

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099562.D
 Acq On : 16 Oct 2017 23:40
 Operator : SJ/JU
 Sample : I5782-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5(10-12)

Quant Time: Oct 17 02:42:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

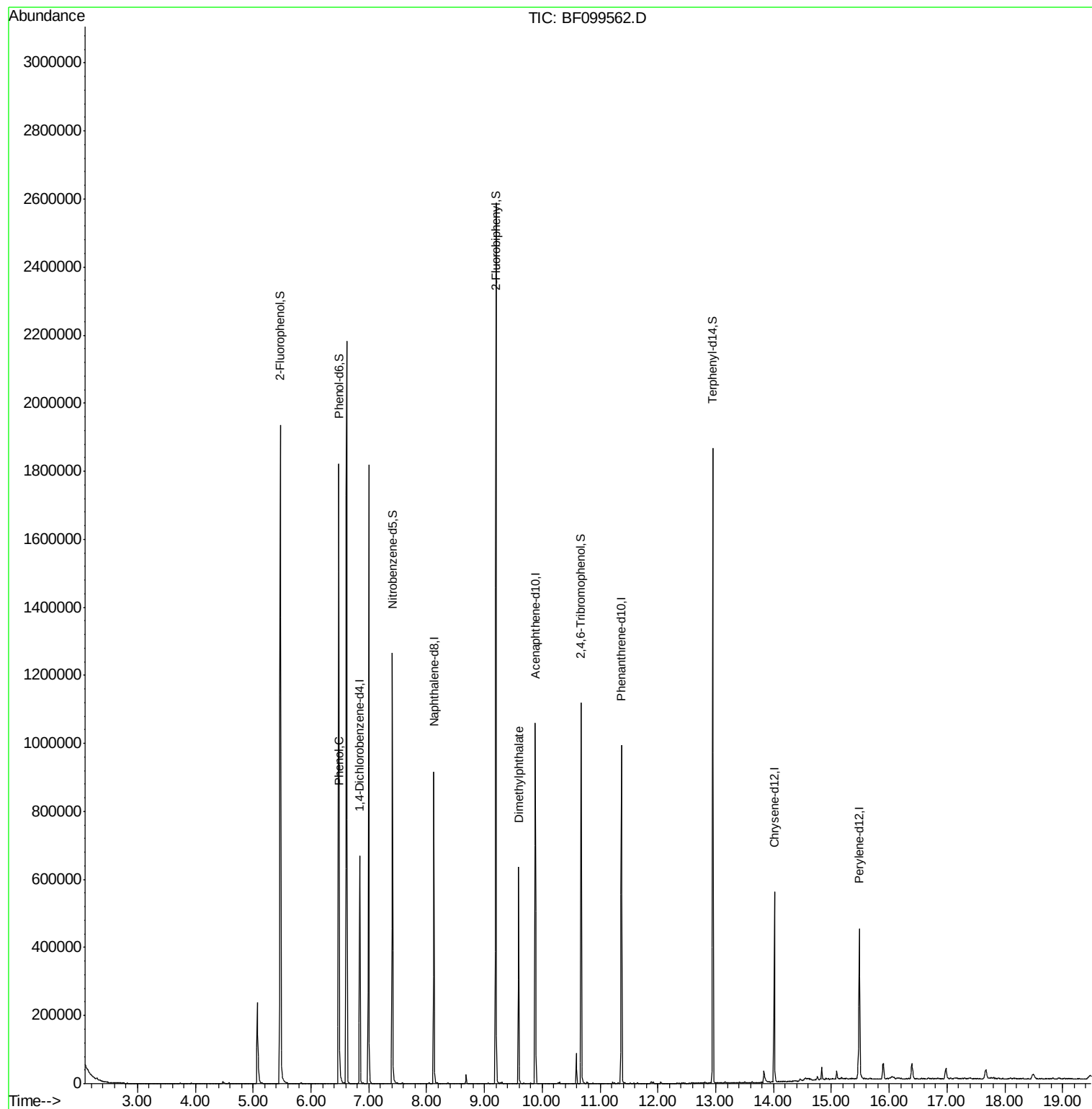
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	109249	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	446388	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	195658	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	329401	20.00	ng	0.00
75) Chrysene-d12	14.02	240	195938	20.00	ng	0.00
86) Perylene-d12	15.49	264	196651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	599116	87.30	ng	0.00
7) Phenol-d6	6.48	99	713301	84.25	ng	0.00
23) Nitrobenzene-d5	7.41	82	421067	60.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	138576	86.56	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	798778	68.15	ng	-0.01
78) Terphenyl-d14	12.95	244	562358	65.27	ng	0.00
Target Compounds						
10) Phenol	6.49	94	48123	5.083	ng	93
49) Dimethylphthalate	9.59	163	249689	16.908	ng	100

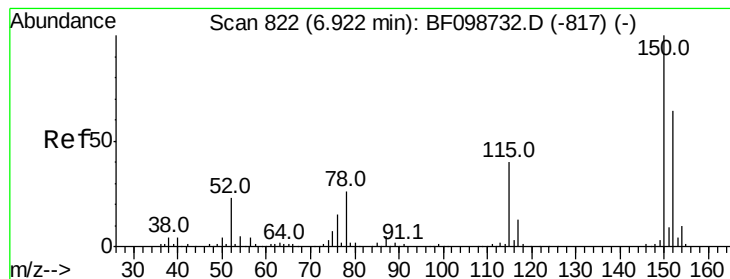
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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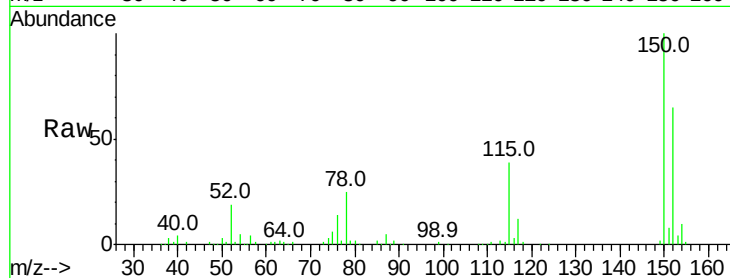


#1

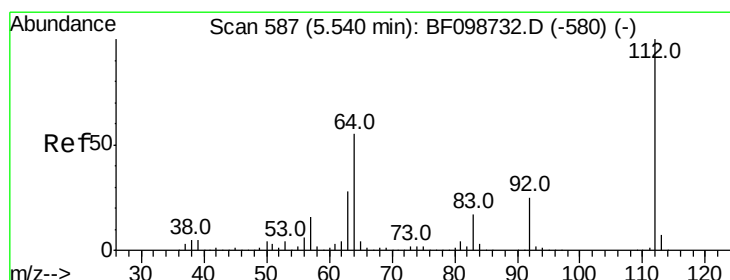
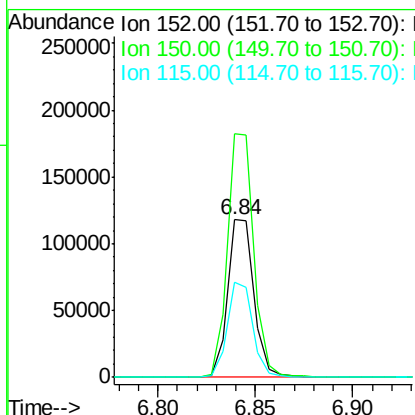
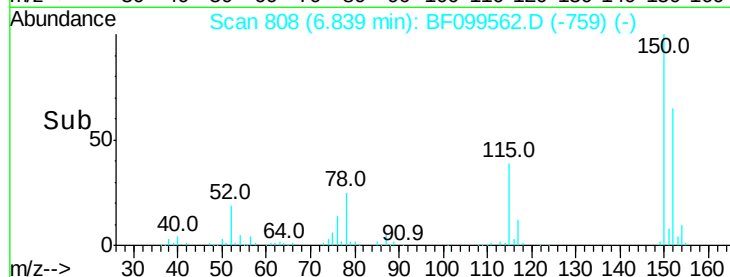
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF099562.D
Acq: 16 Oct 2017 23:40

Instrument :
BNA_F
ClientSampleId :
S5(10-12)

Tot Ion:152 Resp: 109249
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 60.4 50.1 75.1



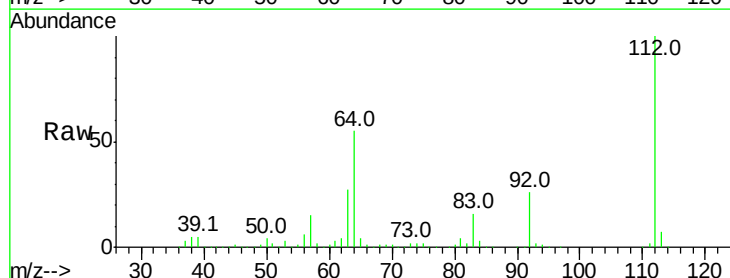
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



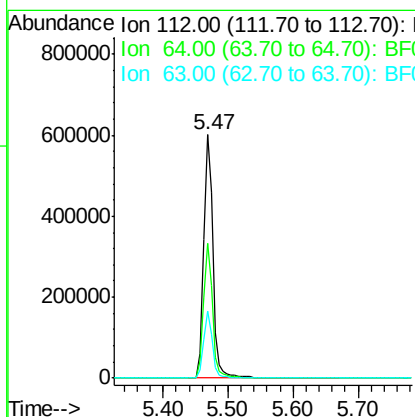
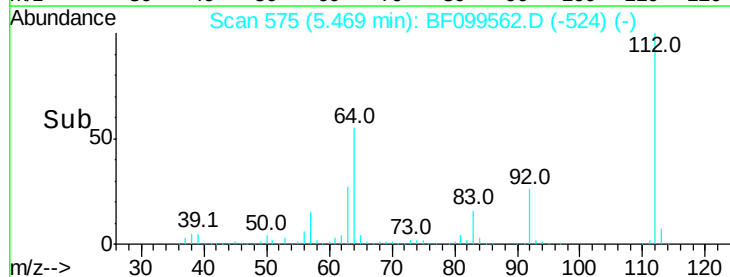
#5

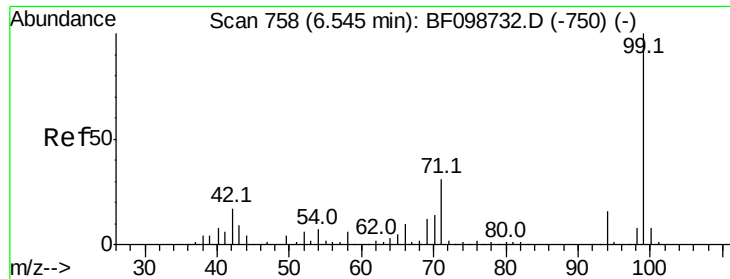
2-Fluorophenol
Concen: 87.299 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF099562.D
Acq: 16 Oct 2017 23:40

Tgt Ion:112 Resp: 599116
Ion Ratio Lower Upper
112 100
64 55.3 47.9 71.9
63 27.5 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: 84.254 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099562.D

Acq: 16 Oct 2017 23:40

Instrument :

BNA_F

ClientSampleId :

S5(10-12)

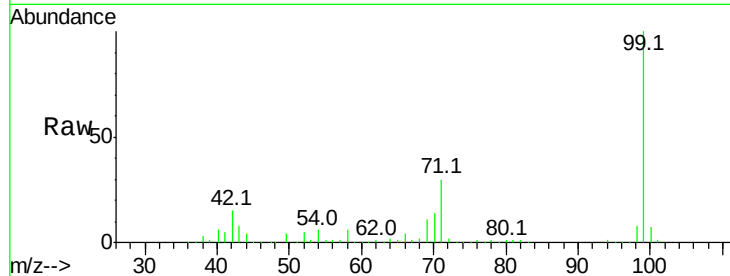
Tot Ion: 99 Resp: 713301

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

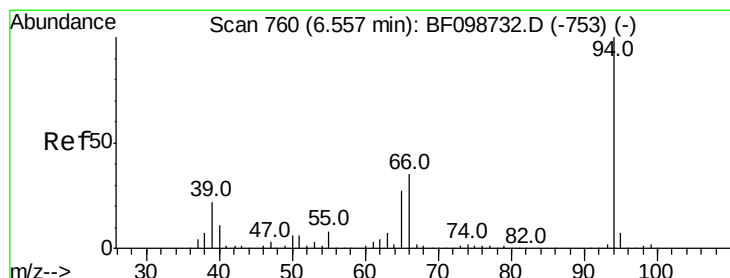
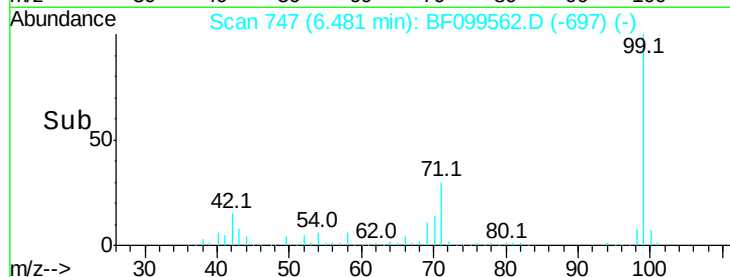
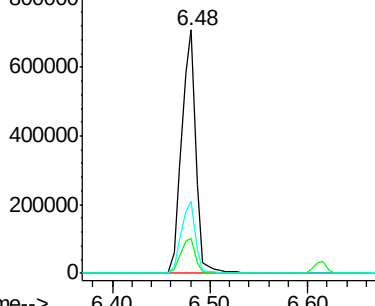
71 29.5 25.4 38.0



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: 5.083 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099562.D

Acq: 16 Oct 2017 23:40

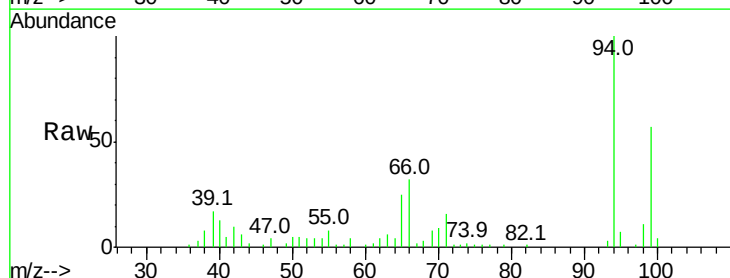
Tgt Ion: 94 Resp: 48123

Ion Ratio Lower Upper

94 100

65 24.9 7.9 47.9

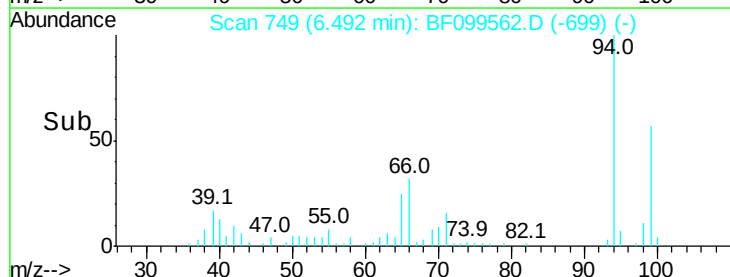
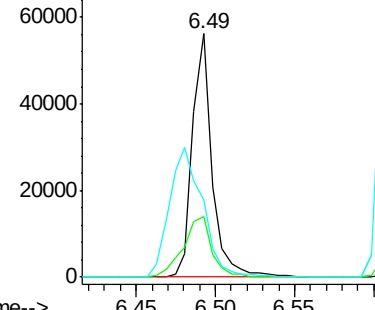
66 31.7 16.2 56.2

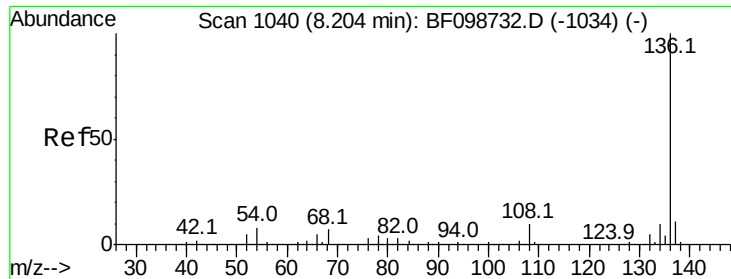


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

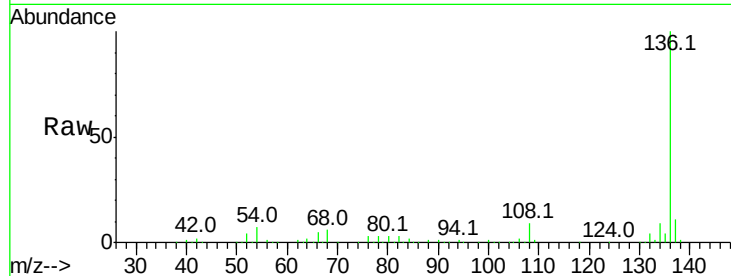




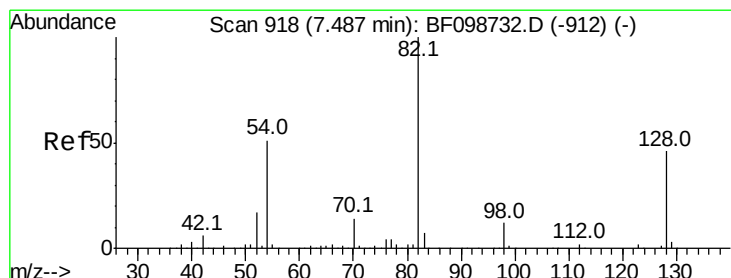
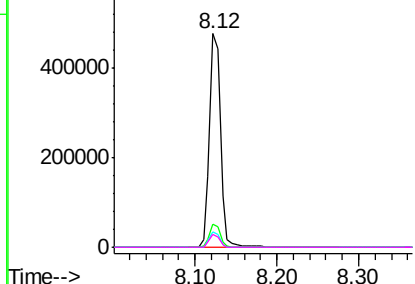
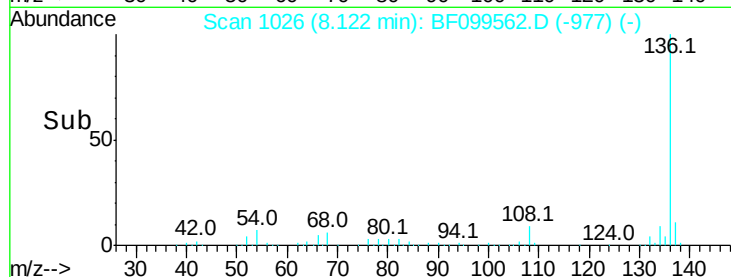
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099562.D
Acq: 16 Oct 2017 23:40

Instrument :
BNA_F
ClientSampleId :
S5(10-12)

Tot Ion:	136	Resp:	446388
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.3	5.0	7.4

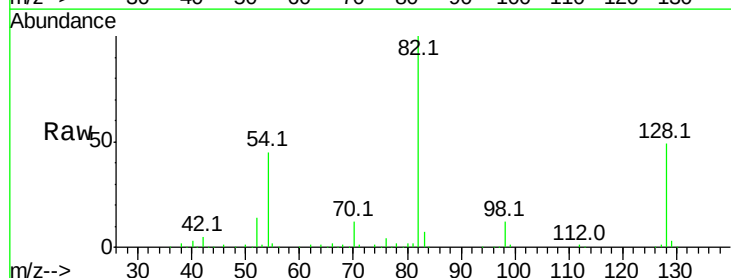


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

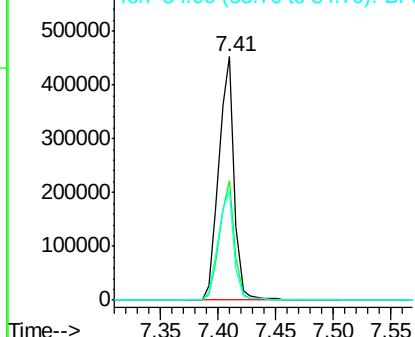
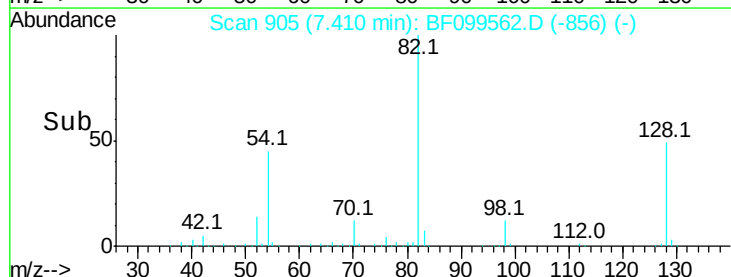


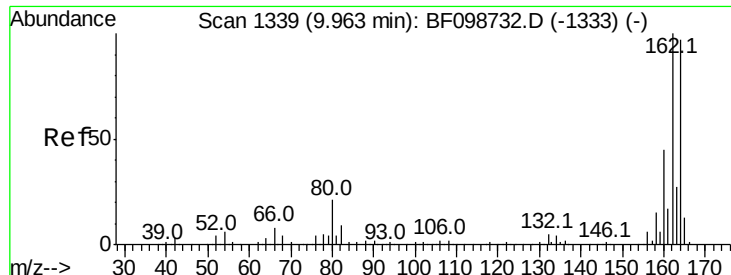
#23
Nitrobenzene-d5
Concen: 60.492 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099562.D
Acq: 16 Oct 2017 23:40

Tgt Ion:	82	Resp:	421067
Ion	Ratio	Lower	Upper
82	100		
128	49.1	36.1	54.1
54	44.9	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

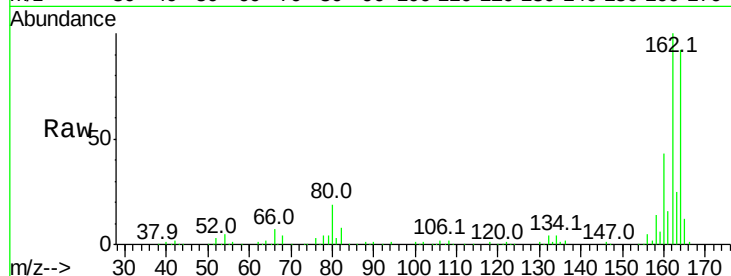




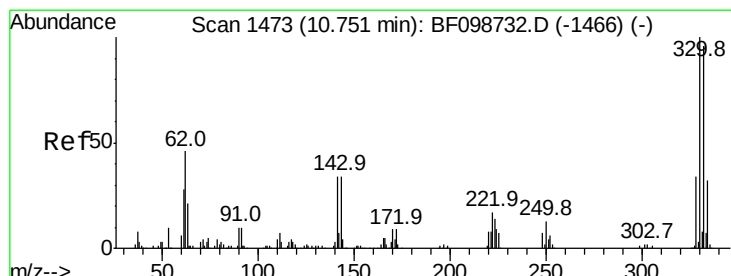
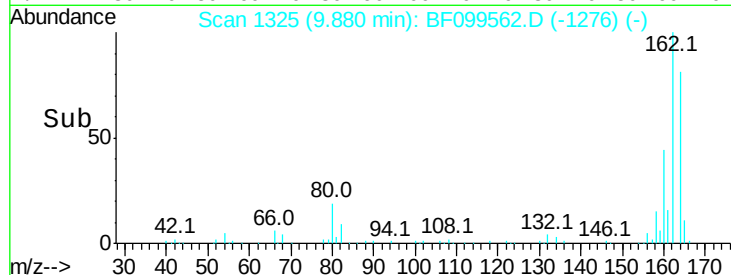
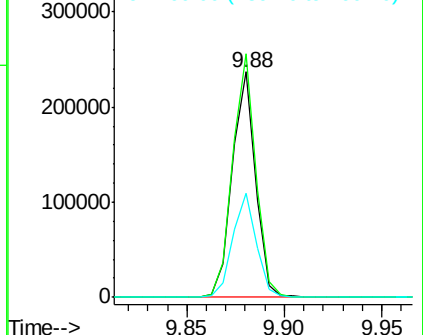
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF099562.D
 Acq: 16 Oct 2017 23:40

Instrument :
 BNA_F
 ClientSampleId :
 S5(10-12)

Tot Ion:164 Resp: 195658
 Ion Ratio Lower Upper
 164 100
 162 108.1 86.1 129.1
 160 46.4 38.3 57.5

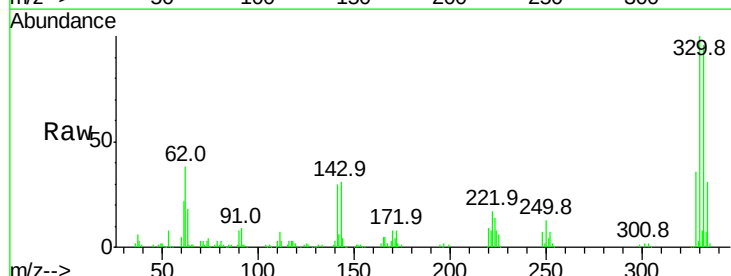


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

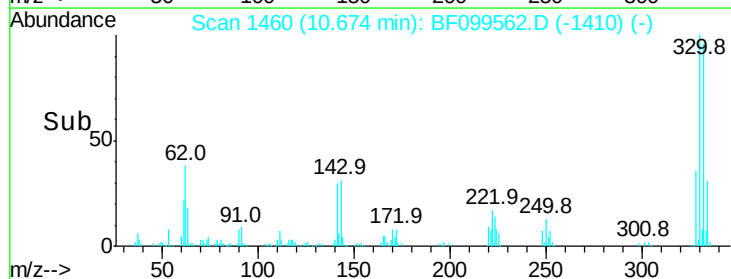
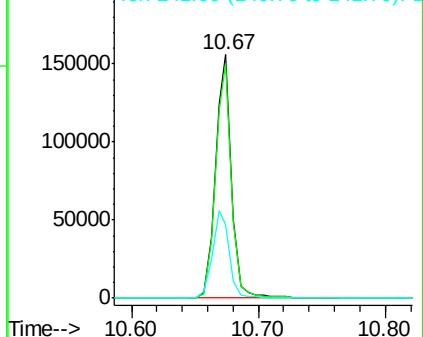


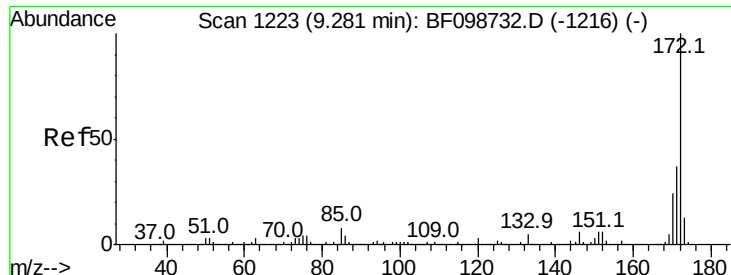
#41
 2,4,6-Tribromophenol
 Concen: 86.555 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099562.D
 Acq: 16 Oct 2017 23:40

Tgt Ion:330 Resp: 138576
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 37.9 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

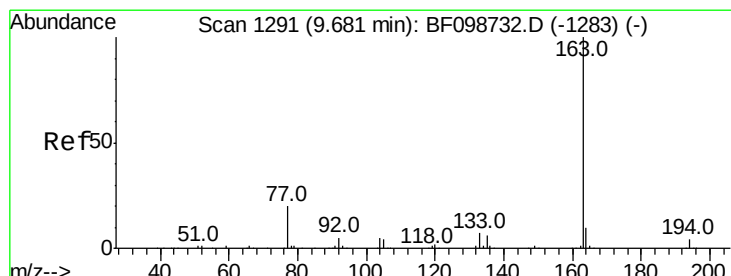
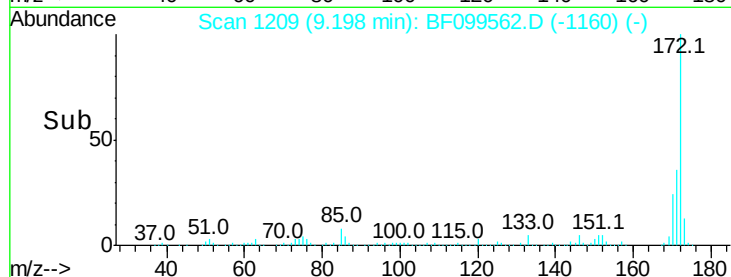
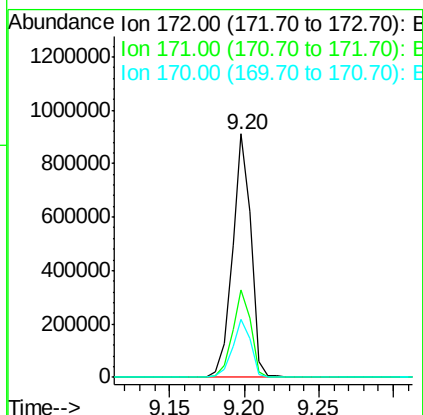
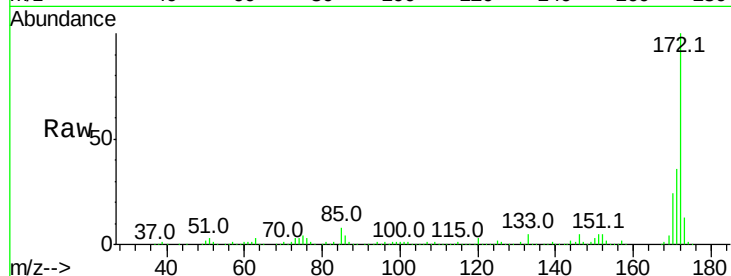




#44
 2-Fluorobiphenyl
 Concen: 68.154 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099562.D
 Acq: 16 Oct 2017 23:40

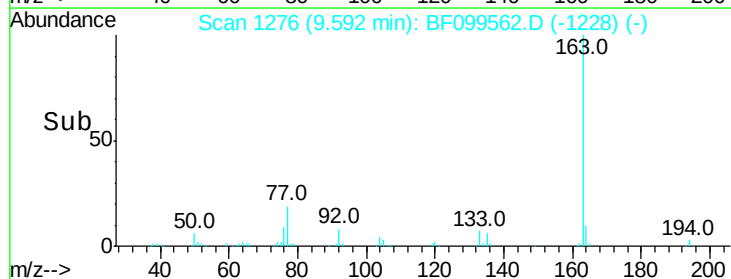
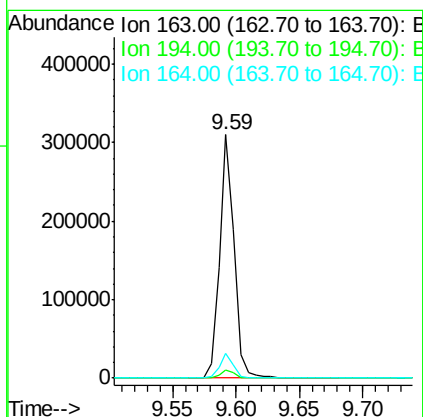
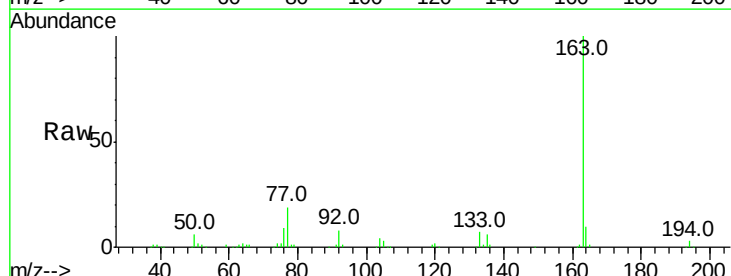
Instrument :
 BNA_F
 ClientSampleId :
 S5(10-12)

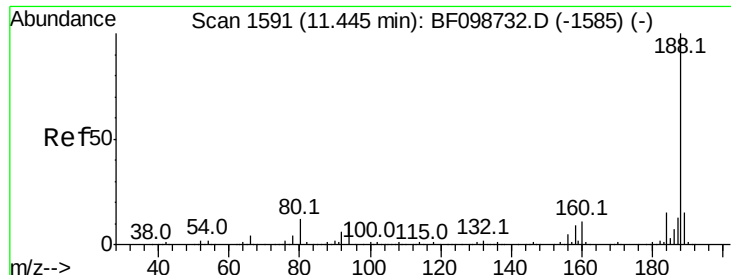
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4



#49
 Dimethylphthalate
 Concen: 16.908 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF099562.D
 Acq: 16 Oct 2017 23:40

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2

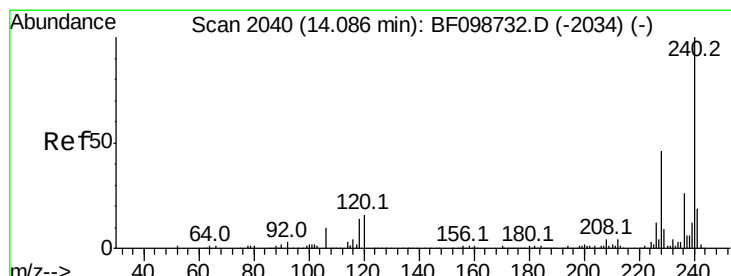
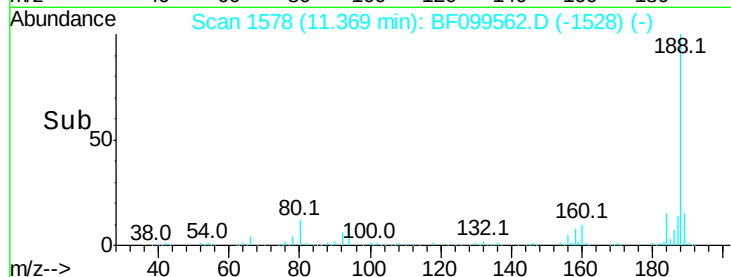
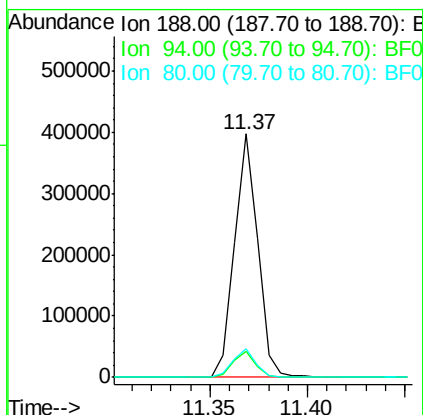
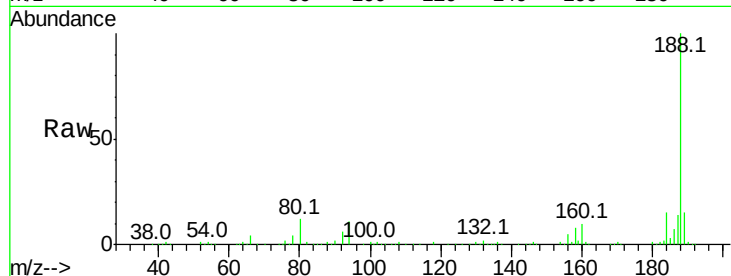




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099562.D
Acq: 16 Oct 2017 23:40

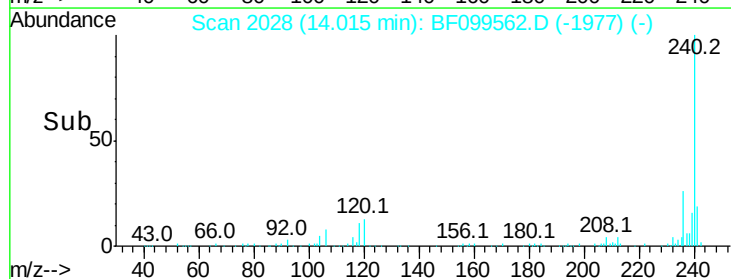
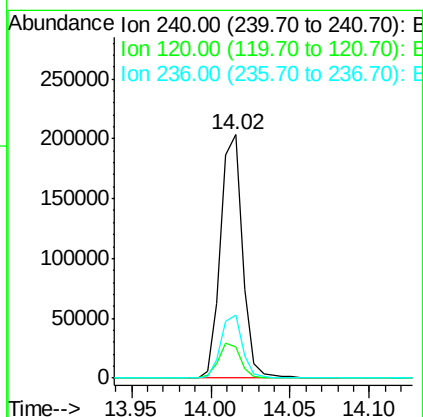
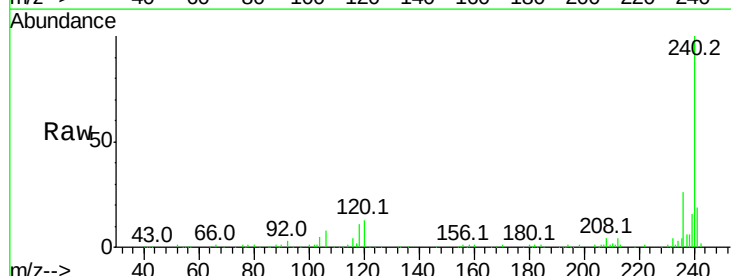
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S5(10-12)

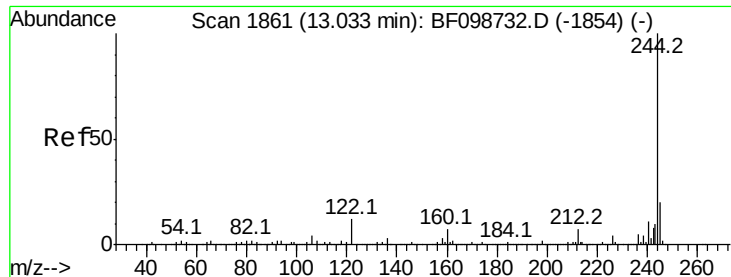
Tot Ion:188 Resp: 329401
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099562.D
Acq: 16 Oct 2017 23:40

Tgt Ion:240 Resp: 195938
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.8 20.7 31.1





#78

Terphenyl-d14

Concen: 65.271 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099562.D

Acq: 16 Oct 2017 23:40

Instrument :

BNA_F

ClientSampleId :

S5(10-12)

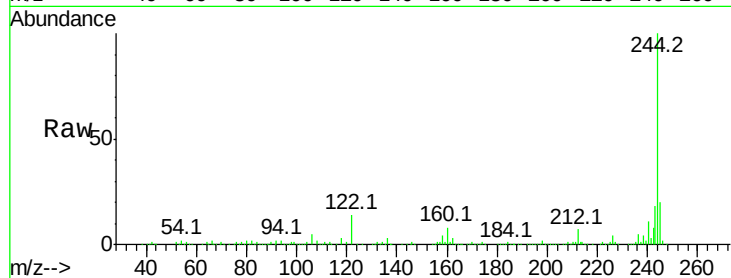
Tot Ion:244 Resp: 562358

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

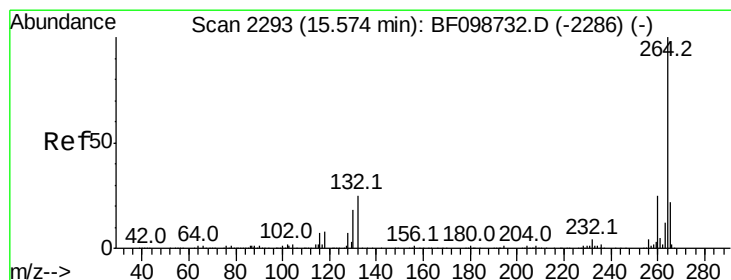
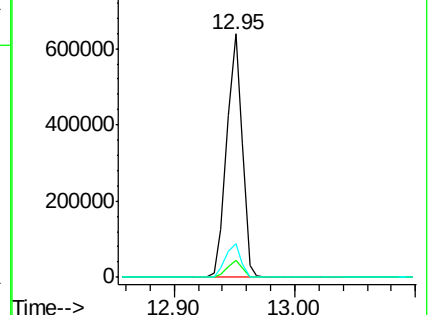
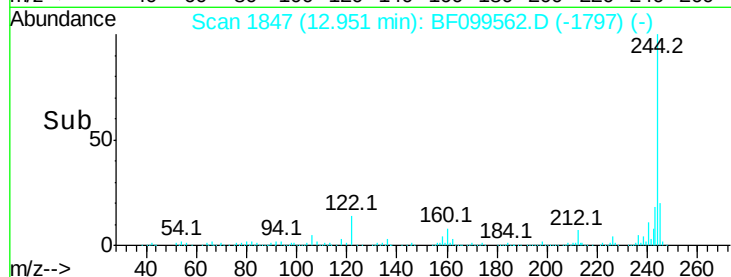
122 14.1 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099562.D

Acq: 16 Oct 2017 23:40

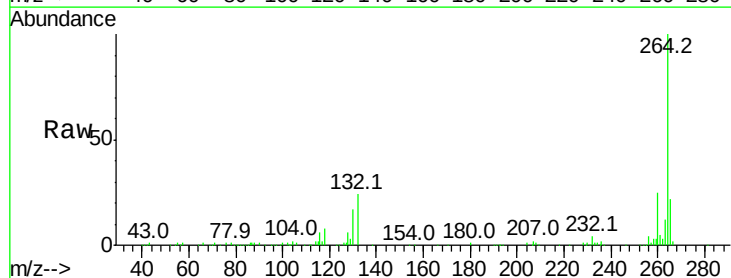
Tgt Ion:264 Resp: 196651

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 22.0 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

