

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021219\
 Data File : BF112510.D
 Acq On : 12 Feb 2019 14:41
 Operator : JU/SJ
 Sample : K1459-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-10-D

Quant Time: Feb 13 06:00:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

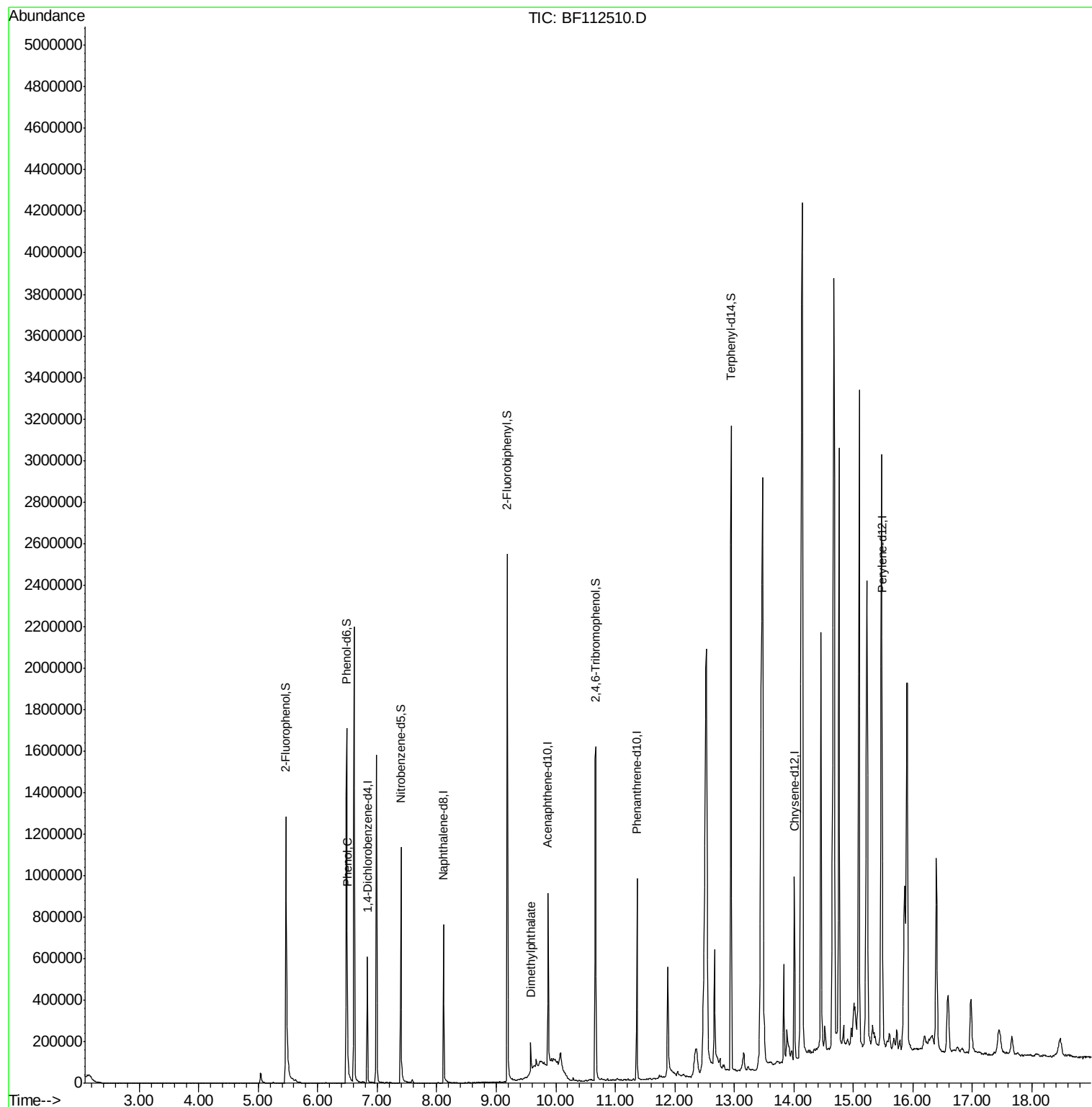
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	88564	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	354041	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	174088	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	369055	20.00	ng	0.00
76) Chrysene-d12	14.01	240	297393	20.00	ng	0.00
87) Perylene-d12	15.49	264	217197	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	488971	117.27	ng	-0.01
7) Phenol-d6	6.49	99	632484	109.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	392185	63.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	216107	106.65	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	804274	65.34	ng	-0.02
79) Terphenyl-d14	12.95	244	976496	61.84	ng	0.00
Target Compounds						
10) Phenol	6.50	94	26730	4.205	ng	96
50) Dimethylphthalate	9.58	163	59766	4.419	ng	100

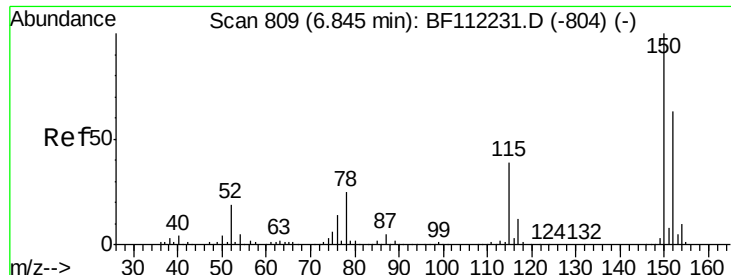
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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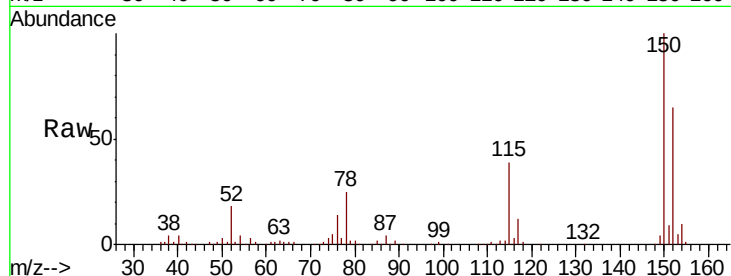


#1

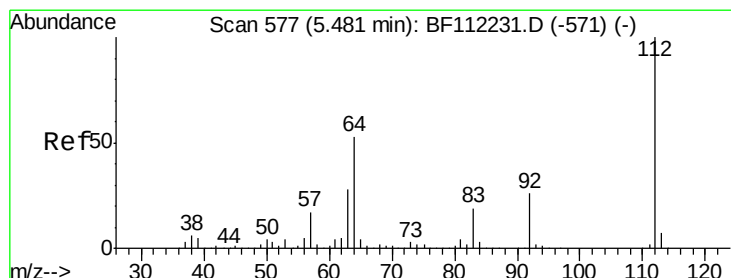
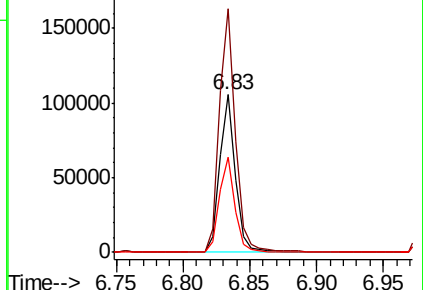
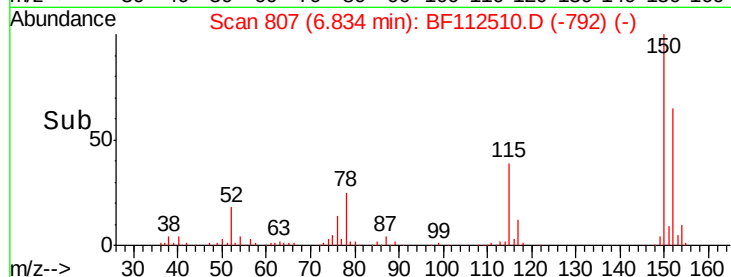
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Instrument :
BNA_F
ClientSampleId :
M-10-D

Tot Ion:152 Resp: 88564
Ion Ratio Lower Upper
152 100
150 154.6 127.4 191.0
115 60.7 45.5 68.3



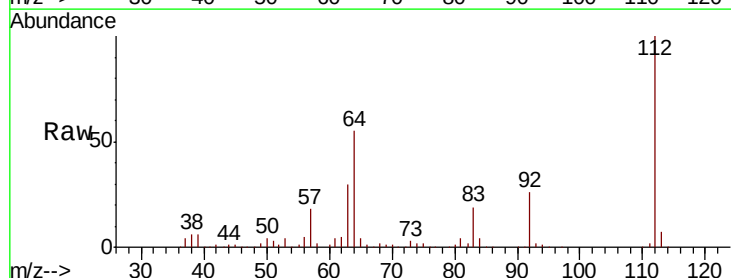
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



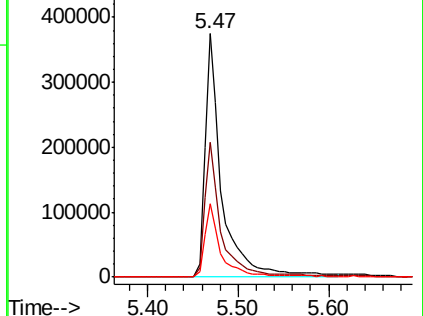
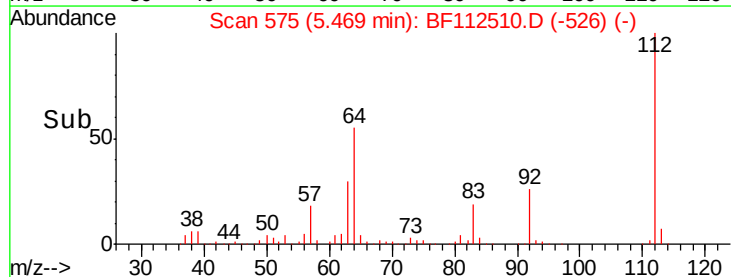
#5

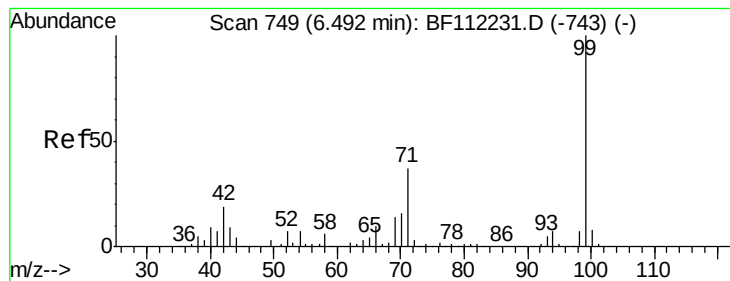
2-Fluorophenol
Concen: 117.272 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Tgt Ion:112 Resp: 488971
Ion Ratio Lower Upper
112 100
64 55.2 45.7 68.5
63 30.3 23.6 35.4



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: 109.166 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112510.D

Acq: 12 Feb 2019 14:41

Instrument :

BNA_F

ClientSampleId :

M-10-D

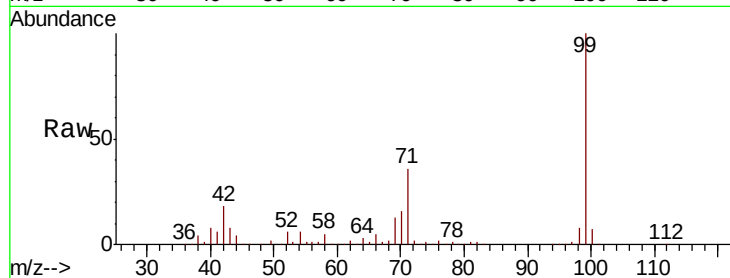
Tot Ion: 99 Resp: 632484

Ion Ratio Lower Upper

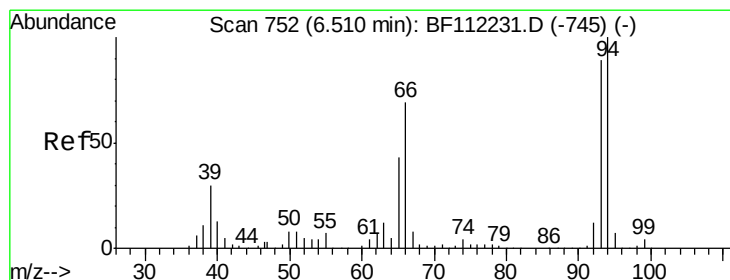
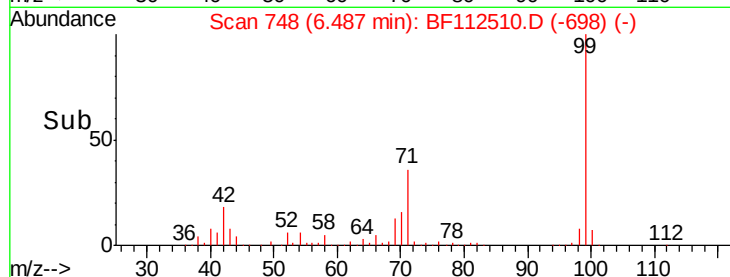
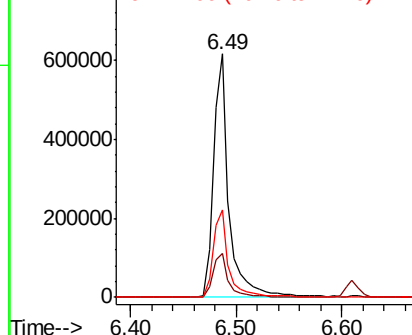
99 100

42 17.9 15.1 22.7

71 35.9 26.9 40.3



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: 4.205 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112510.D

Acq: 12 Feb 2019 14:41

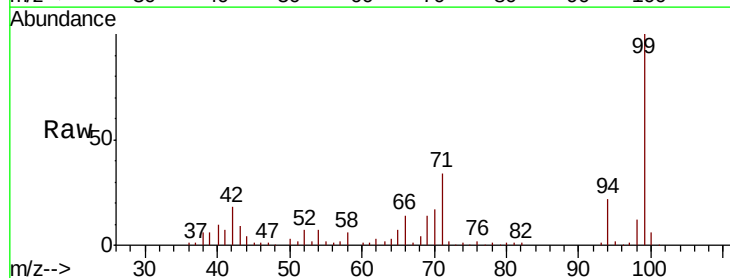
Tgt Ion: 94 Resp: 26730

Ion Ratio Lower Upper

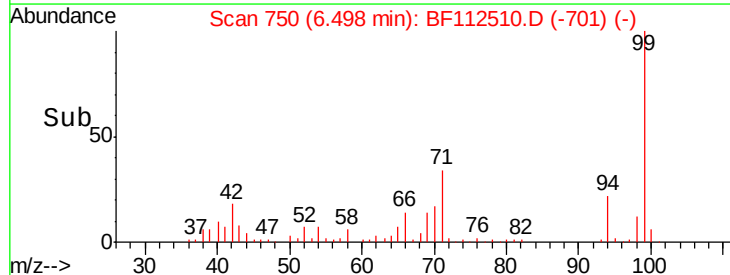
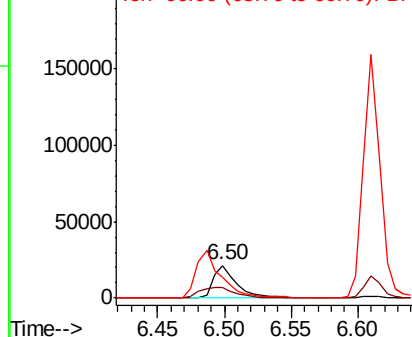
94 100

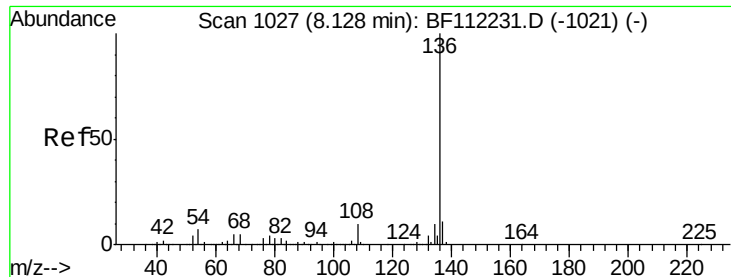
65 33.5 20.3 60.3

66 62.4 42.4 82.4



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

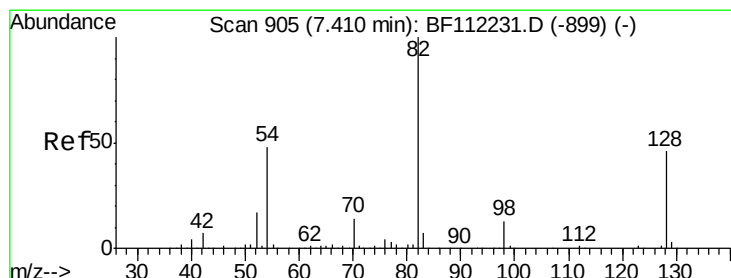
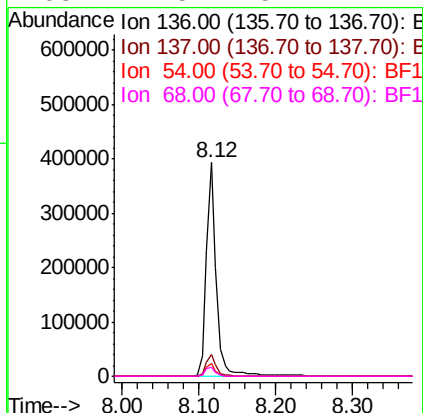
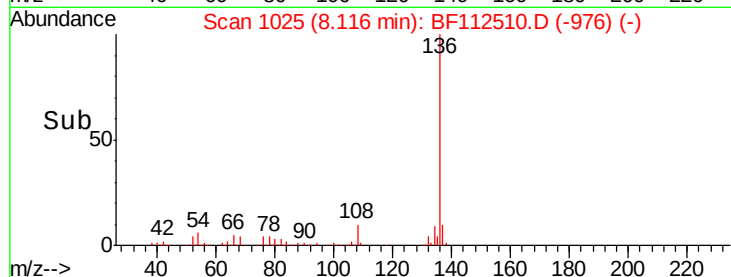
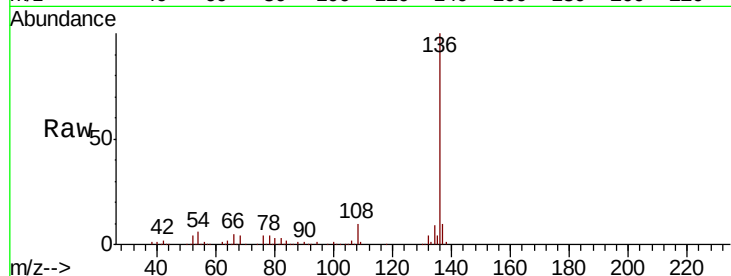




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

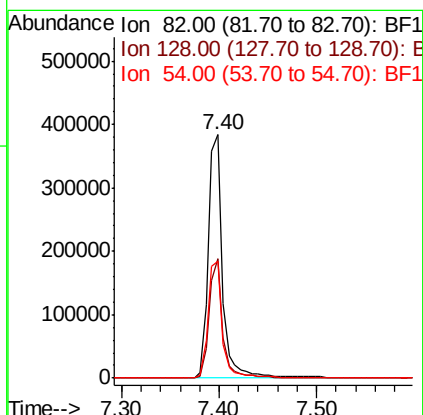
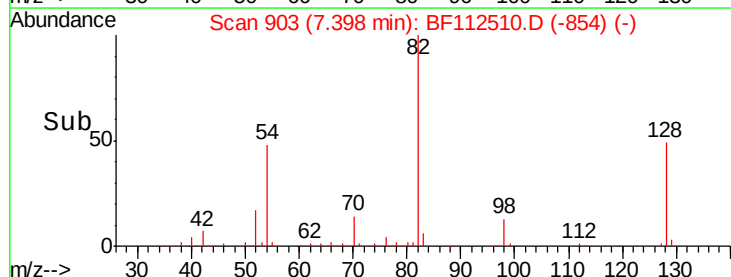
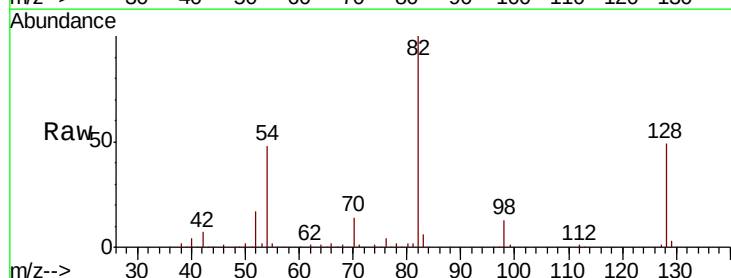
Instrument :
BNA_F
ClientSampleId :
M-10-D

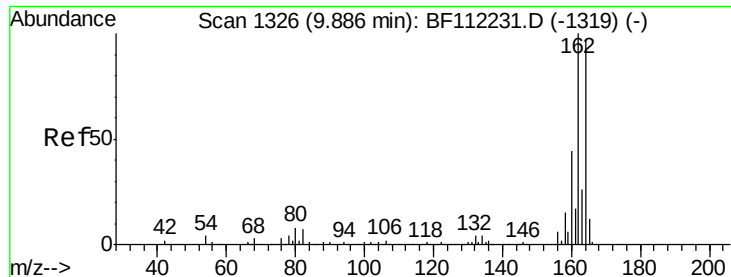
Tot Ion:136	Resp:	354041
Ion	Ratio	Lower Upper
136	100	
137	10.3	9.1 13.7
54	5.9	5.9 8.9#
68	4.5	5.1 7.7#



#23
Nitrobenzene-d5
Concen: 63.828 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Tgt Ion: 82	Resp:	392185
Ion	Ratio	Lower Upper
82	100	
128	48.8	37.8 56.8
54	47.9	39.7 59.5

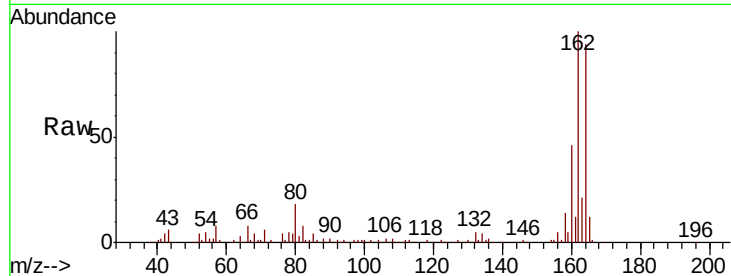




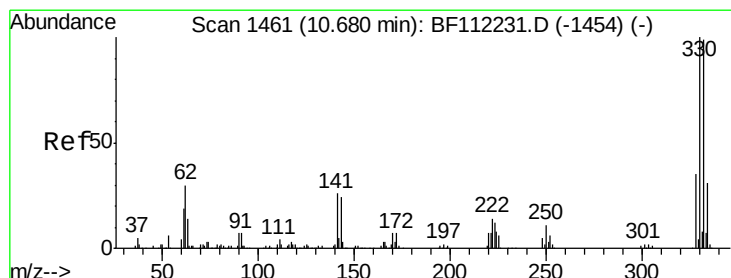
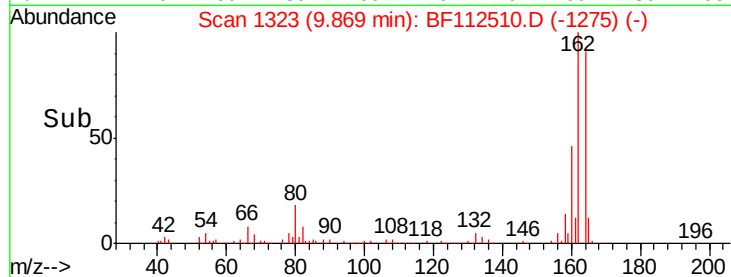
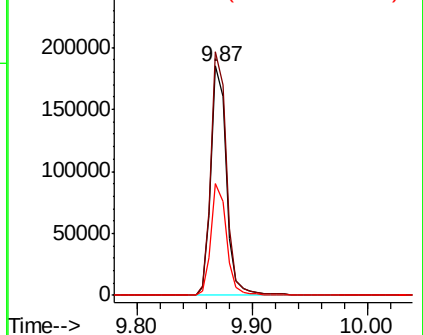
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112510.D
 Acq: 12 Feb 2019 14:41

Instrument :
 BNA_F
 ClientSampleId :
 M-10-D

Tot Ion:164 Resp: 174088
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.2 123.4
 160 48.8 36.2 54.4

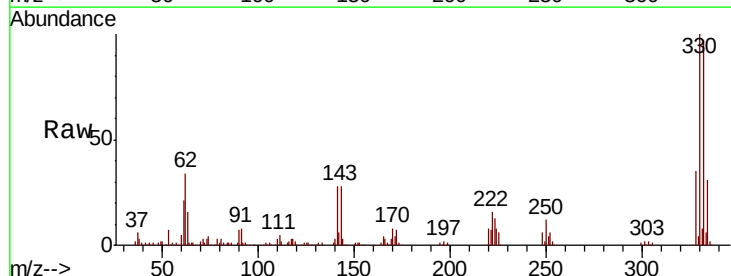


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

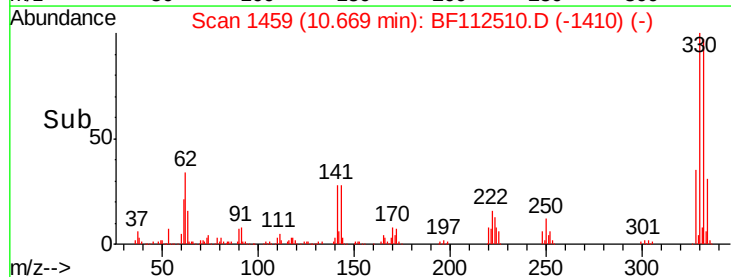
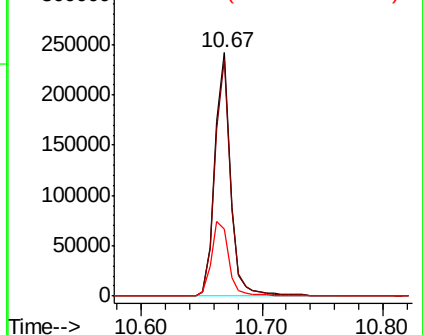


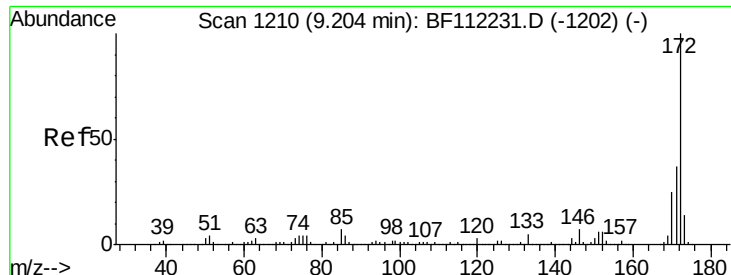
#42
 2,4,6-Tribromophenol
 Concen: 106.649 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112510.D
 Acq: 12 Feb 2019 14:41

Tgt Ion:330 Resp: 216107
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 34.3 24.3 36.5



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

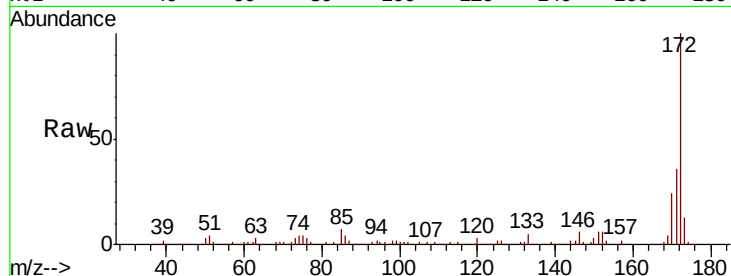




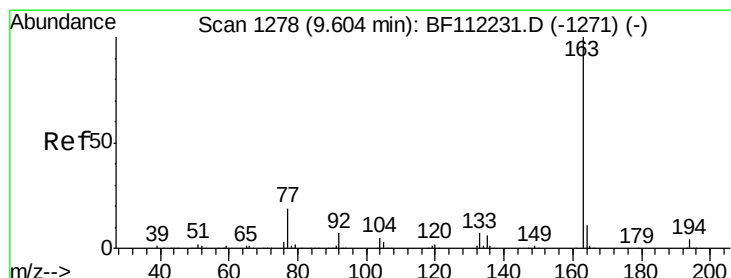
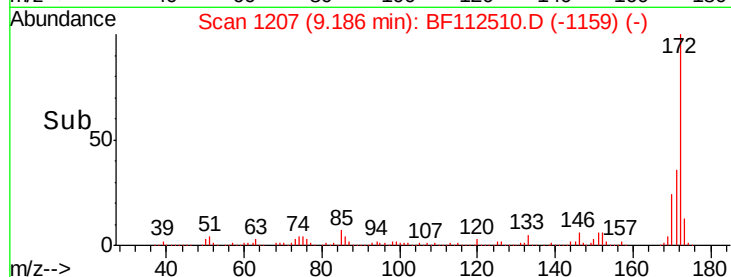
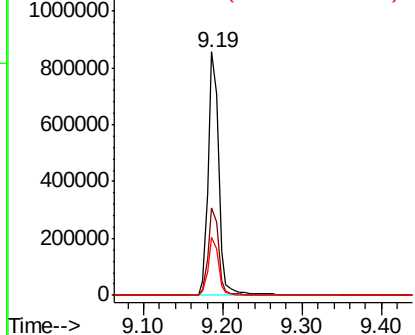
#45
2-Fluorobiphenyl
Concen: 65.341 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Instrument :
BNA_F
ClientSampled :
M-10-D

Tot Ion:172 Resp: 804274
Ion Ratio Lower Upper
172 100
171 35.7 30.5 45.7
170 23.7 20.2 30.4

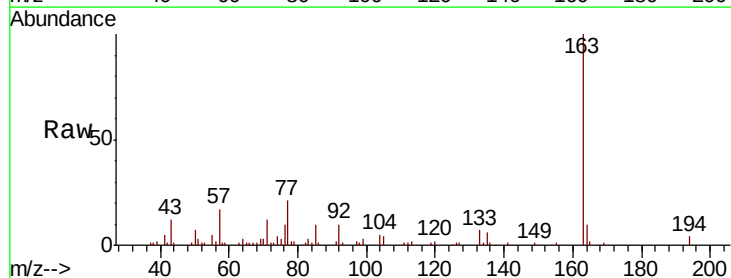


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

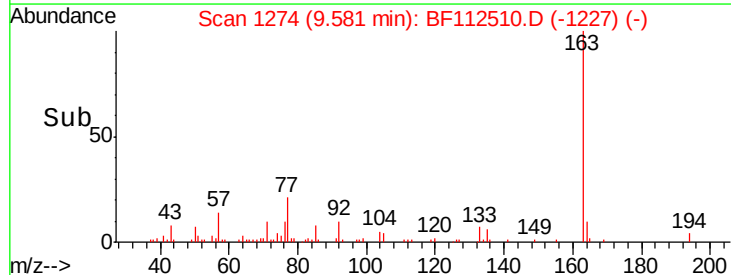
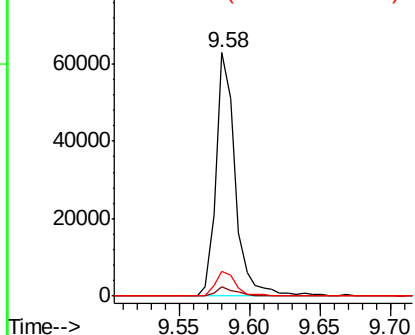


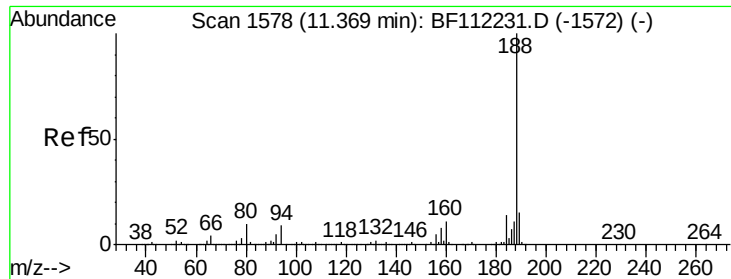
#50
Dimethylphthalate
Concen: 4.419 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Tgt Ion:163 Resp: 59766
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.5 12.7



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

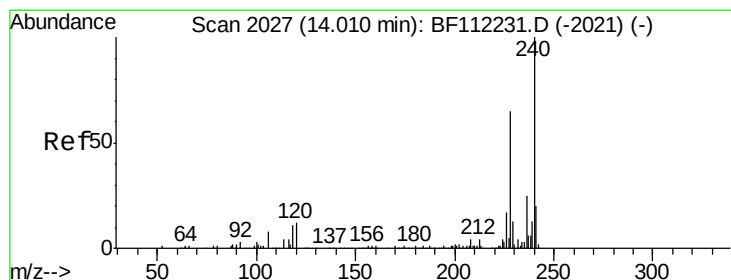
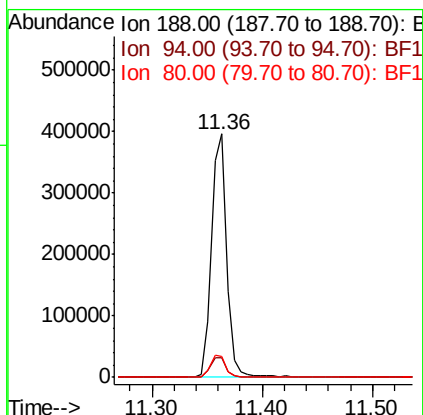
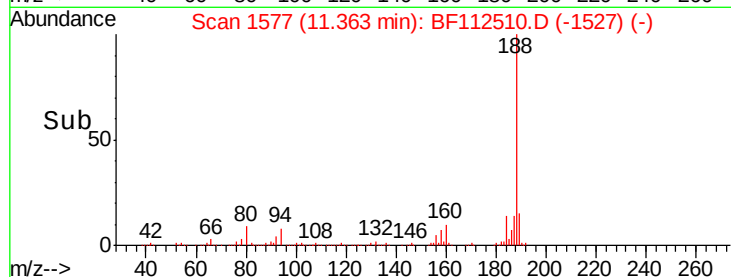
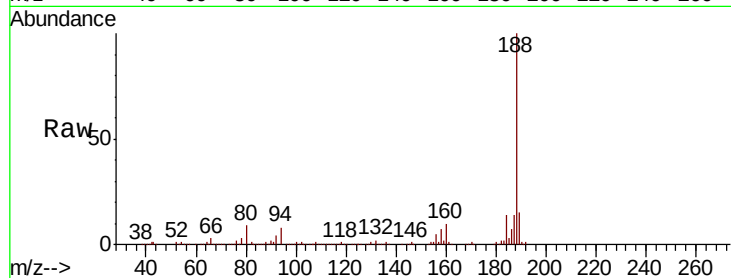




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

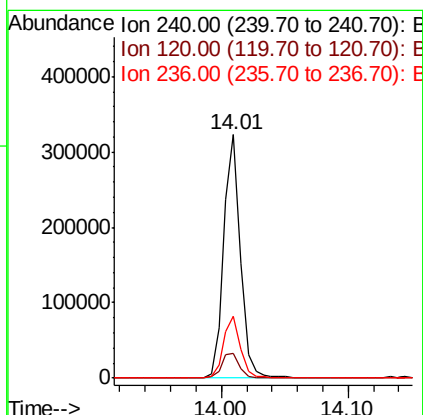
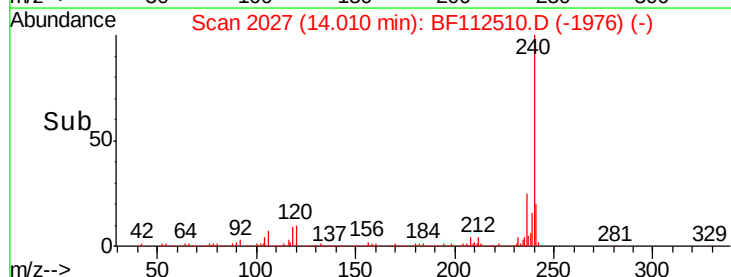
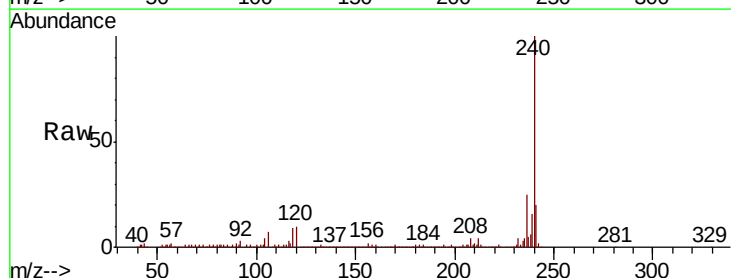
Instrument :
BNA_F
ClientSampled :
M-10-D

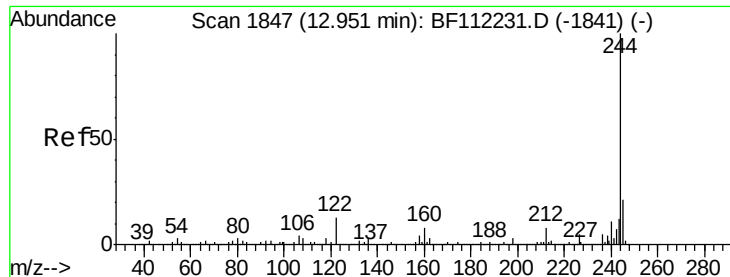
Tot Ion:188 Resp: 369055
Ion Ratio Lower Upper
188 100
94 7.9 8.2 12.2#
80 8.6 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112510.D
Acq: 12 Feb 2019 14:41

Tgt Ion:240 Resp: 297393
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.6
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 61.843 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112510.D

Acq: 12 Feb 2019 14:41

Instrument :

BNA_F

ClientSampleId :

M-10-D

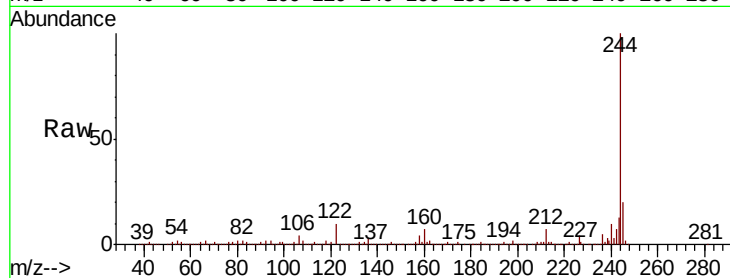
Tot Ion:244 Resp: 976496

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

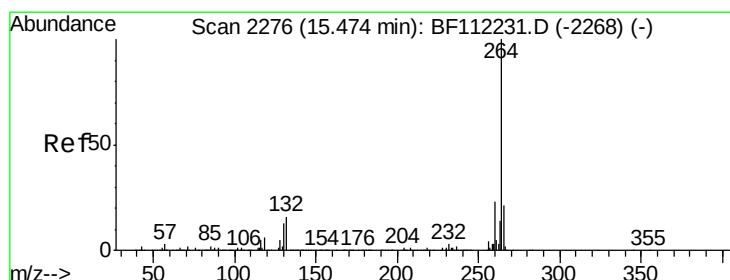
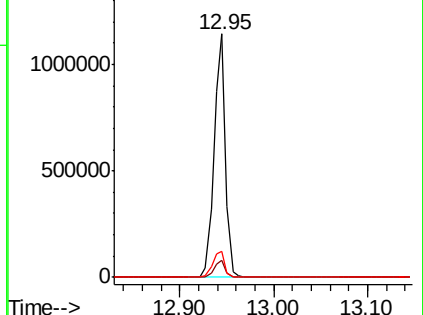
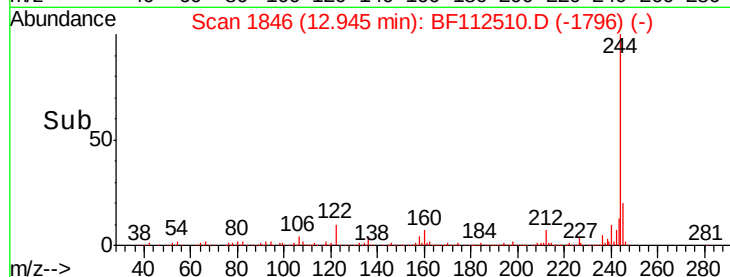
122 10.5 9.8 14.6



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: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF112510.D

Acq: 12 Feb 2019 14:41

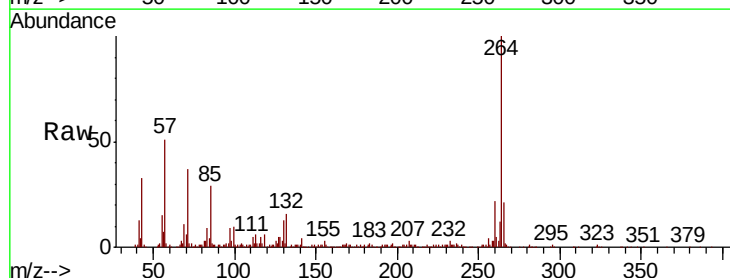
Tgt Ion:264 Resp: 217197

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.2

265 21.4 17.0 25.4



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

