

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117313.D
 Acq On : 2 Oct 2019 21:23
 Operator : JU
 Sample : K5095-04 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:33:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

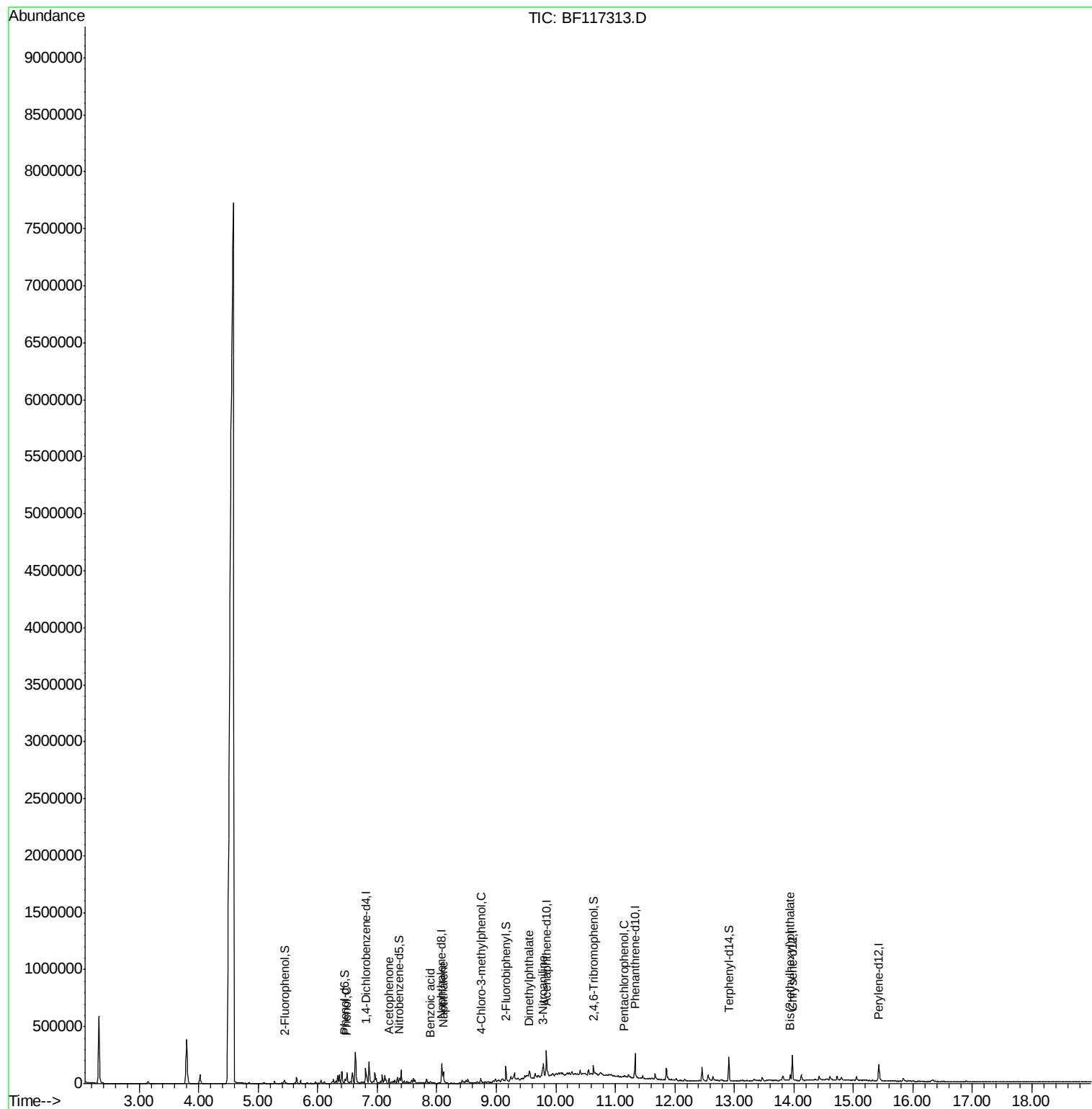
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	22346	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	96631	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	49504	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	86239	20.00	ng	0.00
76) Chrysene-d12	13.97	240	65075	20.00	ng	0.00
87) Perylene-d12	15.43	264	59772	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	18902	13.21	ng	0.00
7) Phenol-d6	6.46	99	17488	9.45	ng	0.00
23) Nitrobenzene-d5	7.37	82	23250	12.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	10605	25.63	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	49389	15.60	ng	-0.01
79) Terphenyl-d14	12.91	244	63332	18.19	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	3382	Below Cal	Qvalue	# 1
10) Phenol	6.47	94	5565	2.729 ng		97
22) Acetophenone	7.20	105	10176	4.145 ng	#	56
31) Naphthalene	8.11	128	20096	4.324 ng		96
32) Benzoic acid	7.89	122	2423	8.831 ng	#	51
36) 4-Chloro-3-methylphenol	8.74	107	10188	6.740 ng	#	22
50) Dimethylphthalate	9.56	163	16893	4.820 ng		99
53) 3-Nitroaniline	9.77	138	2227	2.473 ng	#	1
70) Pentachlorophenol	11.16	266	917	2.031 ng	#	75
84) Bis(2-ethylhexyl)phthalate	13.94	149	12898	3.877 ng	#	100

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

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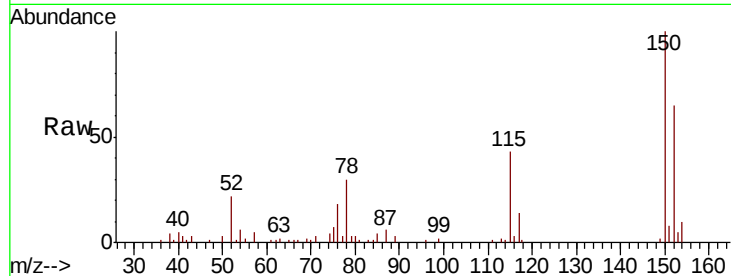


#1

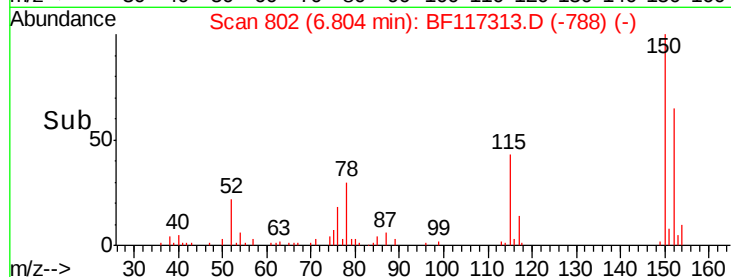
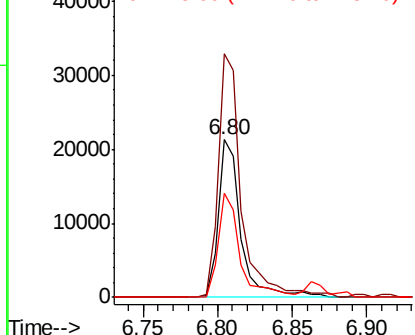
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117313.D
Acq: 2 Oct 2019 21:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 22346
Ion Ratio Lower Upper
152 100
150 154.5 127.5 191.3
115 66.0 55.0 82.4



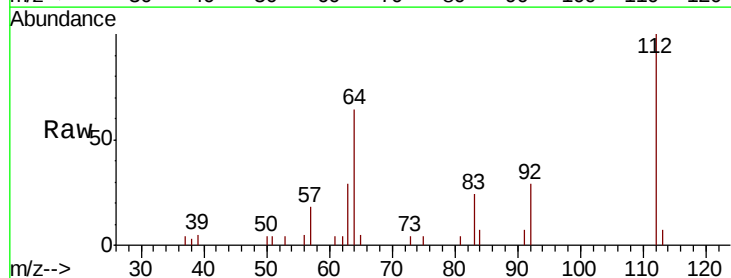
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



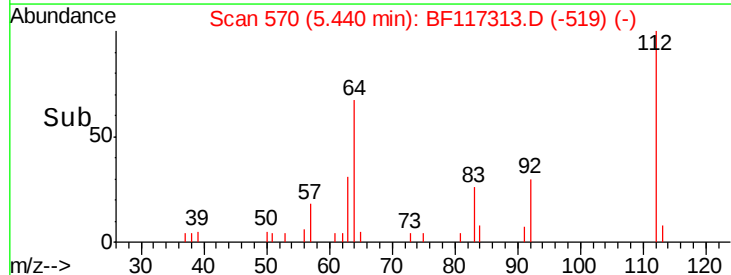
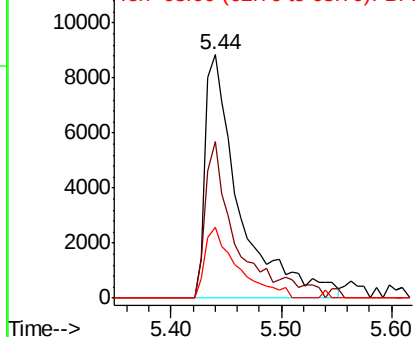
#5

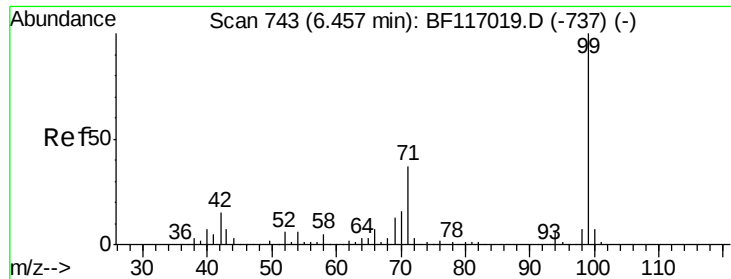
2-Fluorophenol
Concen: 13.206 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF117313.D
Acq: 2 Oct 2019 21:23

Tgt Ion:112 Resp: 18902
Ion Ratio Lower Upper
112 100
64 64.2 45.7 68.5
63 29.2 24.9 37.3



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: 9.454 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

Instrument :

BNA_F

ClientSampled :

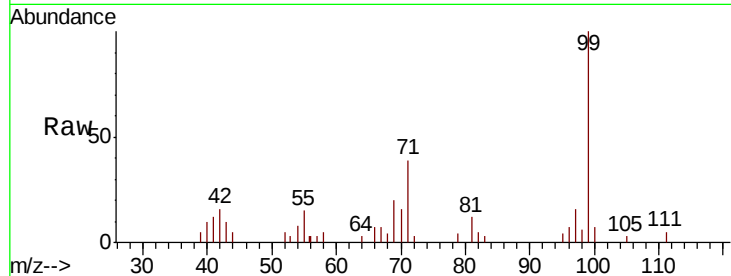
Tot Ion: 99 Resp: 17488

Ion Ratio Lower Upper

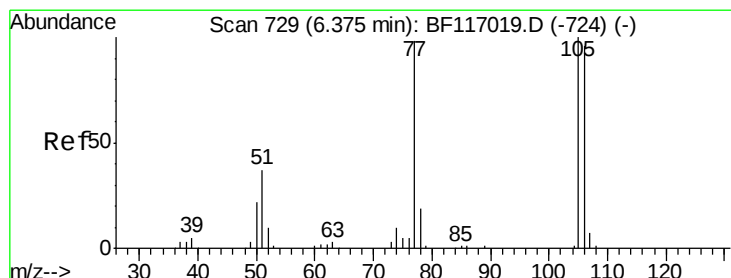
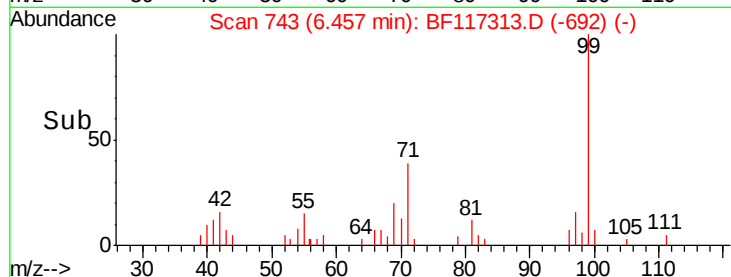
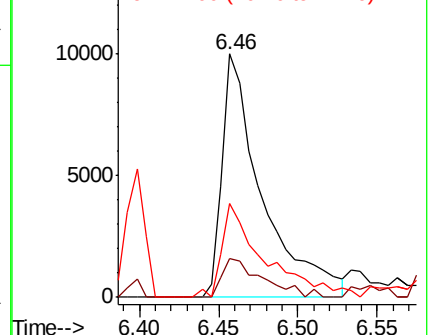
99 100

42 16.2 12.2 18.2

71 38.6 29.8 44.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

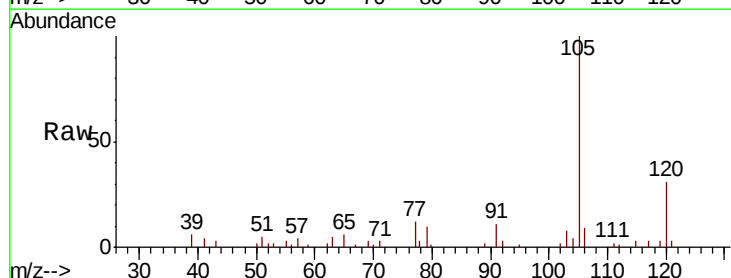
Tgt Ion: 77 Resp: 3382

Ion Ratio Lower Upper

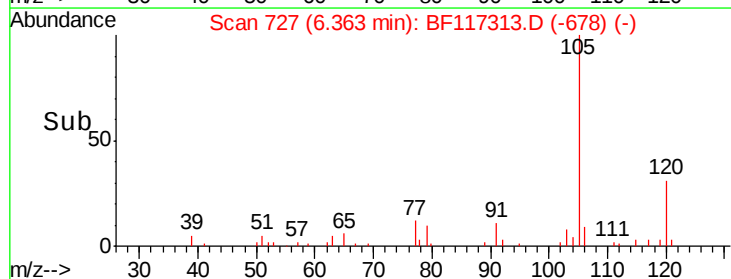
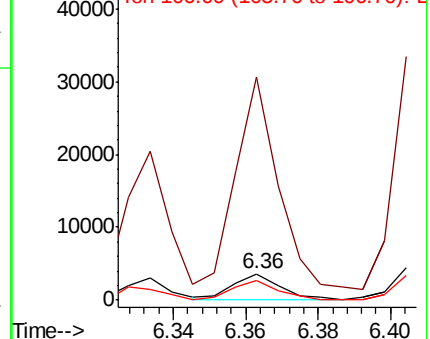
77 100

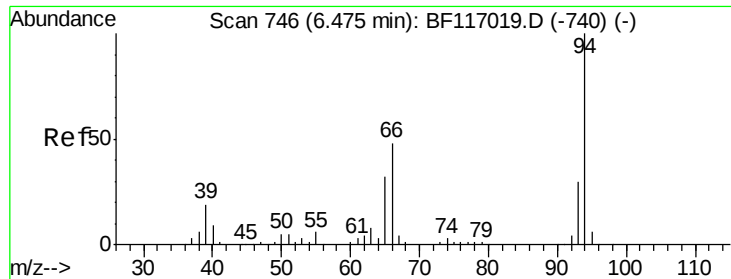
105 857.3 81.8 121.8#

106 74.1 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.729 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

Instrument :

BNA_F

ClientSampled :

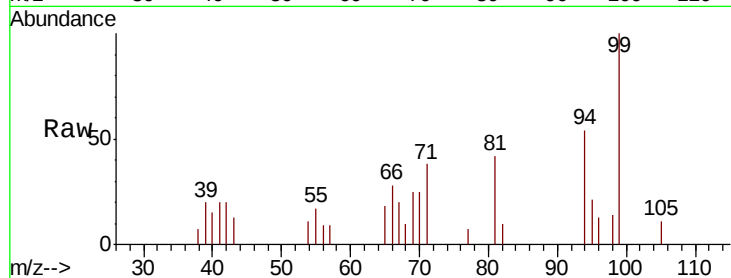
Tot Ion: 94 Resp: 5565

Ion Ratio Lower Upper

94 100

65 33.2 12.5 52.5

66 51.7 28.9 68.9

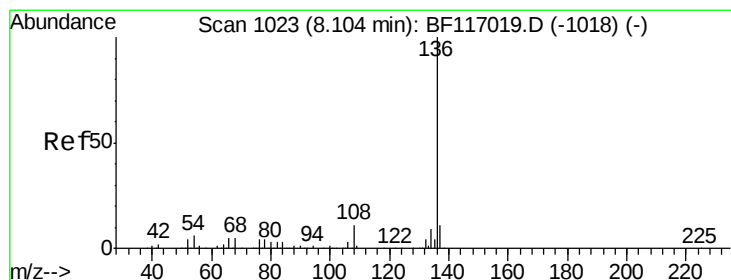
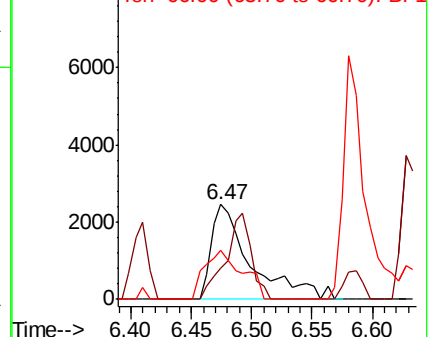
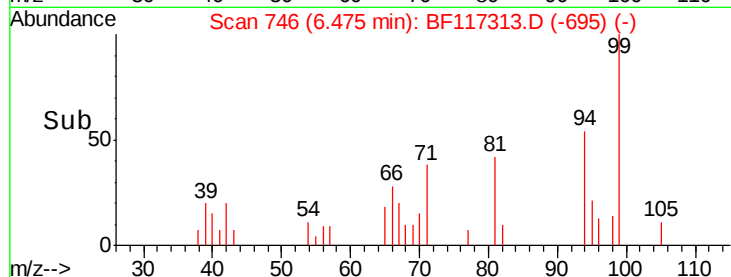


Abundance

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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

Tgt Ion: 136 Resp: 96631

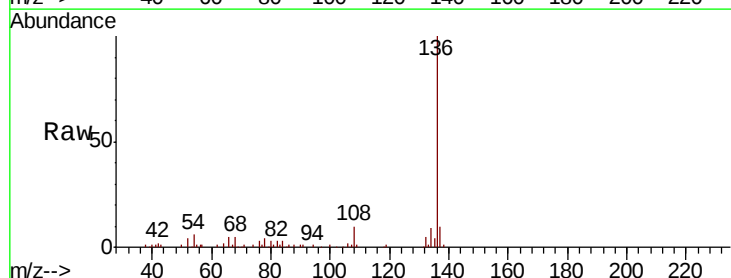
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 6.1 4.5 6.7

68 5.2 4.0 6.0



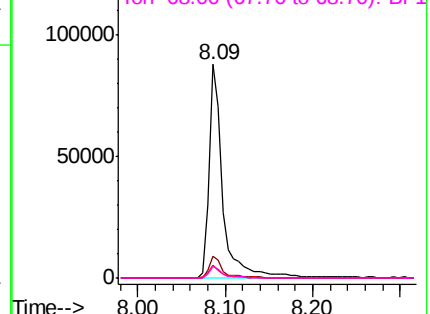
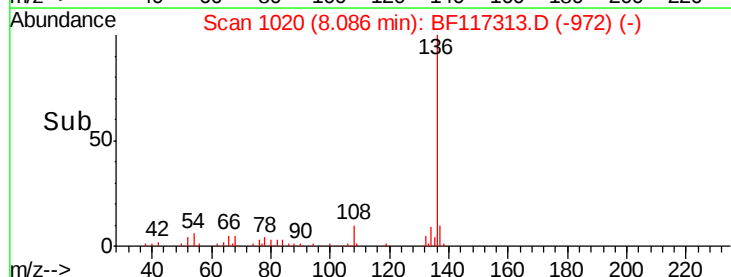
Abundance

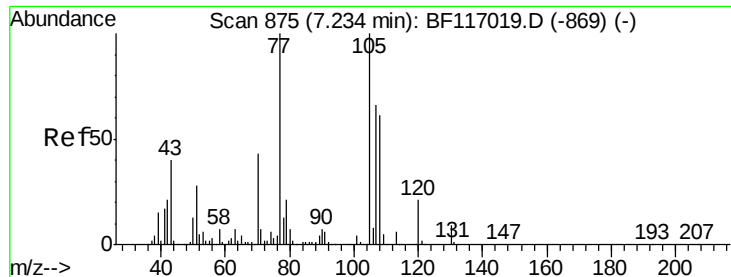
Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 4.145 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.04 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:105 Resp: 10176

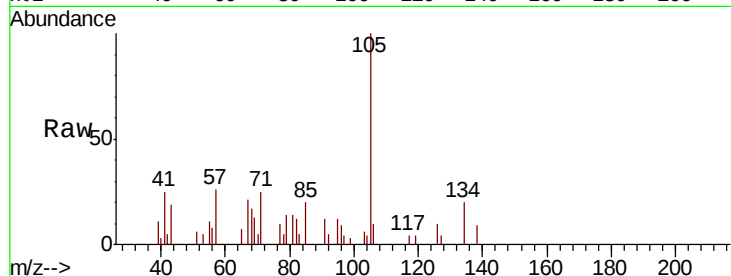
Ion Ratio Lower Upper

105 100

71 24.9 5.7 8.5#

51 5.7 22.1 33.1#

120 0.0 17.1 25.7#

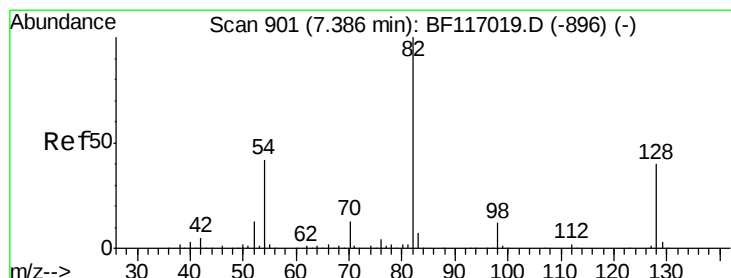
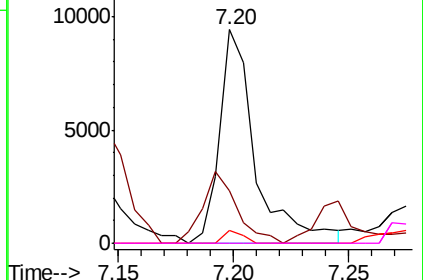
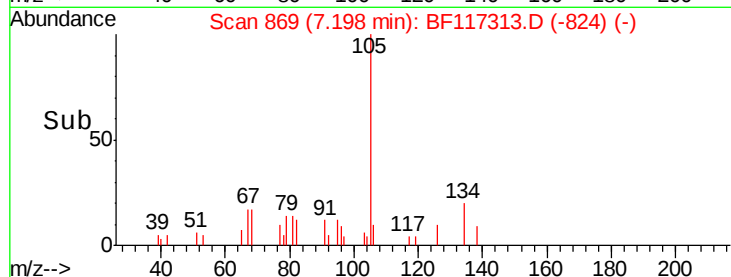


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 12.642 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

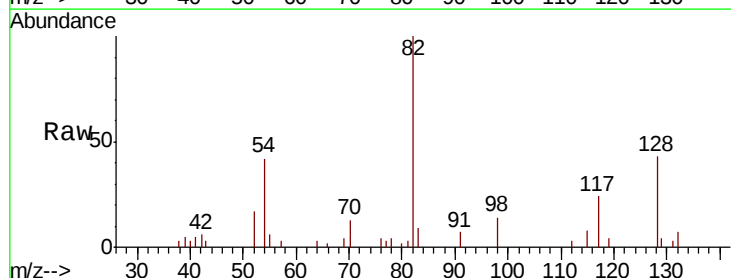
Tgt Ion: 82 Resp: 23250

Ion Ratio Lower Upper

82 100

128 42.6 32.3 48.5

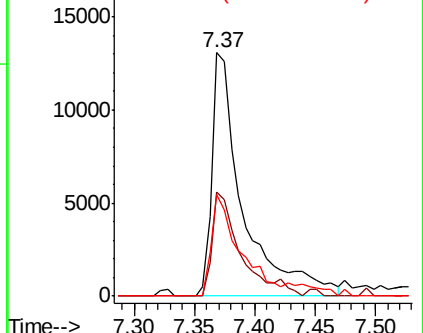
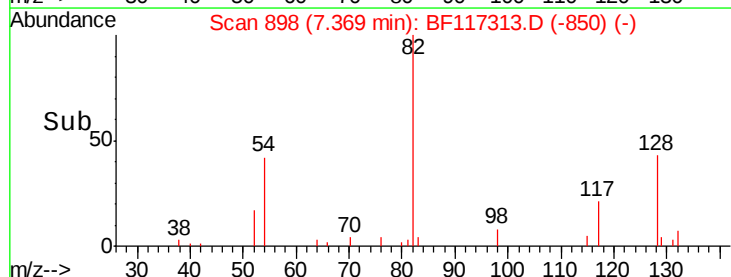
54 41.5 33.3 49.9

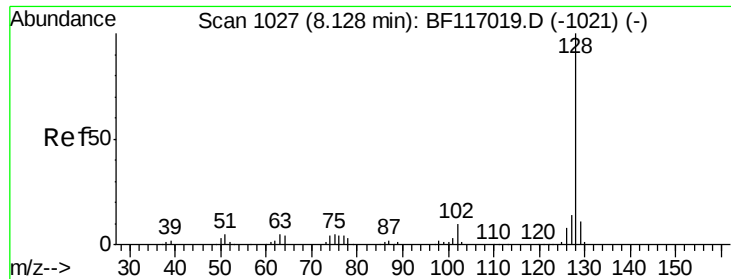


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

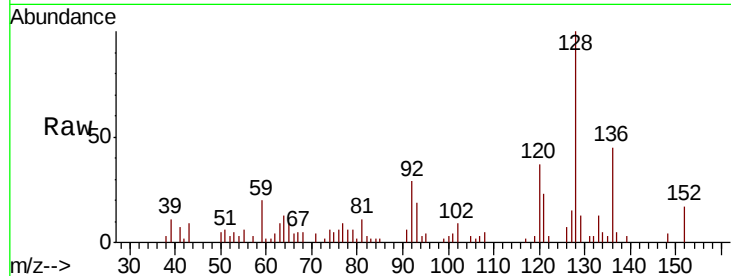




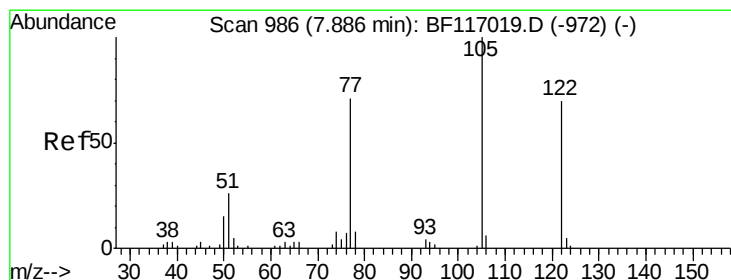
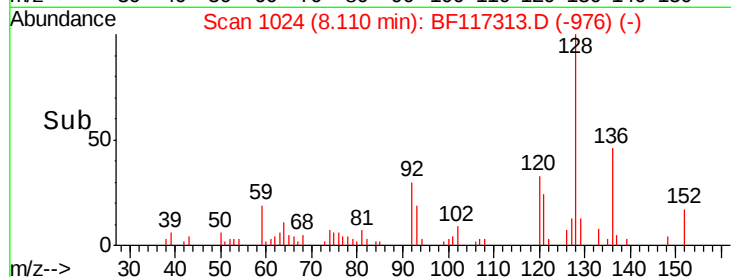
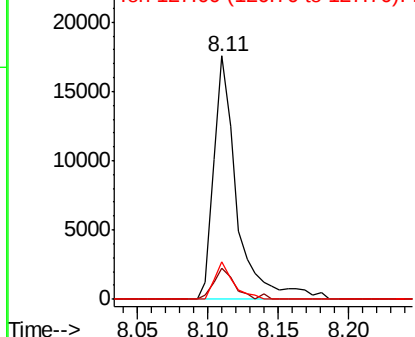
#31
Naphthalene
Concen: 4.324 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF117313.D
Acq: 2 Oct 2019 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 20096
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.4
127 15.3 10.8 16.2

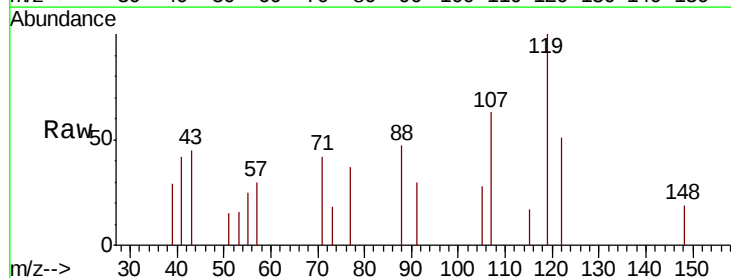


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

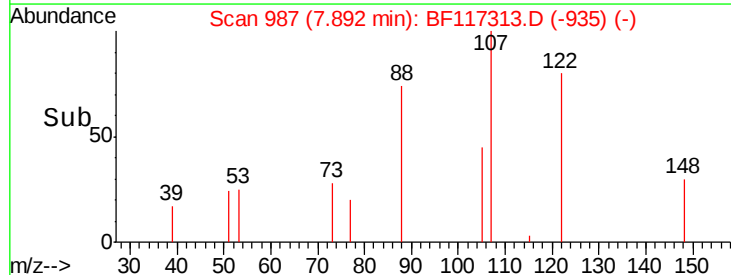
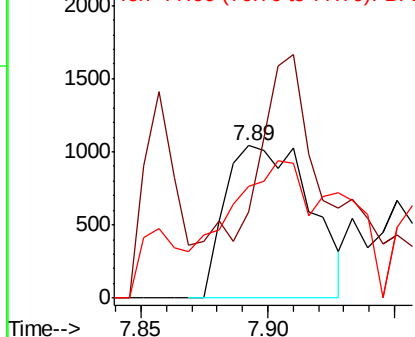


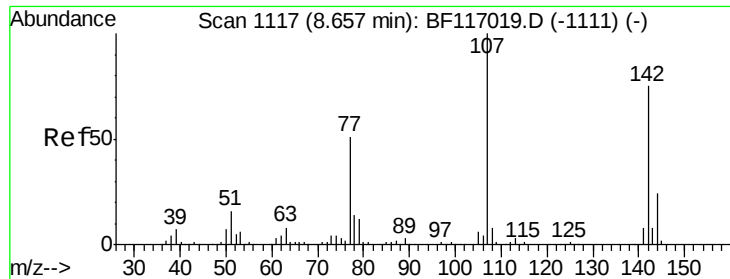
#32
Benzoic acid
Concen: 8.831 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117313.D
Acq: 2 Oct 2019 21:23

Tgt Ion:122 Resp: 2423
Ion Ratio Lower Upper
122 100
105 56.3 114.8 154.8#
77 73.8 78.7 118.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

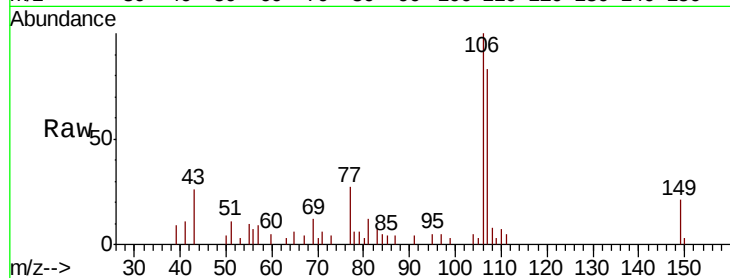




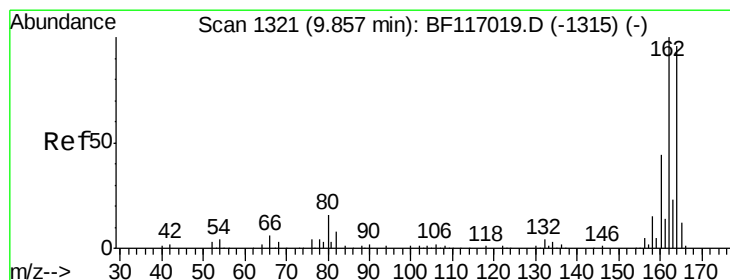
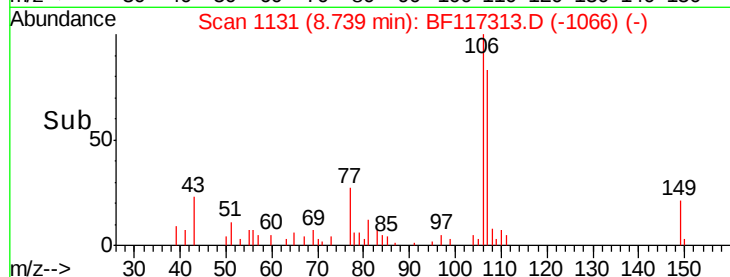
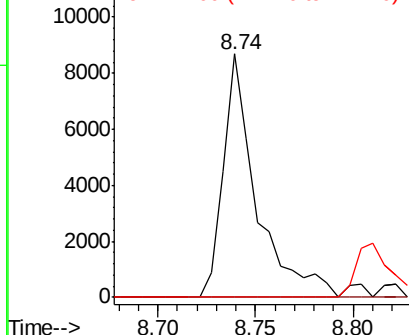
#36
 4-Chloro-3-methylphenol
 Concen: 6.740 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. 0.08 min
 Lab File: BF117313.D
 Acq: 2 Oct 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 10188
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.2 28.8#
 142 0.0 59.6 89.4#

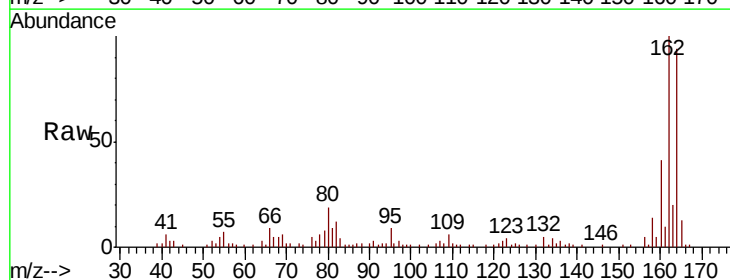


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

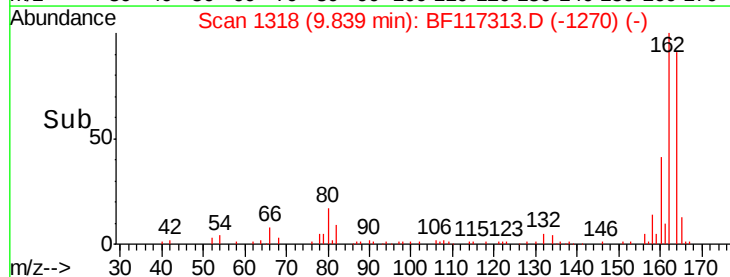
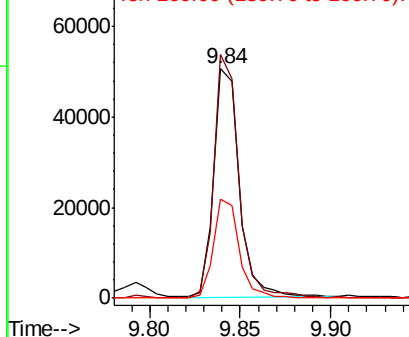


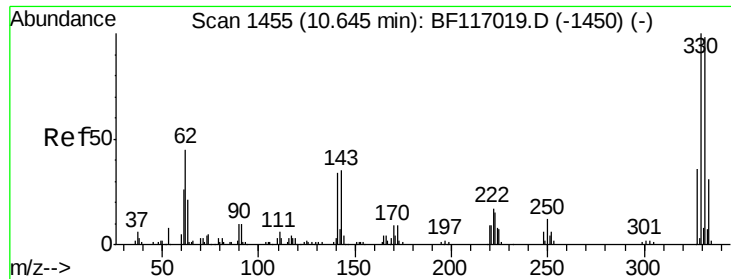
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF117313.D
 Acq: 2 Oct 2019 21:23

Tgt Ion:164 Resp: 49504
 Ion Ratio Lower Upper
 164 100
 162 106.3 83.4 125.2
 160 43.2 36.4 54.6



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: 25.632 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

Instrument :

BNA_F

ClientSampleId :

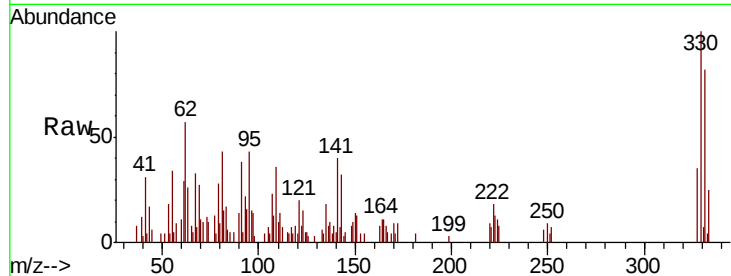
Tot Ion:330 Resp: 10605

Ion Ratio Lower Upper

330 100

332 92.3 78.0 117.0

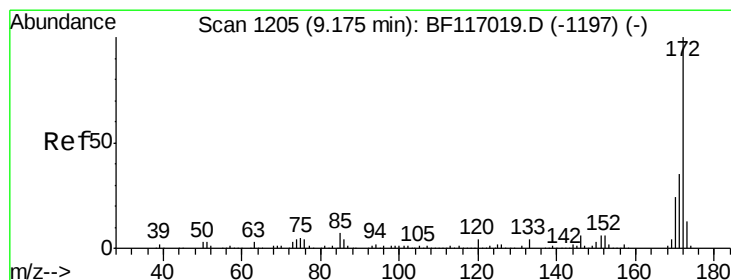
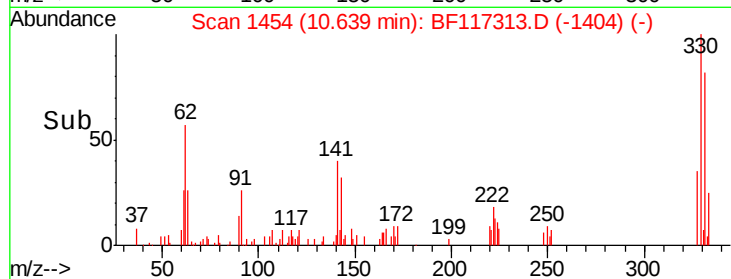
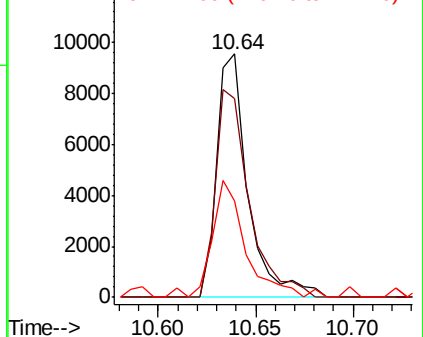
141 52.2 35.8 53.6



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: 15.599 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

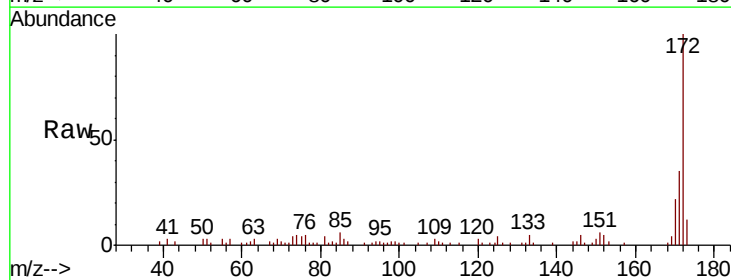
Tgt Ion:172 Resp: 49389

Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.2

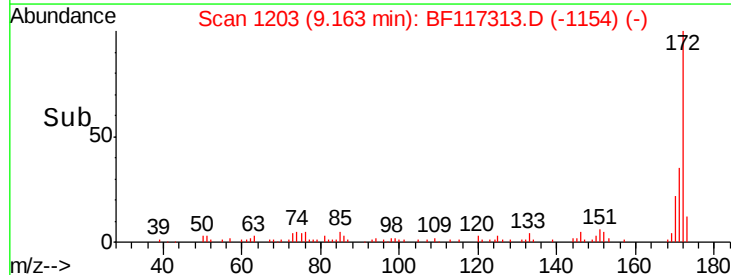
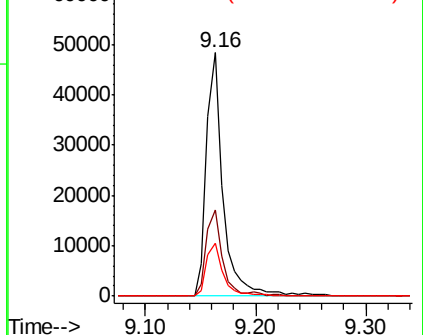
170 21.9 18.9 28.3

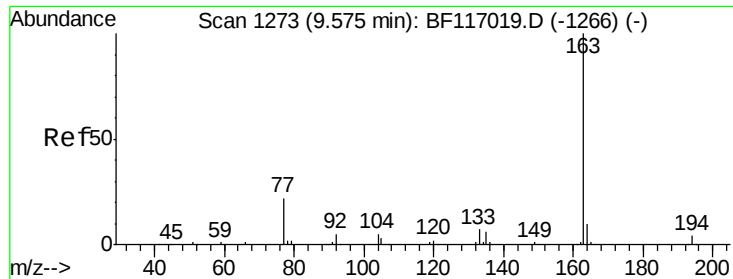


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

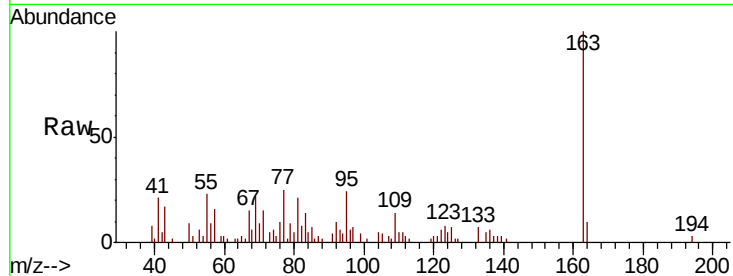




#50
Dimethylphthalate
Concen: 4.820 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117313.D
Acq: 2 Oct 2019 21:23

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.8	8.2	12.4

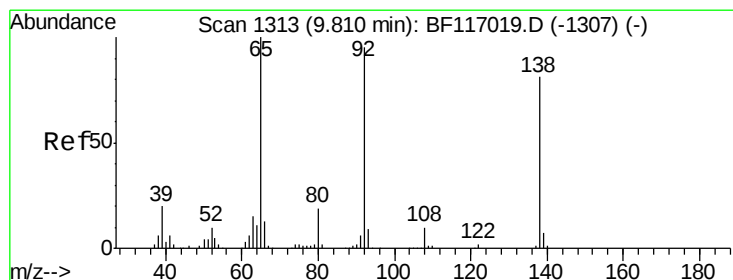
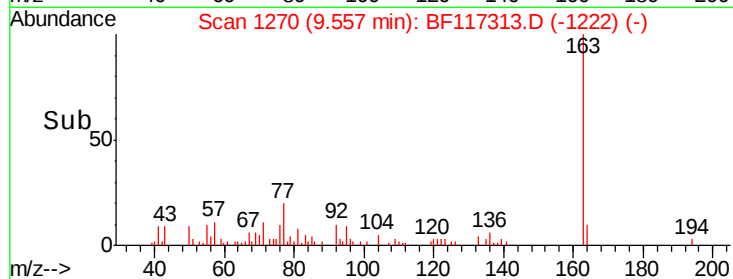
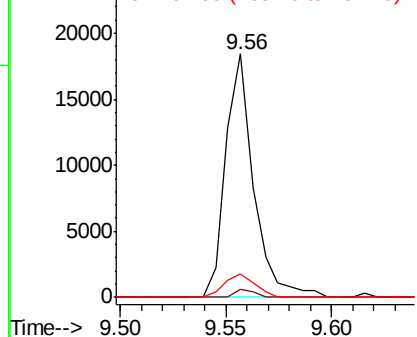


Abundance

Ion 163.00 (162.70 to 163.70): E

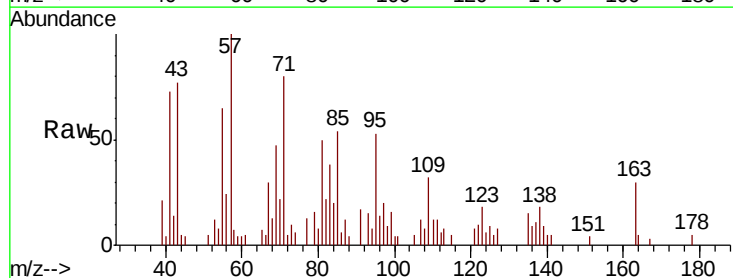
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53
3-Nitroaniline
Concen: 2.473 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.04 min
Lab File: BF117313.D
Acq: 2 Oct 2019 21:23

Tgt Ion	Ratio	Lower	Upper
138	100		
108	46.5	9.5	14.3#
92	0.0	94.1	141.1#

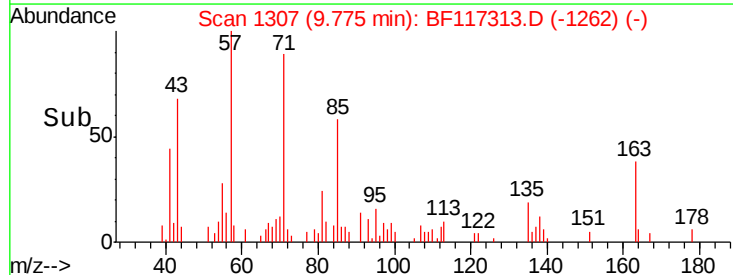
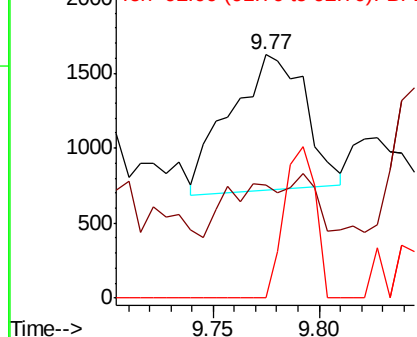


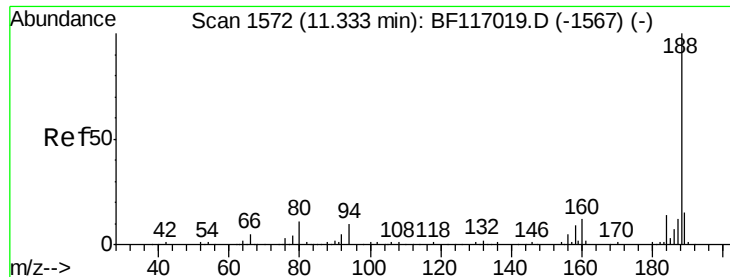
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

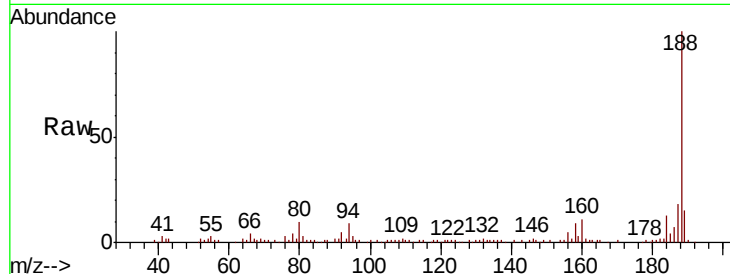




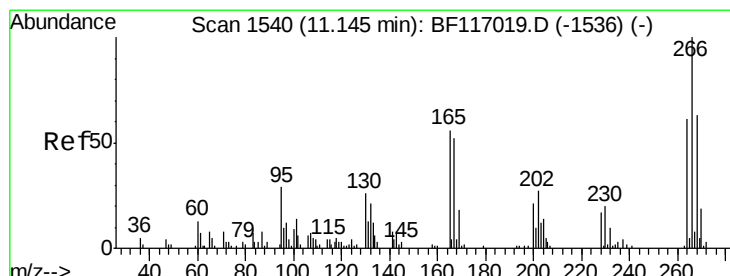
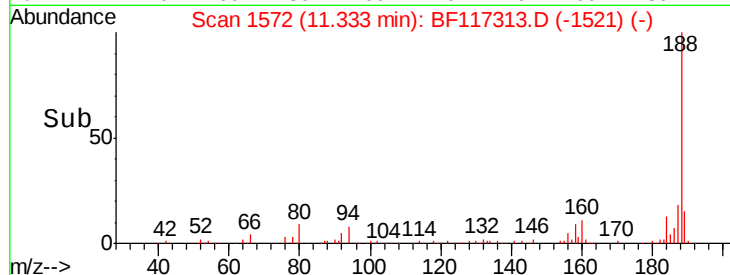
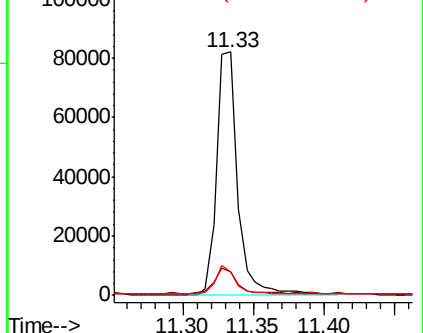
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117313.D
Acq: 2 Oct 2019 21:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 86239
Ion Ratio Lower Upper
188 100
94 9.4 8.2 12.2
80 9.6 9.0 13.6

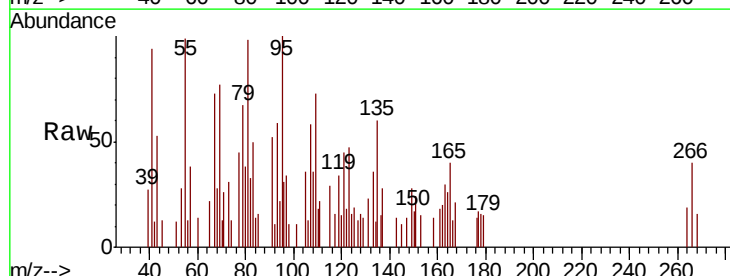


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

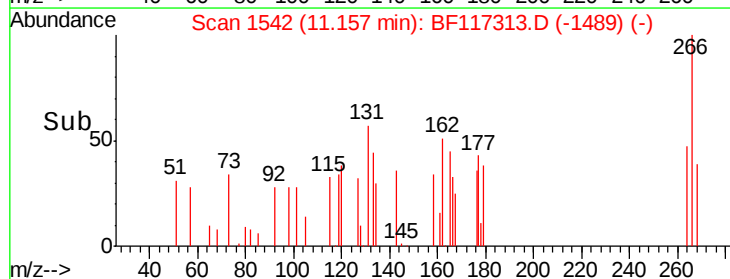
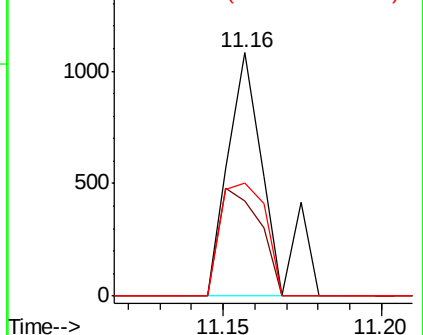


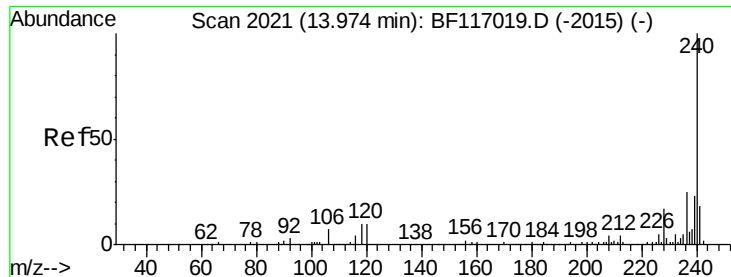
#70
Pentachlorophenol
Concen: 2.031 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BF117313.D
Acq: 2 Oct 2019 21:23

Tgt Ion:266 Resp: 917
Ion Ratio Lower Upper
266 100
268 39.1 50.5 75.7#
264 46.7 48.8 73.2#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

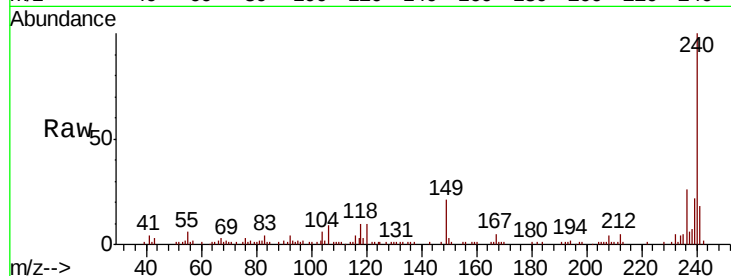




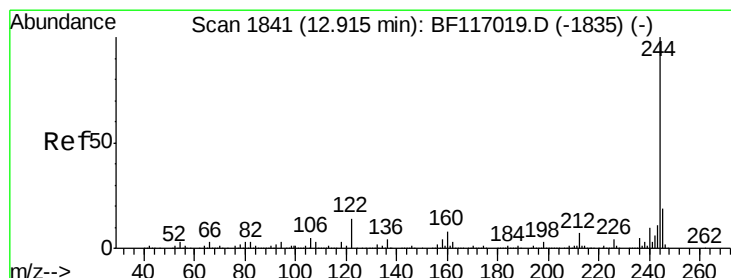
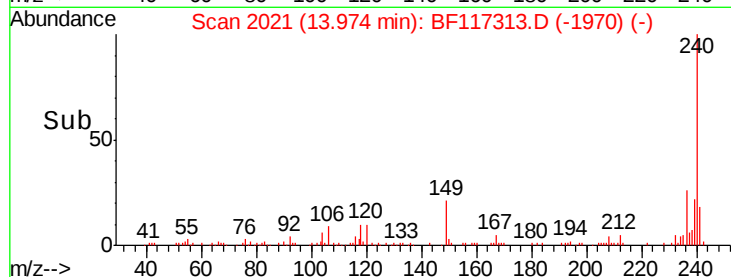
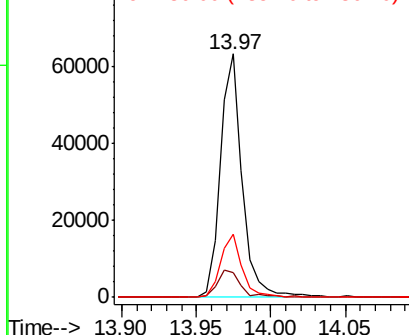
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117313.D
 Acq: 2 Oct 2019 21:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 65075
 Ion Ratio Lower Upper
 240 100
 120 10.1 8.3 12.5
 236 25.8 20.3 30.5

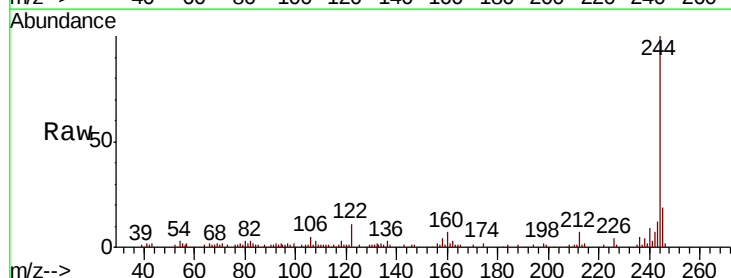


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

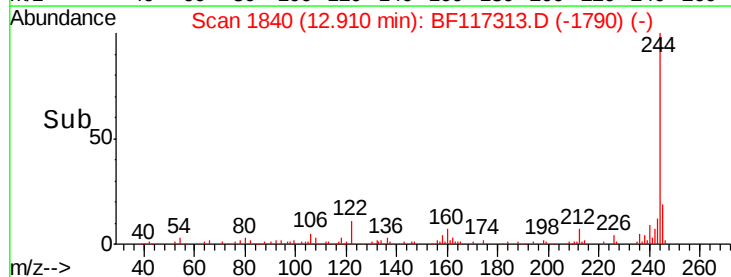
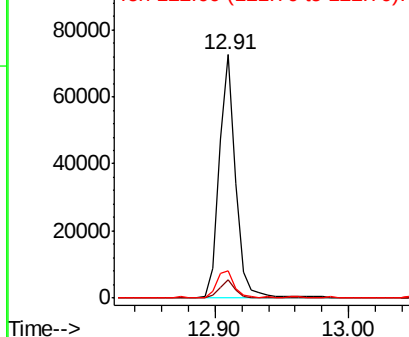


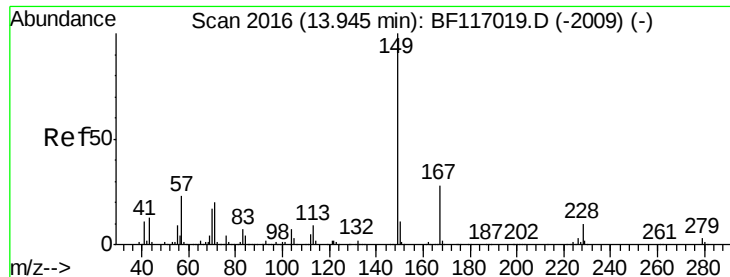
#79
 Terphenyl-d14
 Concen: 18.192 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117313.D
 Acq: 2 Oct 2019 21:23

Tgt Ion:244 Resp: 63332
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 11.4 11.3 16.9



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.877 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

Instrument :

BNA_F

ClientSampleId :

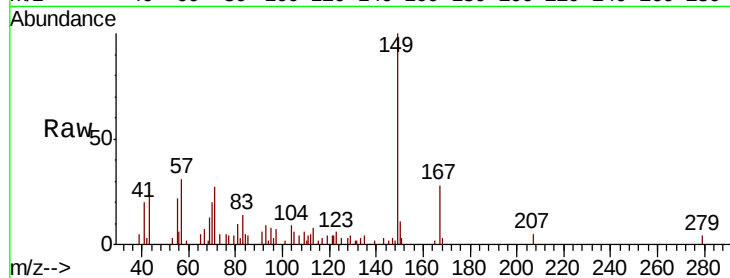
Tot Ion:149 Resp: 12898

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.2

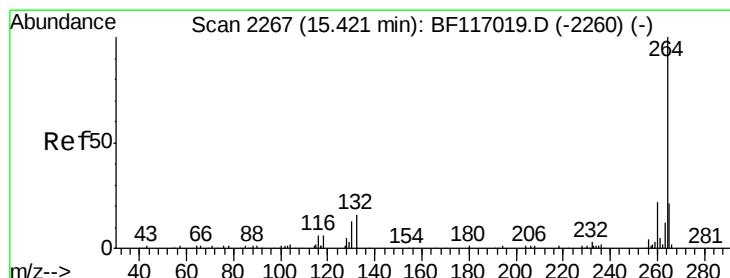
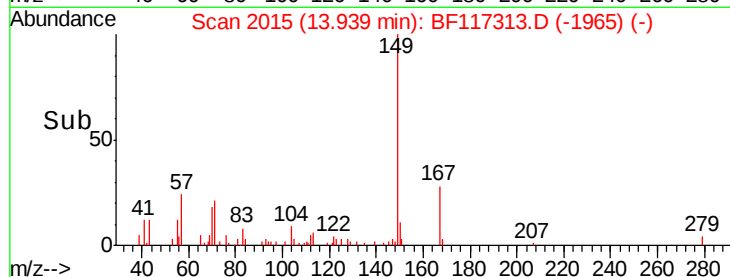
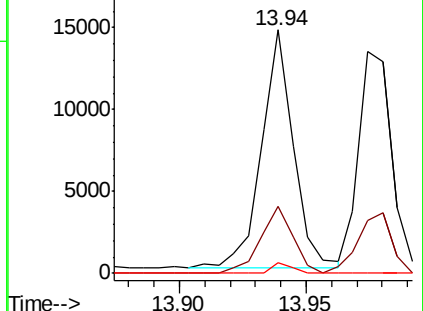
279 4.3 2.8 4.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF117313.D

Acq: 2 Oct 2019 21:23

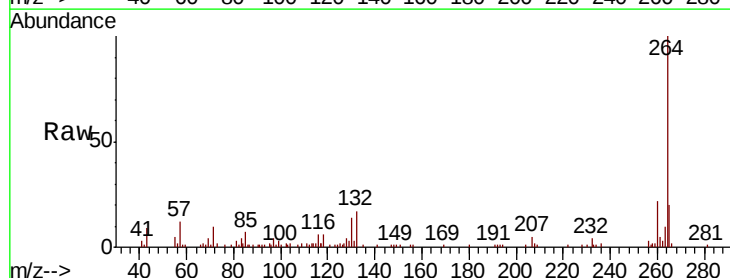
Tgt Ion:264 Resp: 59772

Ion Ratio Lower Upper

264 100

260 22.4 17.6 26.4

265 20.3 16.6 24.8



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

