

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118155.D
 Acq On : 9 Dec 2019 20:16
 Operator : JU
 Sample : K5792-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1

Quant Time: Dec 10 02:19:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

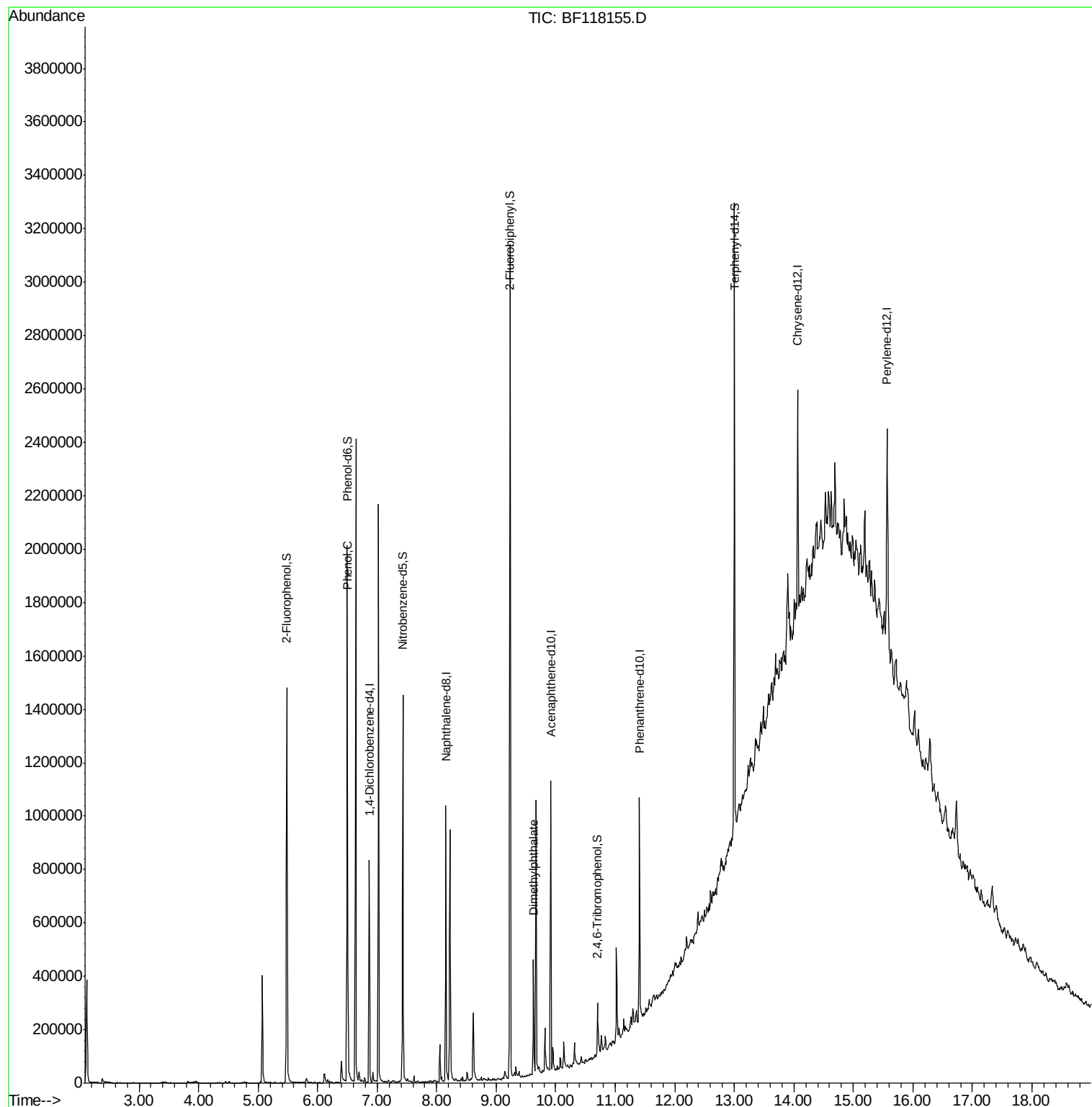
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	121967	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	464627	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	211953	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	323459	20.00	ng	0.00
76) Chrysene-d12	14.06	240	269467	20.00	ng	0.00
87) Perylene-d12	15.57	264	332179	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	422954	60.74	ng	0.00
7) Phenol-d6	6.50	99	784038	93.08	ng	0.00
23) Nitrobenzene-d5	7.43	82	483436	58.54	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	26295	10.21	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	934082	67.06	ng	0.00
79) Terphenyl-d14	13.00	244	823740	52.57	ng	0.00
Target Compounds						
10) Phenol	6.51	94	43664	4.546	ng	95
50) Dimethylphthalate	9.62	163	154353	9.859	ng	99

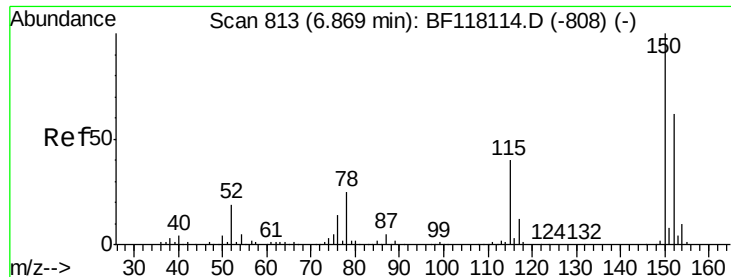
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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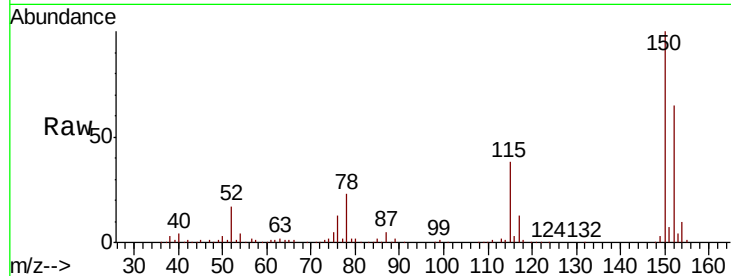


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Instrument :
BNA_F
ClientSampleId :
1

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	128.3	192.5
115	58.3	51.1	76.7

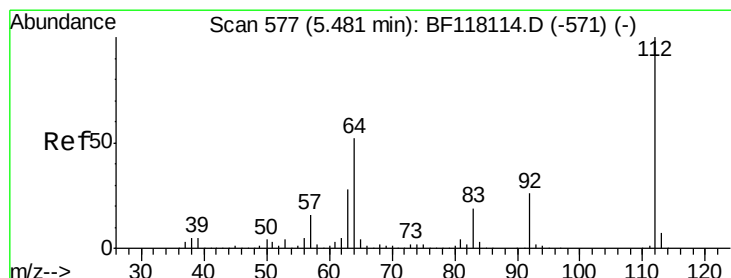
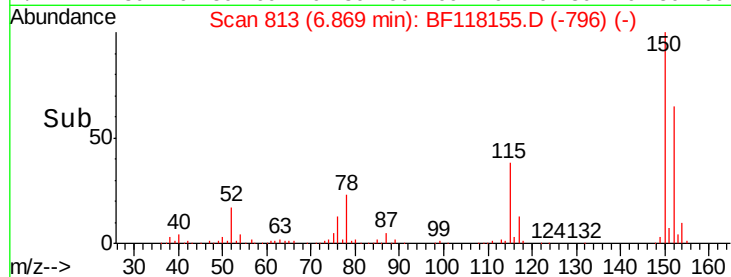
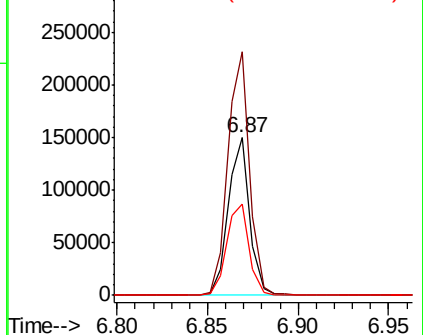


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

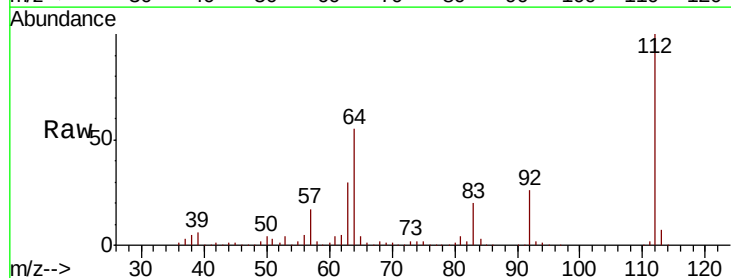
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.737 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	41.3	61.9
63	30.1	22.4	33.6

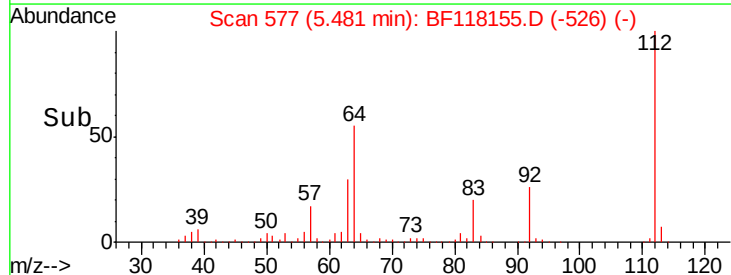
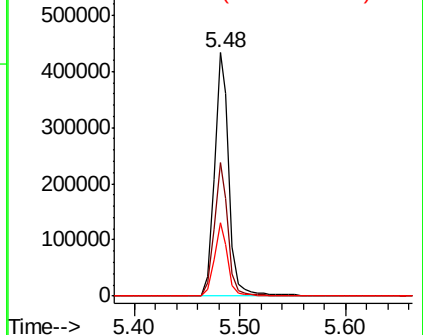


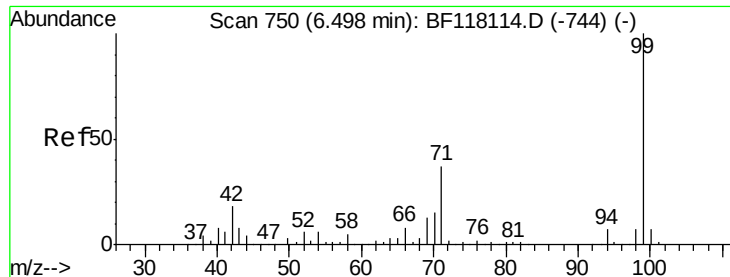
Abundance

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: 93.085 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118155.D

Acq: 9 Dec 2019 20:16

Instrument :

BNA_F

ClientSampled :

1

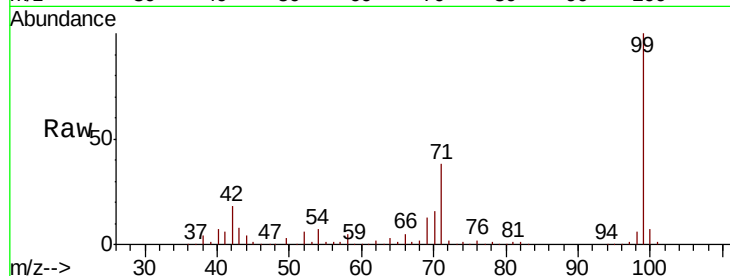
Tot Ion: 99 Resp: 784038

Ion Ratio Lower Upper

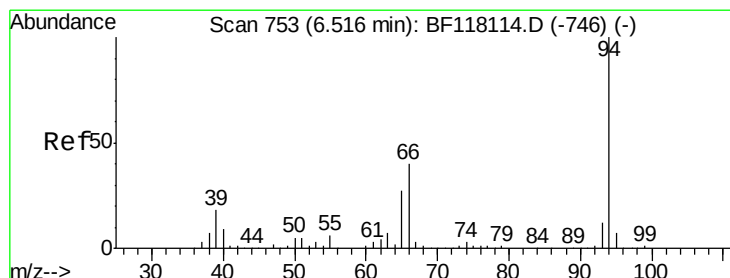
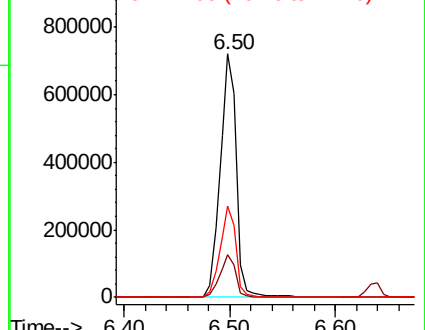
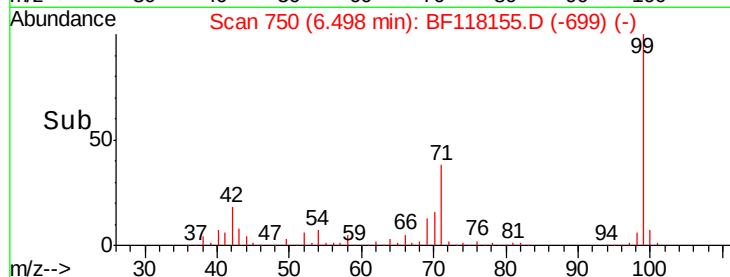
99 100

42 17.8 14.1 21.1

71 37.6 29.7 44.5



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



#10

Phenol

Concen: 4.546 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118155.D

Acq: 9 Dec 2019 20:16

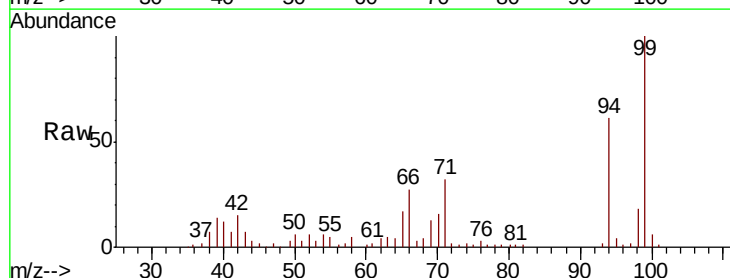
Tgt Ion: 94 Resp: 43664

Ion Ratio Lower Upper

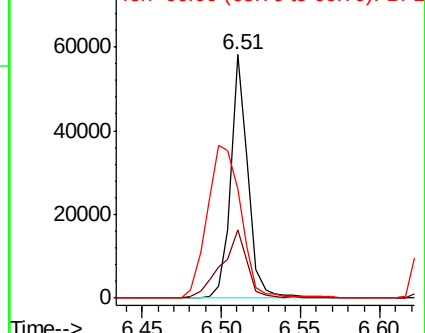
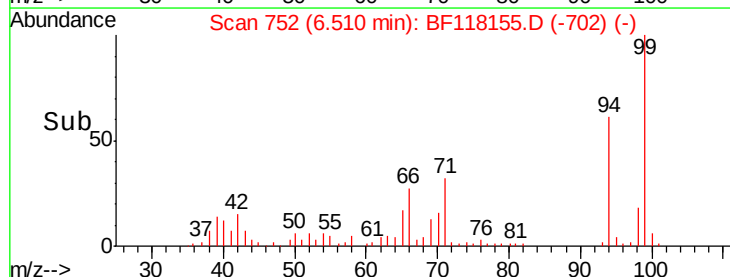
94 100

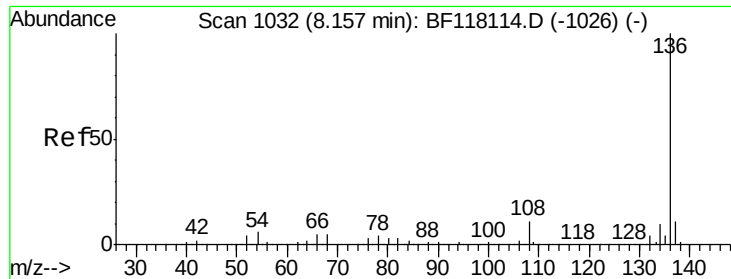
65 28.0 7.3 47.3

66 45.0 20.2 60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

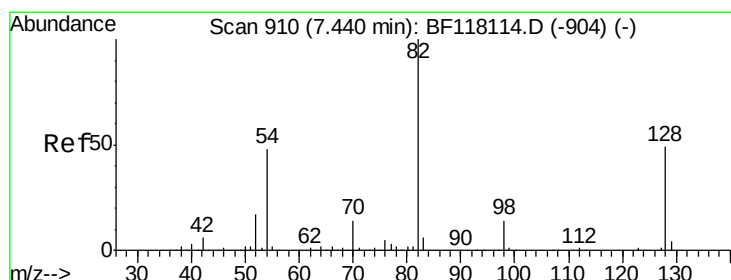
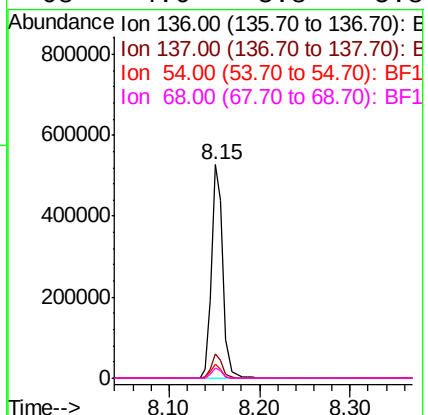
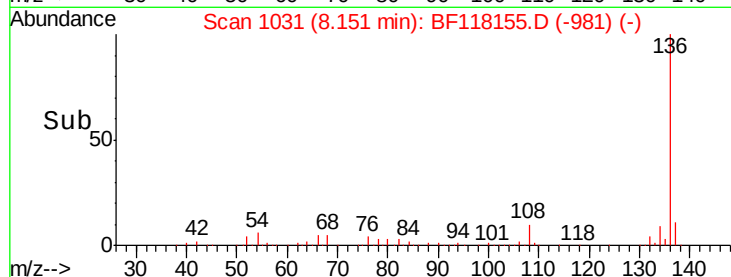
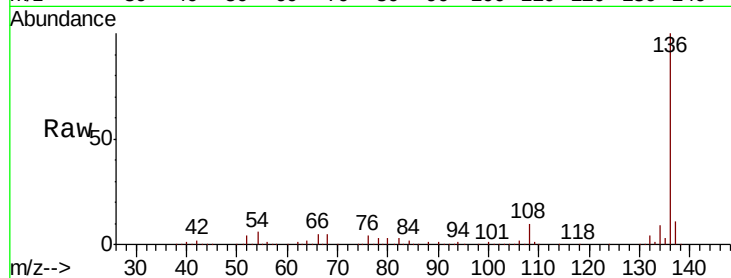




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

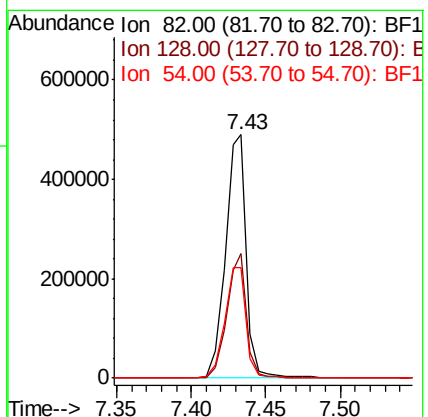
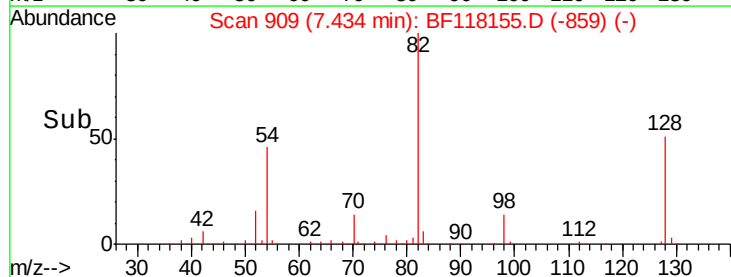
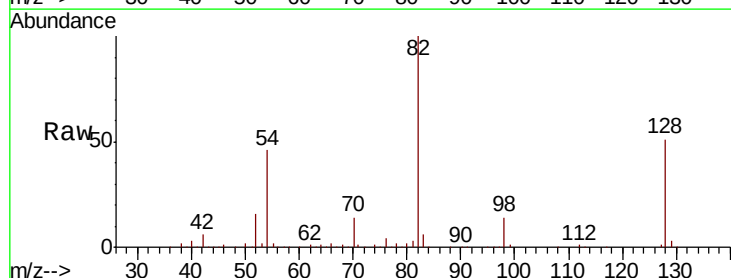
Instrument :
BNA_F
ClientSampleId :
1

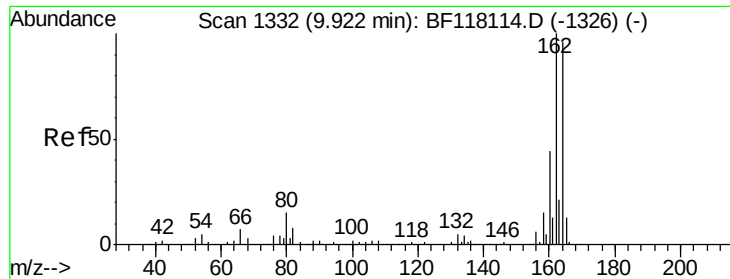
Tot Ion:136	Resp:	464627
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	6.3	5.0 7.6
68	4.6	3.8 5.8



#23
Nitrobenzene-d5
Concen: 58.535 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Tgt Ion: 82	Resp:	483436
Ion Ratio	Lower	Upper
82	100	
128	51.4	39.1 58.7
54	45.5	38.2 57.2

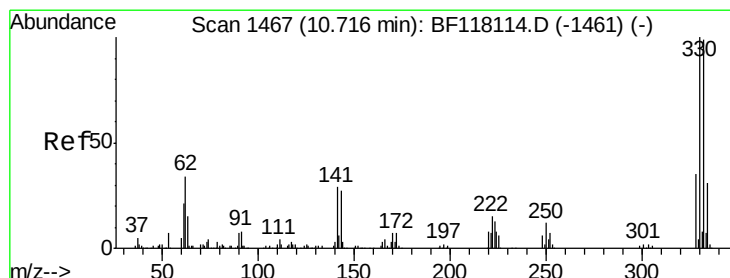
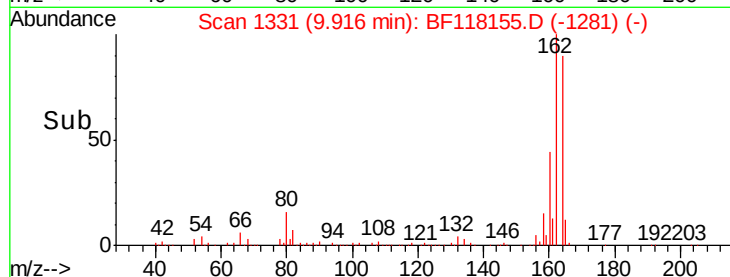
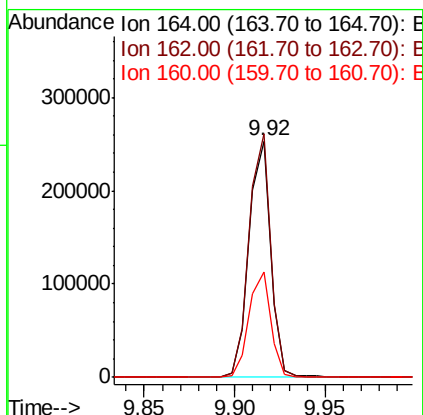
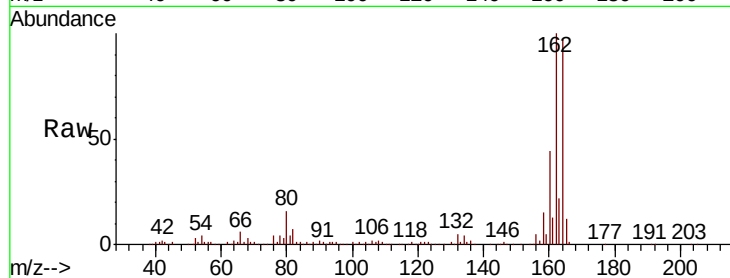




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118155.D
 Acq: 9 Dec 2019 20:16

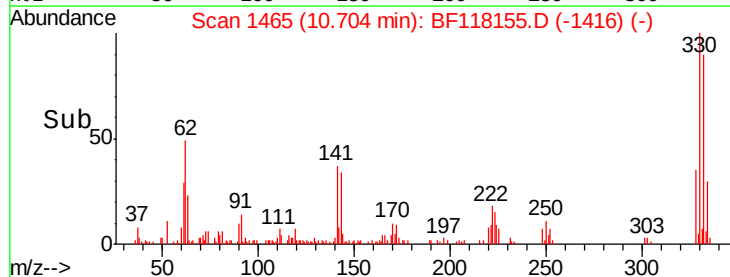
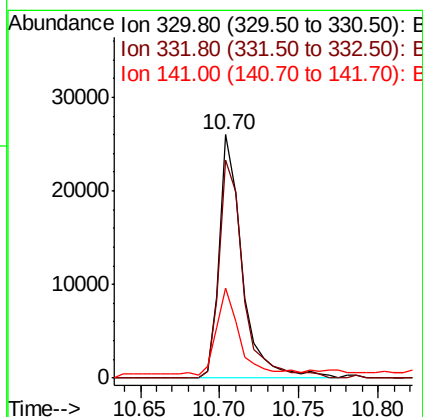
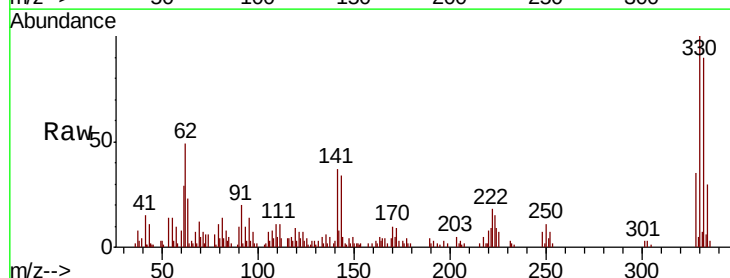
Instrument :
 BNA_F
 ClientSampleId :
 1

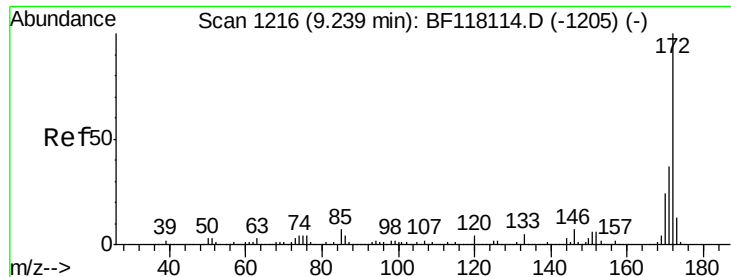
Tot Ion:164 Resp: 211953
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.4 125.0
 160 44.8 36.6 54.8



#42
 2,4,6-Tribromophenol
 Concen: 10.212 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118155.D
 Acq: 9 Dec 2019 20:16

Tgt Ion:330 Resp: 26295
 Ion Ratio Lower Upper
 330 100
 332 93.9 78.1 117.1
 141 33.5 26.9 40.3

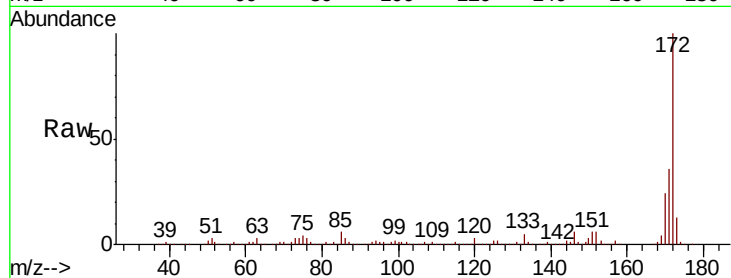




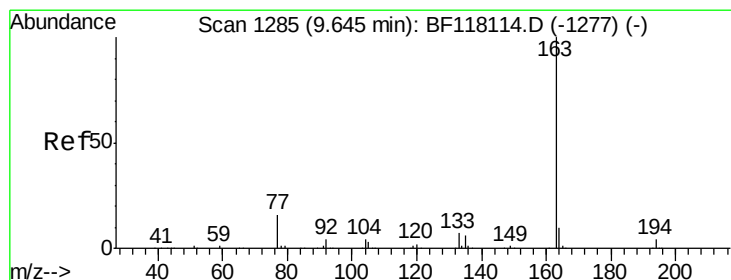
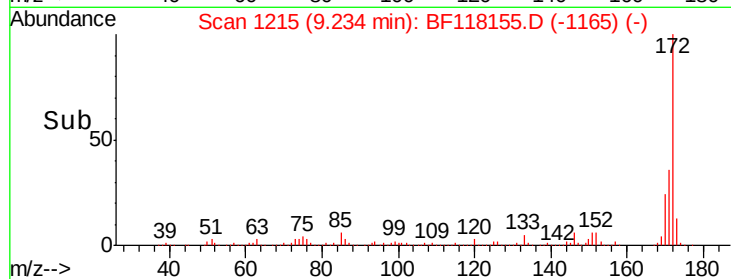
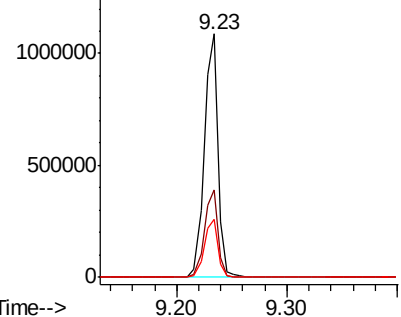
#45
2-Fluorobiphenyl
Concen: 67.059 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Instrument :
BNA_F
ClientSampleId :
1

Tot Ion:172 Resp: 934082
Ion Ratio Lower Upper
172 100
171 36.0 29.2 43.8
170 24.1 19.4 29.2

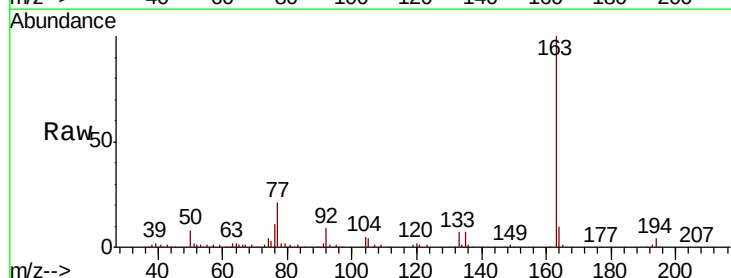


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

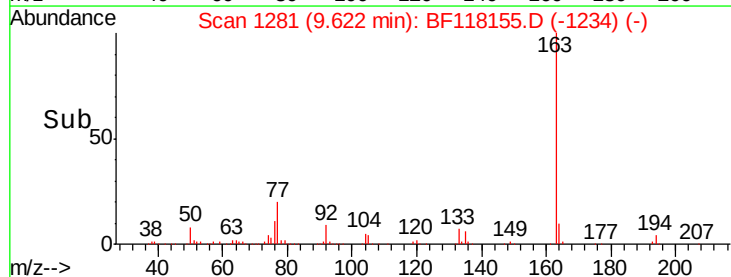
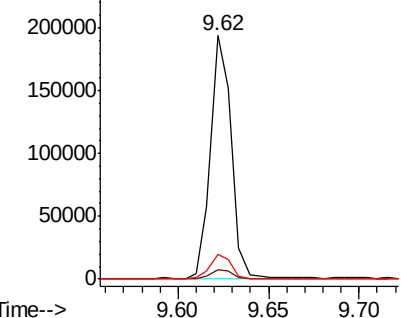


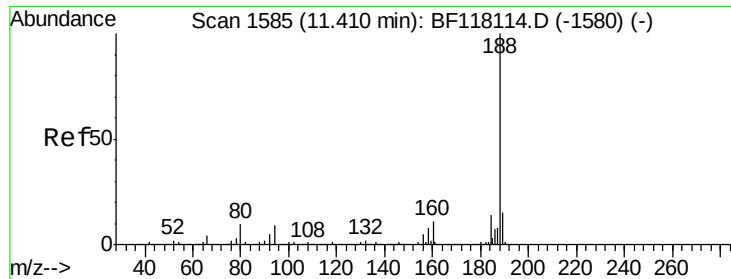
#50
Dimethylphthalate
Concen: 9.859 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Tgt Ion:163 Resp: 154353
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.9 7.7 11.5



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

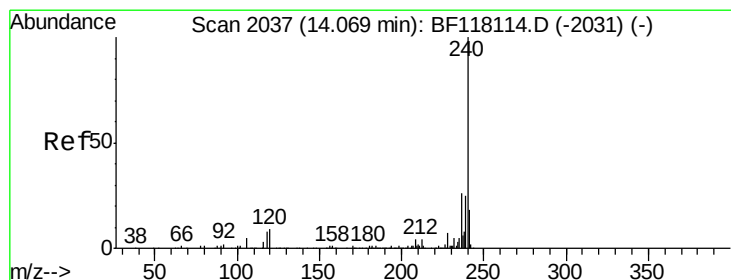
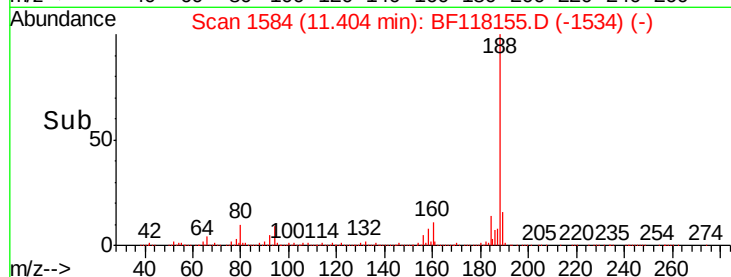
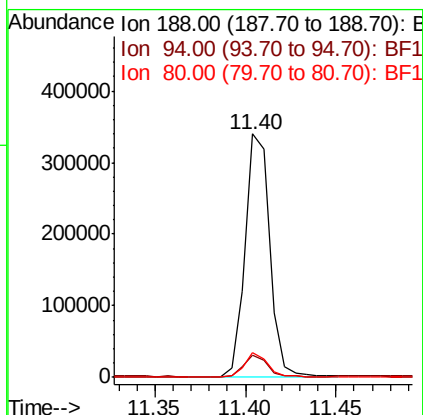
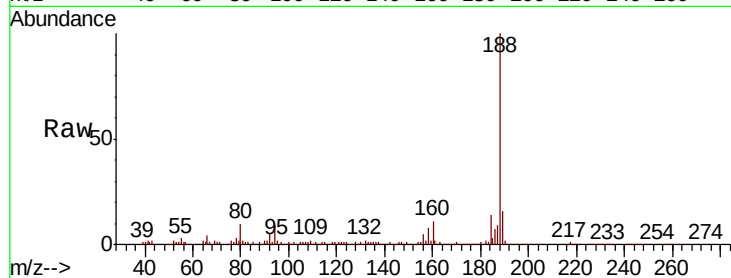




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

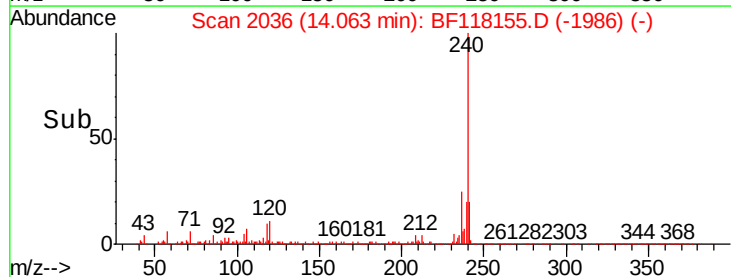
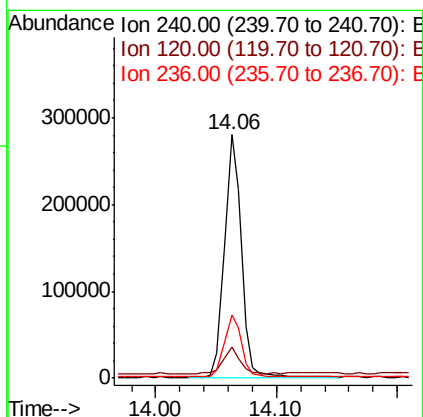
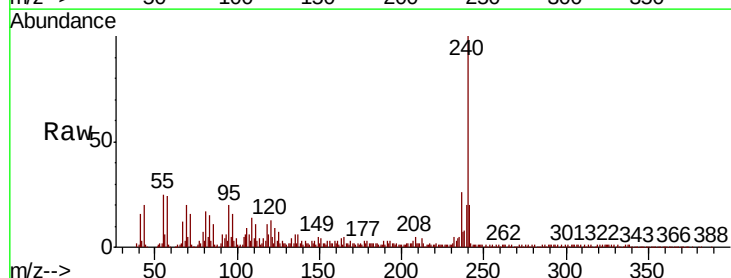
Instrument :
BNA_F
ClientSampleId :
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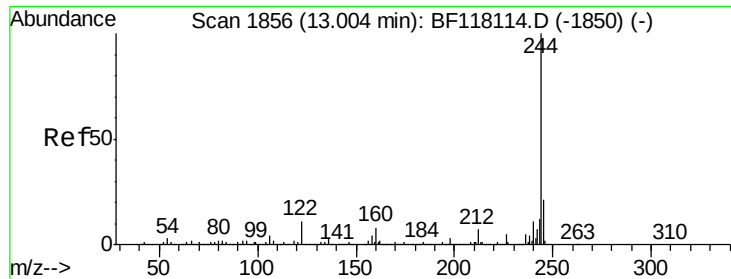
Tot Ion:188 Resp: 323459
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118155.D
Acq: 9 Dec 2019 20:16

Tgt Ion:240 Resp: 269467
Ion Ratio Lower Upper
240 100
120 12.6 7.1 10.7#
236 25.8 21.0 31.6





#79

Terphenyl-d14

Concen: 52.568 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118155.D

Acq: 9 Dec 2019 20:16

Instrument :

BNA_F

ClientSampled :

1

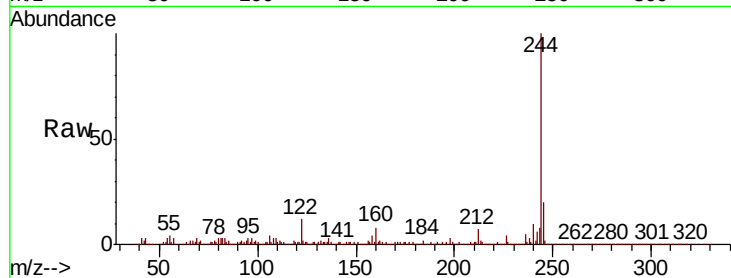
Tot Ion:244 Resp: 823740

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

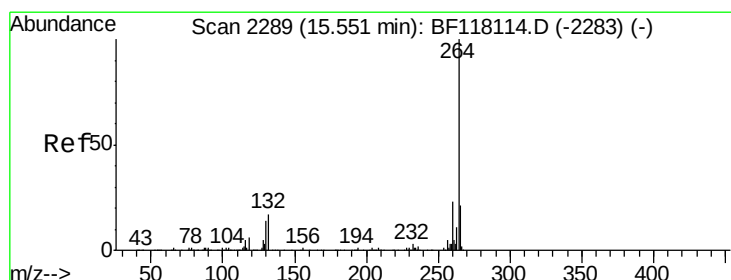
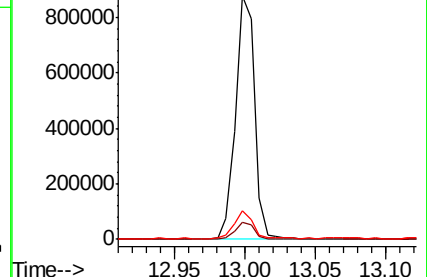
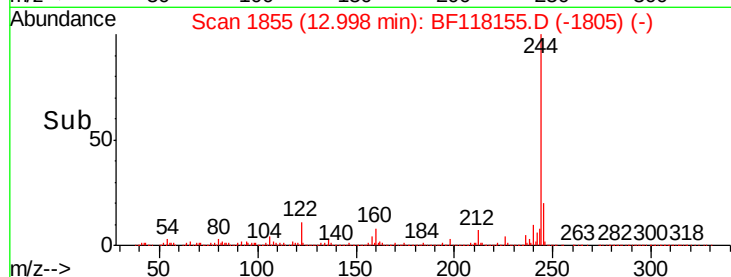
122 11.6 9.0 13.6



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: 15.57 min Scan# 2292

Delta R.T. 0.02 min

Lab File: BF118155.D

Acq: 9 Dec 2019 20:16

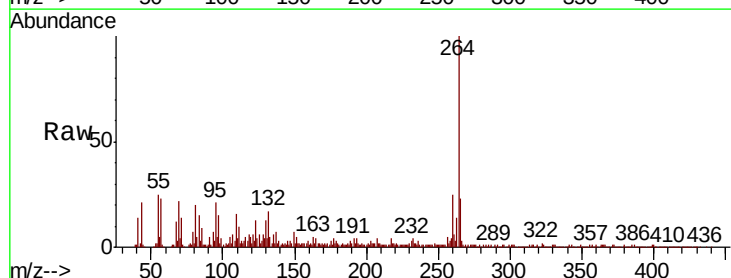
Tgt Ion:264 Resp: 332179

Ion Ratio Lower Upper

264 100

260 25.0 18.6 28.0

265 23.0 16.8 25.2



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

