

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113098.D
 Acq On : 18 Mar 2019 18:49
 Operator : JU/SJ
 Sample : K1687-07 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-A

Quant Time: Mar 19 04:51:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

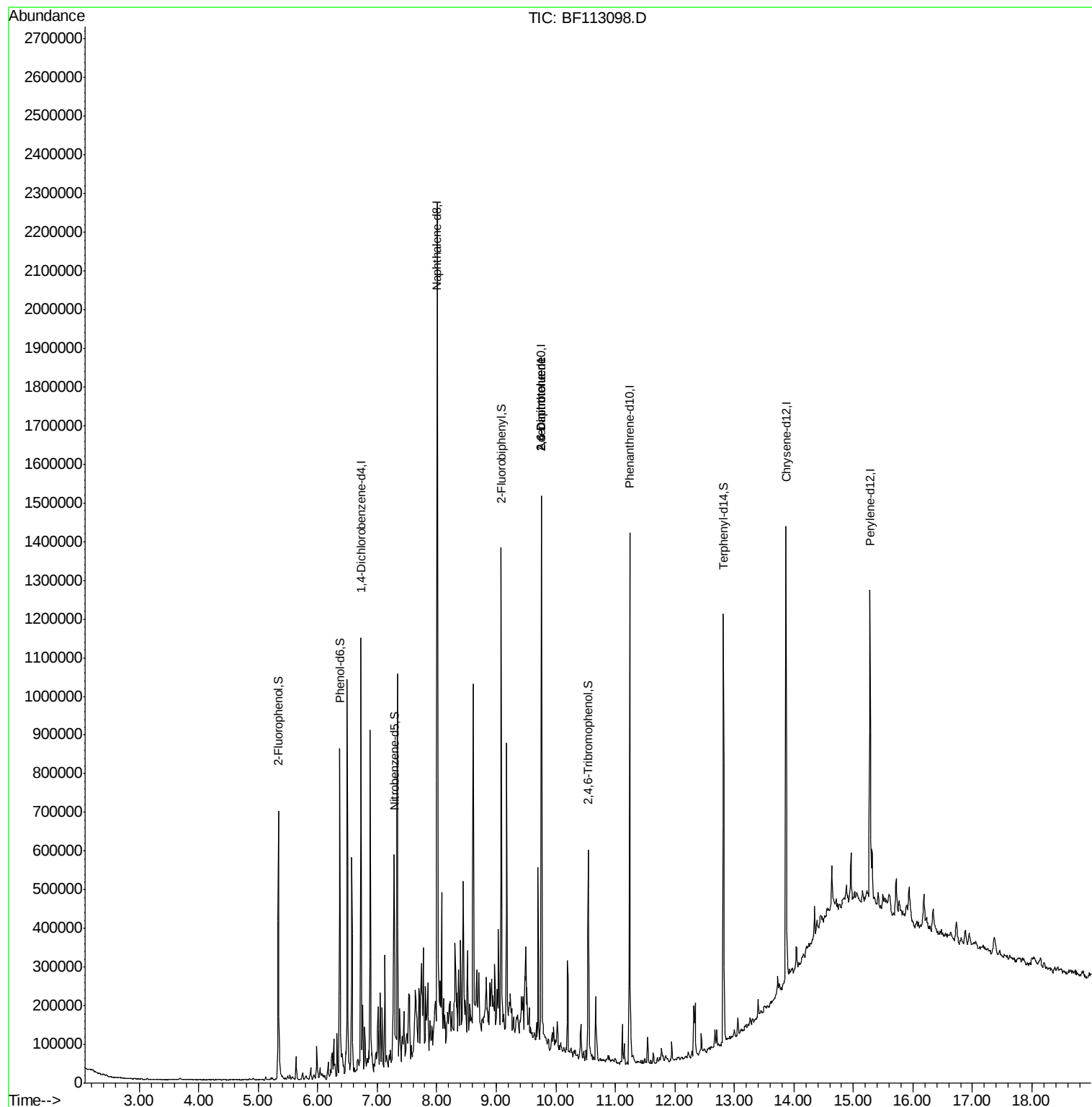
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	153789	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	637737	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	306015	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	555972	20.00	ng	0.00
76) Chrysene-d12	13.87	240	488383	20.00	ng	0.00
87) Perylene-d12	15.28	264	410241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	216702	21.92	ng	0.00
7) Phenol-d6	6.37	99	302646	24.37	ng	0.00
23) Nitrobenzene-d5	7.29	82	177213	16.63	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	84411	25.98	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	419056	17.79	ng	-0.01
79) Terphenyl-d14	12.82	244	390208	15.49	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.76	165	41315	8.793	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	41557	7.115	ng	# 18

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

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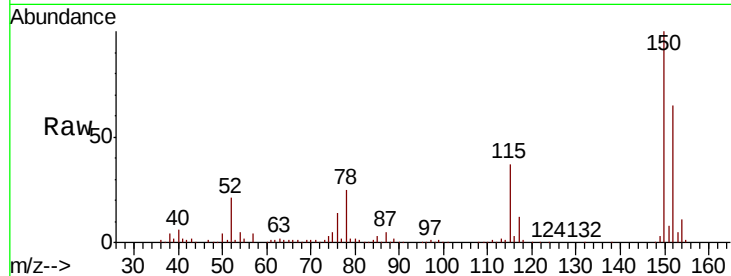


#1

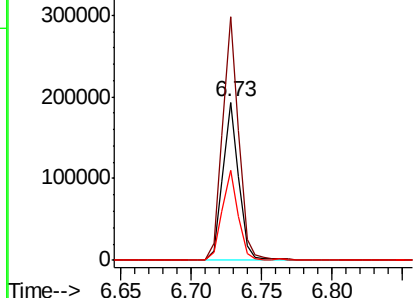
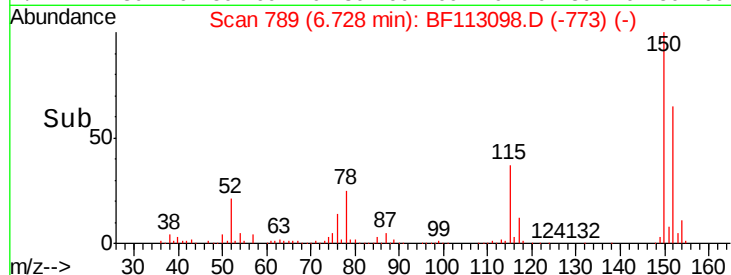
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF113098.D
 Acq: 18 Mar 2019 18:49

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-A

Tgt Ion:152 Resp: 153789
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.2 186.2
 115 56.7 48.2 72.4



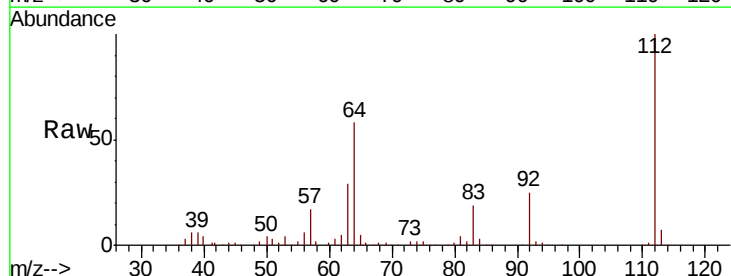
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



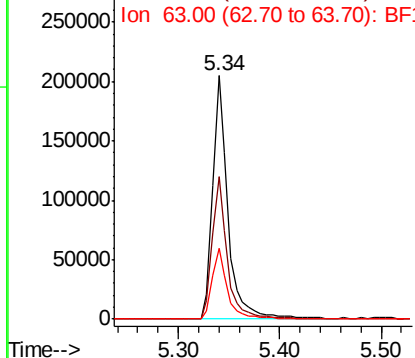
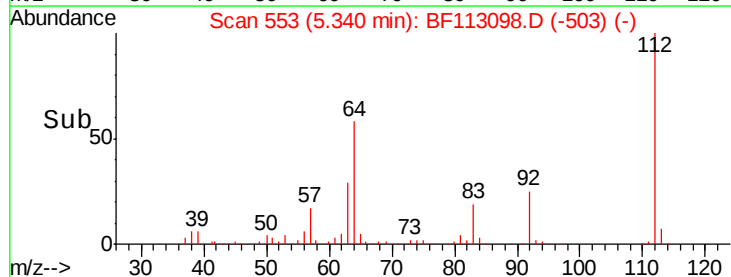
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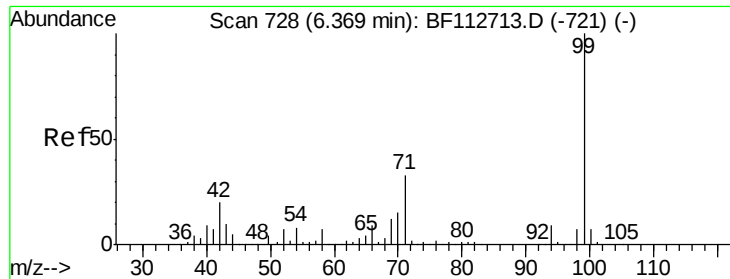
2-Fluorophenol
 Concen: 21.919 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF113098.D
 Acq: 18 Mar 2019 18:49

Tgt Ion:112 Resp: 216702
 Ion Ratio Lower Upper
 112 100
 64 58.4 47.6 71.4
 63 29.3 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: 24.369 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113098.D

Acq: 18 Mar 2019 18:49

Instrument :

BNA_F

ClientSampleId :

HR-05-031519-A

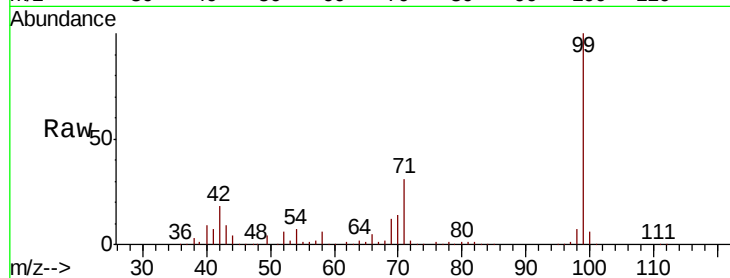
Tgt Ion: 99 Resp: 302646

Ion Ratio Lower Upper

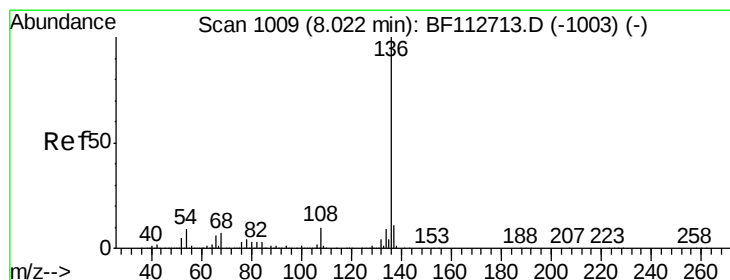
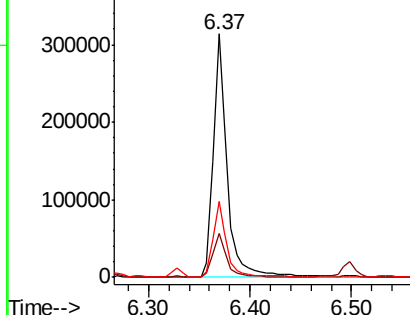
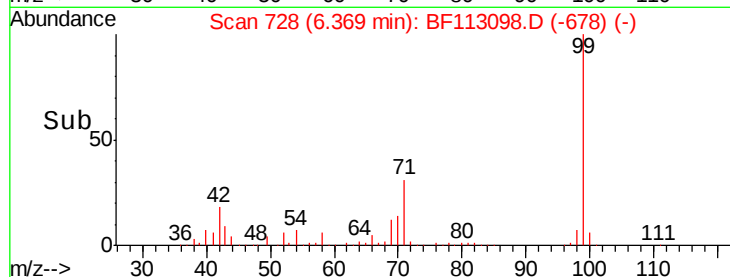
99 100

42 17.8 16.3 24.5

71 31.2 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: BF113098.D

Acq: 18 Mar 2019 18:49

Tgt Ion: 136 Resp: 637737

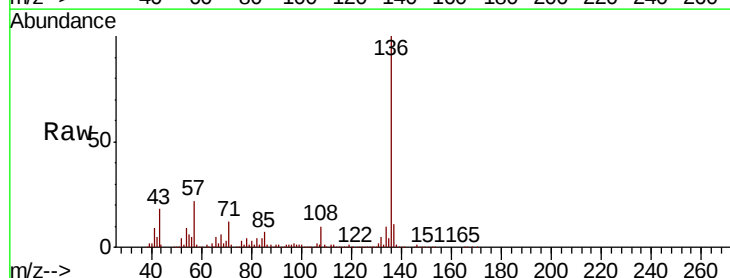
Ion Ratio Lower Upper

136 100

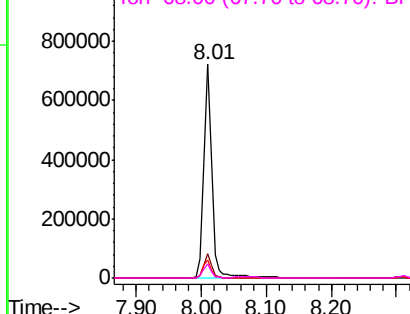
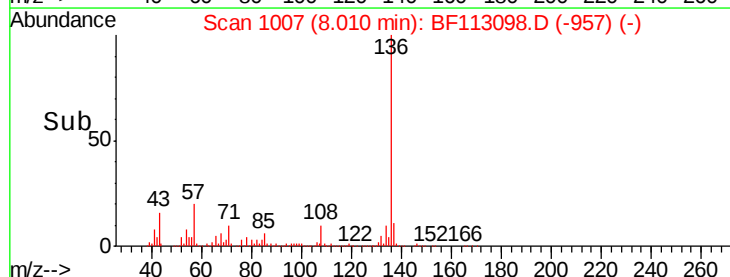
137 11.2 8.9 13.3

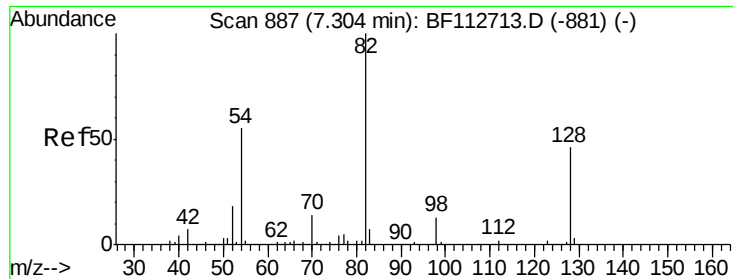
54 8.5 7.3 10.9

68 6.4 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

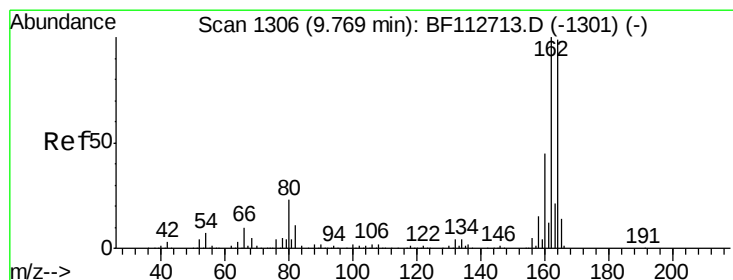
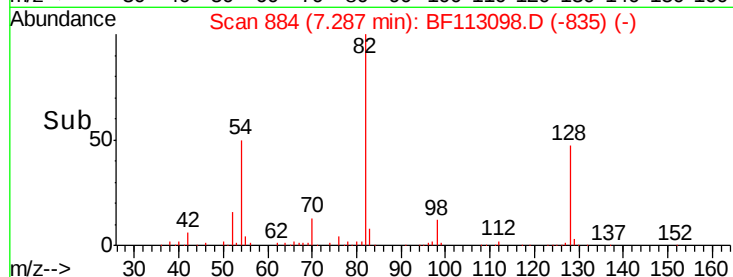
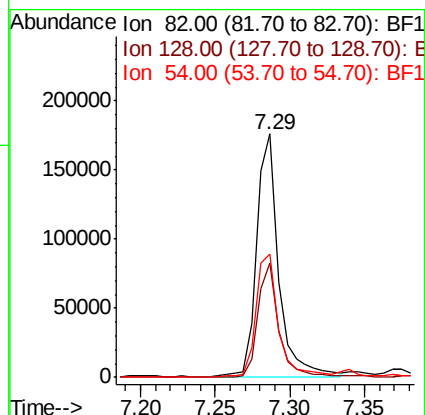
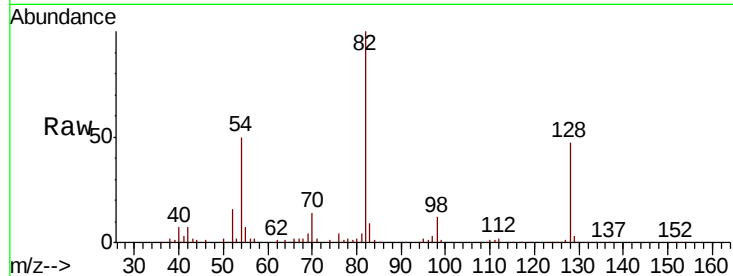




#23
 Nitrobenzene-d5
 Concen: 16.628 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113098.D
 Acq: 18 Mar 2019 18:49

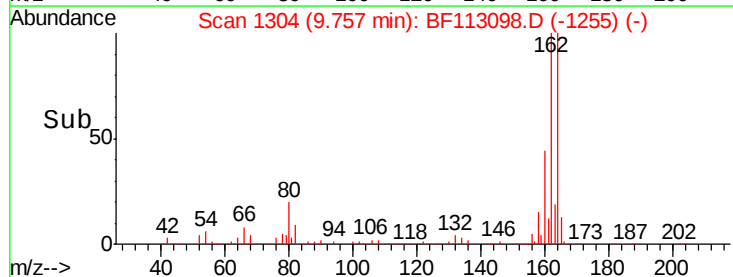
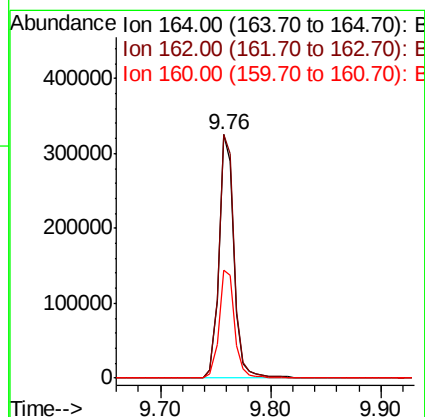
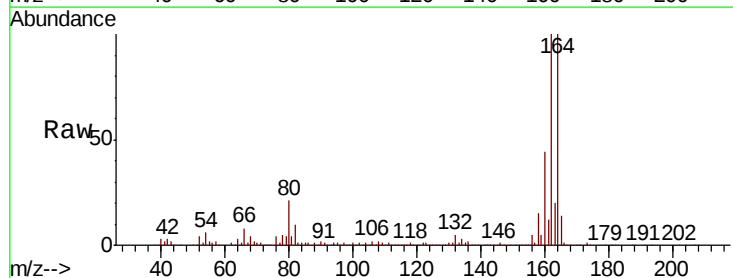
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-A

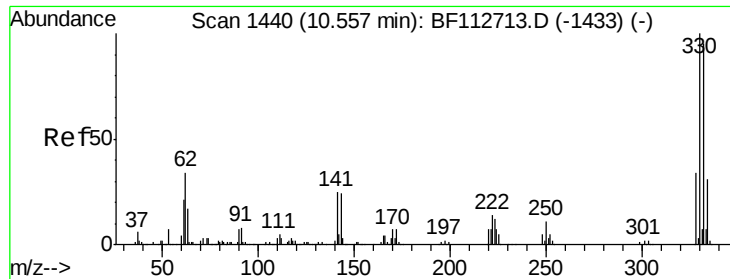
Tgt Ion: 82 Resp: 177213
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.3 54.5
 54 50.4 43.7 65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113098.D
 Acq: 18 Mar 2019 18:49

Tgt Ion: 164 Resp: 306015
 Ion Ratio Lower Upper
 164 100
 162 99.9 80.6 120.8
 160 44.3 36.0 54.0

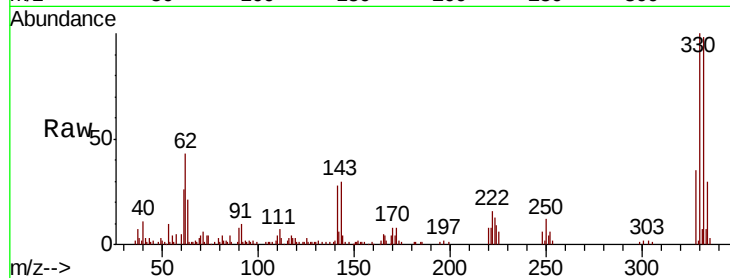




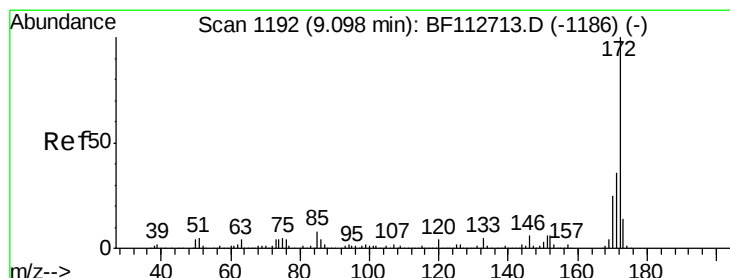
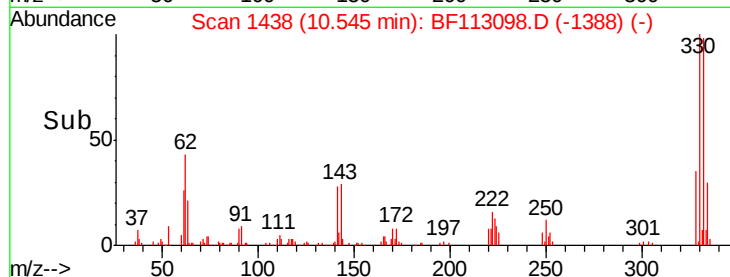
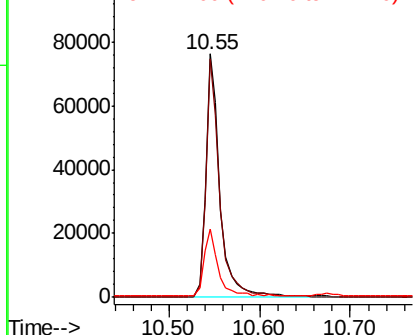
#42
 2,4,6-Tribromophenol
 Concen: 25.983 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113098.D
 Acq: 18 Mar 2019 18:49

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031519-A

Tgt Ion:330 Resp: 84411
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.2 114.4
 141 27.0 27.0 40.6#

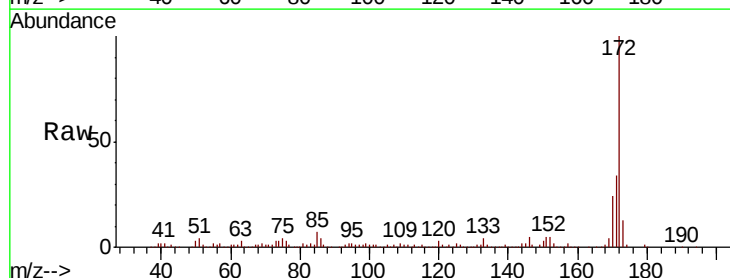


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

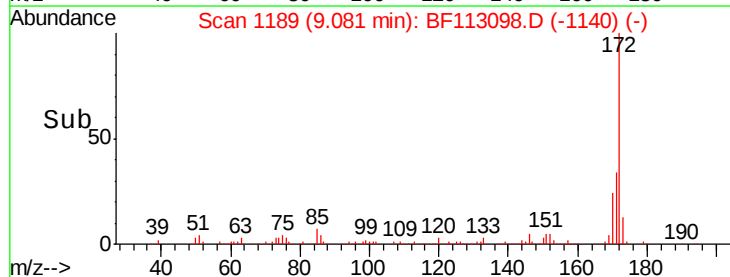
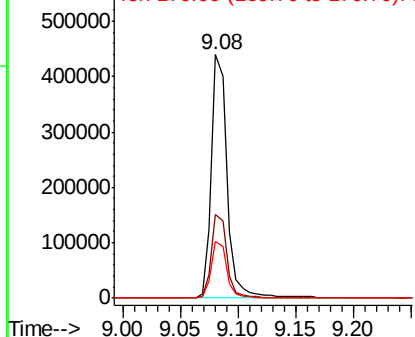


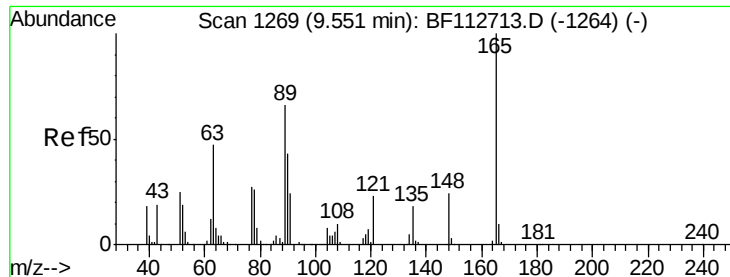
#45
 2-Fluorobiphenyl
 Concen: 17.788 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113098.D
 Acq: 18 Mar 2019 18:49

Tgt Ion:172 Resp: 419056
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.0 43.4
 170 23.5 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

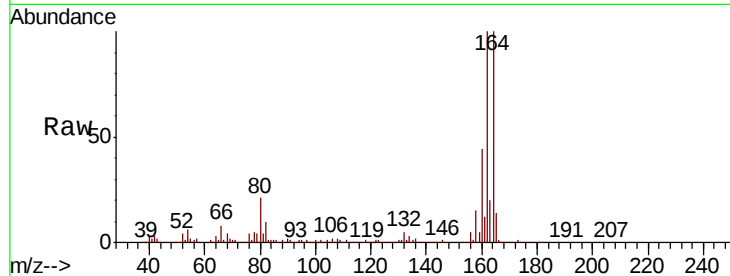




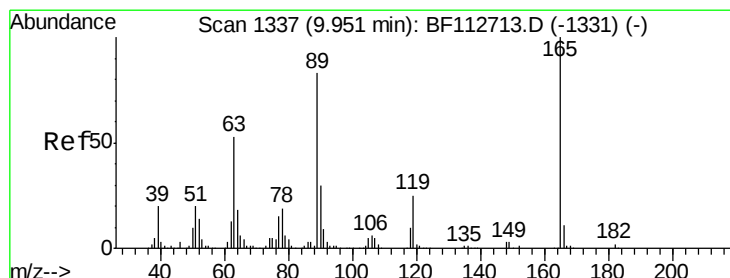
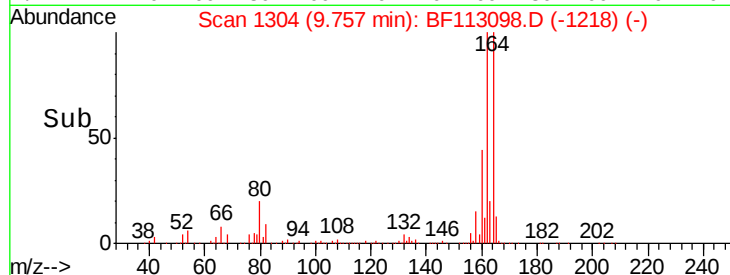
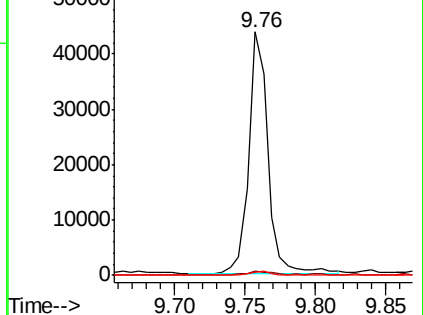
#51
 2,6-Dinitrotoluene
 Concen: 8.793 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF113098.D
 Acq: 18 Mar 2019 18:49

Instrument :
 BNA_F
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 HR-05-031519-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	54.1	81.1#
89	1.4	52.8	79.2#



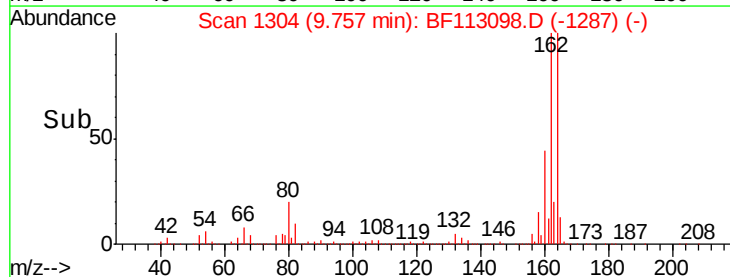
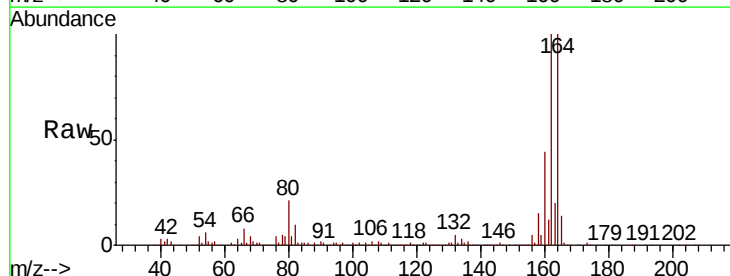
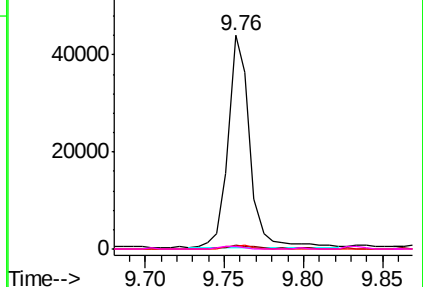
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

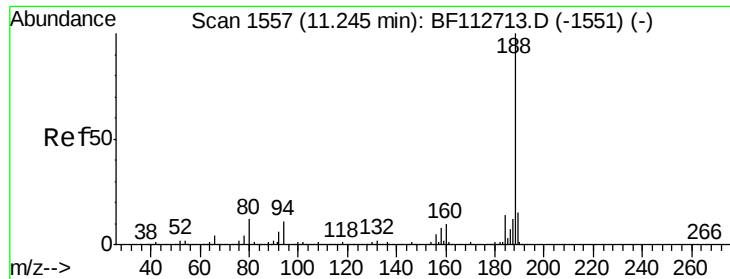


#57
 2,4-Dinitrotoluene
 Concen: 7.115 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF113098.D
 Acq: 18 Mar 2019 18:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.2	63.2#
89	1.4	66.2	99.4#
182	1.2	1.8	2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113098.D

Acq: 18 Mar 2019 18:49

Instrument :

BNA_F

ClientSampleId :

HR-05-031519-A

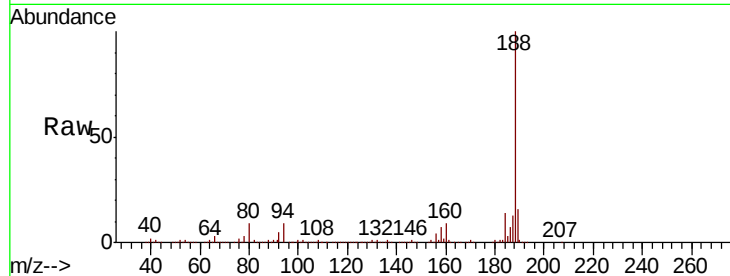
Tgt Ion:188 Resp: 555972

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.4

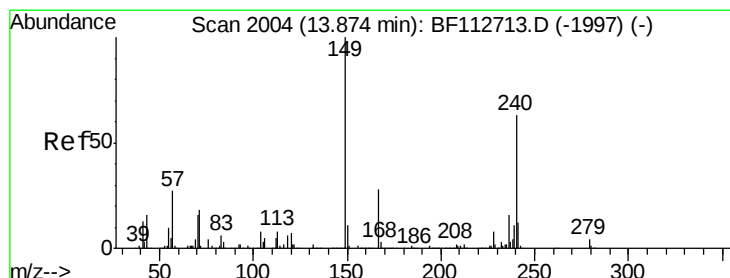
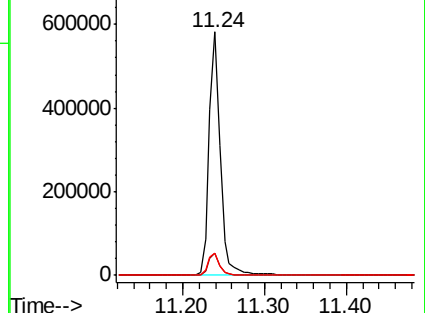
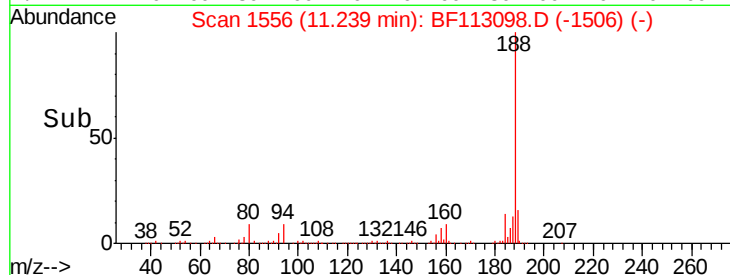
80 9.2 9.2 13.8#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113098.D

Acq: 18 Mar 2019 18:49

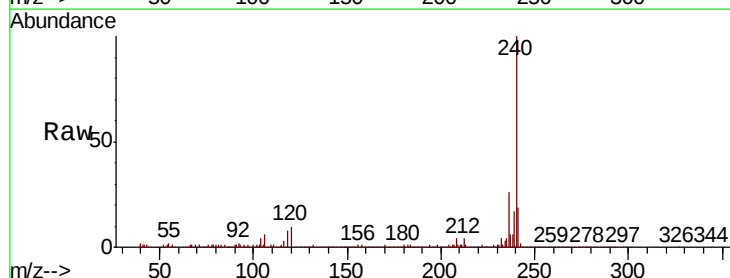
Tgt Ion:240 Resp: 488383

Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

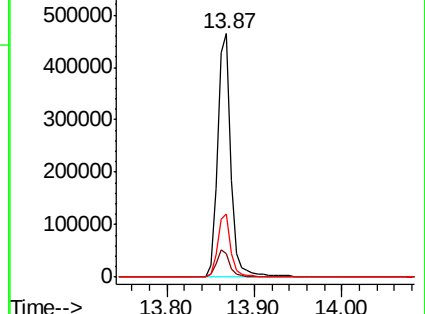
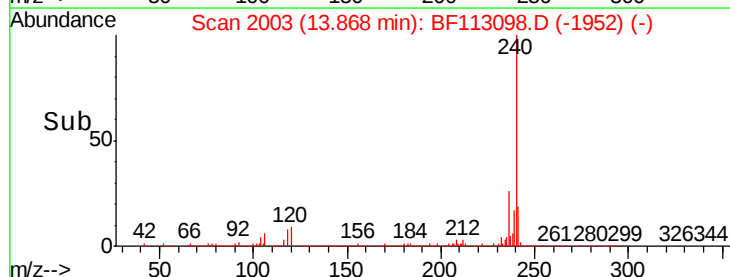
236 25.8 20.7 31.1

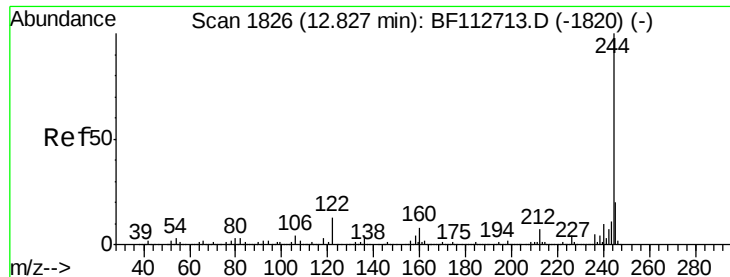


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 15.488 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113098.D

Acq: 18 Mar 2019 18:49

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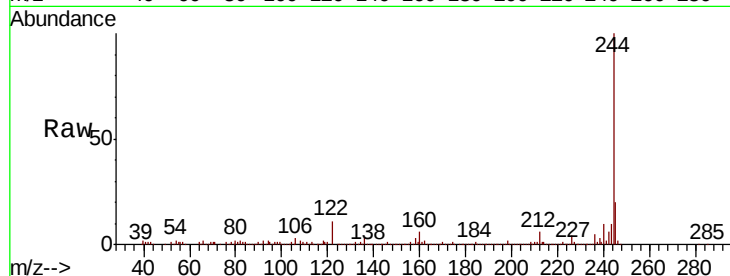
Tgt Ion:244 Resp: 390208

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

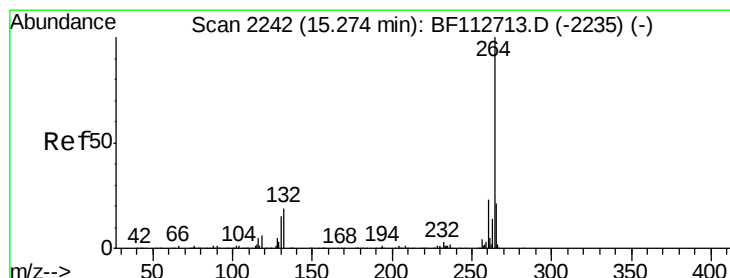
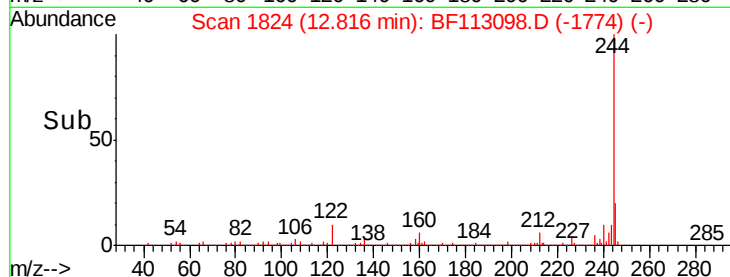
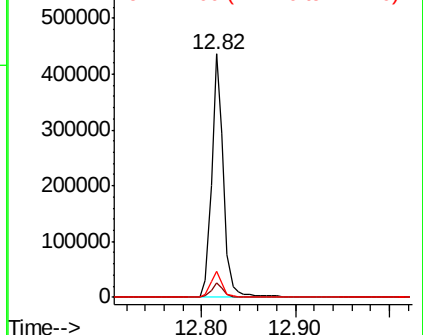
122 10.5 10.5 15.7



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113098.D

Acq: 18 Mar 2019 18:49

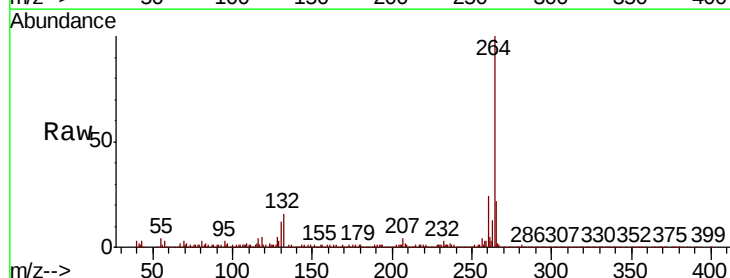
Tgt Ion:264 Resp: 410241

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.7 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

