

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052919\
 Data File : BF114644.D
 Acq On : 29 May 2019 20:30
 Operator : HP/JU
 Sample : K3068-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4W(3-4)

Quant Time: May 30 04:39:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

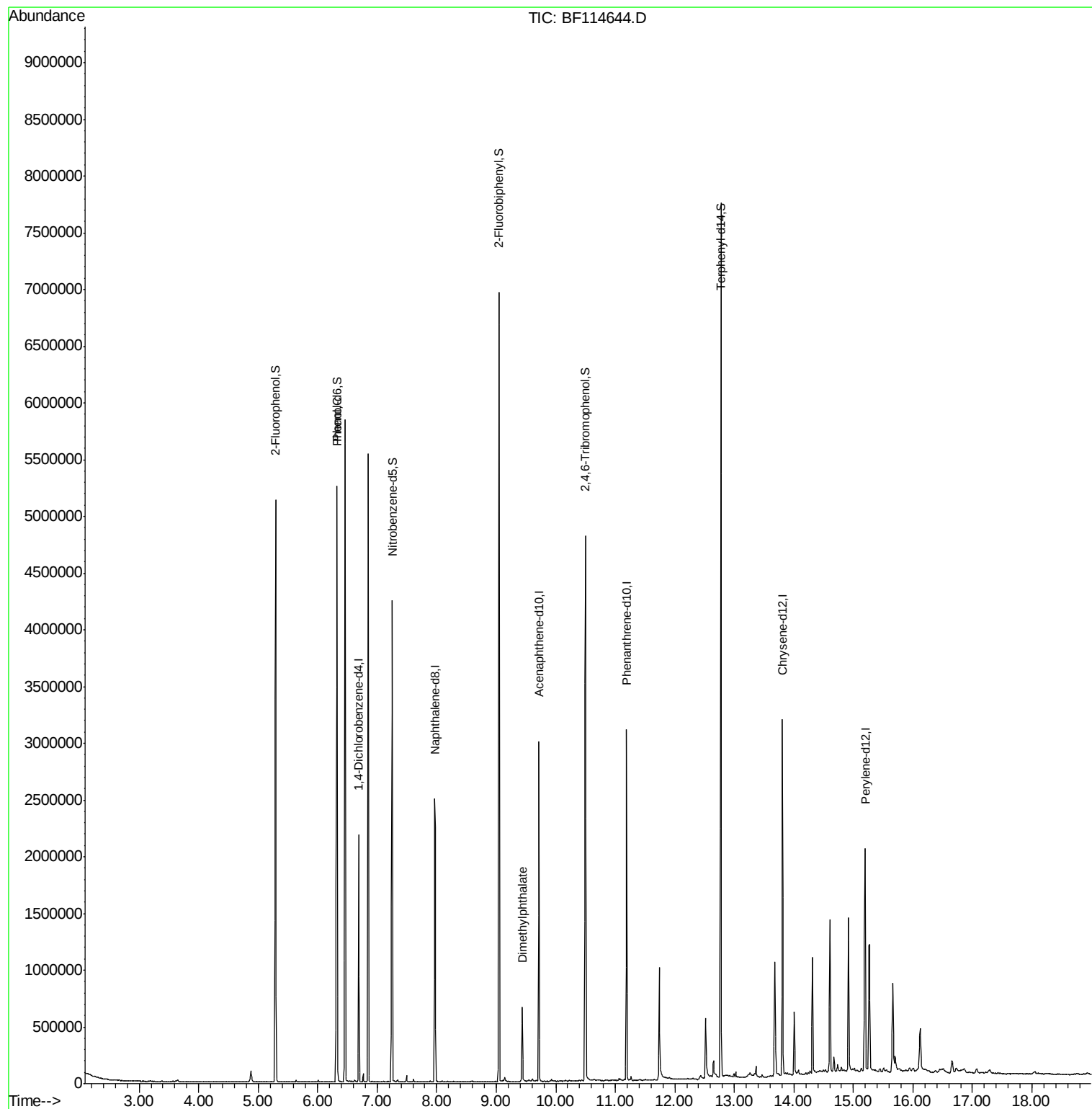
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	290250	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1115961	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	555358	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1126158	20.00	ng	0.00
76) Chrysene-d12	13.81	240	938923	20.00	ng	0.00
87) Perylene-d12	15.20	264	865184	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1705800	103.18	ng	0.00
7) Phenol-d6	6.33	99	2112538	106.04	ng	0.00
23) Nitrobenzene-d5	7.25	82	1278760	71.49	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	591396	111.76	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	2272343	74.97	ng	0.00
79) Terphenyl-d14	12.77	244	2707760	54.22	ng	0.00
Target Compounds						
10) Phenol	6.33	94	66264	2.753	ng	92
50) Dimethylphthalate	9.44	163	244841	6.327	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF114644.D

Acq: 29 May 2019 20:30

Instrument :

BNA_F

ClientSampleId :

B-4W(3-4)

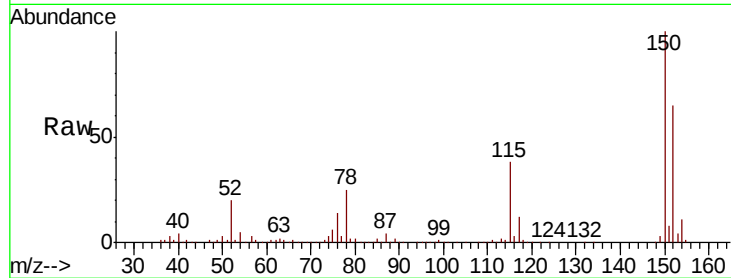
Tot Ion:152 Resp: 290250

Ion Ratio Lower Upper

152 100

150 154.1 124.4 186.6

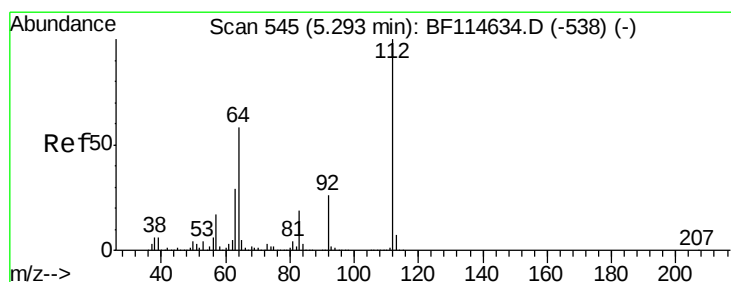
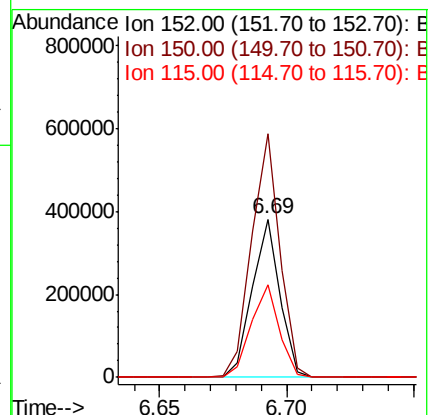
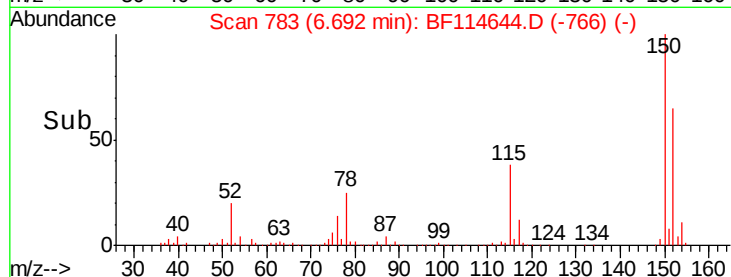
115 58.8 48.7 73.1



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: 103.183 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF114644.D

Acq: 29 May 2019 20:30

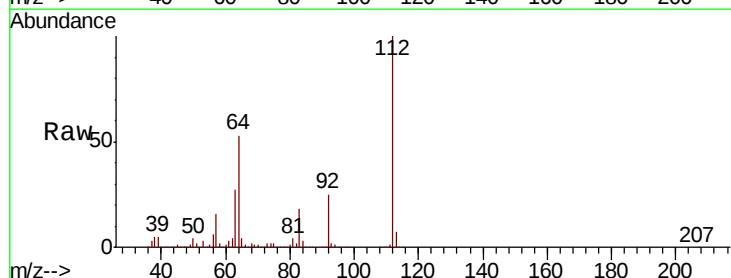
Tgt Ion:112 Resp: 1705800

Ion Ratio Lower Upper

112 100

64 52.6 46.1 69.1

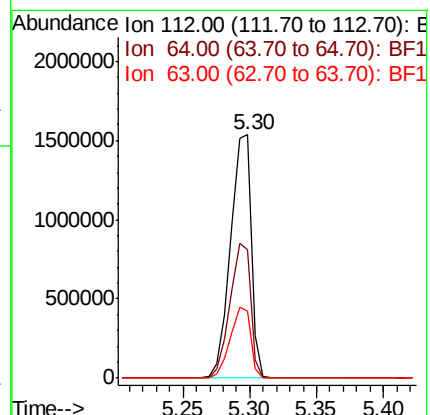
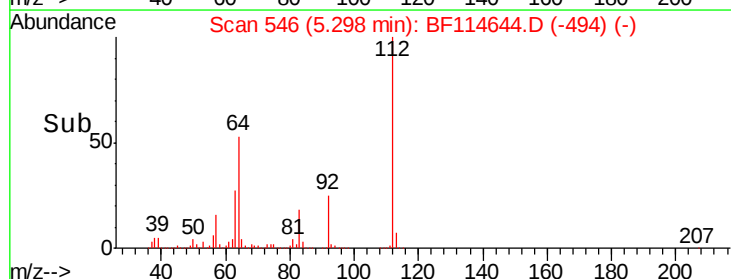
63 27.4 23.4 35.2

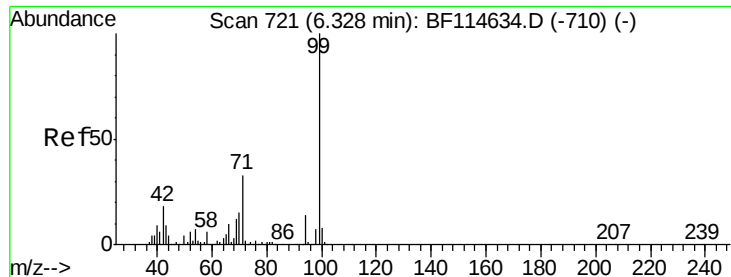


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 106.044 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF114644.D

Acq: 29 May 2019 20:30

Instrument :

BNA_F

ClientSampleId :

B-4W(3-4)

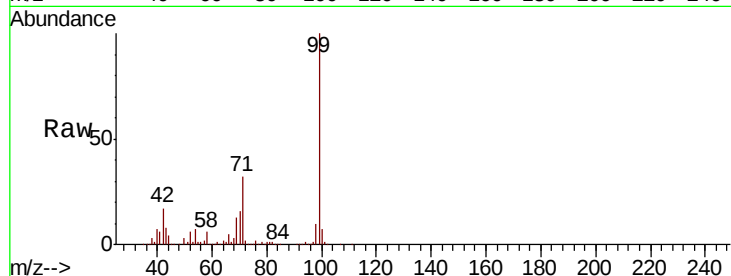
Tot Ion: 99 Resp: 2112538

Ion Ratio Lower Upper

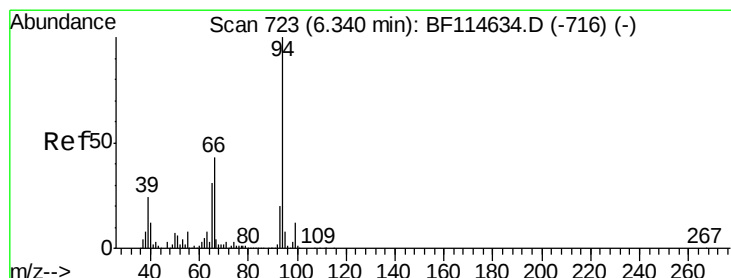
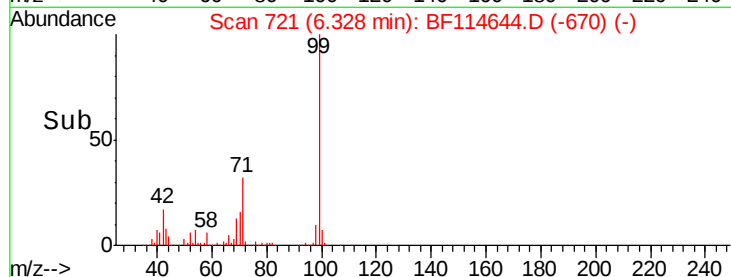
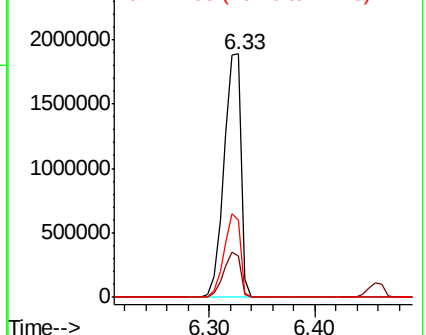
99 100

42 16.8 14.7 22.1

71 31.9 26.6 40.0



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: 2.753 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF114644.D

Acq: 29 May 2019 20:30

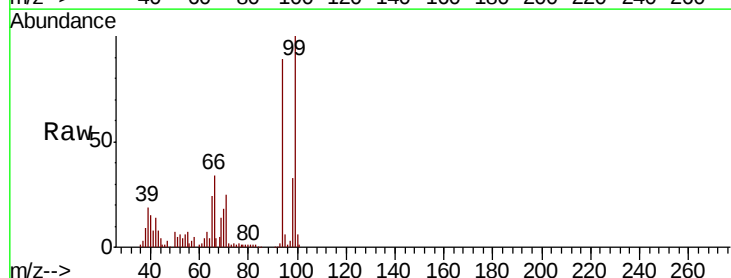
Tgt Ion: 94 Resp: 66264

Ion Ratio Lower Upper

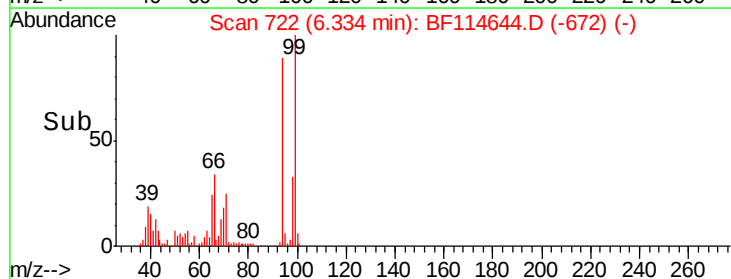
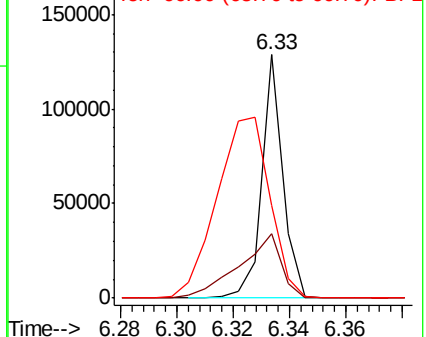
94 100

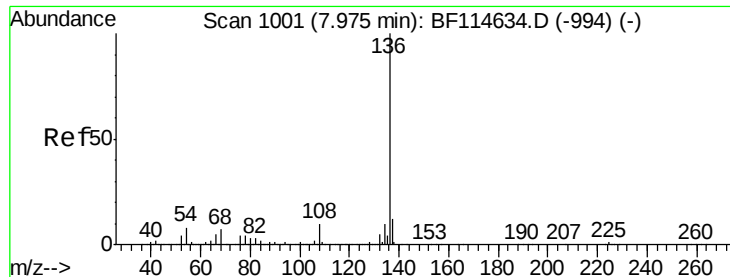
65 26.5 11.0 51.0

66 38.1 23.0 63.0



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

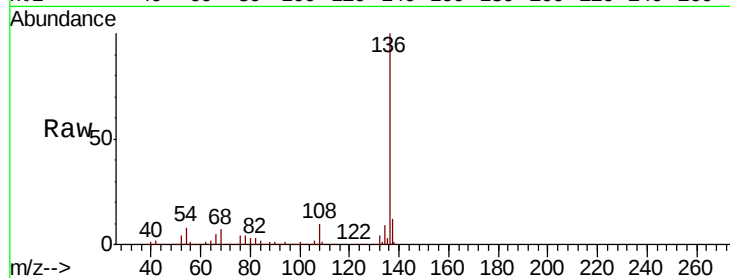




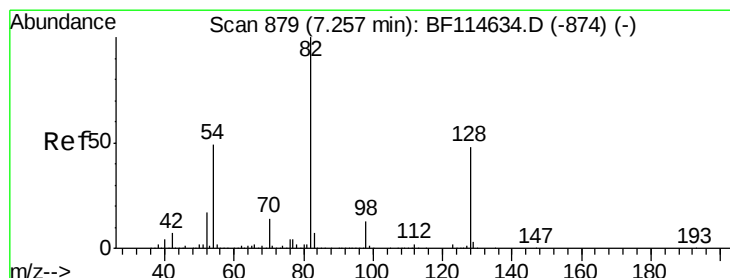
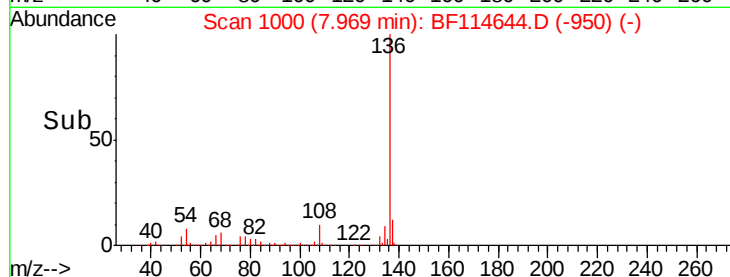
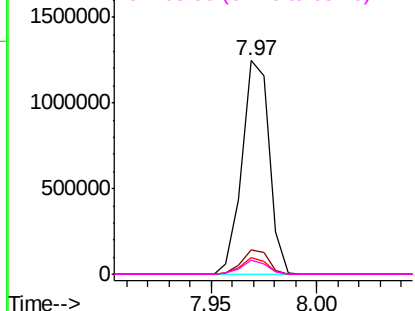
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF114644.D
Acq: 29 May 2019 20:30

Instrument :
BNA_F
ClientSampleId :
B-4W(3-4)

Tot Ion:136	Resp: 1115961
Ion Ratio	Lower Upper
136 100	
137 11.6	9.3 13.9
54 7.9	6.3 9.5
68 6.5	5.4 8.0

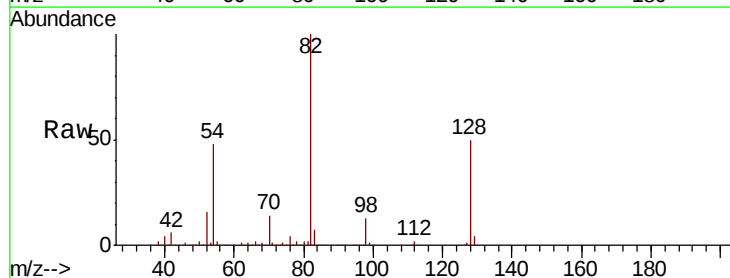


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

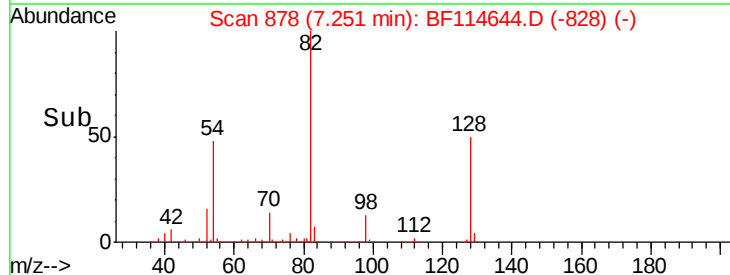
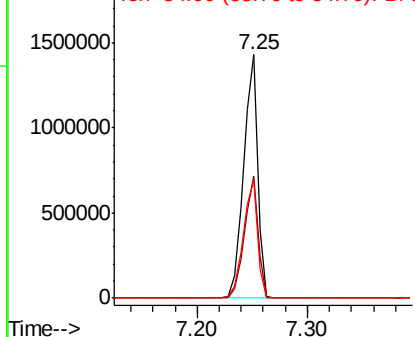


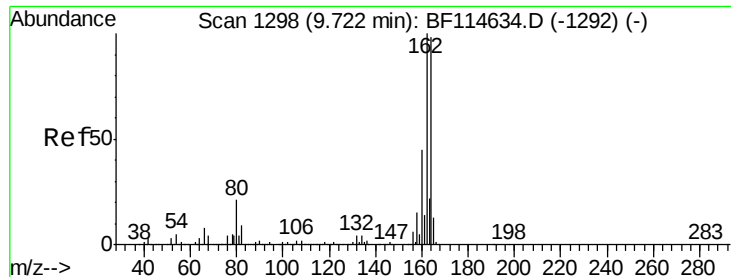
#23
Nitrobenzene-d5
Concen: 71.491 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114644.D
Acq: 29 May 2019 20:30

Tgt Ion: 82	Resp: 1278760
Ion Ratio	Lower Upper
82 100	
128 49.9	38.5 57.7
54 48.4	39.1 58.7



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

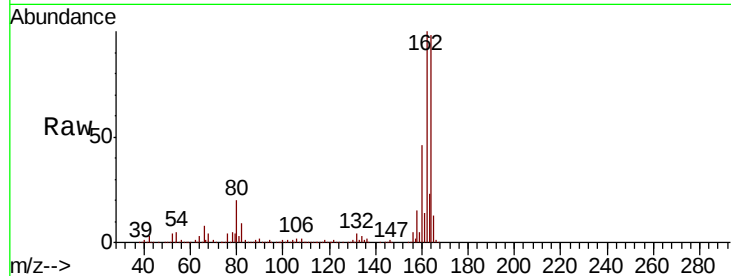




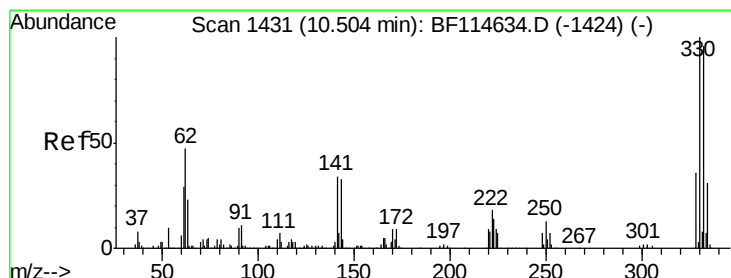
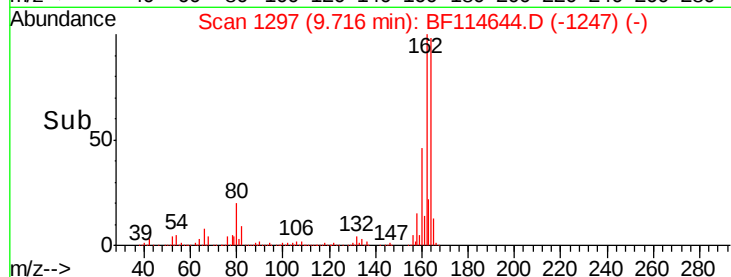
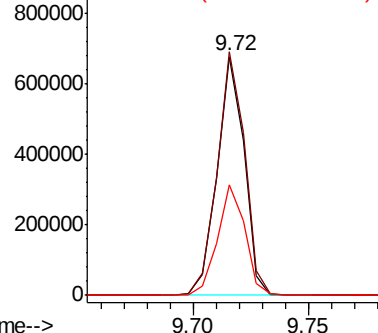
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF114644.D
Acq: 29 May 2019 20:30

Instrument :
BNA_F
ClientSampleId :
B-4W(3-4)

Tot Ion:	164	Resp:	555358
Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.4	122.2
160	46.5	36.6	54.8

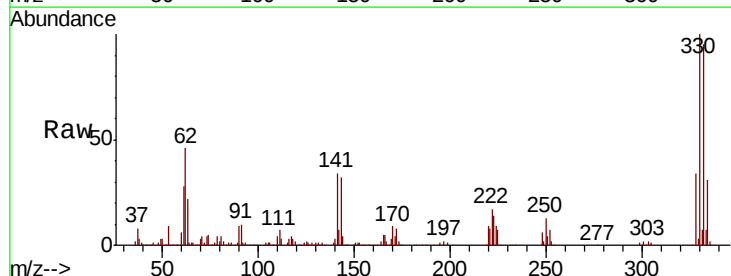


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

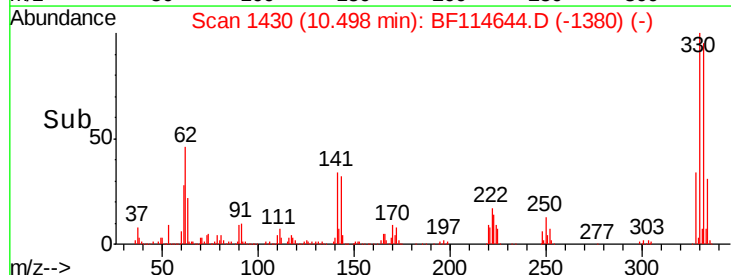
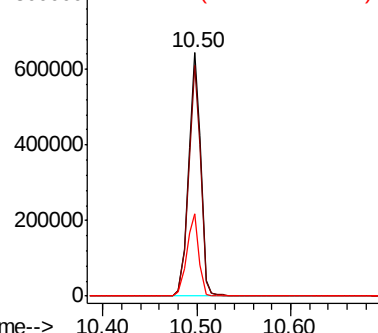


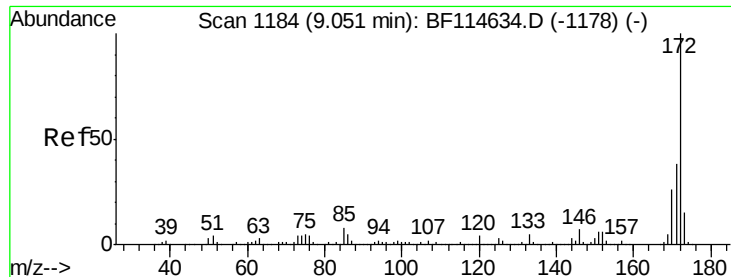
#42
2,4,6-Tribromophenol
Concen: 111.759 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF114644.D
Acq: 29 May 2019 20:30

Tgt Ion:	330	Resp:	591396
Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.8	113.8
141	33.8	27.8	41.8



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

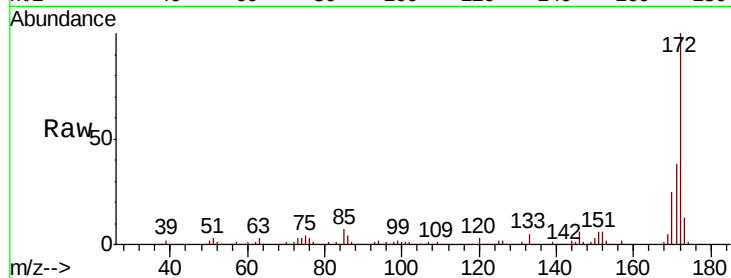




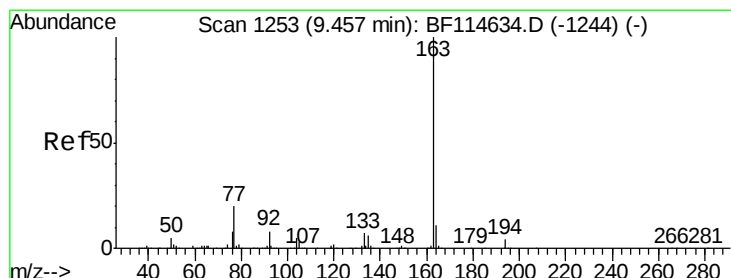
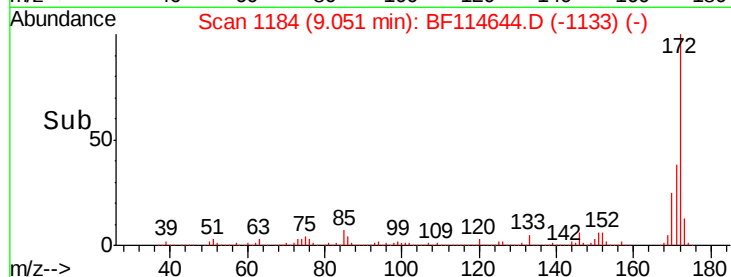
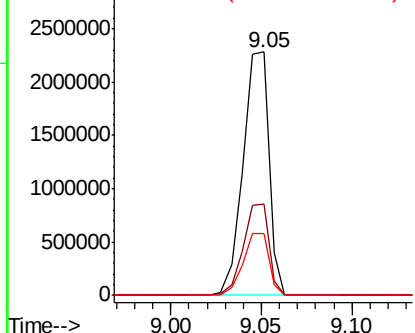
#45
2-Fluorobiphenyl
Concen: 74.974 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF114644.D
Acq: 29 May 2019 20:30

Instrument :
BNA_F
ClientSampleId :
B-4W(3-4)

Tot Ion:172 Resp: 2272343
Ion Ratio Lower Upper
172 100
171 37.6 30.6 45.8
170 25.2 20.7 31.1

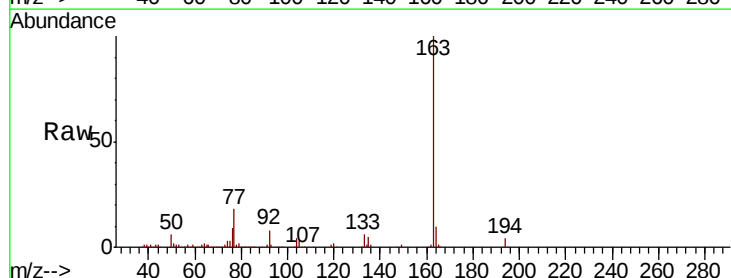


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

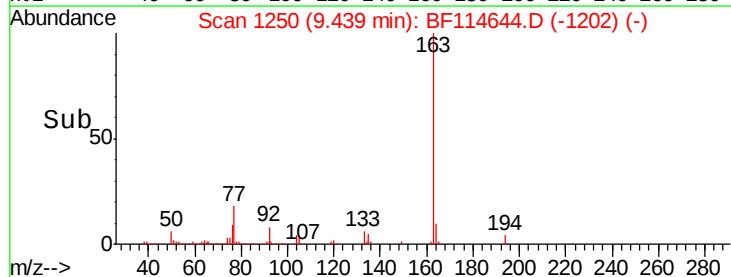
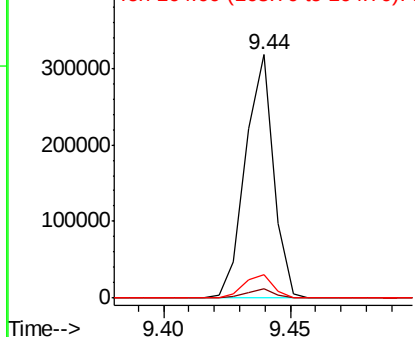


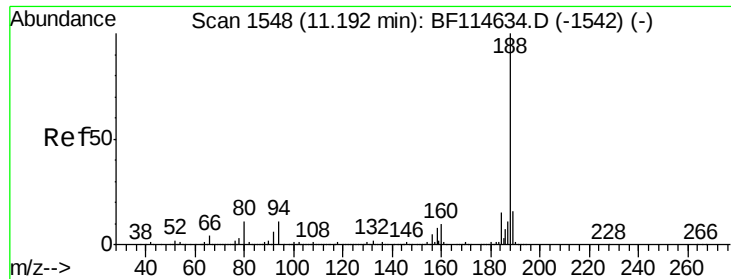
#50
Dimethylphthalate
Concen: 6.327 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF114644.D
Acq: 29 May 2019 20:30

Tgt Ion:163 Resp: 244841
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.8 8.6 13.0



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

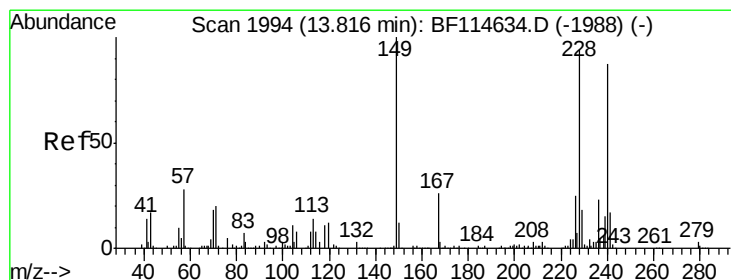
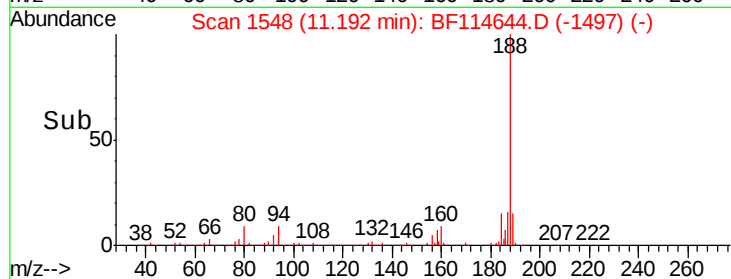
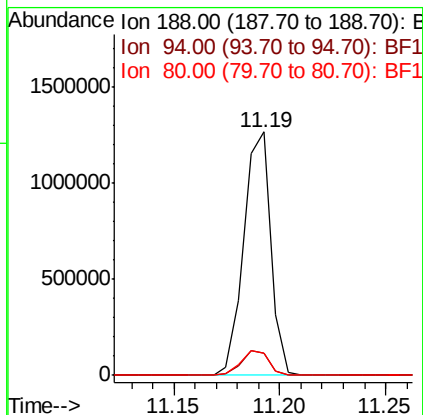
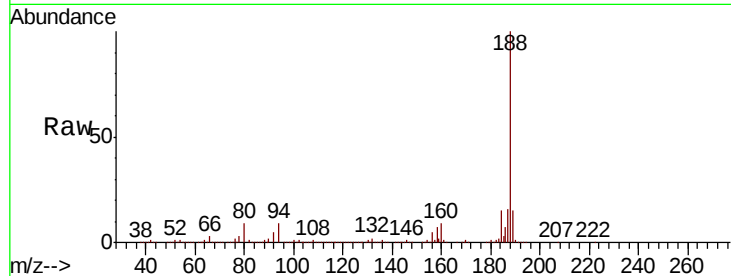




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF114644.D
Acq: 29 May 2019 20:30

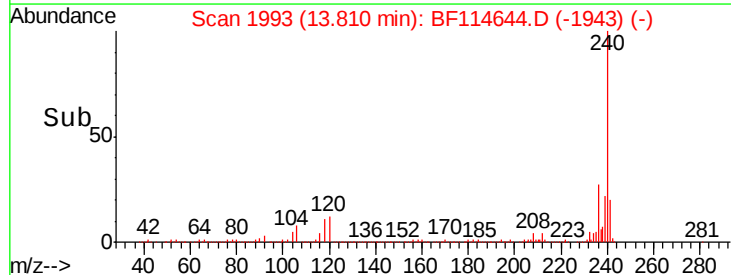
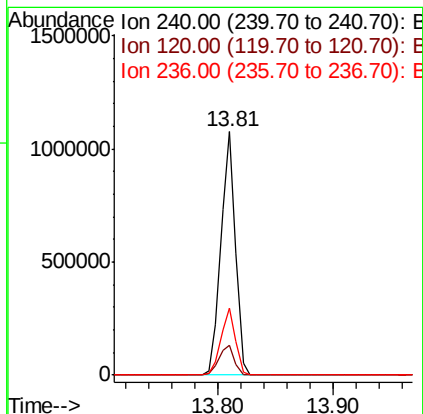
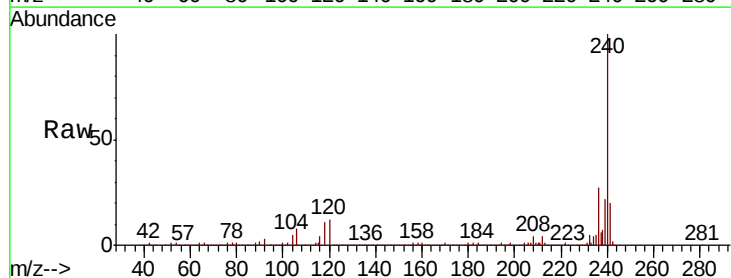
Instrument :
BNA_F
ClientSampleId :
B-4W(3-4)

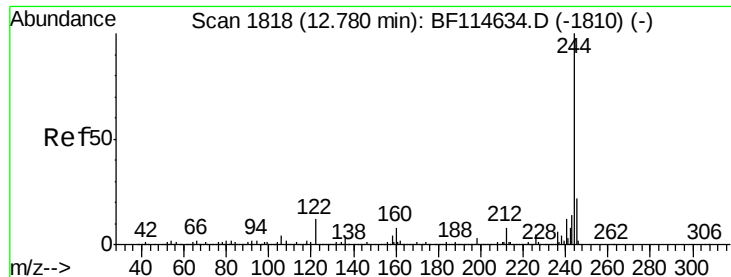
Tot Ion:188 Resp: 1126158
Ion Ratio Lower Upper
188 100
94 9.1 8.6 13.0
80 9.3 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114644.D
Acq: 29 May 2019 20:30

Tgt Ion:240 Resp: 938923
Ion Ratio Lower Upper
240 100
120 12.5 11.2 16.8
236 27.5 21.2 31.8





#79

Terphenyl-d14

Concen: 54.222 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF114644.D

Acq: 29 May 2019 20:30

Instrument :

BNA_F

ClientSampleId :

B-4W(3-4)

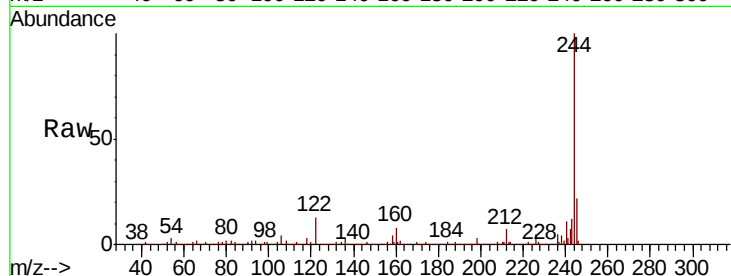
Tot Ion:244 Resp: 2707760

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

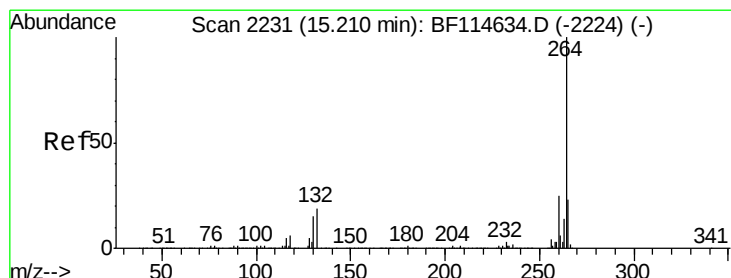
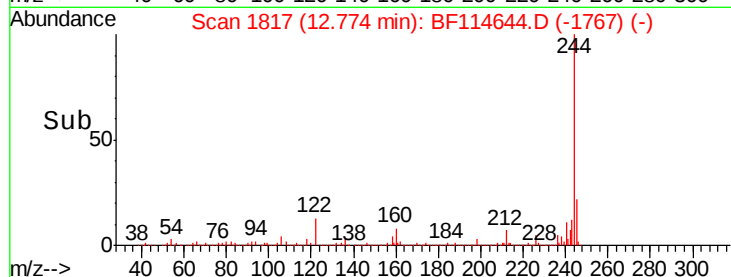
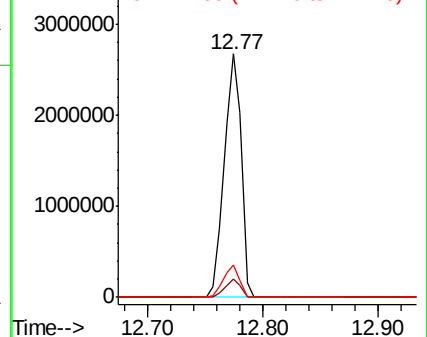
122 13.1 9.8 14.8



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: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114644.D

Acq: 29 May 2019 20:30

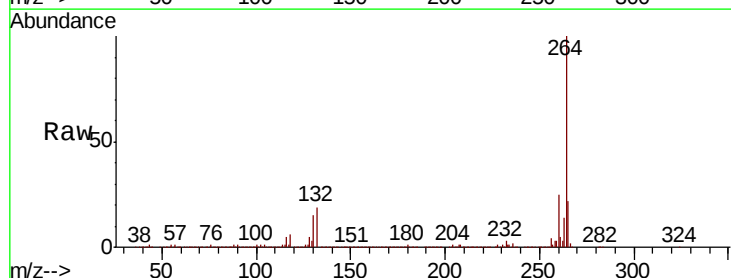
Tgt Ion:264 Resp: 865184

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 21.6 18.1 27.1



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

