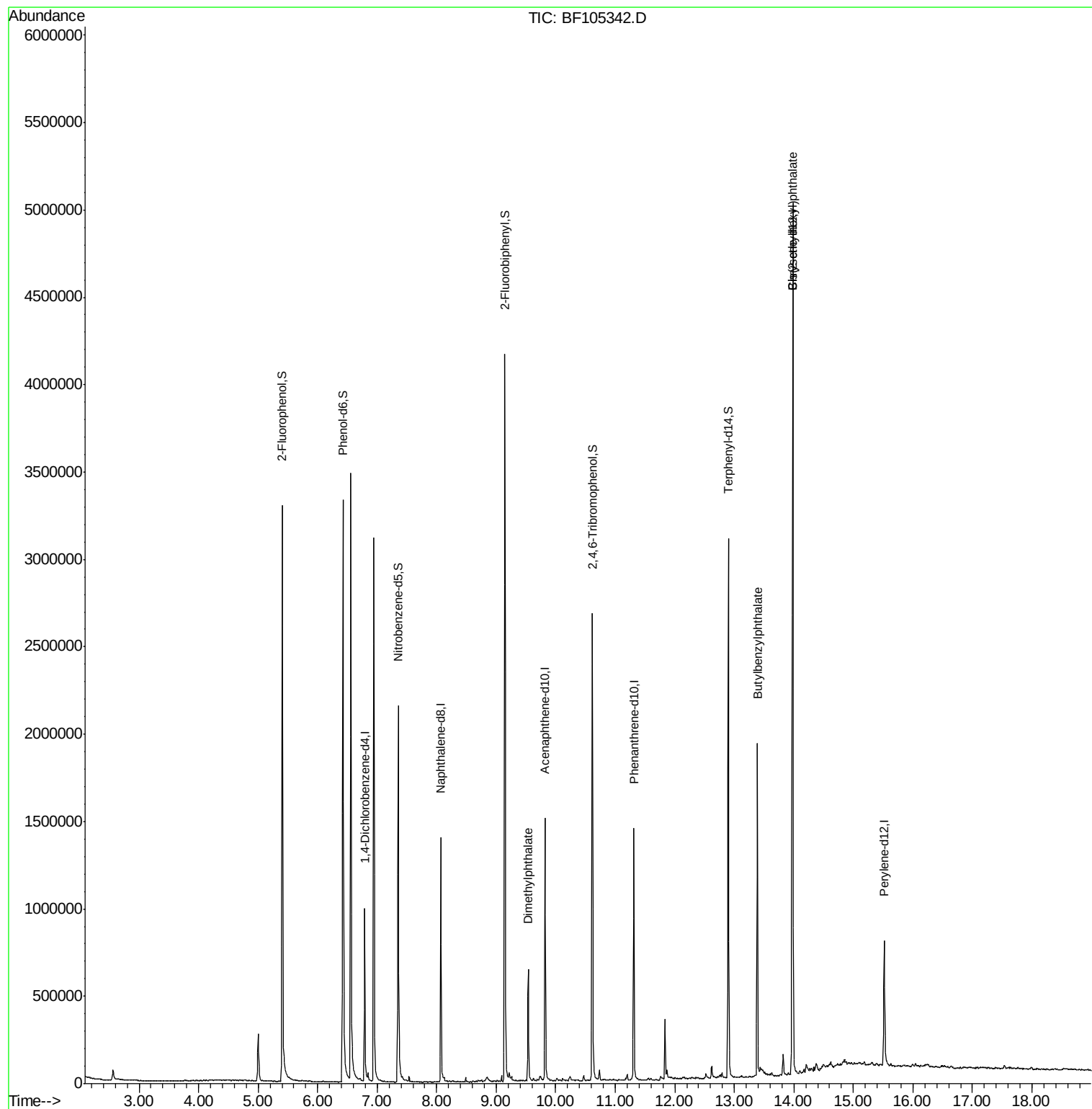
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	153846	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	633179	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	283876	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	511048	20.00	ng	0.00
75) Chrysene-d12	13.99	240	281535	20.00	ng	-0.03
86) Perylene-d12	15.52	264	364069	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1071288	104.73	ng	0.00
7) Phenol-d6	6.43	99	1374449	113.08	ng	0.00
23) Nitrobenzene-d5	7.35	82	880638	80.95	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	397781	108.46	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1358225	68.96	ng	0.00
78) Terphenyl-d14	12.90	244	1205861	92.07	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	242709	11.137	ng	99
79) Butylbenzylphthalate	13.39	149	418643	43.742	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	1495201	129.018	ng	99

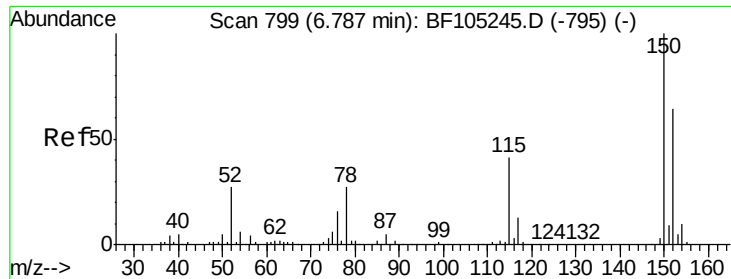
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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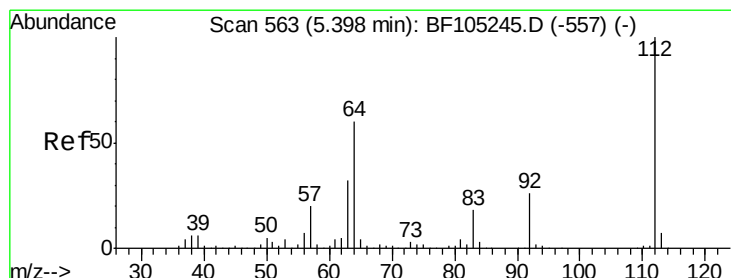
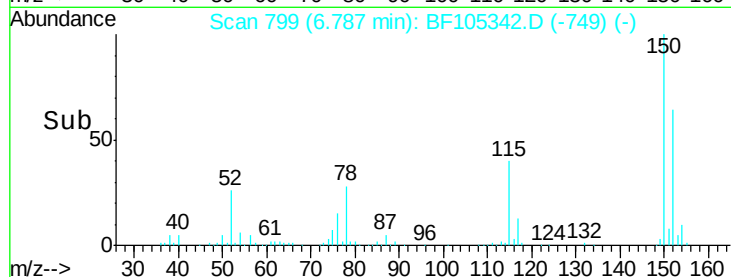
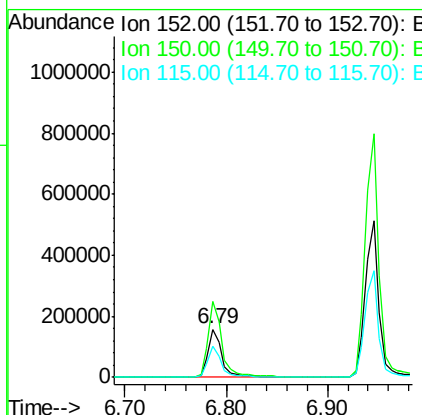
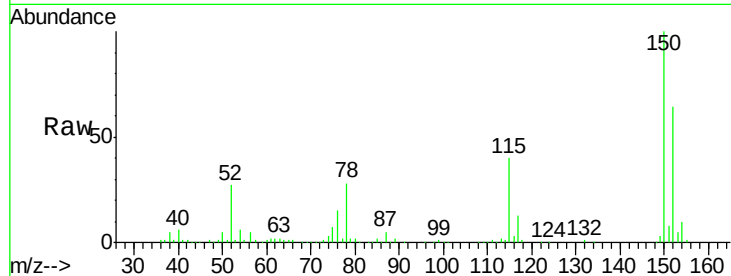


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF105342.D
Acq: 12 May 2018 17:21

Instrument :
BNA_F
ClientSampled :
SP-B

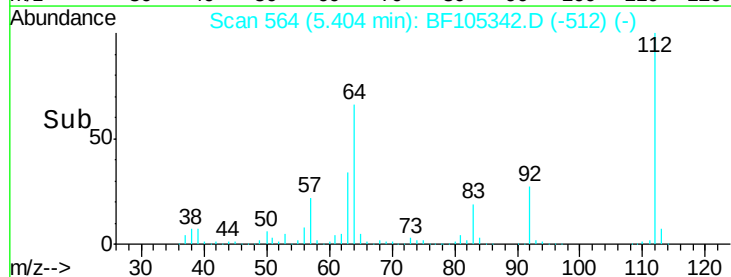
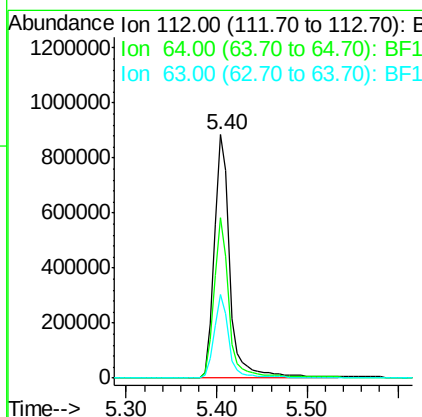
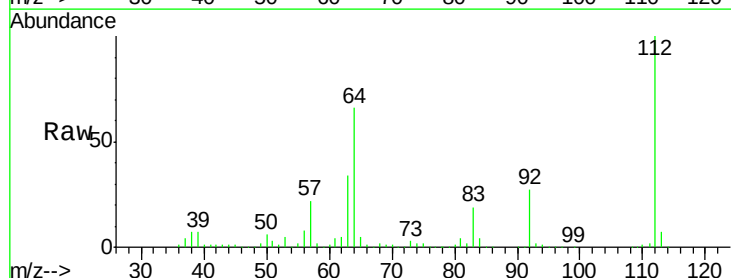
Tot Ion:152 Resp: 153846
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 63.5 50.1 75.1

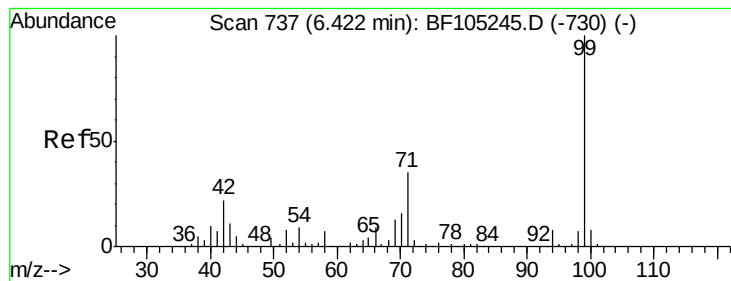


#5

2-Fluorophenol
Concen: 104.731 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF105342.D
Acq: 12 May 2018 17:21

Tgt Ion:112 Resp: 1071288
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 34.2 23.7 35.5





#7

Phenol-d6

Concen: 113.080 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF105342.D

Acq: 12 May 2018 17:21

Instrument :

BNA_F

ClientSampled :

SP-B

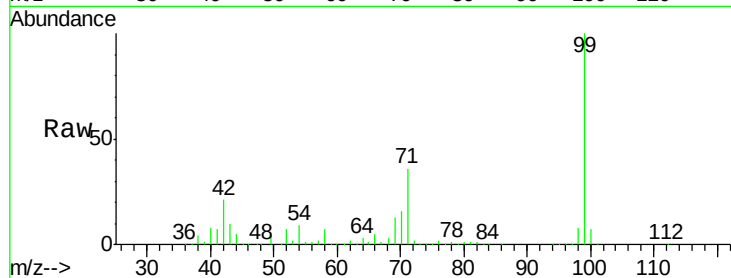
Tot Ion: 99 Resp: 1374449

Ion Ratio Lower Upper

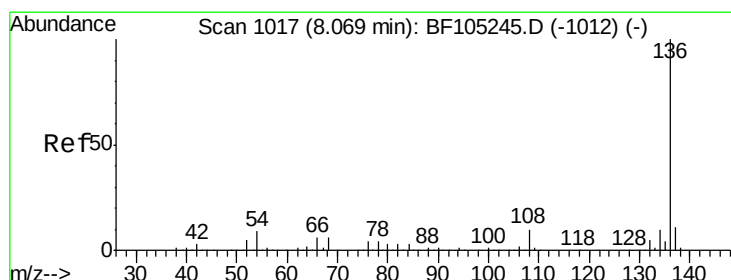
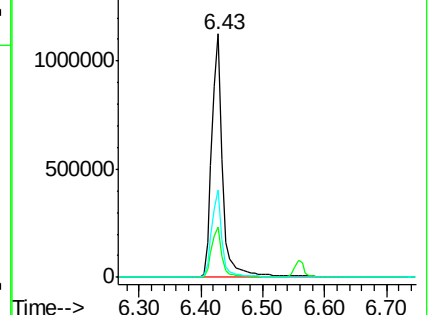
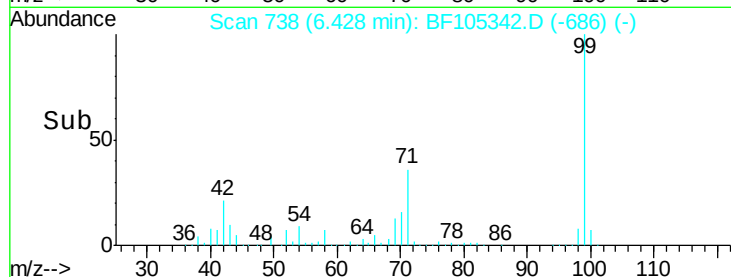
99 100

42 20.9 14.5 21.7

71 35.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF105342.D

Acq: 12 May 2018 17:21

Tgt Ion: 136 Resp: 633179

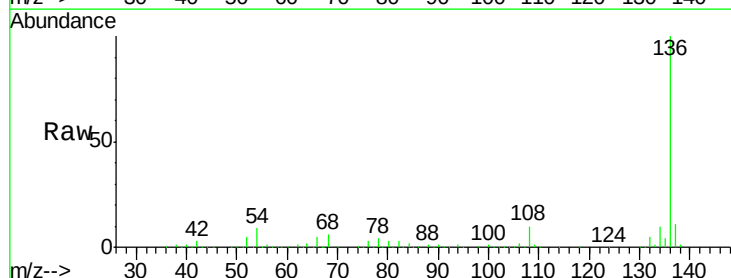
Ion Ratio Lower Upper

136 100

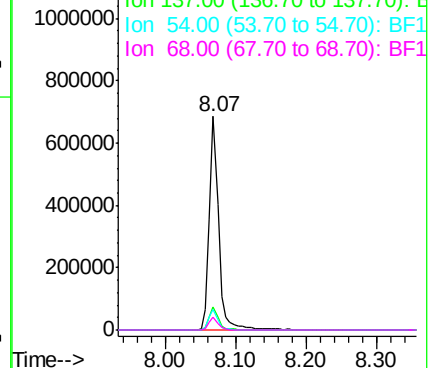
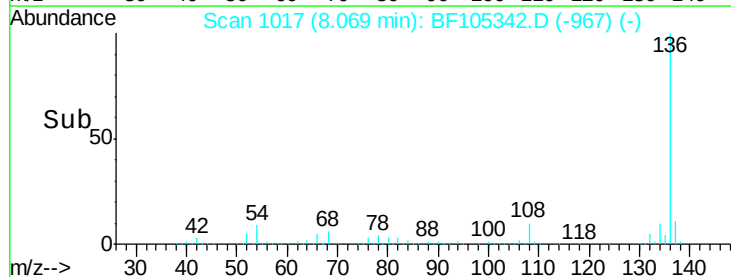
137 10.8 8.9 13.3

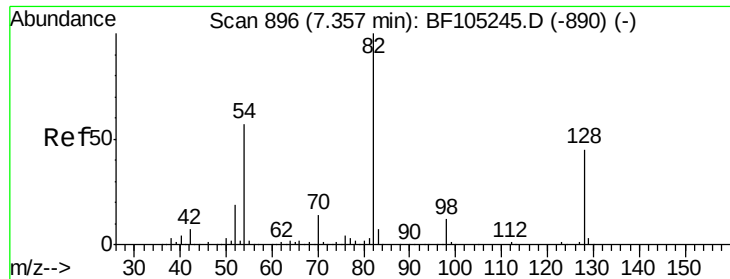
54 9.4 6.6 9.8

68 6.0 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

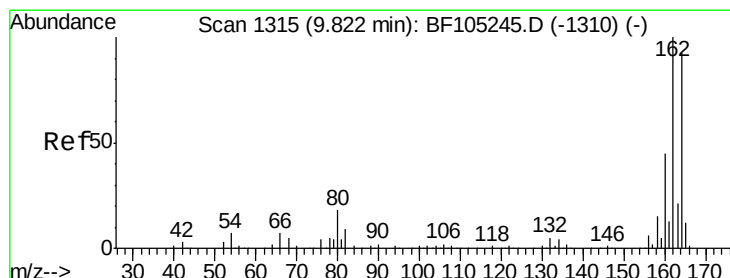
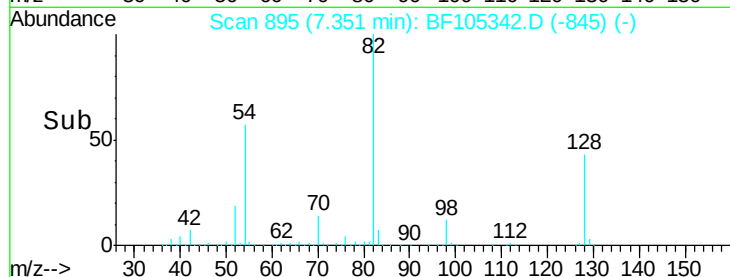
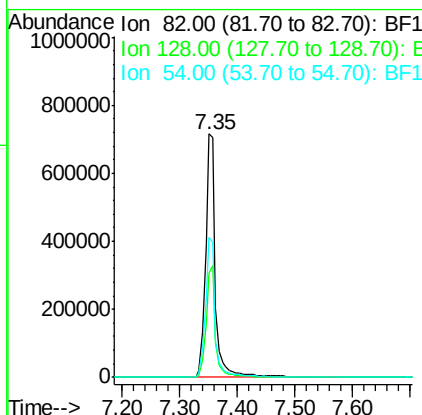
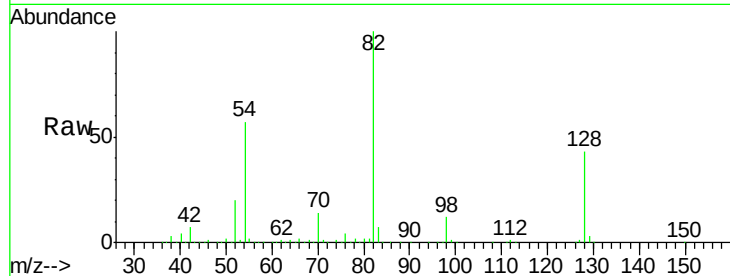




#23
Nitrobenzene-d5
Concen: 80.948 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF105342.D
Acq: 12 May 2018 17:21

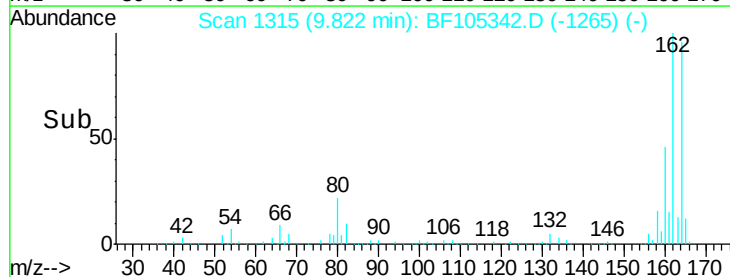
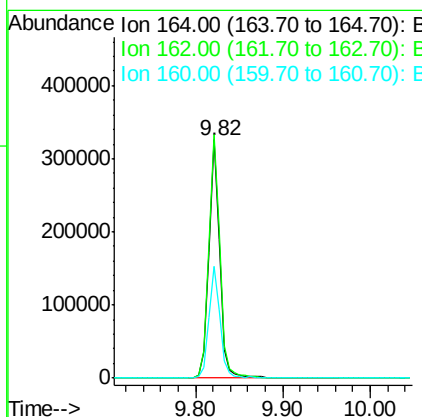
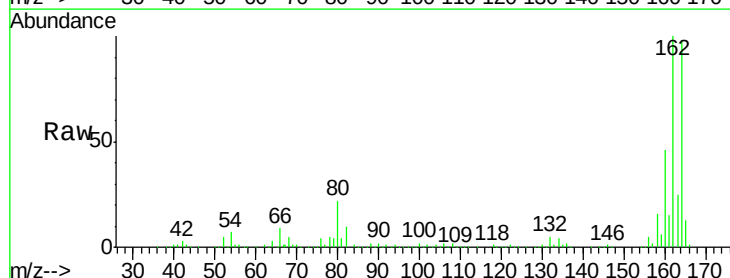
Instrument :
BNA_F
ClientSampled :
SP-B

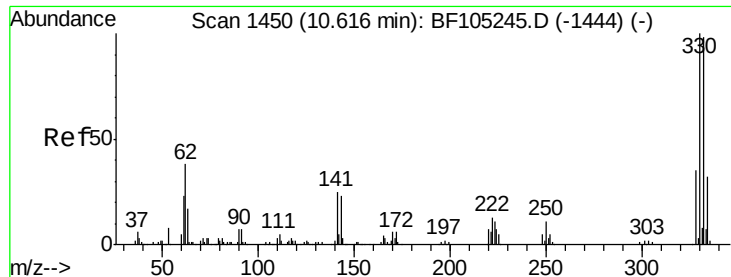
Tot Ion	82	Resp	880638
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.1	54.1
54	57.4	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105342.D
Acq: 12 May 2018 17:21

Tgt Ion	164	Resp	283876
Ion Ratio	Lower	Upper	
164	100		
162	102.2	86.1	129.1
160	46.9	38.3	57.5

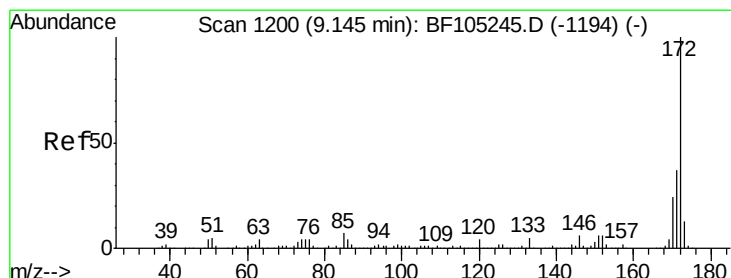
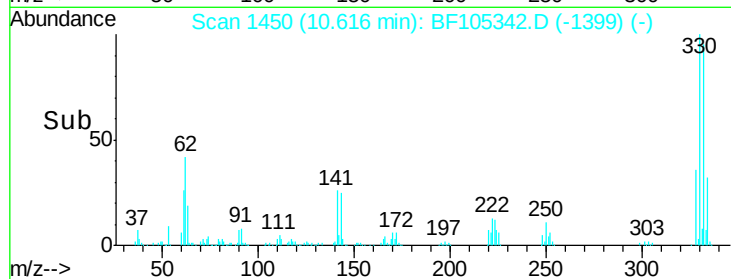
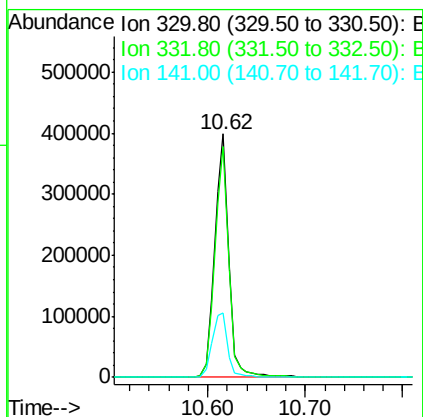
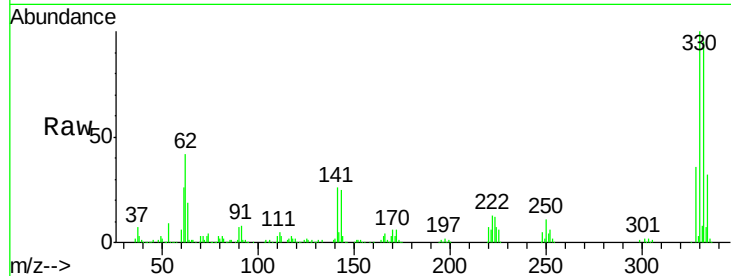




#41
 2,4,6-Tribromophenol
 Concen: 108.459 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF105342.D
 Acq: 12 May 2018 17:21

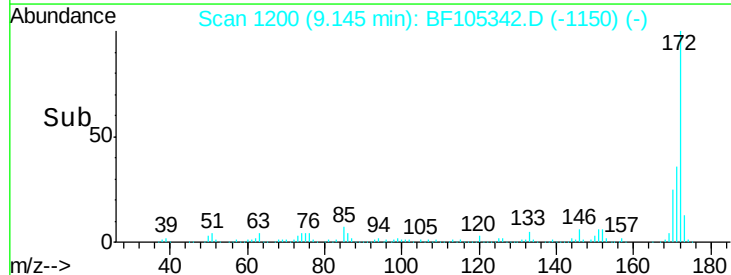
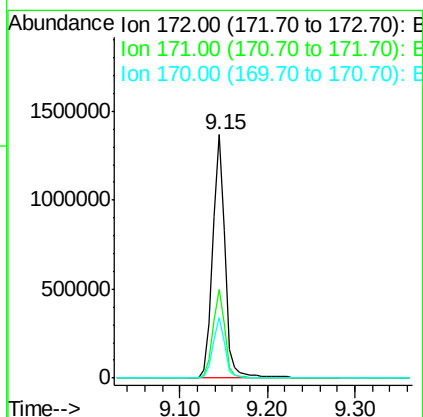
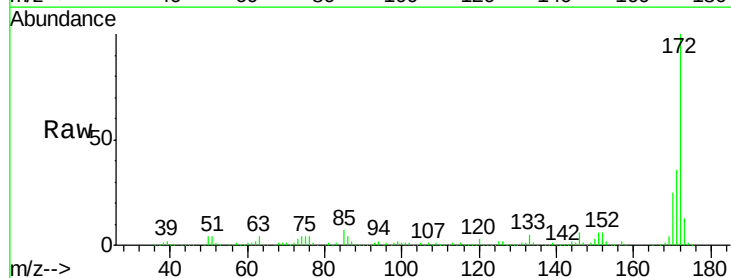
Instrument :
 BNA_F
 ClientSampled :
 SP-B

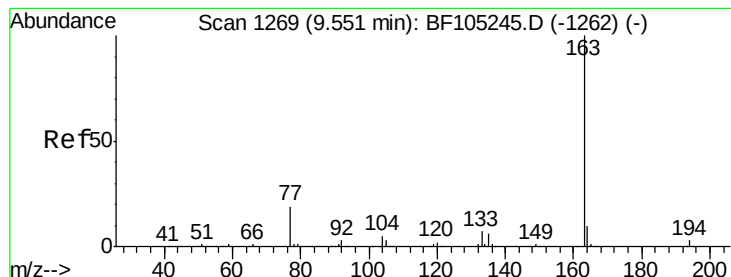
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	29.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 68.960 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105342.D
 Acq: 12 May 2018 17:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.7	19.6	29.4





#49

Dimethylphthalate

Concen: 11.137 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF105342.D

Acq: 12 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SP-B

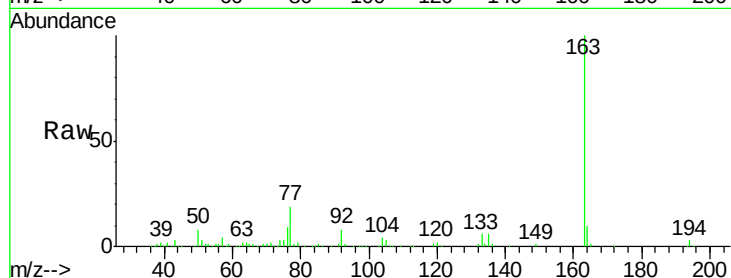
Tot Ion:163 Resp: 242709

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

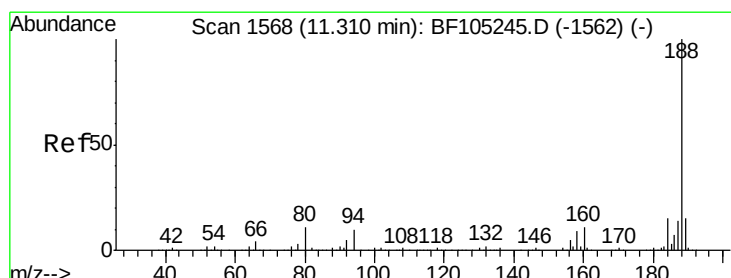
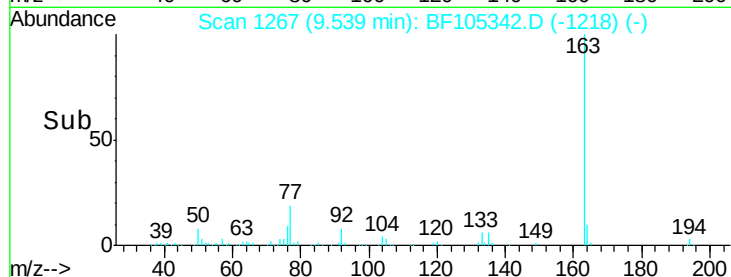
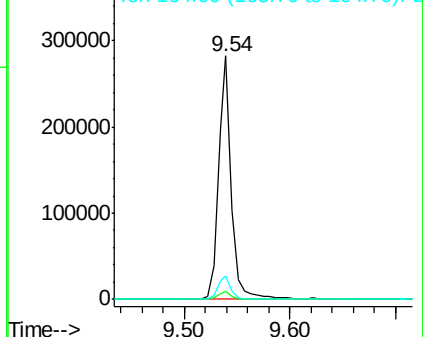
164 9.5 8.2 12.2



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: 11.31 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF105342.D

Acq: 12 May 2018 17:21

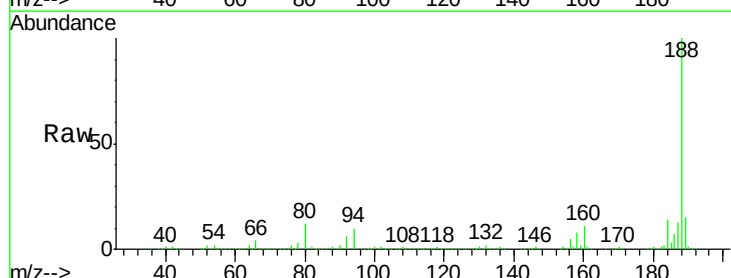
Tgt Ion:188 Resp: 511048

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

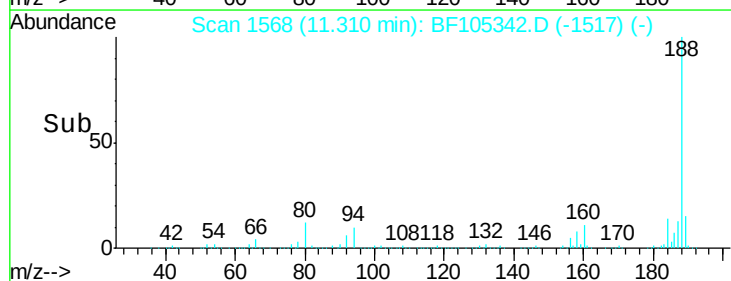
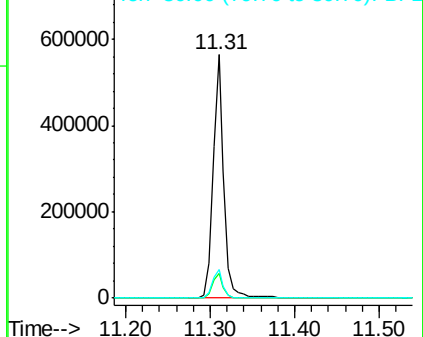
80 11.7 9.2 13.8

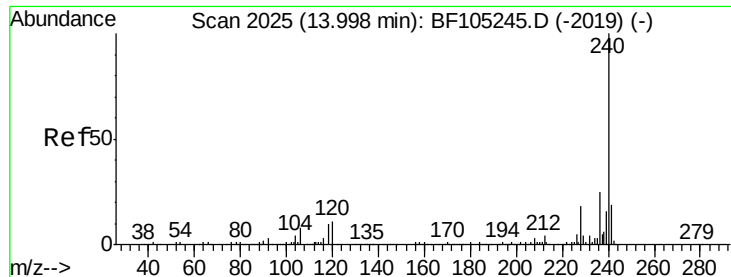


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.03 min

Lab File: BF105342.D

Acq: 12 May 2018 17:21

Instrument :

BNA_F

ClientSampleId :

SP-B

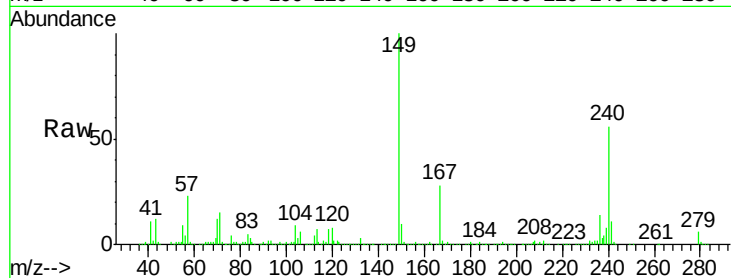
Tot Ion:240 Resp: 281535

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

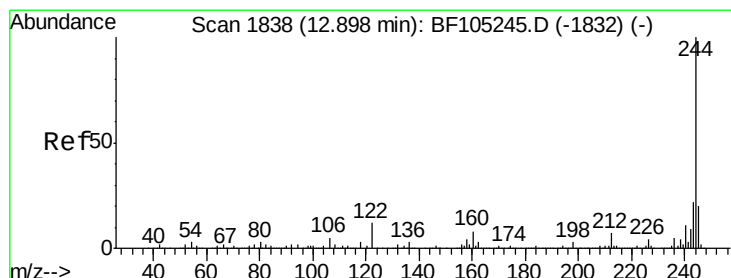
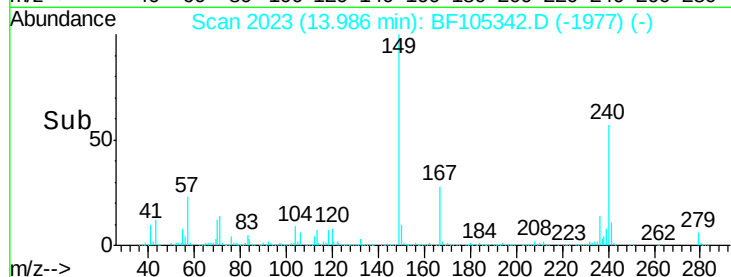
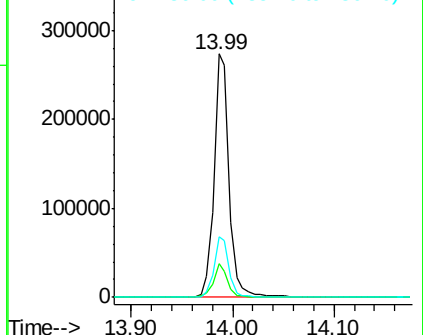
236 25.1 20.7 31.1



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: 92.074 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF105342.D

Acq: 12 May 2018 17:21

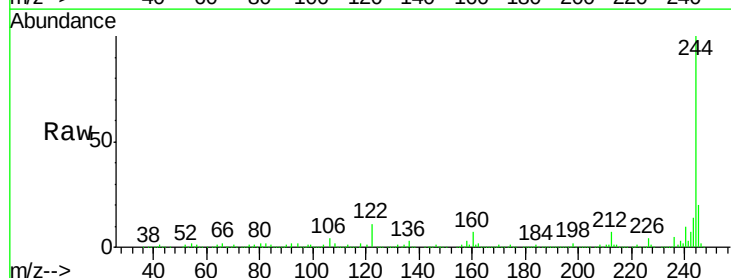
Tgt Ion:244 Resp: 1205861

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

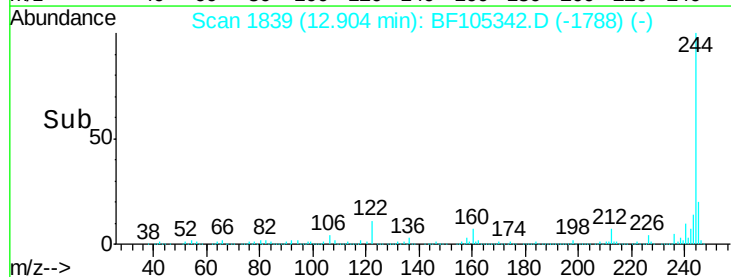
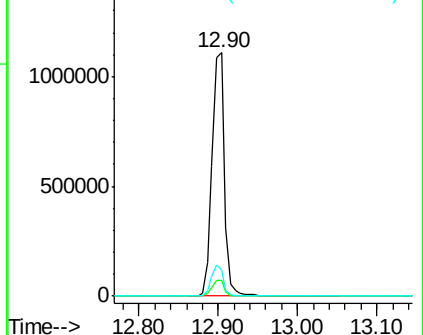
122 10.9 11.0 16.4#

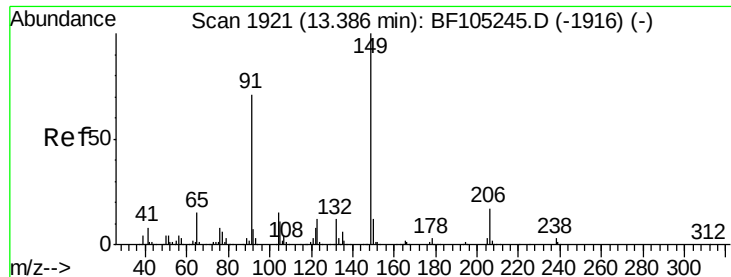


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

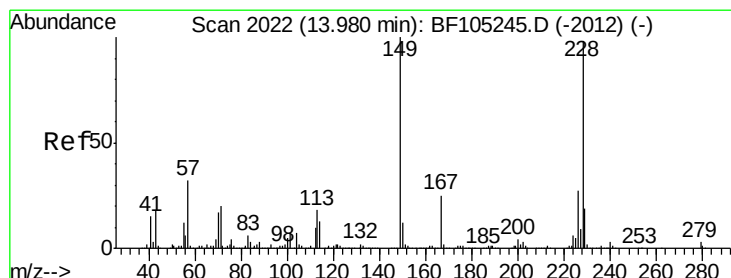
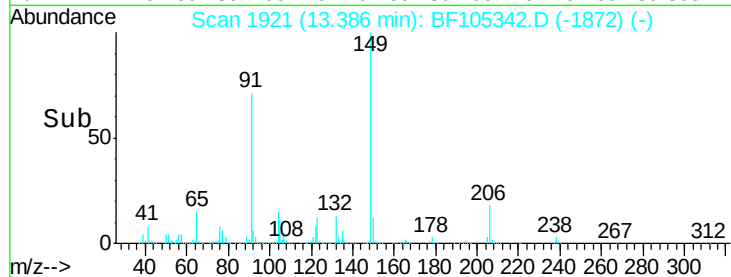
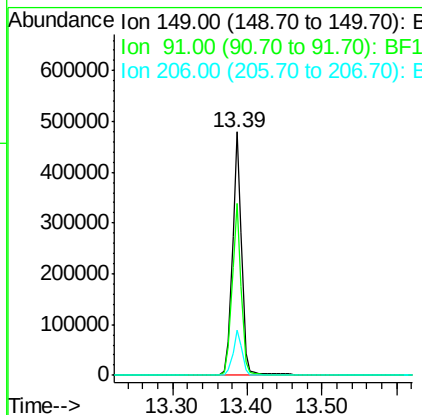
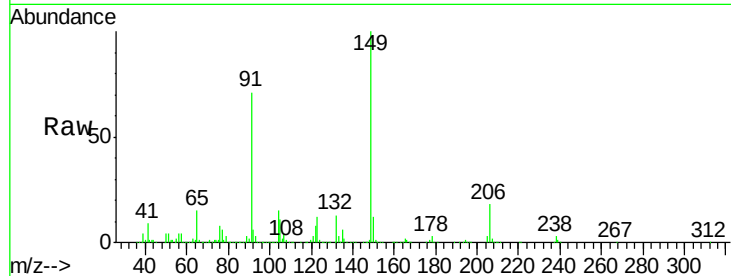




#79
 Butylbenzylphthalate
 Concen: 43.742 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF105342.D
 Acq: 12 May 2018 17:21

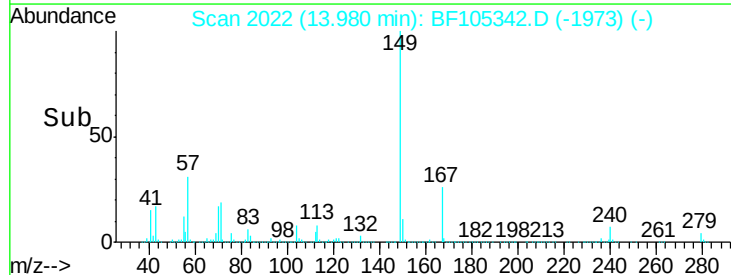
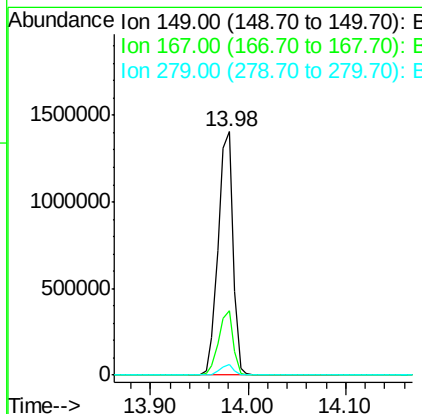
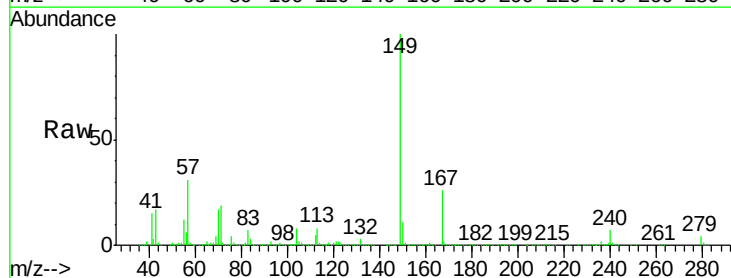
Instrument :
 BNA_F
 ClientSampleId :
 SP-B

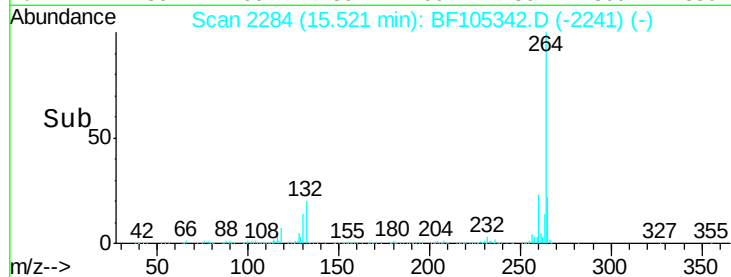
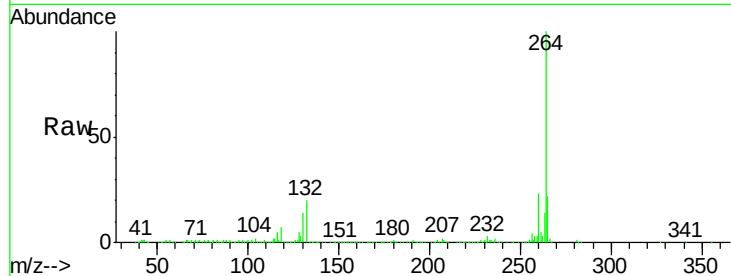
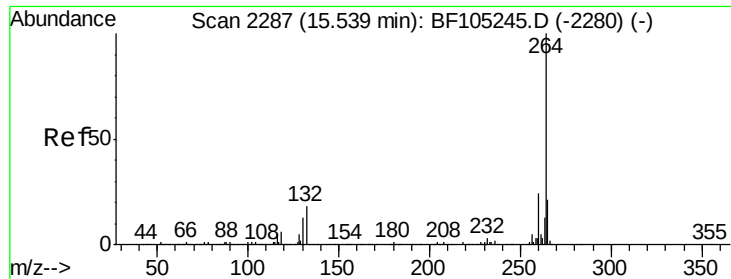
Tot Ion:	149	Resp:	418643
Ion	Ratio	Lower	Upper
149	100		
91	70.8	56.8	85.2
206	18.3	14.1	21.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 129.018 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF105342.D
 Acq: 12 May 2018 17:21

Tgt Ion:	149	Resp:	1495201
Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	4.4	3.0	4.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.05 min
Lab File: BF105342.D
Acq: 12 May 2018 17:21

Instrument :
BNA_F
ClientSampleId :
SP-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.0	17.5	26.3

