

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099646.D
 Acq On : 19 Oct 2017 5:31
 Operator : SJ/JU
 Sample : I5929-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Quant Time: Oct 19 17:21:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 22:24:53 2017
 Response via : Initial Calibration

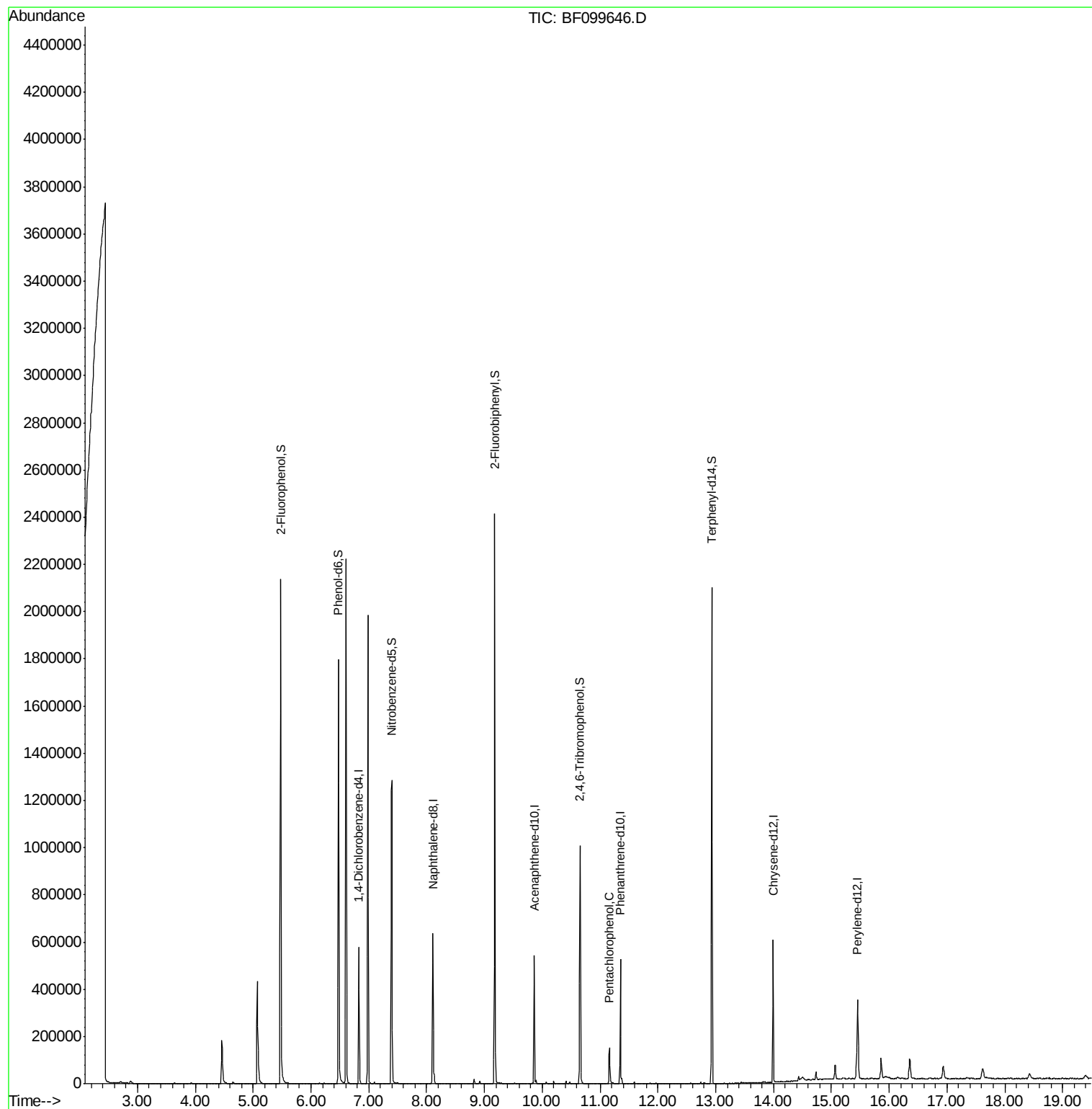
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	85080	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	299759	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	106722	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	176107	20.00	ng	0.00
75) Chrysene-d12	13.99	240	182376	20.00	ng	0.00
86) Perylene-d12	15.46	264	139719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	682415	127.68	ng	0.02
7) Phenol-d6	6.47	99	726596	110.21	ng	0.00
23) Nitrobenzene-d5	7.40	82	466116	99.72	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	129024	147.75	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	784051	122.65	ng	0.00
78) Terphenyl-d14	12.93	244	666038	83.05	ng	0.00
Target Compounds						
69) Pentachlorophenol	11.16	266	21516	18.778	ng	Qvalue 98

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

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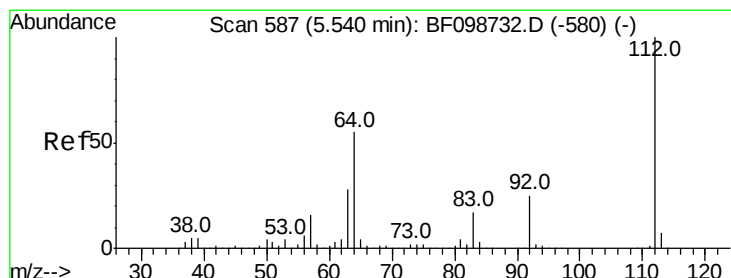
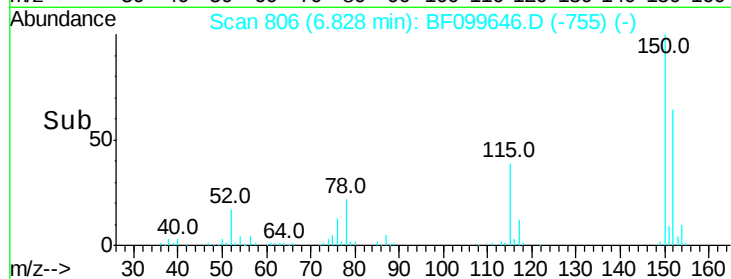
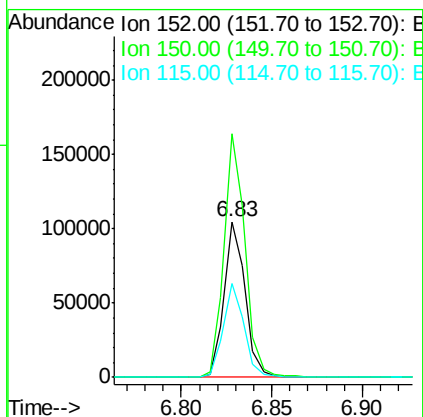
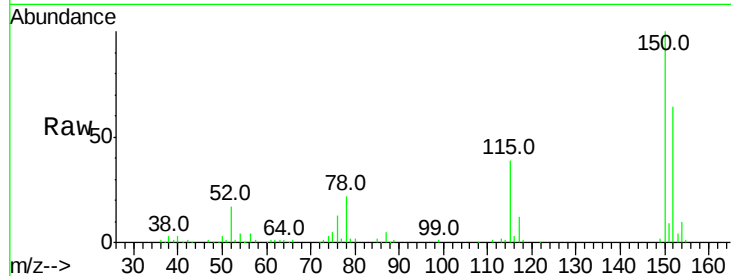


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099646.D
 Acq: 19 Oct 2017 5:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

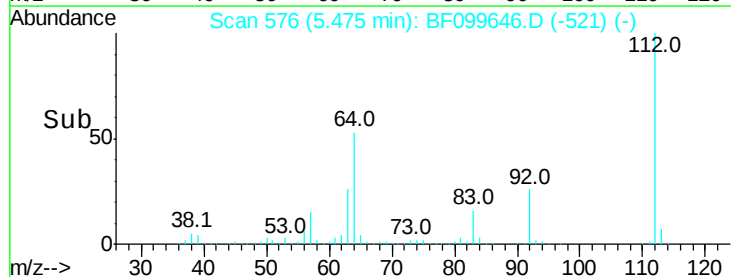
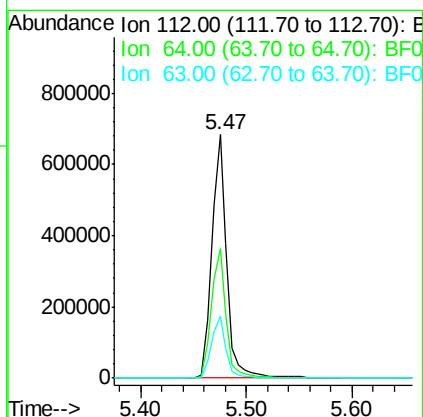
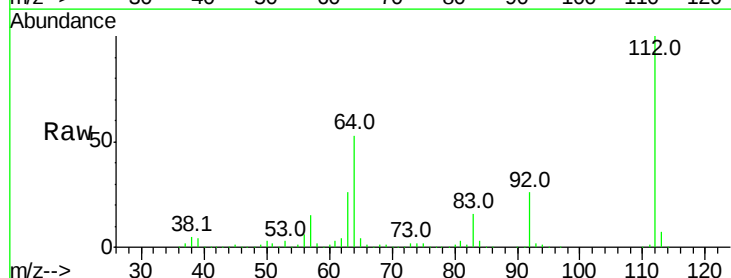
Tot Ion:152 Resp: 85080
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 60.5 50.1 75.1



#5

2-Fluorophenol
 Concen: 127.684 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.02 min
 Lab File: BF099646.D
 Acq: 19 Oct 2017 5:31

Tgt Ion:112 Resp: 682415
 Ion Ratio Lower Upper
 112 100
 64 53.4 47.9 71.9
 63 25.6 23.7 35.5





#7

Phenol-d6

Concen: 110.205 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099646.D

Acq: 19 Oct 2017 5:31

Instrument :

BNA_F

ClientSampleId :

TP-1-COMP

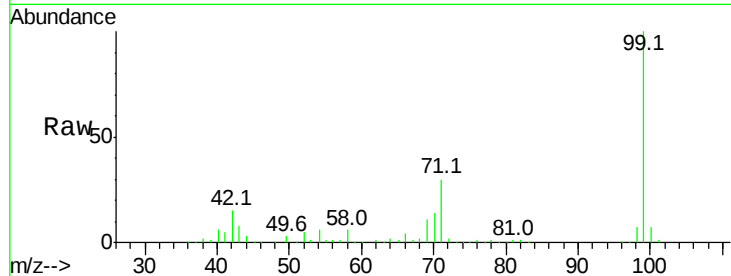
Tot Ion: 99 Resp: 726596

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

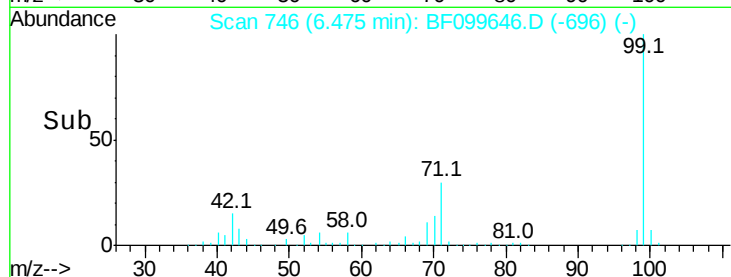
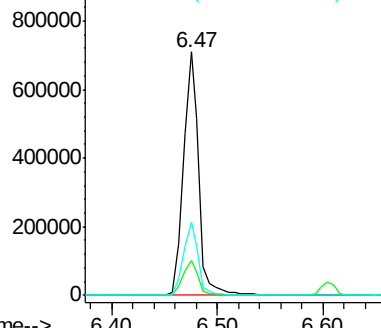
71 30.4 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099646.D

Acq: 19 Oct 2017 5:31

Tgt Ion: 136 Resp: 299759

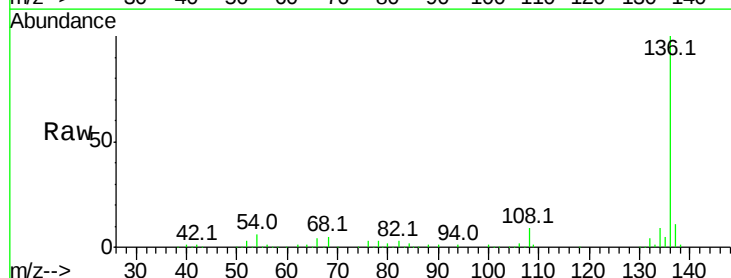
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.4 6.6 9.8#

68 5.5 5.0 7.4

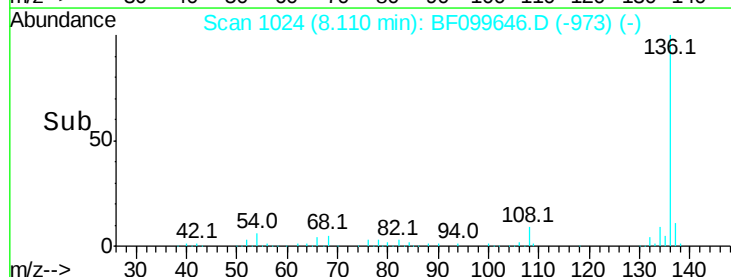
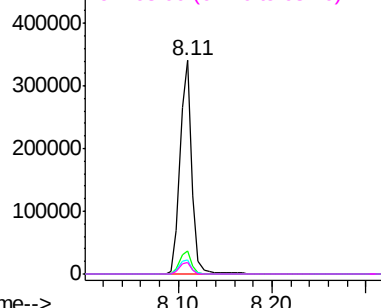


Abundance Ion 136.00 (135.70 to 136.70): E

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

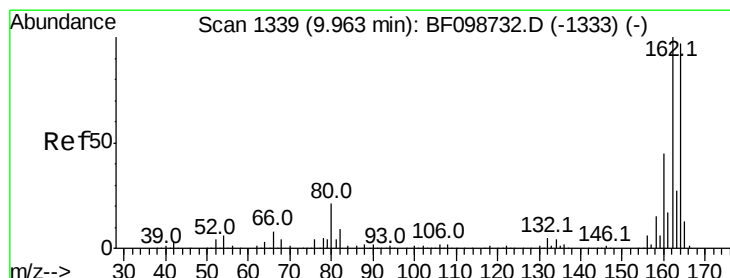
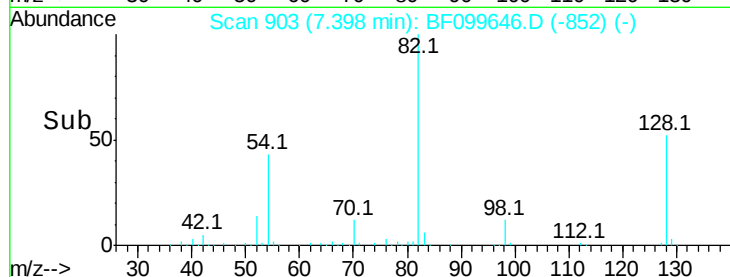
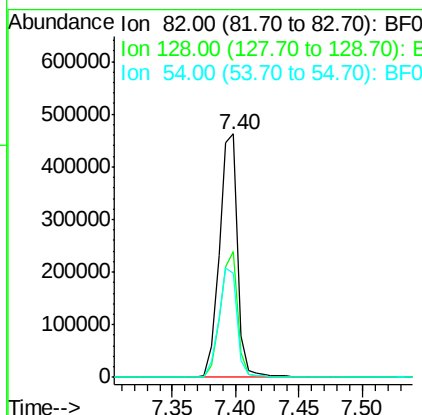
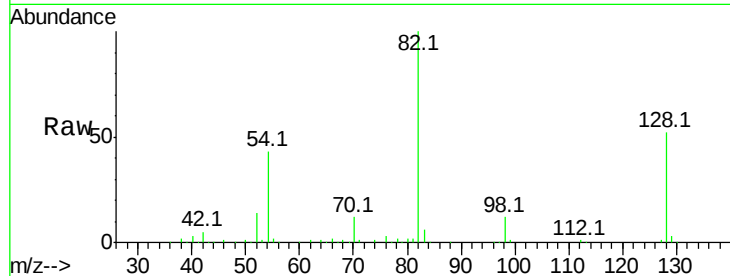




#23
 Nitrobenzene-d5
 Concen: 99.720 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF099646.D
 Acq: 19 Oct 2017 5:31

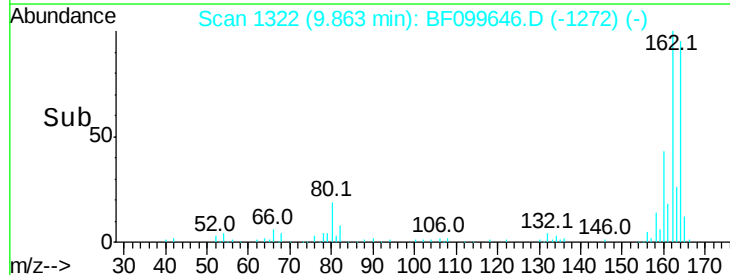
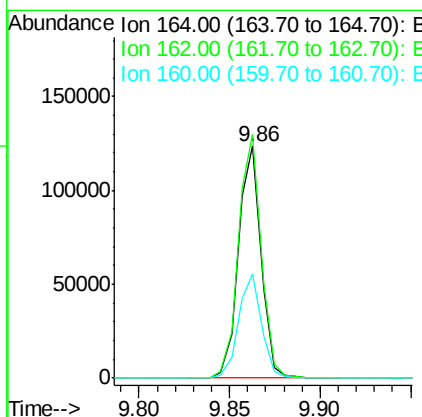
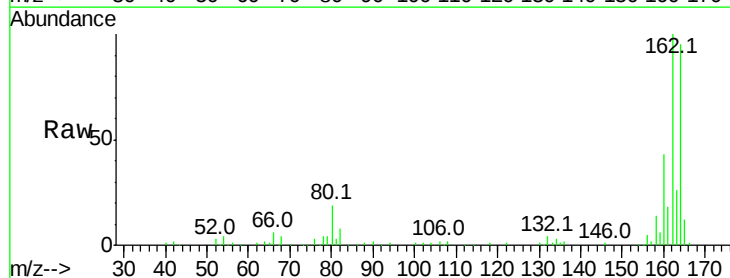
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Tot Ion: 82 Resp: 466116
 Ion Ratio Lower Upper
 82 100
 128 51.6 36.1 54.1
 54 42.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF099646.D
 Acq: 19 Oct 2017 5:31

Tgt Ion:164 Resp: 106722
 Ion Ratio Lower Upper
 164 100
 162 105.1 86.1 129.1
 160 45.1 38.3 57.5

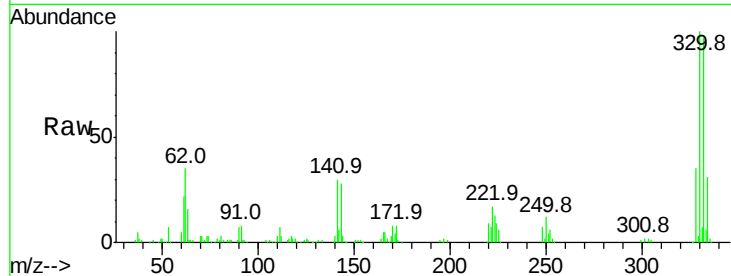




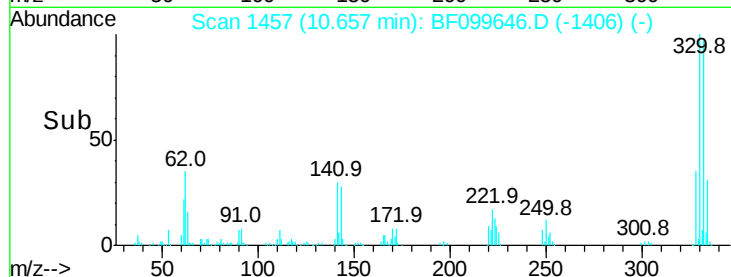
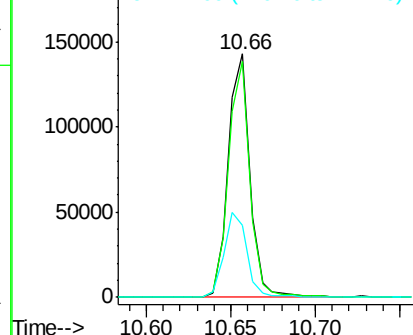
#41
 2,4,6-Tribromophenol
 Concen: 147.747 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF099646.D
 Acq: 19 Oct 2017 5:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	36.9	29.9	44.9

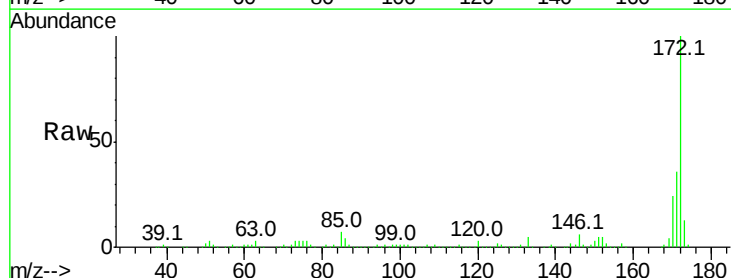


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

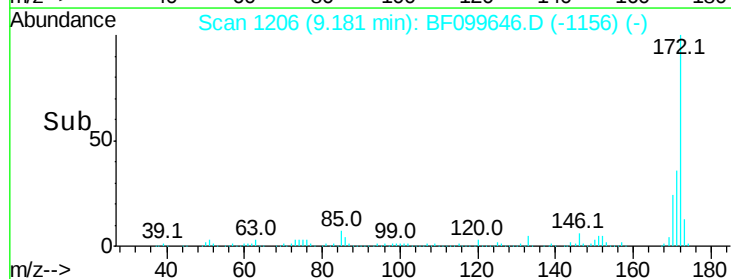
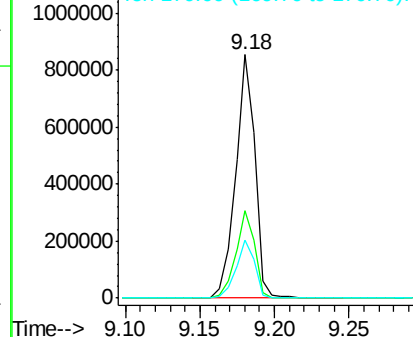


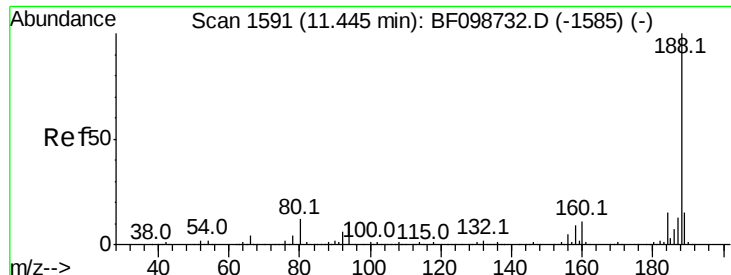
#44
 2-Fluorobiphenyl
 Concen: 122.646 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099646.D
 Acq: 19 Oct 2017 5:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	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

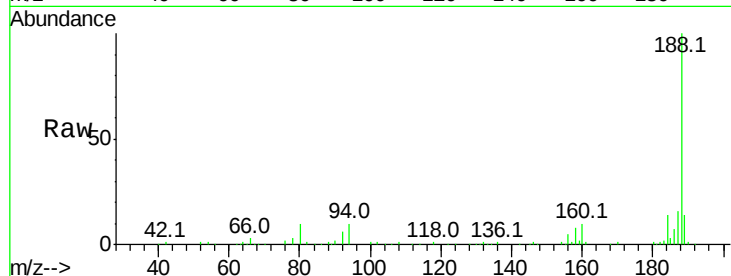




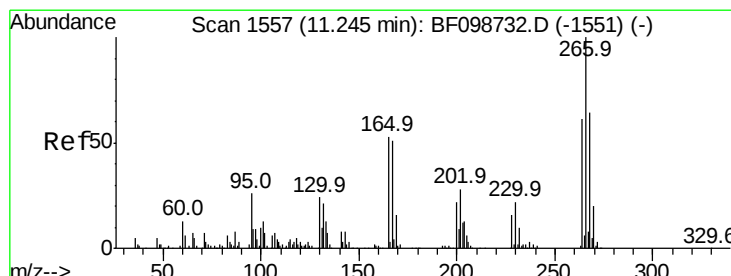
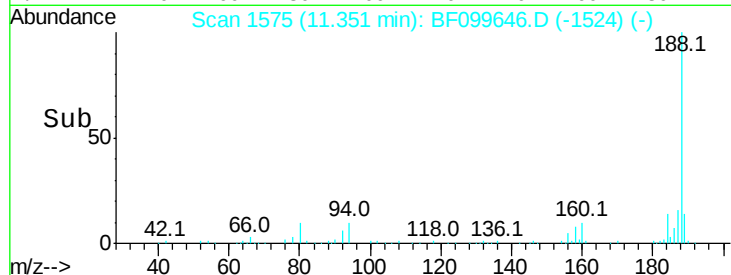
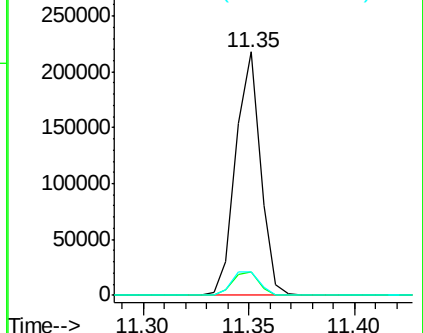
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099646.D
Acq: 19 Oct 2017 5:31

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	9.7	9.2	13.8

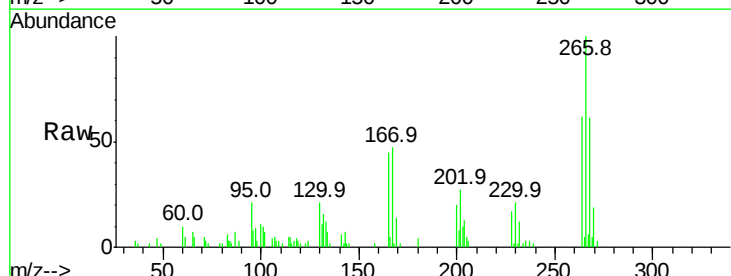


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

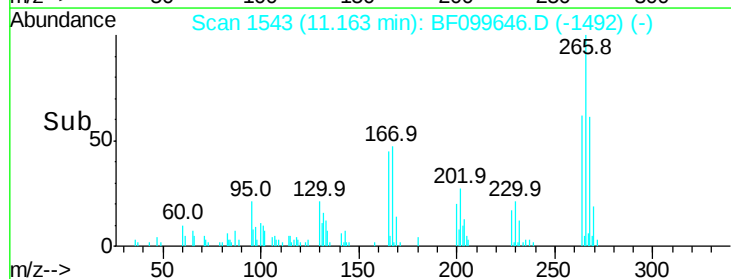
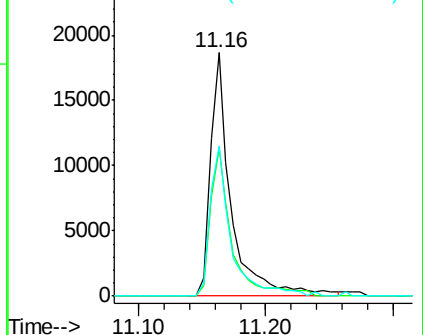


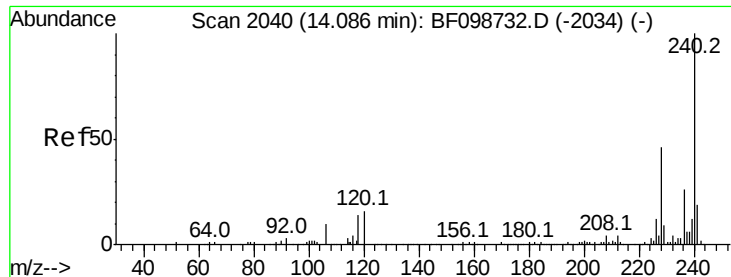
#69
Pentachlorophenol
Concen: 18.778 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF099646.D
Acq: 19 Oct 2017 5:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.1	76.7
264	61.7	49.5	74.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099646.D

Acq: 19 Oct 2017 5:31

Instrument :

BNA_F

ClientSampleId :

TP-1-COMP

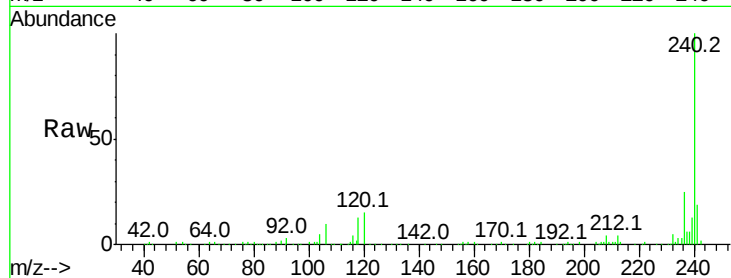
Tot Ion:240 Resp: 182376

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

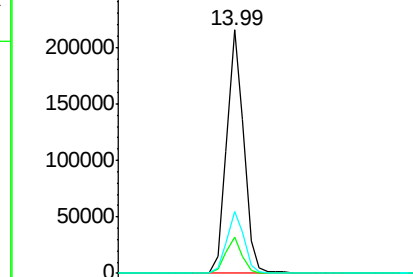
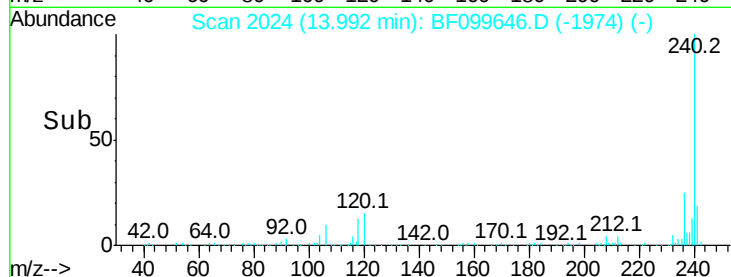
236 25.3 20.7 31.1



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: 83.054 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099646.D

Acq: 19 Oct 2017 5:31

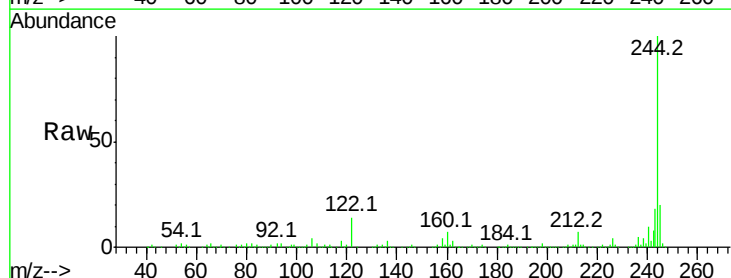
Tgt Ion:244 Resp: 666038

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

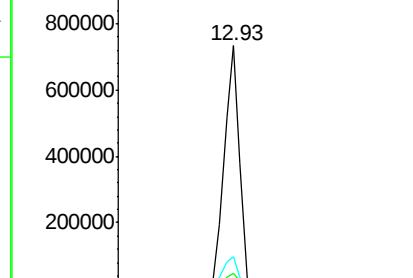
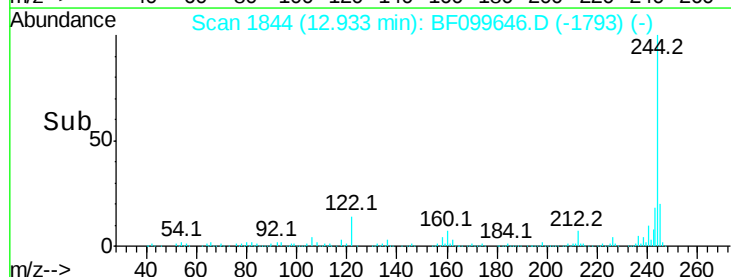
122 13.5 11.0 16.4



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



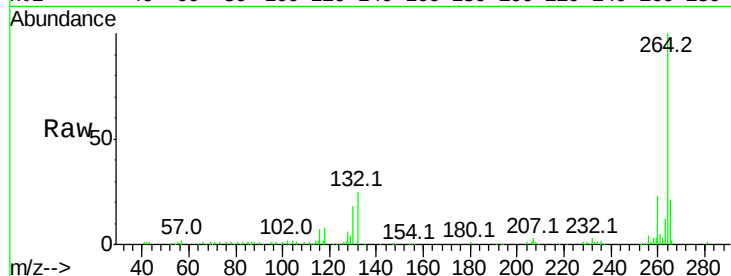


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099646.D
Acq: 19 Oct 2017 5:31

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Tot Ion: 264 Resp: 139719

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.4	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

