

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033020\
 Data File : BF119640.D
 Acq On : 30 Mar 2020 18:32
 Operator : MA/SJ
 Sample : L2049-03 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(1-3)

Quant Time: Mar 31 00:32:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

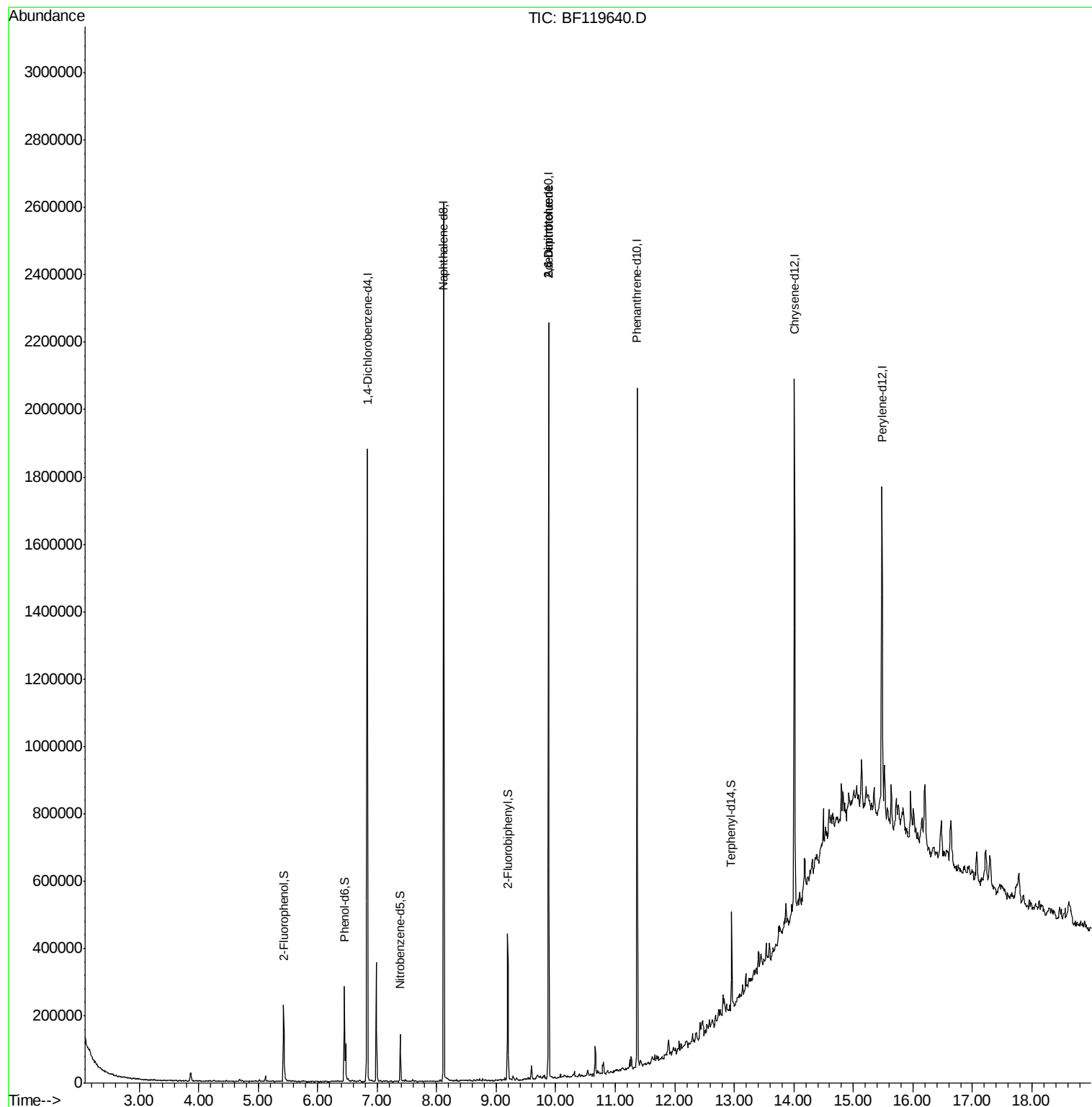
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	290713	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1045762	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	465748	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	715479	20.00	ng	0.00
76) Chrysene-d12	14.01	240	518693	20.00	ng	0.00
87) Perylene-d12	15.48	264	454844	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	62148	3.40	ng	-0.01
7) Phenol-d6	6.45	99	96708	4.15	ng	-0.02
23) Nitrobenzene-d5	7.39	82	38954	2.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	9242	1.92	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	131203	4.17	ng	-0.01
79) Terphenyl-d14	12.96	244	102838	3.88	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	9.87	165	59774	8.43	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	59774	6.69	ng	# 20

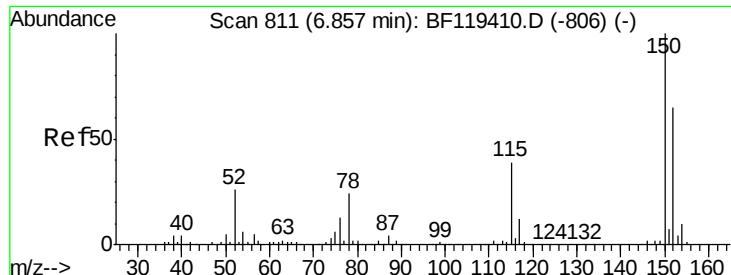
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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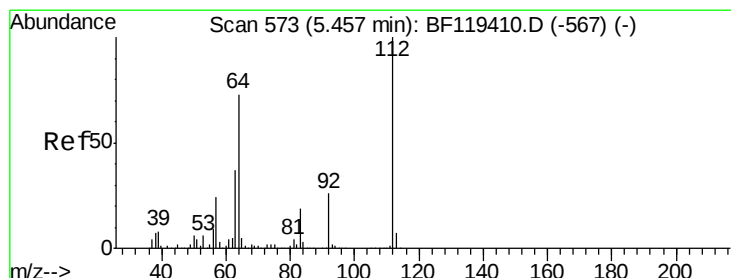
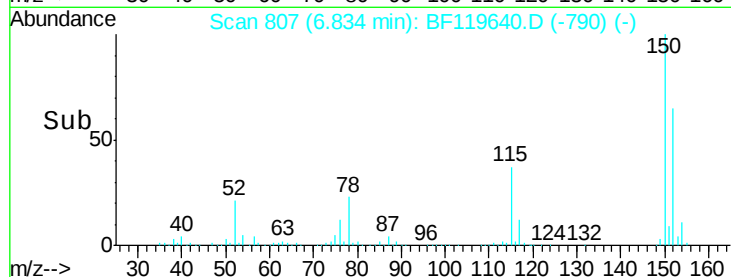
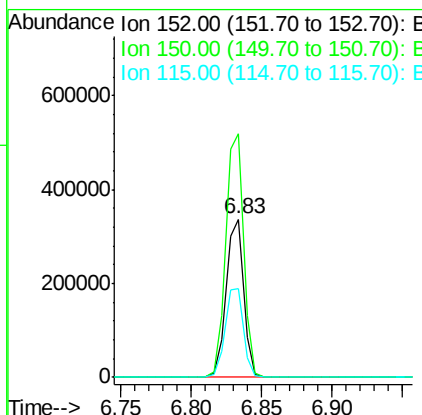
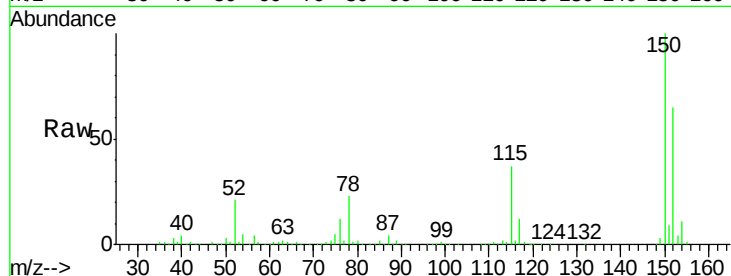




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF119640.D
 Acq: 30 Mar 2020 18:32

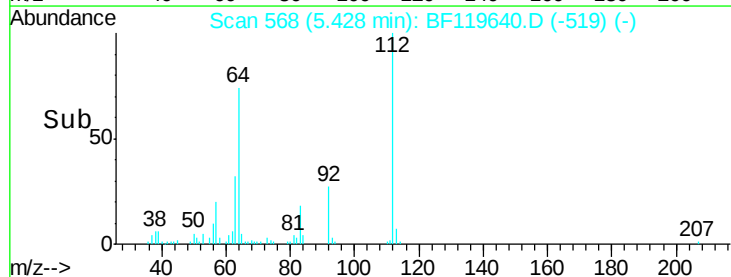
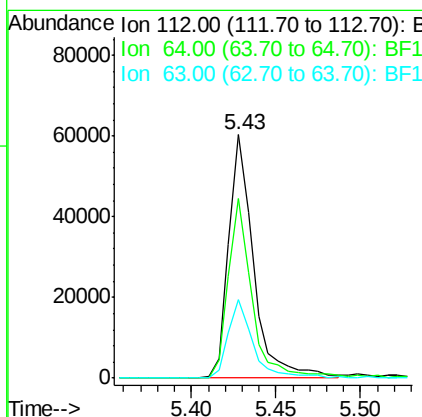
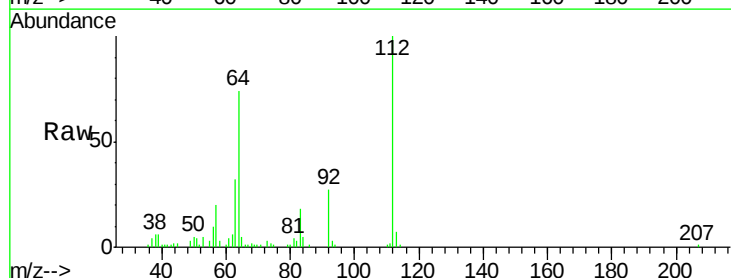
Instrument :
 BNA_F
 ClientSampleId :
 SB-5-(1-3)

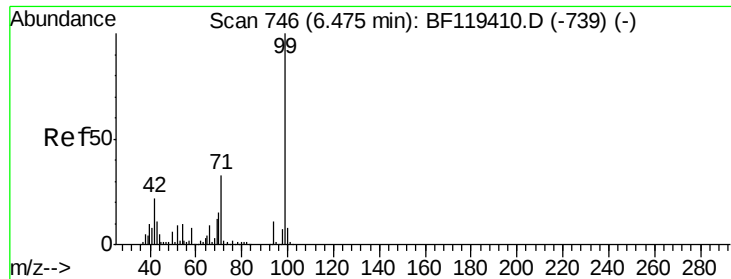
Tgt Ion:152 Resp: 290713
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.5 186.7
 115 56.3 49.6 74.4



#5
 2-Fluorophenol
 Concen: 3.40 ng
 RT: 5.43 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF119640.D
 Acq: 30 Mar 2020 18:32

Tgt Ion:112 Resp: 62148
 Ion Ratio Lower Upper
 112 100
 64 73.8 56.7 85.1
 63 32.5 29.5 44.3





#7

Phenol-d6

Concen: 4.15 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF119640.D

Acq: 30 Mar 2020 18:32

Instrument :

BNA_F

ClientSampleId :

SB-5-(1-3)

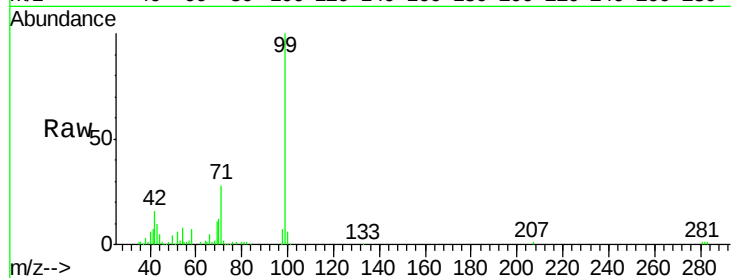
Tgt Ion: 99 Resp: 96708

Ion Ratio Lower Upper

99 100

42 16.5 16.6 24.8#

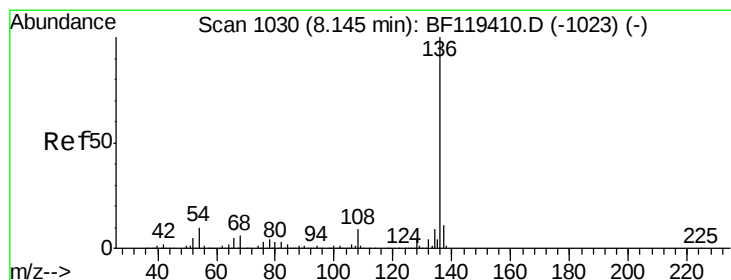
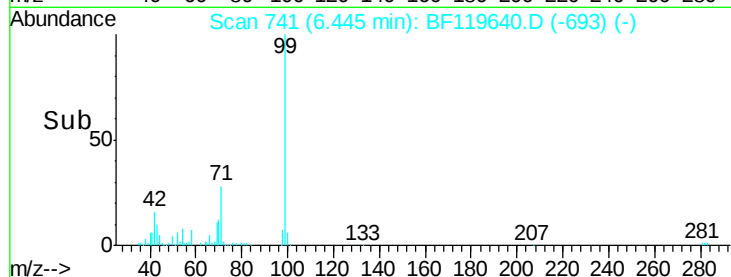
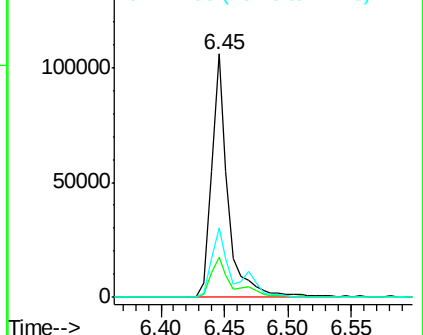
71 28.5 26.4 39.6



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: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119640.D

Acq: 30 Mar 2020 18:32

Tgt Ion: 136 Resp: 1045762

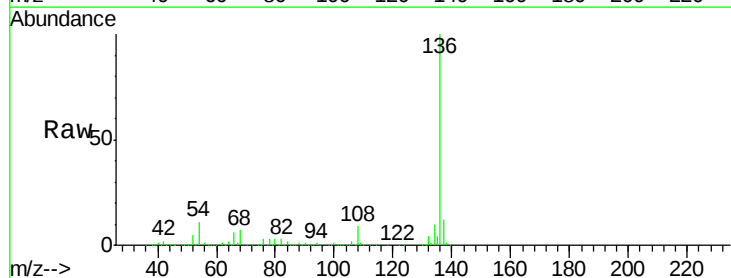
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 10.6 9.1 13.7

68 6.6 4.6 6.8

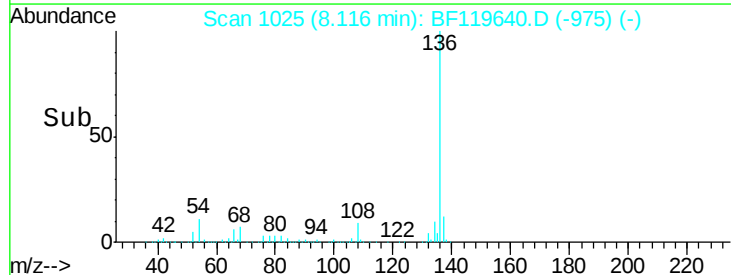
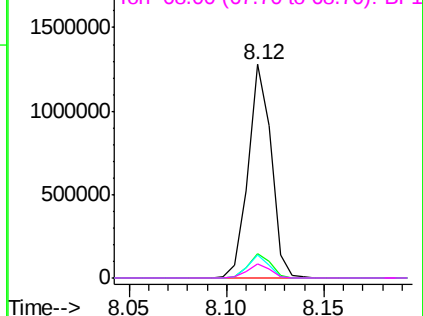


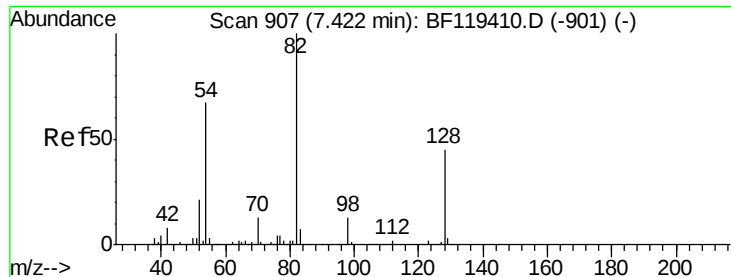
Abundance Ion 136.00 (135.70 to 136.70): E

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

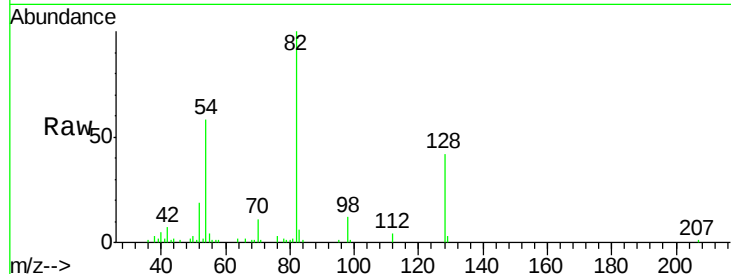




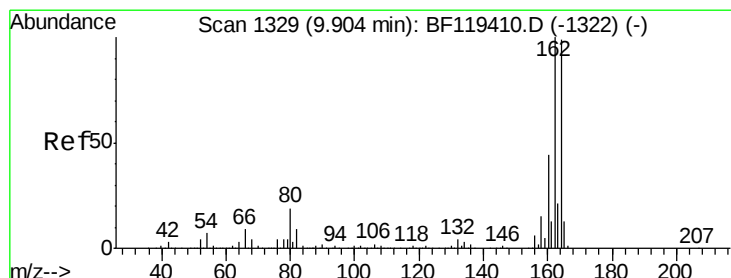
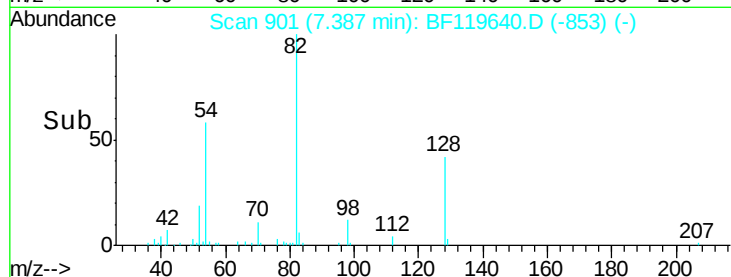
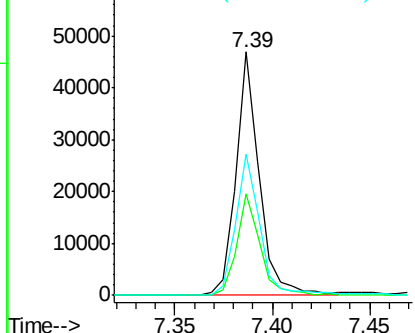
#23
Nitrobenzene-d5
Concen: 2.02 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF119640.D
Acq: 30 Mar 2020 18:32

Instrument :
BNA_F
ClientSampleId :
SB-5-(1-3)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.3	54.5
54	58.3	50.6	75.8

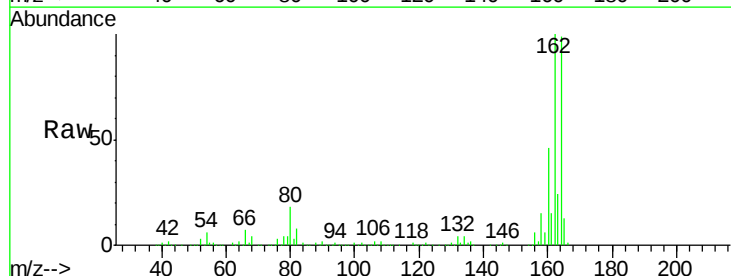


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

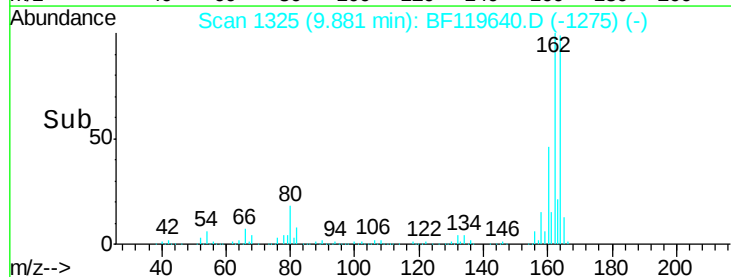
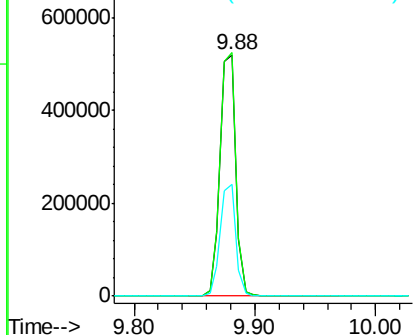


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF119640.D
Acq: 30 Mar 2020 18:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	121.0
160	46.5	35.7	53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 1.92 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF119640.D

Acq: 30 Mar 2020 18:32

Instrument :

BNA_F

ClientSampleId :

SB-5-(1-3)

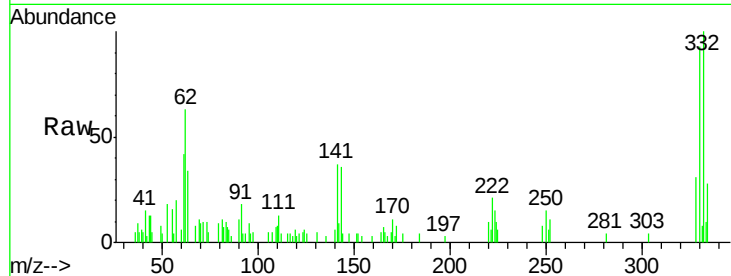
Tgt Ion:330 Resp: 9242

Ion Ratio Lower Upper

330 100

332 106.1 75.7 113.5

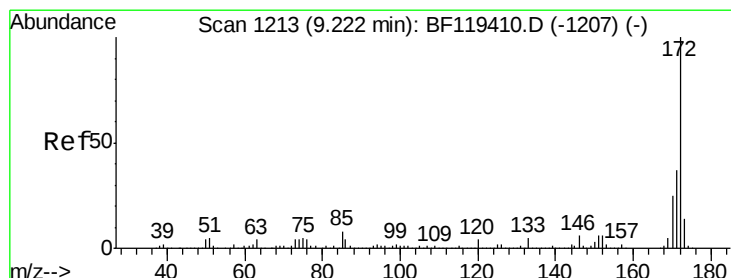
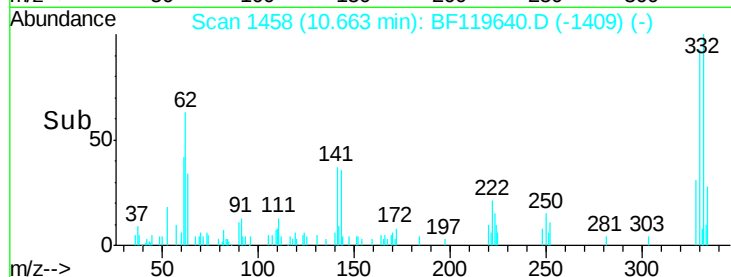
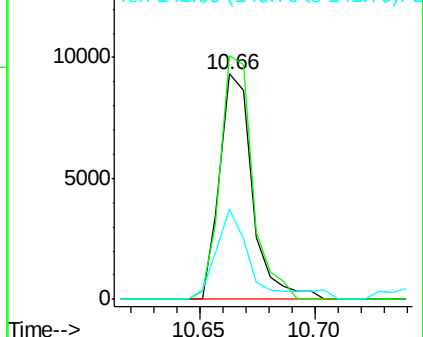
141 42.2 25.4 38.0#



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: 4.17 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF119640.D

Acq: 30 Mar 2020 18:32

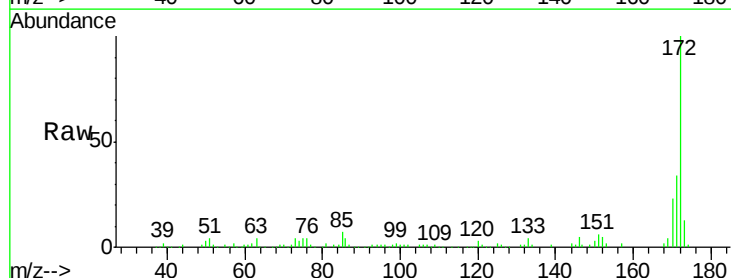
Tgt Ion:172 Resp: 131203

Ion Ratio Lower Upper

172 100

171 34.1 29.6 44.4

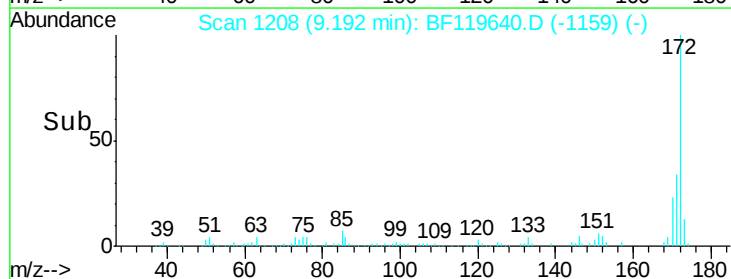
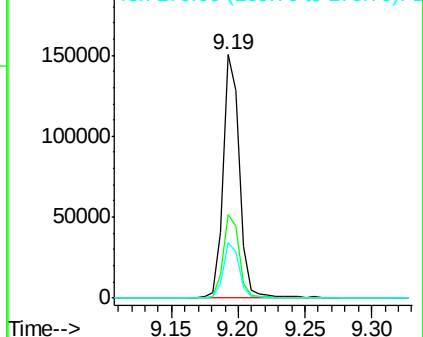
170 23.0 20.2 30.2

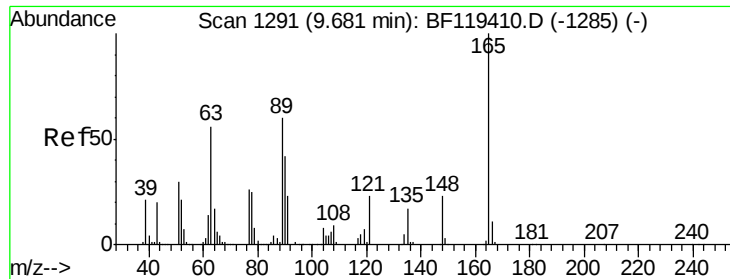


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

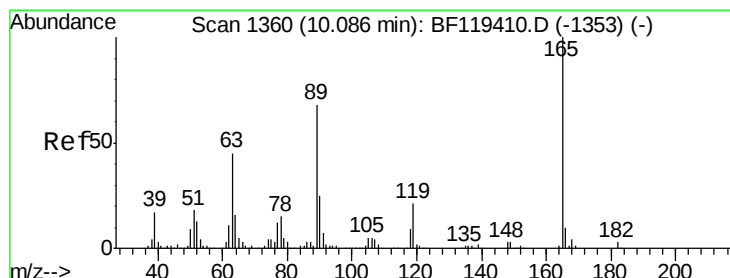
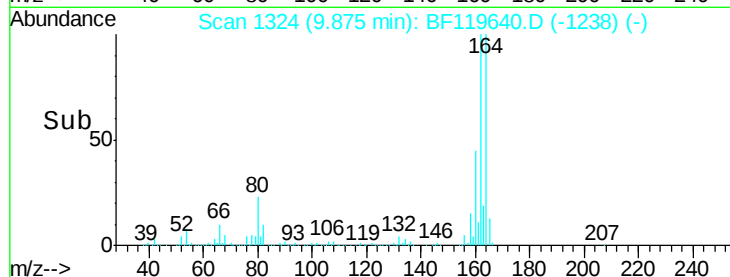
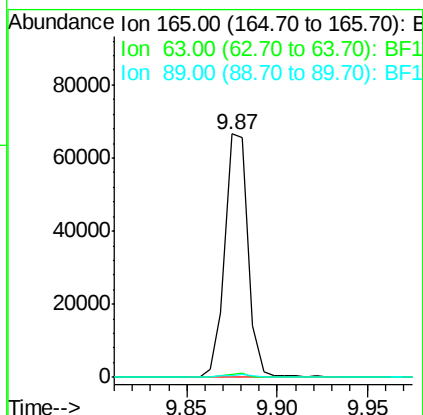
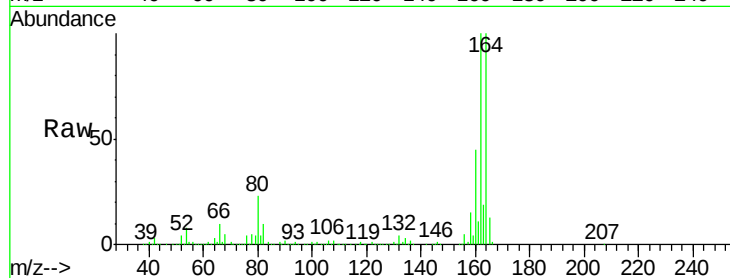




#51
 2,6-Dinitrotoluene
 Concen: 8.43 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119640.D
 Acq: 30 Mar 2020 18:32

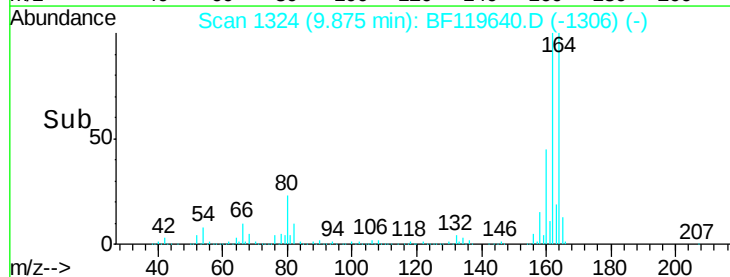
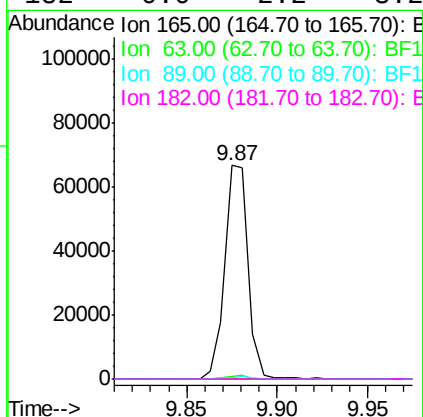
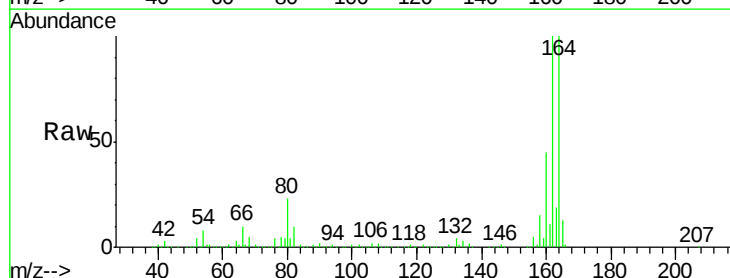
Instrument :
 BNA_F
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 SB-5-(1-3)

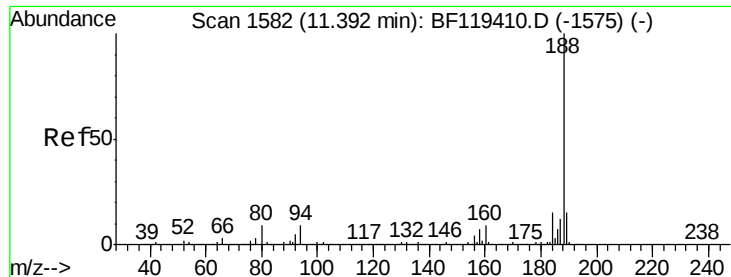
Tgt Ion:165 Resp: 59774
 Ion Ratio Lower Upper
 165 100
 63 1.2 45.0 67.4#
 89 0.7 41.5 62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.69 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119640.D
 Acq: 30 Mar 2020 18:32

Tgt Ion:165 Resp: 59774
 Ion Ratio Lower Upper
 165 100
 63 1.2 42.6 64.0#
 89 0.7 61.0 91.4#
 182 0.0 2.2 3.2#

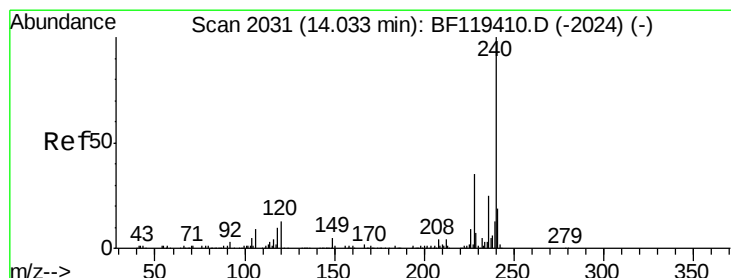
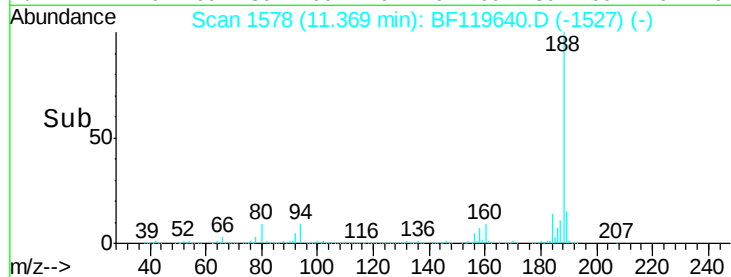
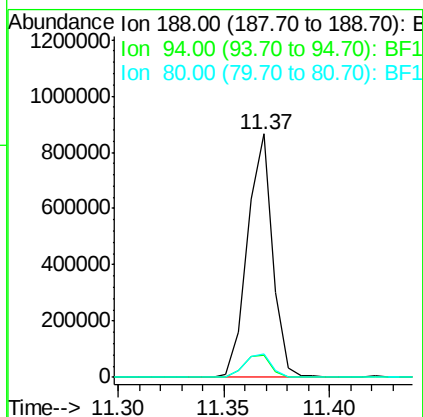
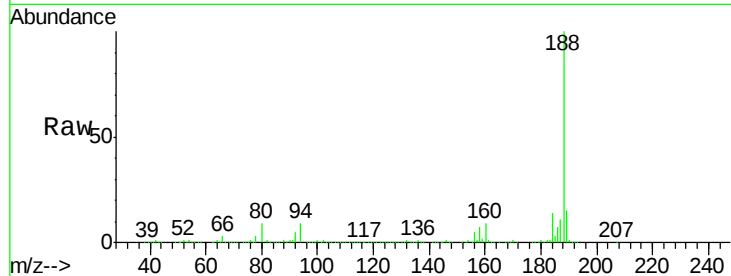




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF119640.D
Acq: 30 Mar 2020 18:32

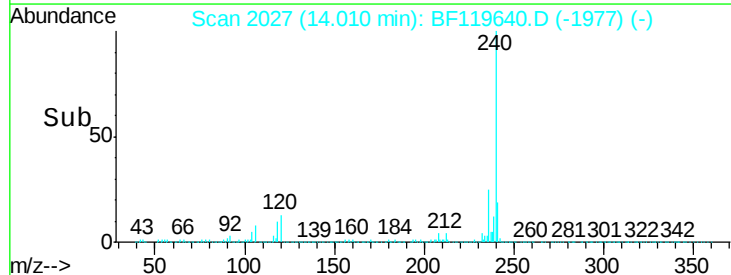
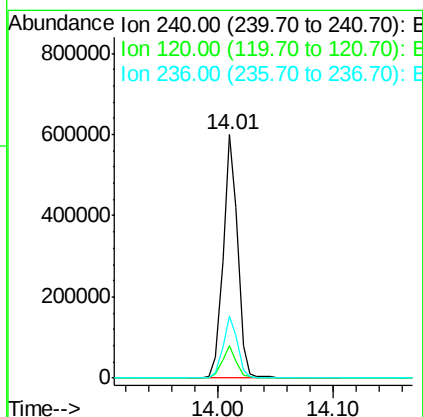
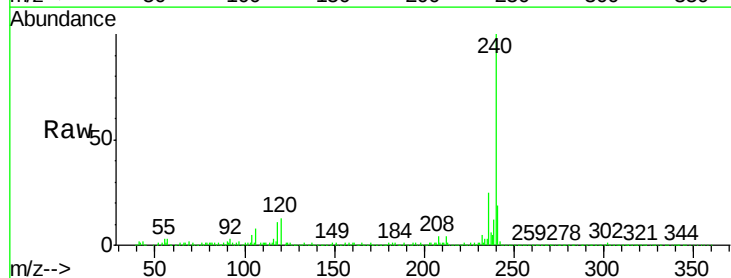
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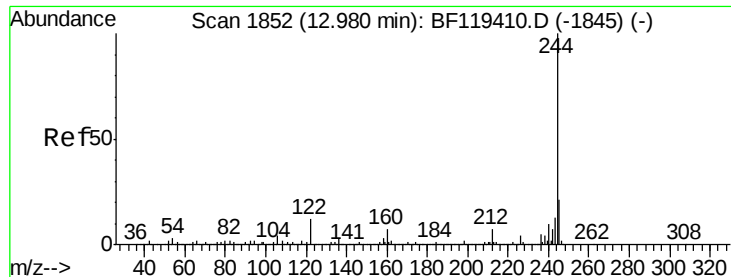
Tgt Ion:188 Resp: 715479
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.4 9.0 13.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119640.D
Acq: 30 Mar 2020 18:32

Tgt Ion:240 Resp: 518693
Ion Ratio Lower Upper
240 100
120 13.4 10.6 15.8
236 25.4 20.2 30.2





#79

Terphenyl-d14

Concen: 3.88 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119640.D

Acq: 30 Mar 2020 18:32

Instrument :

BNA_F

ClientSampleId :

SB-5-(1-3)

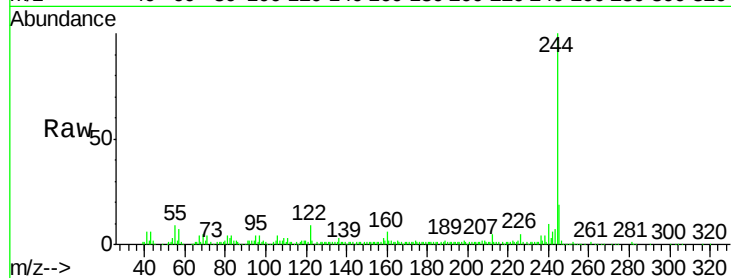
Tgt Ion:244 Resp: 102838

Ion Ratio Lower Upper

244 100

212 5.3 5.8 8.8#

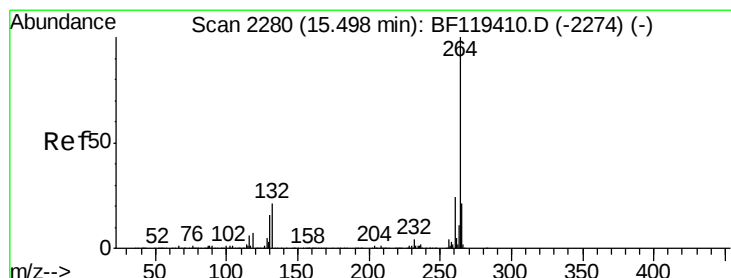
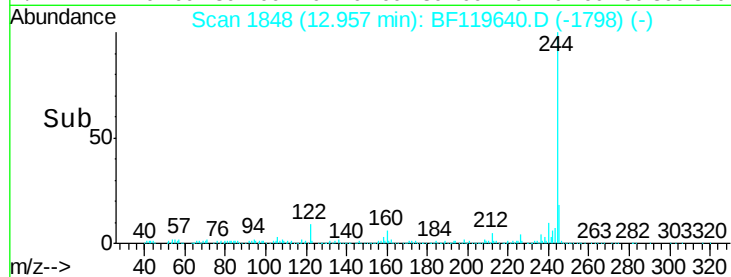
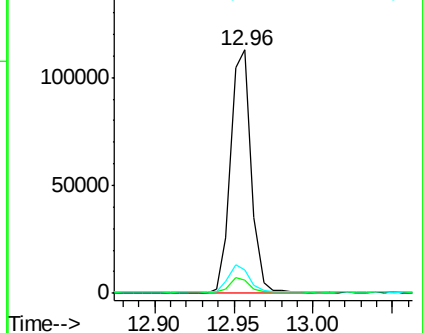
122 9.4 10.3 15.5#



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: 20.00 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BF119640.D

Acq: 30 Mar 2020 18:32

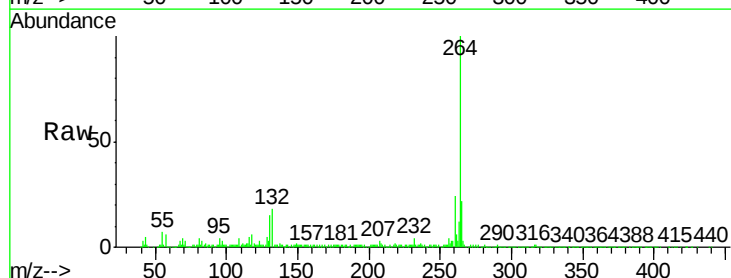
Tgt Ion:264 Resp: 454844

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 21.6 17.7 26.5



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

