

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119826.D
 Acq On : 7 Apr 2020 17:03
 Operator : MA/SJ
 Sample : L2102-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-46-MEDIAN

Quant Time: Apr 08 01:17:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

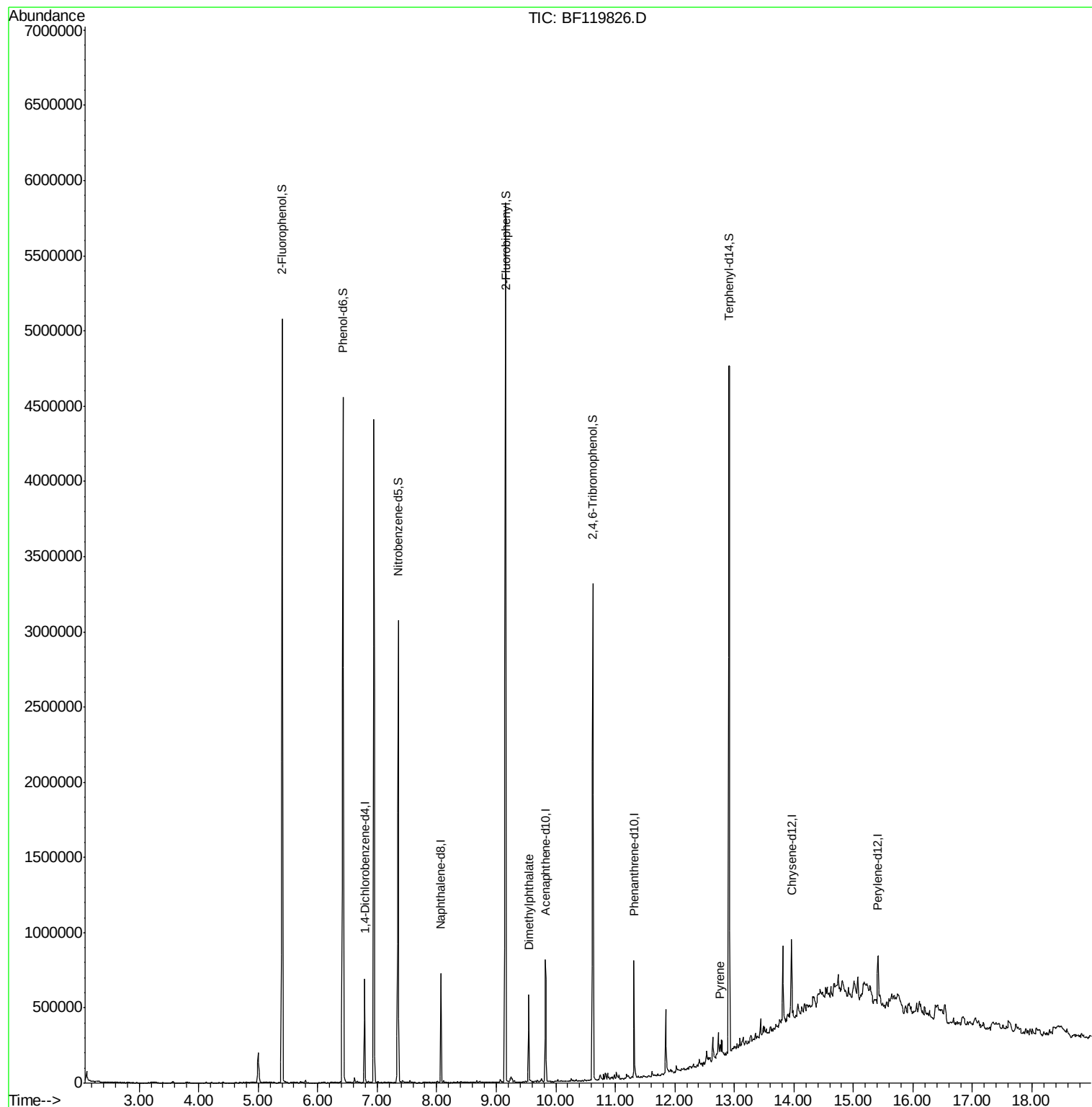
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	87480	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	319274	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	155074	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	264206	20.00	ng	0.00
76) Chrysene-d12	13.96	240	174528	20.00	ng	0.00
87) Perylene-d12	15.42	264	131373	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1445050	262.96	ng	0.02
7) Phenol-d6	6.43	99	1869688	266.34	ng	0.01
23) Nitrobenzene-d5	7.36	82	1057303	179.98	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	393187	245.77	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1890039	180.56	ng	0.00
79) Terphenyl-d14	12.92	244	1844706	207.08	ng	0.01
Target Compounds						
50) Dimethylphthalate	9.55	163	194810	17.686	ng	99
78) Pyrene	12.76	202	33113	2.312	ng	95

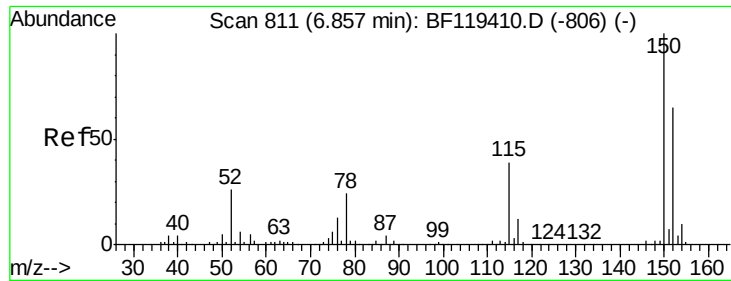
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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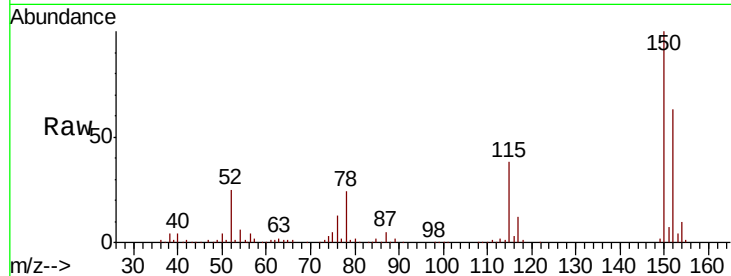


#1

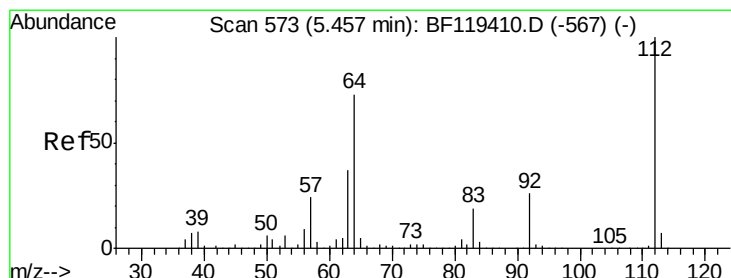
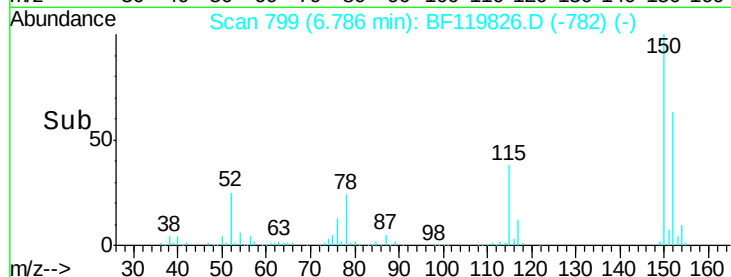
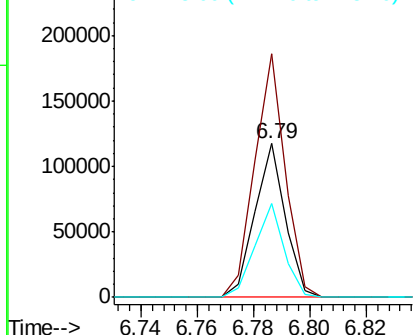
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF119826.D
Acq: 7 Apr 2020 17:03

Instrument :
BNA_F
ClientSampleId :
RT-46-MEDIAN

Tot Ion:152 Resp: 87480
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 60.7 49.6 74.4



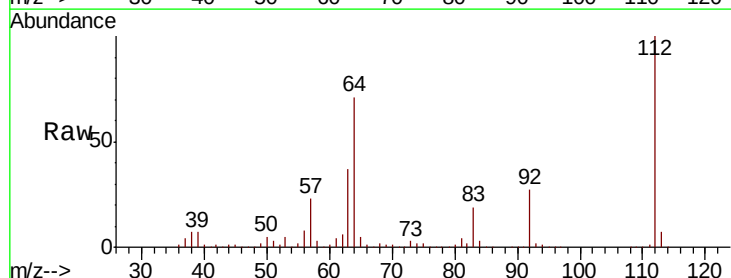
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



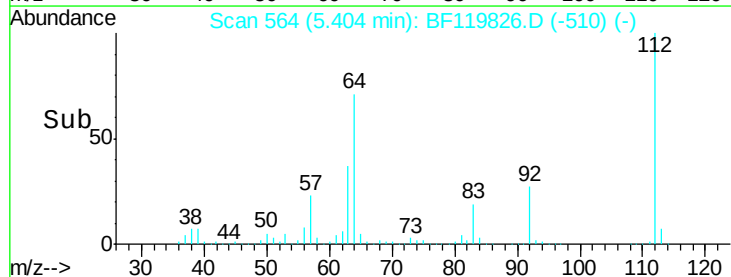
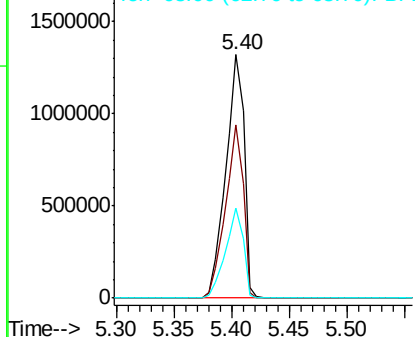
#5

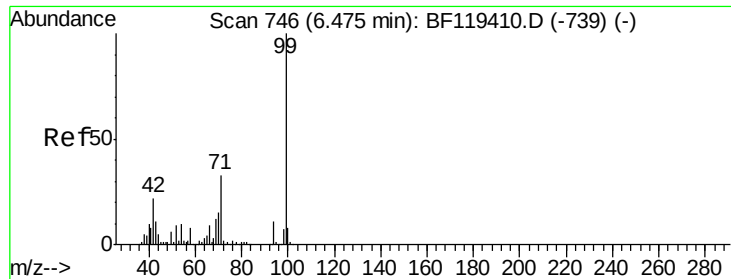
2-Fluorophenol
Concen: 262.961 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF119826.D
Acq: 7 Apr 2020 17:03

Tgt Ion:112 Resp: 1445050
Ion Ratio Lower Upper
112 100
64 71.1 56.7 85.1
63 37.2 29.5 44.3



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: 266.342 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF119826.D

Acq: 7 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

RT-46-MEDIAN

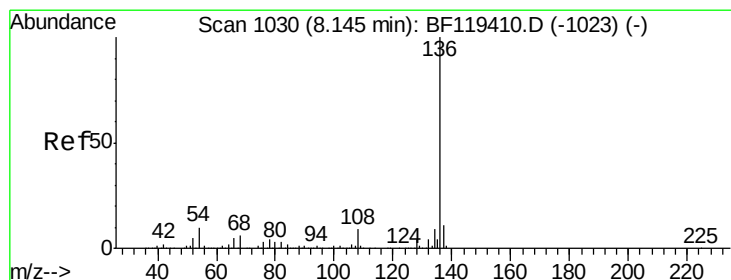
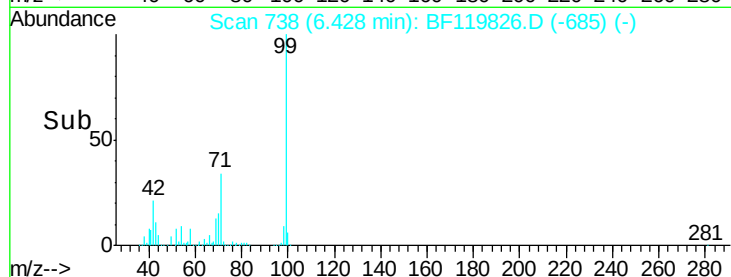
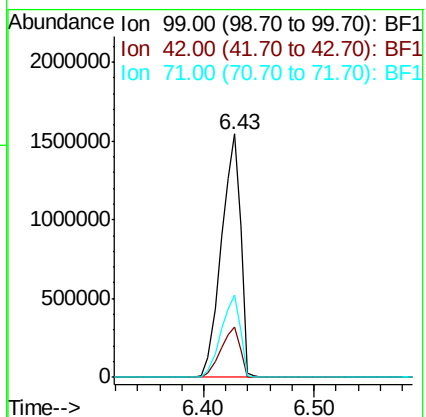
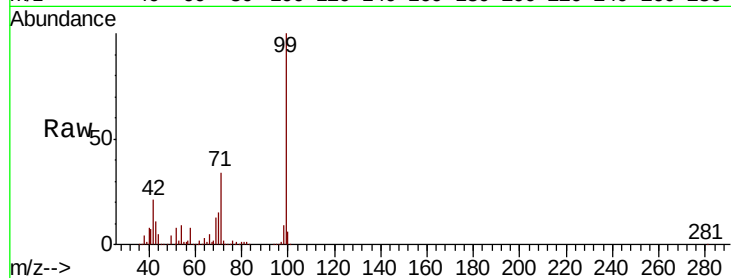
Tot Ion: 99 Resp: 1869688

Ion Ratio Lower Upper

99 100

42 20.7 16.6 24.8

71 34.0 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119826.D

Acq: 7 Apr 2020 17:03

Tgt Ion: 136 Resp: 319274

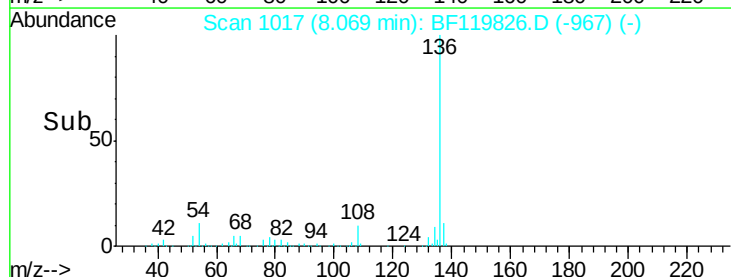
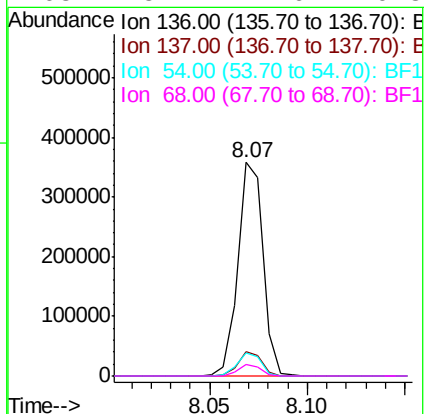
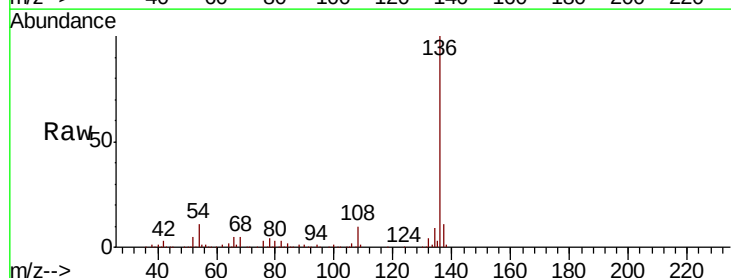
Ion Ratio Lower Upper

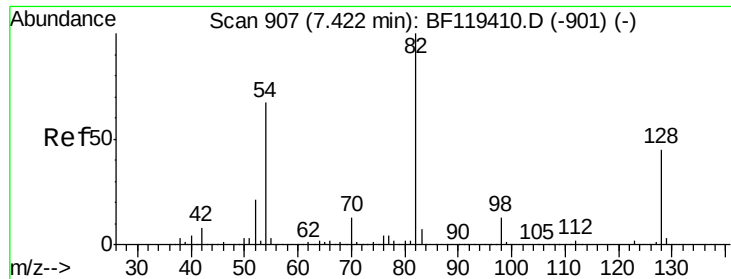
136 100

137 11.3 8.7 13.1

54 11.1 9.1 13.7

68 5.2 4.6 6.8

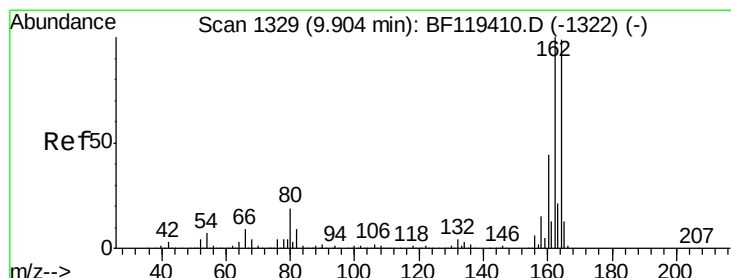
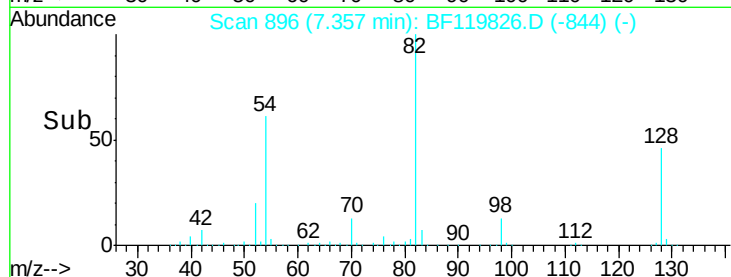
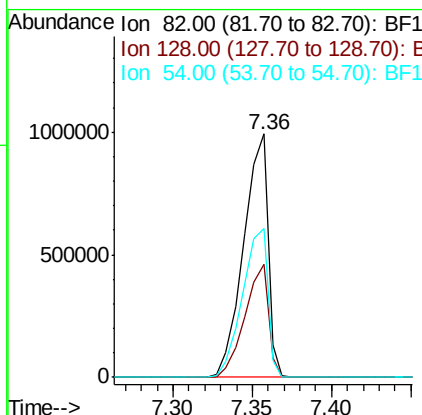
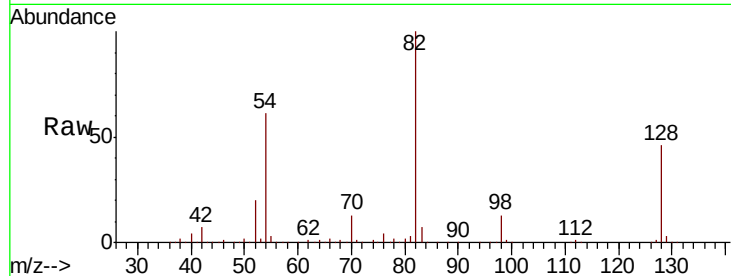




#23
 Nitrobenzene-d5
 Concen: 179.978 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BF119826.D
 Acq: 7 Apr 2020 17:03

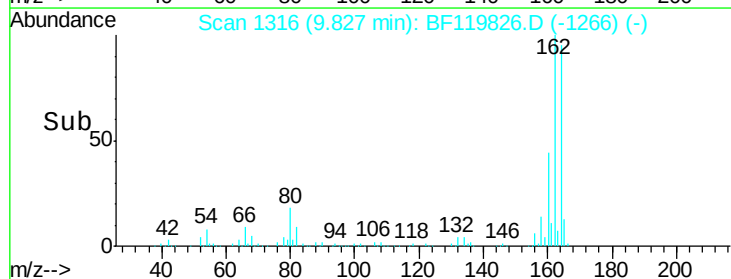
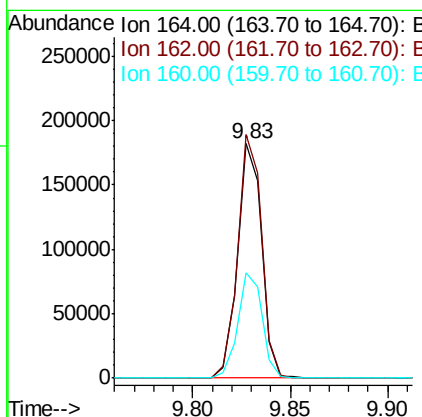
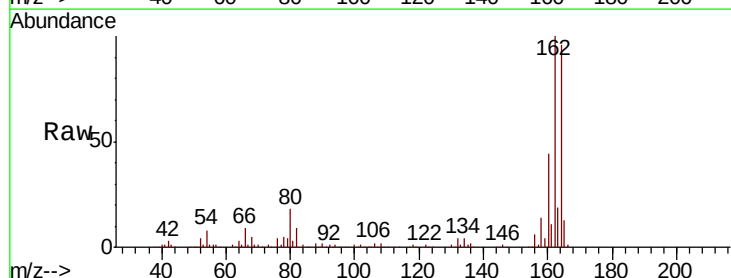
Instrument :
 BNA_F
 ClientSampleId :
 RT-46-MEDIAN

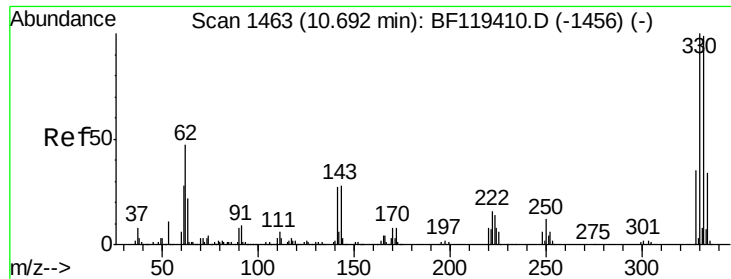
Tot Ion: 82 Resp: 1057303
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.3 54.5
 54 61.0 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF119826.D
 Acq: 7 Apr 2020 17:03

Tgt Ion:164 Resp: 155074
 Ion Ratio Lower Upper
 164 100
 162 104.0 80.6 121.0
 160 45.3 35.7 53.5

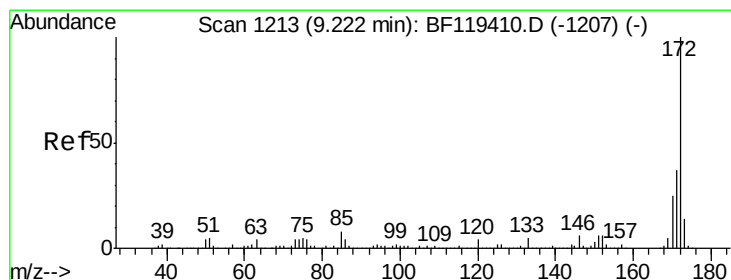
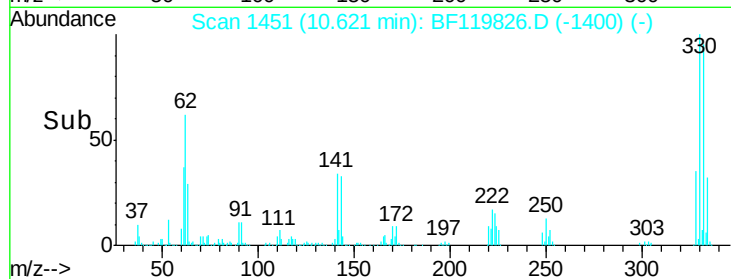
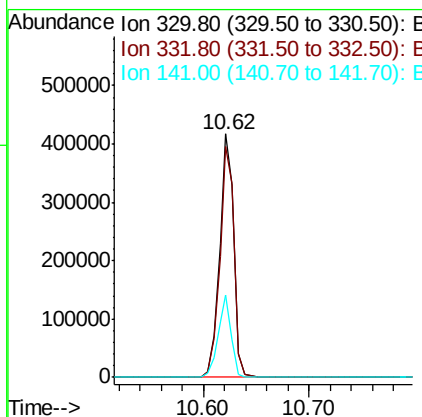
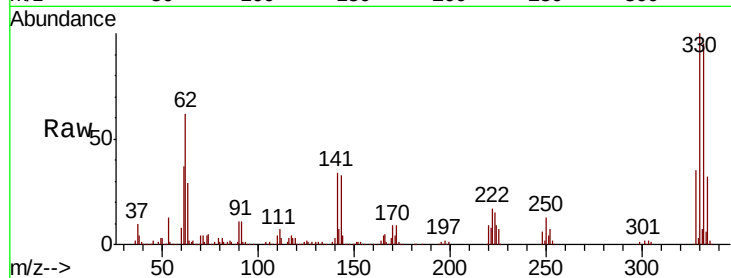




#42
 2,4,6-Tribromophenol
 Concen: 245.766 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF119826.D
 Acq: 7 Apr 2020 17:03

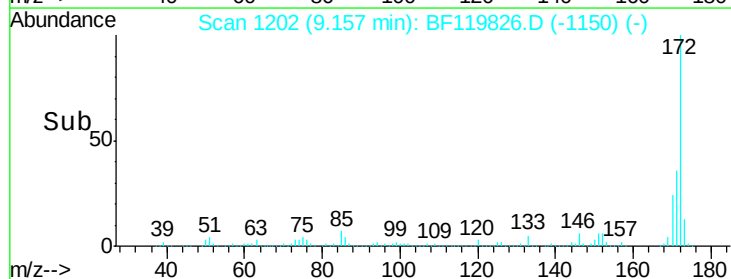
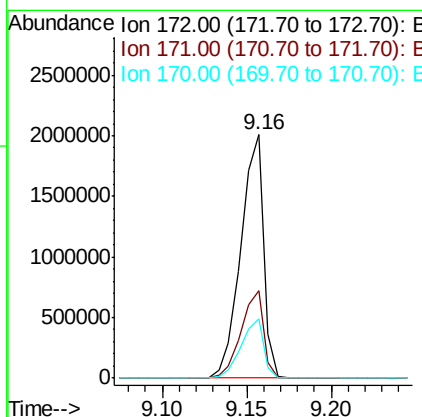
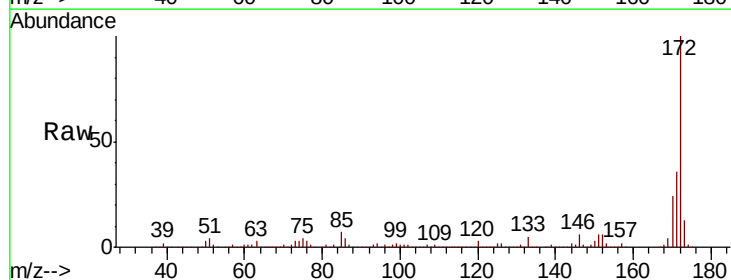
Instrument :
 BNA_F
 ClientSampleId :
 RT-46-MEDIAN

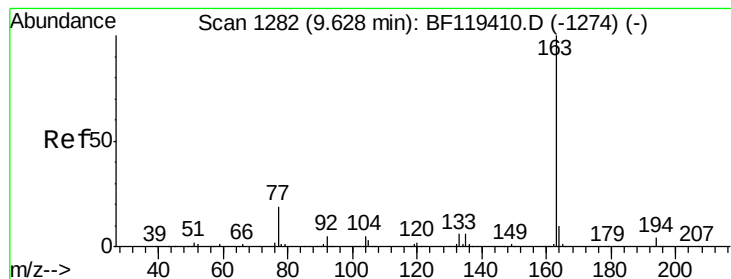
Tot Ion:330 Resp: 393187
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.7 113.5
 141 31.7 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 180.562 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF119826.D
 Acq: 7 Apr 2020 17:03

Tgt Ion:172 Resp: 1890039
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.4 20.2 30.2





#50

Dimethylphthalate

Concen: 17.686 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF119826.D

Acq: 7 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

RT-46-MEDIAN

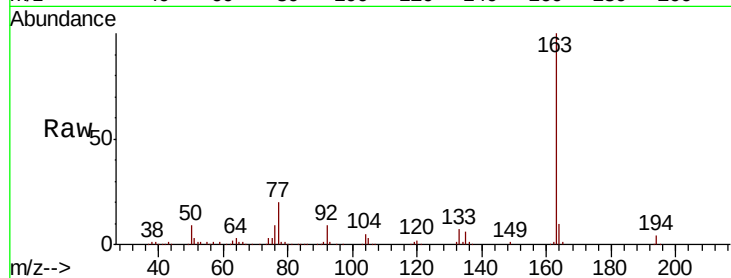
Tot Ion:163 Resp: 194810

Ion Ratio Lower Upper

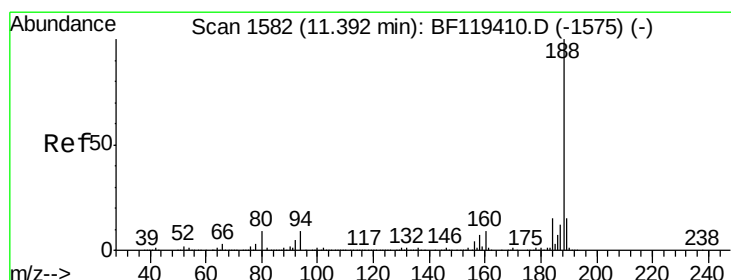
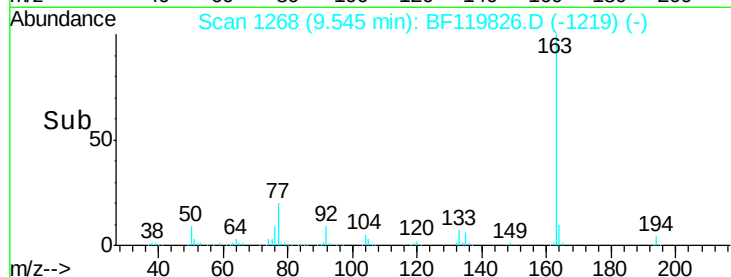
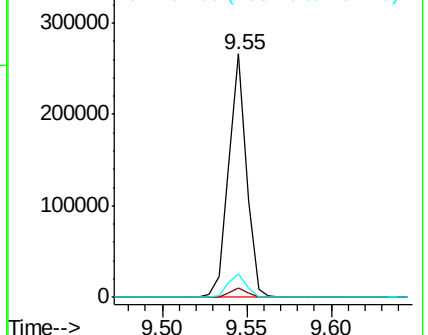
163 100

194 3.9 3.1 4.7

164 9.9 8.2 12.2



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: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF119826.D

Acq: 7 Apr 2020 17:03

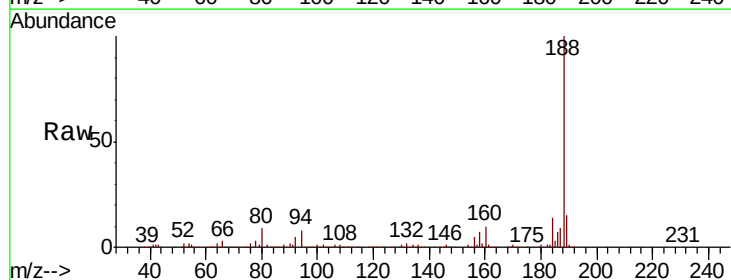
Tgt Ion:188 Resp: 264206

Ion Ratio Lower Upper

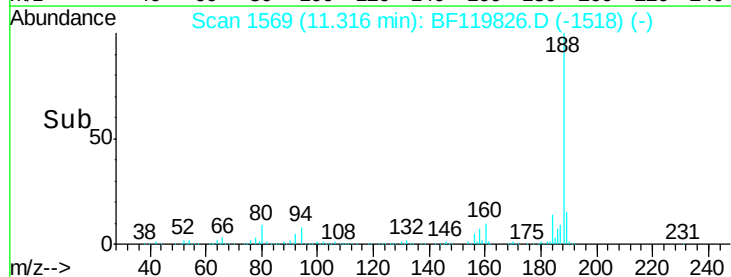
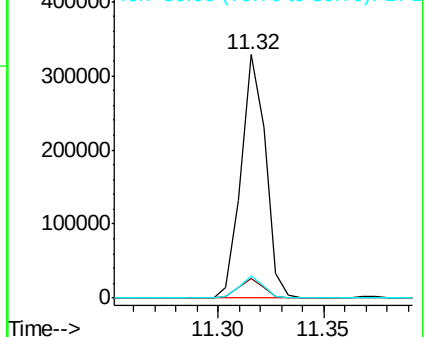
188 100

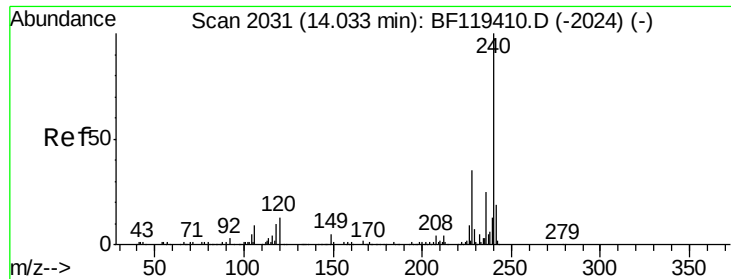
94 8.0 7.5 11.3

80 9.3 9.0 13.4



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

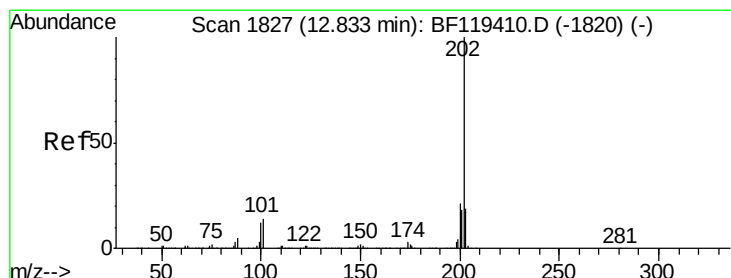
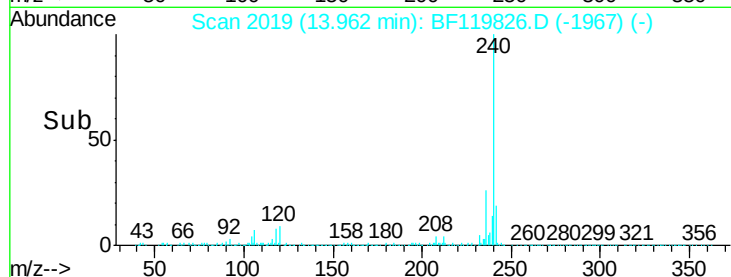
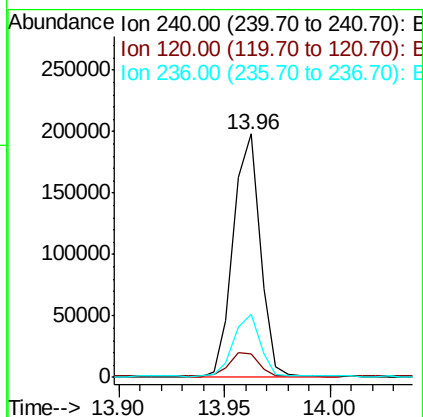
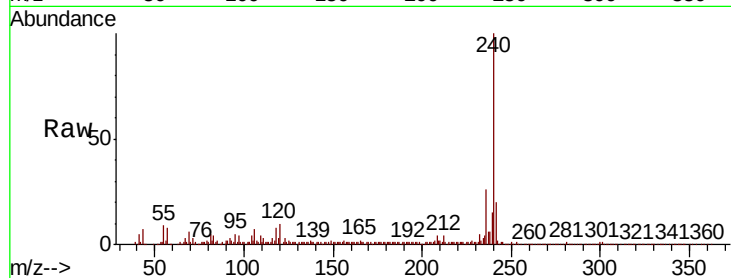




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BF119826.D
Acq: 7 Apr 2020 17:03

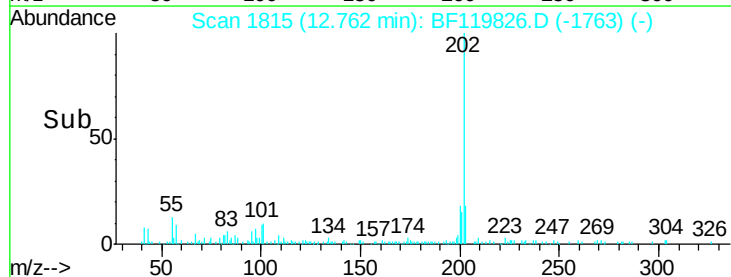
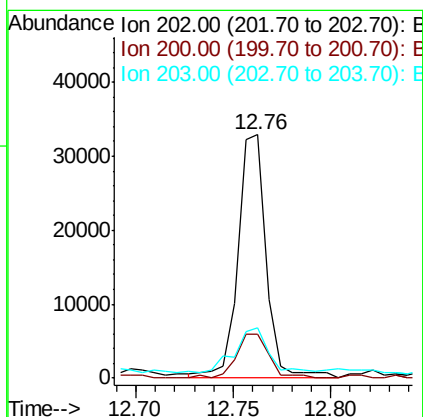
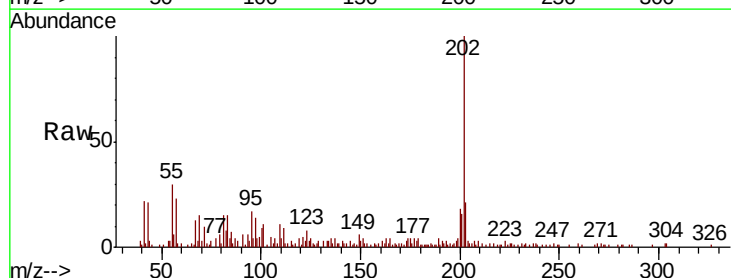
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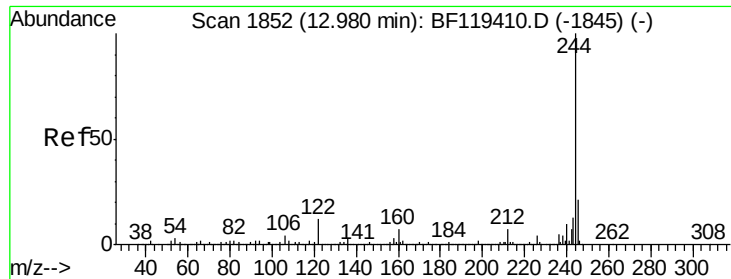
Tot Ion:240 Resp: 174528
Ion Ratio Lower Upper
240 100
120 9.8 10.6 15.8#
236 25.8 20.2 30.2



#78
Pyrene
Concen: 2.312 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF119826.D
Acq: 7 Apr 2020 17:03

Tgt Ion:202 Resp: 33113
Ion Ratio Lower Upper
202 100
200 17.8 16.8 25.2
203 20.7 15.1 22.7





#79

Terphenyl-d14

Concen: 207.083 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF119826.D

Acq: 7 Apr 2020 17:03

Instrument :

BNA_F

ClientSampleId :

RT-46-MEDIAN

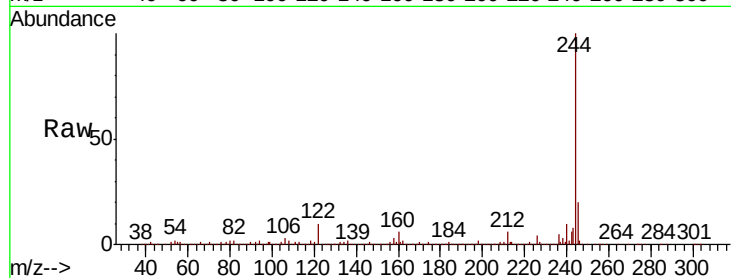
Tot Ion:244 Resp: 1844706

Ion Ratio Lower Upper

244 100

212 6.3 5.8 8.8

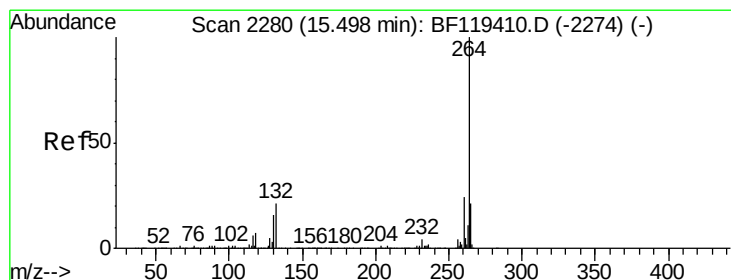
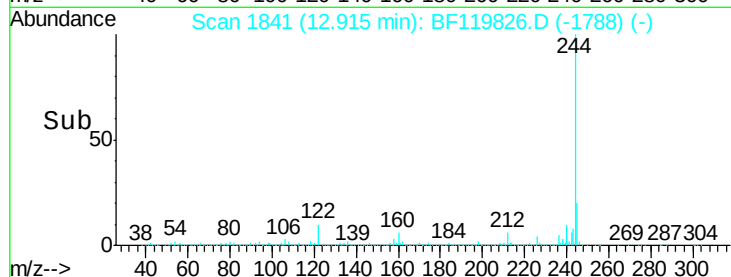
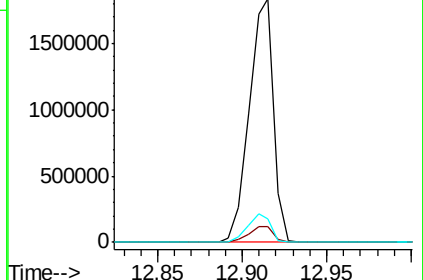
122 9.8 10.3 15.5#



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: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.02 min

Lab File: BF119826.D

Acq: 7 Apr 2020 17:03

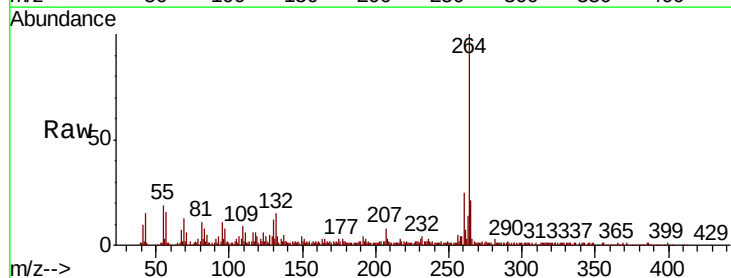
Tgt Ion:264 Resp: 131373

Ion Ratio Lower Upper

264 100

260 25.0 18.7 28.1

265 21.3 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

