

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082019\
 Data File : BF116438.D
 Acq On : 20 Aug 2019 19:04
 Operator : HP/JU
 Sample : K4095-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081919

Quant Time: Aug 21 01:35:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

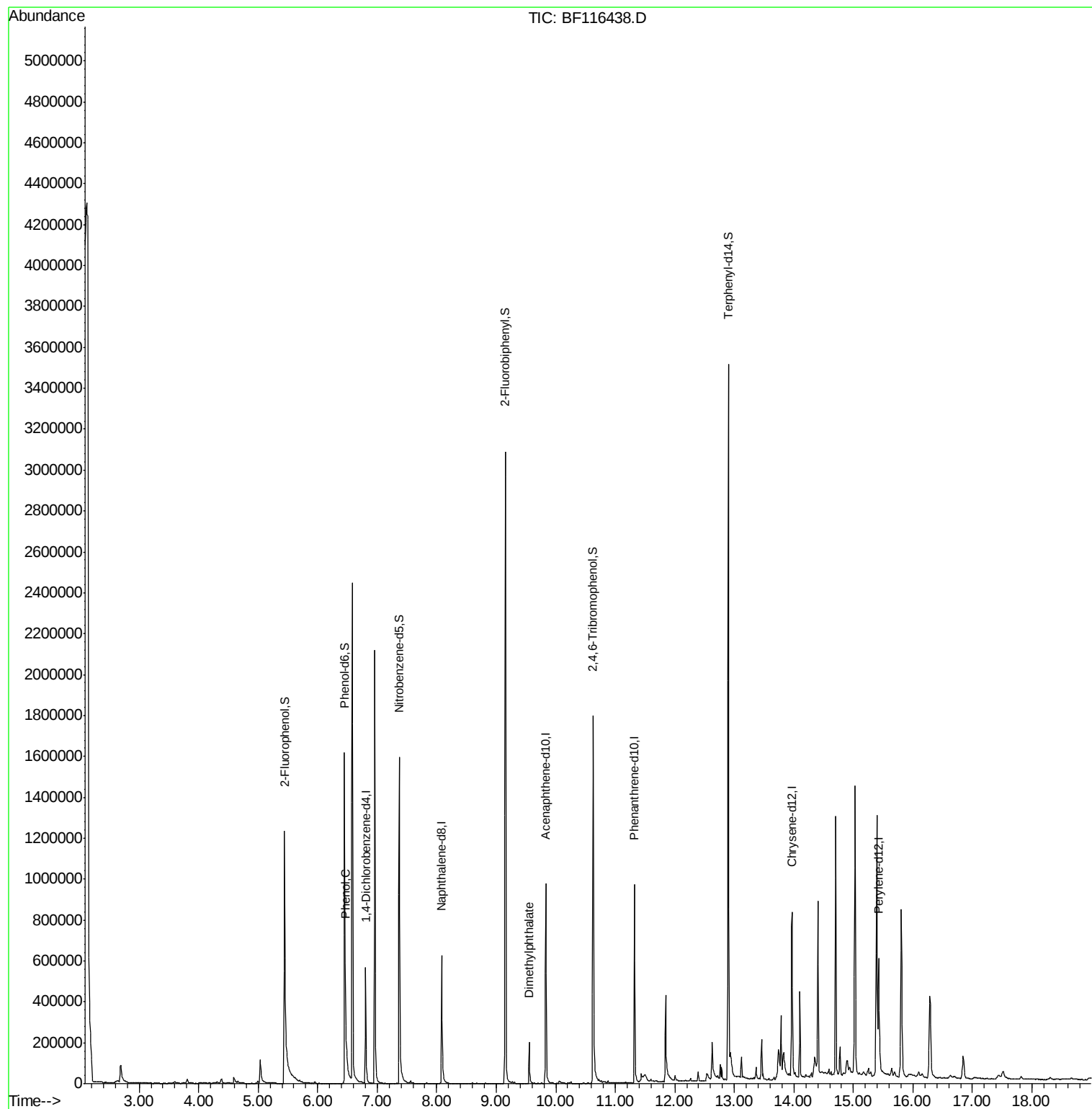
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	89199	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	351127	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	192201	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	354231	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	314354	20.00	ng	-0.01
87) Perylene-d12	15.42	264	318192	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	623775	117.07	ng	0.00
7) Phenol-d6	6.45	99	785785	116.89	ng	-0.01
23) Nitrobenzene-d5	7.37	82	584647	96.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	265370	142.41	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1037947	101.15	ng	-0.01
79) Terphenyl-d14	12.90	244	1319940	88.48	ng	-0.01
Target Compounds						
10) Phenol	6.47	94	17895	2.260	ng	Qvalue # 56
50) Dimethylphthalate	9.55	163	93512	7.146	ng	100

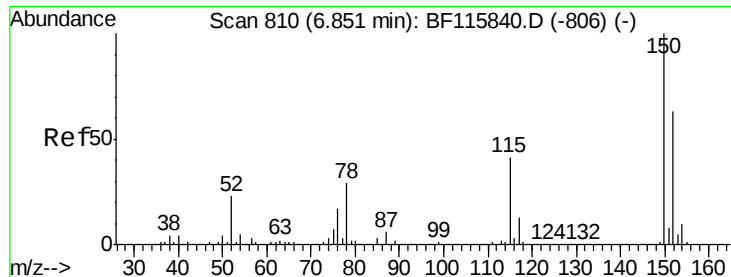
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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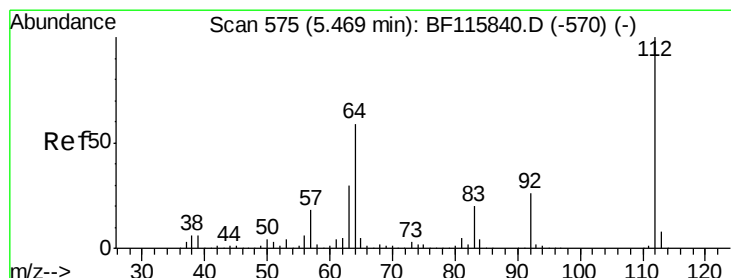
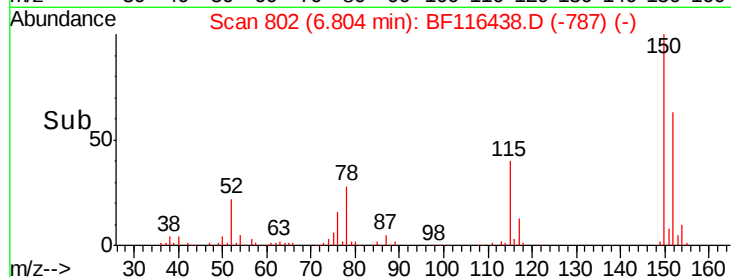
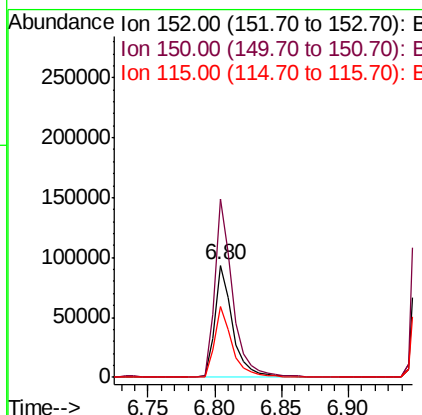
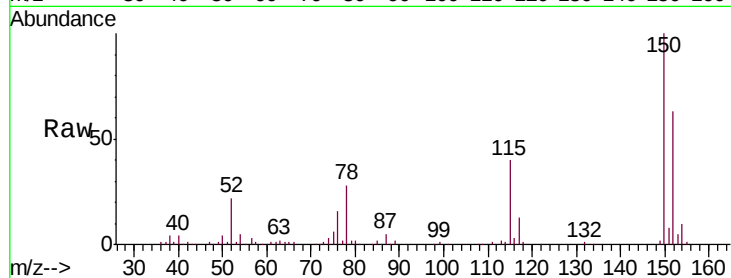


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Instrument :
BNA_F
ClientSampleId :
SU-03-081919

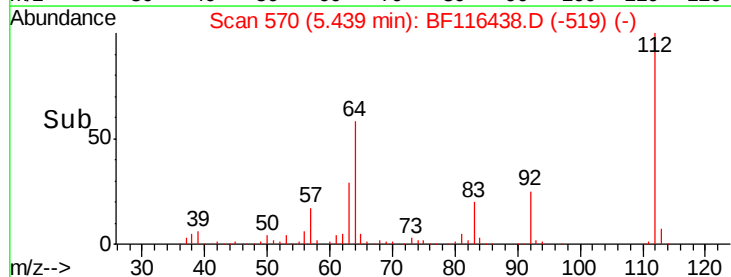
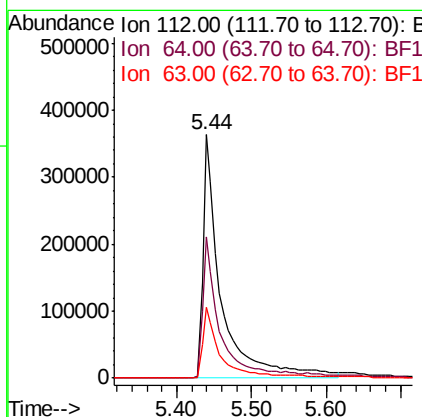
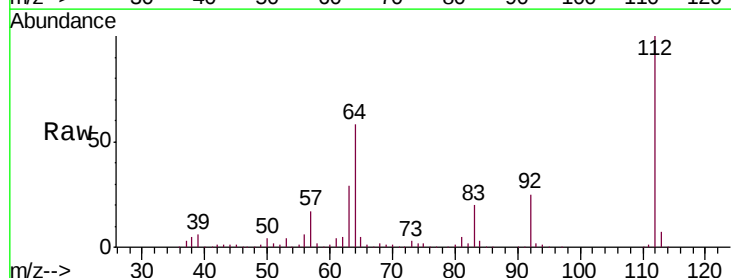
Tot Ion:152 Resp: 89199
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 63.3 49.9 74.9



#5

2-Fluorophenol
Concen: 117.068 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Tgt Ion:112 Resp: 623775
Ion Ratio Lower Upper
112 100
64 57.9 45.4 68.2
63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 116.887 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116438.D

Acq: 20 Aug 2019 19:04

Instrument :

BNA_F

ClientSampleId :

SU-03-081919

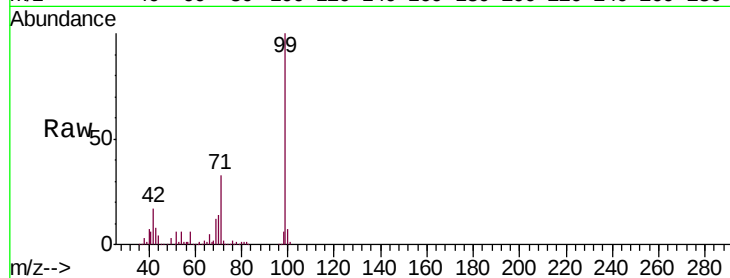
Tot Ion: 99 Resp: 785785

Ion Ratio Lower Upper

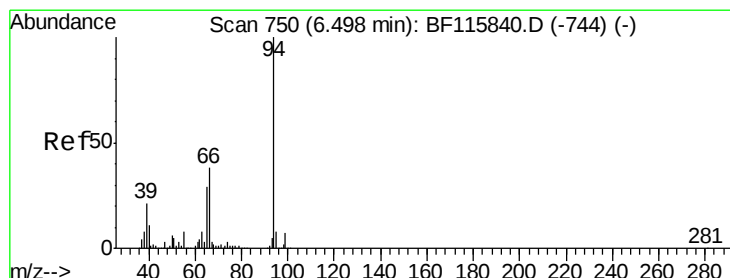
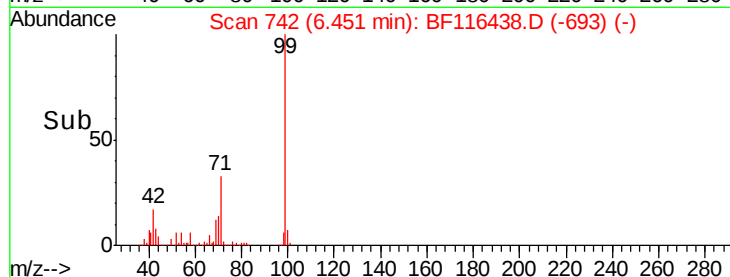
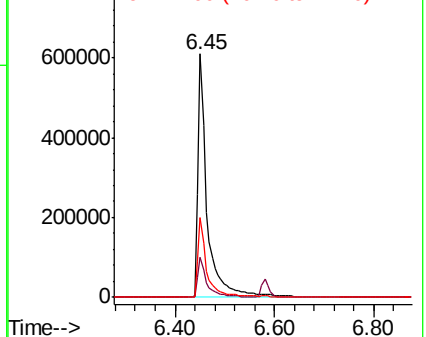
99 100

42 16.5 13.8 20.8

71 32.6 27.3 40.9



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: 2.260 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116438.D

Acq: 20 Aug 2019 19:04

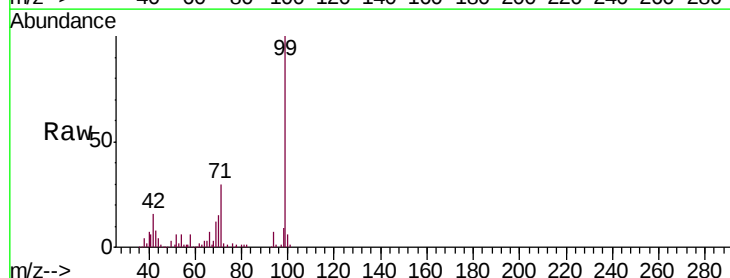
Tgt Ion: 94 Resp: 17895

Ion Ratio Lower Upper

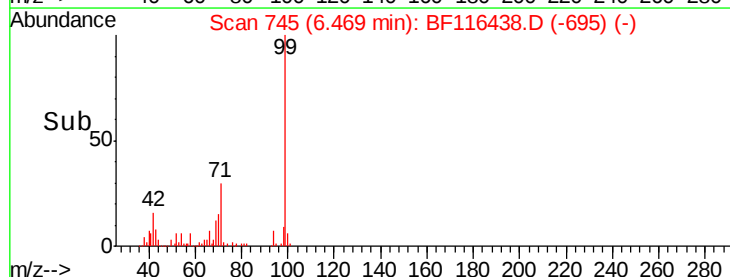
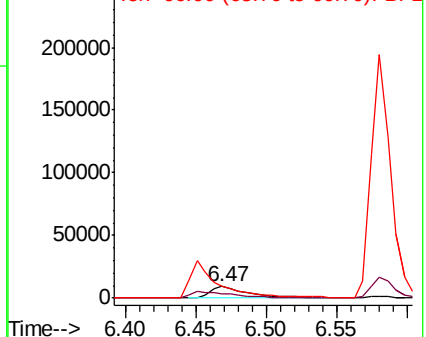
94 100

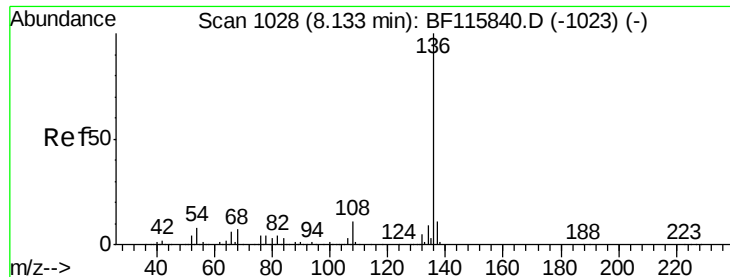
65 40.5 16.8 56.8

66 104.1 34.2 74.2#



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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116438.D

Acq: 20 Aug 2019 19:04

Instrument :

BNA_F

ClientSampleId :

SU-03-081919

Tot Ion:136 Resp: 351127

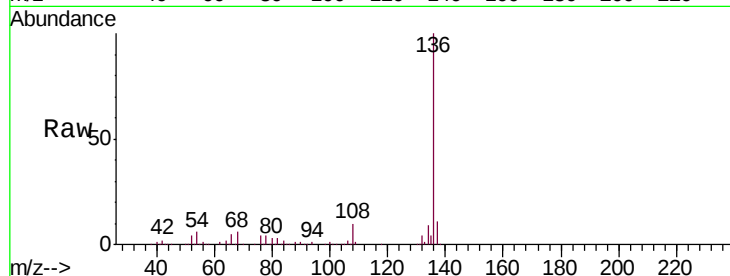
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 6.5 5.8 8.6

68 5.8 5.2 7.8

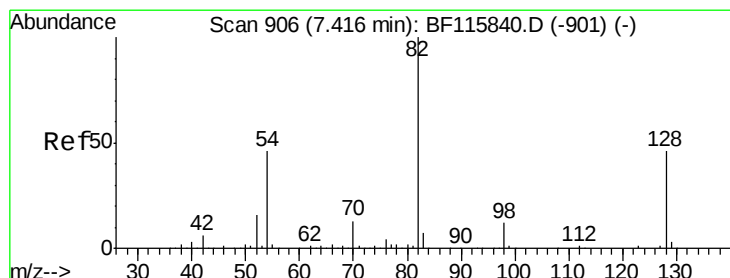
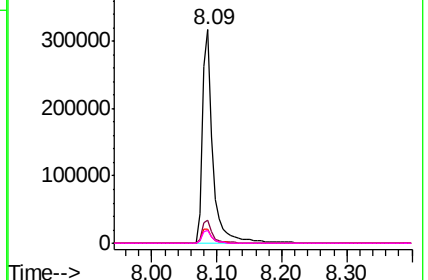
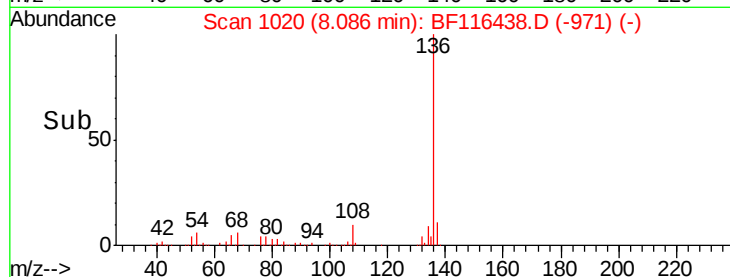


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.112 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF116438.D

Acq: 20 Aug 2019 19:04

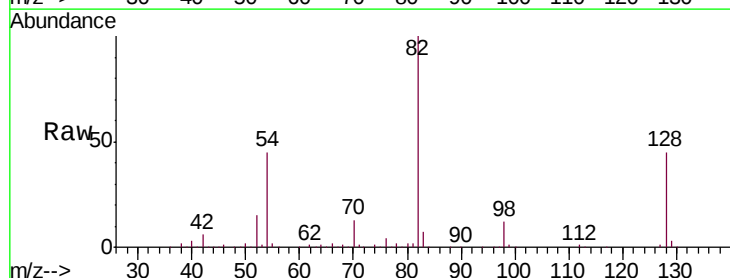
Tgt Ion: 82 Resp: 584647

Ion Ratio Lower Upper

82 100

128 45.2 36.5 54.7

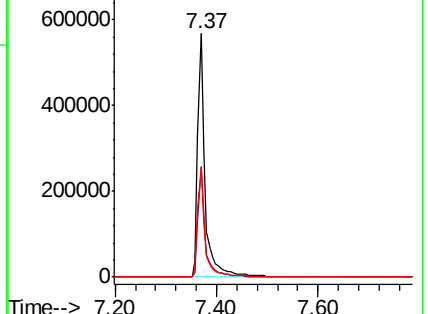
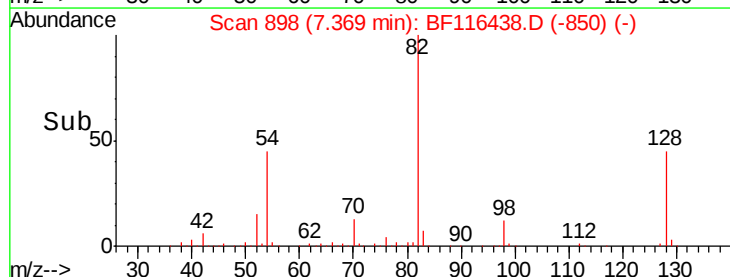
54 44.7 36.0 54.0

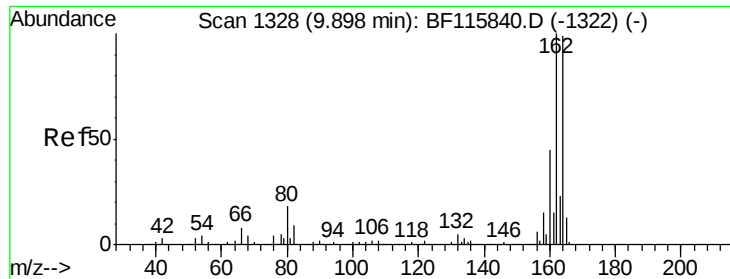


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

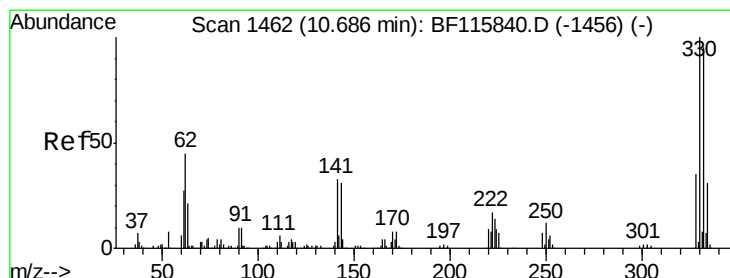
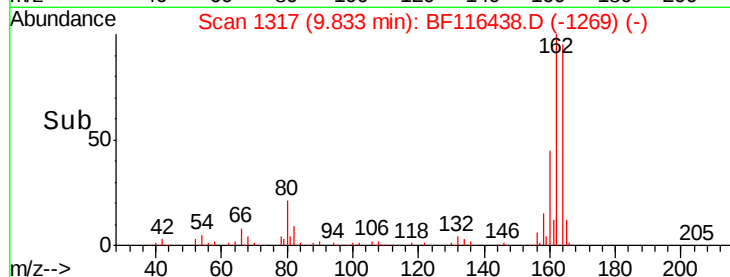
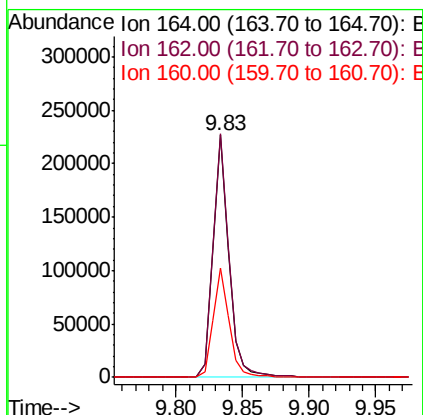
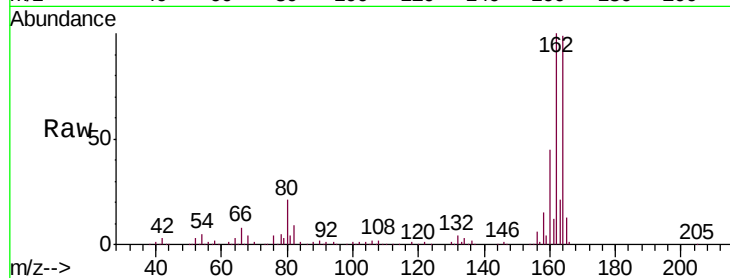




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116438.D
 Acq: 20 Aug 2019 19:04

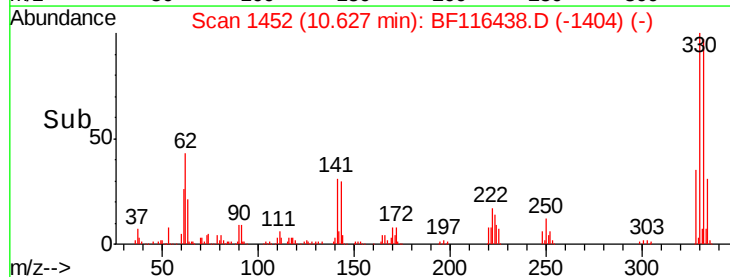
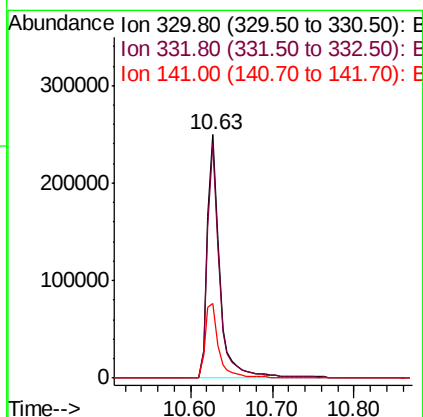
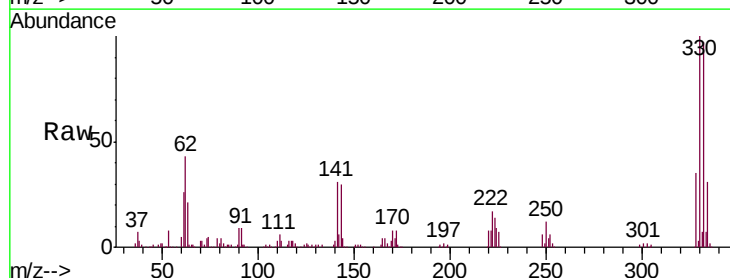
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-081919

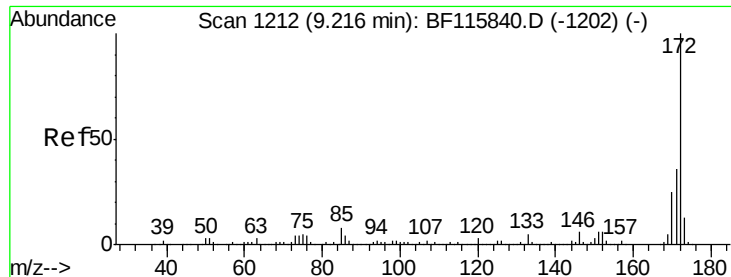
Tot Ion:164 Resp: 192201
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.6 124.0
 160 45.2 37.6 56.4



#42
 2,4,6-Tribromophenol
 Concen: 142.408 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116438.D
 Acq: 20 Aug 2019 19:04

Tgt Ion:330 Resp: 265370
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.8 115.2
 141 34.1 26.3 39.5

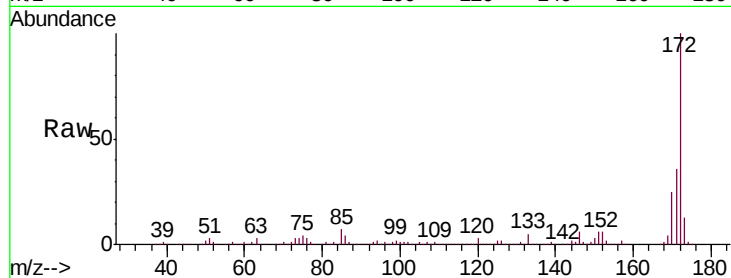




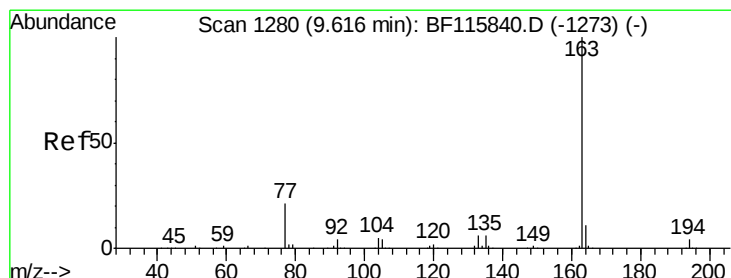
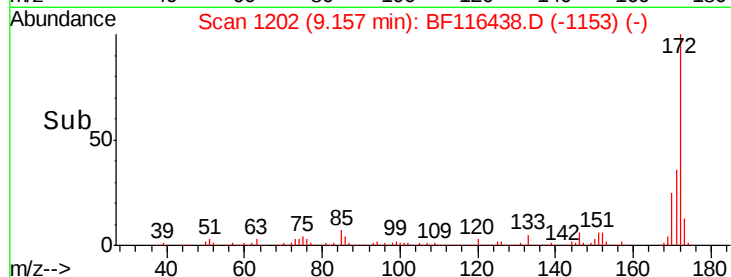
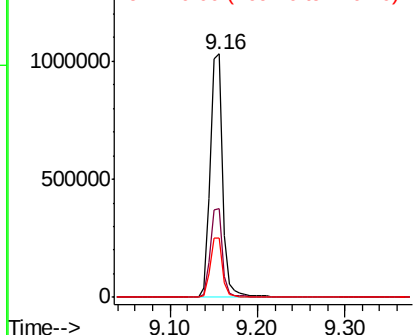
#45
2-Fluorobiphenyl
Concen: 101.152 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Instrument :
BNA_F
ClientSampleId :
SU-03-081919

Tot Ion:172 Resp: 1037947
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.5 20.1 30.1

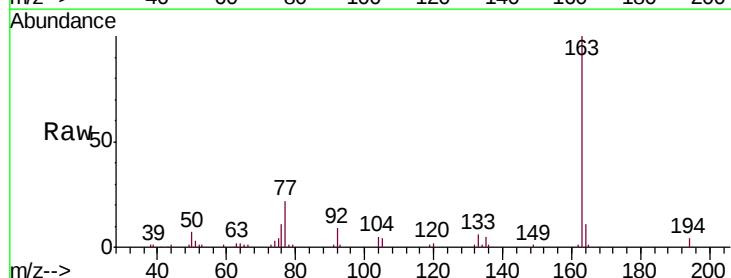


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

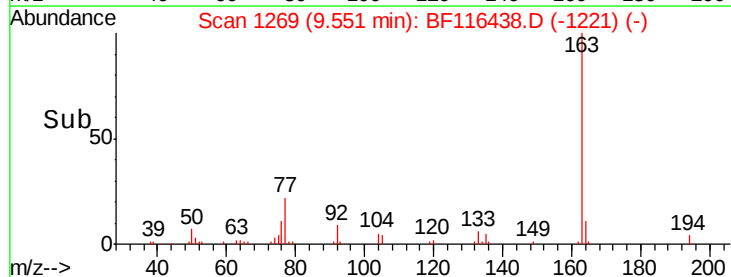
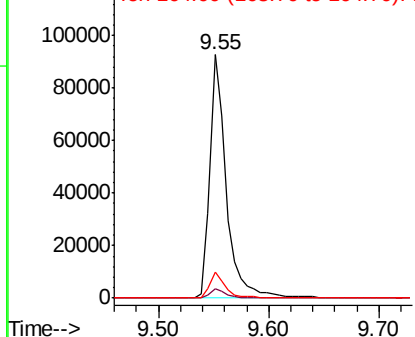


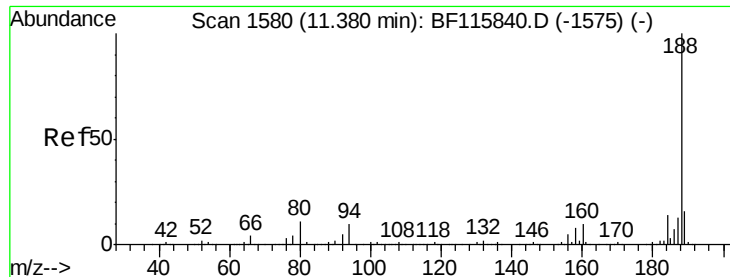
#50
Dimethylphthalate
Concen: 7.146 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Tgt Ion:163 Resp: 93512
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.6 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

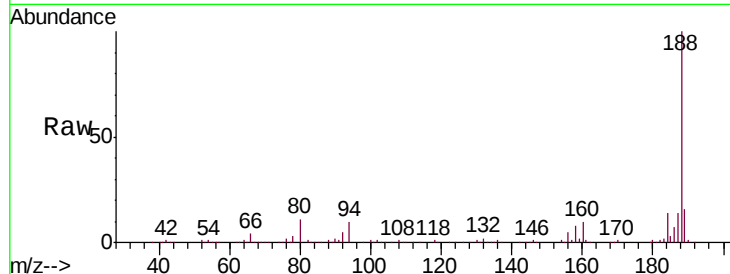




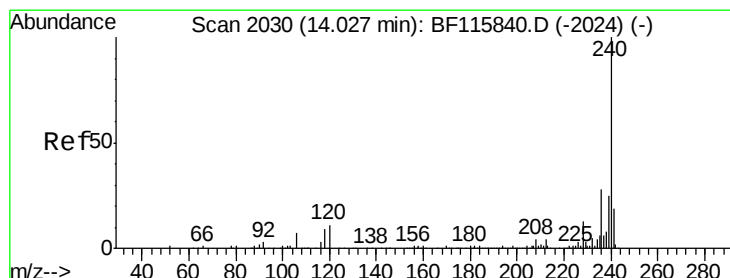
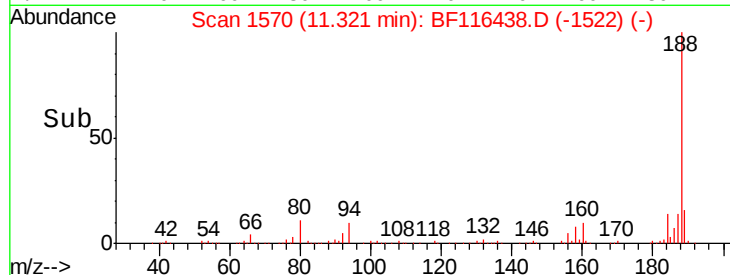
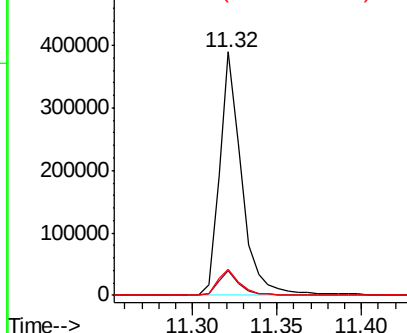
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Instrument :
BNA_F
ClientSampleId :
SU-03-081919

Tot Ion:188 Resp: 354231
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 10.8 8.7 13.1

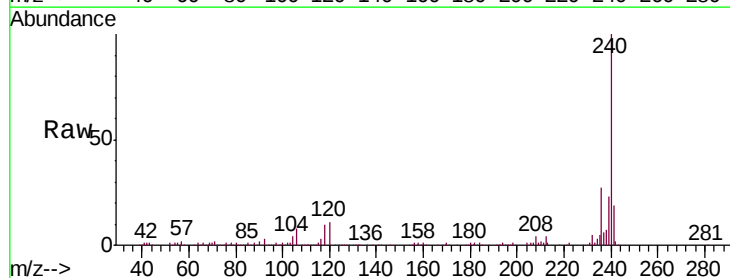


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

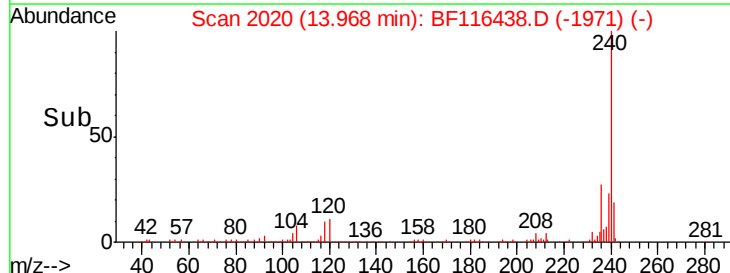
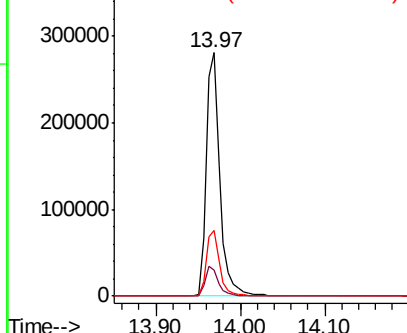


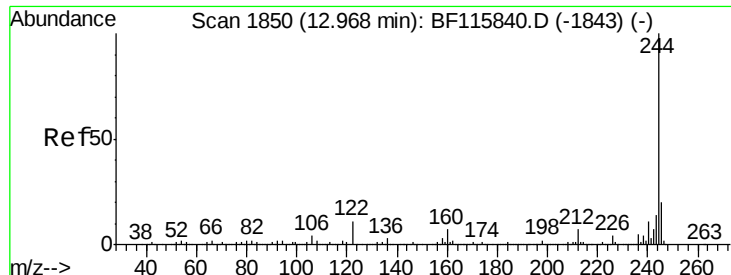
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF116438.D
Acq: 20 Aug 2019 19:04

Tgt Ion:240 Resp: 314354
Ion Ratio Lower Upper
240 100
120 10.9 10.7 16.1
236 27.0 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: 88.478 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116438.D

Acq: 20 Aug 2019 19:04

Instrument :

BNA_F

ClientSampleId :

SU-03-081919

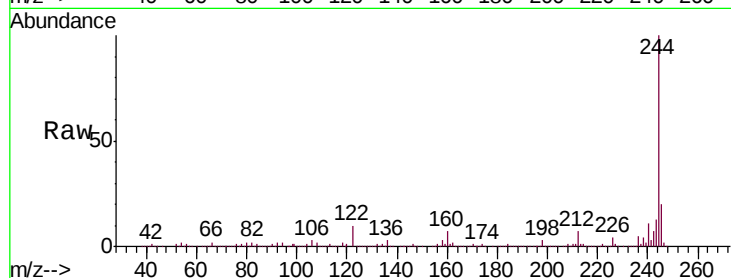
Tot Ion:244 Resp: 1319940

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

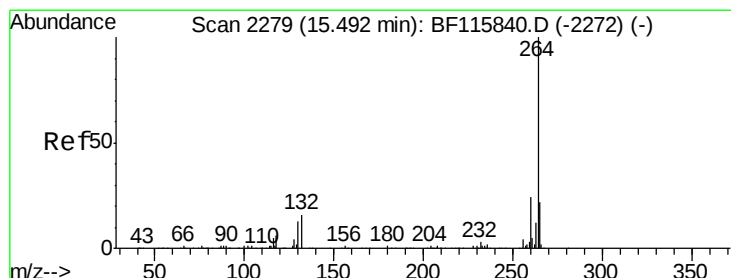
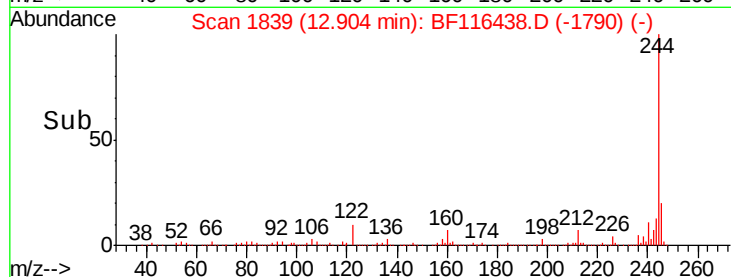
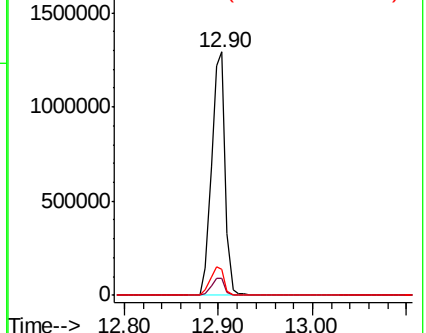
122 10.5 9.0 13.4



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: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116438.D

Acq: 20 Aug 2019 19:04

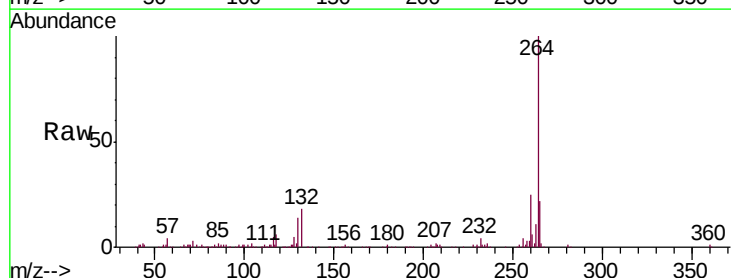
Tgt Ion:264 Resp: 318192

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 22.2 17.4 26.0



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

