

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109839.D
 Acq On : 12 Oct 2018 17:45
 Operator : JU/SJ
 Sample : J5371-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-B

Quant Time: Oct 15 05:57:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

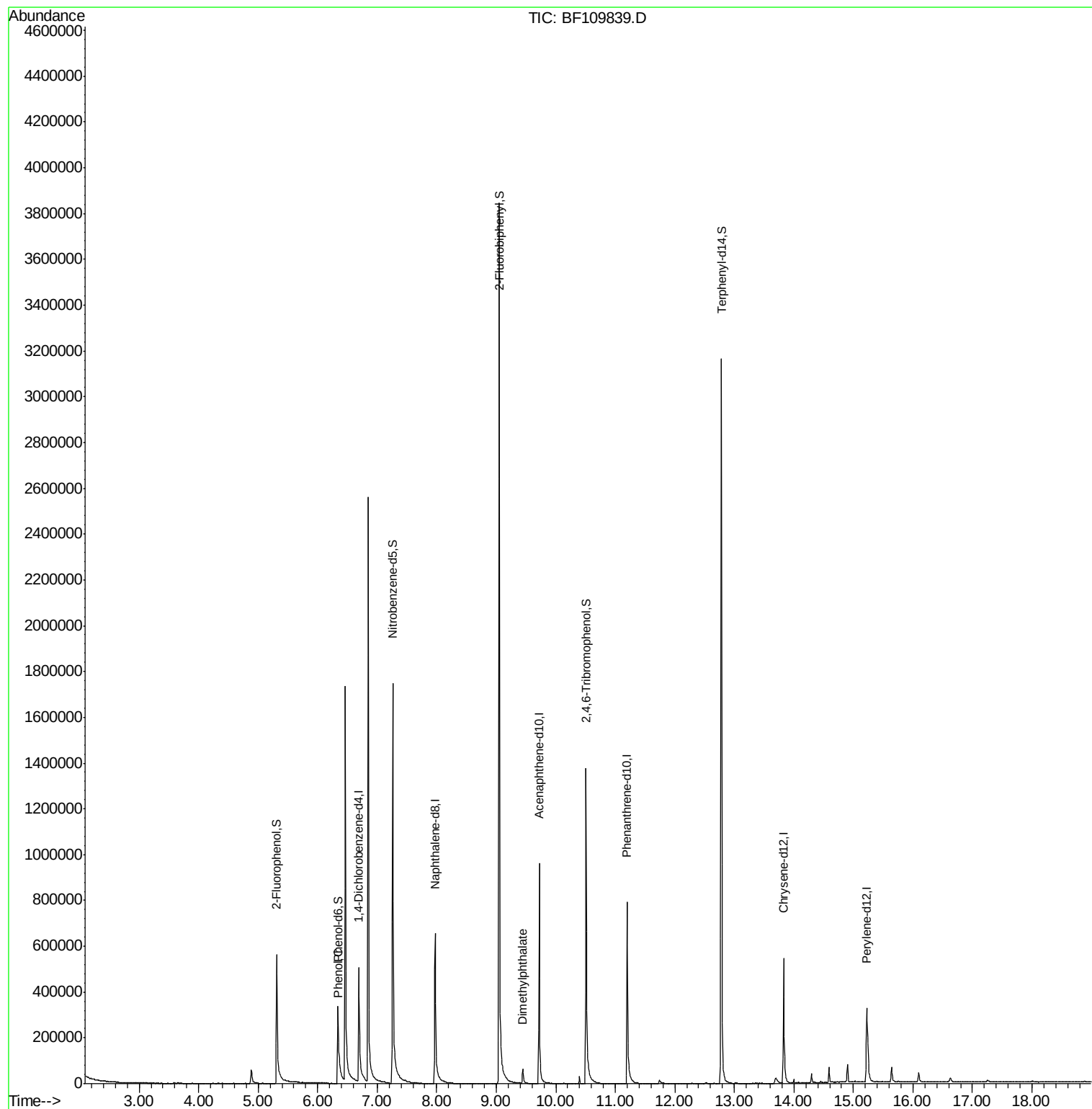
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	111258	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	471437	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	228338	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	423737	20.00	ng	0.00
75) Chrysene-d12	13.83	240	271279	20.00	ng	0.00
86) Perylene-d12	15.23	264	219415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	256884	40.98	ng	-0.01
7) Phenol-d6	6.34	99	234050	27.95	ng	-0.02
23) Nitrobenzene-d5	7.26	82	863915	101.01	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	223977	90.02	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1502865	90.65	ng	0.00
78) Terphenyl-d14	12.79	244	1340518	95.66	ng	0.00
Target Compounds						
10) Phenol	6.36	94	20902	2.177	ng	84
49) Dimethylphthalate	9.45	163	44915	2.682	ng	99

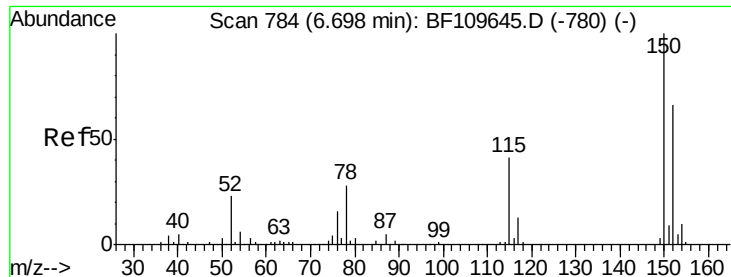
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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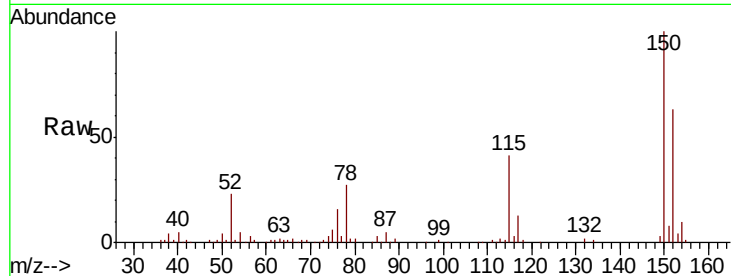


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	64.4	49.1	73.7

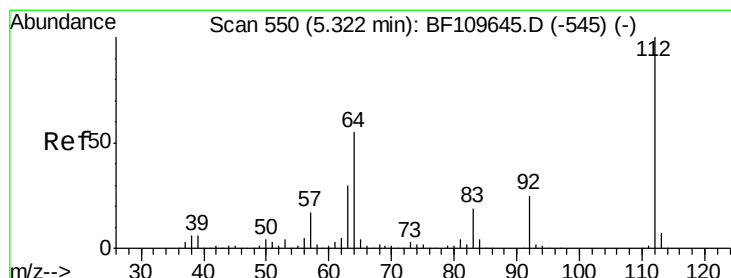
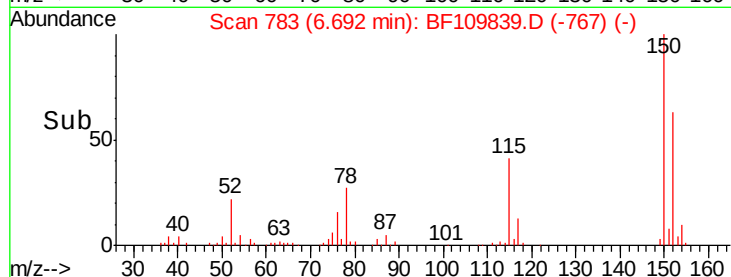
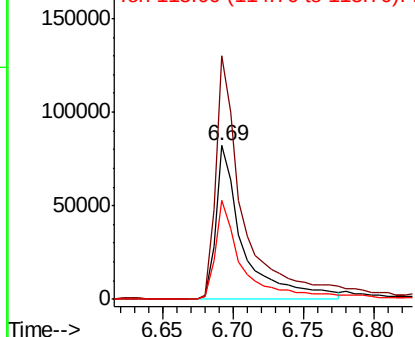


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

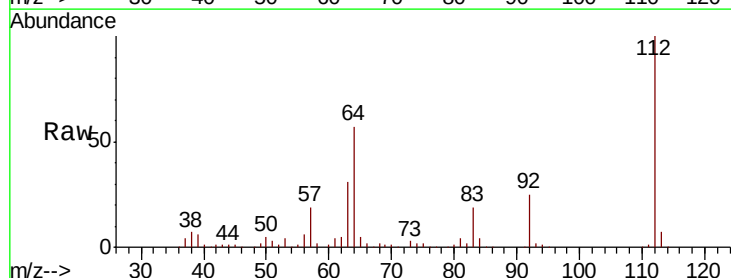
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 40.984 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.1	66.1
63	31.1	23.7	35.5

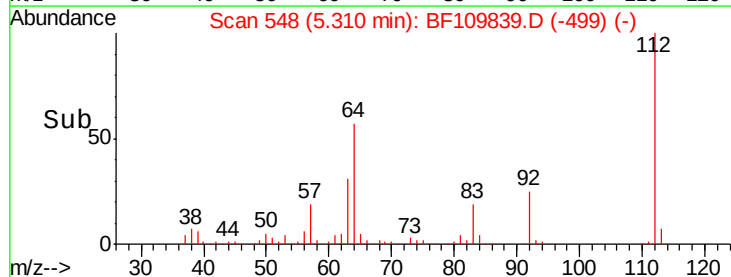
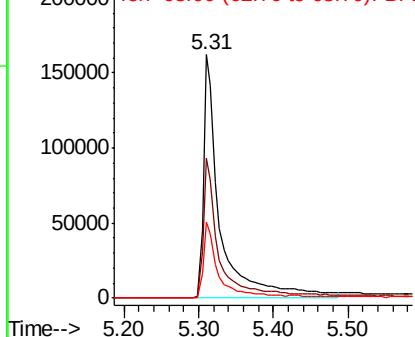


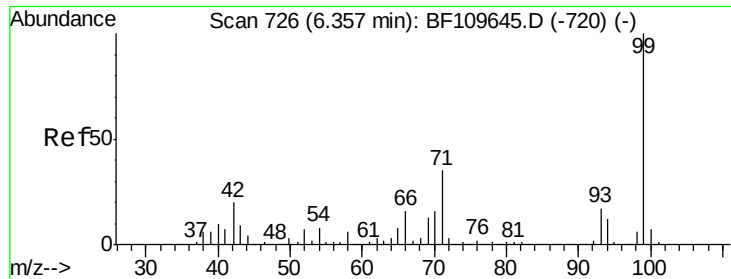
Abundance

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: 27.952 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109839.D

Acq: 12 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-B

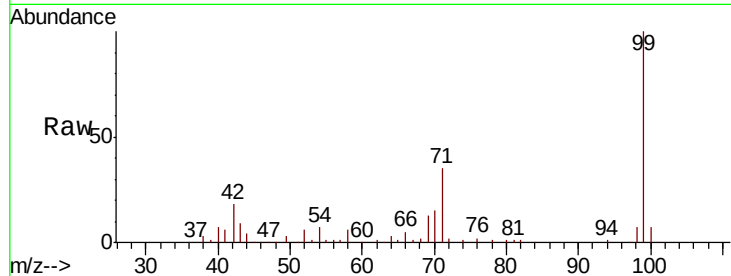
Tot Ion: 99 Resp: 234050

Ion Ratio Lower Upper

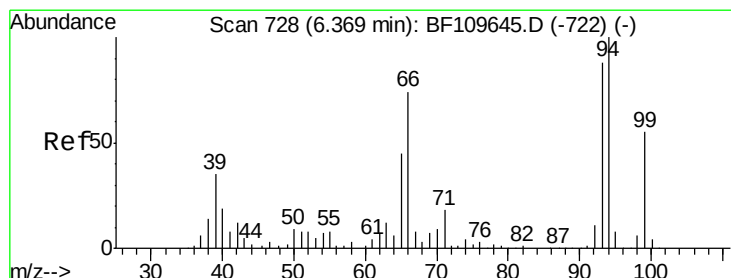
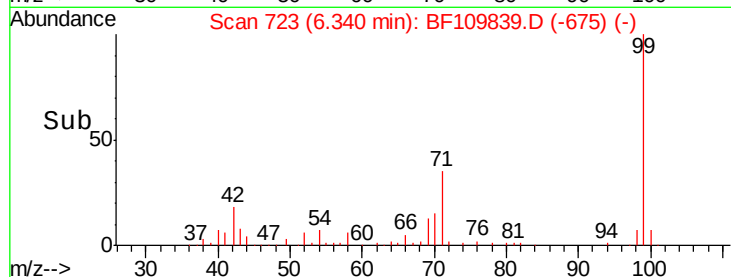
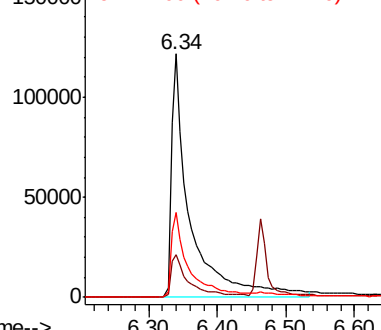
99 100

42 17.7 15.8 23.6

71 34.8 28.0 42.0



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: 2.177 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109839.D

Acq: 12 Oct 2018 17:45

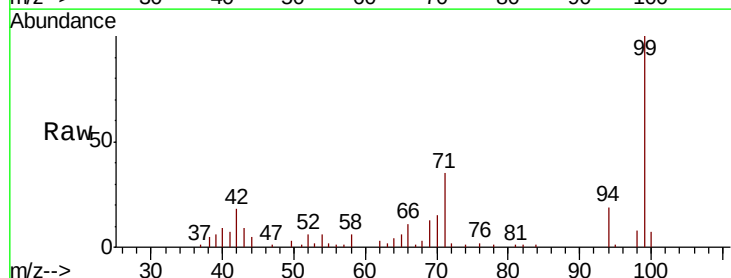
Tgt Ion: 94 Resp: 20902

Ion Ratio Lower Upper

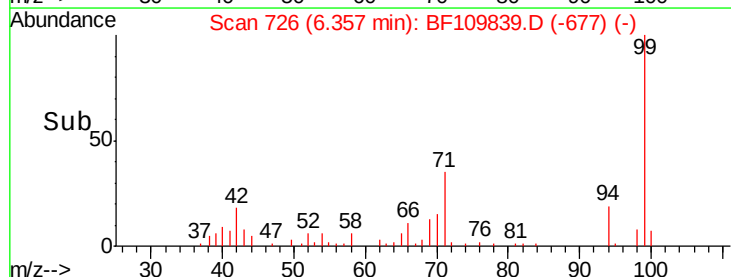
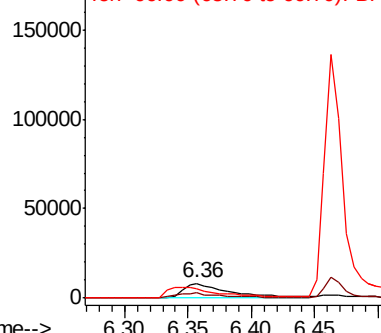
94 100

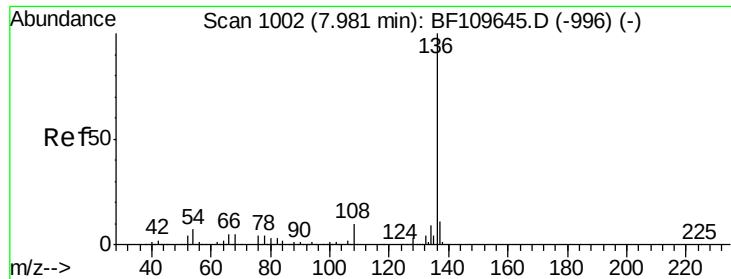
65 34.1 25.3 65.3

66 60.9 54.5 94.5



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

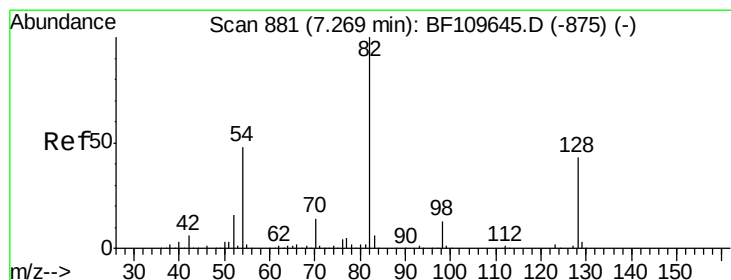
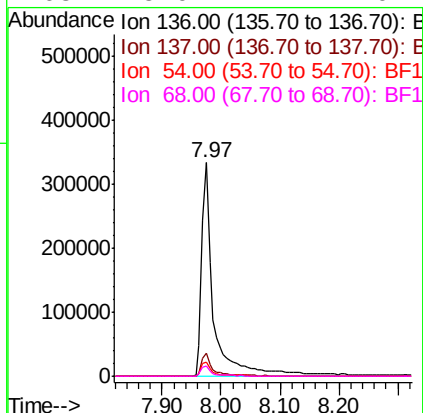
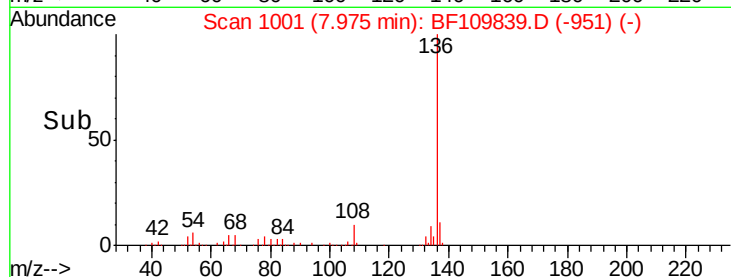
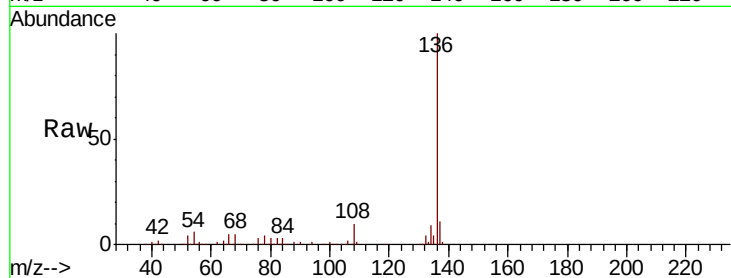




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

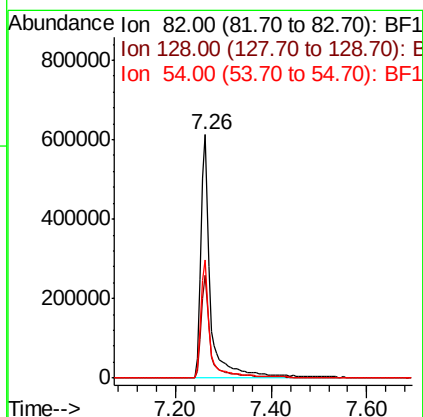
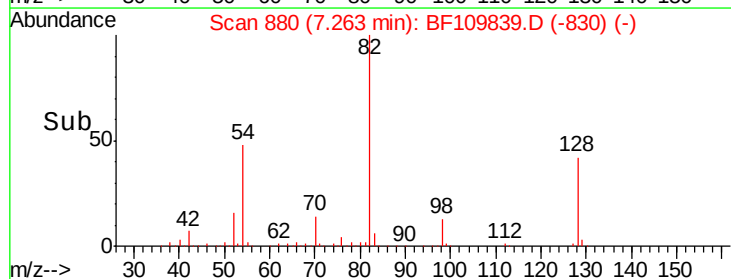
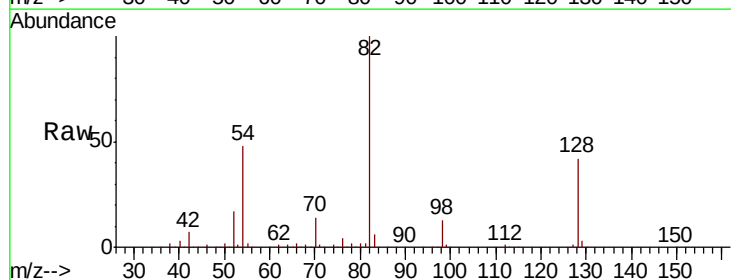
Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-U-B

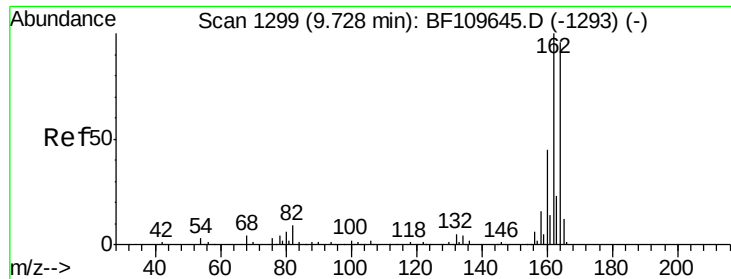
Tot Ion:136	Resp:	471437
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.8 13.2
54	6.5	5.4 8.2
68	5.0	4.2 6.2



#23
Nitrobenzene-d5
Concen: 101.014 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

Tgt Ion: 82	Resp:	863915
Ion	Ratio	Lower Upper
82	100	
128	42.4	34.2 51.2
54	48.4	38.6 58.0

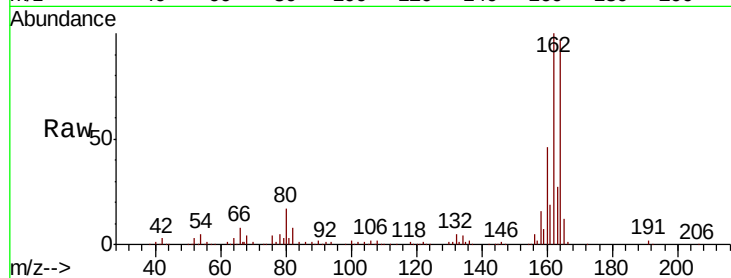




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109839.D
 Acq: 12 Oct 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-B

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.6
160	47.8	37.0	55.6

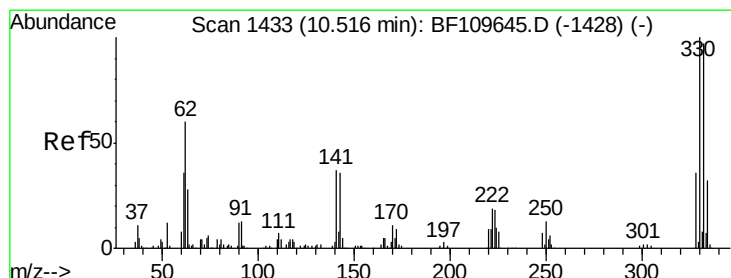
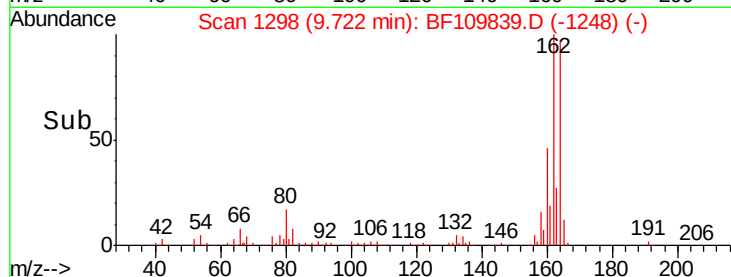
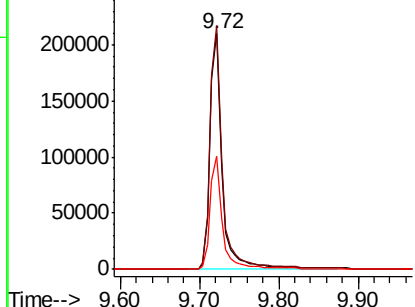


Abundance

Ion 164.00 (163.70 to 164.70): E

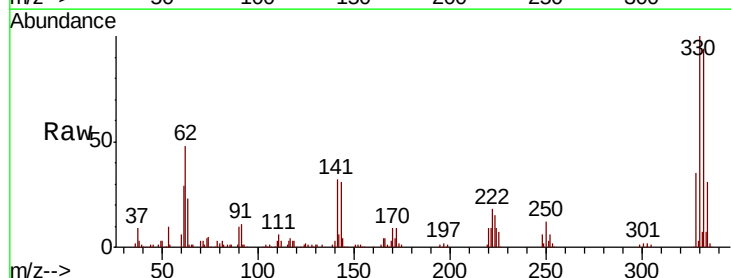
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
 2,4,6-Tribromophenol
 Concen: 90.023 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109839.D
 Acq: 12 Oct 2018 17:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	35.5	27.0	40.4

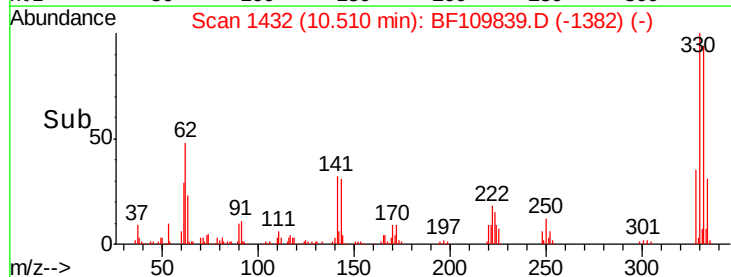
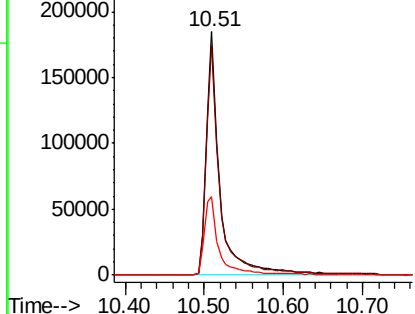


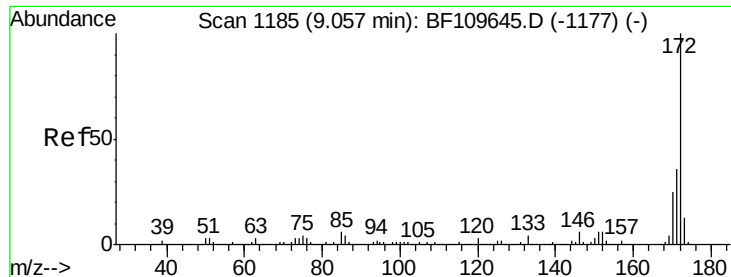
Abundance

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

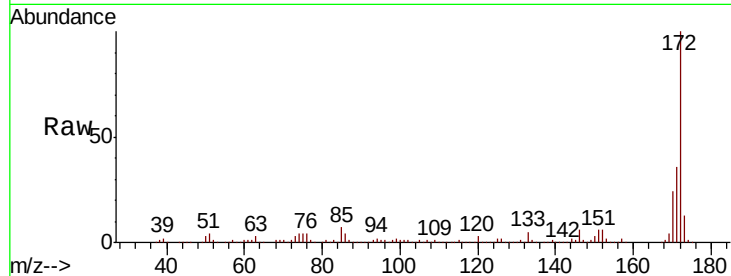




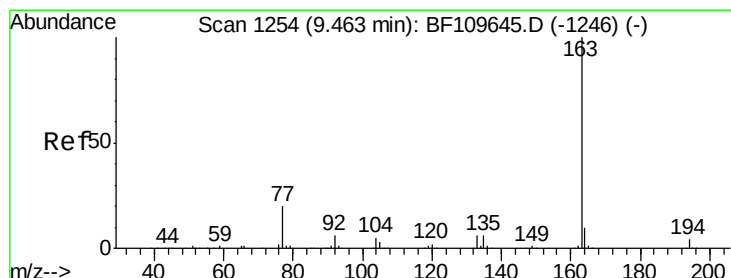
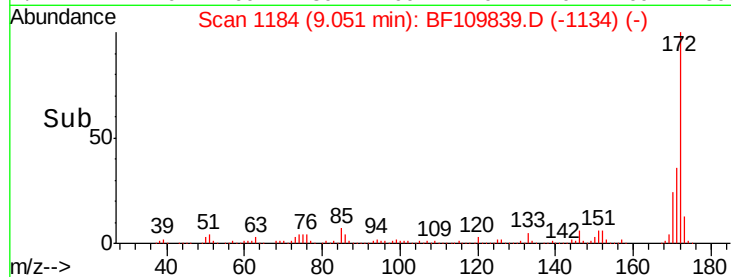
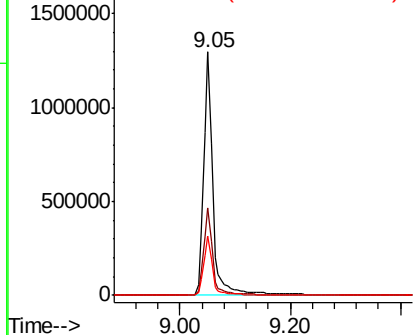
#44
2-Fluorobiphenyl
Concen: 90.647 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-U-B

Tot Ion:172 Resp: 1502865
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.4 19.7 29.5

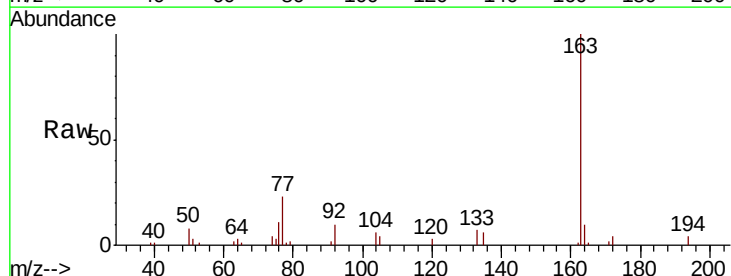


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

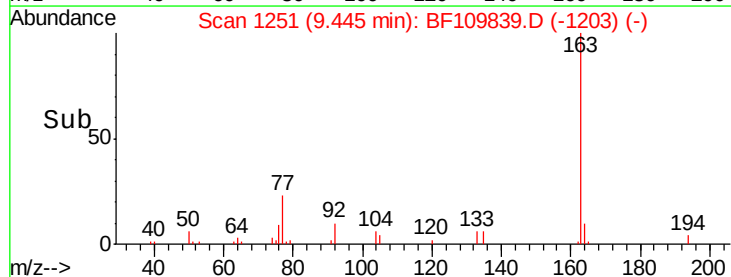
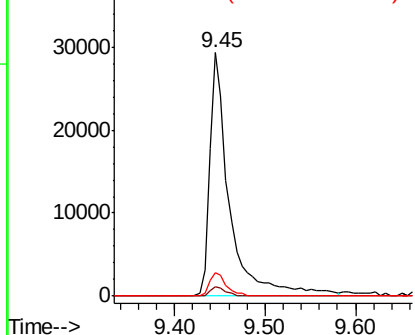


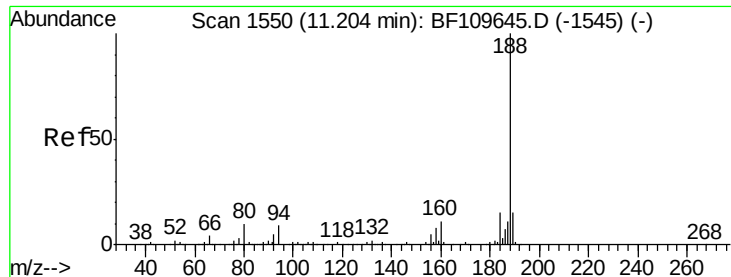
#49
Dimethylphthalate
Concen: 2.682 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

Tgt Ion:163 Resp: 44915
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.7 8.1 12.1



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

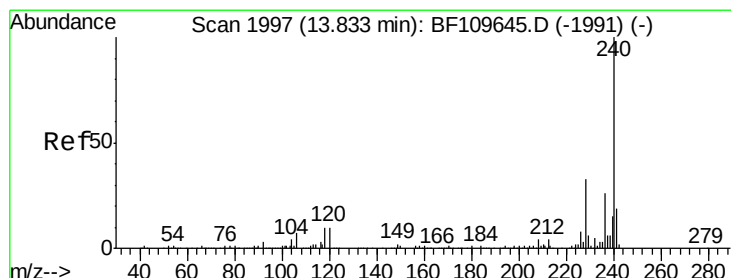
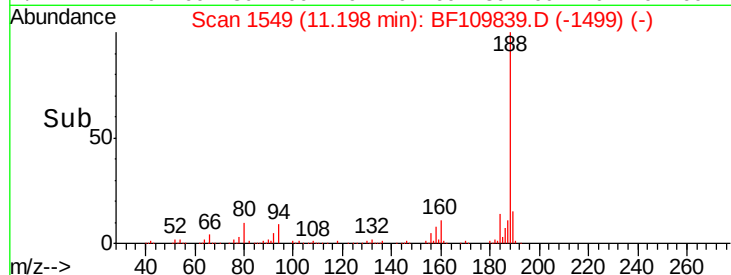
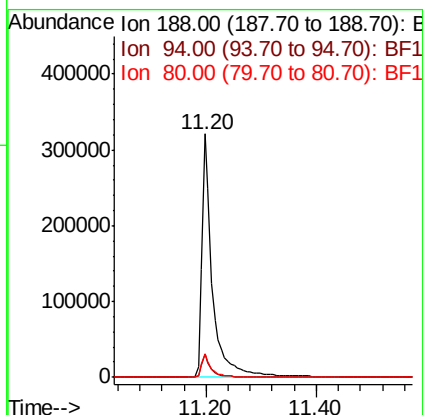
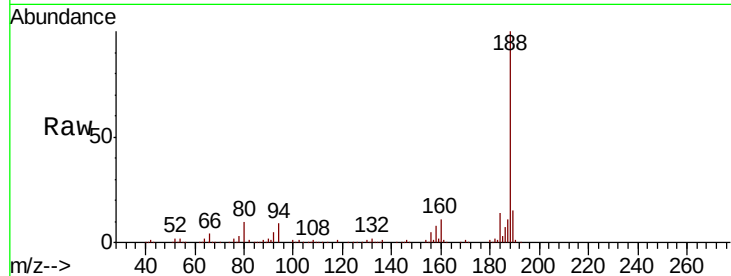




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

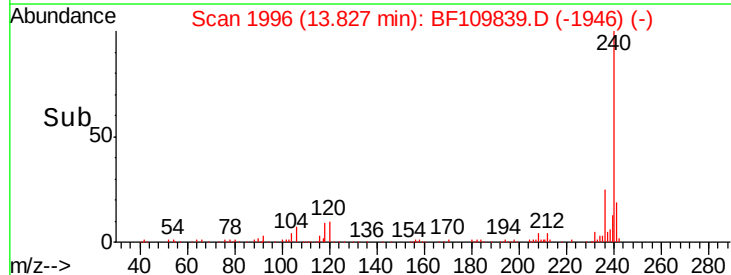
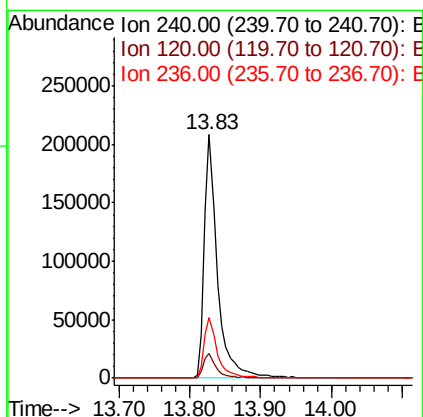
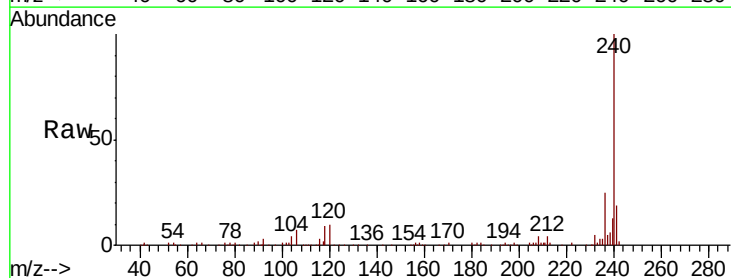
Instrument :
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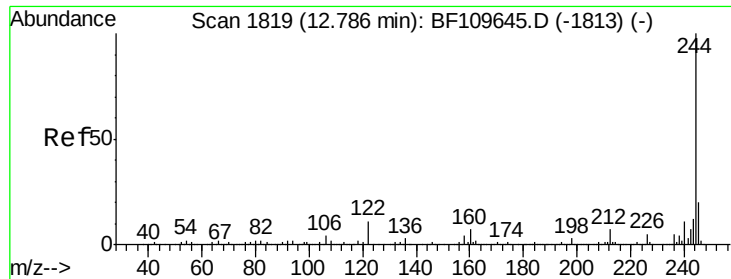
Tot Ion:188 Resp: 423737
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.7 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

Tgt Ion:240 Resp: 271279
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 25.0 21.2 31.8





#78

Terphenyl-d14

Concen: 95.659 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109839.D

Acq: 12 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-B

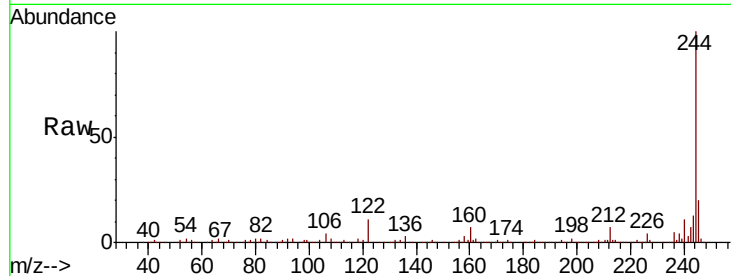
Tot Ion:244 Resp: 1340518

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

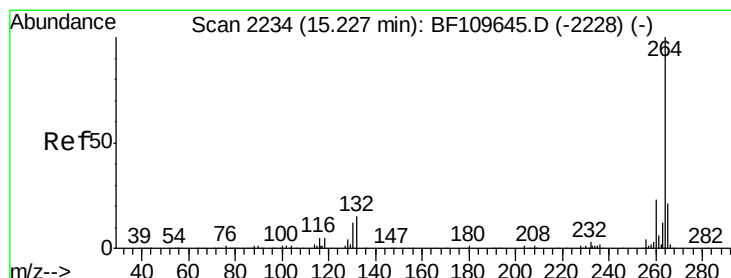
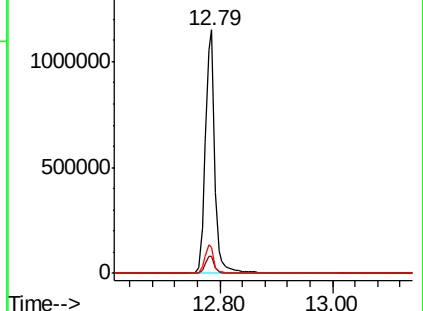
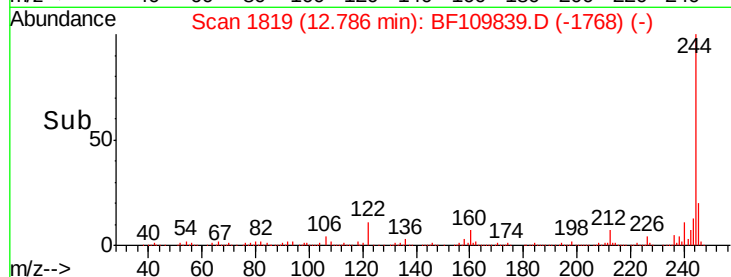
122 10.7 8.7 13.1



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: 15.23 min Scan# 2234

Delta R.T. -0.00 min

Lab File: BF109839.D

Acq: 12 Oct 2018 17:45

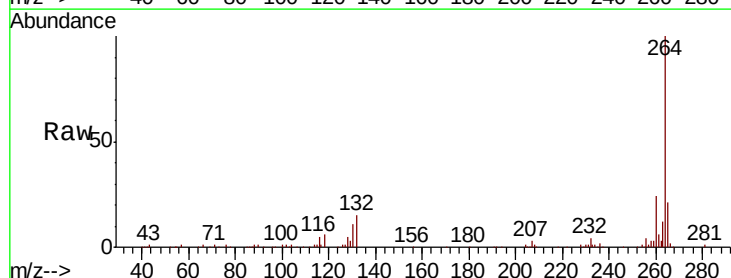
Tgt Ion:264 Resp: 219415

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.2 16.7 25.1



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

