

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119236.D
 Acq On : 6 Mar 2020 2:54
 Operator : CG/JU
 Sample : L1775-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-2

Quant Time: Mar 06 08:10:46 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

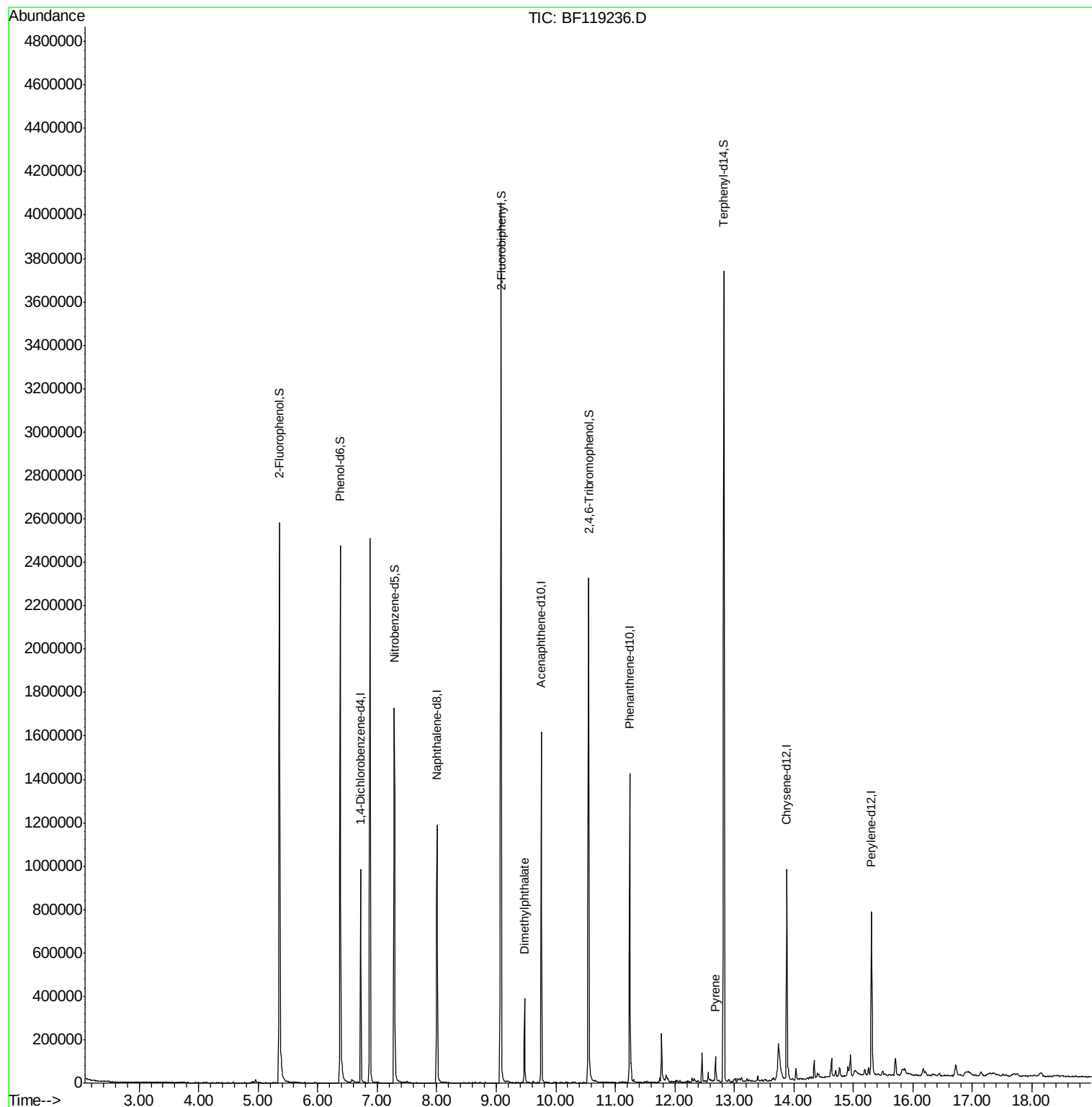
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	149747	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	585067	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	319889	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	568822	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	313607	20.00	ng	-0.02
87) Perylene-d12	15.30	264	316746	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	801313	89.43	ng	-0.01
7) Phenol-d6	6.38	99	985380	90.42	ng	-0.02
23) Nitrobenzene-d5	7.29	82	652197	58.86	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	337170	80.57	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1301461	59.94	ng	-0.03
79) Terphenyl-d14	12.82	244	1396526	76.67	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.47	163	163628	6.689	ng	100
78) Pyrene	12.69	202	55380	2.199	ng	96

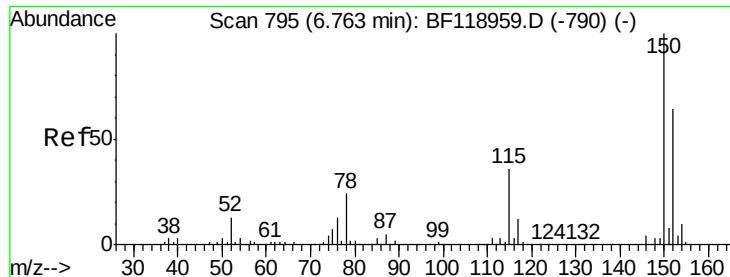
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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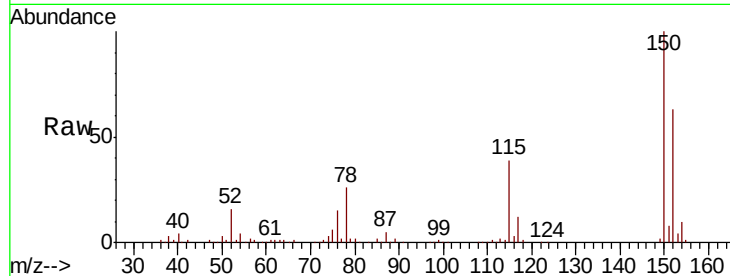


#1

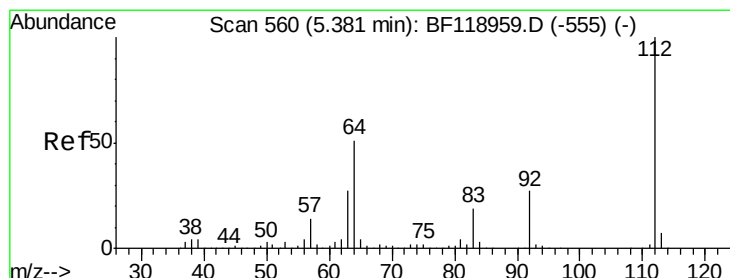
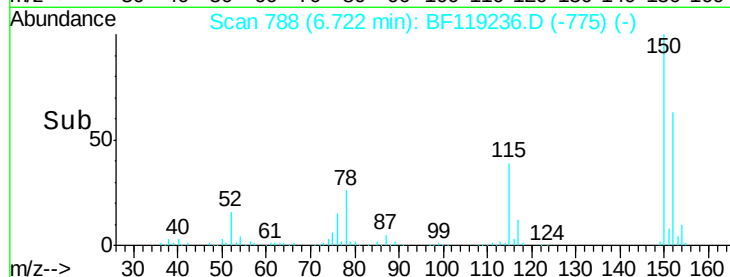
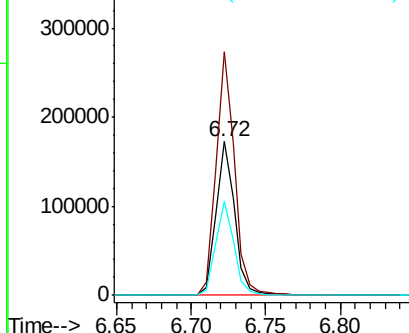
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BF119236.D
 Acq: 6 Mar 2020 2:54

Instrument :
 BNA_F
 ClientSampleId :
 CR-2

Tot Ion:152 Resp: 149747
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.0 184.6
 115 61.1 49.5 74.3



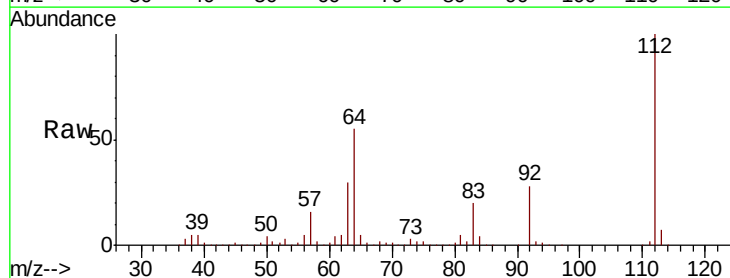
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



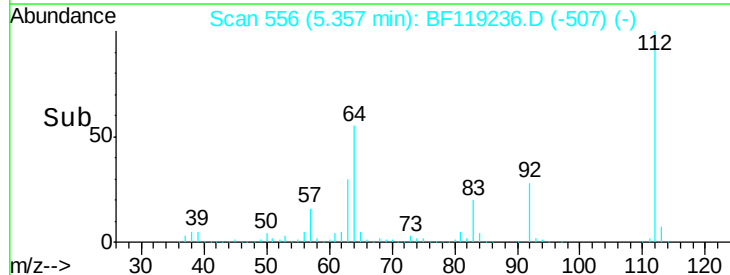
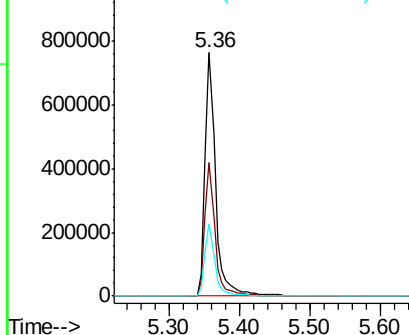
#5

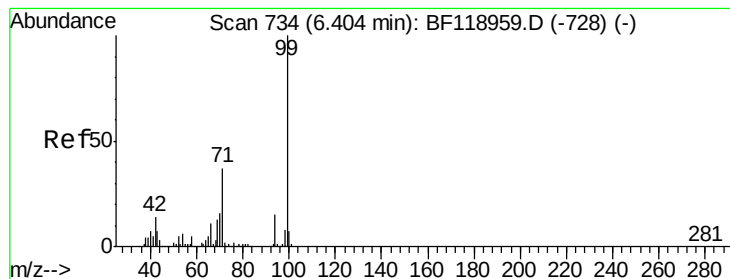
2-Fluorophenol
 Concen: 89.427 ng
 RT: 5.36 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: BF119236.D
 Acq: 6 Mar 2020 2:54

Tgt Ion:112 Resp: 801313
 Ion Ratio Lower Upper
 112 100
 64 54.7 45.0 67.4
 63 29.7 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: 90.421 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119236.D

Acq: 6 Mar 2020 2:54

Instrument :

BNA_F

ClientSampleId :

CR-2

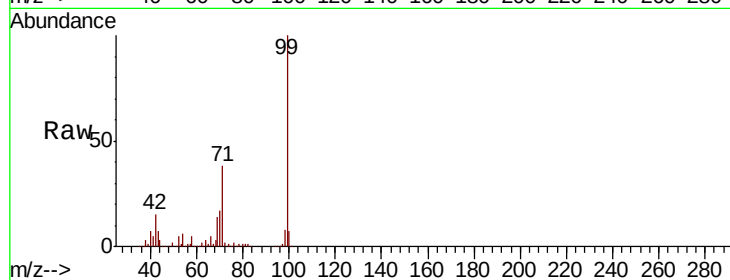
Tot Ion: 99 Resp: 985380

Ion Ratio Lower Upper

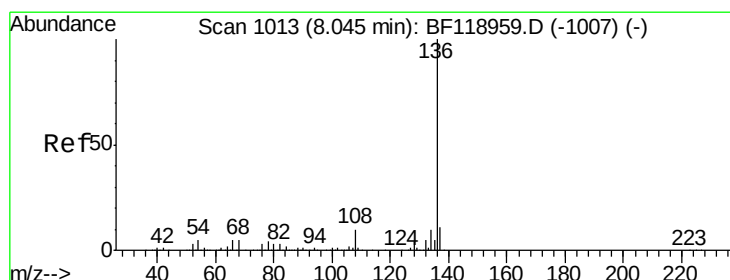
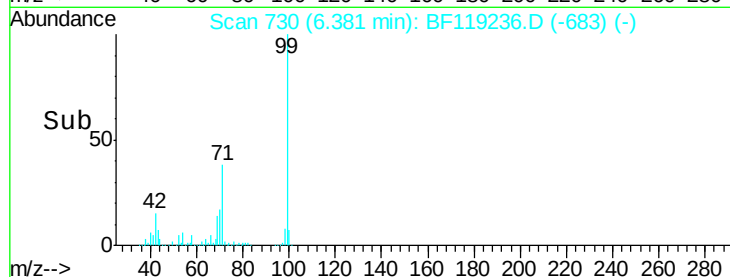
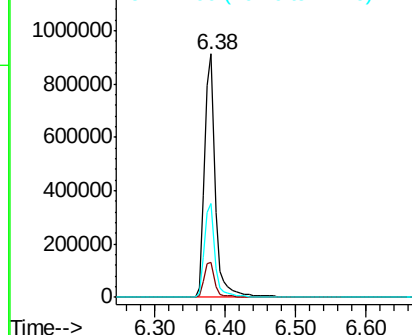
99 100

42 14.5 12.6 18.8

71 38.3 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF119236.D

Acq: 6 Mar 2020 2:54

Tgt Ion: 136 Resp: 585067

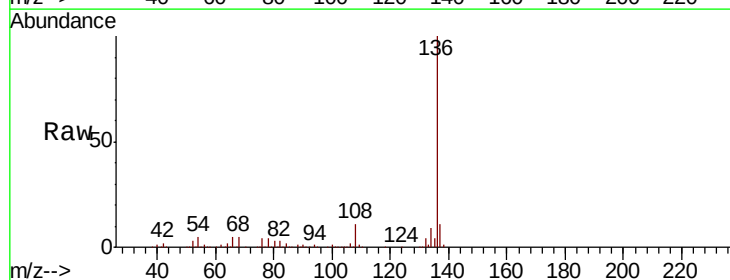
Ion Ratio Lower Upper

136 100

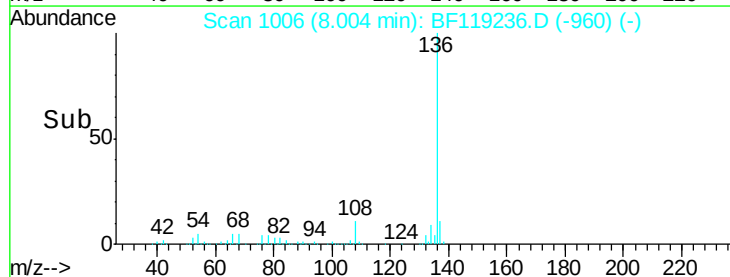
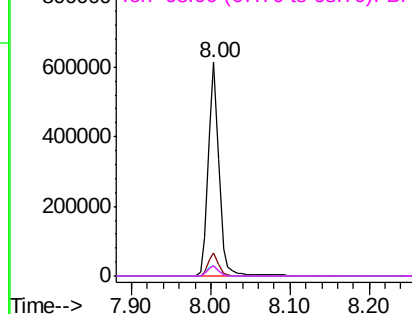
137 10.8 8.8 13.2

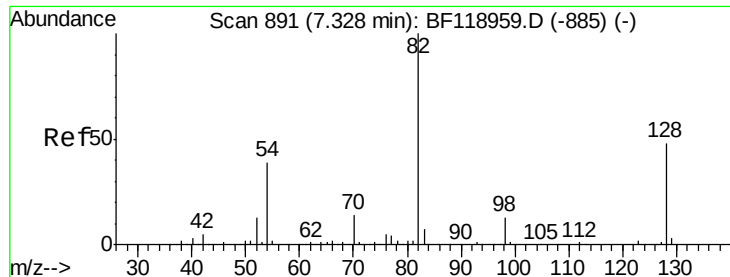
54 4.8 3.8 5.6

68 5.1 3.9 5.9



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

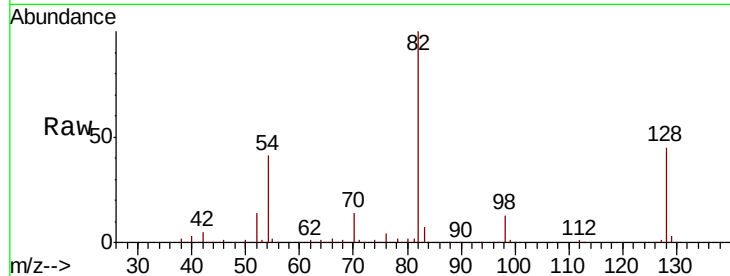




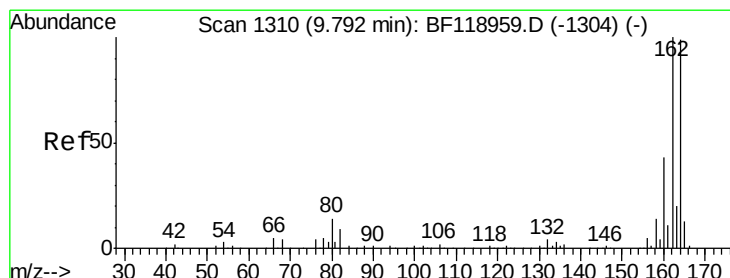
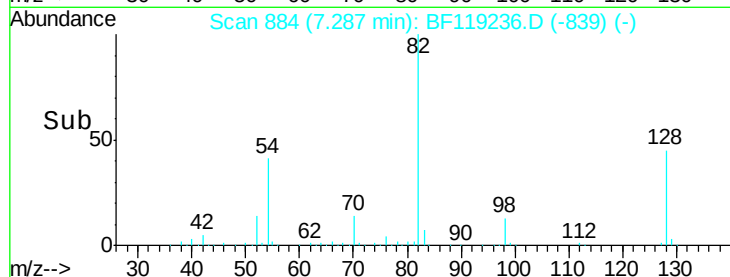
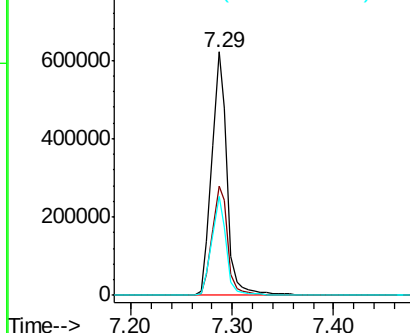
#23
Nitrobenzene-d5
Concen: 58.858 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF119236.D
Acq: 6 Mar 2020 2:54

Instrument :
BNA_F
ClientSampleId :
CR-2

Tot Ion: 82 Resp: 652197
Ion Ratio Lower Upper
82 100
128 44.9 37.9 56.9
54 40.6 33.4 50.2

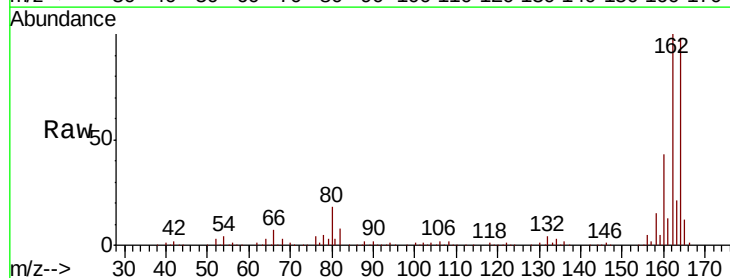


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

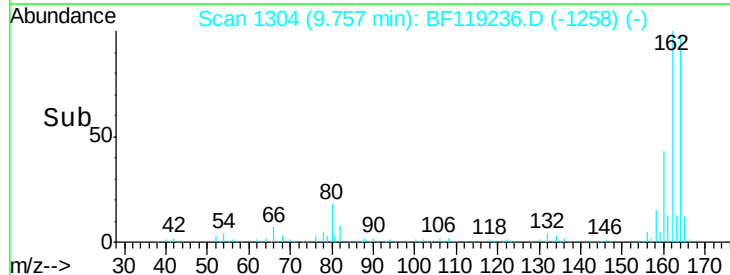
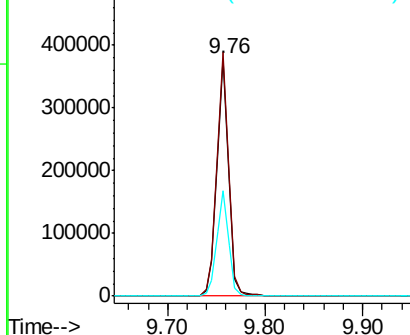


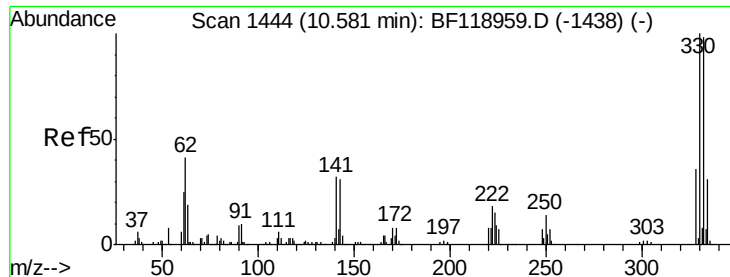
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF119236.D
Acq: 6 Mar 2020 2:54

Tgt Ion: 164 Resp: 319889
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.8
160 44.2 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

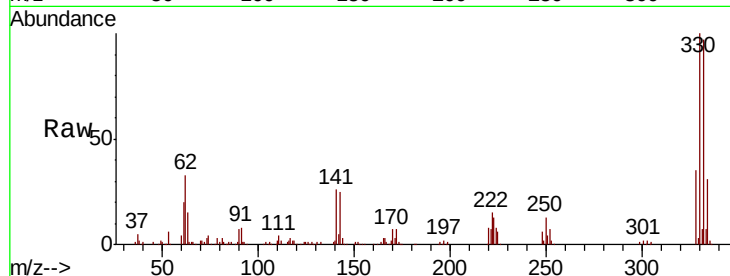




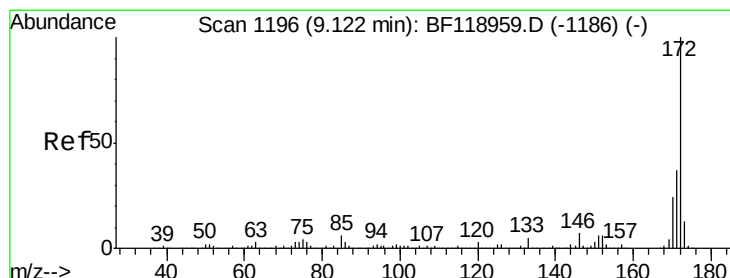
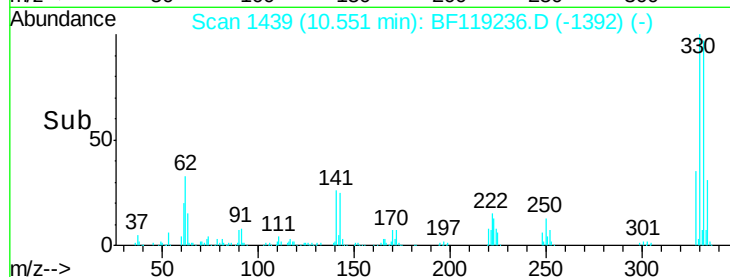
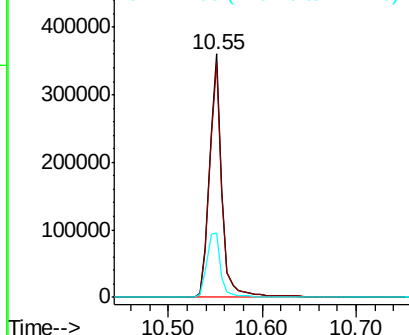
#42
 2,4,6-Tribromophenol
 Concen: 80.572 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119236.D
 Acq: 6 Mar 2020 2:54

Instrument :
 BNA_F
 ClientSampled :
 CR-2

Tot Ion:330 Resp: 337170
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 30.3 22.9 34.3

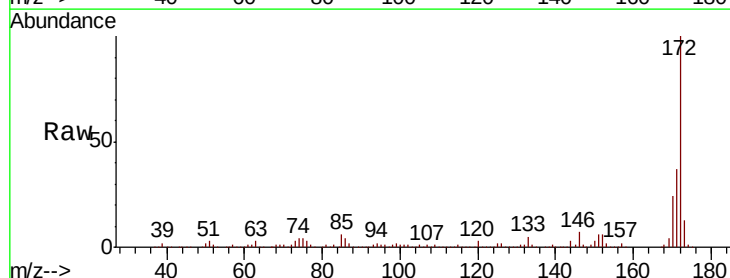


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

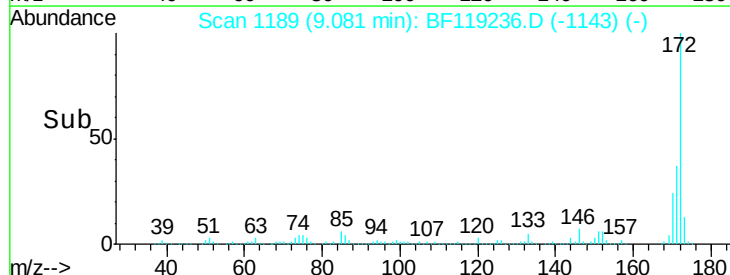
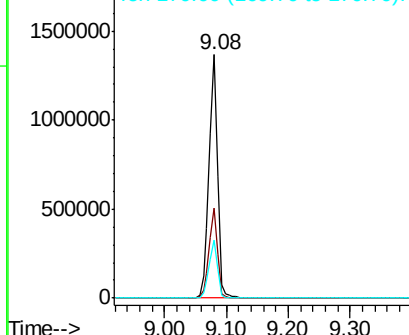


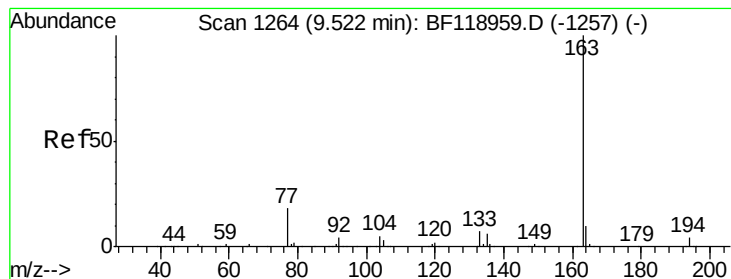
#45
 2-Fluorobiphenyl
 Concen: 59.936 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119236.D
 Acq: 6 Mar 2020 2:54

Tgt Ion:172 Resp: 1301461
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.6 45.8
 170 23.8 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





#50

Dimethylphthalate

Concen: 6.689 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.04 min

Lab File: BF119236.D

Acq: 6 Mar 2020 2:54

Instrument :

BNA_F

ClientSampleId :

CR-2

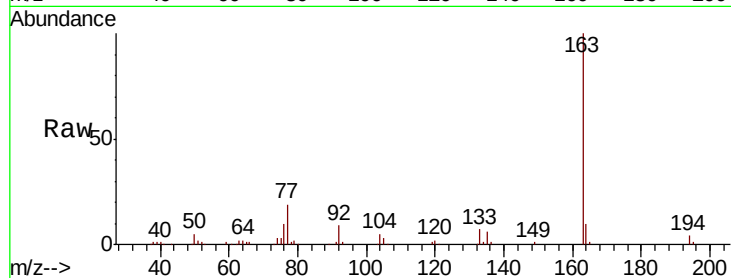
Tot Ion:163 Resp: 163628

Ion Ratio Lower Upper

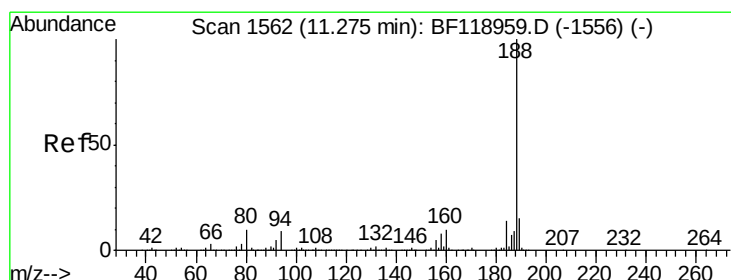
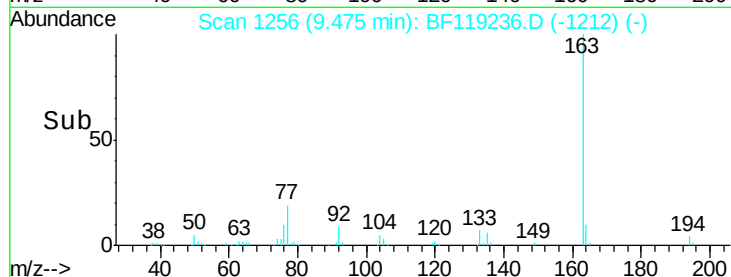
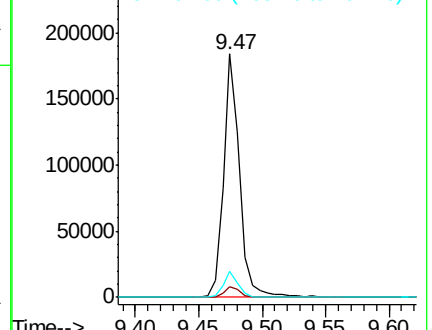
163 100

194 4.2 3.5 5.3

164 10.4 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. -0.02 min

Lab File: BF119236.D

Acq: 6 Mar 2020 2:54

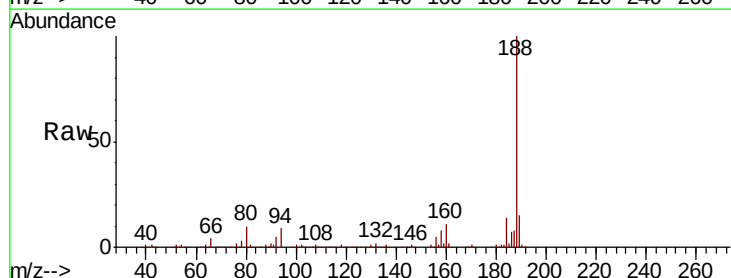
Tgt Ion:188 Resp: 568822

Ion Ratio Lower Upper

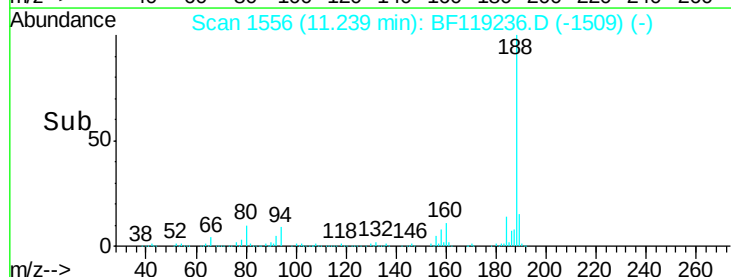
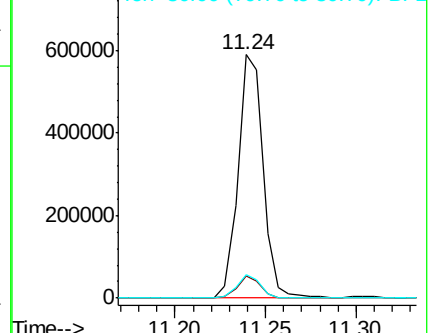
188 100

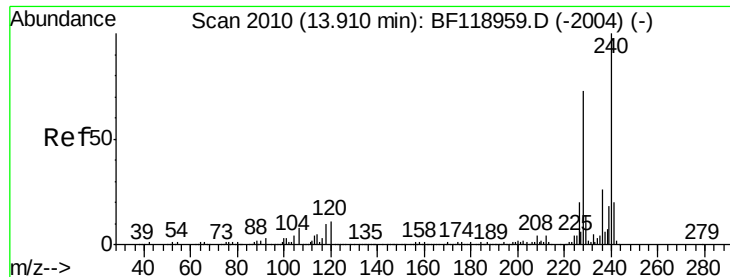
94 9.1 7.1 10.7

80 9.7 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

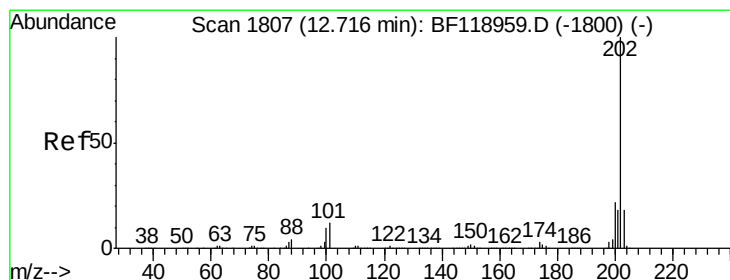
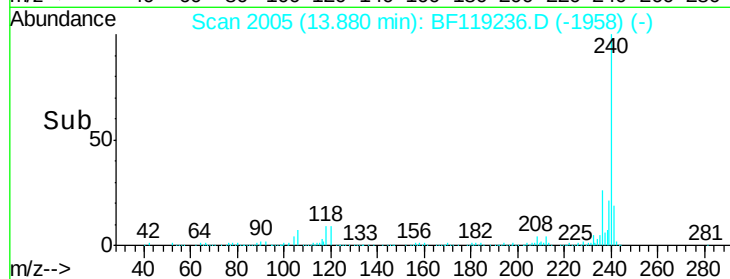
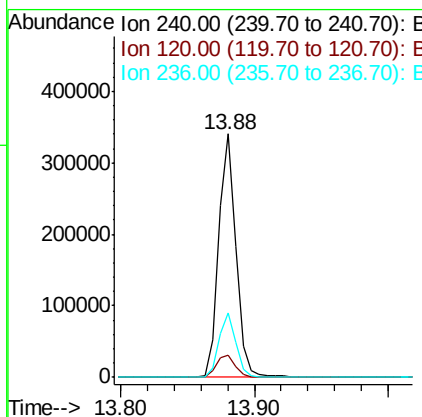
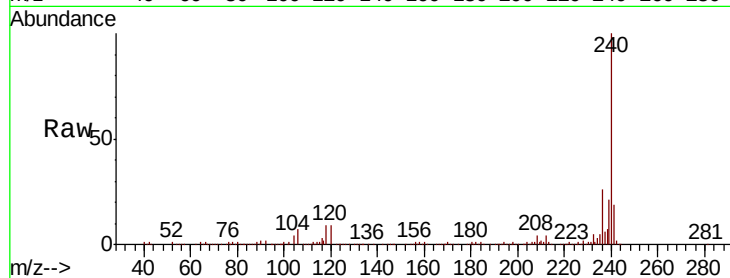




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119236.D
Acq: 6 Mar 2020 2:54

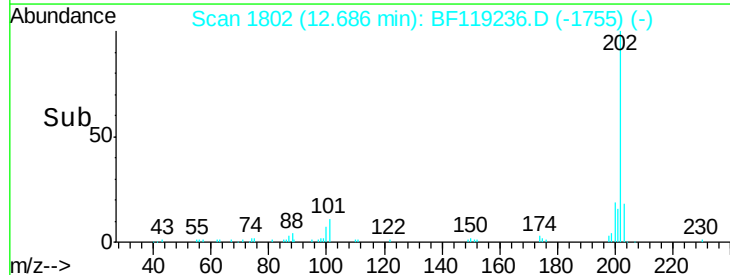
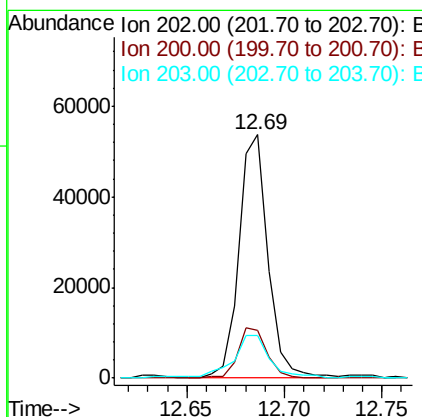
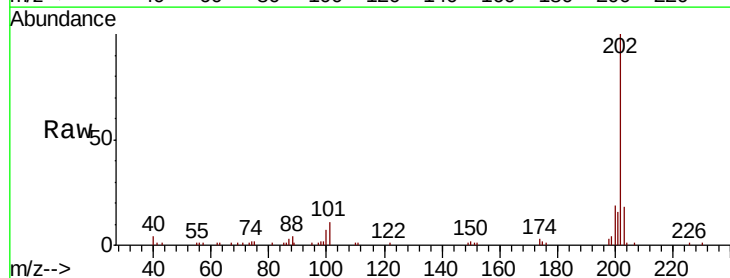
Instrument :
BNA_F
ClientSampleId :
CR-2

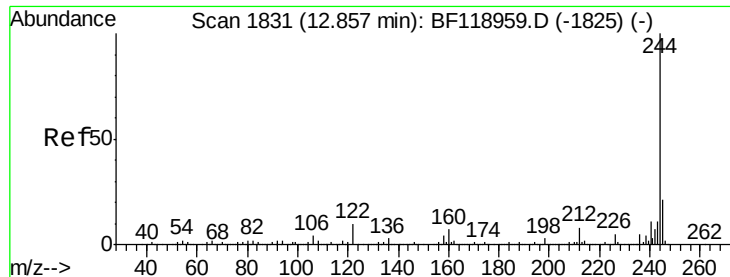
Tot Ion:240 Resp: 313607
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 26.2 21.0 31.4



#78
Pyrene
Concen: 2.199 ng
RT: 12.69 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BF119236.D
Acq: 6 Mar 2020 2:54

Tgt Ion:202 Resp: 55380
Ion Ratio Lower Upper
202 100
200 19.4 18.0 27.0
203 17.7 14.6 22.0





#79

Terphenyl-d14

Concen: 76.668 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BF119236.D

Acq: 6 Mar 2020 2:54

Instrument :

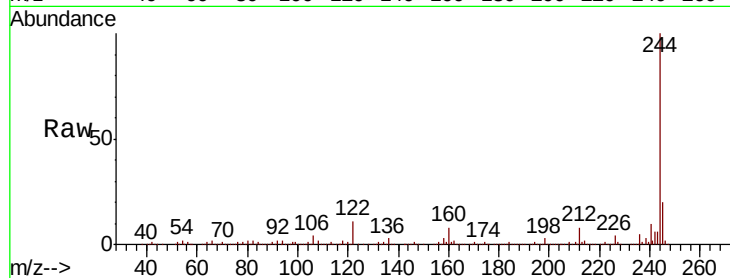
BNA_F

ClientSampleId :

CR-2

Tot Ion:244 Resp: 1396526

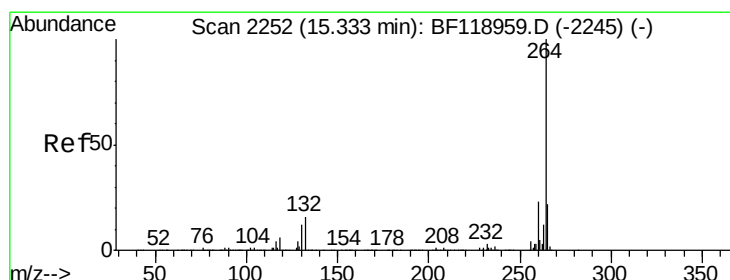
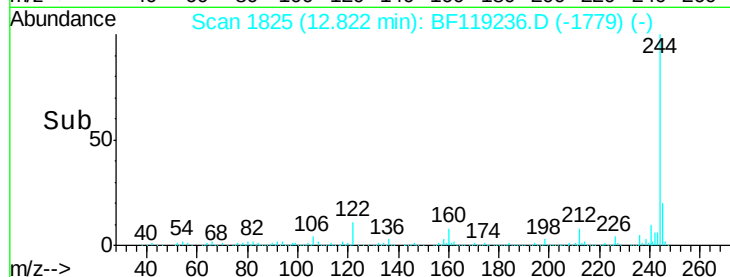
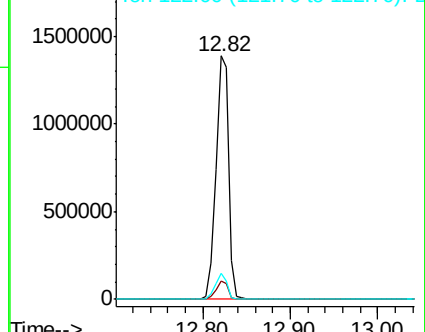
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.6	10.0
122	10.8	8.2	12.2



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

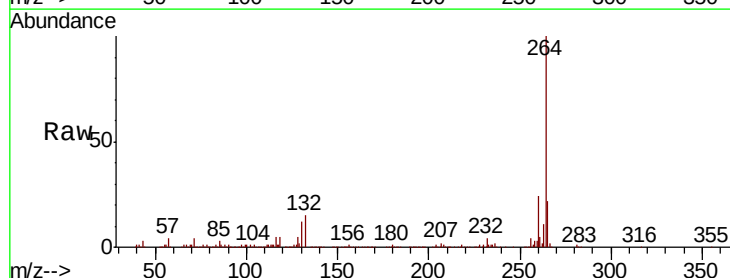
Delta R.T. -0.02 min

Lab File: BF119236.D

Acq: 6 Mar 2020 2:54

Tgt Ion:264 Resp: 316746

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.9	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

