

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099947.D
 Acq On : 29 Oct 2017 6:59
 Operator : SJ/JU
 Sample : I6100-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102317-TIDO-F-D-S

Quant Time: Oct 30 05:32:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

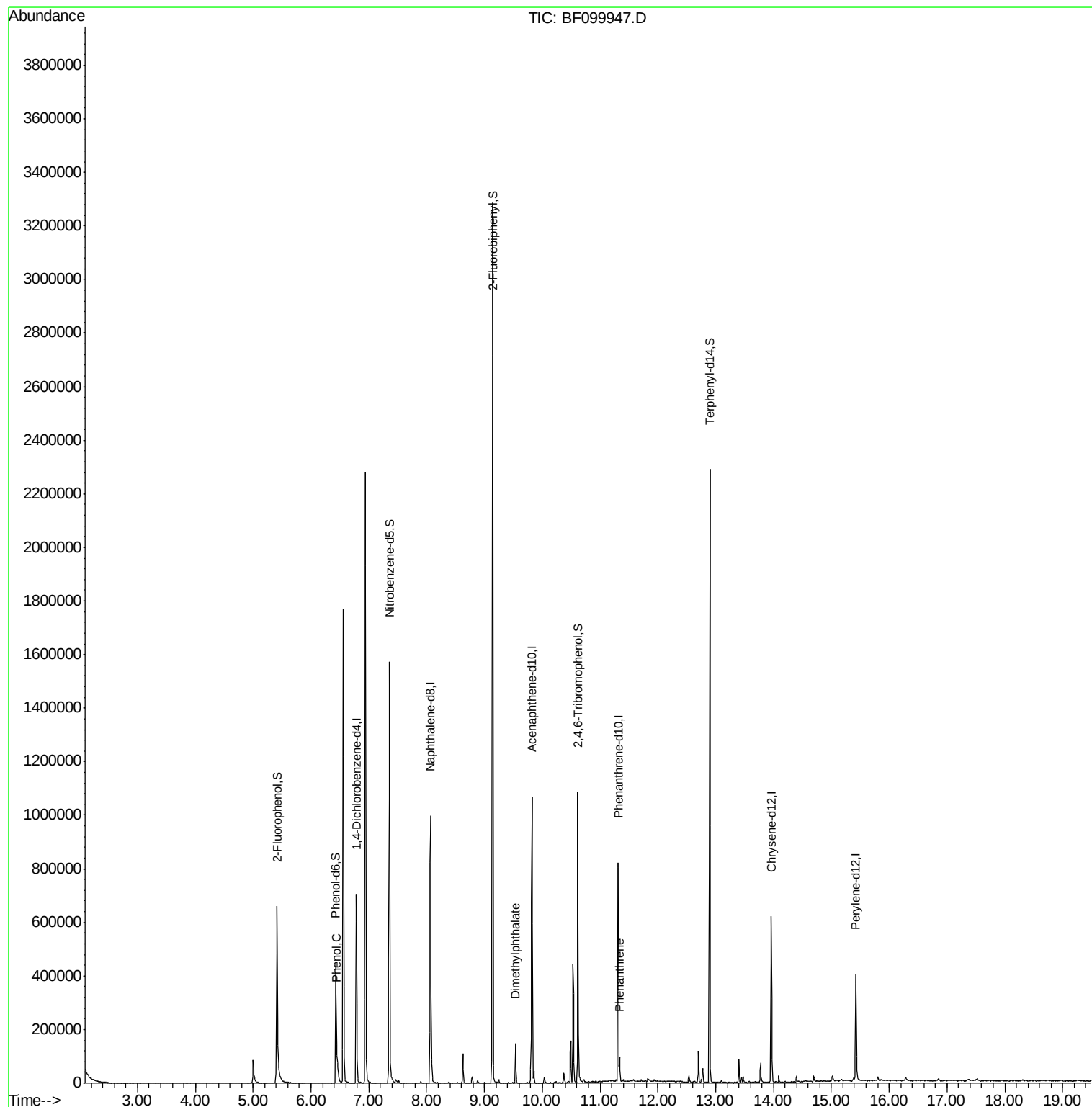
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121385	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	487396	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	210994	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	314532	20.00	ng	-0.02
75) Chrysene-d12	13.96	240	208385	20.00	ng	-0.03
86) Perylene-d12	15.42	264	197007	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	295939	38.28	ng	0.00
7) Phenol-d6	6.43	99	217632	23.74	ng	-0.01
23) Nitrobenzene-d5	7.36	82	634135	83.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	133425	69.39	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1213850	88.76	ng	-0.01
78) Terphenyl-d14	12.90	244	789719	82.82	ng	-0.02
Target Compounds						
10) Phenol	6.45	94	25002	2.484	ng	89
49) Dimethylphthalate	9.54	163	62402	3.735	ng	100
70) Phenanthrene	11.34	178	36551	2.059	ng	97

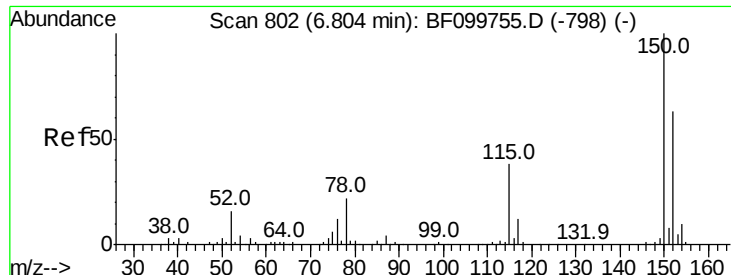
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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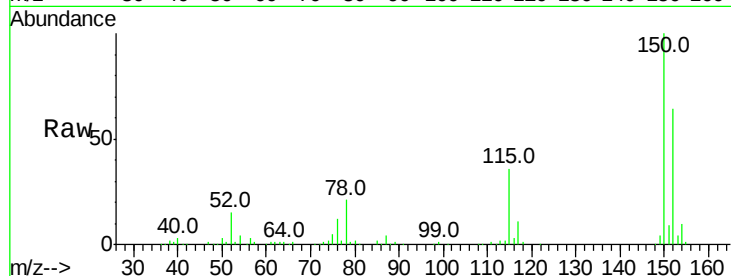


#1

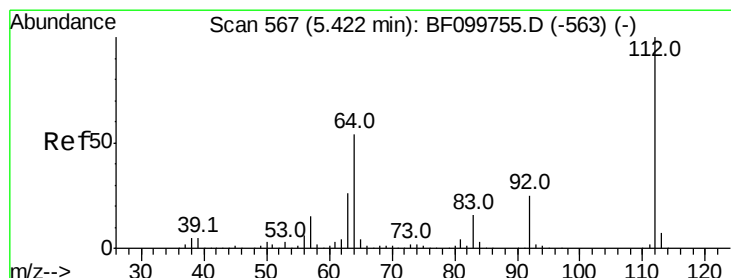
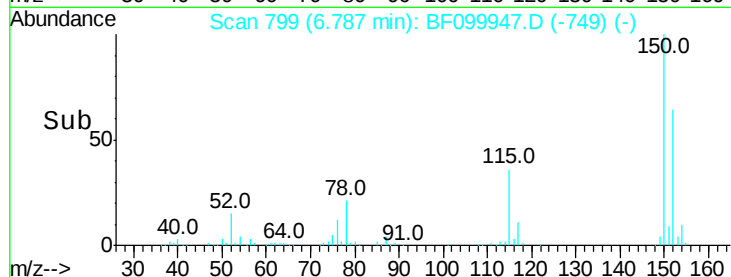
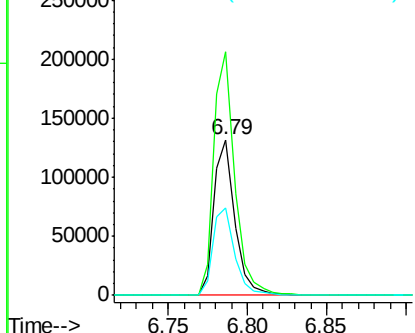
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Instrument :
BNA_F
ClientSampleId :
102317-TIDO-F-D-S

Tot Ion:152 Resp: 121385
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 56.6 50.1 75.1



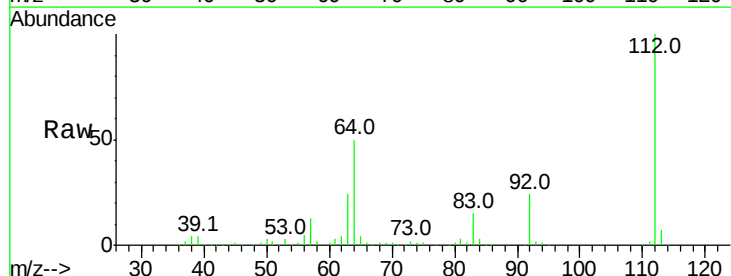
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



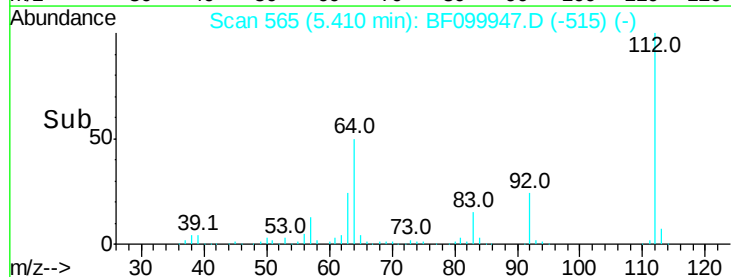
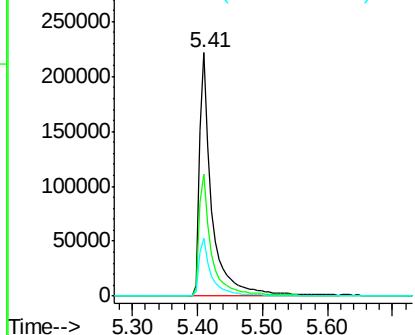
#5

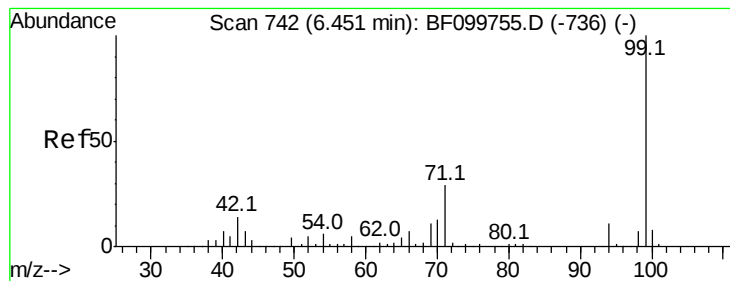
2-Fluorophenol
Concen: 38.276 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion:112 Resp: 295939
Ion Ratio Lower Upper
112 100
64 49.9 47.9 71.9
63 23.9 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: 23.739 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099947.D

Acq: 29 Oct 2017 6:59

Instrument :

BNA_F

ClientSampleId :

102317-TIDO-F-D-S

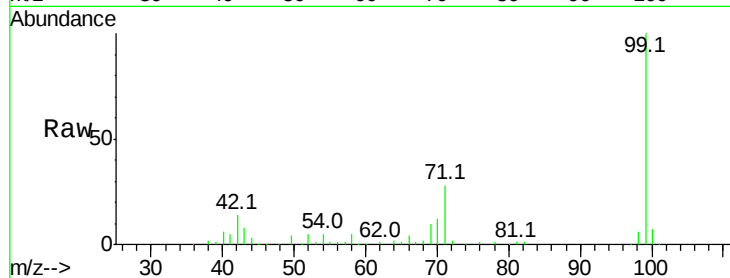
Tot Ion: 99 Resp: 217632

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

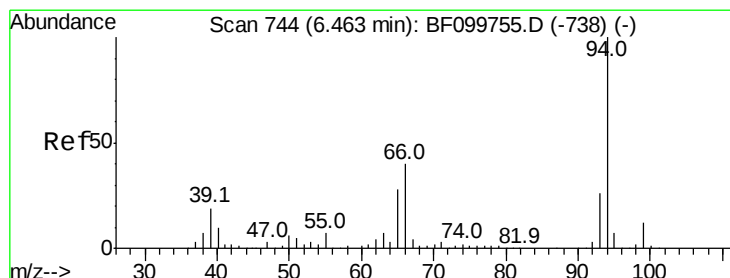
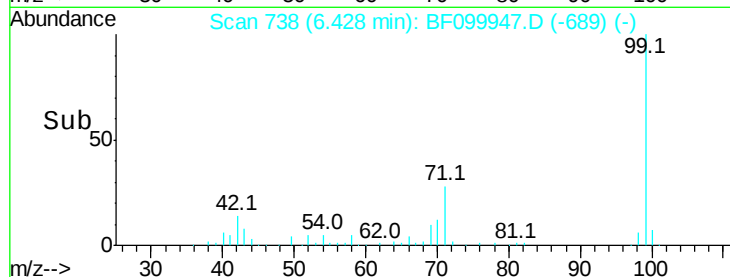
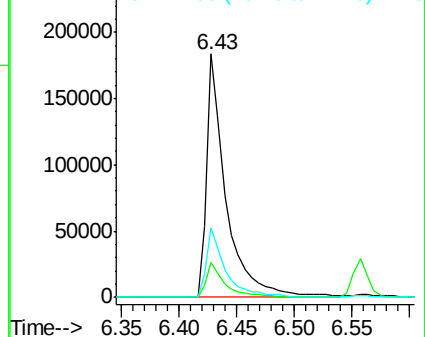
71 28.4 25.4 38.0



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



#10

Phenol

Concen: 2.484 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF099947.D

Acq: 29 Oct 2017 6:59

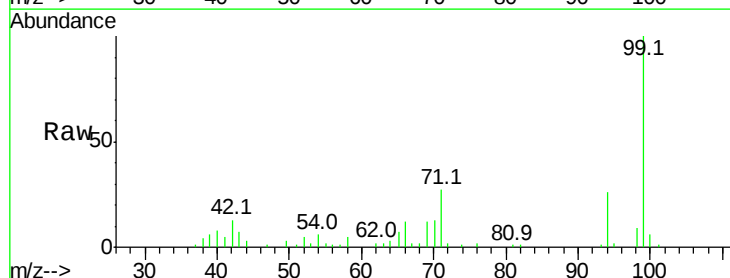
Tgt Ion: 94 Resp: 25002

Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

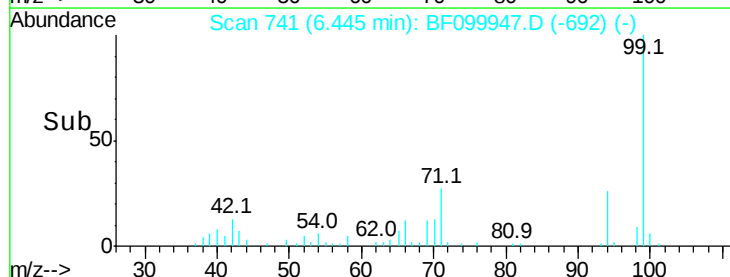
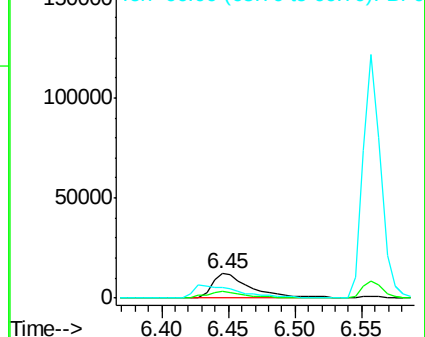
66 45.3 16.2 56.2

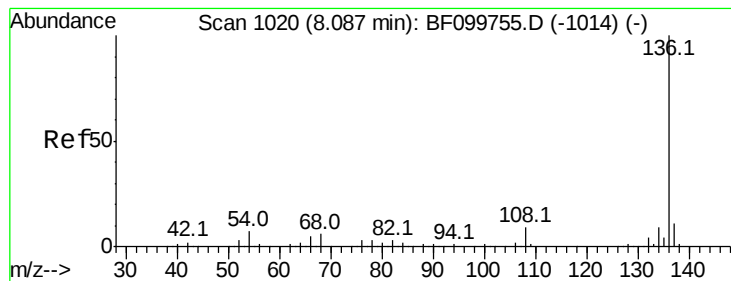


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099947.D

Acq: 29 Oct 2017 6:59

Instrument :

BNA_F

ClientSampleId :

102317-TIDO-F-D-S

Tot Ion:136 Resp: 487396

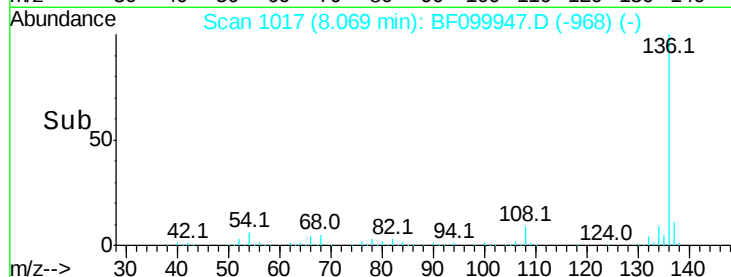
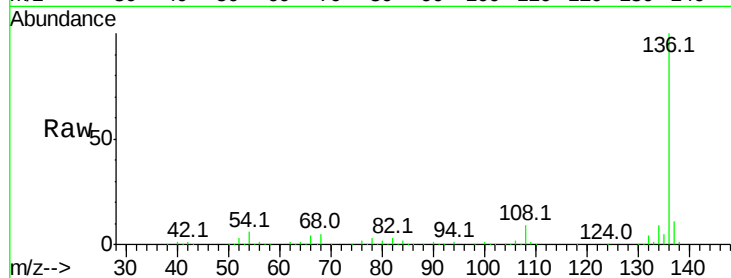
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.1 6.6 9.8#

68 5.3 5.0 7.4

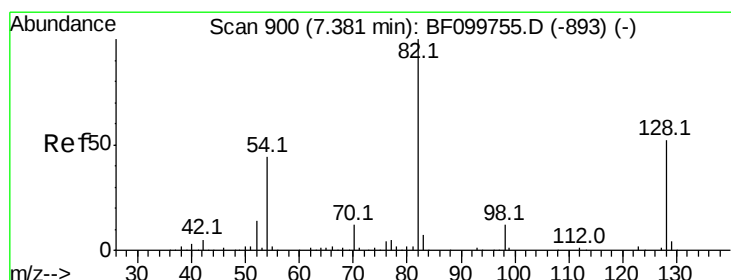
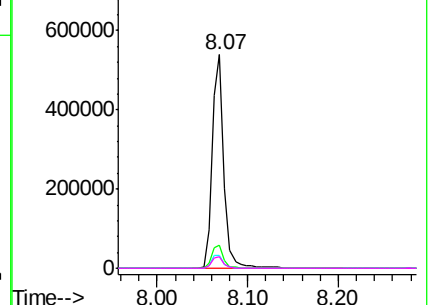


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 83.763 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF099947.D

Acq: 29 Oct 2017 6:59

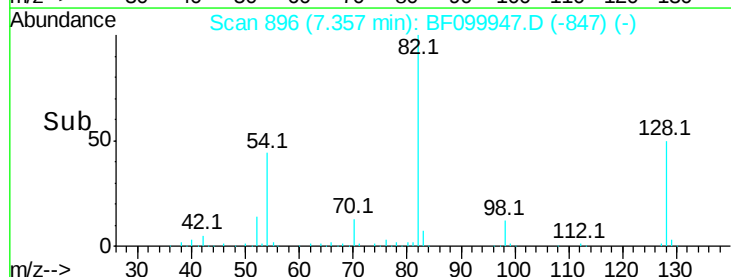
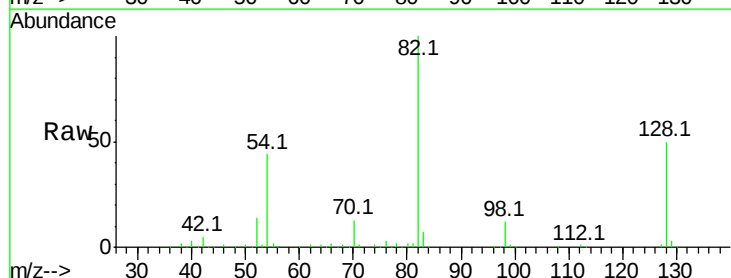
Tgt Ion: 82 Resp: 634135

Ion Ratio Lower Upper

82 100

128 50.2 36.1 54.1

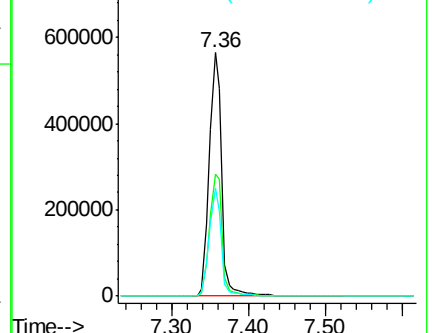
54 44.3 41.4 62.2

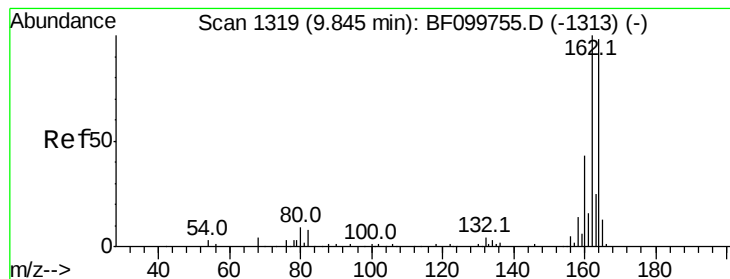


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF099947.D

Acq: 29 Oct 2017 6:59

Instrument :

BNA_F

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102317-TIDO-F-D-S

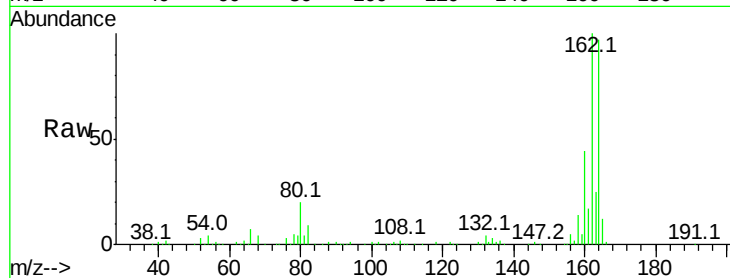
Tot Ion:164 Resp: 210994

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

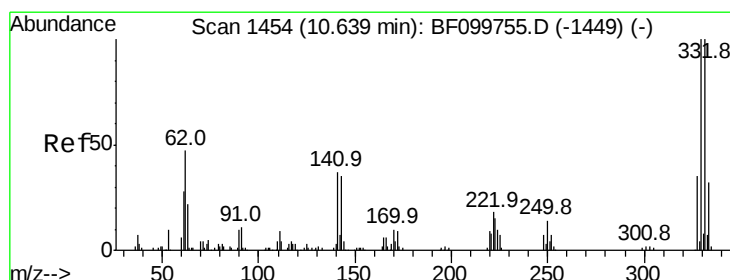
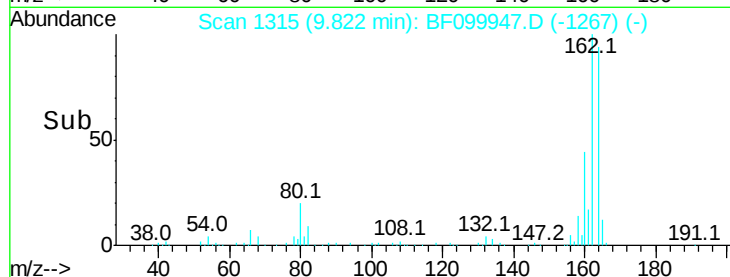
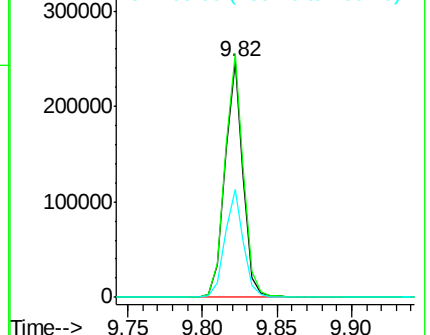
160 46.0 38.3 57.5



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: 69.390 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF099947.D

Acq: 29 Oct 2017 6:59

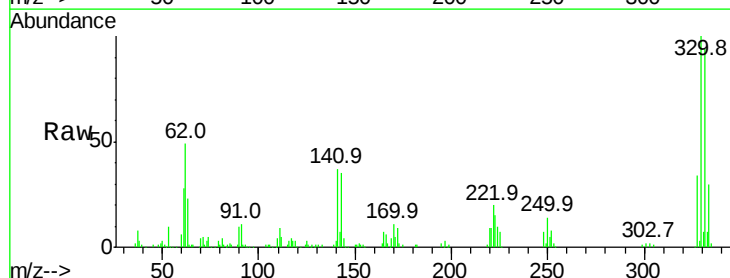
Tgt Ion:330 Resp: 133425

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

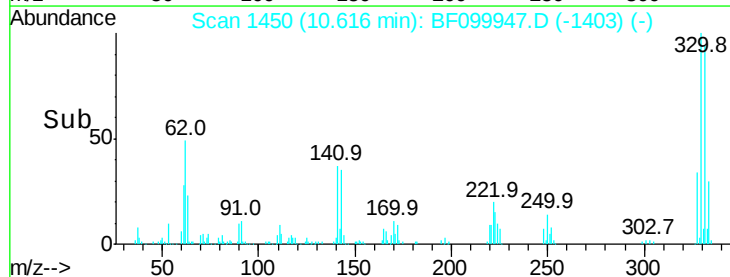
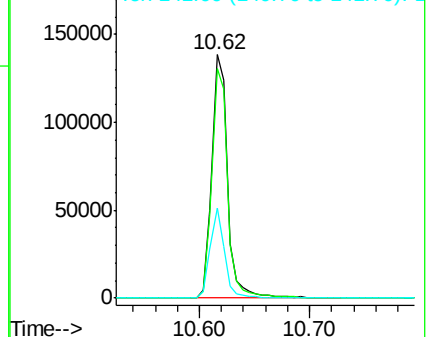
141 33.8 29.9 44.9

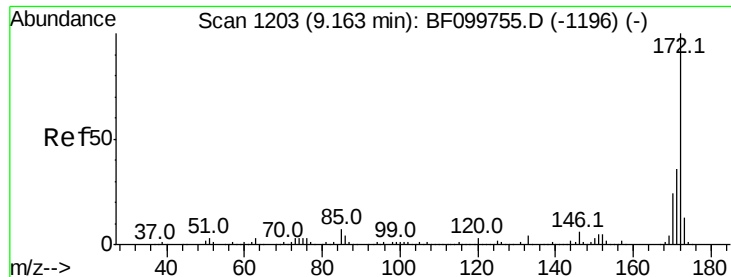


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



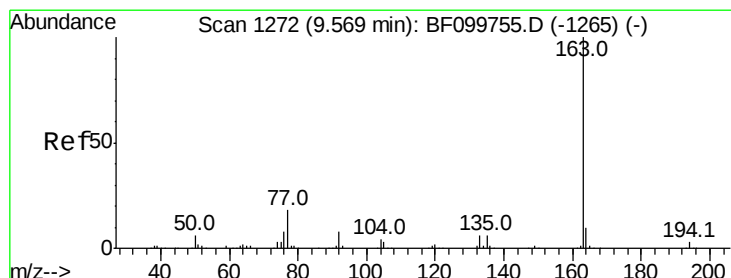
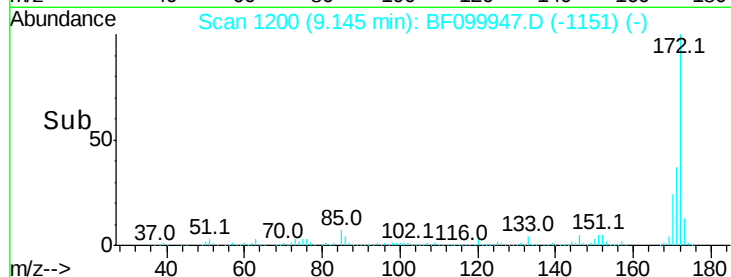
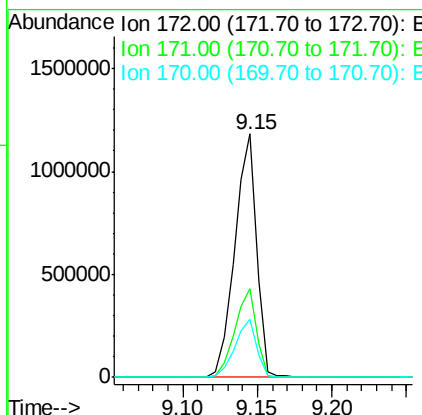
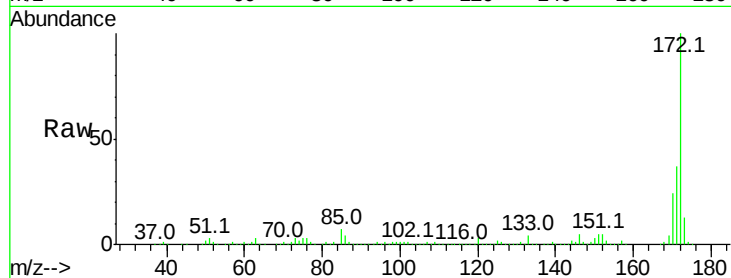


#44
 2-Fluorobiphenyl
 Concen: 88.760 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099947.D
 Acq: 29 Oct 2017 6:59

Instrument :
 BNA_F
 ClientSampleId :
 102317-TIDO-F-D-S

Tot Ion:172 Resp: 1213850

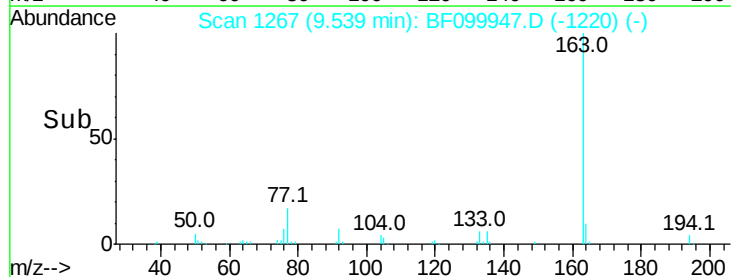
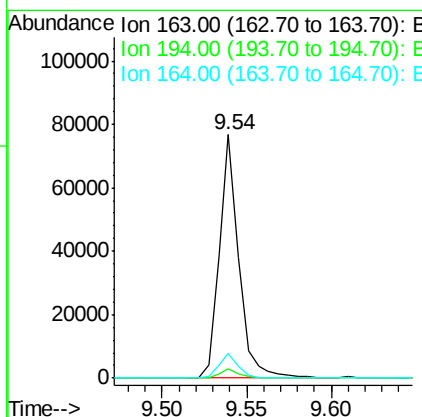
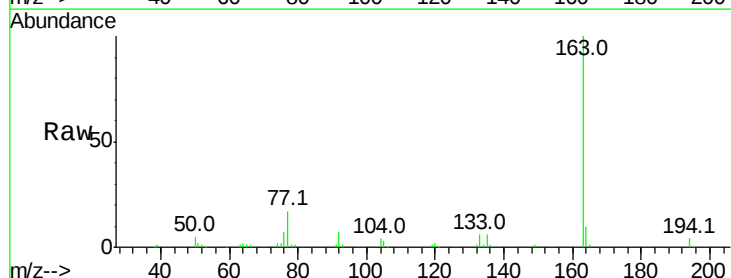
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	19.6	29.4

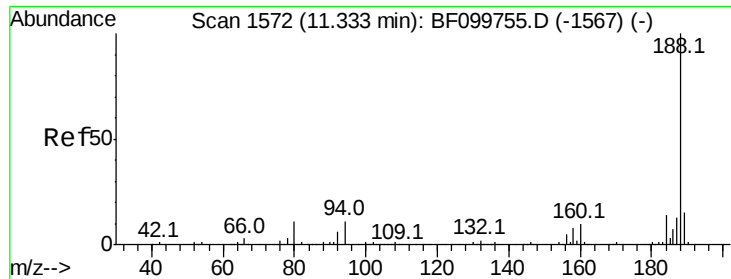


#49
 Dimethylphthalate
 Concen: 3.735 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF099947.D
 Acq: 29 Oct 2017 6:59

Tgt Ion:163 Resp: 62402

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.3	8.2	12.2

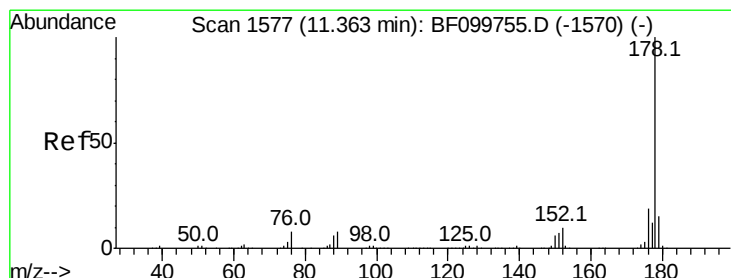
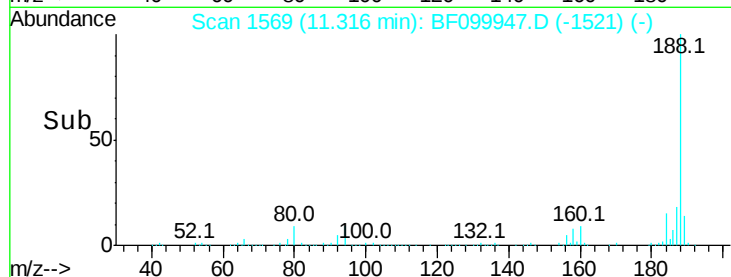
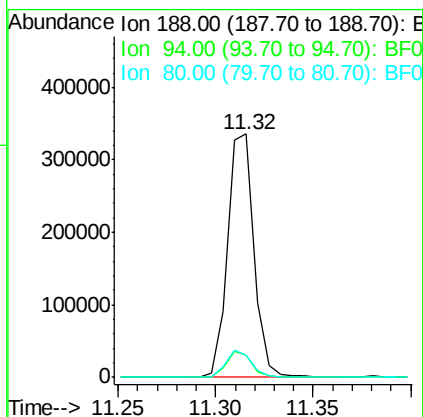
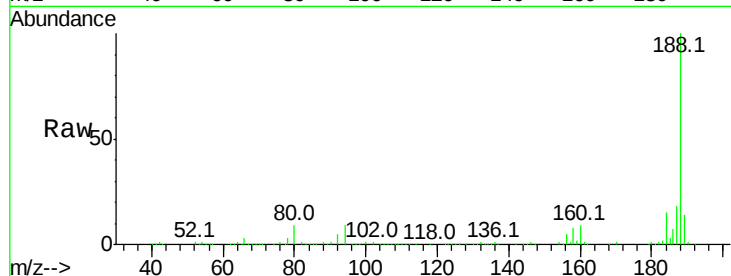




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

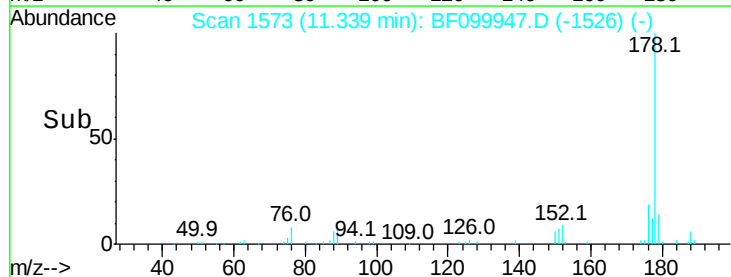
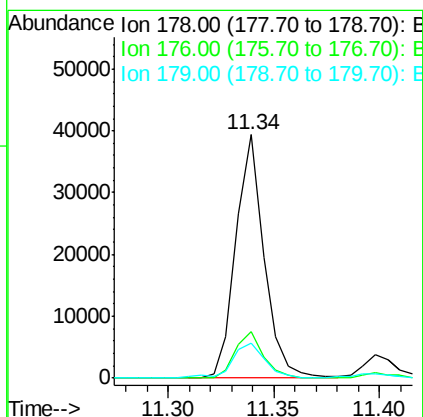
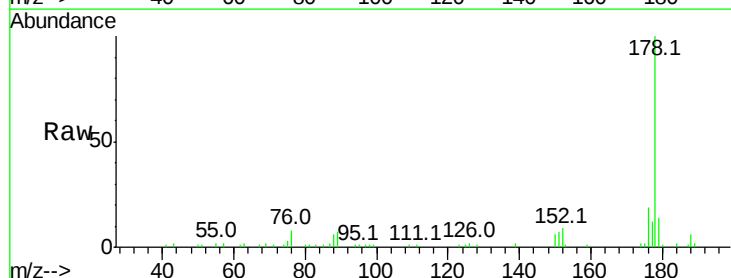
Instrument :
BNA_F
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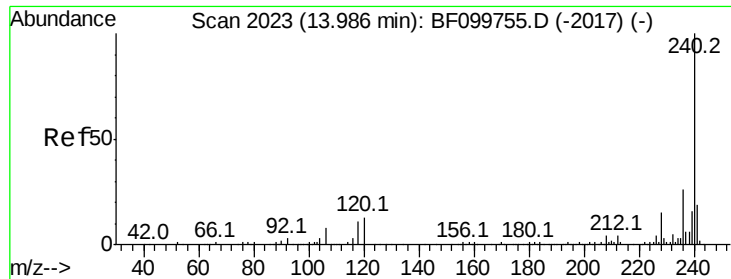
Tot Ion:188 Resp: 314532
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.3 9.2 13.8



#70
Phenanthrene
Concen: 2.059 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.02 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion:178 Resp: 36551
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 14.4 13.0 19.6

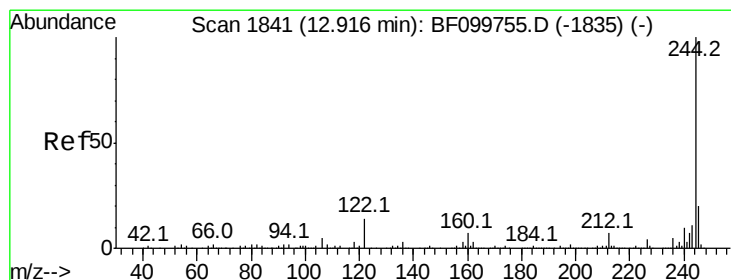
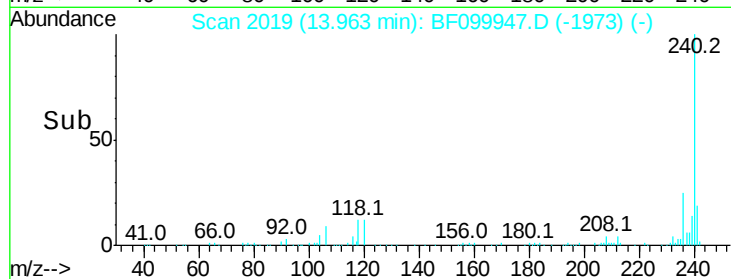
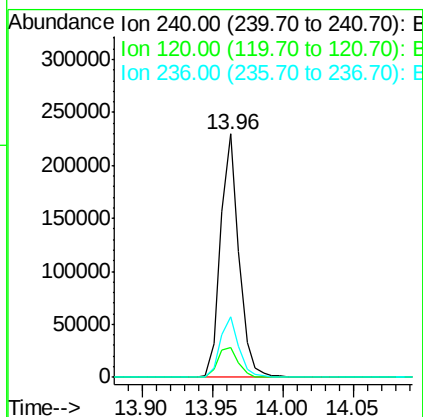
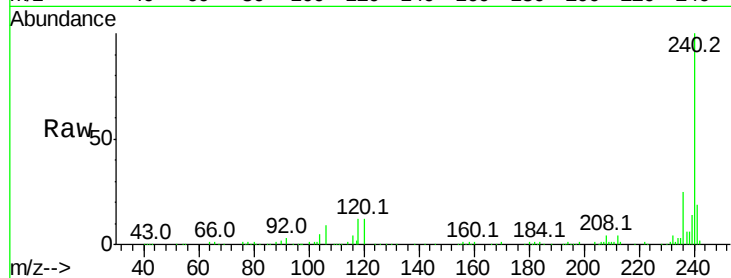




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

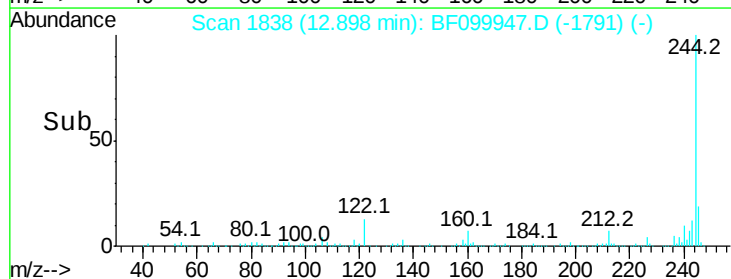
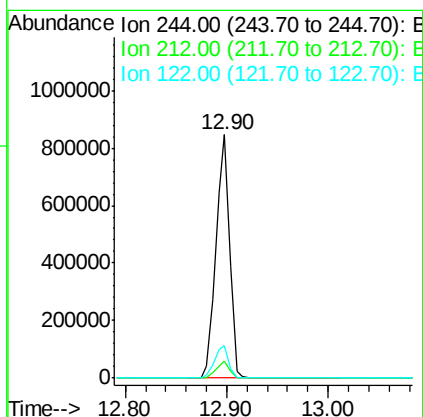
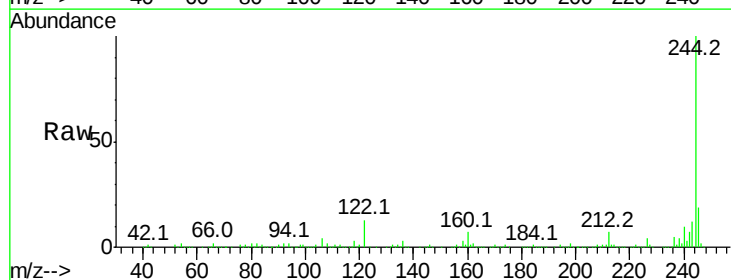
Instrument :
BNA_F
ClientSampleId :
102317-TIDO-F-D-S

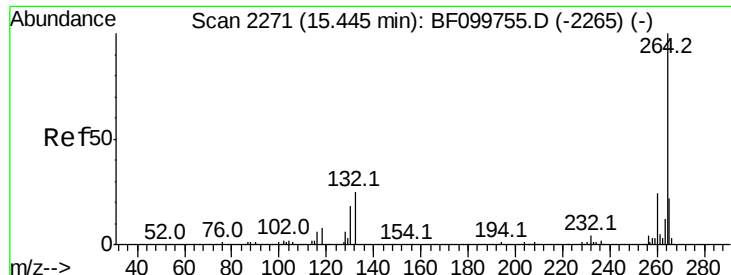
Tot Ion:240 Resp: 208385
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 24.6 20.7 31.1



#78
Terphenyl-d14
Concen: 82.819 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF099947.D
Acq: 29 Oct 2017 6:59

Tgt Ion:244 Resp: 789719
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.2 11.0 16.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.04 min

Lab File: BF099947.D

Acq: 29 Oct 2017 6:59

Instrument :

BNA_F

ClientSampleId :

102317-TIDO-F-D-S

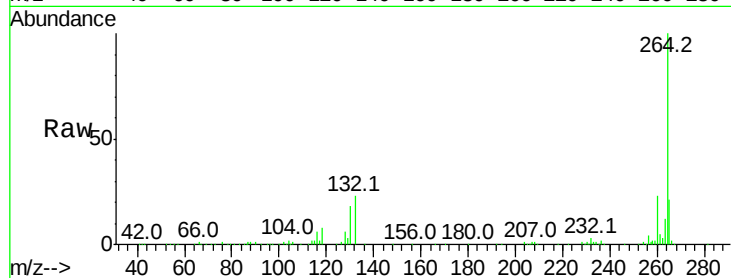
Tot Ion:264 Resp: 197007

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.7 17.5 26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

