

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112909.D
 Acq On : 7 Mar 2019 4:22
 Operator : JU/SJ
 Sample : K1705-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B097-022719

Quant Time: Mar 07 05:51:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

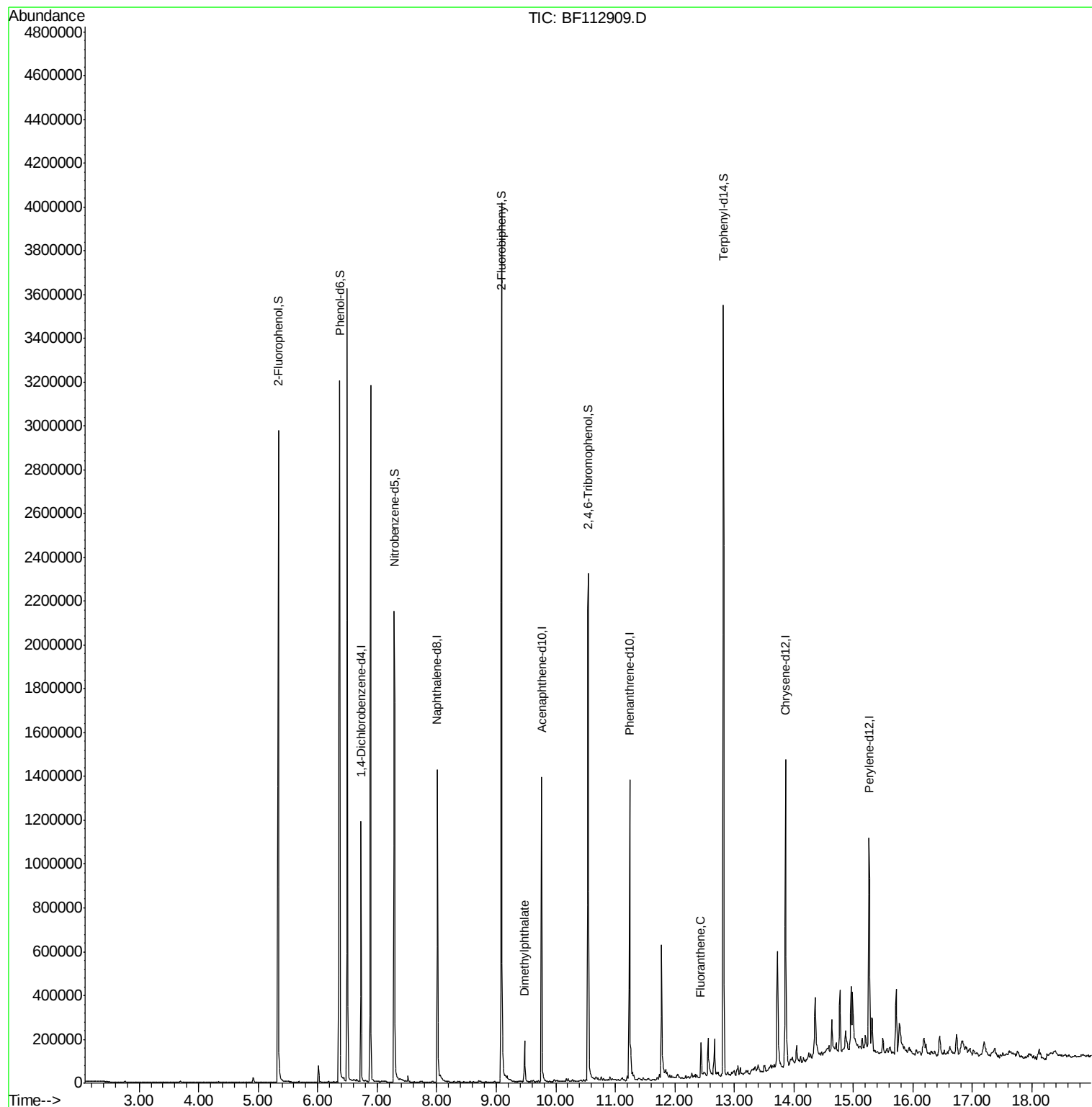
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	175207	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	714169	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	310912	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	576130	20.00	ng	0.00
76) Chrysene-d12	13.86	240	496958	20.00	ng	-0.01
87) Perylene-d12	15.26	264	451057	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	924906	82.12	ng	0.00
7) Phenol-d6	6.37	99	1193209	84.33	ng	0.00
23) Nitrobenzene-d5	7.29	82	710950	59.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	346482	104.97	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1327102	66.85	ng	-0.01
79) Terphenyl-d14	12.82	244	1209573	47.18	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.48	163	84299	3.677	ng	98
75) Fluoranthene	12.45	202	72162	2.350	ng	97

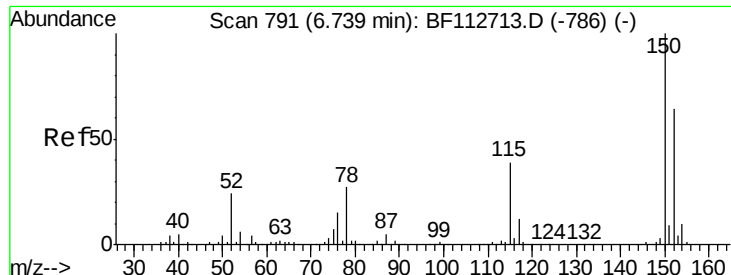
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112909.D
Acq On : 7 Mar 2019 4:22
Operator : JU/SJ
Sample : K1705-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Quant Time: Mar 07 05:51:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



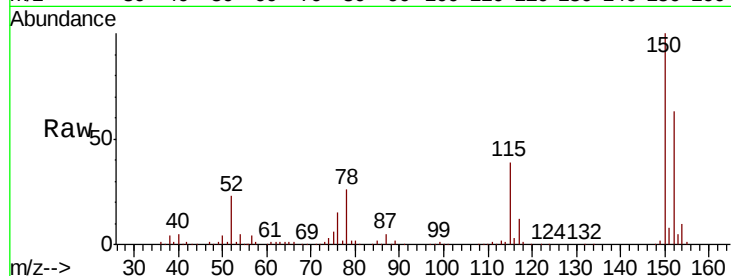


#1

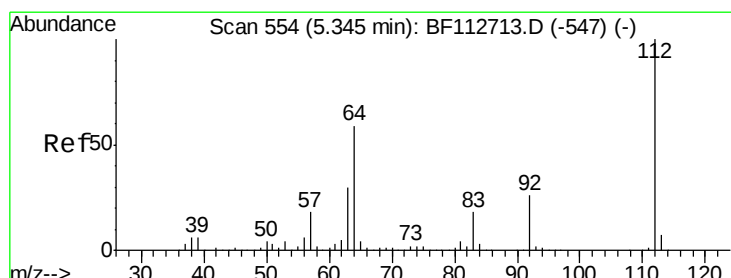
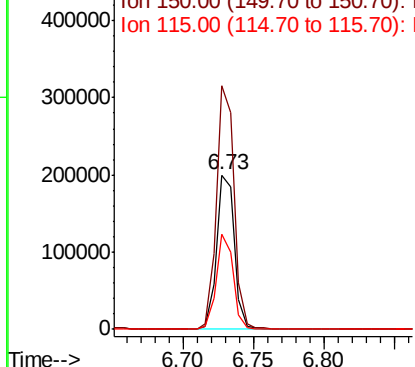
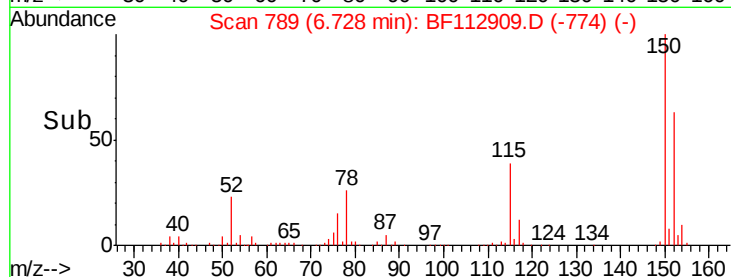
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tot Ion:152 Resp: 175207
Ion Ratio Lower Upper
152 100
150 157.8 124.2 186.2
115 61.8 48.2 72.4



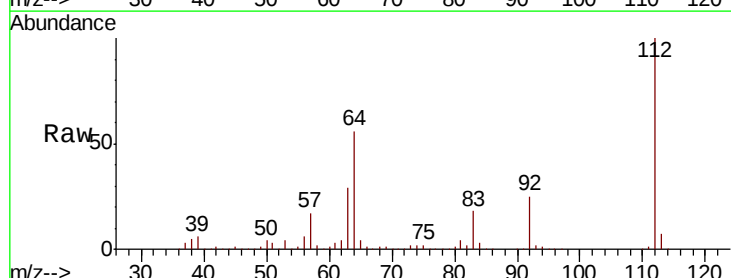
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



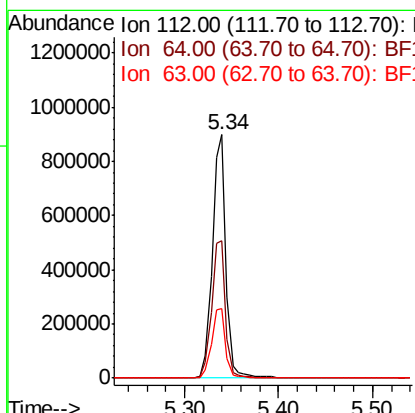
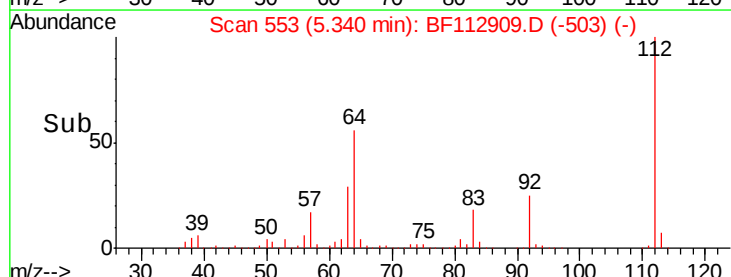
#5

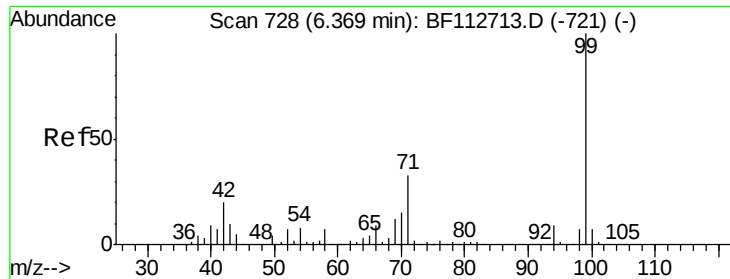
2-Fluorophenol
Concen: 82.116 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Tgt Ion:112 Resp: 924906
Ion Ratio Lower Upper
112 100
64 56.4 47.6 71.4
63 28.8 24.4 36.6



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: 84.334 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112909.D

Acq: 7 Mar 2019 4:22

Instrument :

BNA_F

ClientSampleId :

PST-028-B097-022719

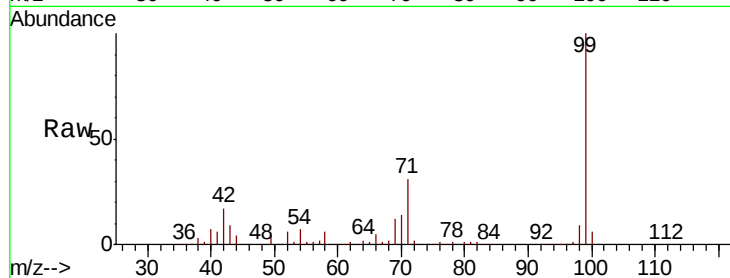
Tot Ion: 99 Resp: 1193209

Ion Ratio Lower Upper

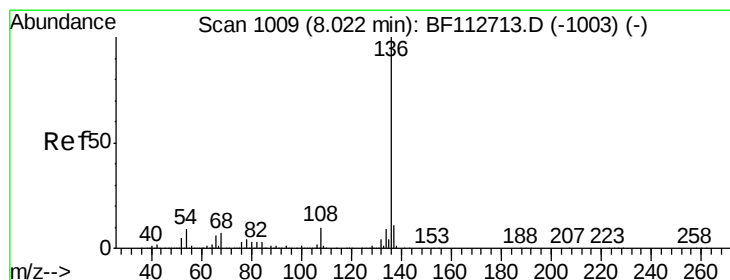
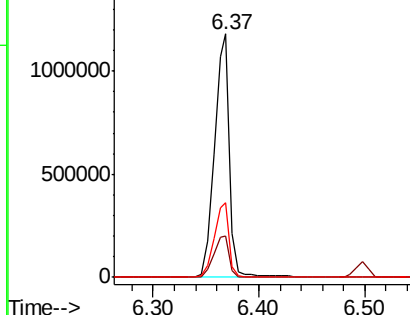
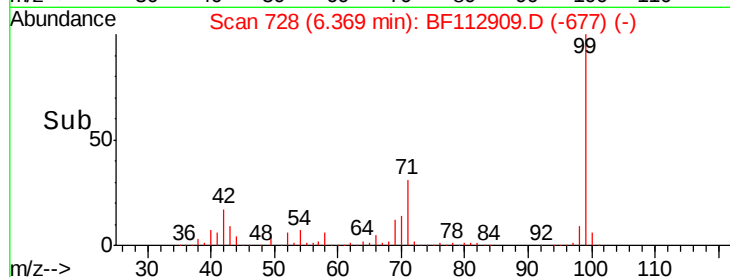
99 100

42 17.2 16.3 24.5

71 30.5 26.2 39.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112909.D

Acq: 7 Mar 2019 4:22

Tgt Ion: 136 Resp: 714169

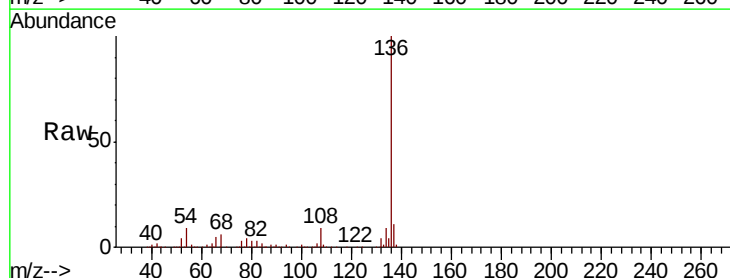
Ion Ratio Lower Upper

136 100

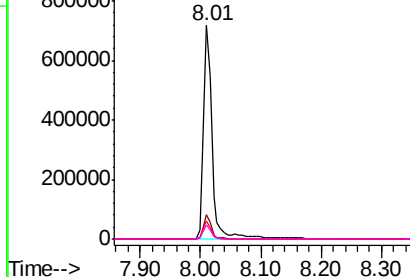
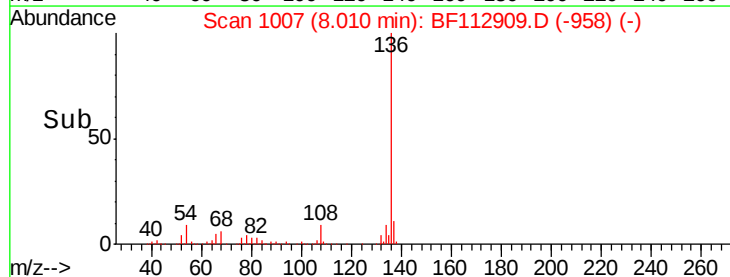
137 11.4 8.9 13.3

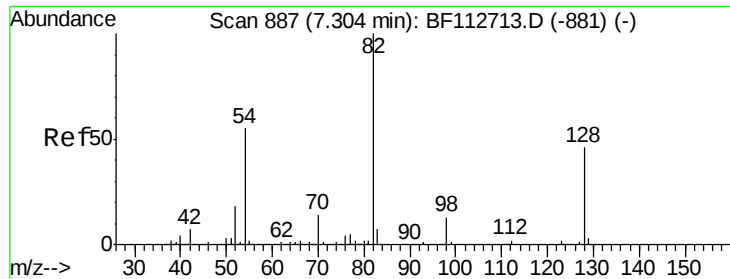
54 8.5 7.3 10.9

68 6.5 5.4 8.2



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

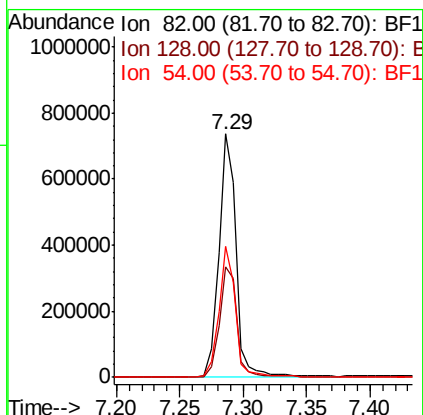
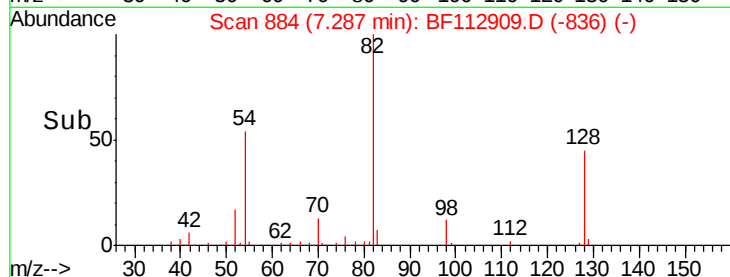
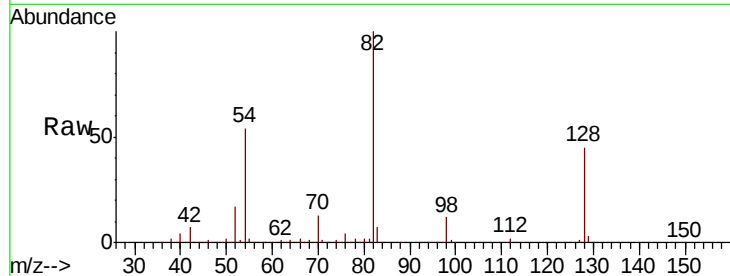




#23
Nitrobenzene-d5
Concen: 59.568 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

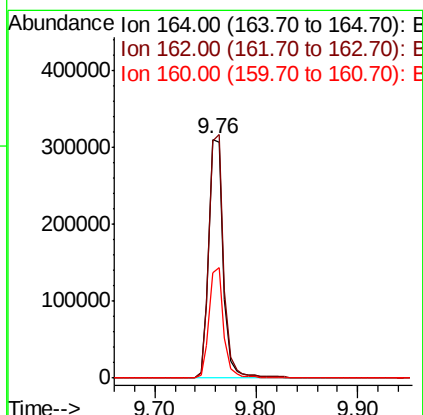
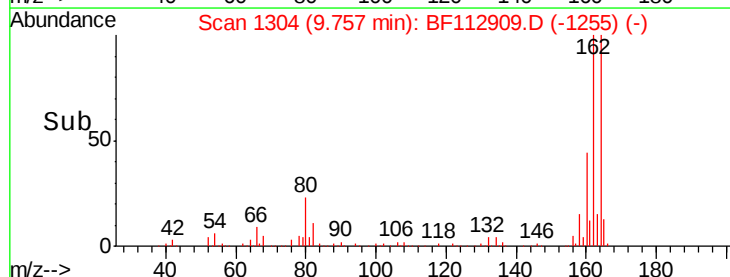
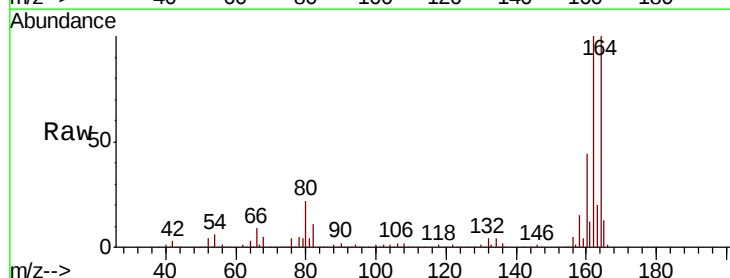
Instrument :
BNA_F
ClientSampleId :
PST-028-B097-022719

Tot Ion	82	Resp	710950
Ion Ratio	100	Lower	Upper
128	45.1	36.3	54.5
54	53.6	43.7	65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF112909.D
Acq: 7 Mar 2019 4:22

Tgt Ion	164	Resp	310912
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.5	80.6	120.8
160	44.1	36.0	54.0

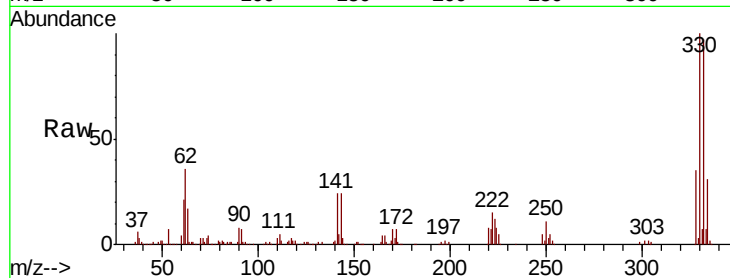




#42
 2,4,6-Tribromophenol
 Concen: 104.972 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112909.D
 Acq: 7 Mar 2019 4:22

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B097-022719

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.2	114.4
141	27.9	27.0	40.6

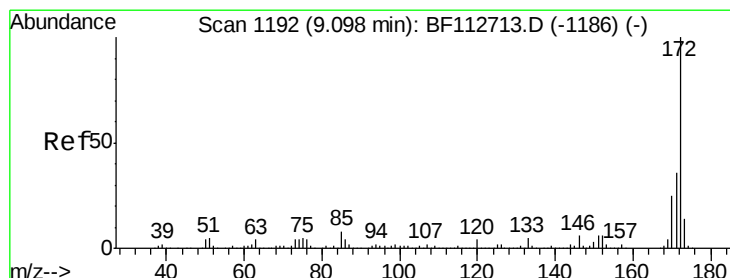
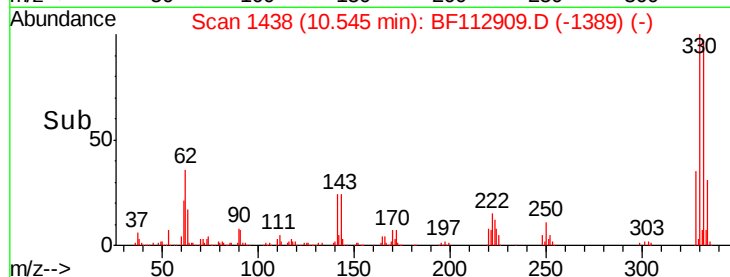
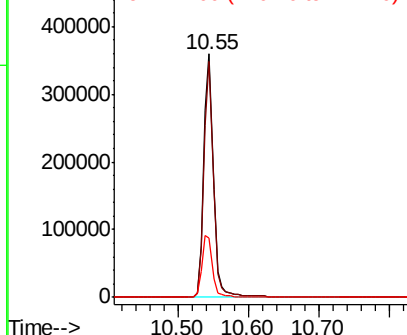


Abundance

Ion 329.80 (329.50 to 330.50): E

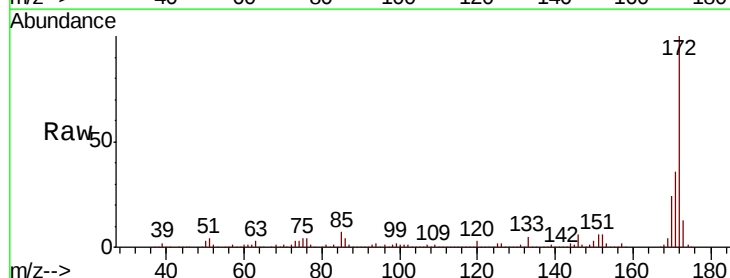
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.849 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112909.D
 Acq: 7 Mar 2019 4:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.4	20.0	30.0

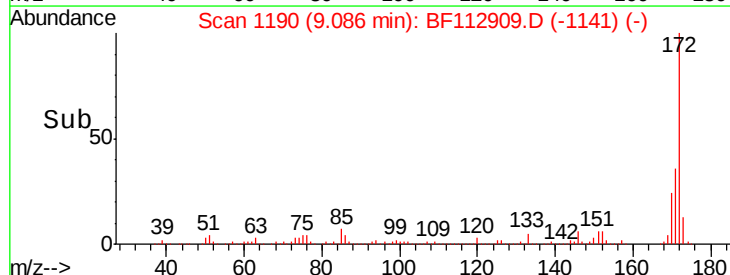
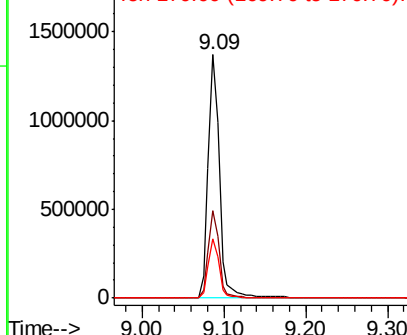


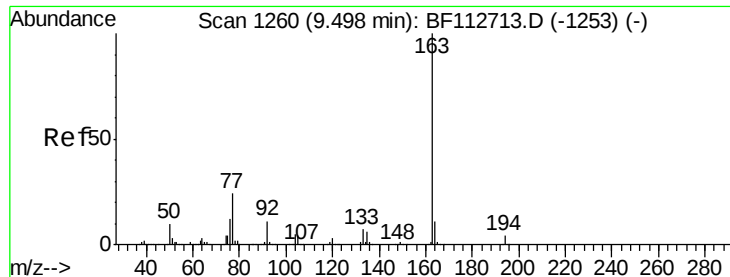
Abundance

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





#50

Dimethylphthalate

Concen: 3.677 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF112909.D

Acq: 7 Mar 2019 4:22

Instrument :

BNA_F

ClientSampleId :

PST-028-B097-022719

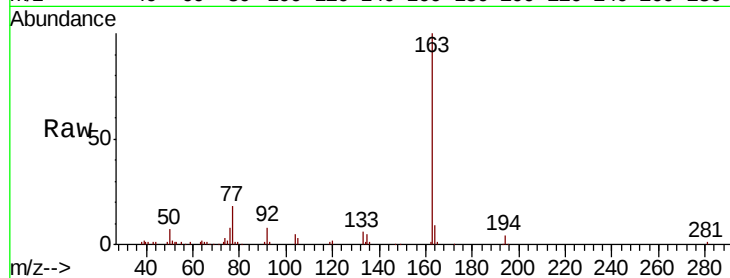
Tot Ion:163 Resp: 84299

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

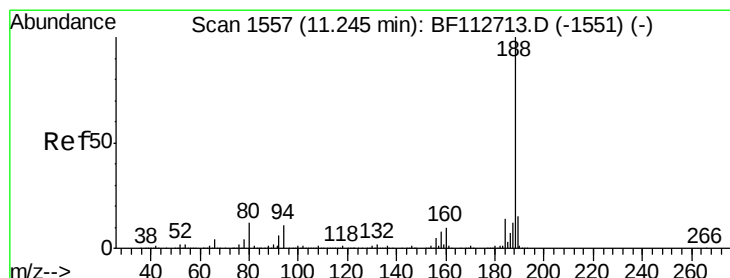
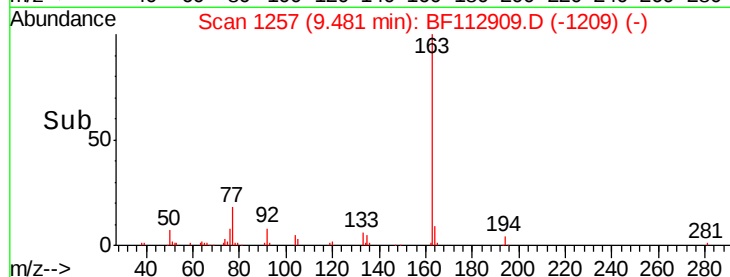
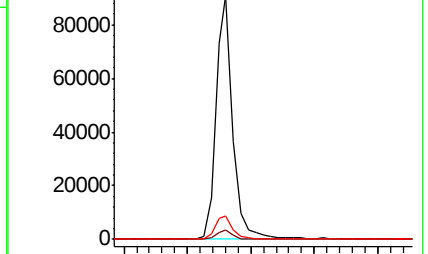
164 9.4 8.4 12.6



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112909.D

Acq: 7 Mar 2019 4:22

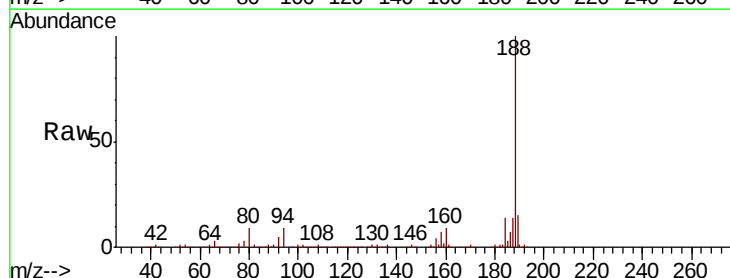
Tgt Ion:188 Resp: 576130

Ion Ratio Lower Upper

188 100

94 9.5 9.0 13.4

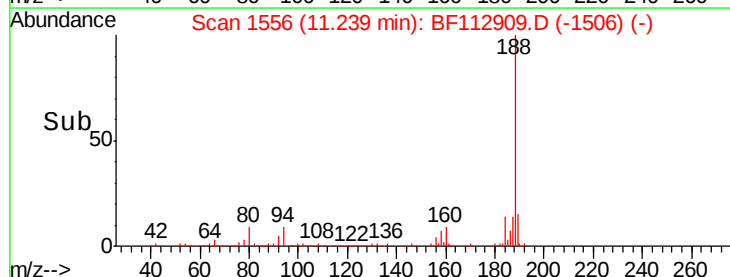
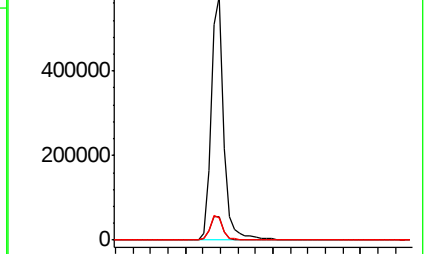
80 9.1 9.2 13.8#

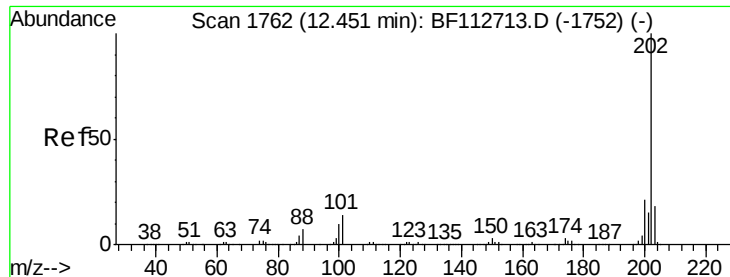


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.350 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF112909.D

Acq: 7 Mar 2019 4:22

Instrument :

BNA_F

ClientSampleId :

PST-028-B097-022719

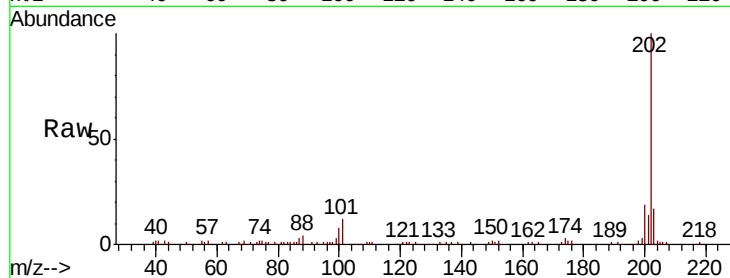
Tot Ion:202 Resp: 72162

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.8

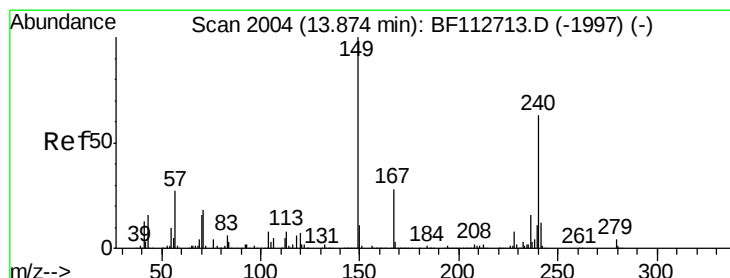
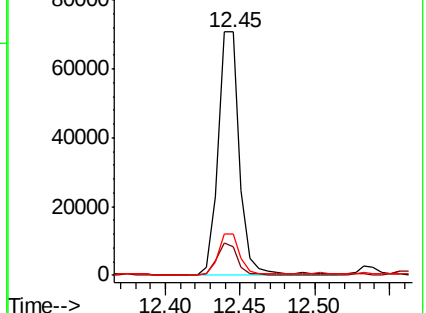
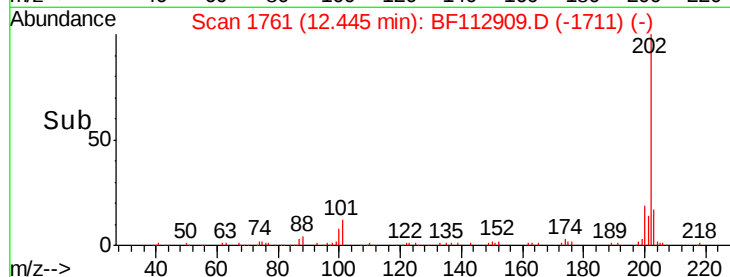
203 17.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112909.D

Acq: 7 Mar 2019 4:22

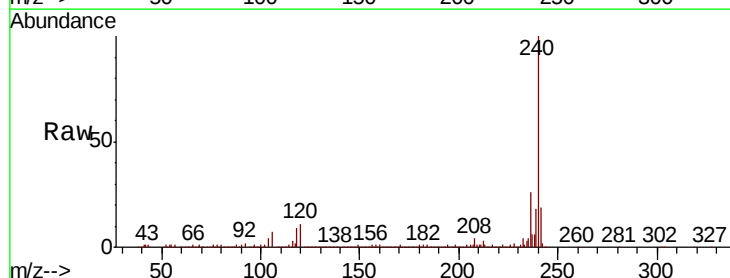
Tgt Ion:240 Resp: 496958

Ion Ratio Lower Upper

240 100

120 10.7 8.9 13.3

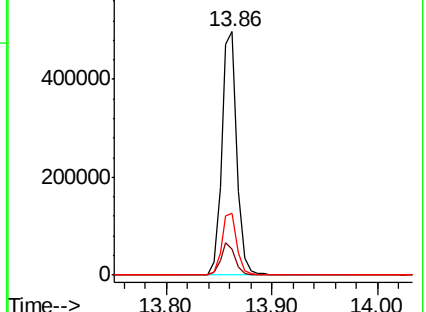
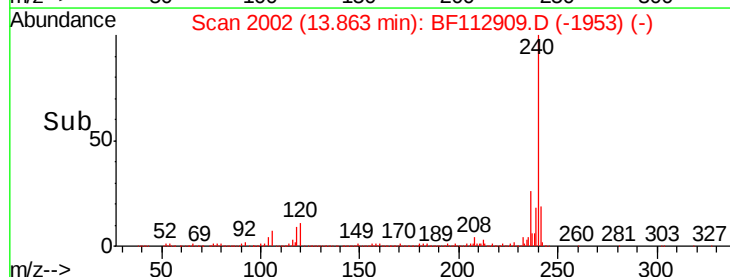
236 25.5 20.7 31.1

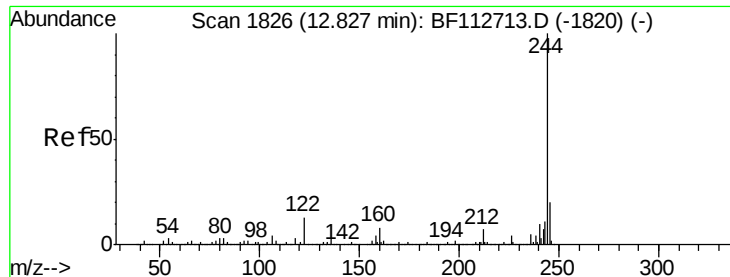


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 47.182 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF112909.D

Acq: 7 Mar 2019 4:22

Instrument :

BNA_F

ClientSampleId :

PST-028-B097-022719

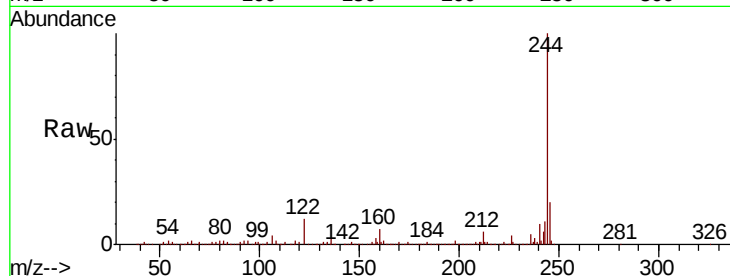
Tot Ion:244 Resp: 1209573

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

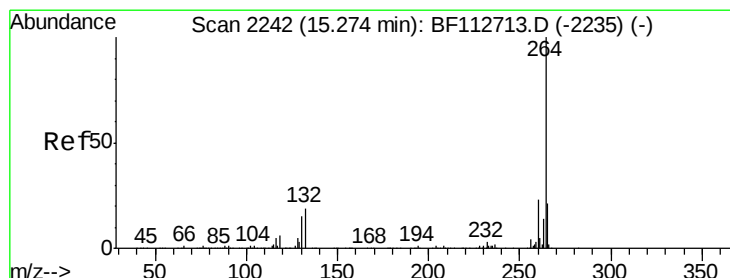
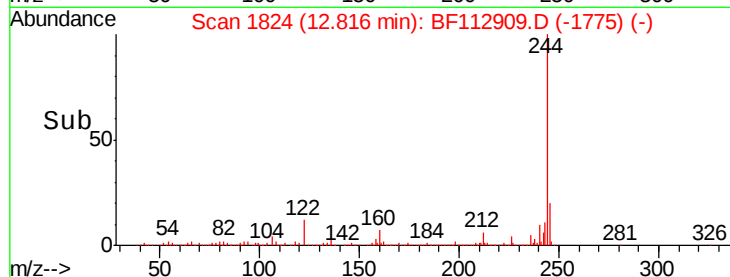
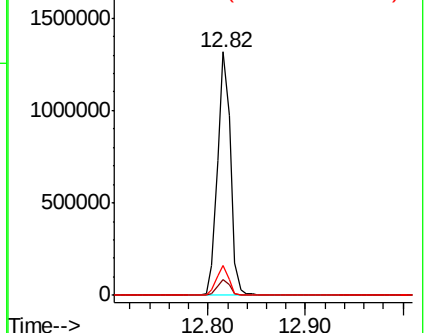
122 12.2 10.5 15.7



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF112909.D

Acq: 7 Mar 2019 4:22

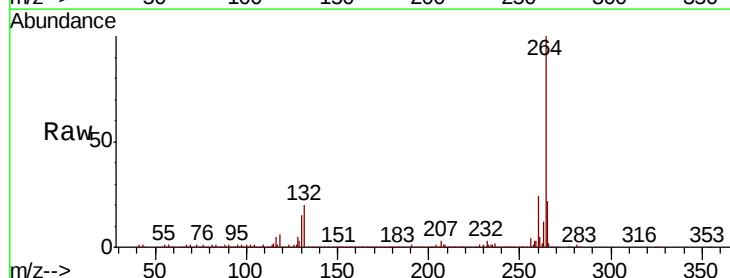
Tgt Ion:264 Resp: 451057

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 21.6 17.2 25.8



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

