

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
 Data File : BF099584.D
 Acq On : 17 Oct 2017 16:42
 Operator : SJ/JU
 Sample : I5875-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TK2064L-T1-T2-T3RE

Quant Time: Oct 17 17:46:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 17:32:20 2017
 Response via : Initial Calibration

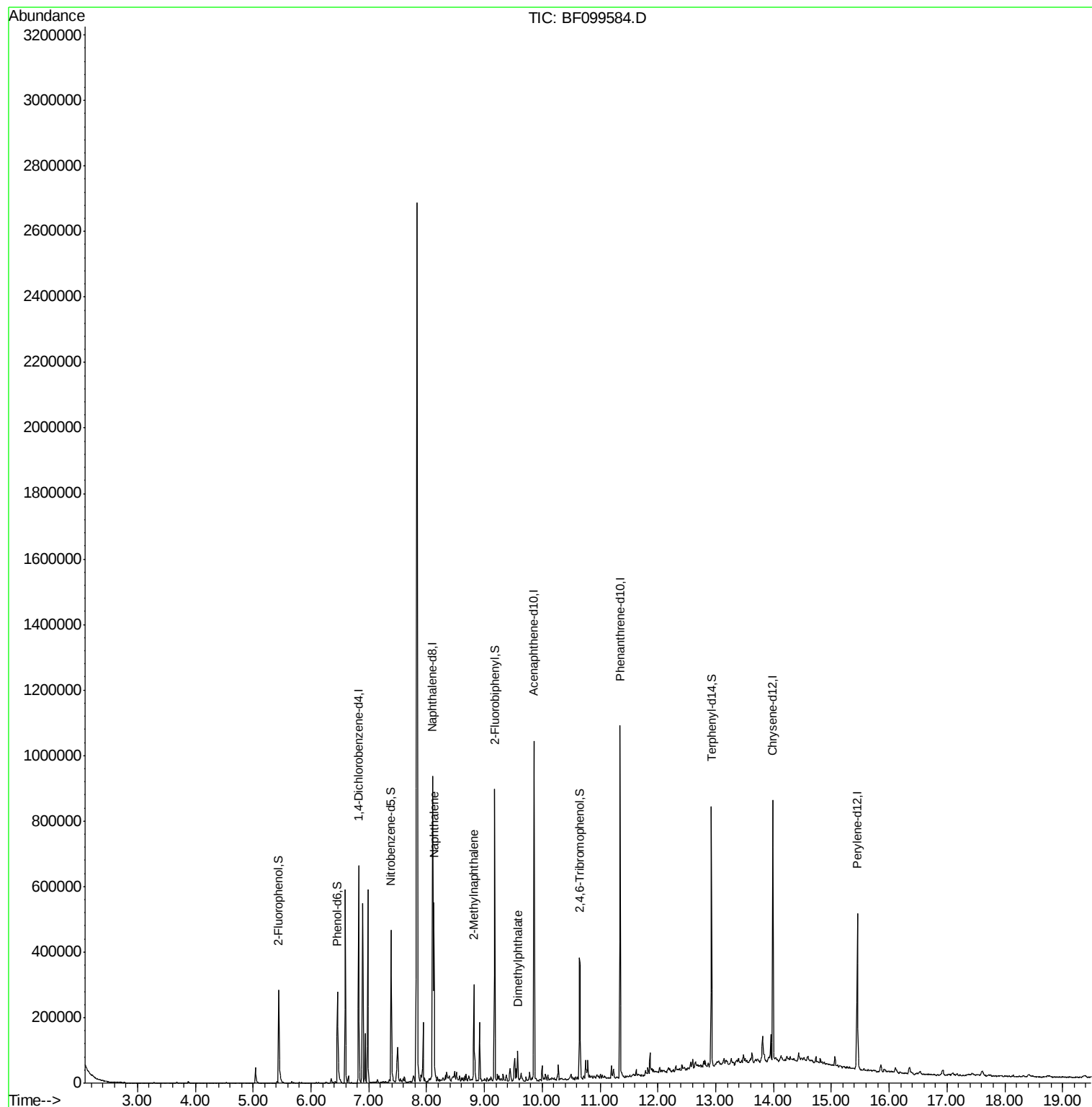
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	108599	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	466991	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	211774	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	384019	20.00	ng	0.00
75) Chrysene-d12	13.99	240	251068	20.00	ng	-0.01
86) Perylene-d12	15.45	264	201305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	109454	16.04	ng	0.00
7) Phenol-d6	6.46	99	105540	12.54	ng	-0.01
23) Nitrobenzene-d5	7.39	82	145272	19.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	40810	23.55	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	278241	21.93	ng	-0.01
78) Terphenyl-d14	12.93	244	245532	22.24	ng	0.00
Target Compounds						
31) Naphthalene	8.13	128	101785	4.641	ng	99
37) 2-Methylnaphthalene	8.82	142	79220	5.556	ng	95
49) Dimethylphthalate	9.57	163	32954	2.062	ng	99

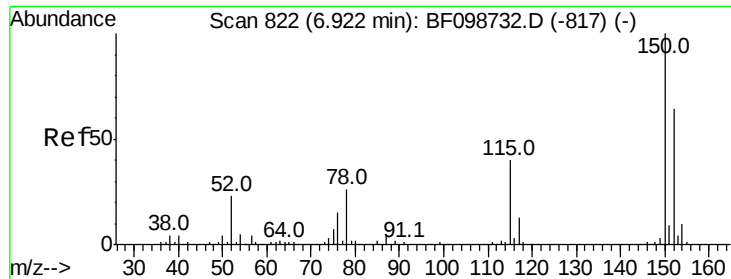
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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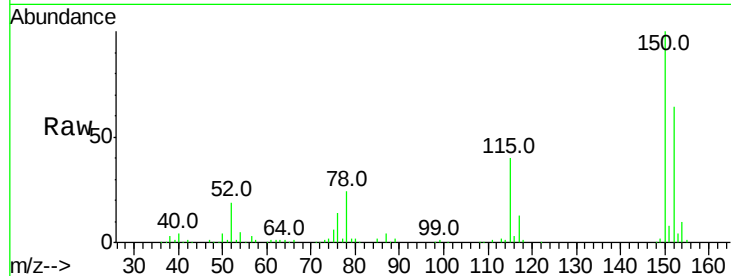


#1

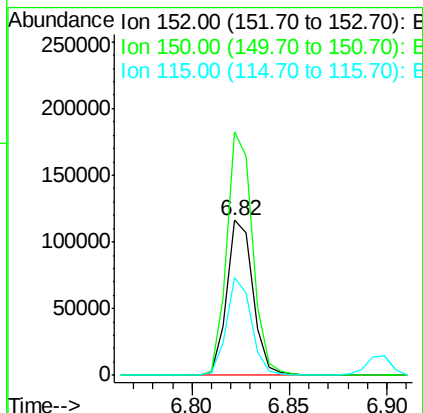
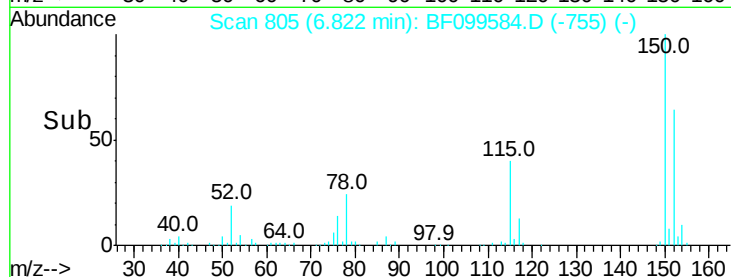
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF099584.D
 Acq: 17 Oct 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 TK2064L-T1-T2-T3RE

Tot Ion:152 Resp: 108599
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 63.3 50.1 75.1



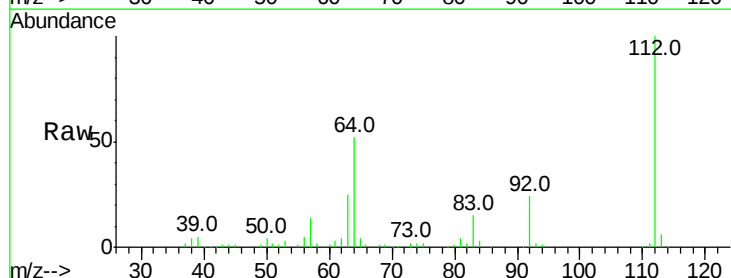
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



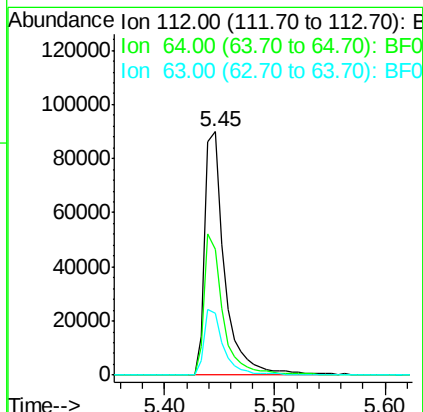
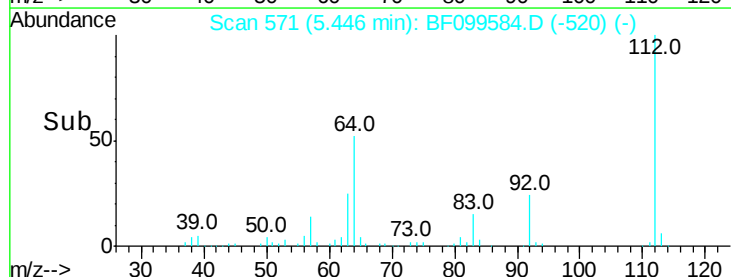
#5

2-Fluorophenol
 Concen: 16.044 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF099584.D
 Acq: 17 Oct 2017 16:42

Tgt Ion:112 Resp: 109454
 Ion Ratio Lower Upper
 112 100
 64 51.8 47.9 71.9
 63 25.3 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: 12.541 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099584.D

Acq: 17 Oct 2017 16:42

Instrument :

BNA_F

ClientSampleId :

TK2064L-T1-T2-T3RE

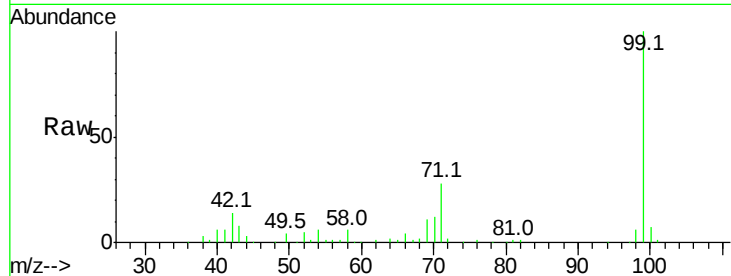
Tot Ion: 99 Resp: 105540

Ion Ratio Lower Upper

99 100

42 14.4 14.5 21.7#

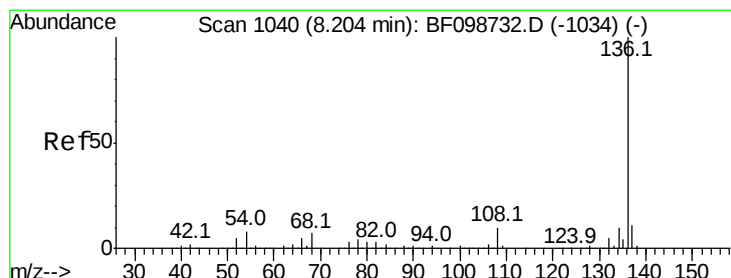
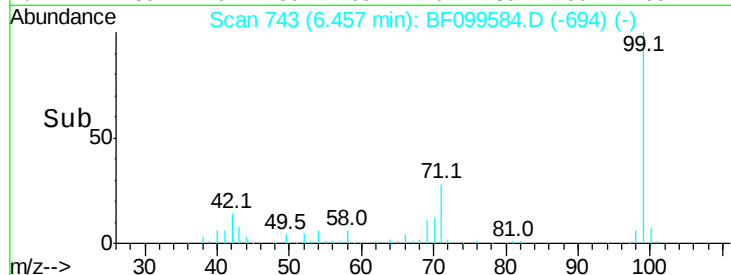
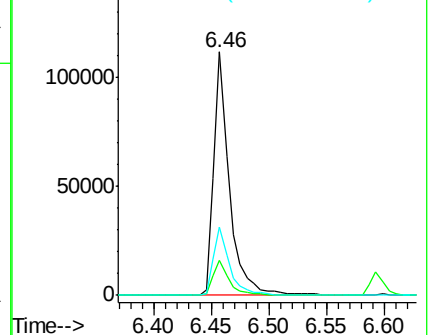
71 28.0 25.4 38.0



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: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF099584.D

Acq: 17 Oct 2017 16:42

Tgt Ion:136 Resp: 466991

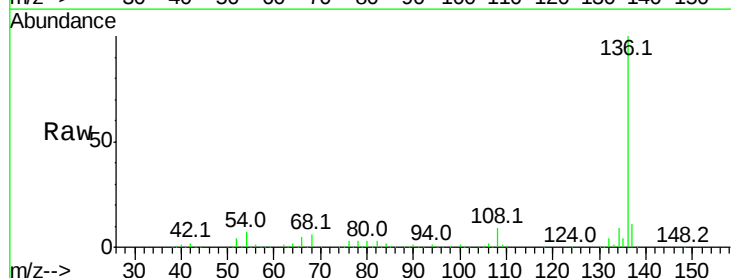
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.9 6.6 9.8

68 6.2 5.0 7.4

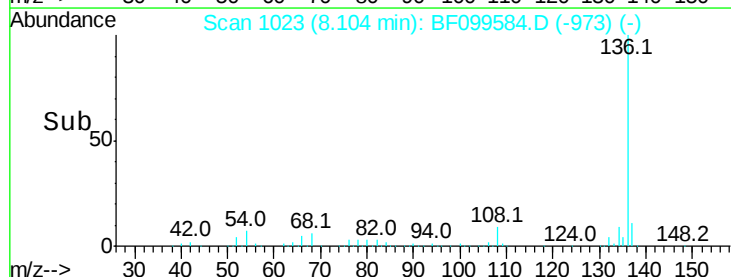
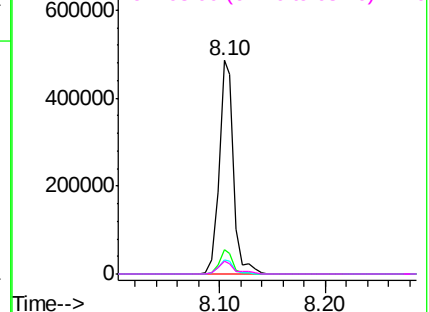


Abundance Ion 136.00 (135.70 to 136.70): E

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

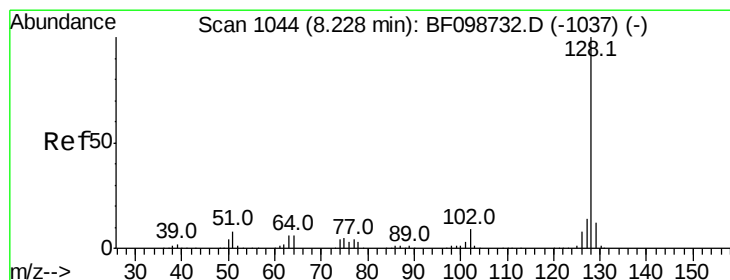
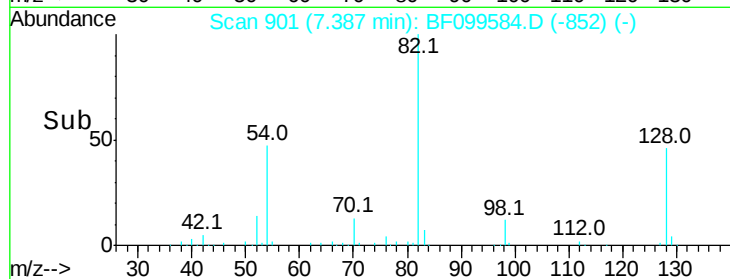
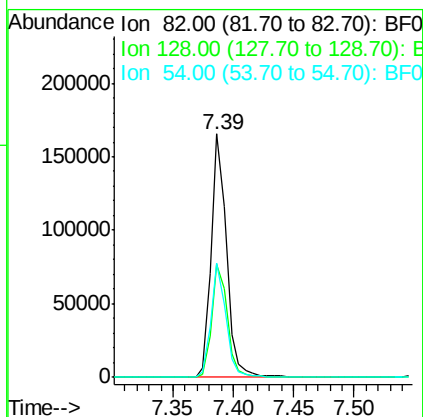
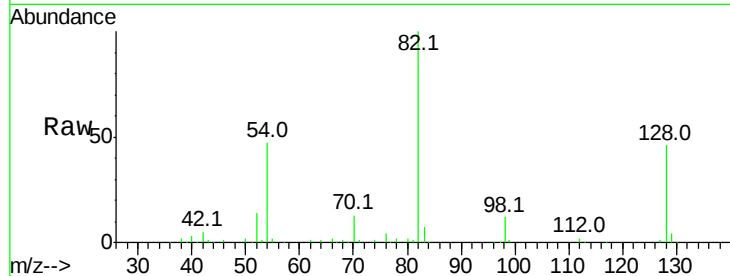




#23
Nitrobenzene-d5
Concen: 19.950 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099584.D
Acq: 17 Oct 2017 16:42

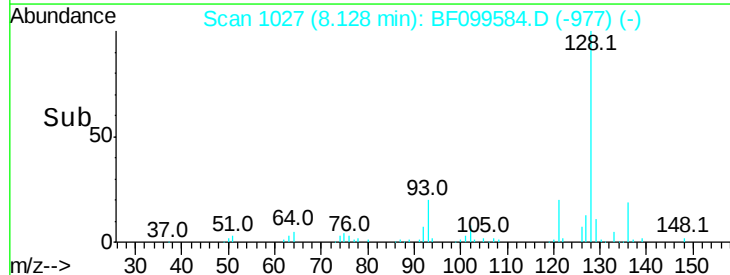
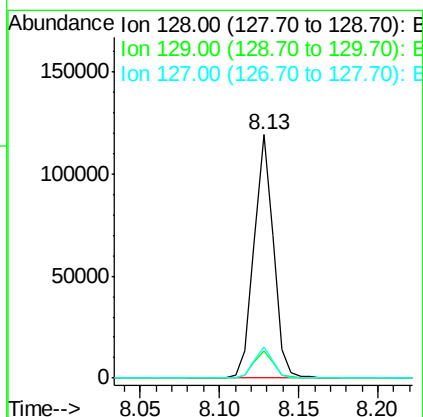
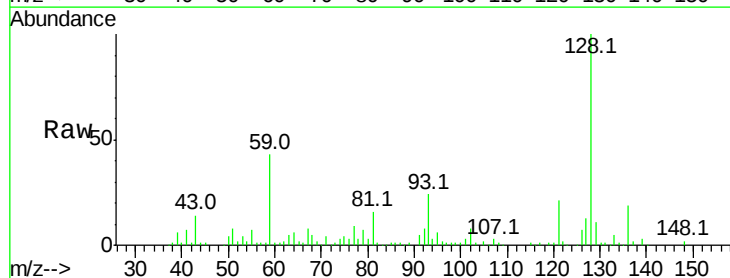
Instrument :
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TK2064L-T1-T2-T3RE

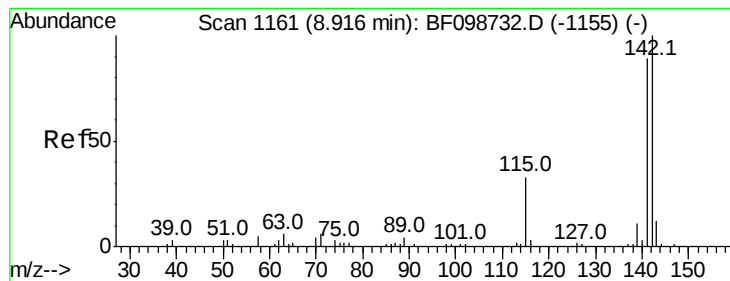
Tot Ion: 82 Resp: 145272
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 46.8 41.4 62.2



#31
Naphthalene
Concen: 4.641 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099584.D
Acq: 17 Oct 2017 16:42

Tgt Ion:128 Resp: 101785
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.7 10.9 16.3

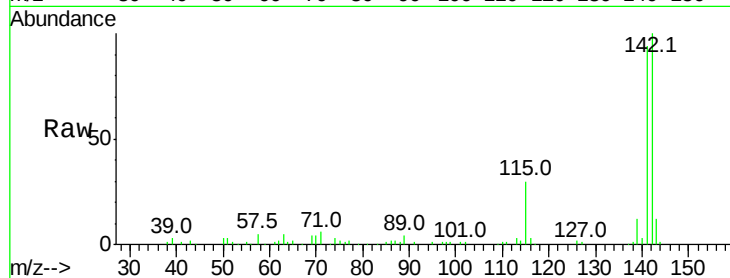




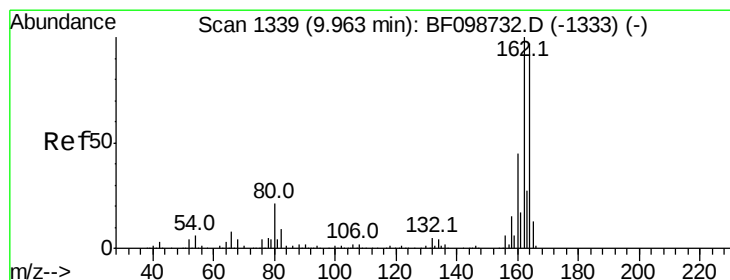
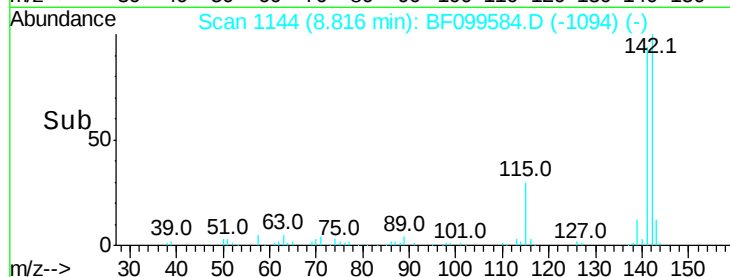
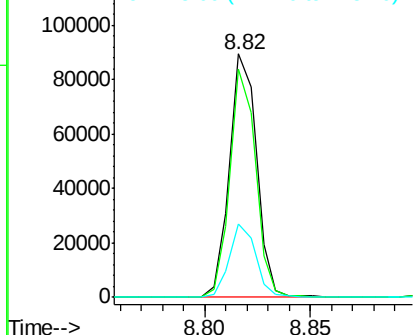
#37
2-Methylnaphthalene
Concen: 5.556 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF099584.D
Acq: 17 Oct 2017 16:42

Instrument :
BNA_F
ClientSampleId :
TK2064L-T1-T2-T3RE

Tot Ion:142 Resp: 79220
Ion Ratio Lower Upper
142 100
141 93.5 70.8 106.2
115 30.3 26.1 39.1

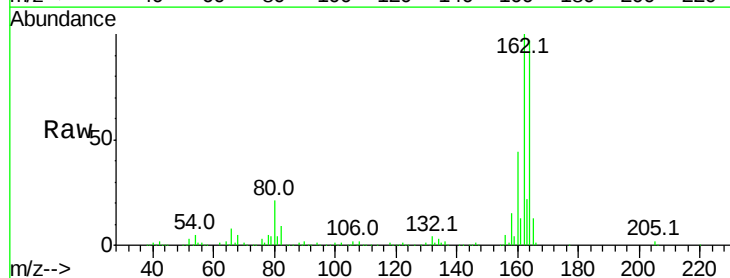


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

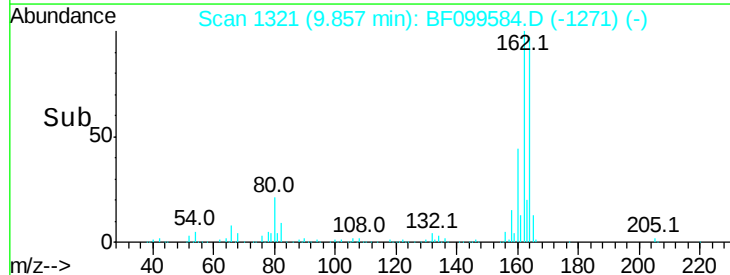
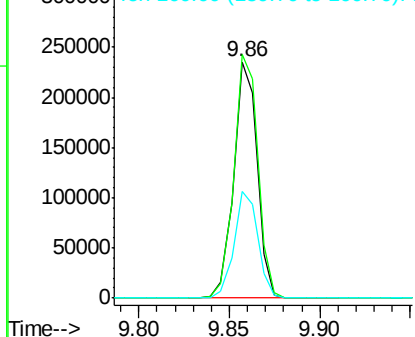


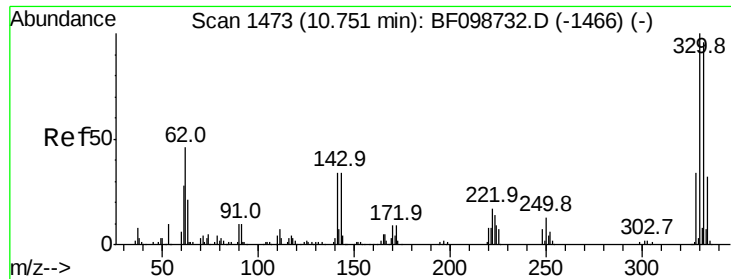
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF099584.D
Acq: 17 Oct 2017 16:42

Tgt Ion:164 Resp: 211774
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 44.9 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

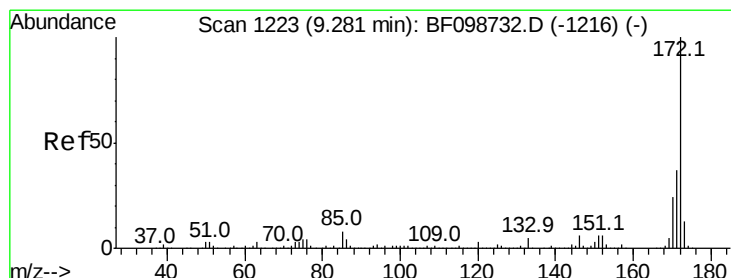
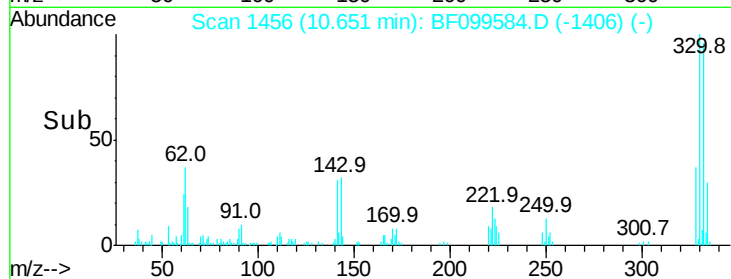
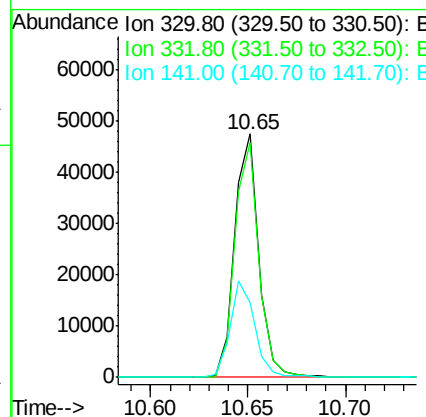
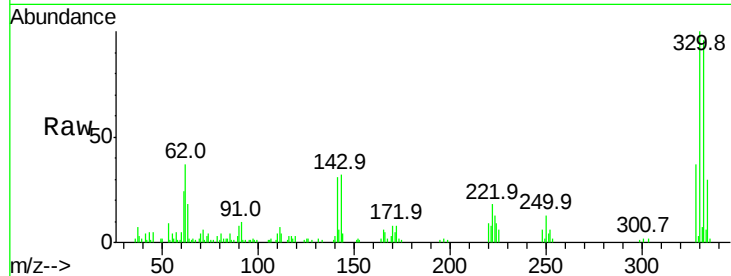




#41
 2,4,6-Tribromophenol
 Concen: 23.550 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF099584.D
 Acq: 17 Oct 2017 16:42

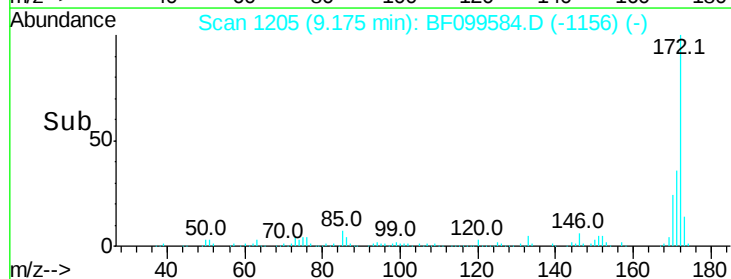
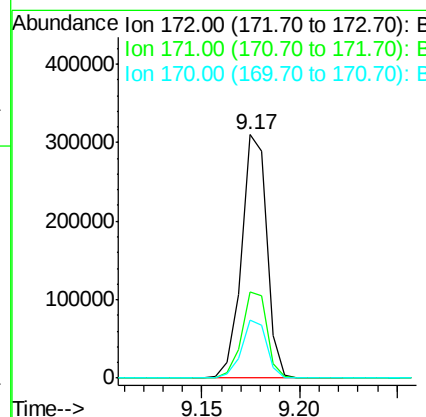
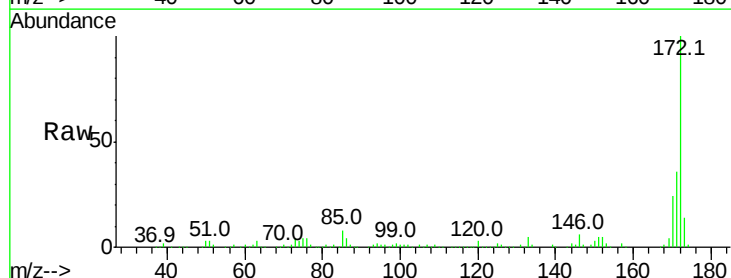
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 TK2064L-T1-T2-T3RE

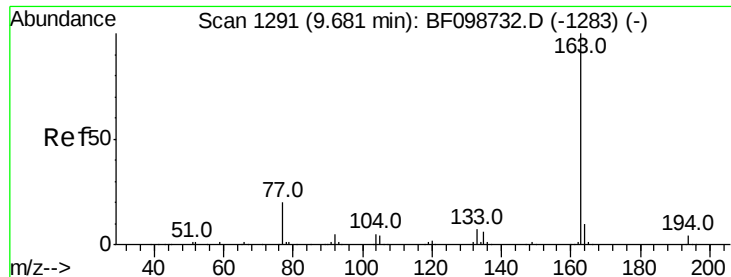
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	40.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 21.934 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF099584.D
 Acq: 17 Oct 2017 16:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4

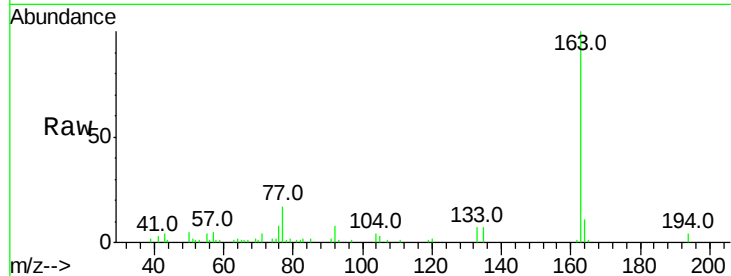




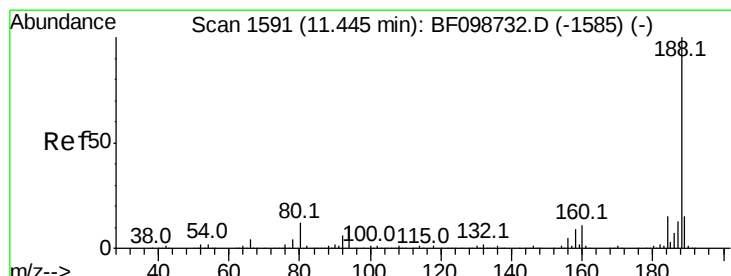
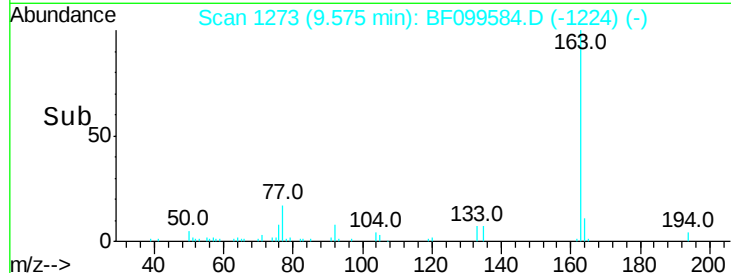
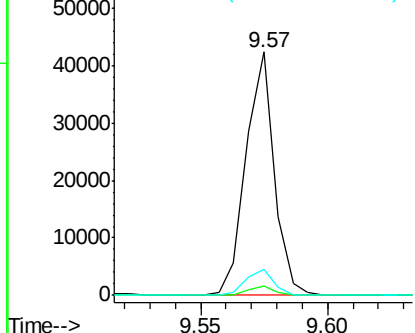
#49
Dimethylphthalate
Concen: 2.062 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF099584.D
Acq: 17 Oct 2017 16:42

Instrument :
BNA_F
ClientSampleId :
TK2064L-T1-T2-T3RE

Tot Ion:163 Resp: 32954
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.8 8.2 12.2

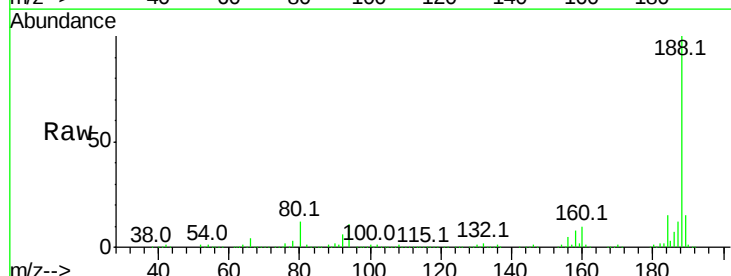


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

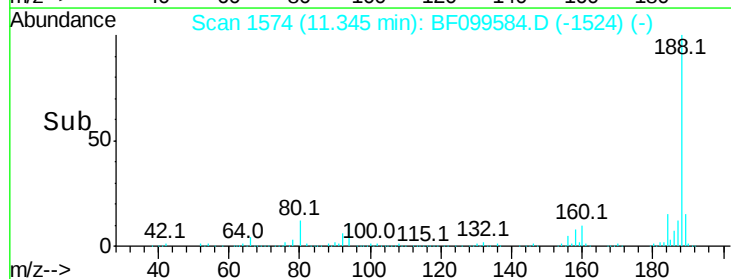
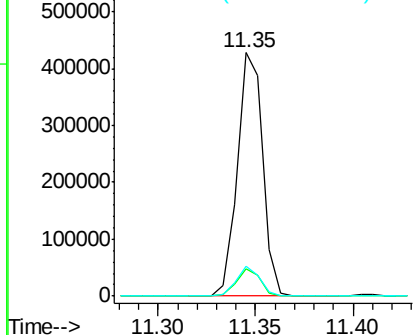


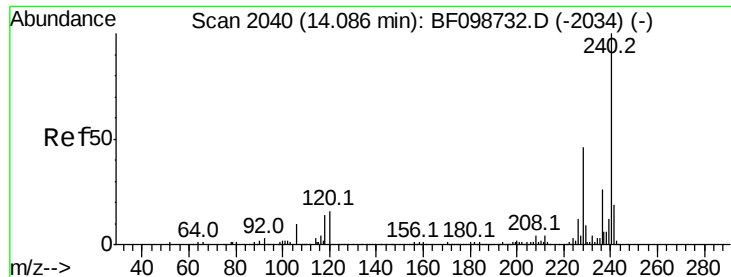
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF099584.D
Acq: 17 Oct 2017 16:42

Tgt Ion:188 Resp: 384019
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.2 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. -0.01 min

Lab File: BF099584.D

Acq: 17 Oct 2017 16:42

Instrument :

BNA_F

ClientSampleId :

TK2064L-T1-T2-T3RE

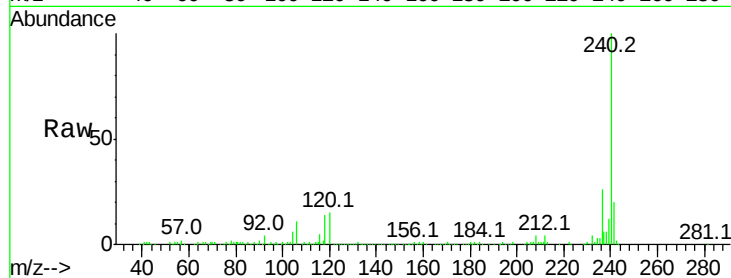
Tot Ion:240 Resp: 251068

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

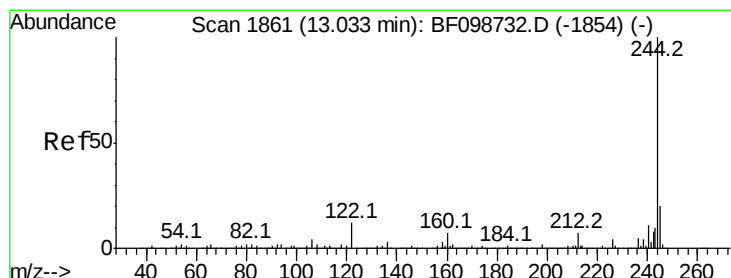
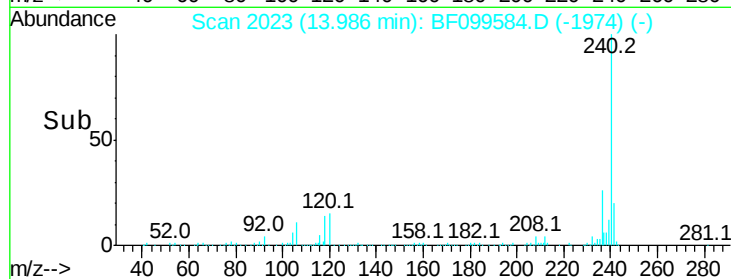
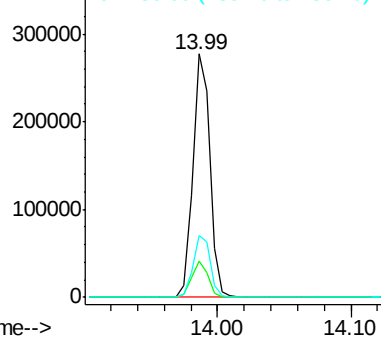
236 25.5 20.7 31.1



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: 22.241 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF099584.D

Acq: 17 Oct 2017 16:42

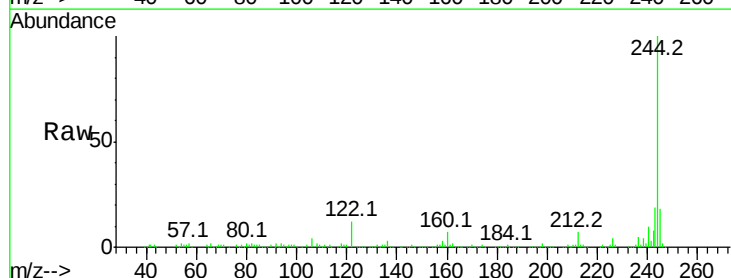
Tgt Ion:244 Resp: 245532

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

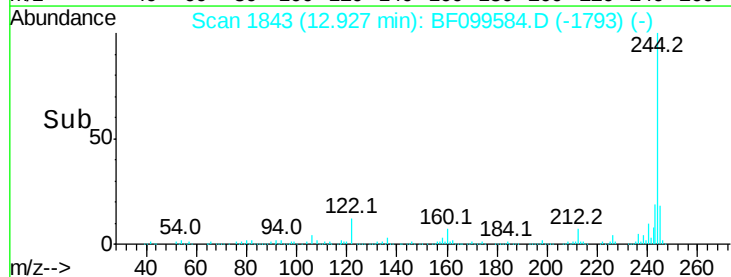
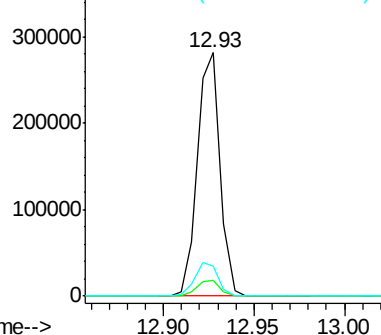
122 12.1 11.0 16.4

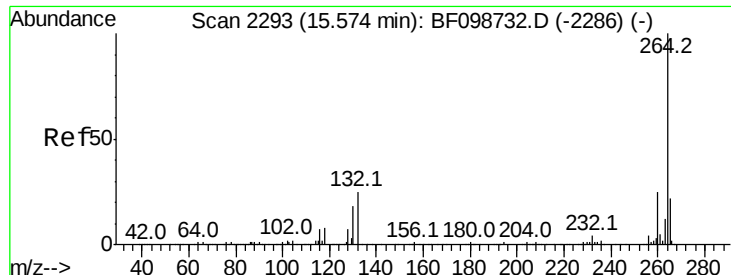


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

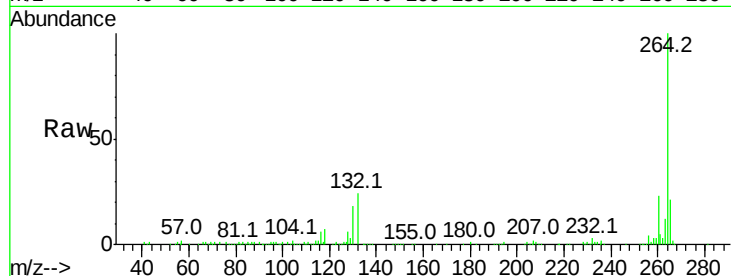




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF099584.D
Acq: 17 Oct 2017 16:42

Instrument :
BNA_F
ClientSampleId :
TK2064L-T1-T2-T3RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	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

