

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119141.D
 Acq On : 28 Feb 2020 20:24
 Operator : CG/JU
 Sample : L1700-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Quant Time: Mar 02 03:17:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

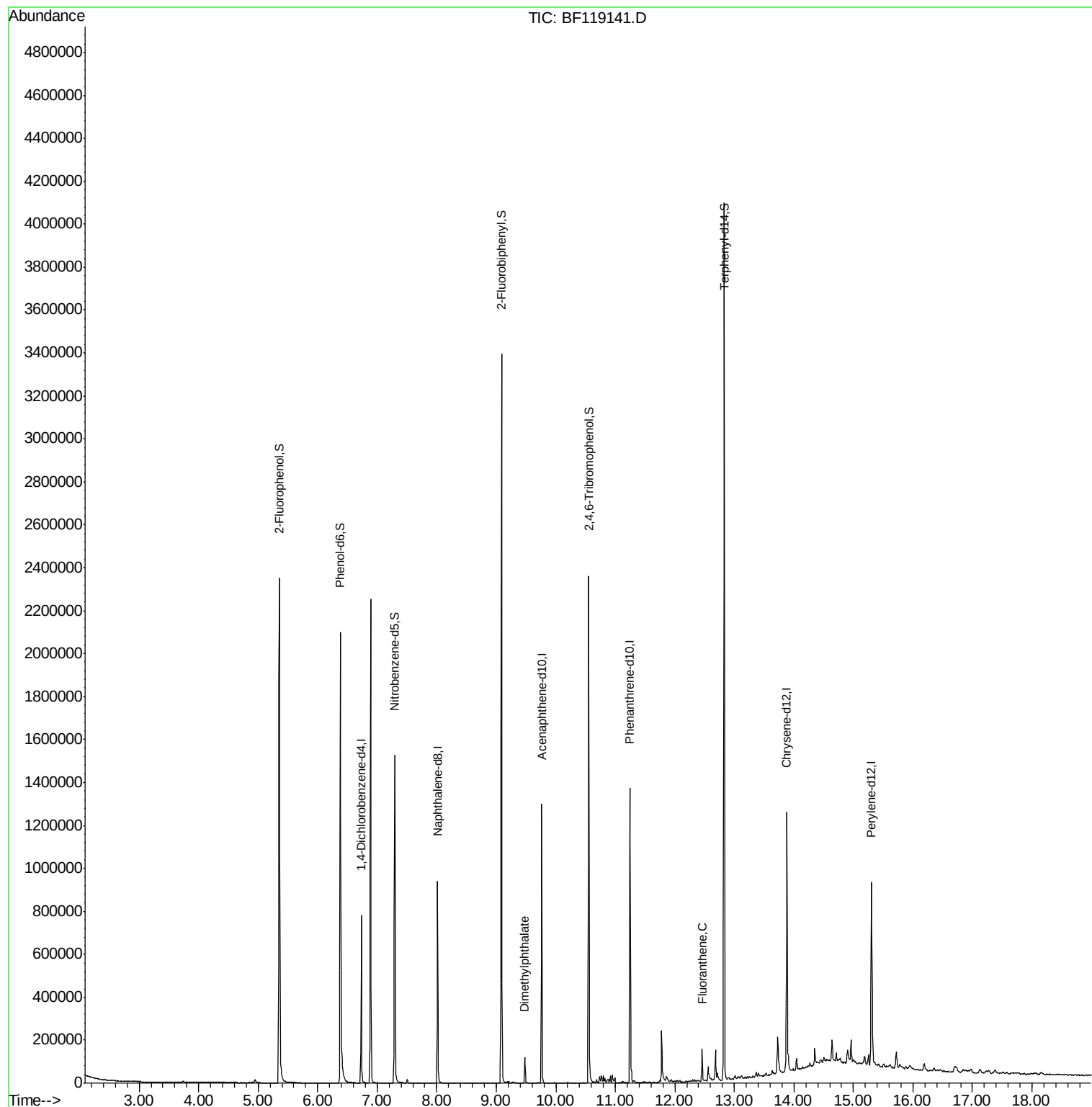
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	124095	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	473170	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	264864	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	515512	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	398681	20.00	ng	-0.02
87) Perylene-d12	15.30	264	374396	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	722303	97.27	ng	-0.01
7) Phenol-d6	6.38	99	906017	100.32	ng	-0.02
23) Nitrobenzene-d5	7.29	82	570361	63.65	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	326696	94.29	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1096262	60.97	ng	-0.02
79) Terphenyl-d14	12.83	244	1521882	65.72	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.48	163	54044	2.668	ng	98
75) Fluoranthene	12.46	202	62594	2.098	ng	99

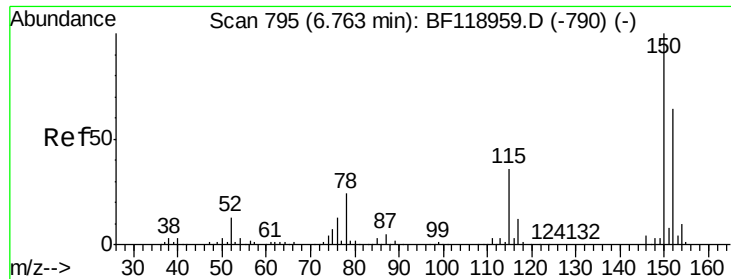
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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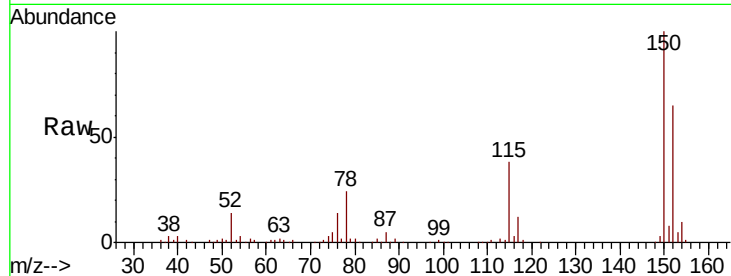


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119141.D
Acq: 28 Feb 2020 20:24

Instrument :
BNA_F
ClientSampleId :
72-11978

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.0	184.6
115	59.4	49.5	74.3

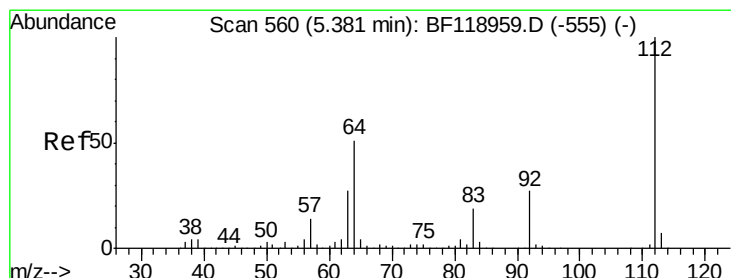
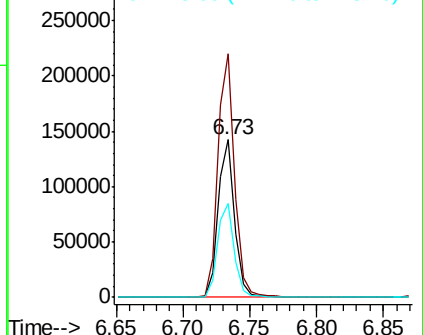
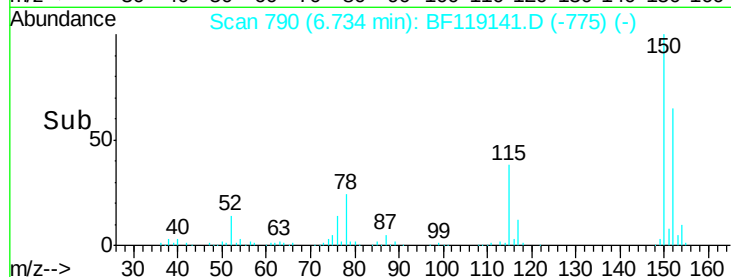


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

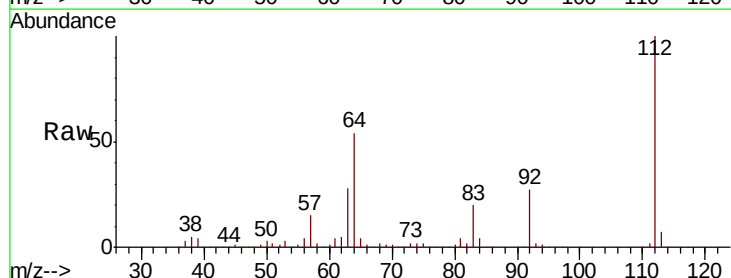
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 97.272 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119141.D
Acq: 28 Feb 2020 20:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	45.0	67.4
63	28.4	24.2	36.4

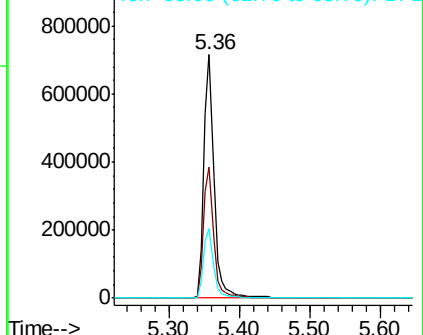
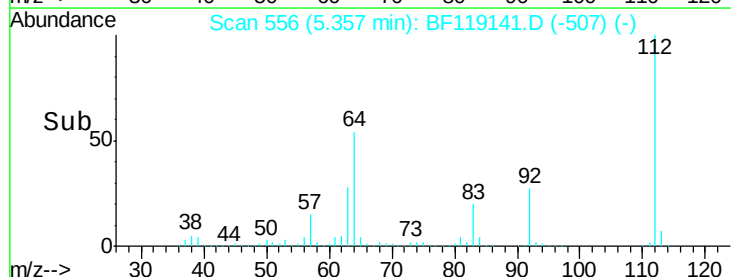


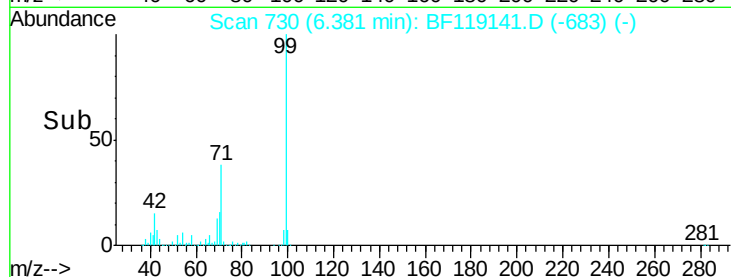
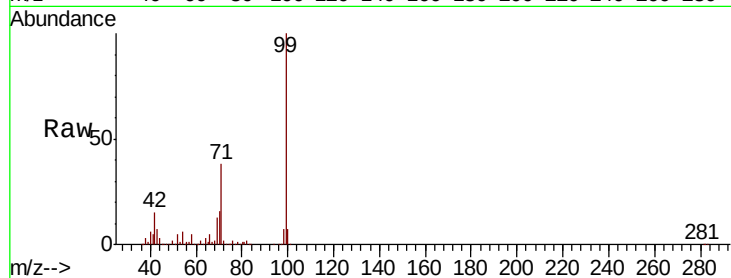
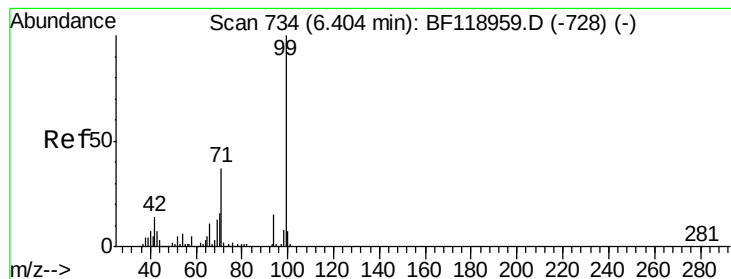
Abundance

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: 100.324 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

Instrument :

BNA_F

ClientSampled :

72-11978

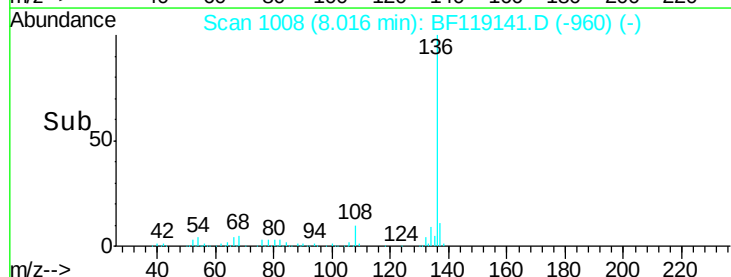
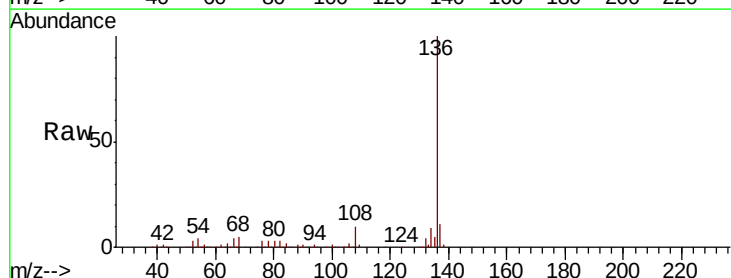
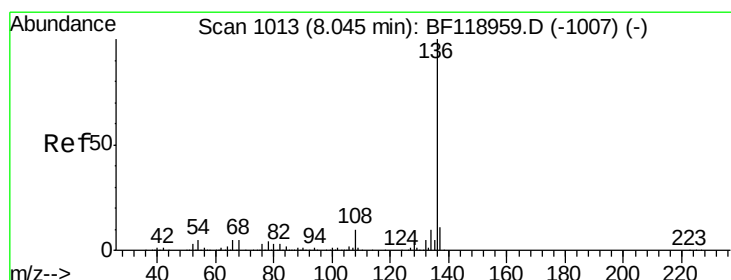
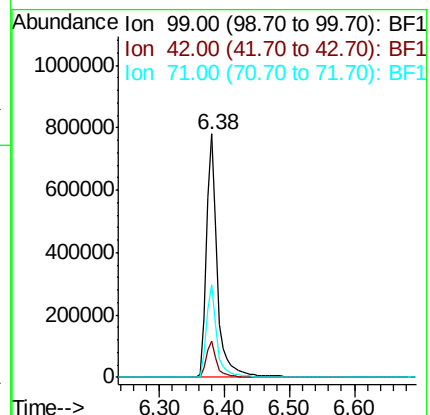
Tot Ion: 99 Resp: 906017

Ion Ratio Lower Upper

99 100

42 14.8 12.6 18.8

71 38.1 31.0 46.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

Tgt Ion: 136 Resp: 473170

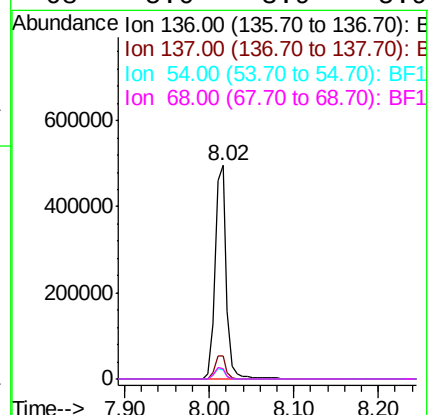
Ion Ratio Lower Upper

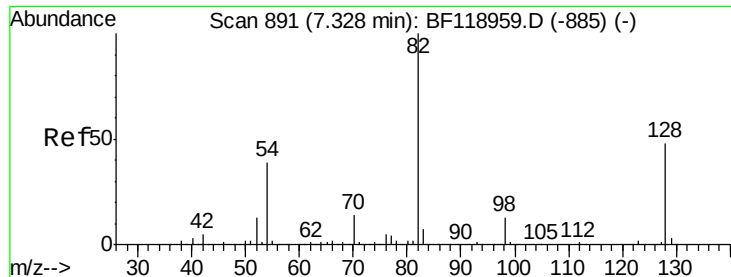
136 100

137 10.9 8.8 13.2

54 4.4 3.8 5.6

68 5.0 3.9 5.9

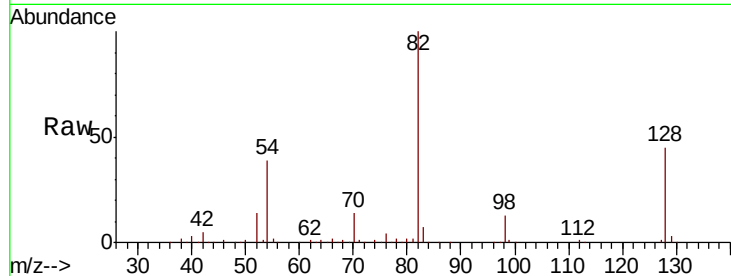




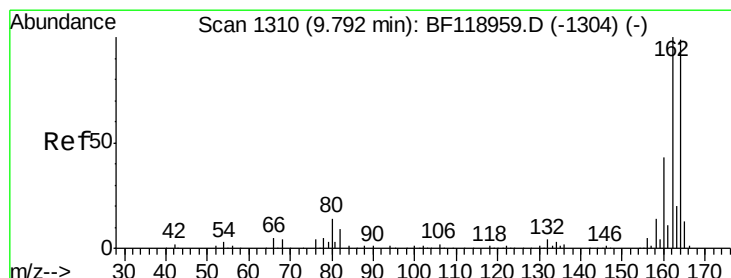
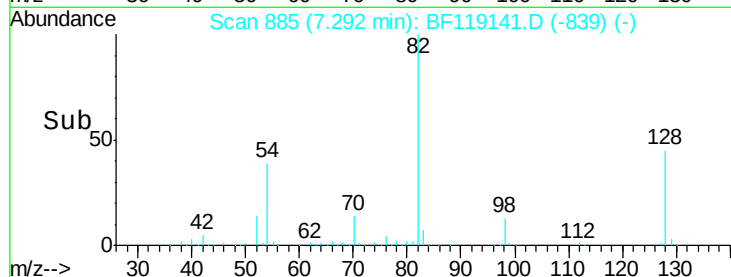
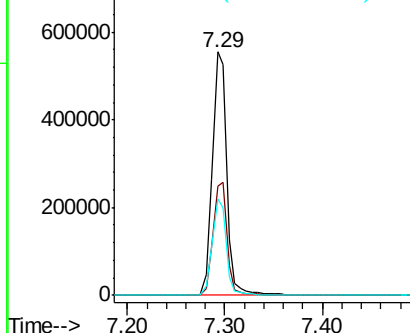
#23
 Nitrobenzene-d5
 Concen: 63.645 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119141.D
 Acq: 28 Feb 2020 20:24

Instrument :
 BNA_F
 ClientSampleId :
 72-11978

Tot Ion: 82 Resp: 570361
 Ion Ratio Lower Upper
 82 100
 128 44.7 37.9 56.9
 54 39.5 33.4 50.2

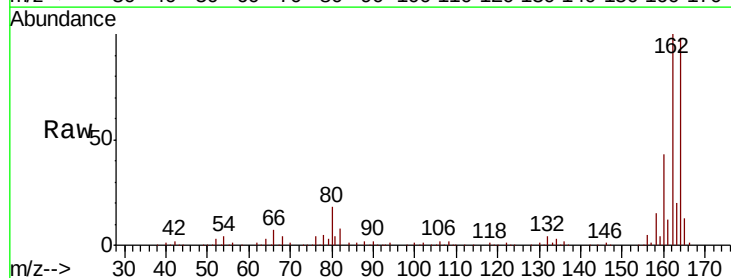


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

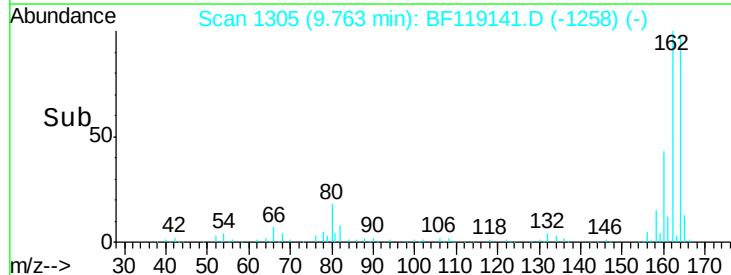
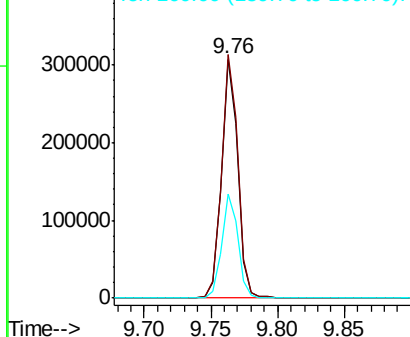


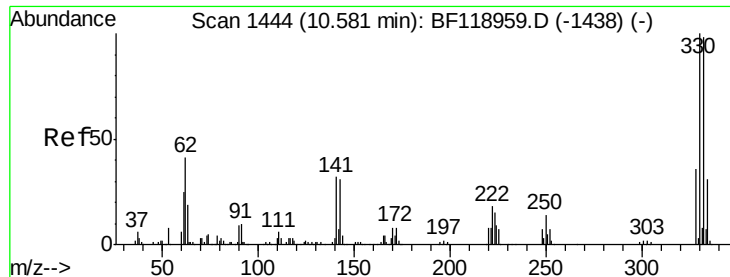
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119141.D
 Acq: 28 Feb 2020 20:24

Tgt Ion: 164 Resp: 264864
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.8 122.8
 160 43.8 36.0 54.0



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

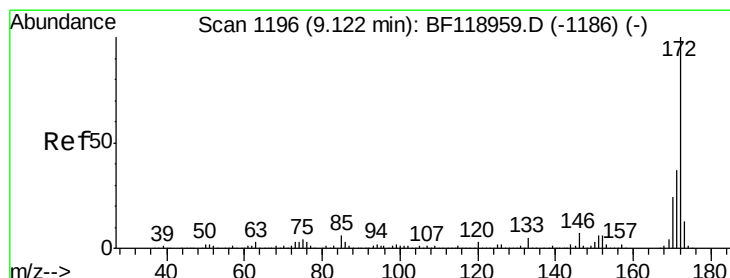
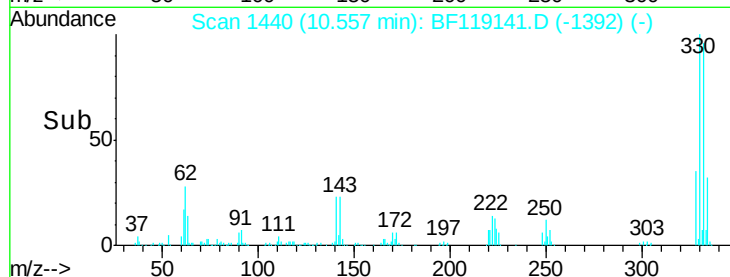
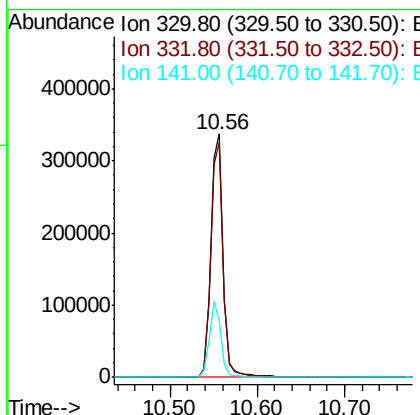
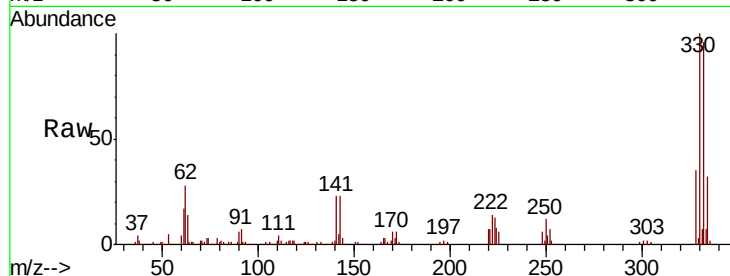




#42
 2,4,6-Tribromophenol
 Concen: 94.288 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119141.D
 Acq: 28 Feb 2020 20:24

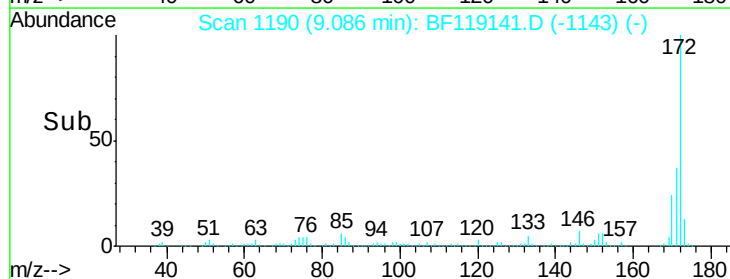
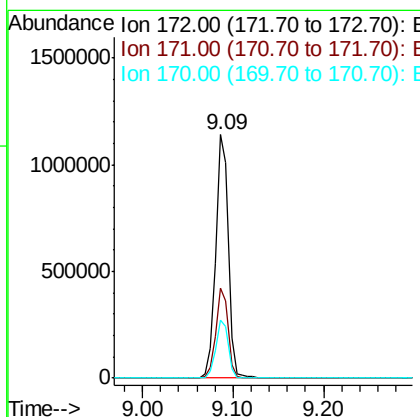
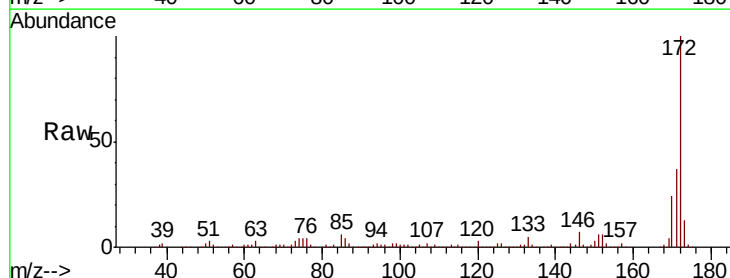
Instrument :
 BNA_F
 ClientSampled :
 72-11978

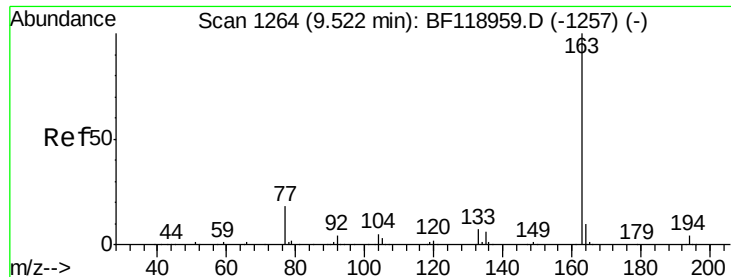
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.0	114.0
141	29.5	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 60.974 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119141.D
 Acq: 28 Feb 2020 20:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
170	23.7	20.2	30.2





#50

Dimethylphthalate

Concen: 2.668 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

Instrument :

BNA_F

ClientSampleId :

72-11978

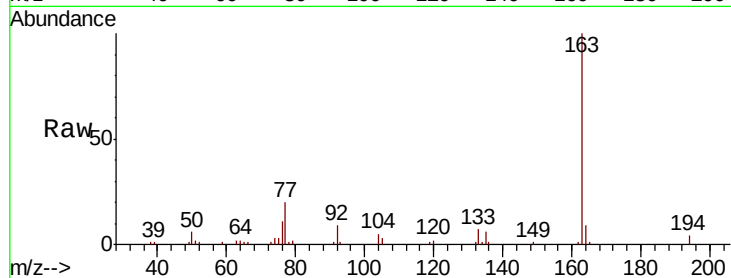
Tot Ion:163 Resp: 54044

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

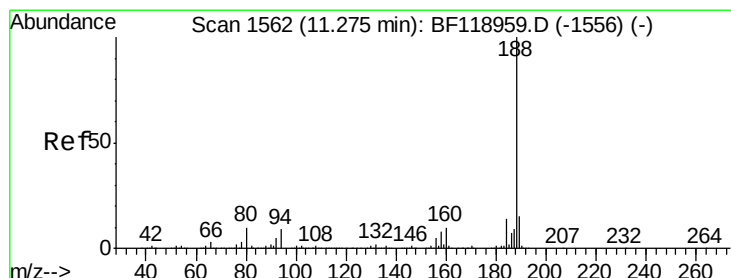
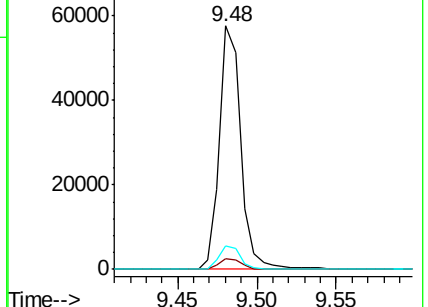
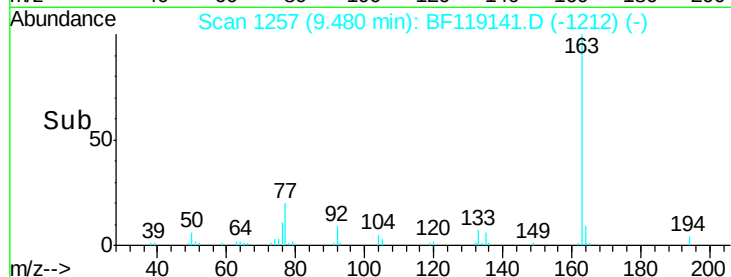
164 9.5 8.4 12.6



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: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

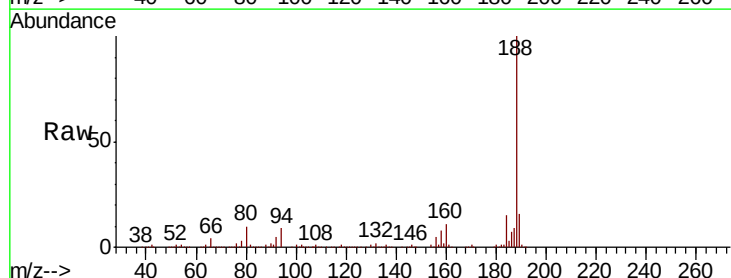
Tgt Ion:188 Resp: 515512

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

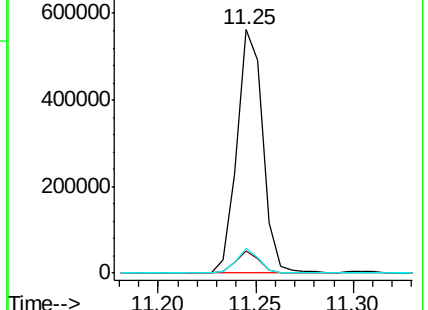
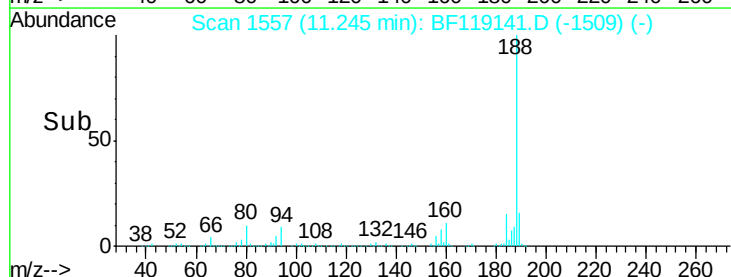
80 10.4 7.8 11.8

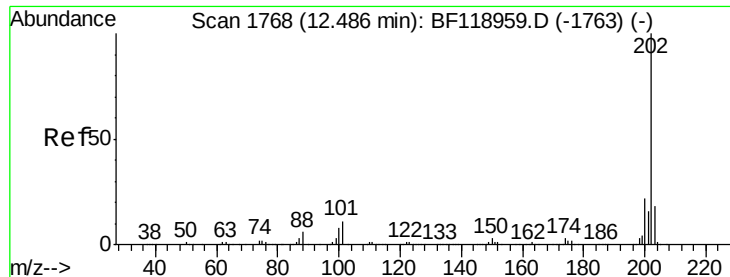


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.098 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

Instrument :

BNA_F

ClientSampleId :

72-11978

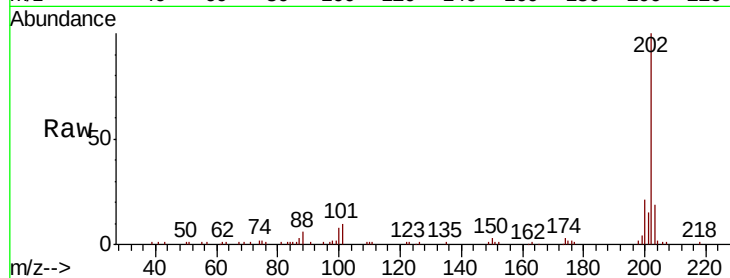
Tot Ion:202 Resp: 62594

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.3

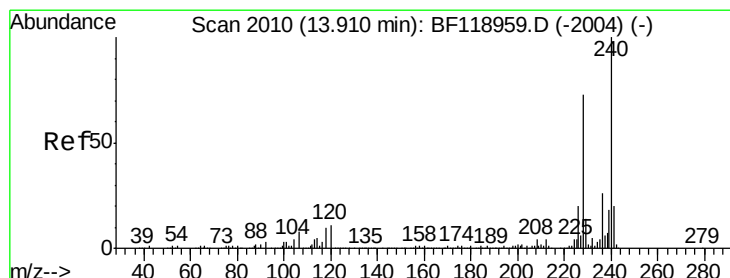
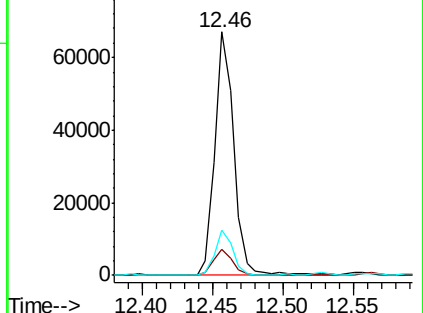
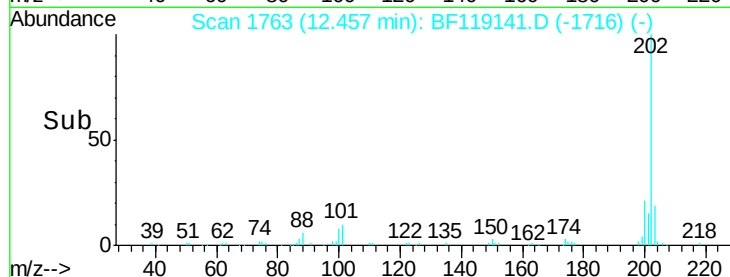
203 18.8 0.0 38.4



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: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

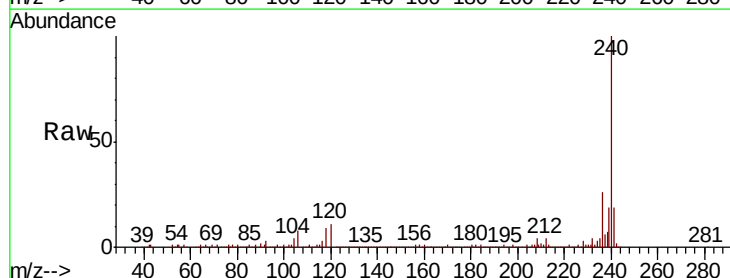
Tgt Ion:240 Resp: 398681

Ion Ratio Lower Upper

240 100

120 10.7 8.4 12.6

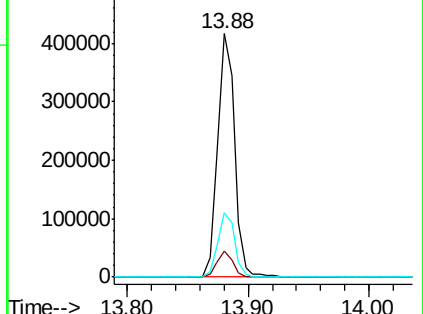
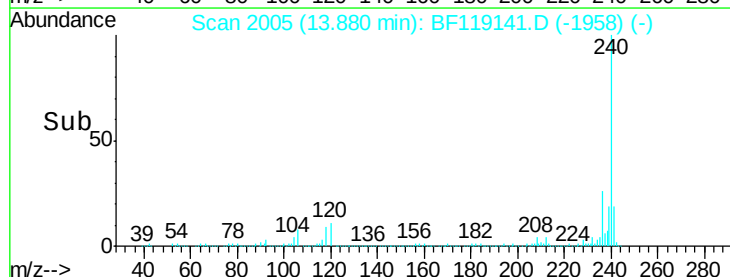
236 26.5 21.0 31.4

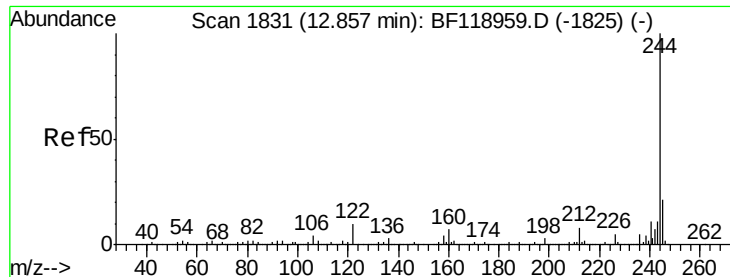


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.721 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

Instrument :

BNA_F

ClientSampleId :

72-11978

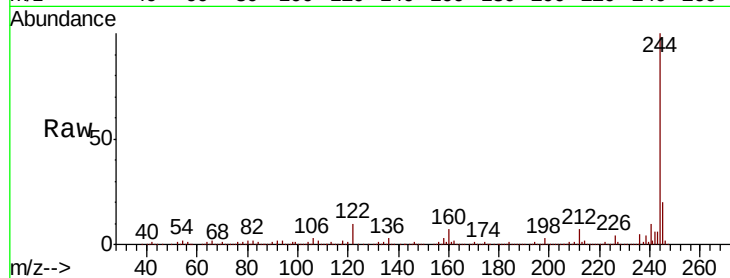
Tot Ion:244 Resp: 1521882

Ion Ratio Lower Upper

244 100

212 7.3 6.6 10.0

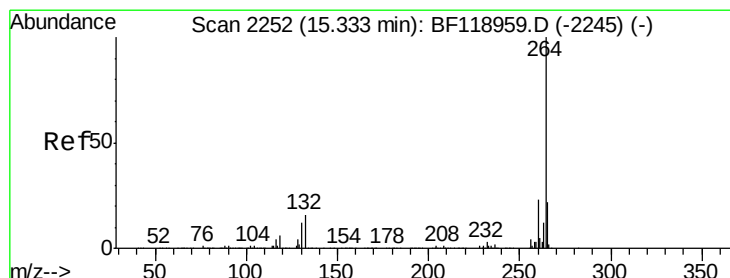
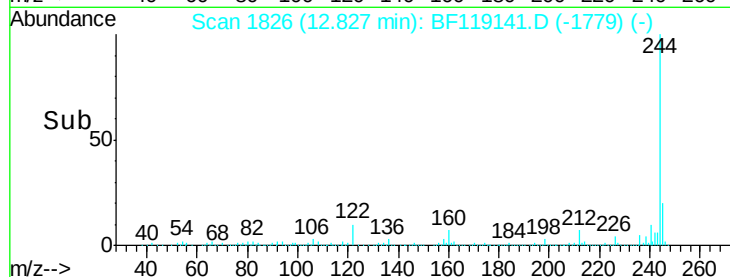
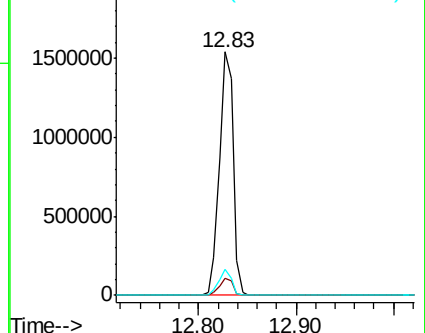
122 10.5 8.2 12.2



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: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF119141.D

Acq: 28 Feb 2020 20:24

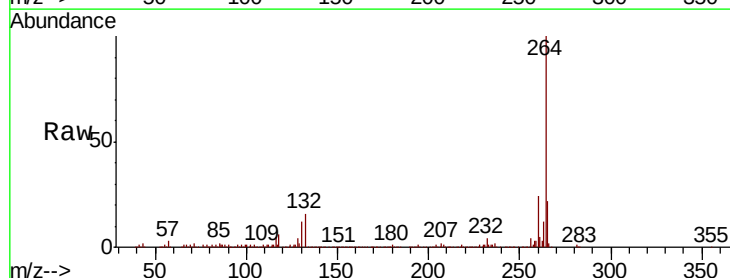
Tgt Ion:264 Resp: 374396

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 22.4 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

