

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
 Data File : BF114155.D
 Acq On : 11 May 2019 14:28
 Operator : JU/SJ
 Sample : K2763-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS006-0002-01

Quant Time: May 13 07:35:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

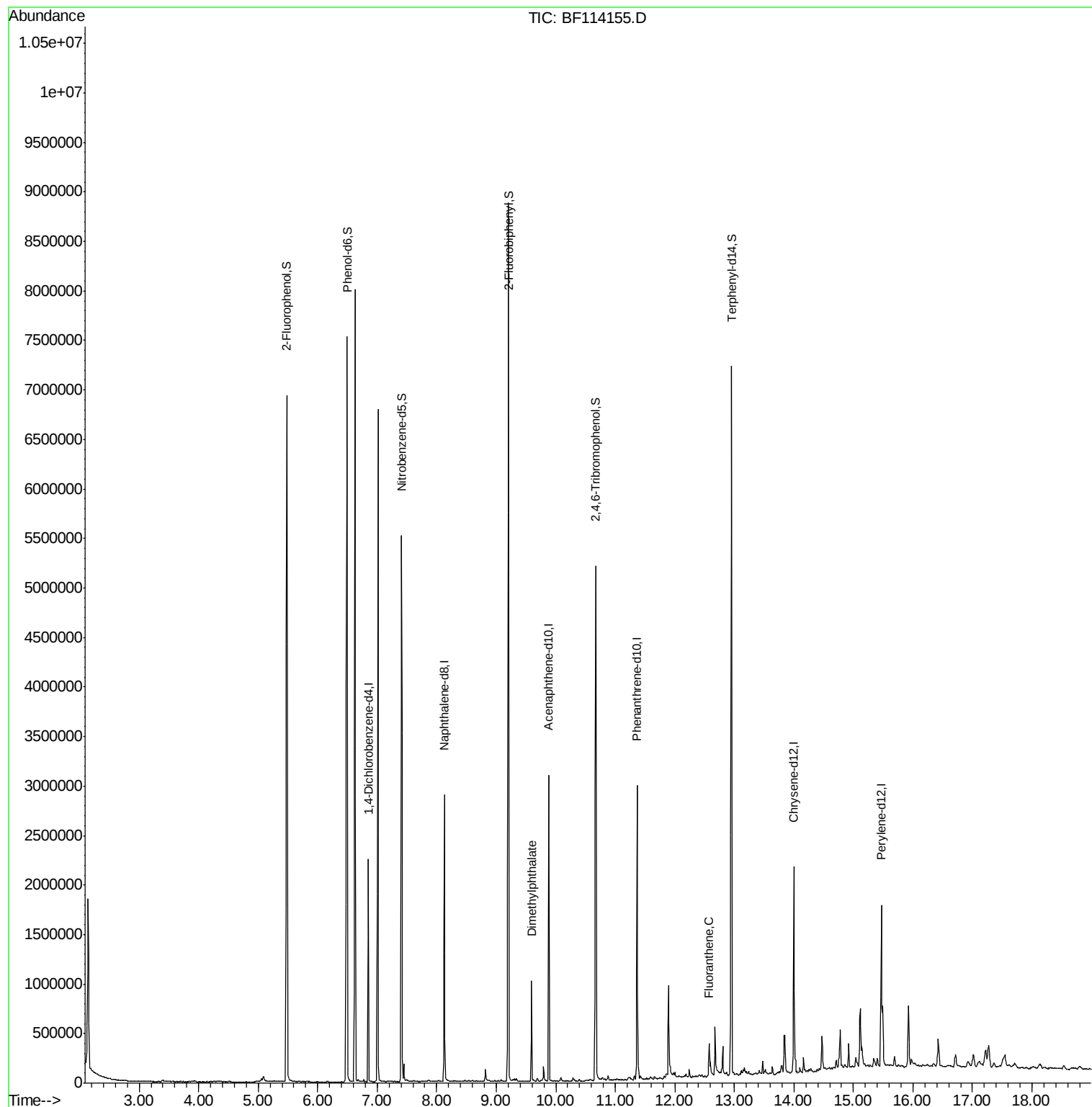
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	296802	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1236116	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	592198	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1135660	20.00	ng	0.00
76) Chrysene-d12	14.00	240	661232	20.00	ng	-0.02
87) Perylene-d12	15.47	264	710848	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2029968	110.06	ng	0.00
7) Phenol-d6	6.49	99	2706801	124.09	ng	0.00
23) Nitrobenzene-d5	7.41	82	1800631	81.75	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	695585	113.61	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2787891	71.21	ng	0.00
79) Terphenyl-d14	12.95	244	2461237	76.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	353905	8.141	ng	99
75) Fluoranthene	12.57	202	125752	2.114	ng	95

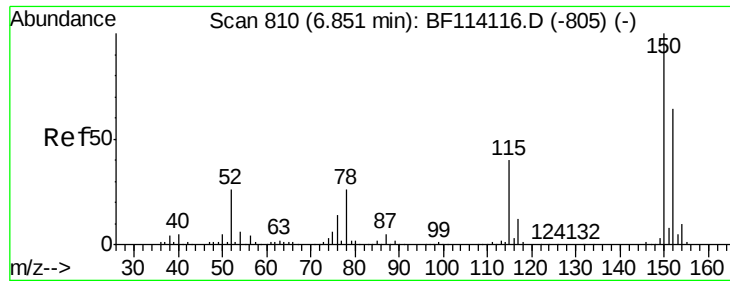
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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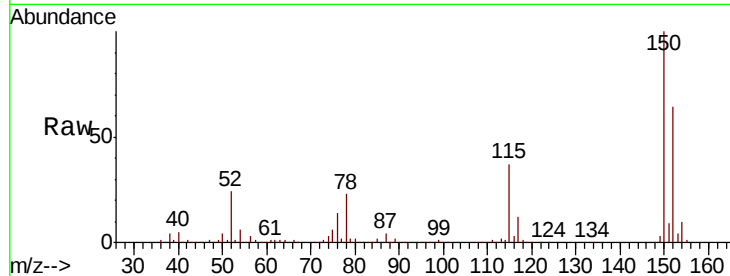


#1

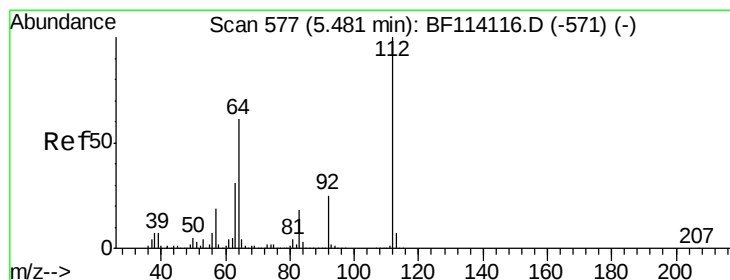
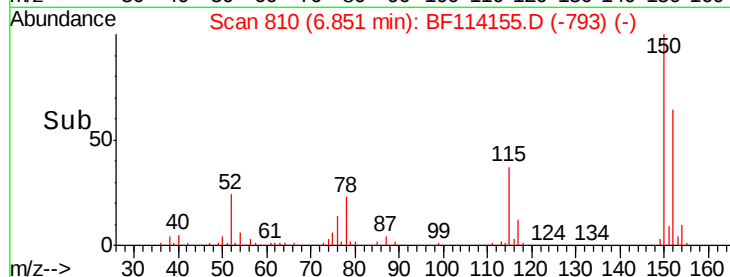
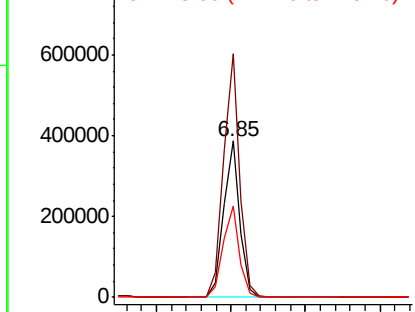
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114155.D
Acq: 11 May 2019 14:28

Instrument :
BNA_F
ClientSampleId :
P021-SS006-0002-01

Tot Ion:152 Resp: 296802
Ion Ratio Lower Upper
152 100
150 156.0 124.3 186.5
115 58.5 49.1 73.7



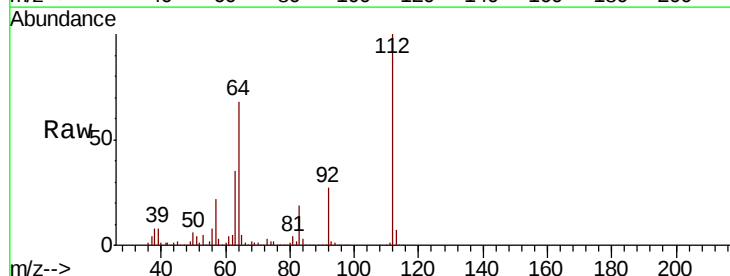
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



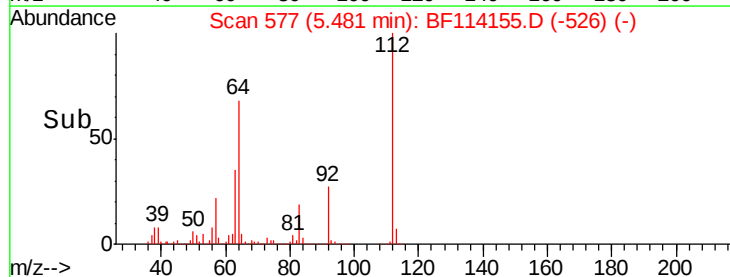
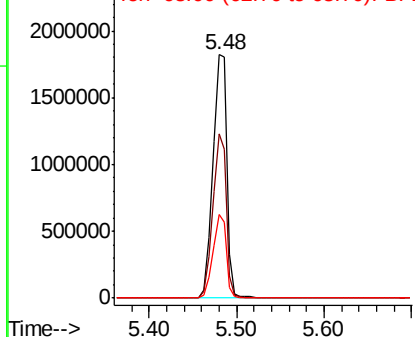
#5

2-Fluorophenol
Concen: 110.065 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114155.D
Acq: 11 May 2019 14:28

Tgt Ion:112 Resp: 2029968
Ion Ratio Lower Upper
112 100
64 67.6 49.0 73.6
63 34.6 24.6 37.0



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: 124.088 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

Instrument :

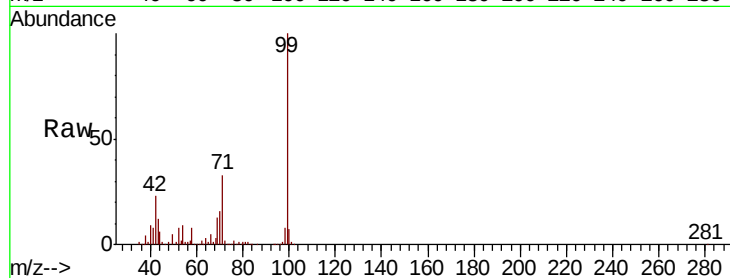
BNA_F

ClientSampleId :

P021-SS006-0002-01

Tot Ion: 99 Resp: 2706801

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.9	26.9
71	33.2	26.2	39.2

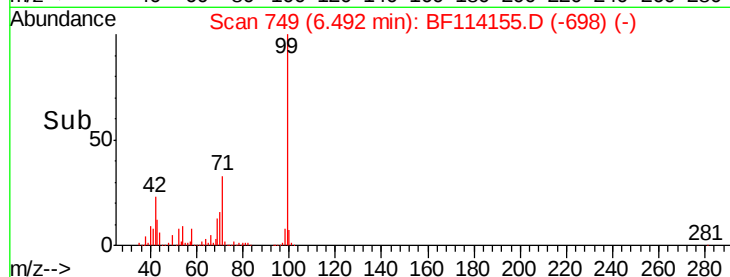
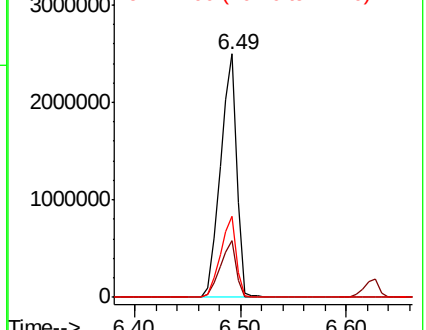


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

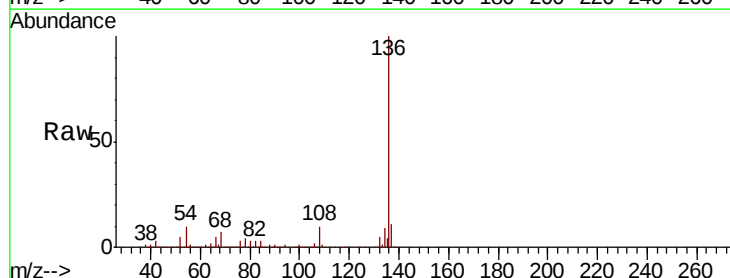
Delta R.T. -0.01 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

Tgt Ion: 136 Resp: 1236116

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	10.2	7.8	11.8
68	7.1	5.1	7.7



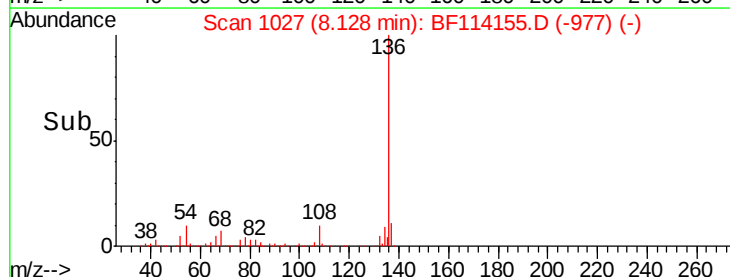
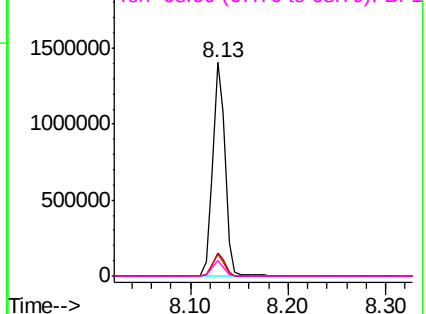
Abundance

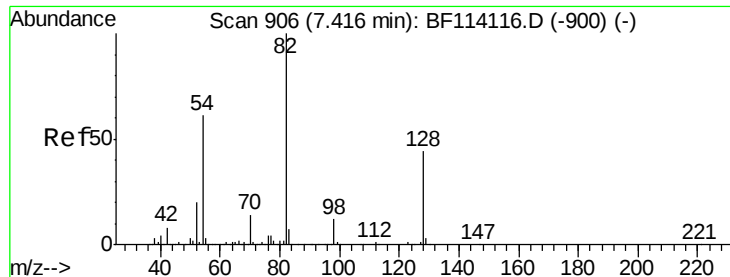
Ion 136.00 (135.70 to 136.70): E

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: 81.749 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

Instrument :

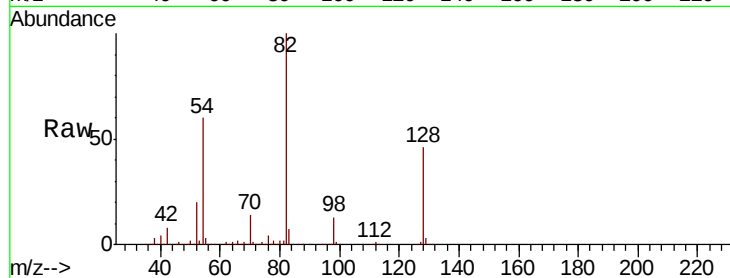
BNA_F

ClientSampleId :

P021-SS006-0002-01

Tot Ion: 82 Resp: 1800631

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.5	53.3
54	59.9	48.5	72.7

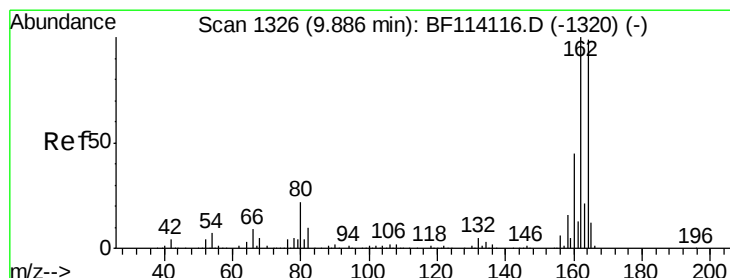
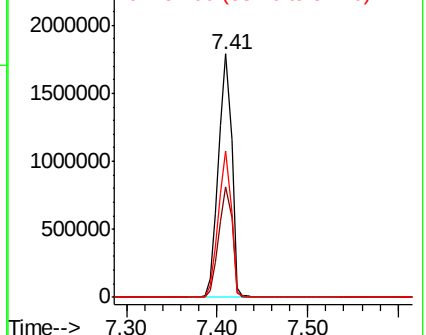
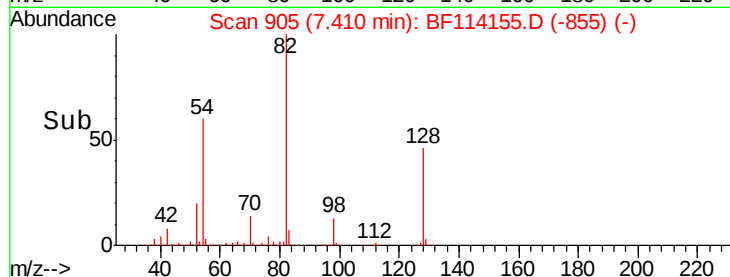


Abundance

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: 9.88 min Scan# 1325

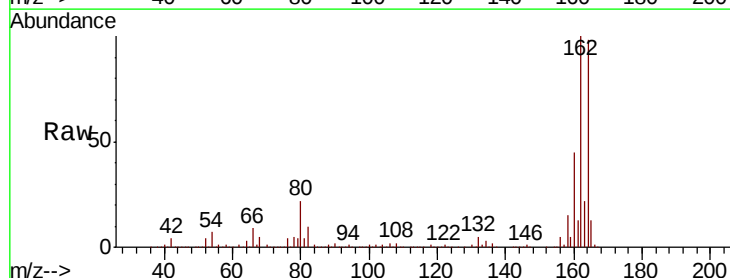
Delta R.T. -0.01 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

Tgt Ion:164 Resp: 592198

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.6	120.8
160	45.3	36.5	54.7

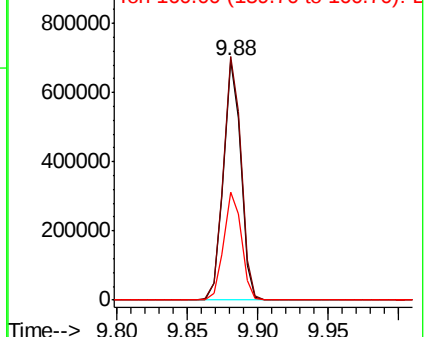
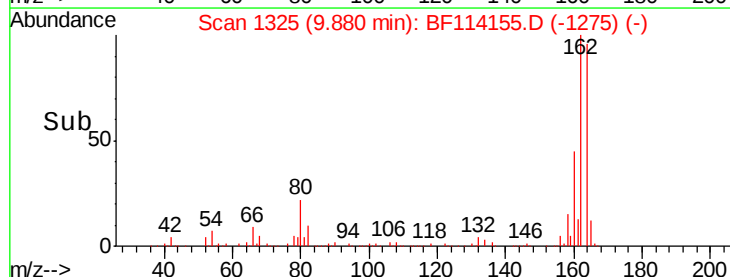


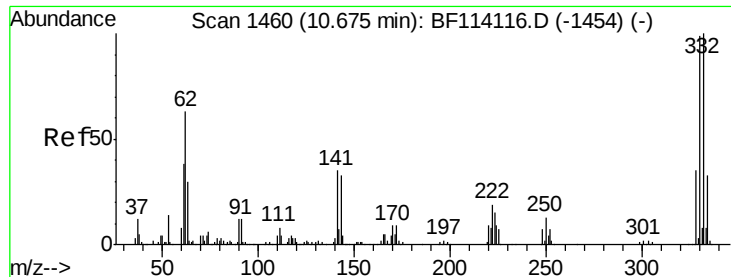
Abundance

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

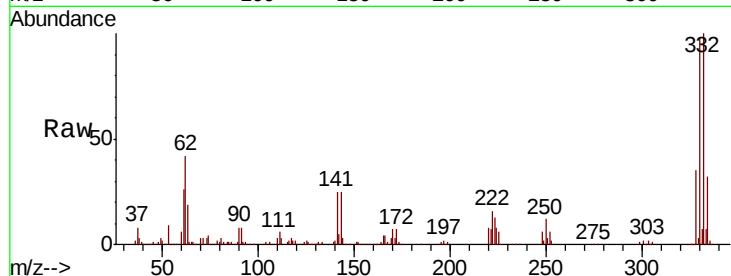




#42
 2,4,6-Tribromophenol
 Concen: 113.614 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114155.D
 Acq: 11 May 2019 14:28

Instrument :
 BNA_F
 ClientSampleId :
 P021-SS006-0002-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.9	81.4	122.2
141	31.1	26.6	40.0

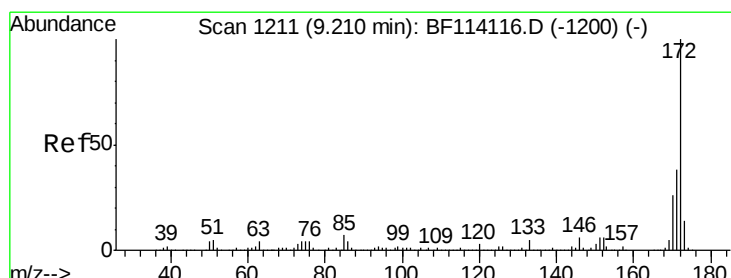
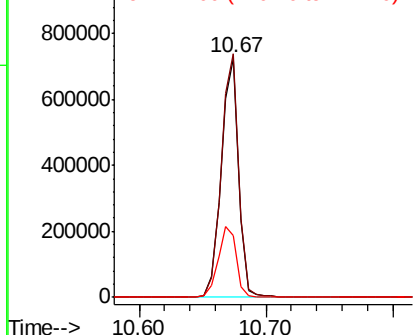
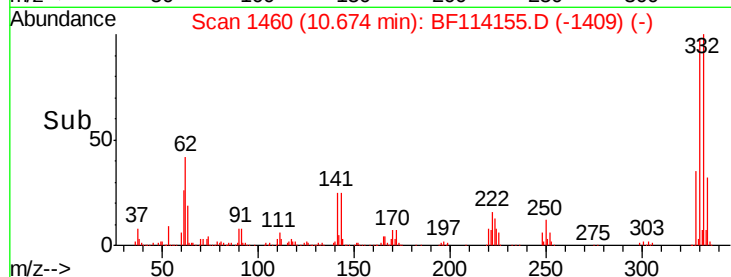


Abundance

Ion 329.80 (329.50 to 330.50): E

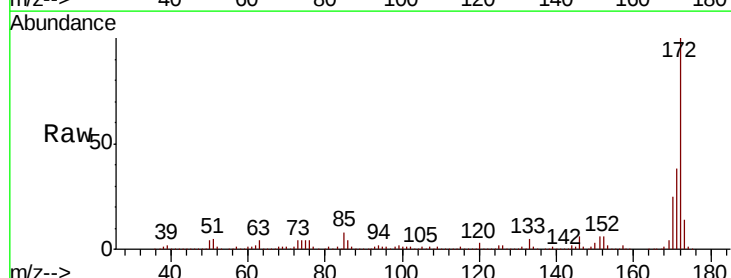
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 71.212 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114155.D
 Acq: 11 May 2019 14:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.7	46.1
170	25.0	20.5	30.7

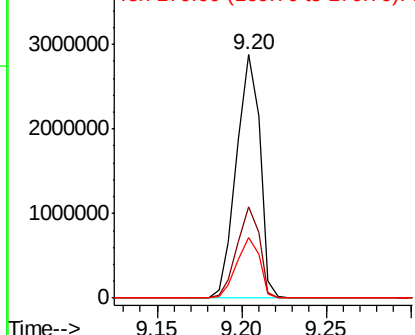
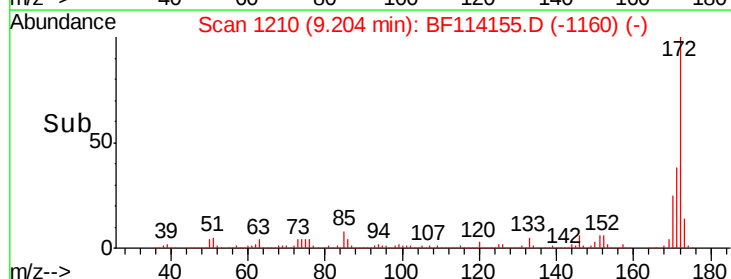


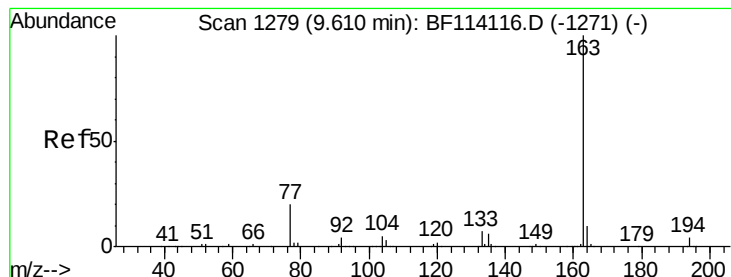
Abundance

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: 8.141 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

Instrument :

BNA_F

ClientSampleId :

P021-SS006-0002-01

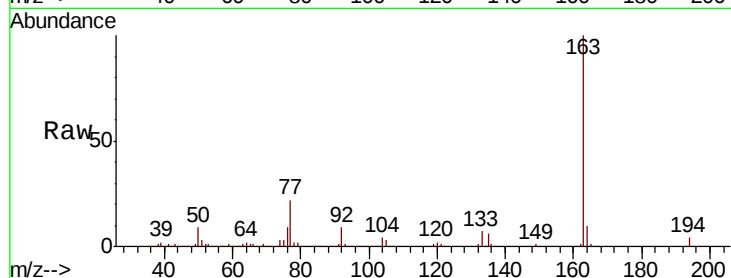
Tot Ion:163 Resp: 353905

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

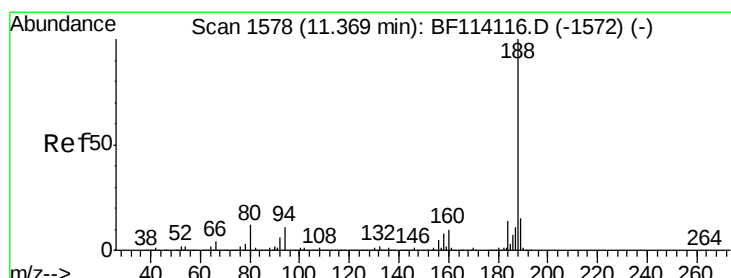
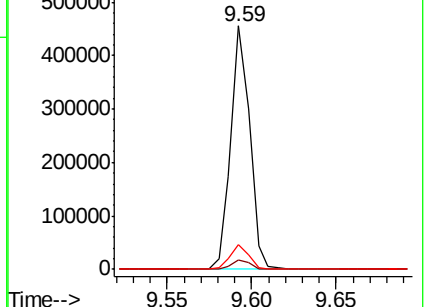
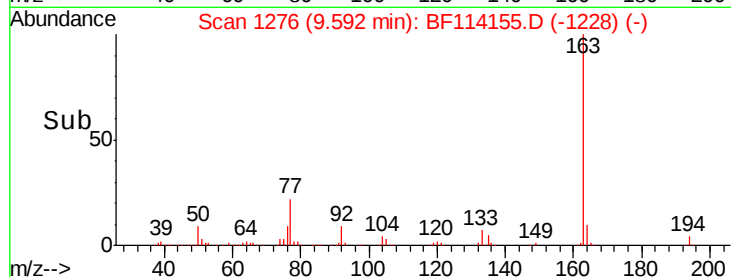
164 10.1 8.2 12.2



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: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

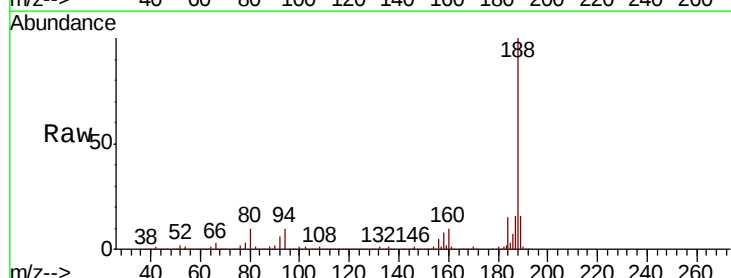
Tgt Ion:188 Resp: 1135660

Ion Ratio Lower Upper

188 100

94 9.9 8.4 12.6

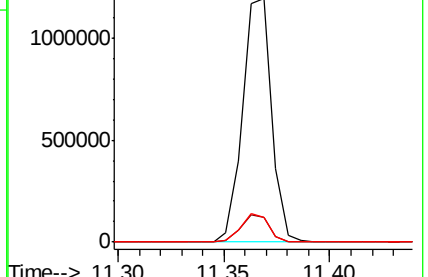
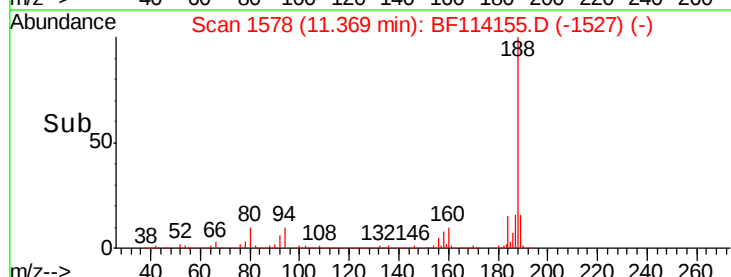
80 10.0 9.2 13.8

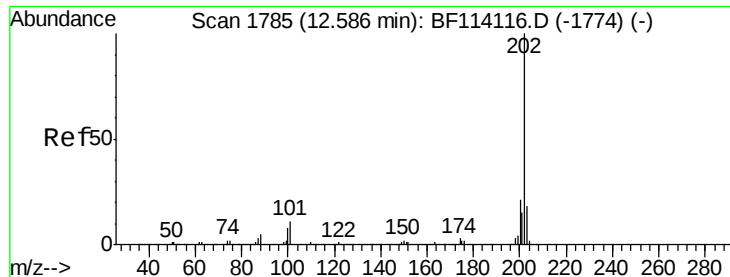


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.114 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

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ClientSampleId :

P021-SS006-0002-01

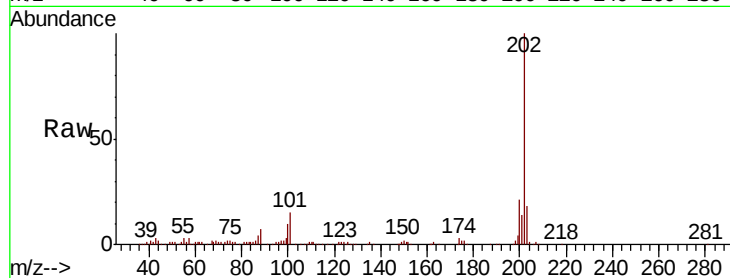
Tot Ion:202 Resp: 125752

Ion Ratio Lower Upper

202 100

101 14.7 0.0 31.0

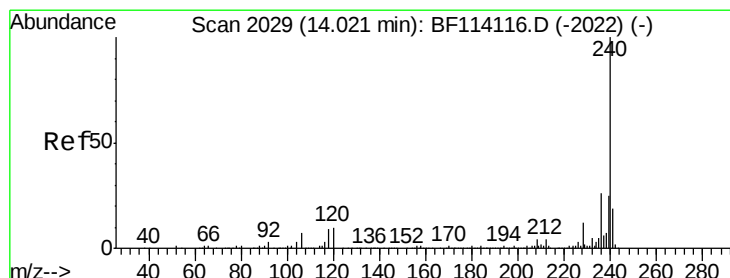
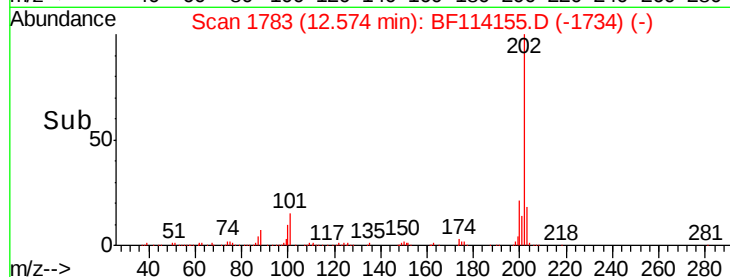
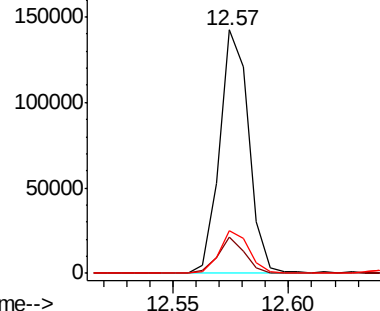
203 17.7 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

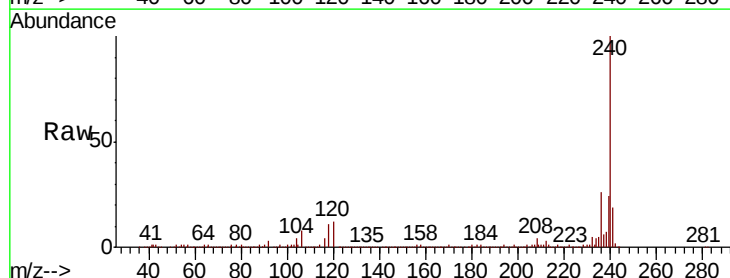
Tgt Ion:240 Resp: 661232

Ion Ratio Lower Upper

240 100

120 11.9 8.3 12.5

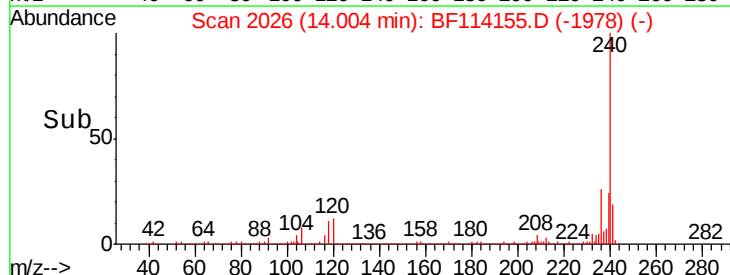
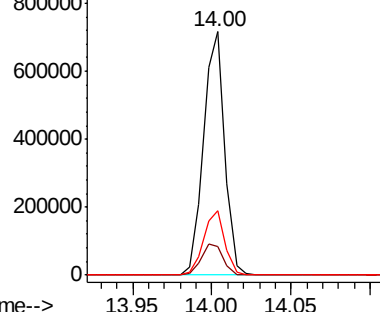
236 26.5 20.8 31.2

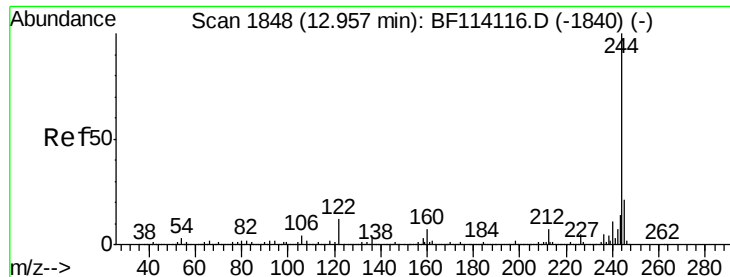


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.731 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

Instrument :

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P021-SS006-0002-01

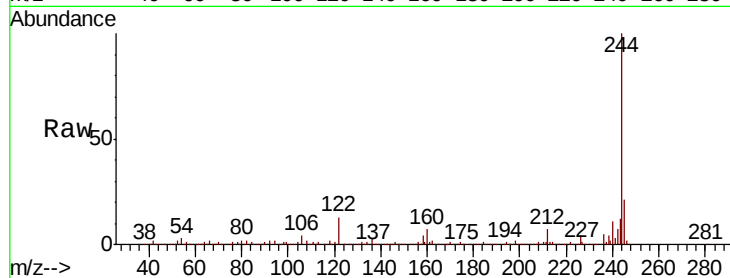
Tot Ion:244 Resp: 2461237

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

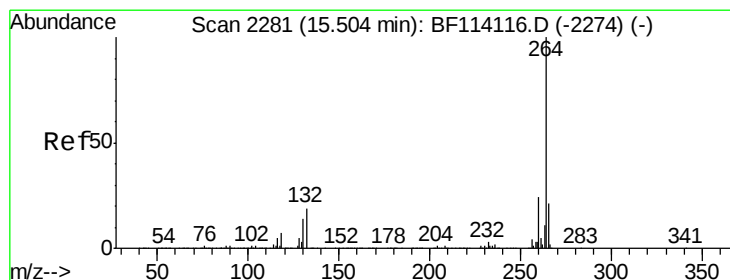
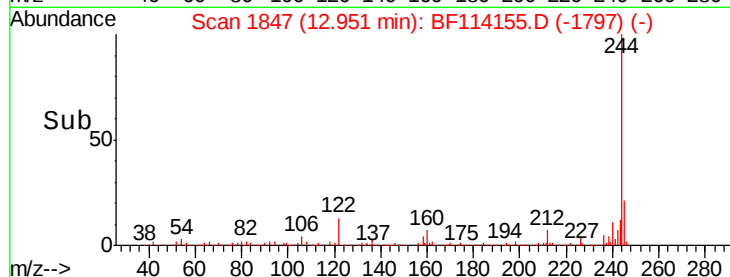
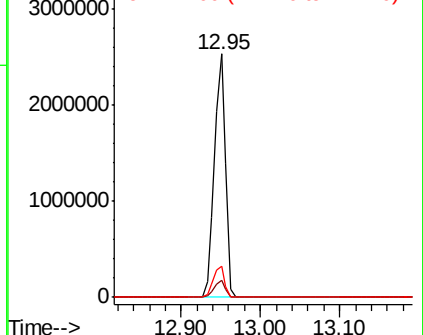
122 12.9 9.4 14.2



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: 15.47 min Scan# 2275

Delta R.T. -0.04 min

Lab File: BF114155.D

Acq: 11 May 2019 14:28

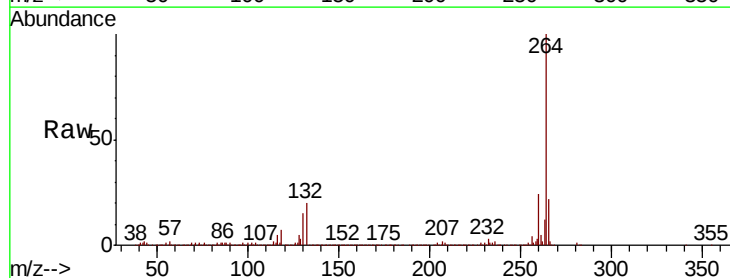
Tgt Ion:264 Resp: 710848

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 22.1 16.9 25.3



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

