

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115910.D
 Acq On : 1 Aug 2019 17:02
 Operator : HP/JU
 Sample : K4079-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TANK-4

Quant Time: Aug 02 05:52:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

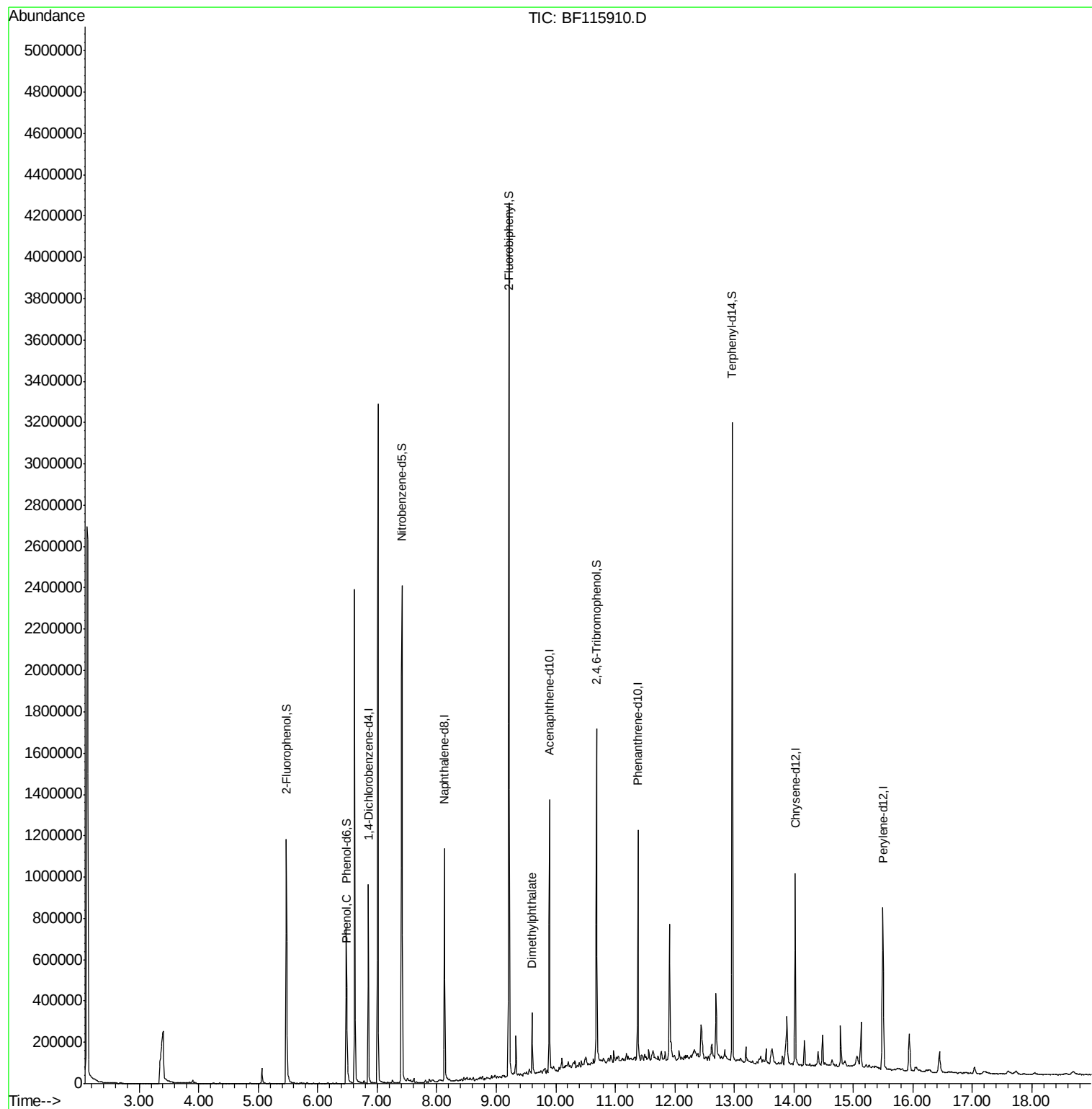
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132830	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	489961	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	249578	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	379260	20.00	ng	0.00
76) Chrysene-d12	14.02	240	273455	20.00	ng	0.00
87) Perylene-d12	15.49	264	331860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	343834	43.33	ng	0.00
7) Phenol-d6	6.48	99	261313	26.10	ng	0.00
23) Nitrobenzene-d5	7.42	82	838646	98.80	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	223240	92.26	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1386006	104.02	ng	0.00
79) Terphenyl-d14	12.96	244	1095073	84.38	ng	0.00
Target Compounds						
10) Phenol	6.49	94	42779	3.629	ng	93
50) Dimethylphthalate	9.60	163	110129	6.481	ng	100

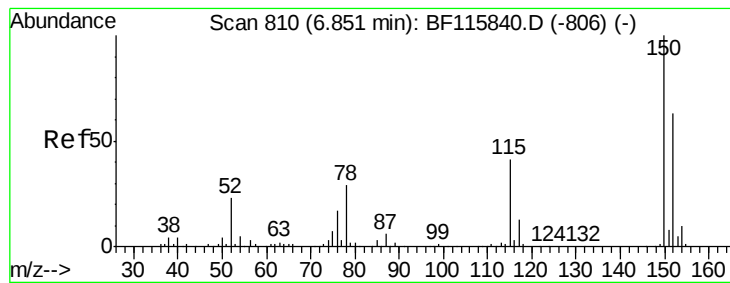
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF115910.D

Acq: 1 Aug 2019 17:02

Instrument :

BNA_F

ClientSampleId :

TANK-4

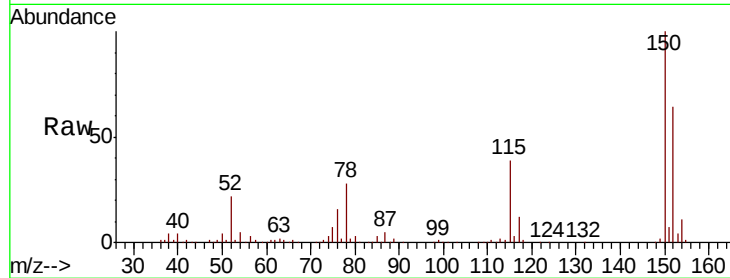
Tot Ion:152 Resp: 132830

Ion Ratio Lower Upper

152 100

150 155.2 127.4 191.0

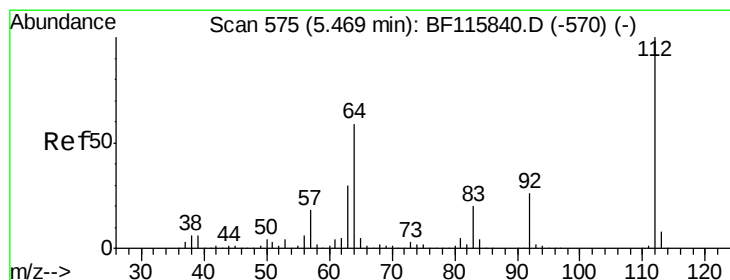
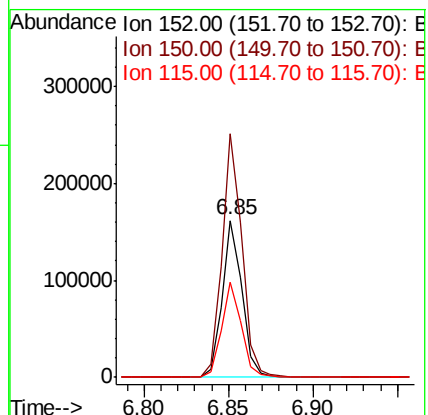
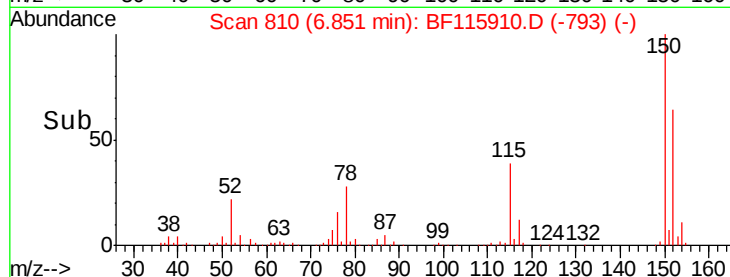
115 60.5 51.8 77.8



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: 43.334 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF115910.D

Acq: 1 Aug 2019 17:02

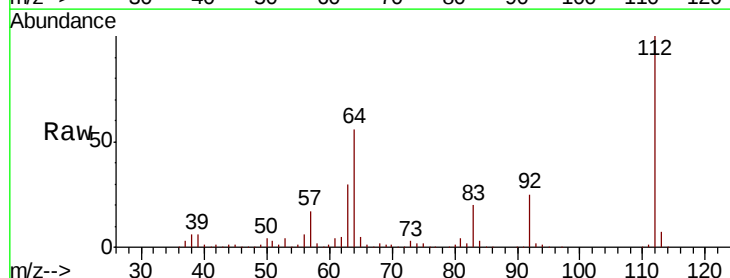
Tgt Ion:112 Resp: 343834

Ion Ratio Lower Upper

112 100

64 56.4 46.8 70.2

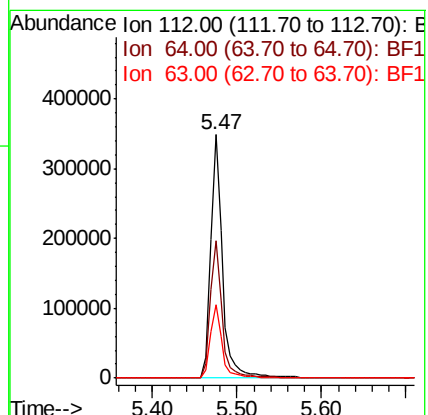
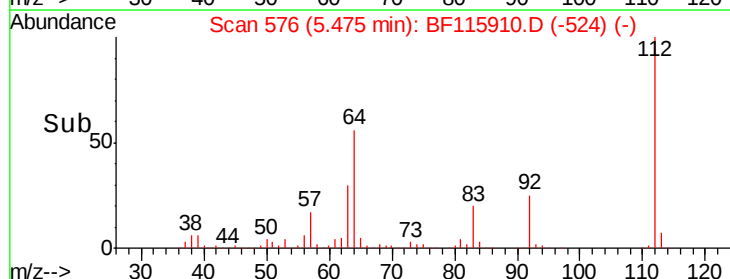
63 30.0 24.2 36.2

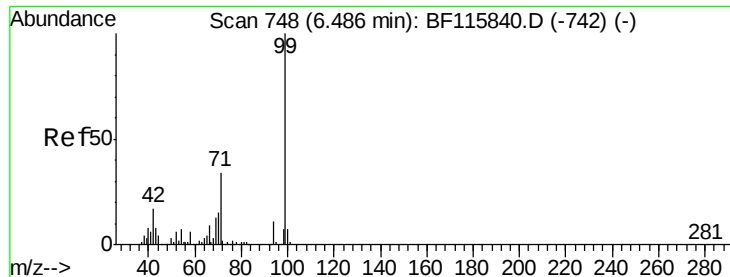


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 26.103 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF115910.D

Acq: 1 Aug 2019 17:02

Instrument :

BNA_F

ClientSampleId :

TANK-4

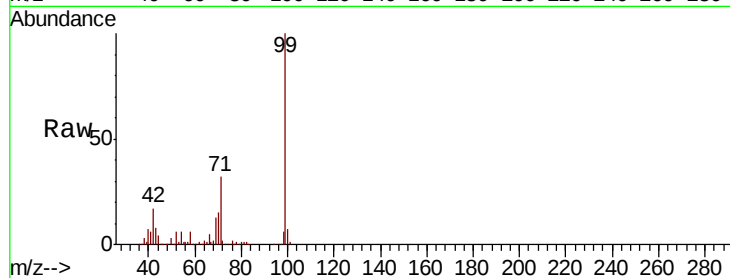
Tot Ion: 99 Resp: 261313

Ion Ratio Lower Upper

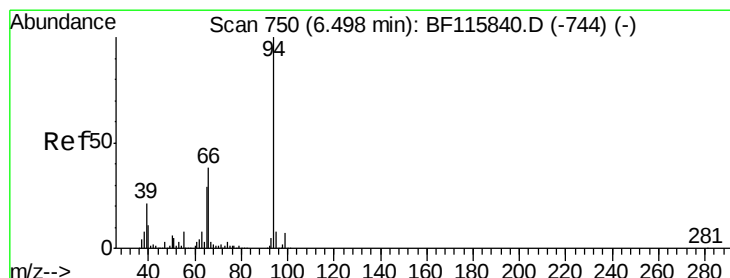
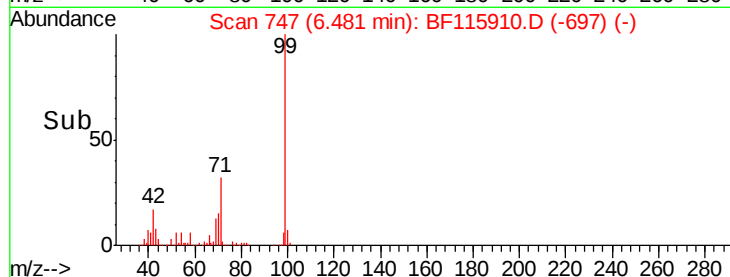
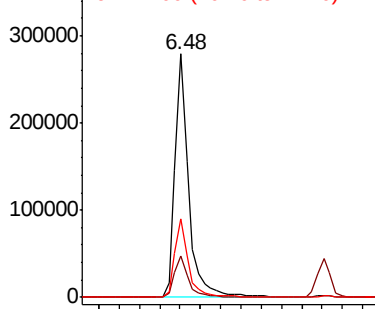
99 100

42 16.9 13.8 20.6

71 32.4 27.1 40.7



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: 3.629 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115910.D

Acq: 1 Aug 2019 17:02

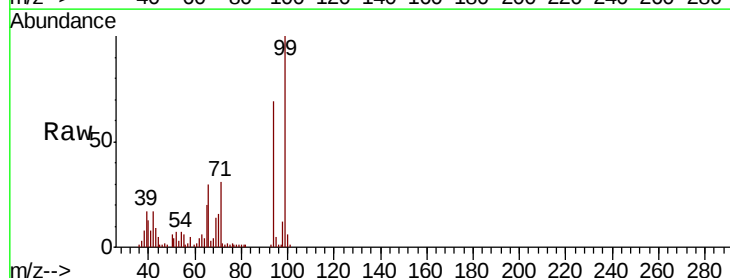
Tgt Ion: 94 Resp: 42779

Ion Ratio Lower Upper

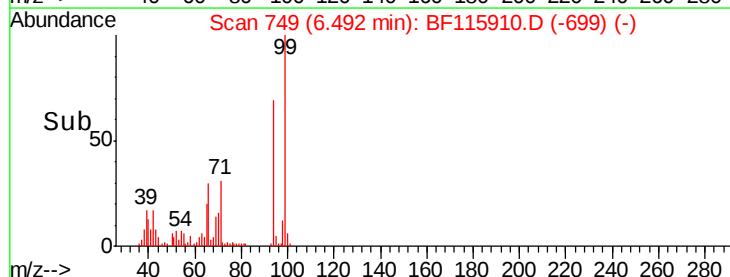
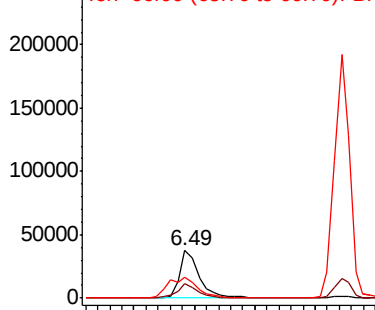
94 100

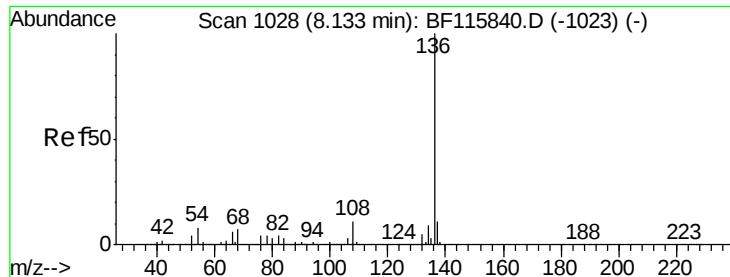
65 29.9 8.9 48.9

66 44.3 18.0 58.0



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: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115910.D

Acq: 1 Aug 2019 17:02

Instrument :

BNA_F

ClientSampleId :

TANK-4

Tot Ion:136 Resp: 489961

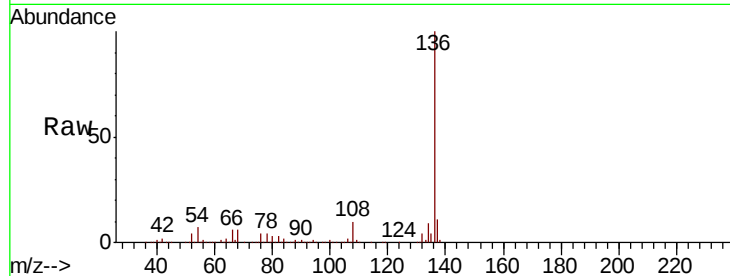
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.8 6.1 9.1

68 6.0 5.4 8.2

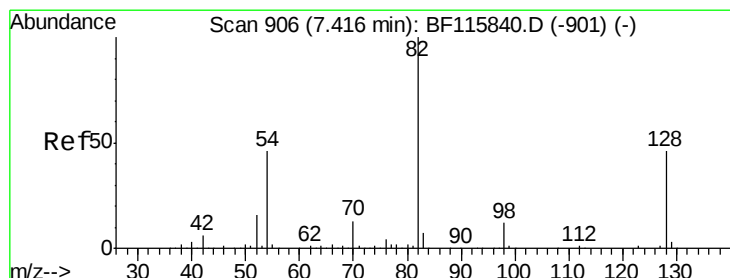
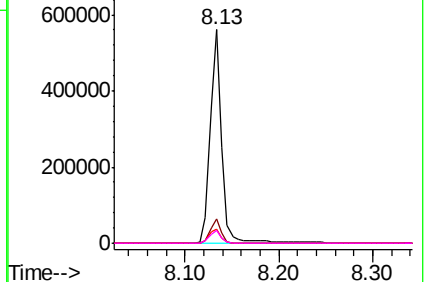
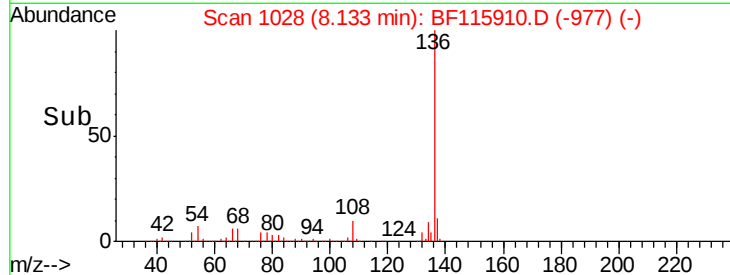


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.802 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115910.D

Acq: 1 Aug 2019 17:02

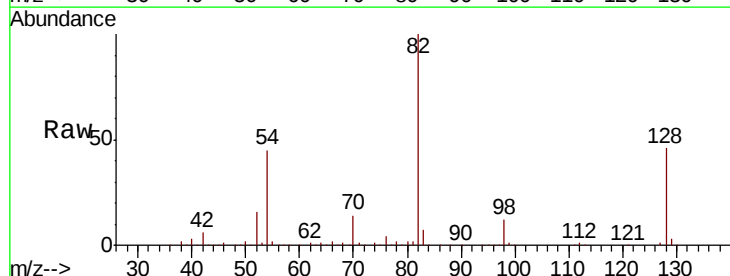
Tgt Ion: 82 Resp: 838646

Ion Ratio Lower Upper

82 100

128 46.5 36.6 55.0

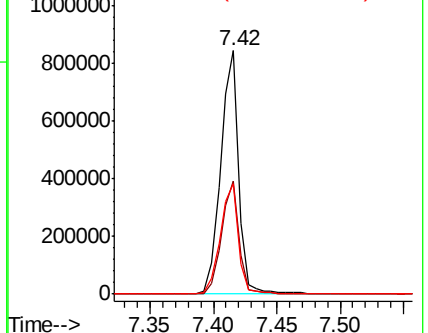
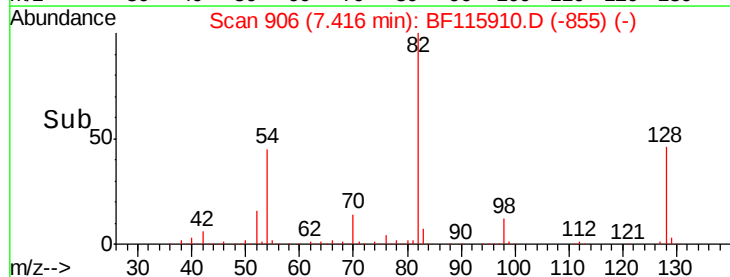
54 45.2 36.6 55.0

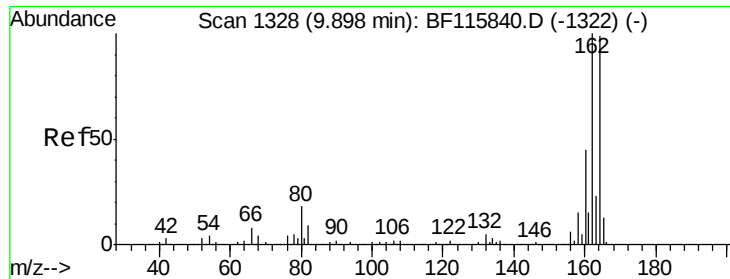


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

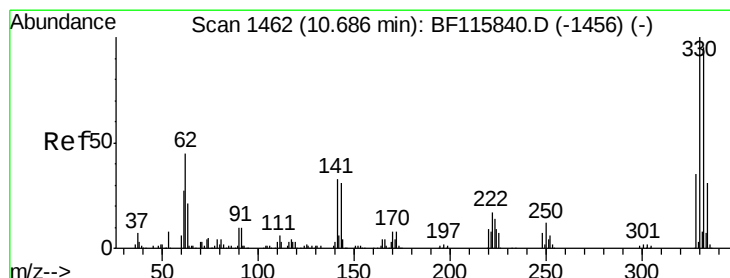
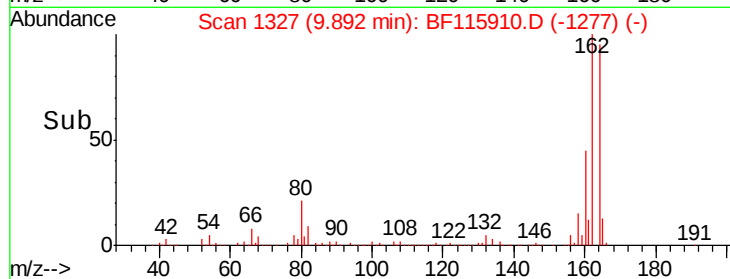
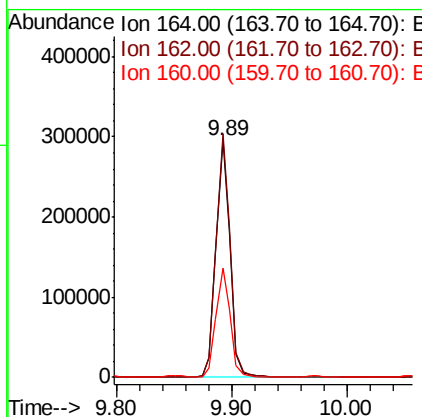
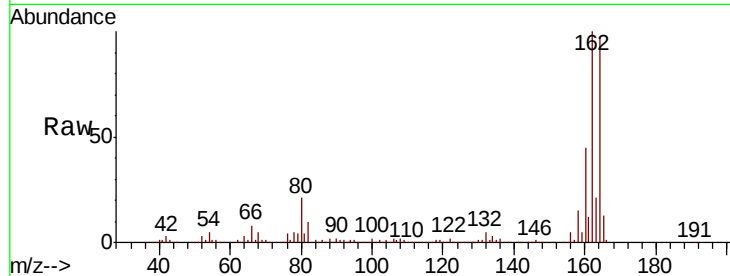




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF115910.D
 Acq: 1 Aug 2019 17:02

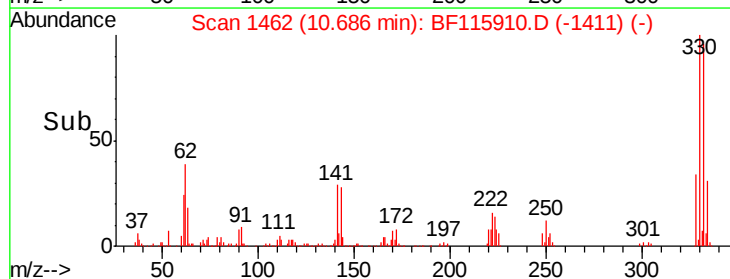
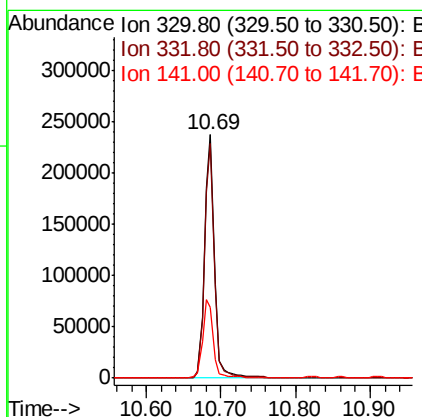
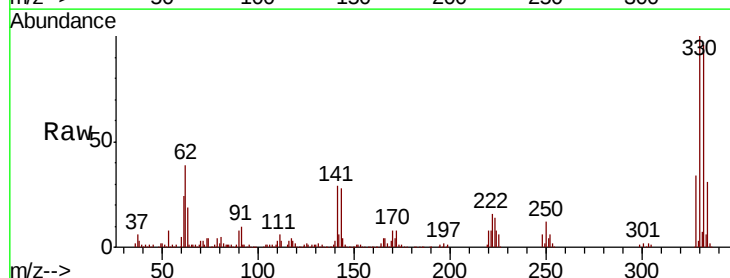
Instrument :
 BNA_F
 ClientSampleId :
 TANK-4

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.8	121.2
160	46.2	36.2	54.4



#42
 2,4,6-Tribromophenol
 Concen: 92.258 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115910.D
 Acq: 1 Aug 2019 17:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	34.6	28.1	42.1

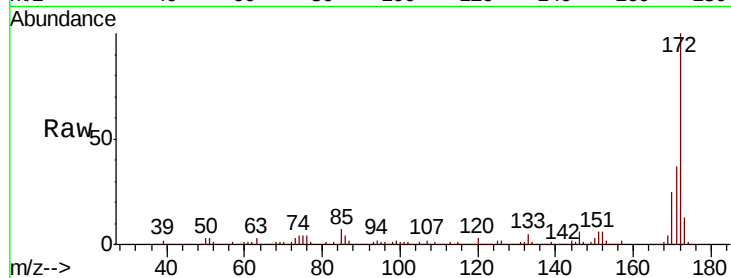




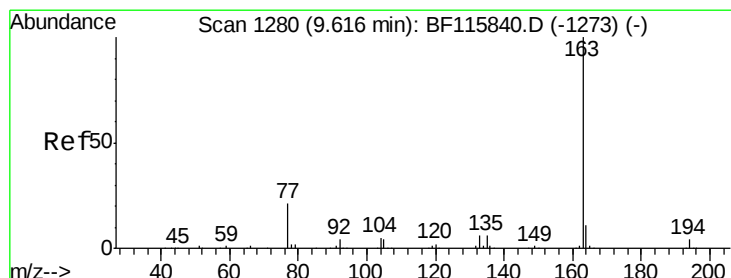
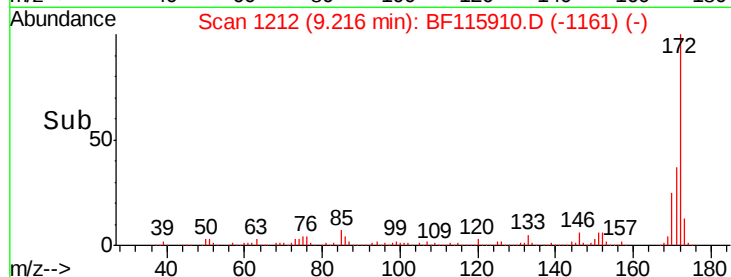
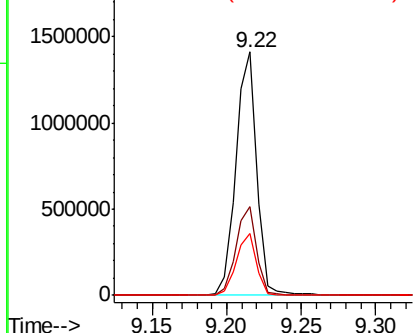
#45
2-Fluorobiphenyl
Concen: 104.019 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TANK-4

Tot Ion:172 Resp: 1386006
Ion Ratio Lower Upper
172 100
171 36.6 29.1 43.7
170 25.2 20.1 30.1

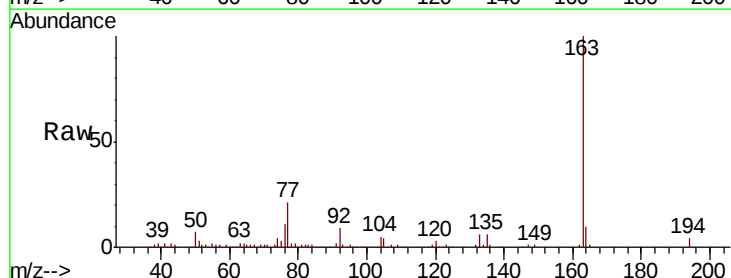


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

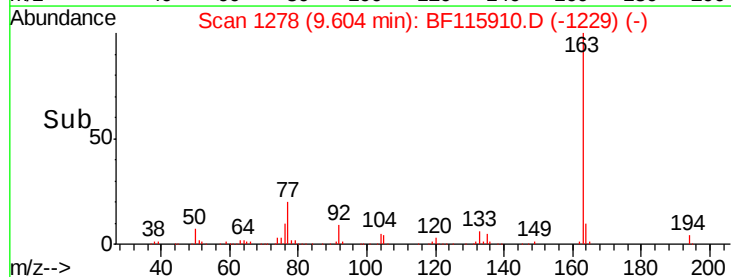
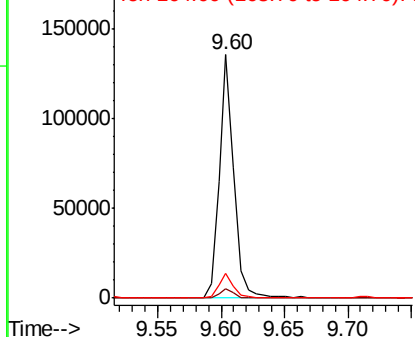


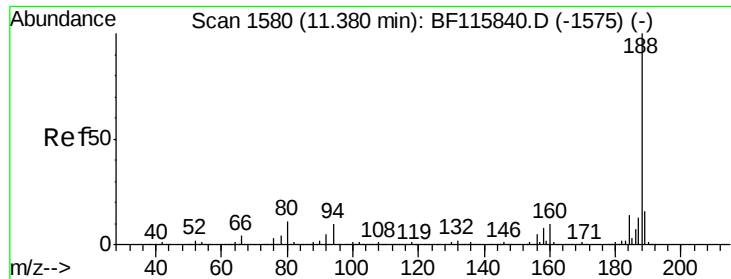
#50
Dimethylphthalate
Concen: 6.481 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Tgt Ion:163 Resp: 110129
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 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

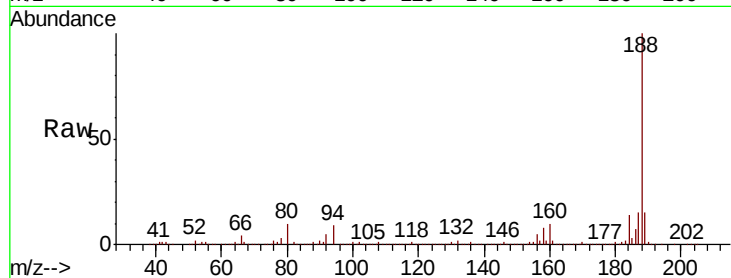




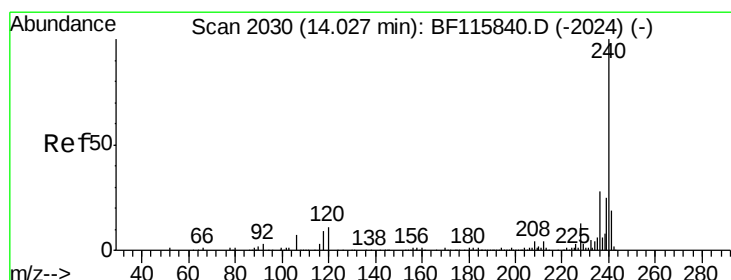
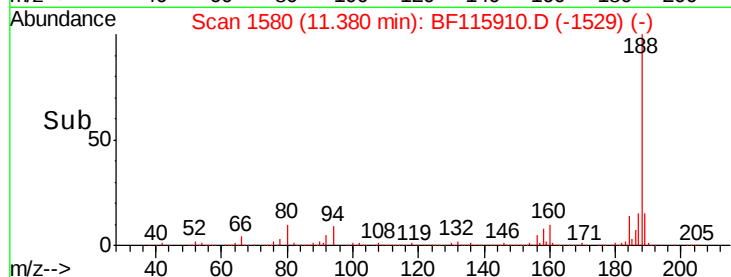
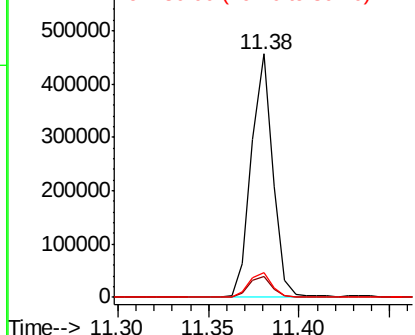
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Instrument :
BNA_F
ClientSampleId :
TANK-4

Tot Ion:188 Resp: 379260
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 10.0 8.6 12.8

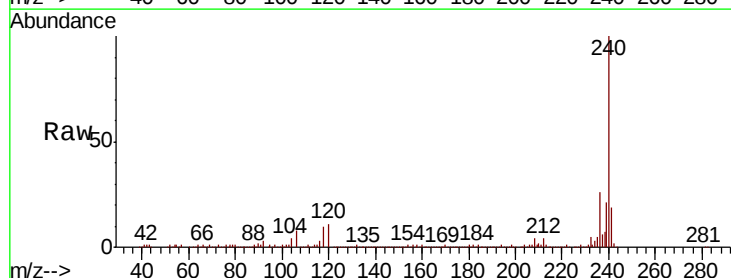


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

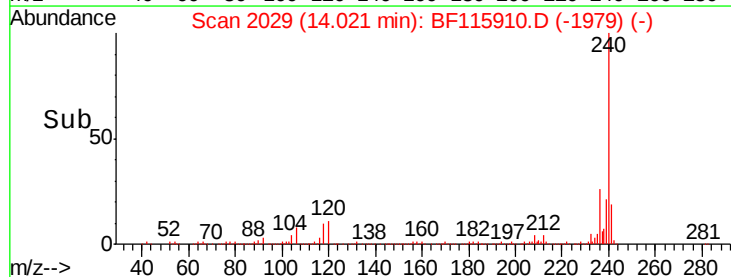
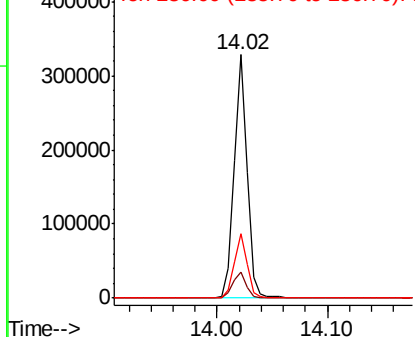


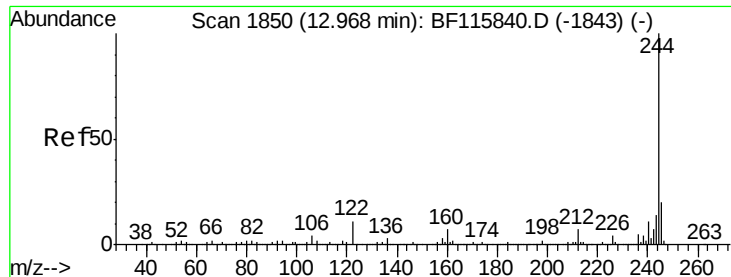
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF115910.D
Acq: 1 Aug 2019 17:02

Tgt Ion:240 Resp: 273455
Ion Ratio Lower Upper
240 100
120 10.9 8.5 12.7
236 26.4 22.2 33.2



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: 84.383 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115910.D

Acq: 1 Aug 2019 17:02

Instrument :

BNA_F

ClientSampled :

TANK-4

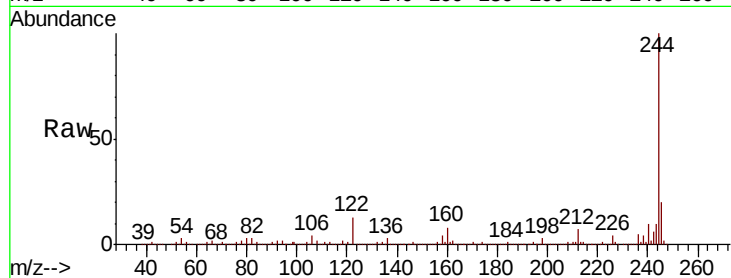
Tot Ion:244 Resp: 1095073

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

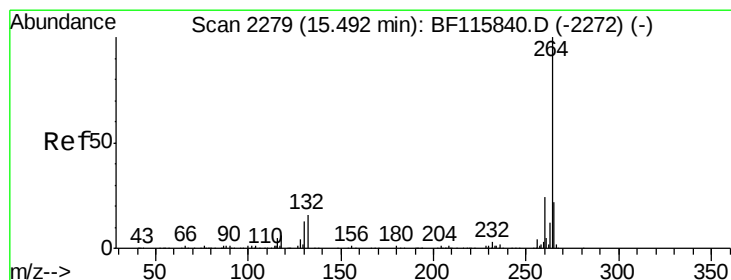
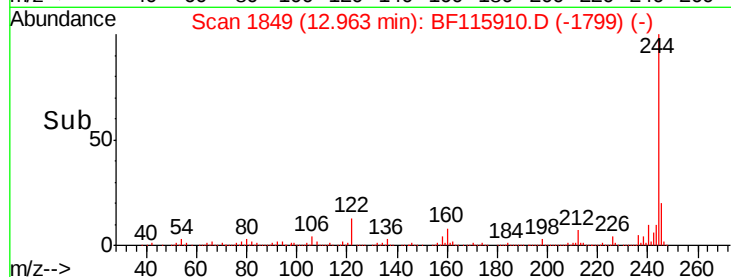
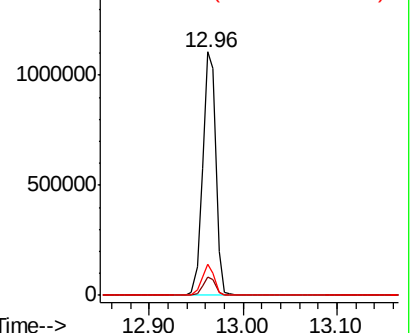
122 12.9 8.6 13.0



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# 2279

Delta R.T. 0.00 min

Lab File: BF115910.D

Acq: 1 Aug 2019 17:02

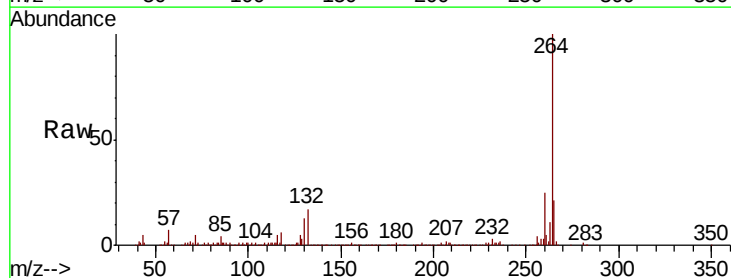
Tgt Ion:264 Resp: 331860

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.4 17.5 26.3



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

