

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108185.D
 Acq On : 16 Aug 2018 00:18
 Operator : JU/SJ
 Sample : J4471-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Aug 16 04:07:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

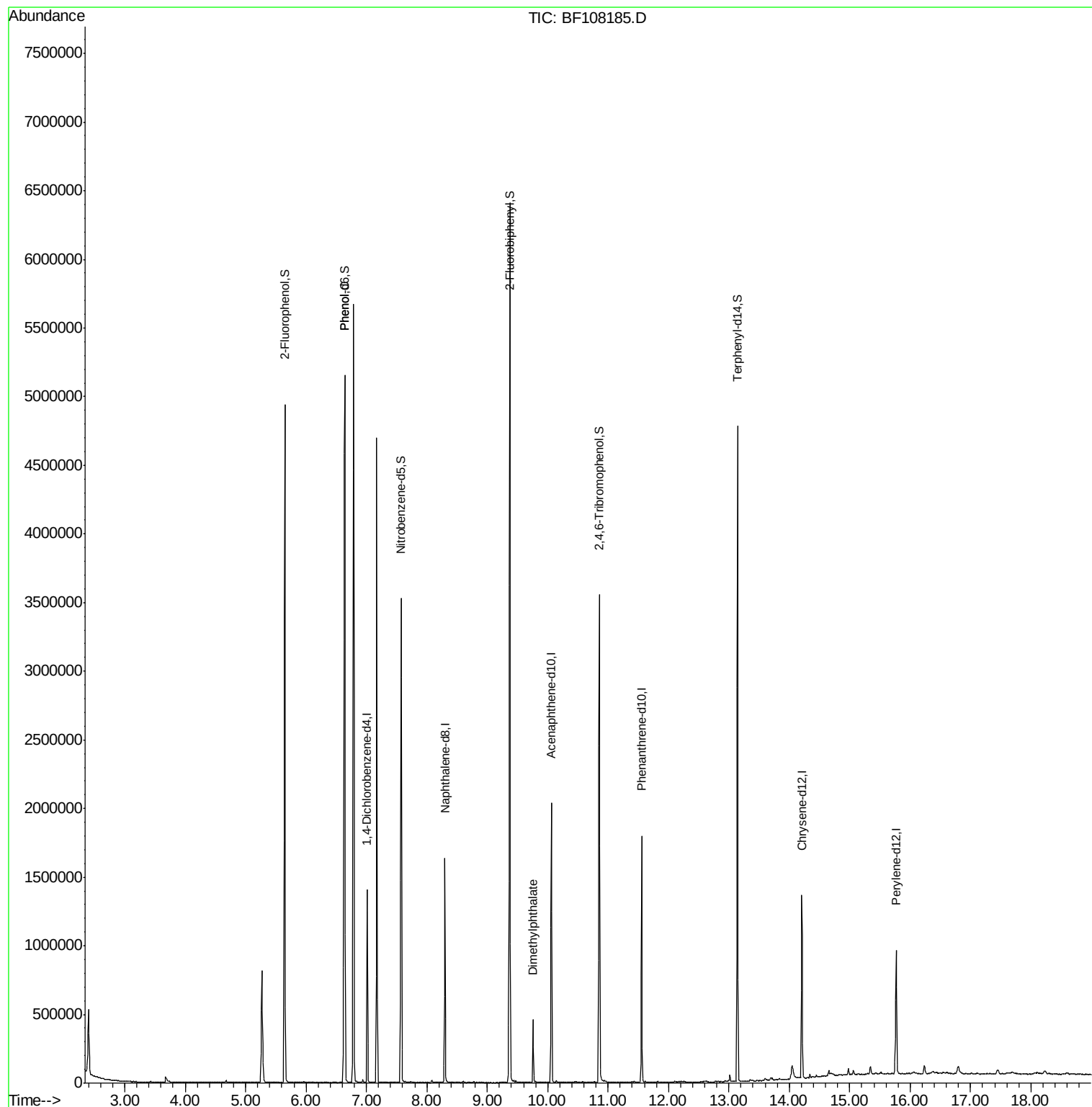
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	203137	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	773460	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	380863	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	627125	20.00	ng	0.00
75) Chrysene-d12	14.21	240	444005	20.00	ng	-0.01
86) Perylene-d12	15.77	264	447125	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1434918	127.89	ng	0.02
7) Phenol-d6	6.64	99	1915363	128.46	ng	0.01
23) Nitrobenzene-d5	7.58	82	1321305	95.33	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	417740	109.96	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2280104	96.11	ng	0.00
78) Terphenyl-d14	13.14	244	1792321	102.64	ng	0.00
Target Compounds						
10) Phenol	6.65	94	37584	2.437	ng	Qvalue # 71
49) Dimethylphthalate	9.76	163	172204	6.491	ng	99

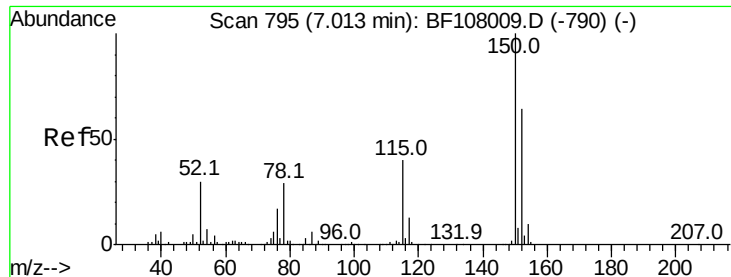
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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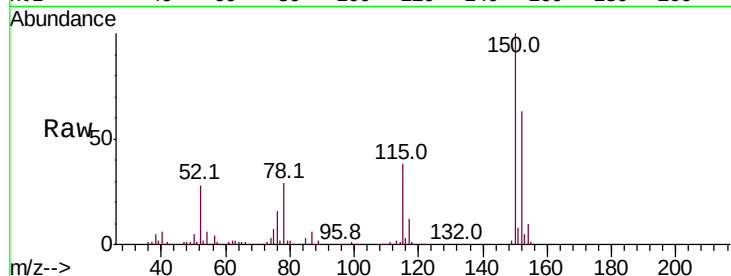


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	61.1	50.1	75.1

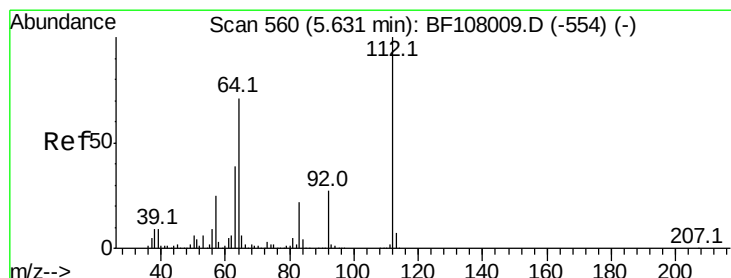
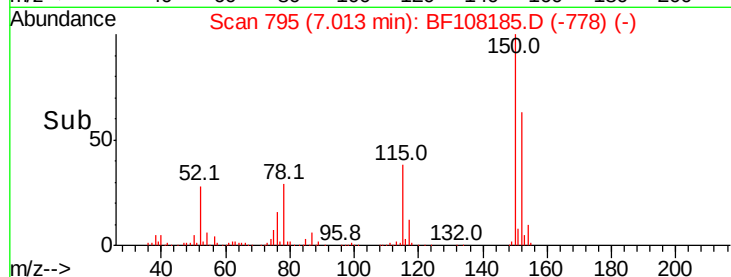
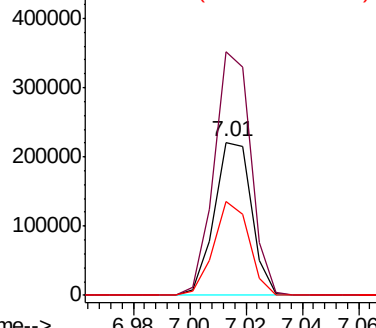


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

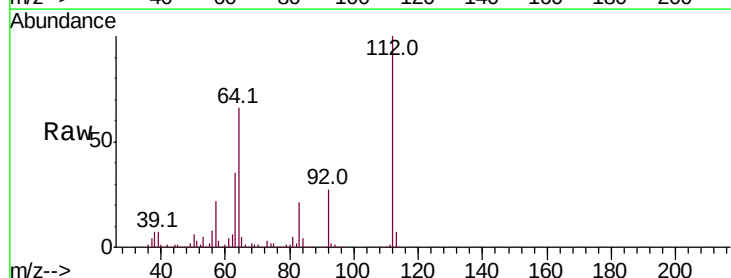
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 127.887 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	35.2	23.7	35.5

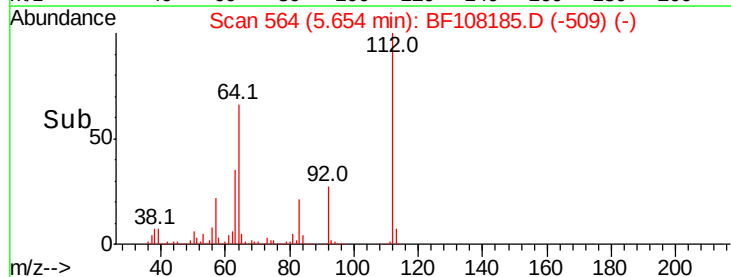
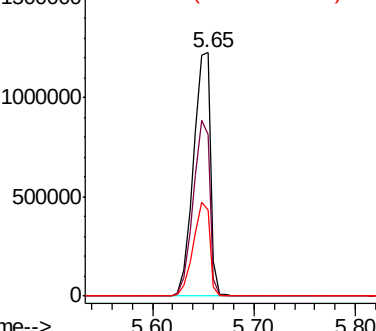


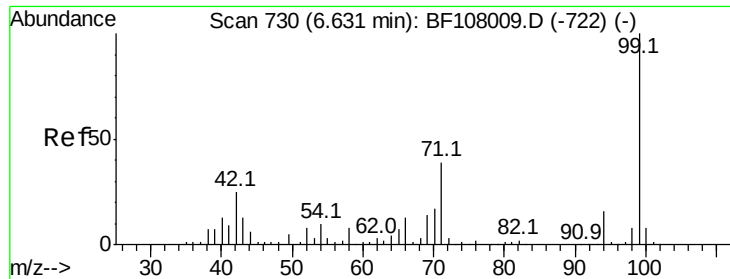
Abundance

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: 128.460 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108185.D

Acq: 16 Aug 2018 00:18

Instrument :

BNA_F

ClientSampleId :

TP-4

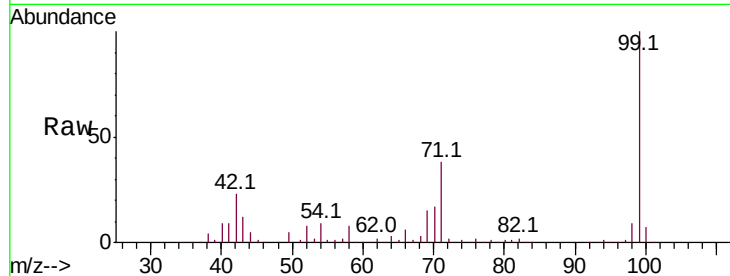
Tot Ion: 99 Resp: 1915363

Ion Ratio Lower Upper

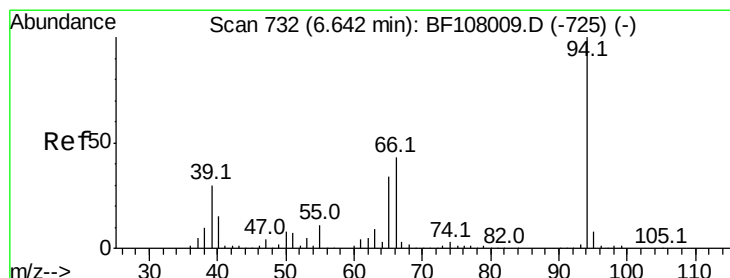
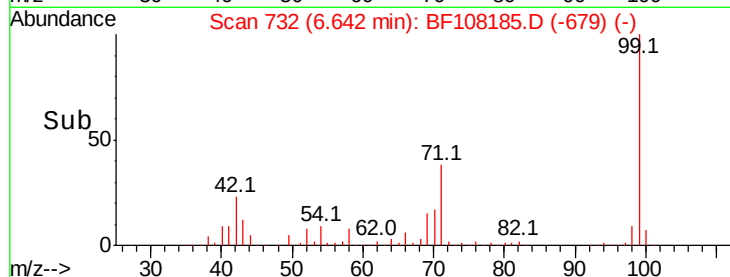
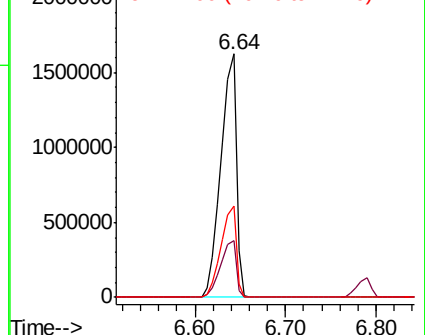
99 100

42 23.5 14.5 21.7#

71 37.7 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: 2.437 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108185.D

Acq: 16 Aug 2018 00:18

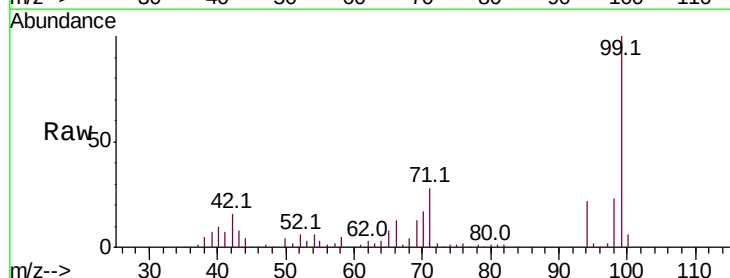
Tgt Ion: 94 Resp: 37584

Ion Ratio Lower Upper

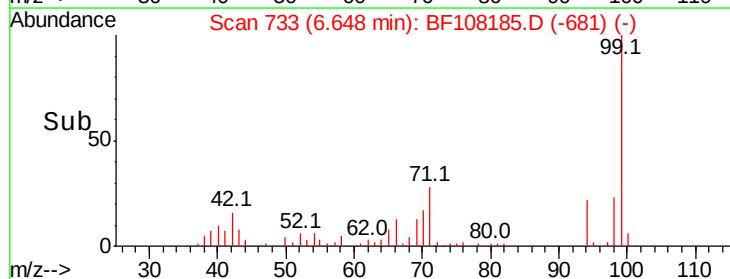
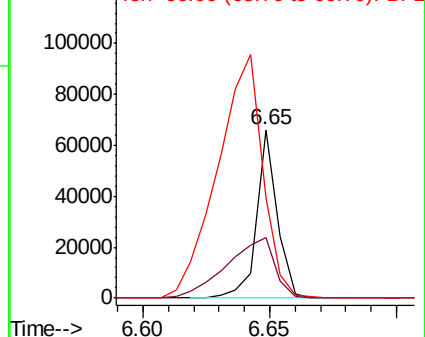
94 100

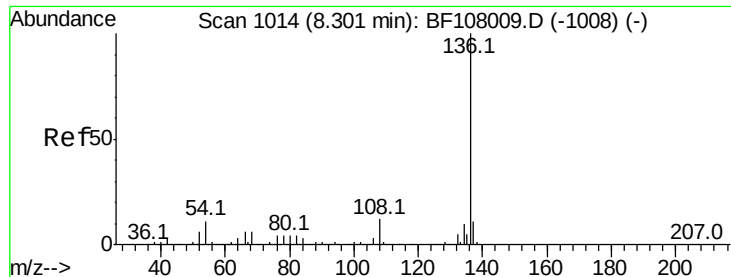
65 35.8 7.9 47.9

66 59.7 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

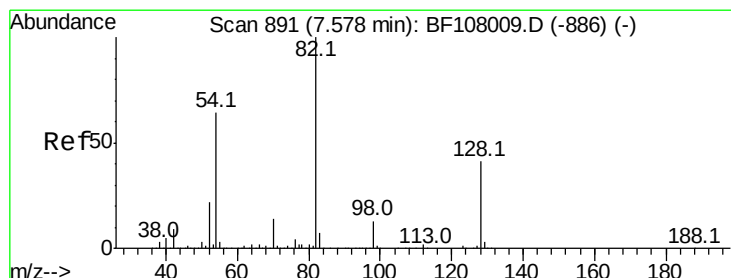
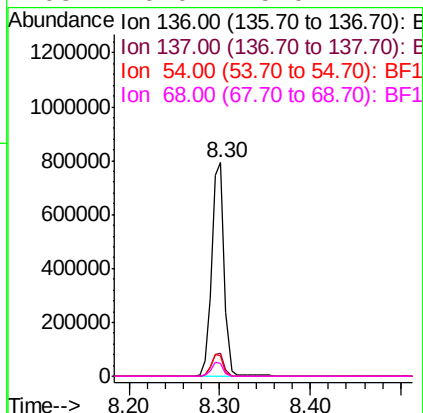
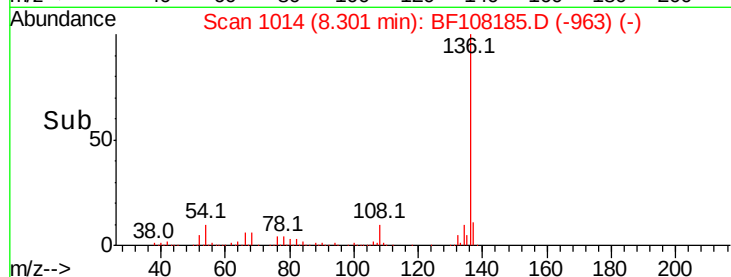
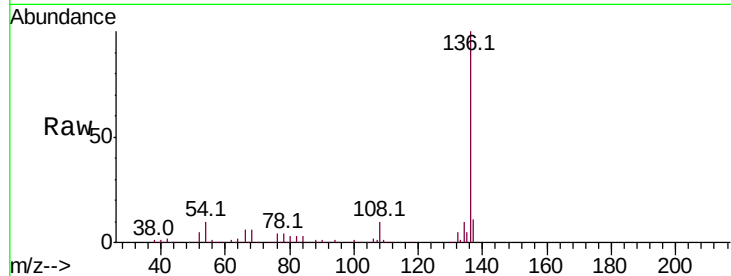




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

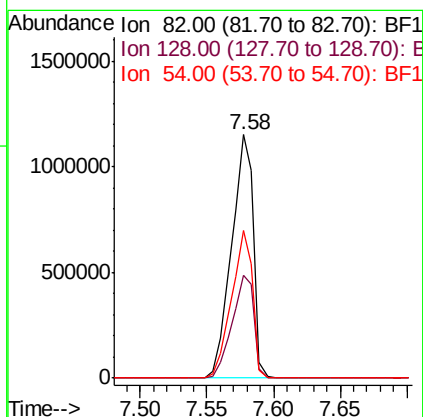
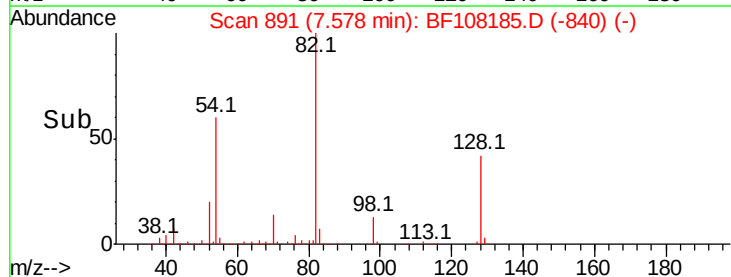
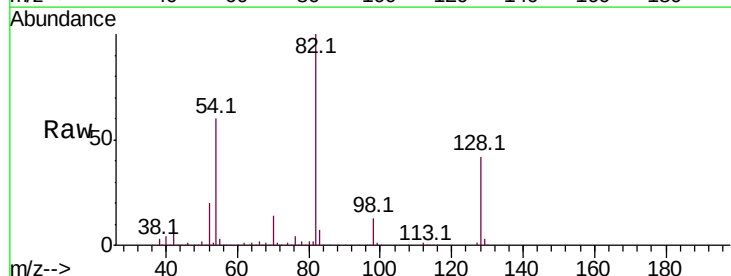
Instrument :
BNA_F
ClientSampleId :
TP-4

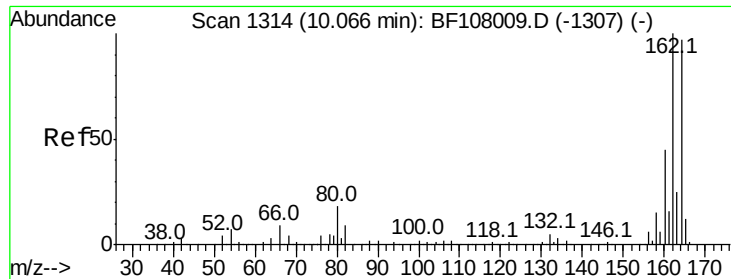
Tot Ion:136	Resp:	773460	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 9.5	6.6	9.8	
68 6.0	5.0	7.4	



#23
Nitrobenzene-d5
Concen: 95.326 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

Tgt Ion: 82	Resp: 1321305
Ion Ratio	Lower Upper
82 100	
128 42.2	36.1 54.1
54 60.4	41.4 62.2

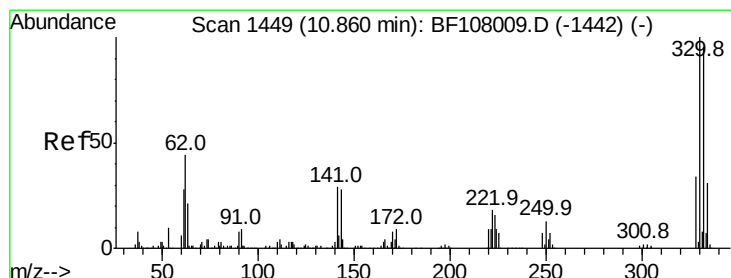
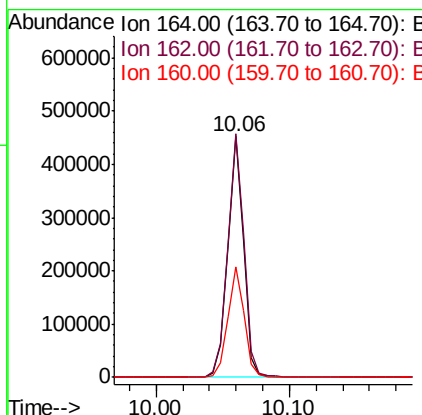
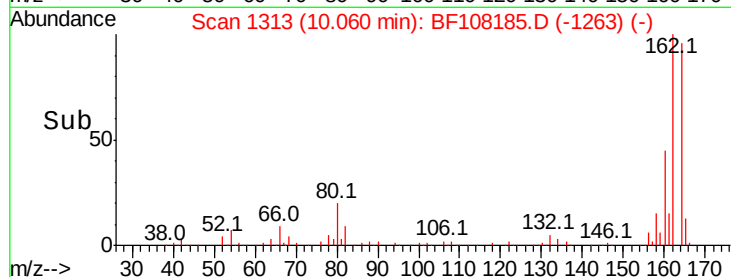
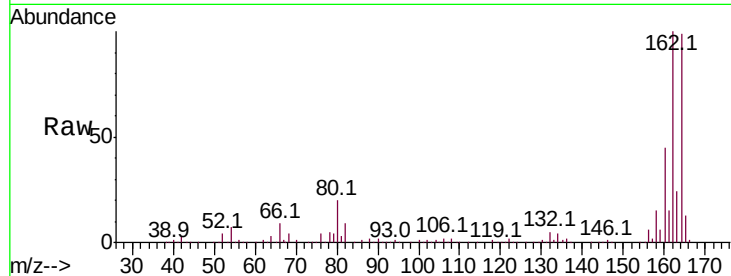




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

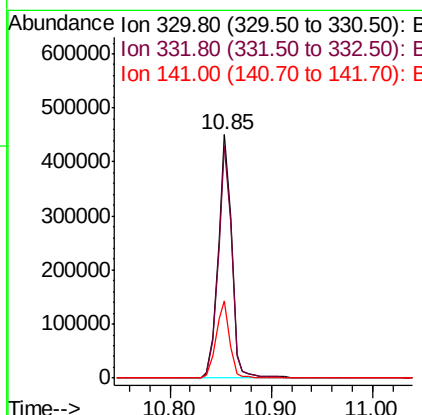
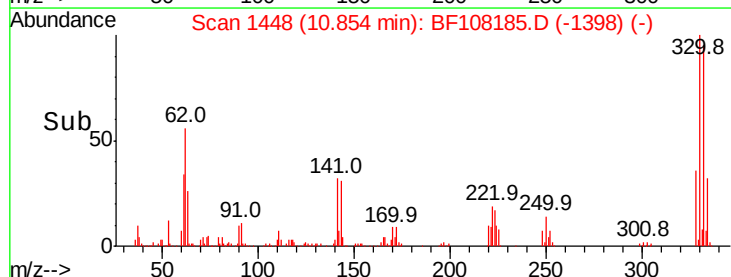
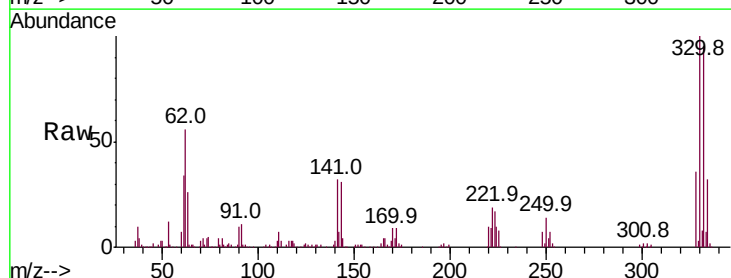
Instrument :
BNA_F
ClientSampleId :
TP-4

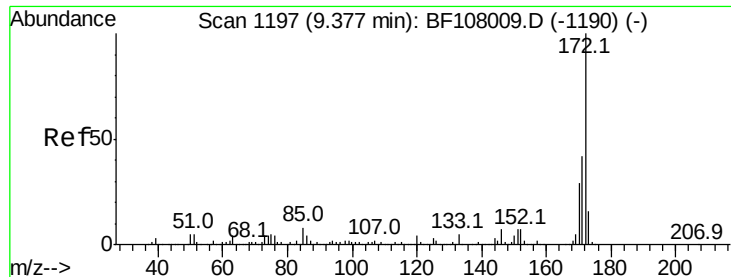
Tot Ion:164 Resp: 380863
Ion Ratio Lower Upper
164 100
162 101.0 86.1 129.1
160 45.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 109.960 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

Tgt Ion:330 Resp: 417740
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 32.1 29.9 44.9

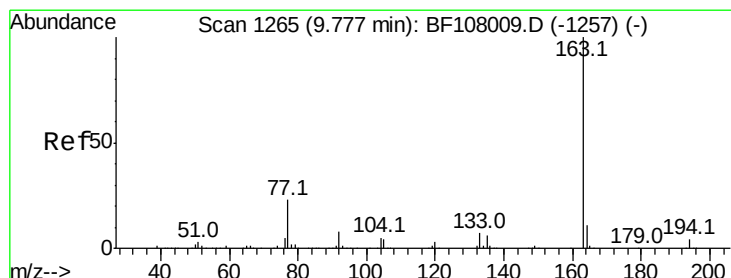
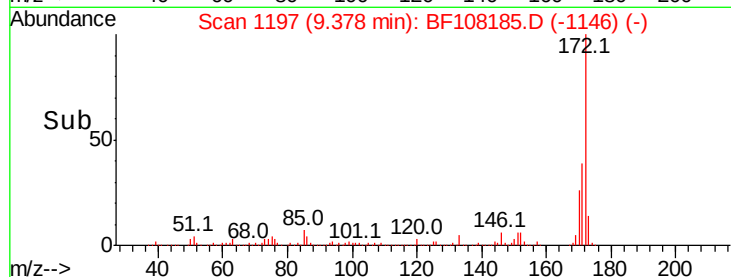
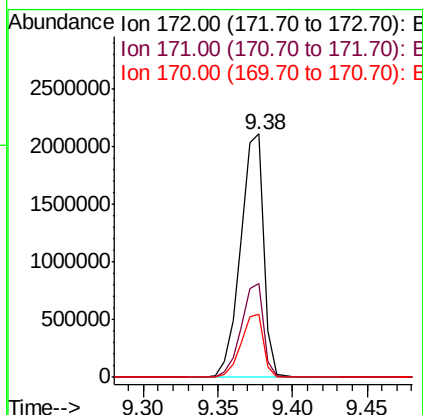
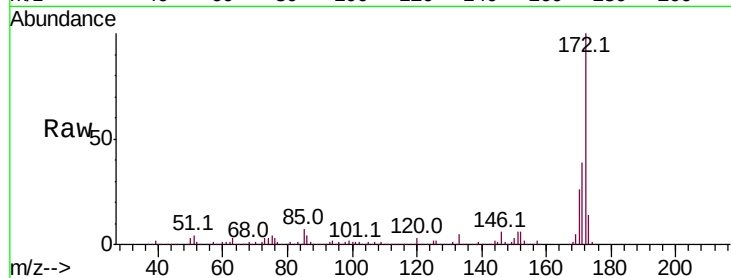




#44
2-Fluorobiphenyl
Concen: 96.114 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

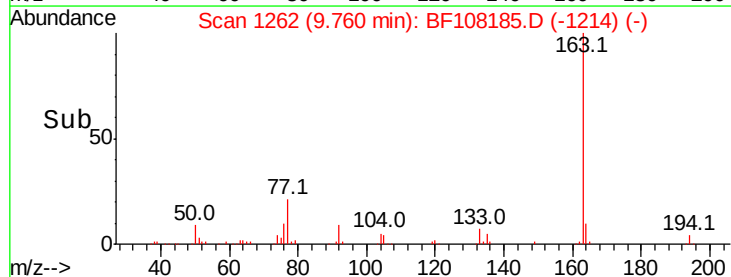
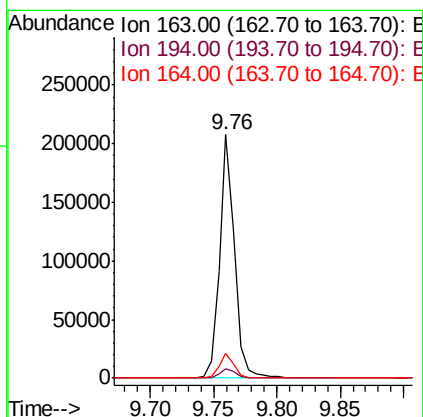
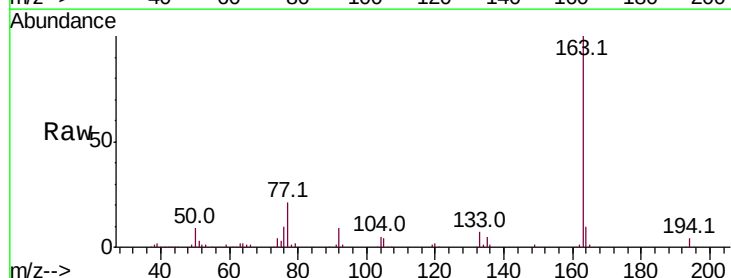
Instrument :
BNA_F
ClientSampled :
TP-4

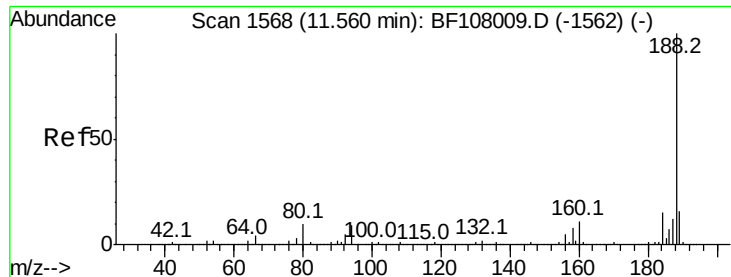
Tot Ion:172 Resp: 2280104
Ion Ratio Lower Upper
172 100
171 38.7 29.7 44.5
170 25.9 19.6 29.4



#49
Dimethylphthalate
Concen: 6.491 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

Tgt Ion:163 Resp: 172204
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 8.2 12.2

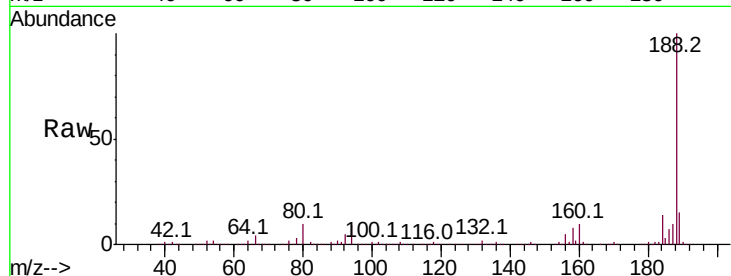




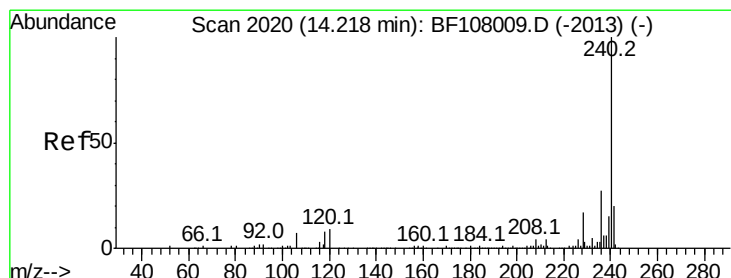
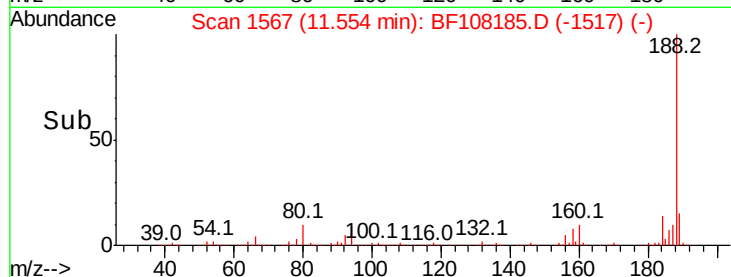
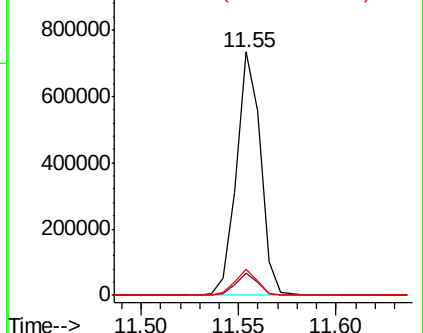
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion:188 Resp: 627125
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.4 9.2 13.8

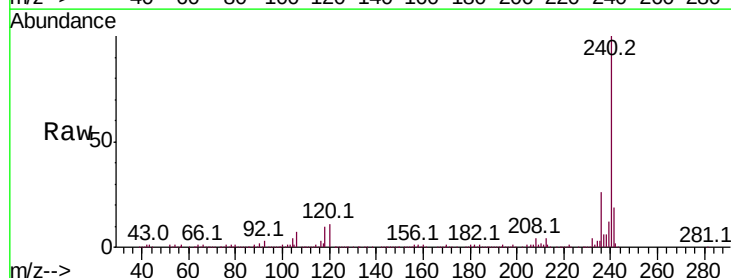


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

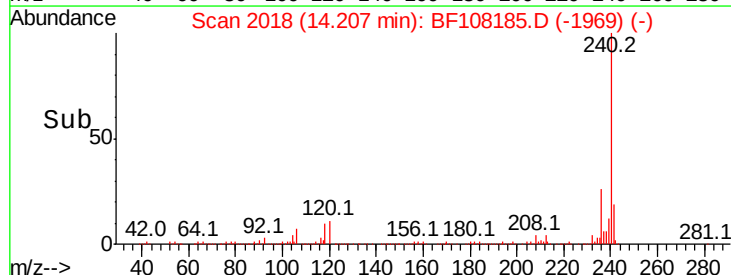
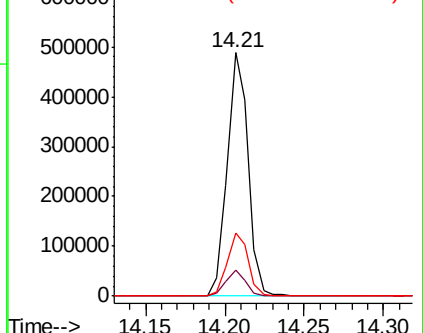


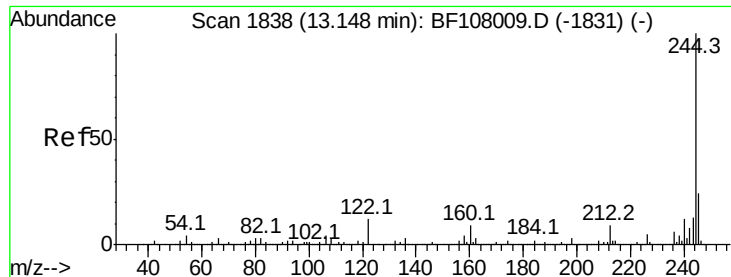
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

Tgt Ion:240 Resp: 444005
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 26.0 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: 102.636 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108185.D

Acq: 16 Aug 2018 00:18

Instrument :

BNA_F

ClientSampleId :

TP-4

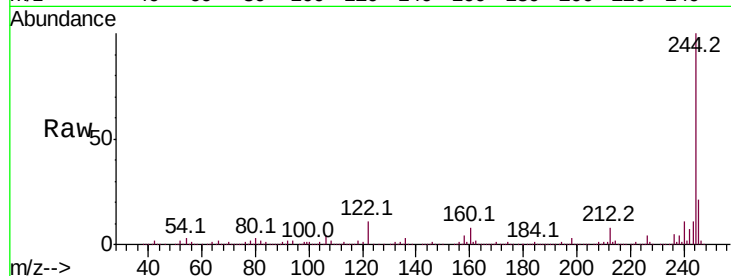
Tot Ion:244 Resp: 1792321

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

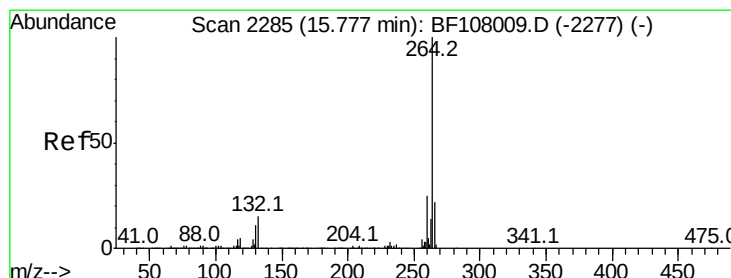
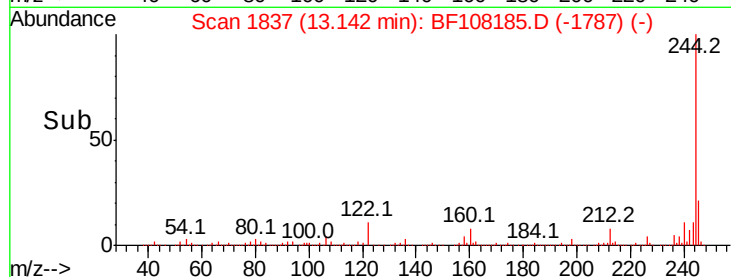
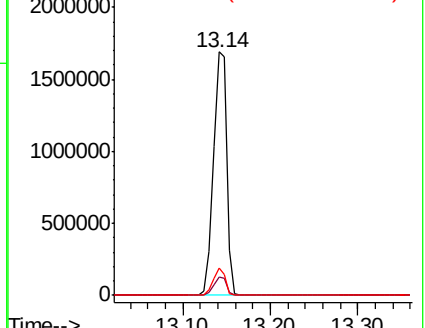
122 11.4 11.0 16.4



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: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108185.D

Acq: 16 Aug 2018 00:18

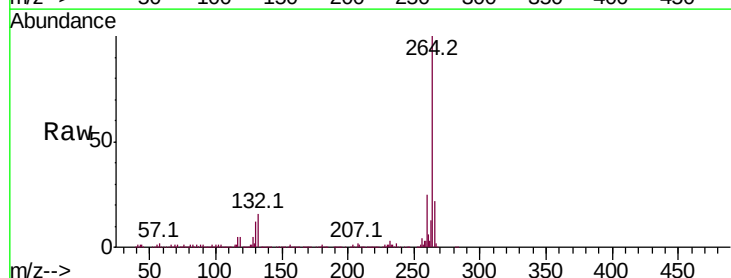
Tgt Ion:264 Resp: 447125

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 22.1 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

