

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100023.D
 Acq On : 31 Oct 2017 23:59
 Operator : SJ/JU
 Sample : I6081-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-NATIVE

Quant Time: Nov 01 05:45:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

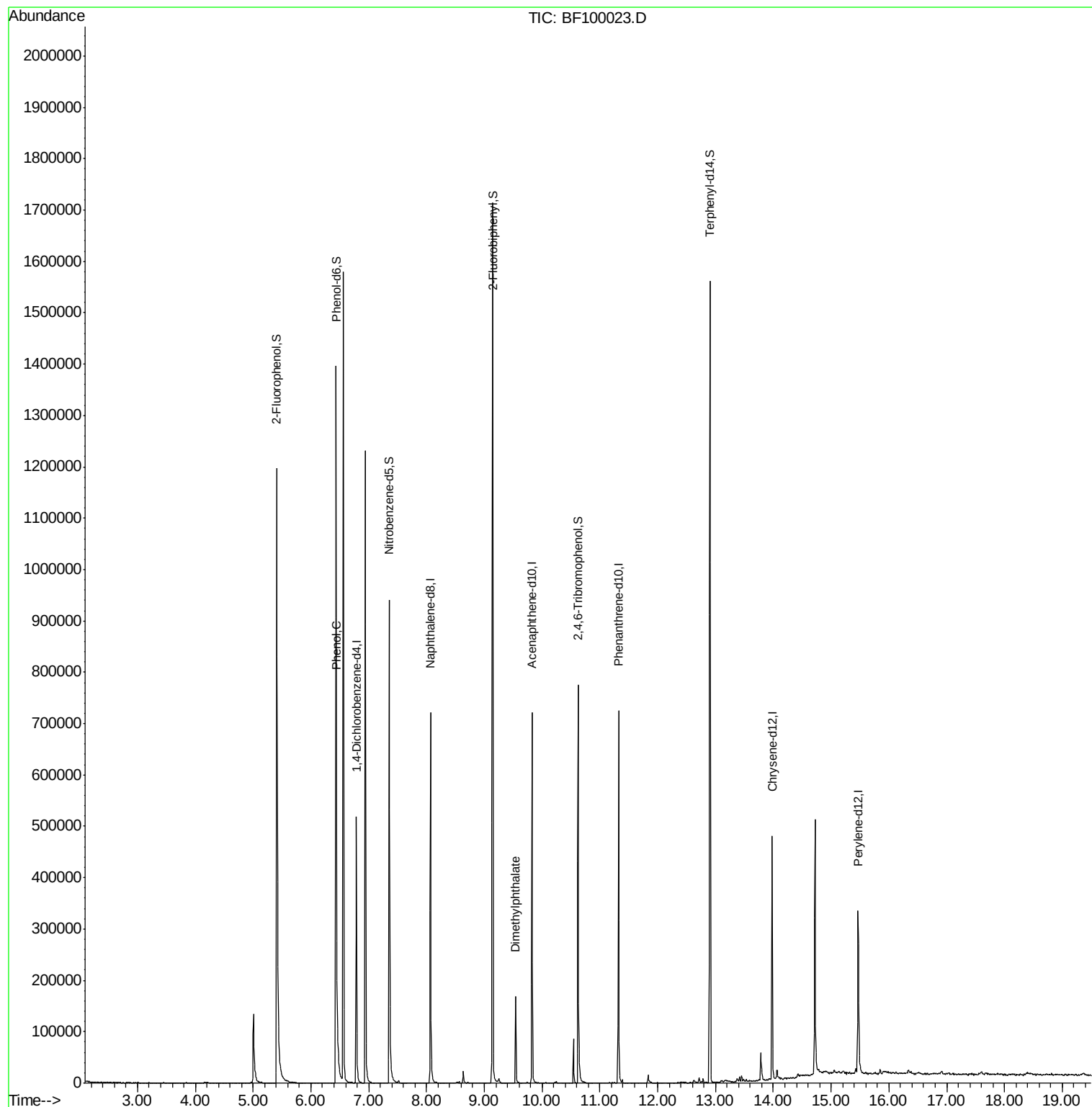
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	84150	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	346267	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	155683	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	268136	20.00	ng	0.00
75) Chrysene-d12	13.98	240	165247	20.00	ng	0.00
86) Perylene-d12	15.47	264	158299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	468022	87.32	ng	0.00
7) Phenol-d6	6.43	99	569206	89.56	ng	0.00
23) Nitrobenzene-d5	7.36	82	313416	58.27	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	101075	71.24	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	578269	57.31	ng	0.00
78) Terphenyl-d14	12.90	244	489676	64.76	ng	0.00
Target Compounds						
10) Phenol	6.45	94	32602	4.672	ng	92
49) Dimethylphthalate	9.54	163	85594	6.943	ng	100

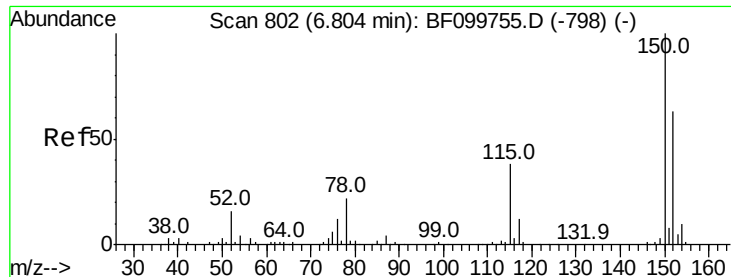
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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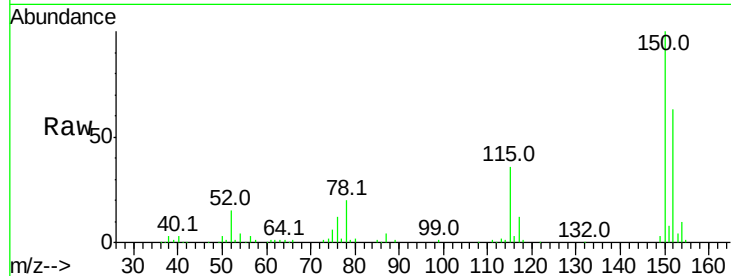


#1

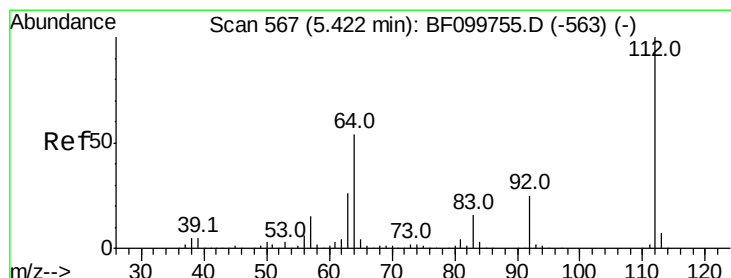
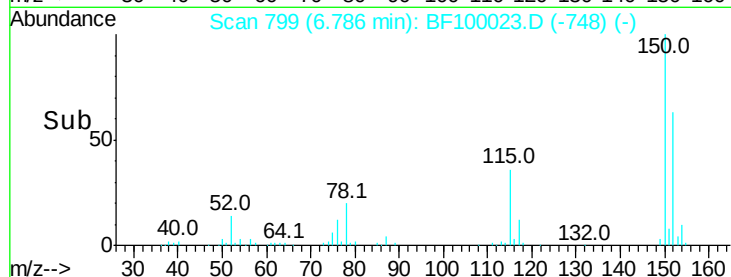
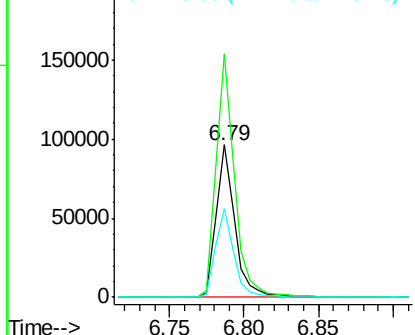
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-NATIVE

Tot Ion:152 Resp: 84150
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 58.1 50.1 75.1



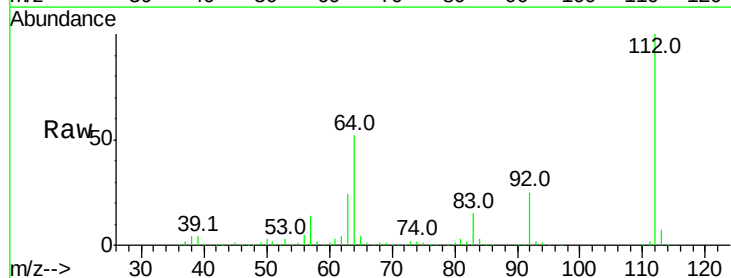
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



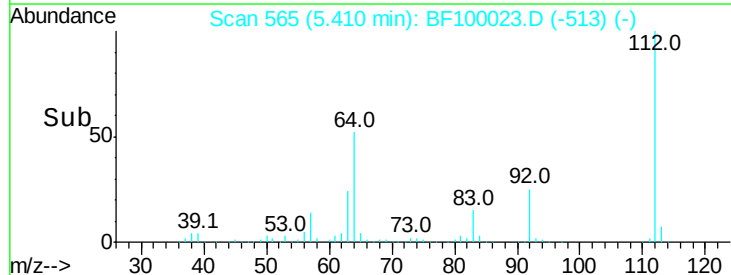
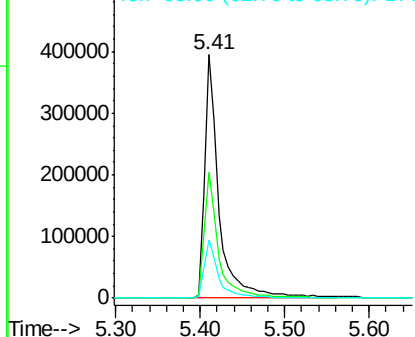
#5

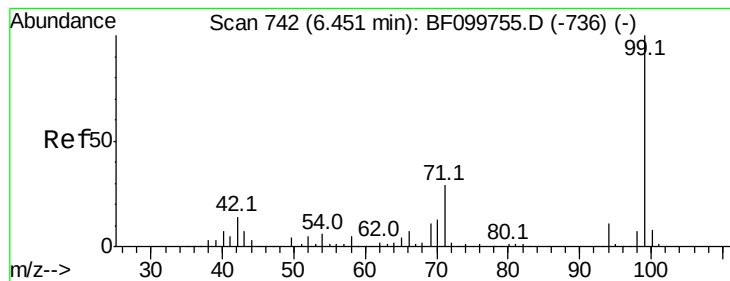
2-Fluorophenol
Concen: 87.318 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

Tgt Ion:112 Resp: 468022
Ion Ratio Lower Upper
112 100
64 51.9 47.9 71.9
63 24.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 89.562 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF100023.D

Acq: 31 Oct 2017 23:59

Instrument :

BNA_F

ClientSampleId :

Q4-COMP-NATIVE

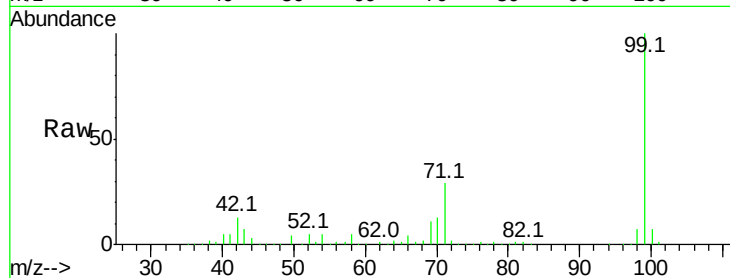
Tot Ion: 99 Resp: 569206

Ion Ratio Lower Upper

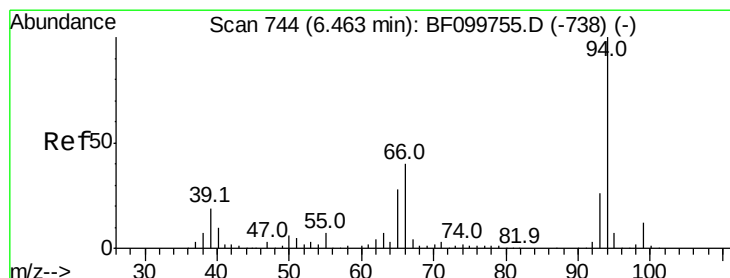
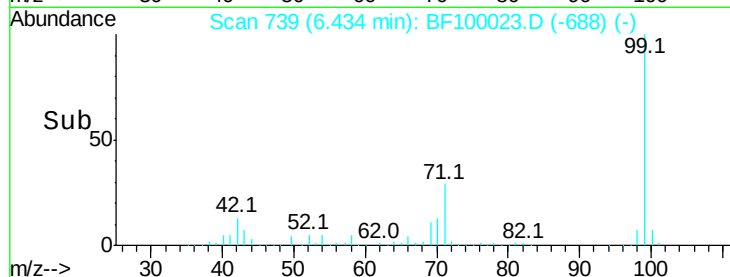
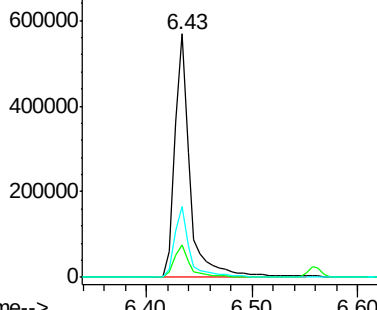
99 100

42 13.4 14.5 21.7#

71 29.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.672 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF100023.D

Acq: 31 Oct 2017 23:59

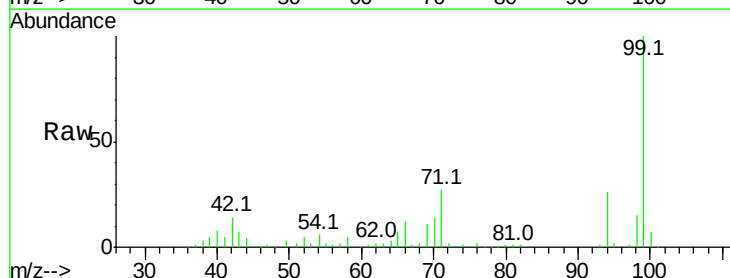
Tgt Ion: 94 Resp: 32602

Ion Ratio Lower Upper

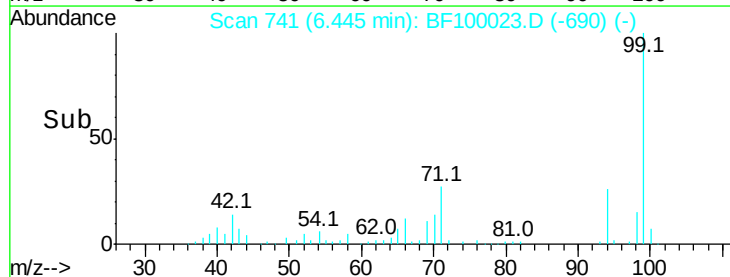
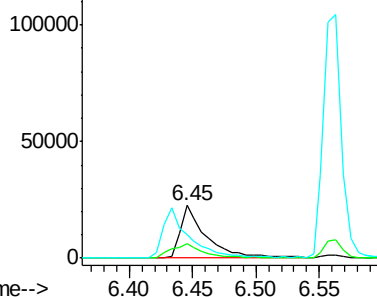
94 100

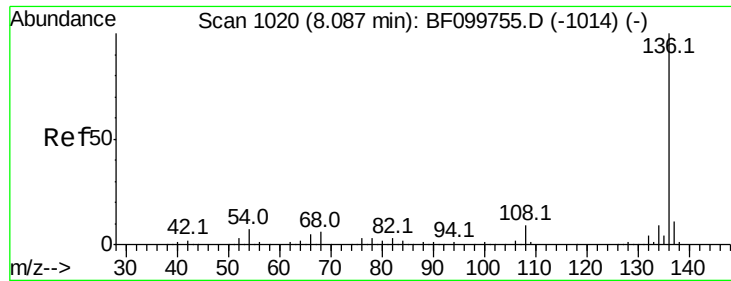
65 27.8 7.9 47.9

66 44.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

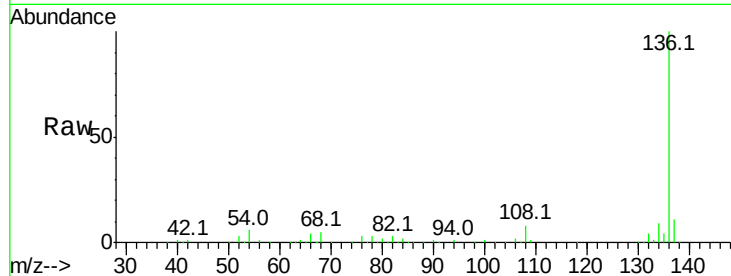




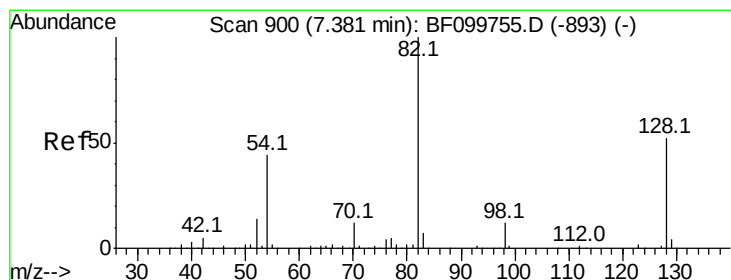
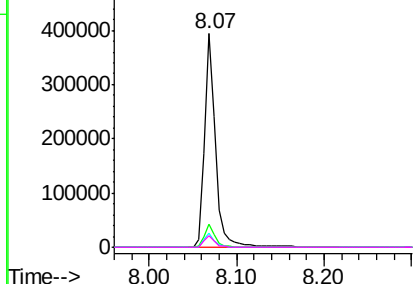
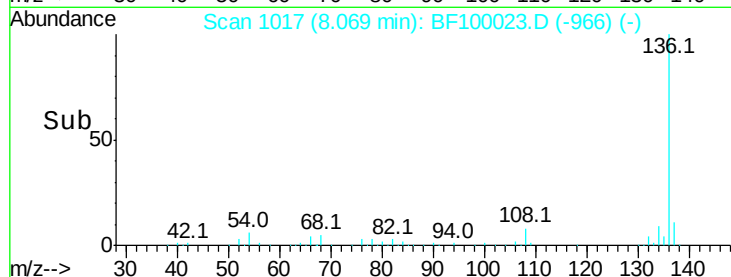
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-NATIVE

Tot Ion:	136	Resp:	346267
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.4	6.6	9.8#
68	5.4	5.0	7.4

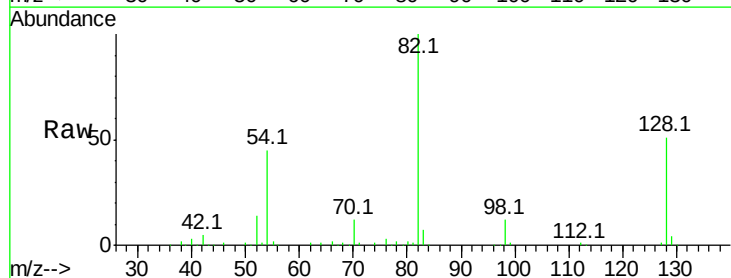


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

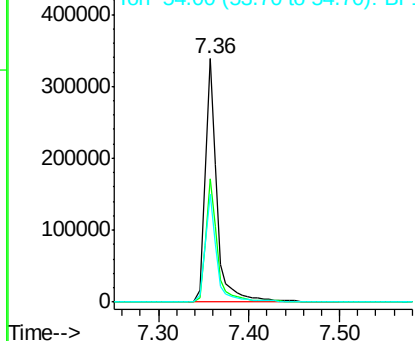
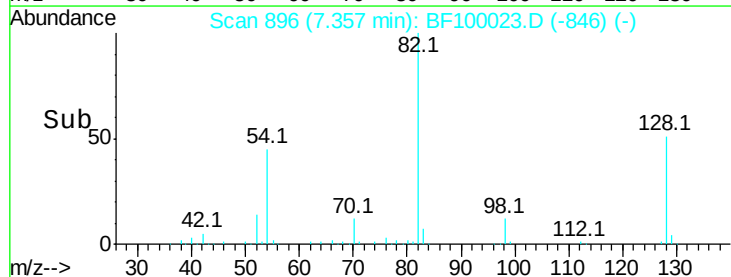


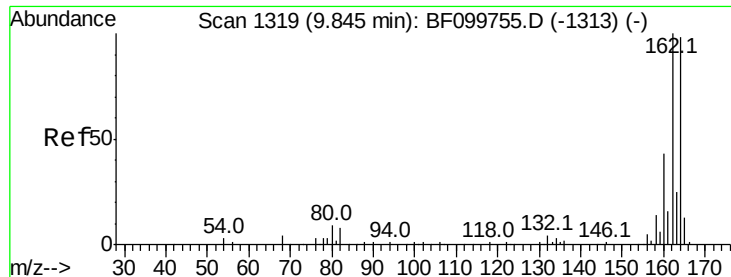
#23
Nitrobenzene-d5
Concen: 58.273 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

Tgt Ion:	82	Resp:	313416
Ion	Ratio	Lower	Upper
82	100		
128	50.7	36.1	54.1
54	44.5	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

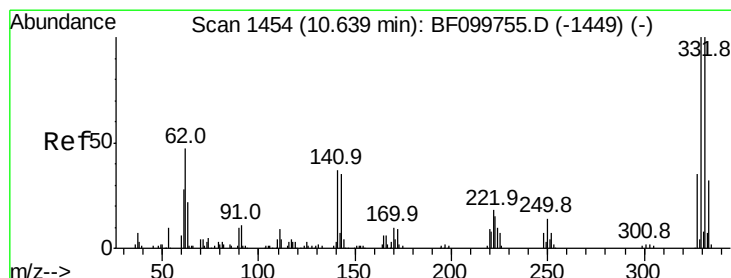
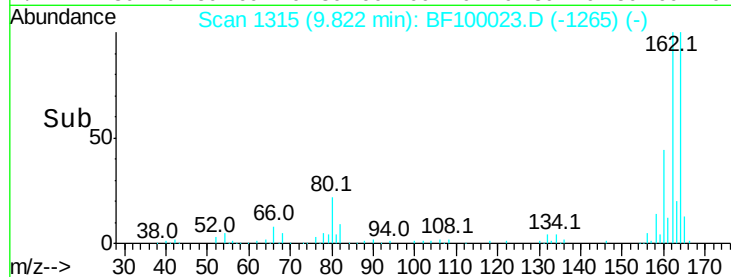
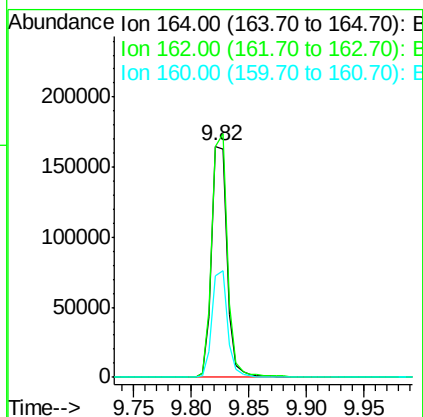
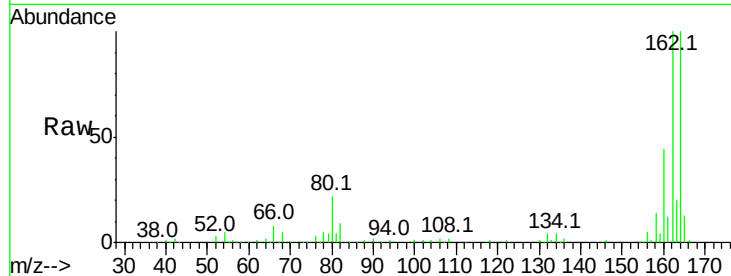




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100023.D
 Acq: 31 Oct 2017 23:59

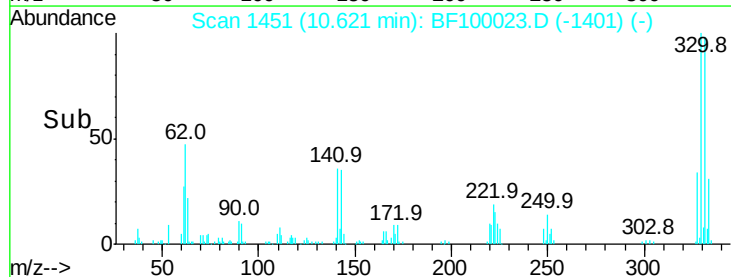
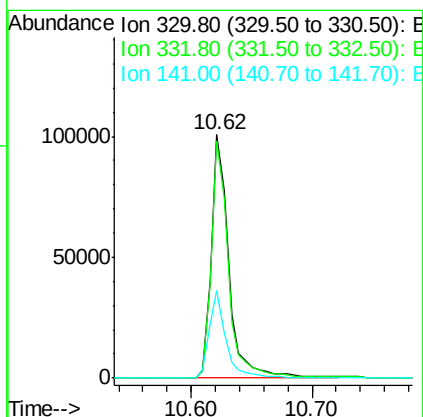
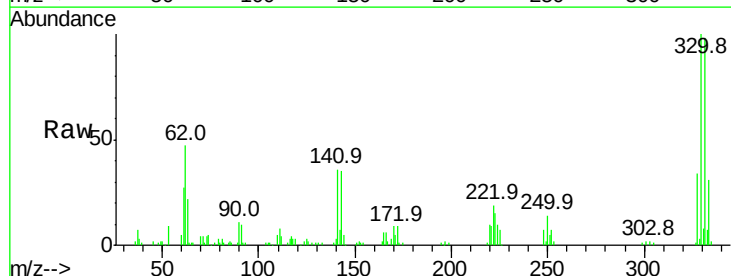
Instrument :
 BNA_F
 ClientSampleId :
 Q4-COMP-NATIVE

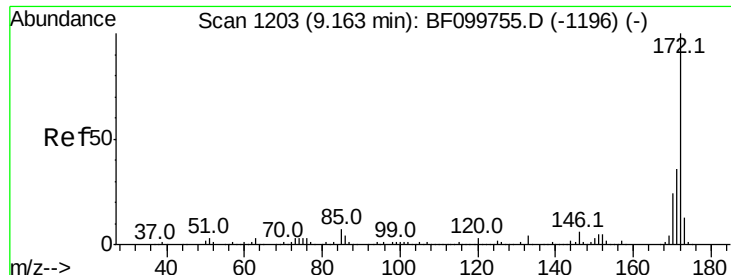
Tot Ion:164 Resp: 155683
 Ion Ratio Lower Upper
 164 100
 162 100.0 86.1 129.1
 160 44.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 71.242 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100023.D
 Acq: 31 Oct 2017 23:59

Tgt Ion:330 Resp: 101075
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 34.5 29.9 44.9

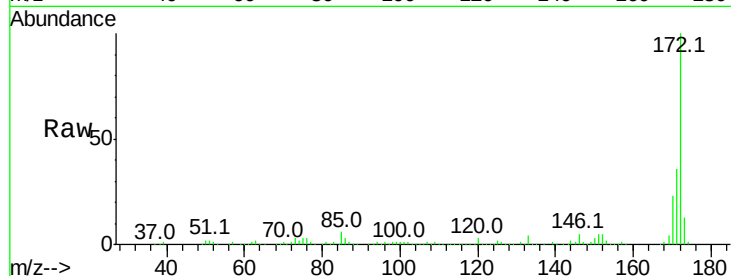




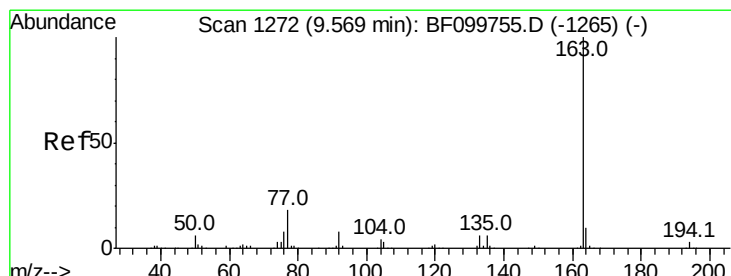
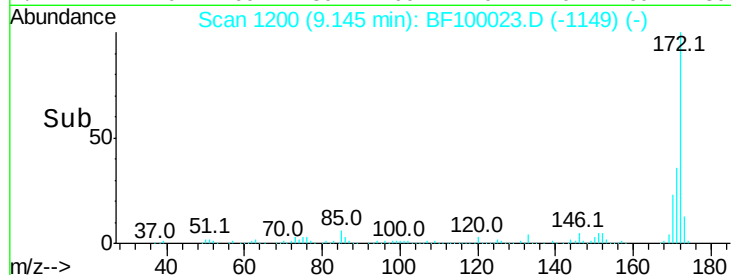
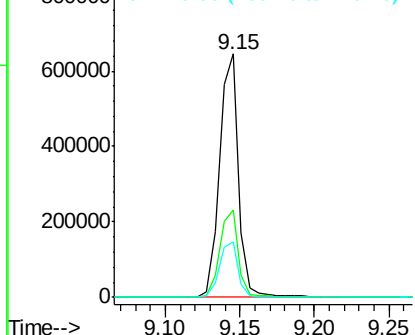
#44
2-Fluorobiphenyl
Concen: 57.307 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.00 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-NATIVE

Tot Ion:172 Resp: 578269
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 23.0 19.6 29.4

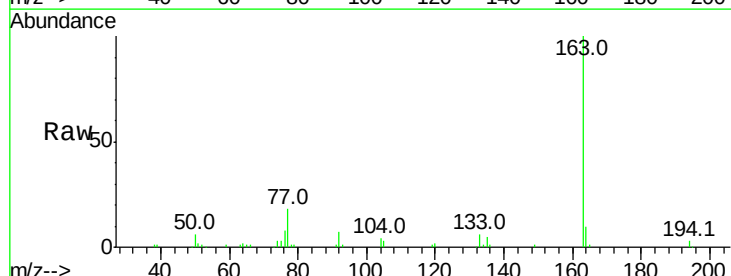


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

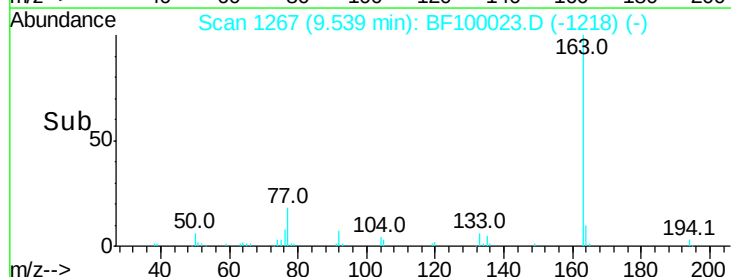
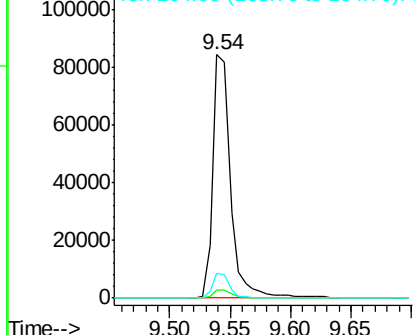


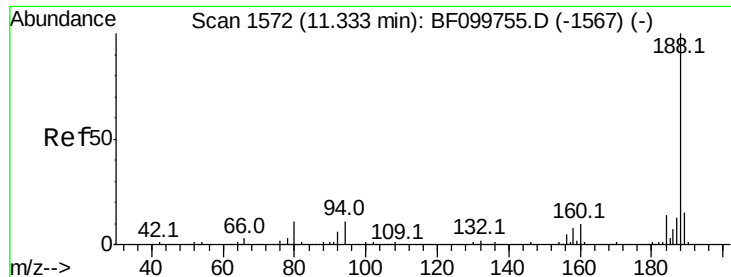
#49
Dimethylphthalate
Concen: 6.943 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

Tgt Ion:163 Resp: 85594
Ion Ratio Lower Upper
163 100
194 3.5 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

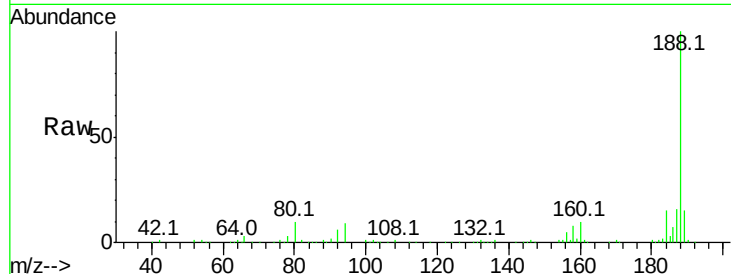




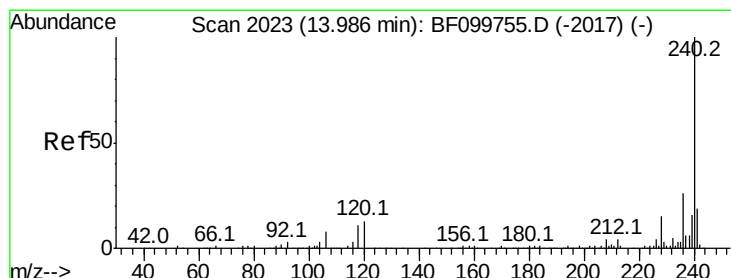
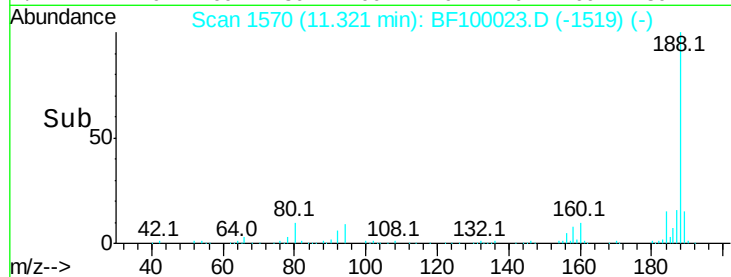
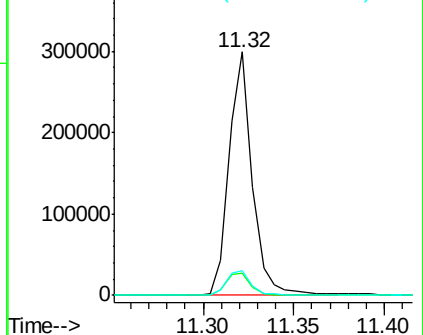
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

Instrument :
BNA_F
ClientSampleId :
Q4-COMP-NATIVE

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.0	9.2	13.8

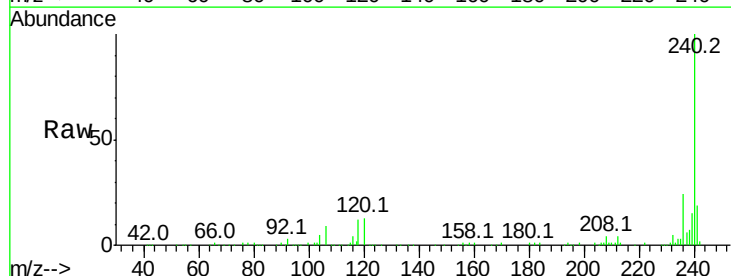


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

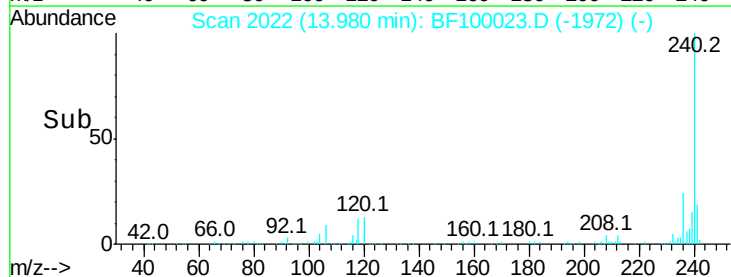
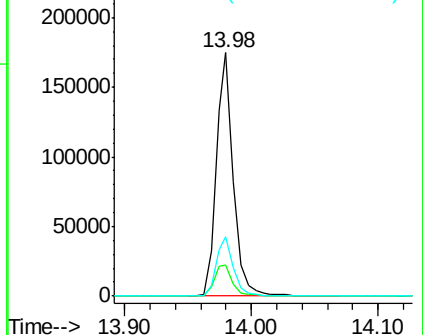


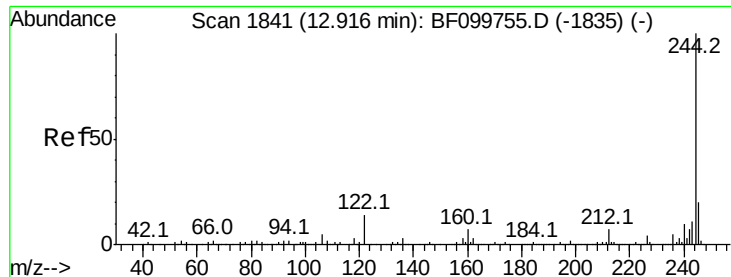
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100023.D
Acq: 31 Oct 2017 23:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	9.5	14.3
236	24.5	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: 64.759 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF100023.D

Acq: 31 Oct 2017 23:59

Instrument :

BNA_F

ClientSampleId :

Q4-COMP-NATIVE

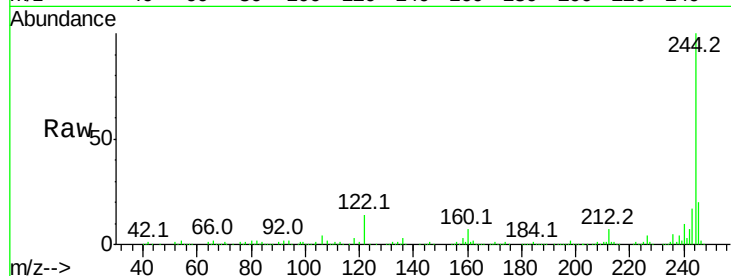
Tot Ion:244 Resp: 489676

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

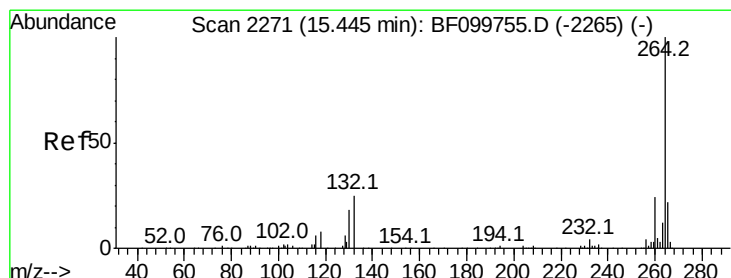
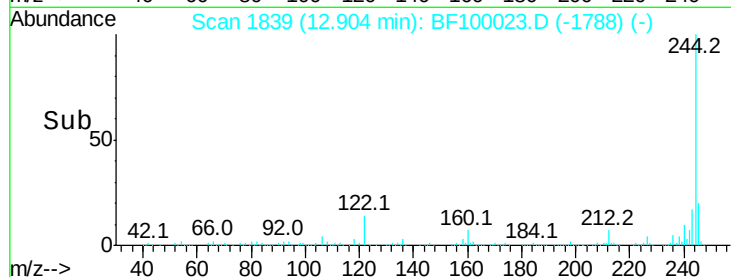
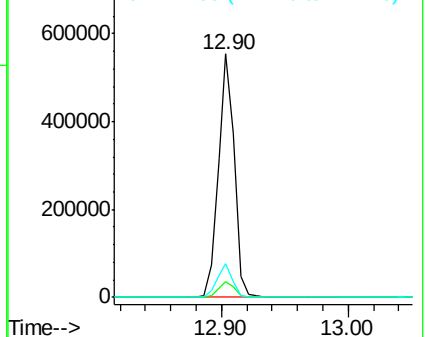
122 14.0 11.0 16.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF100023.D

Acq: 31 Oct 2017 23:59

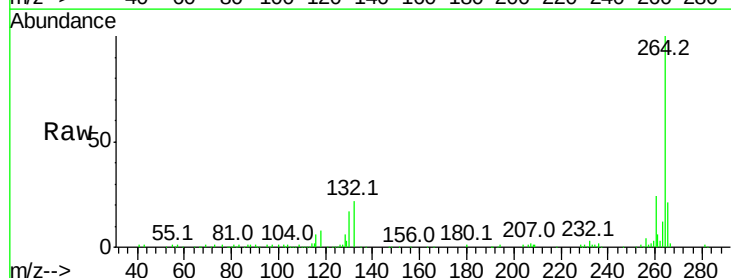
Tgt Ion:264 Resp: 158299

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.0 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

