

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099727.D
 Acq On : 21 Oct 2017 14:59
 Operator : SJ/JU
 Sample : I5950-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170720-C-COMP3

Quant Time: Oct 22 01:11:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

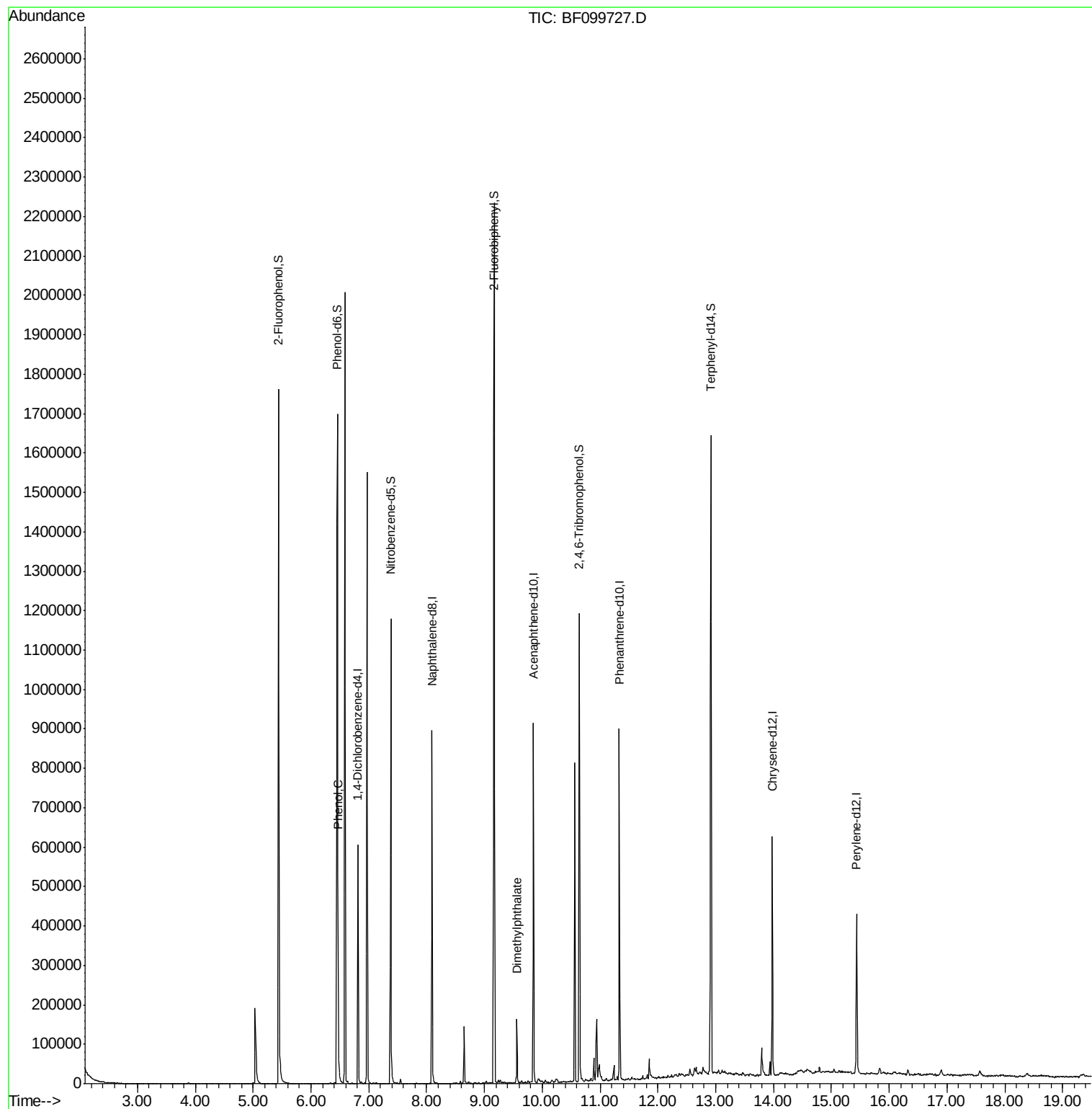
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	100786	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	412084	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	186844	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	322672	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	192179	20.00	ng	0.00
86) Perylene-d12	15.44	264	177641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	563786	89.05	ng	0.00
7) Phenol-d6	6.46	99	675450	86.48	ng	0.00
23) Nitrobenzene-d5	7.38	82	388519	60.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	149133	97.54	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	695889	62.18	ng	0.00
78) Terphenyl-d14	12.92	244	506648	59.96	ng	0.00
Target Compounds						
10) Phenol	6.47	94	22993	2.632	ng	96
49) Dimethylphthalate	9.56	163	63647	4.513	ng	99

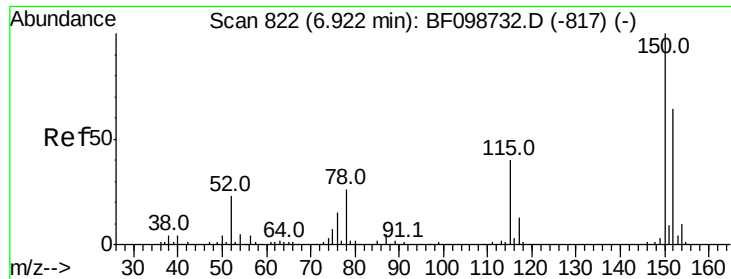
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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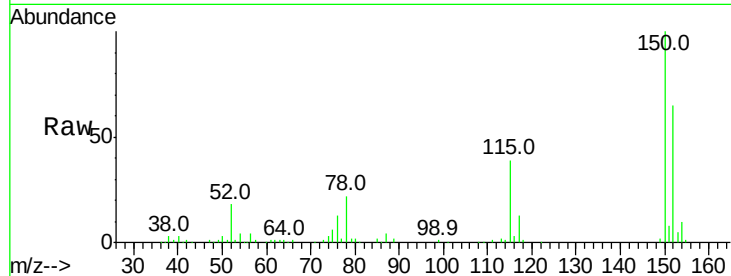


#1

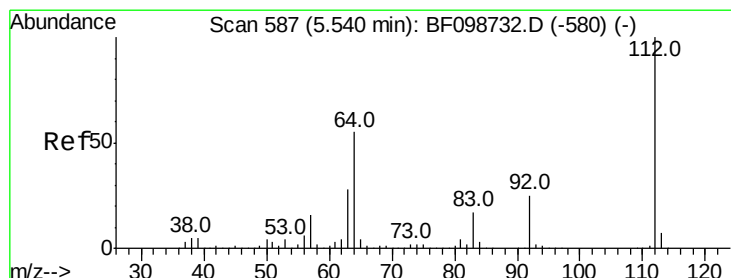
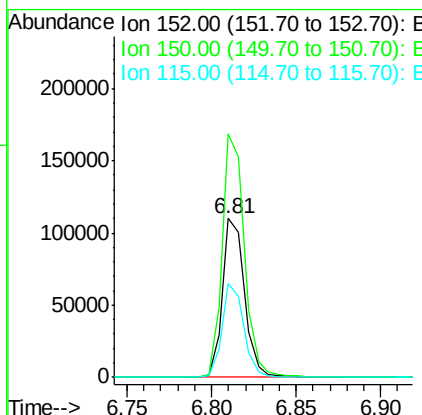
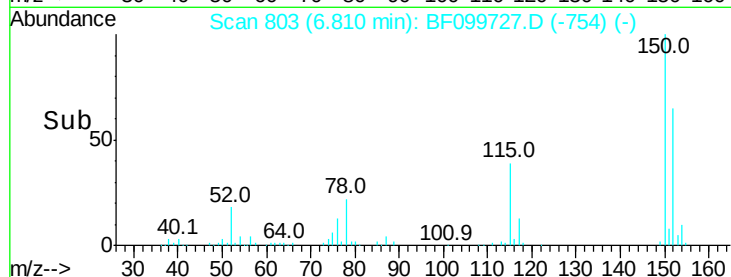
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF099727.D
 Acq: 21 Oct 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 20170720-C-COMP3

Tot Ion:152 Resp: 100786
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.6 186.8
 115 59.4 50.1 75.1



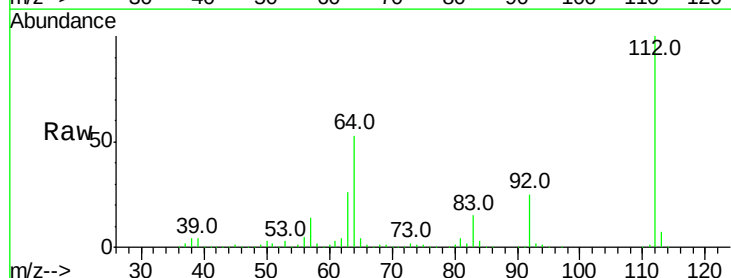
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



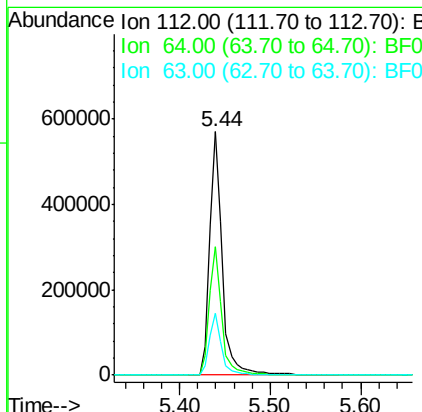
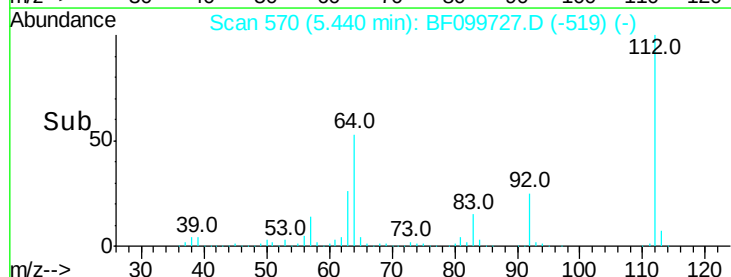
#5

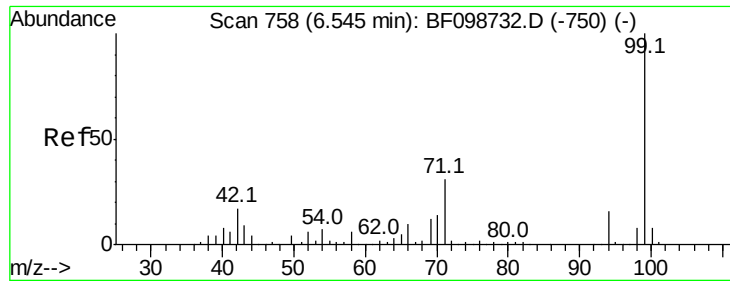
2-Fluorophenol
 Concen: 89.049 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF099727.D
 Acq: 21 Oct 2017 14:59

Tgt Ion:112 Resp: 563786
 Ion Ratio Lower Upper
 112 100
 64 52.8 47.9 71.9
 63 25.6 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: 86.483 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099727.D

Acq: 21 Oct 2017 14:59

Instrument :

BNA_F

ClientSampleId :

20170720-C-COMP3

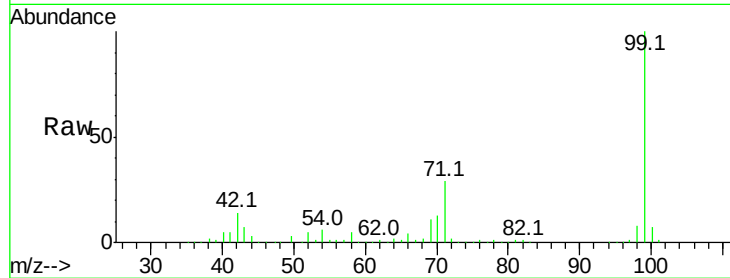
Tot Ion: 99 Resp: 675450

Ion Ratio Lower Upper

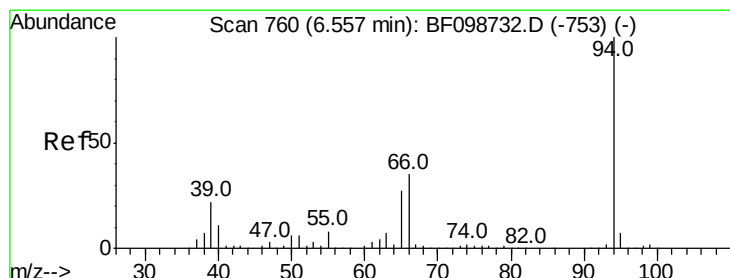
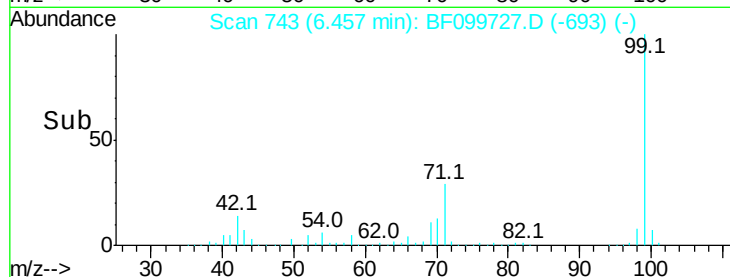
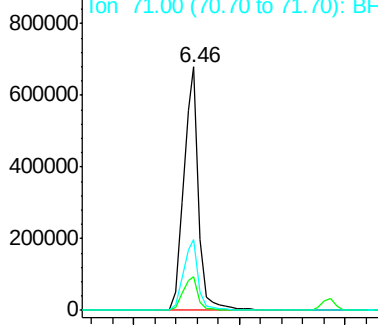
99 100

42 13.9 14.5 21.7#

71 29.3 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: 2.632 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099727.D

Acq: 21 Oct 2017 14:59

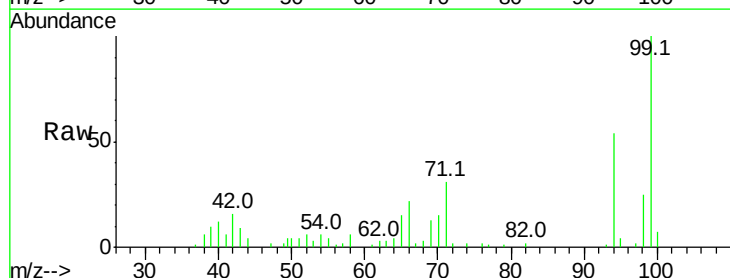
Tgt Ion: 94 Resp: 22993

Ion Ratio Lower Upper

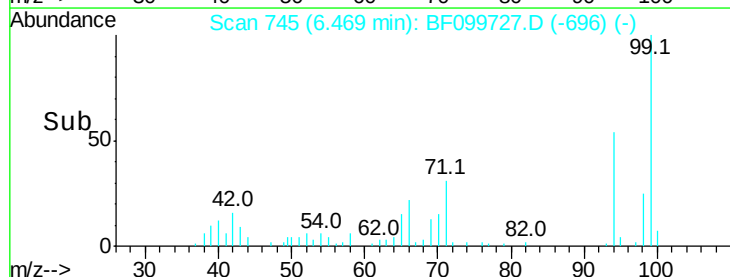
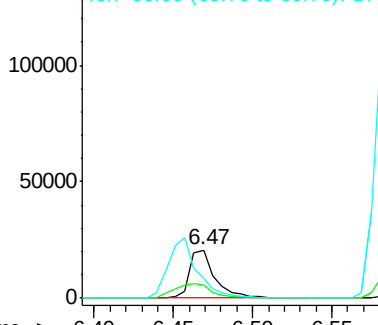
94 100

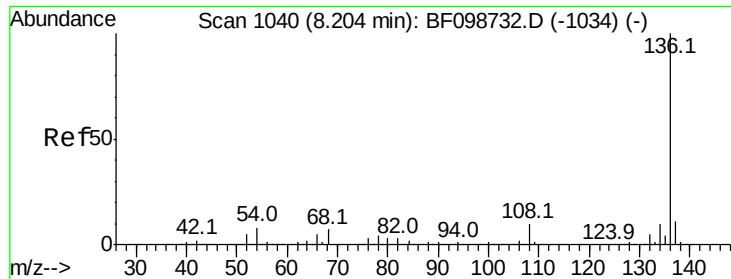
65 28.0 7.9 47.9

66 40.2 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

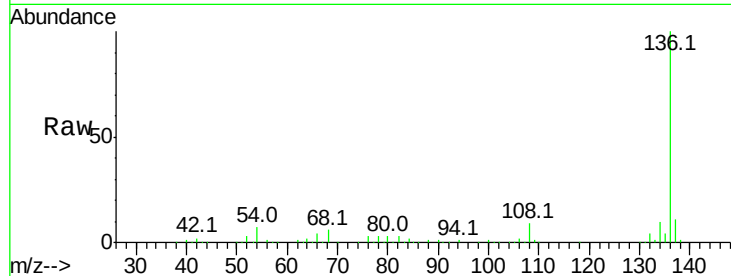




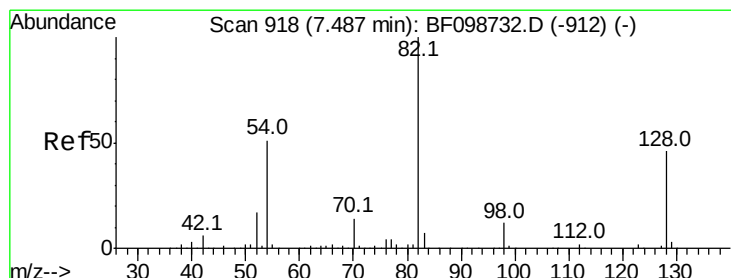
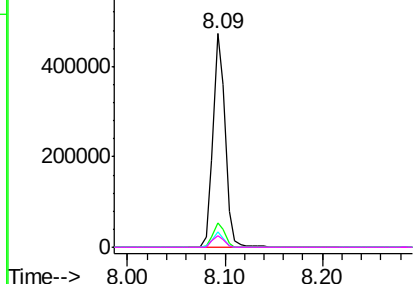
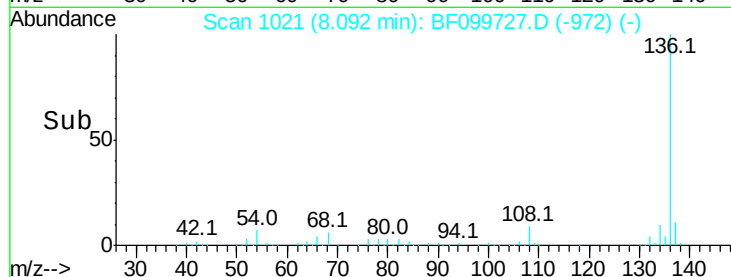
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099727.D
Acq: 21 Oct 2017 14:59

Instrument :
BNA_F
ClientSampleId :
20170720-C-COMP3

Tot Ion:	136	Resp:	412084
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.0	6.6	9.8
68	5.7	5.0	7.4

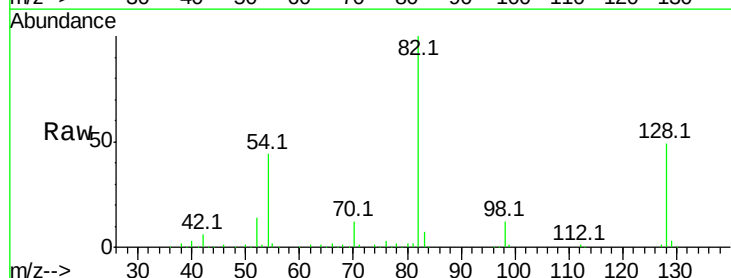


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

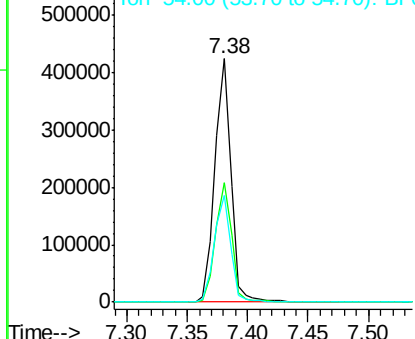
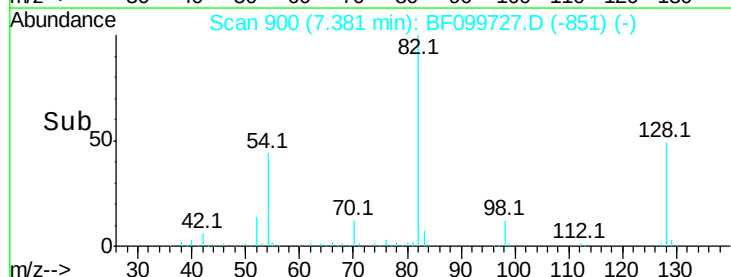


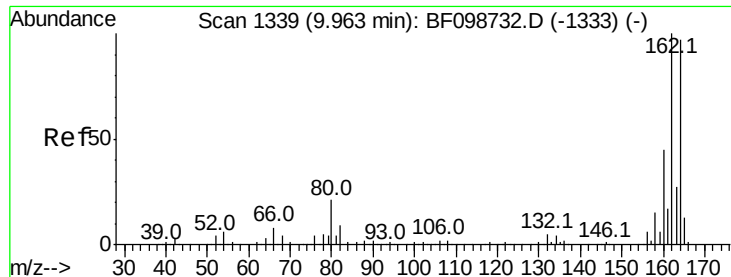
#23
Nitrobenzene-d5
Concen: 60.463 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099727.D
Acq: 21 Oct 2017 14:59

Tgt Ion:	82	Resp:	388519
Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.1	54.1
54	43.8	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

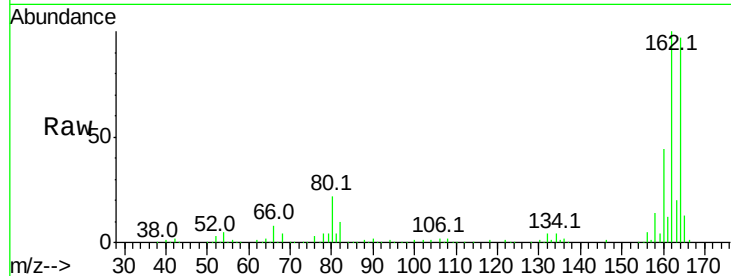




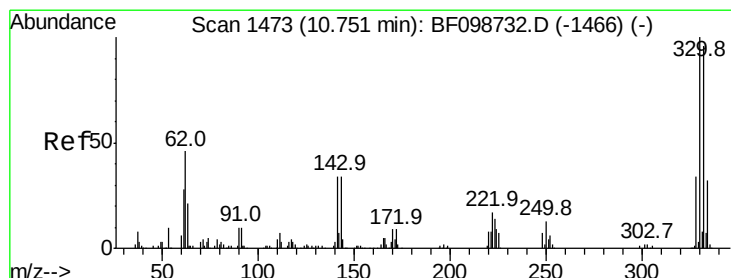
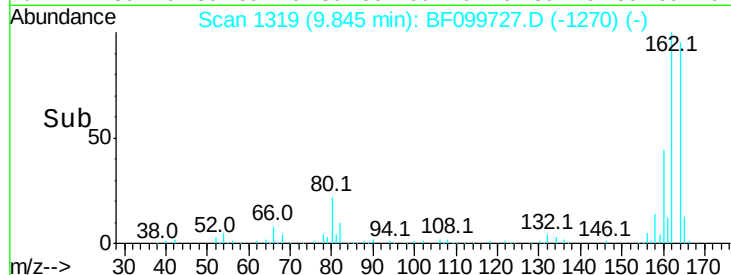
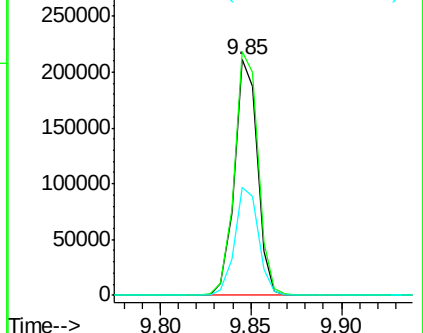
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF099727.D
 Acq: 21 Oct 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 20170720-C-COMP3

Tot Ion:164 Resp: 186844
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 45.7 38.3 57.5

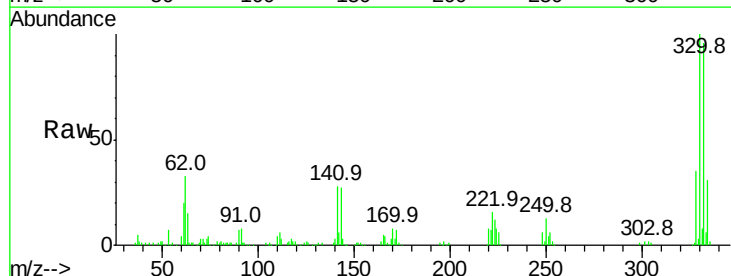


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

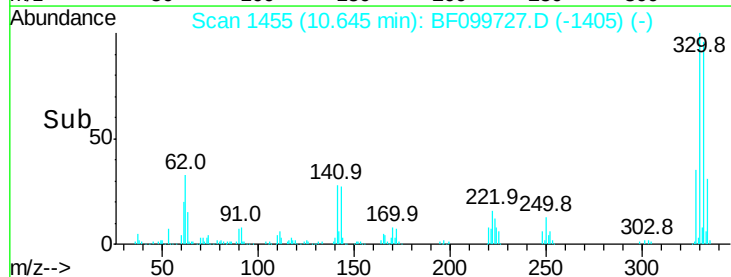
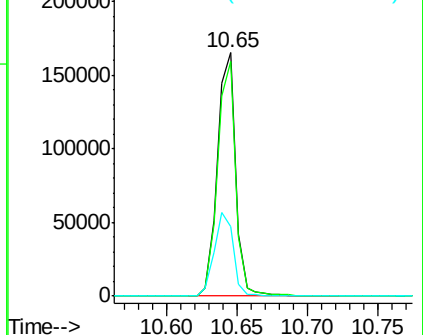


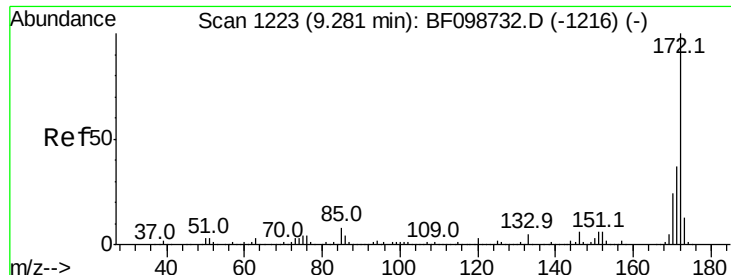
#41
 2,4,6-Tribromophenol
 Concen: 97.543 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099727.D
 Acq: 21 Oct 2017 14:59

Tgt Ion:330 Resp: 149133
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 35.5 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

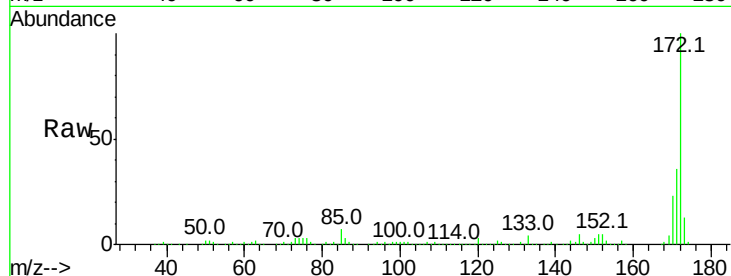




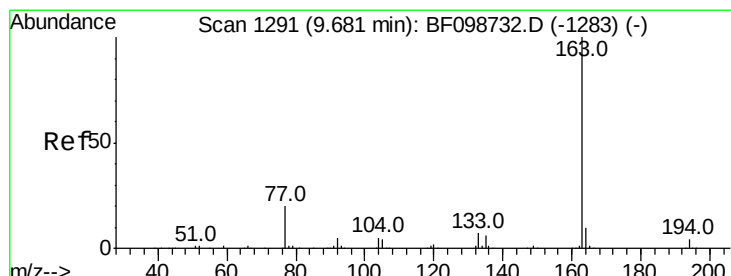
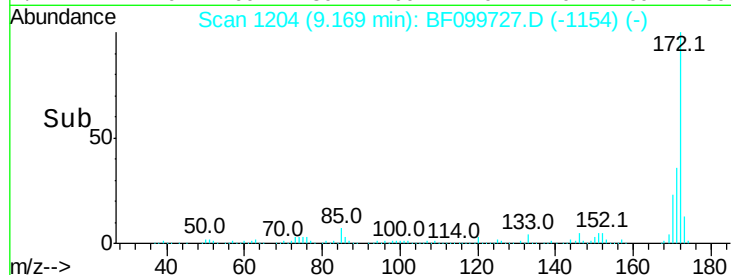
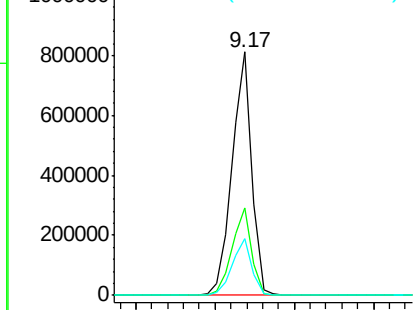
#44
 2-Fluorobiphenyl
 Concen: 62.176 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099727.D
 Acq: 21 Oct 2017 14:59

Instrument :
 BNA_F
 ClientSampleId :
 20170720-C-COMP3

Tot Ion:172 Resp: 695889
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.2 19.6 29.4

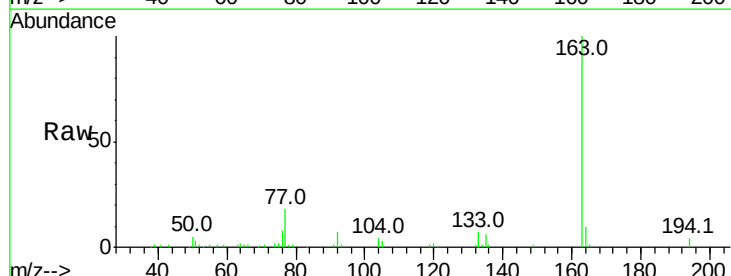


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

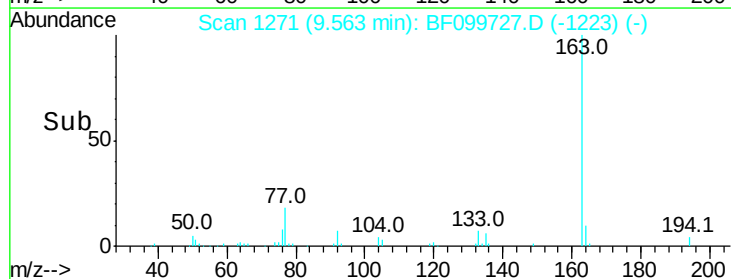
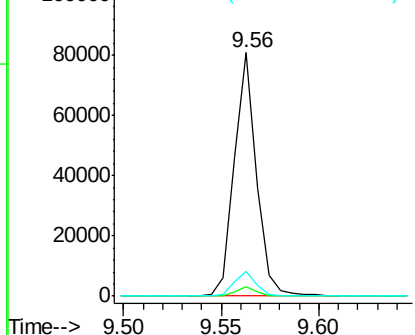


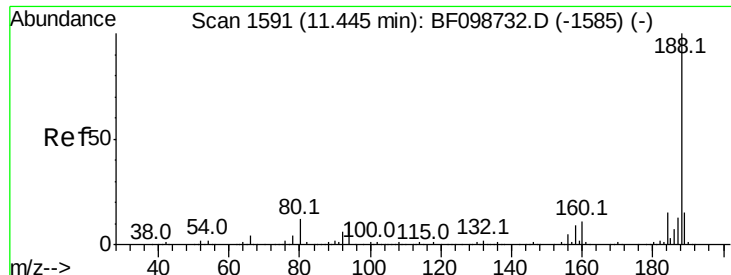
#49
 Dimethylphthalate
 Concen: 4.513 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF099727.D
 Acq: 21 Oct 2017 14:59

Tgt Ion:163 Resp: 63647
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 10.4 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

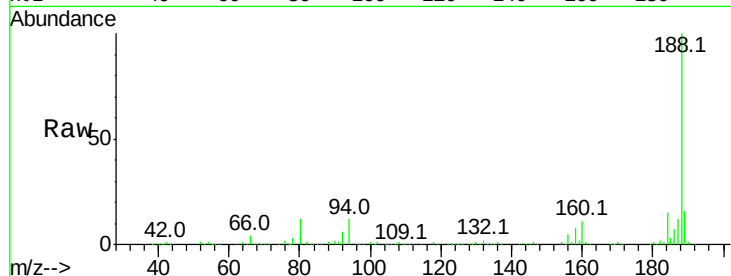




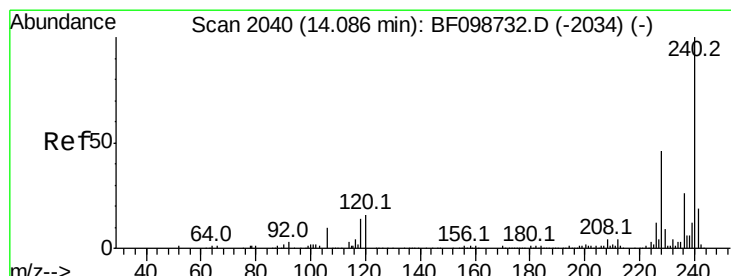
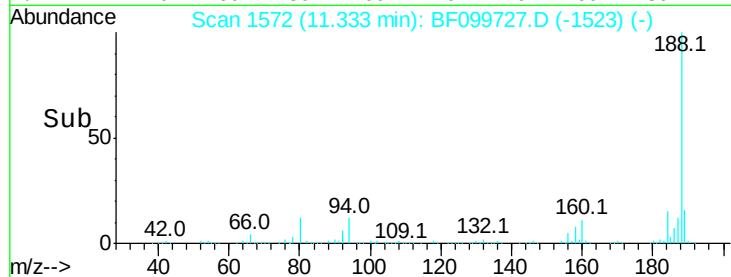
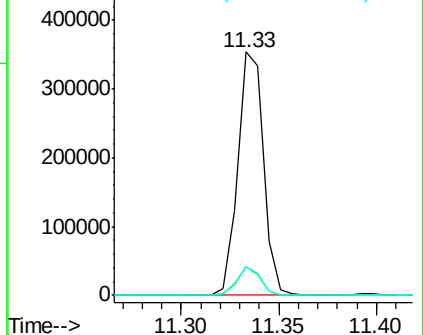
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF099727.D
Acq: 21 Oct 2017 14:59

Instrument :
BNA_F
ClientSampleId :
20170720-C-COMP3

Tot Ion:188 Resp: 322672
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 12.0 9.2 13.8

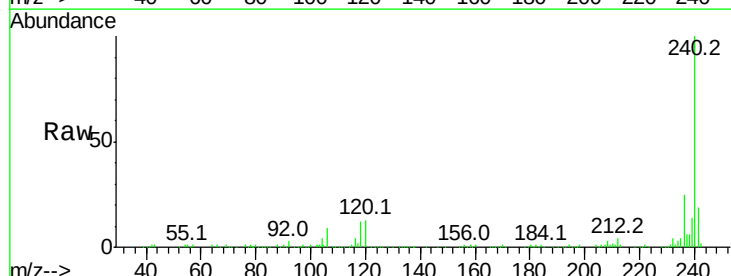


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

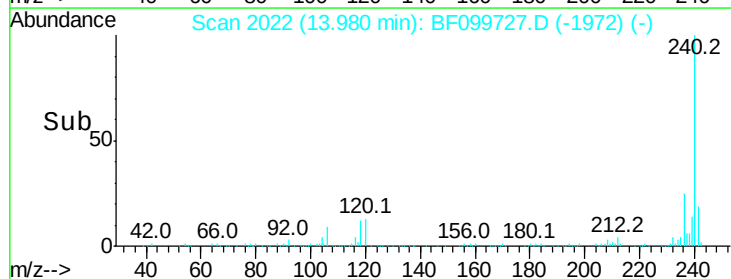
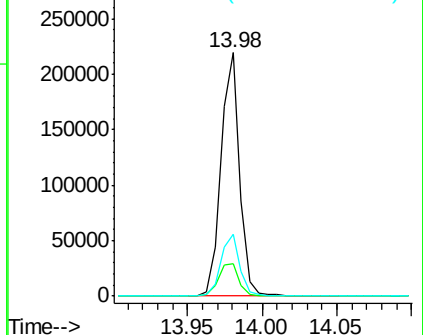


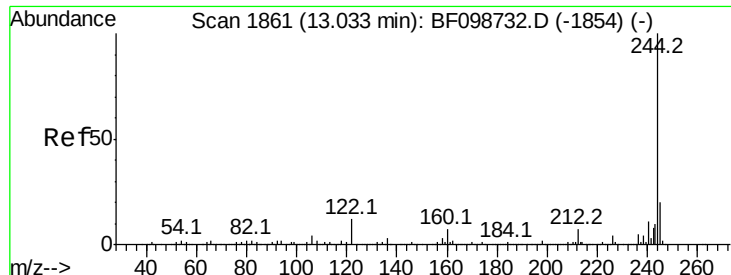
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099727.D
Acq: 21 Oct 2017 14:59

Tgt Ion:240 Resp: 192179
Ion Ratio Lower Upper
240 100
120 13.2 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: 59.956 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099727.D

Acq: 21 Oct 2017 14:59

Instrument :

BNA_F

ClientSampleId :

20170720-C-COMP3

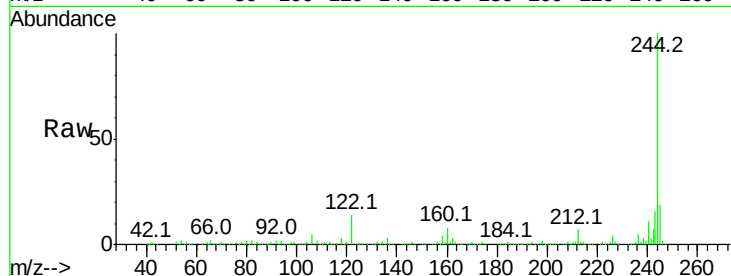
Tot Ion:244 Resp: 506648

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

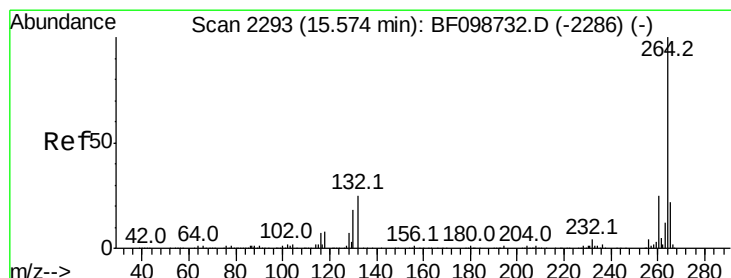
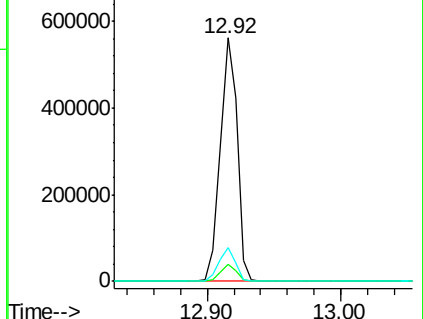
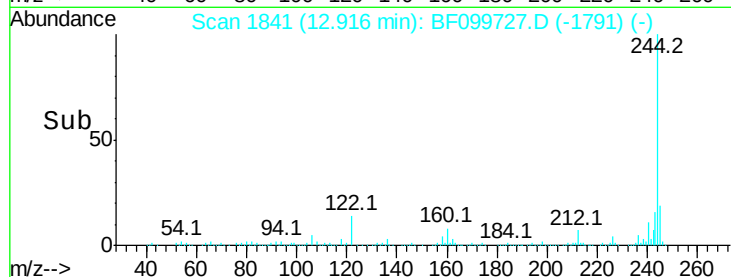
122 13.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF099727.D

Acq: 21 Oct 2017 14:59

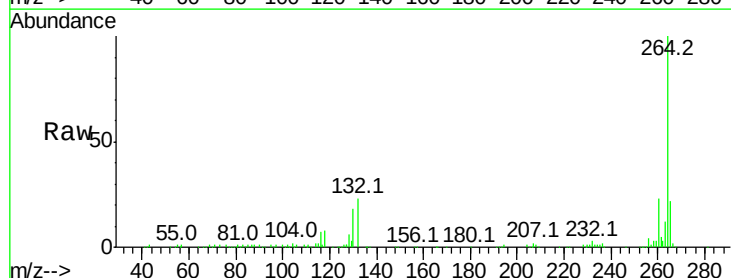
Tgt Ion:264 Resp: 177641

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.8 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

