

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098113.D
 Acq On : 29 Aug 2017 16:19
 Operator : SJ/JU
 Sample : I4988-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FF1-COMP

Quant Time: Aug 30 04:35:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

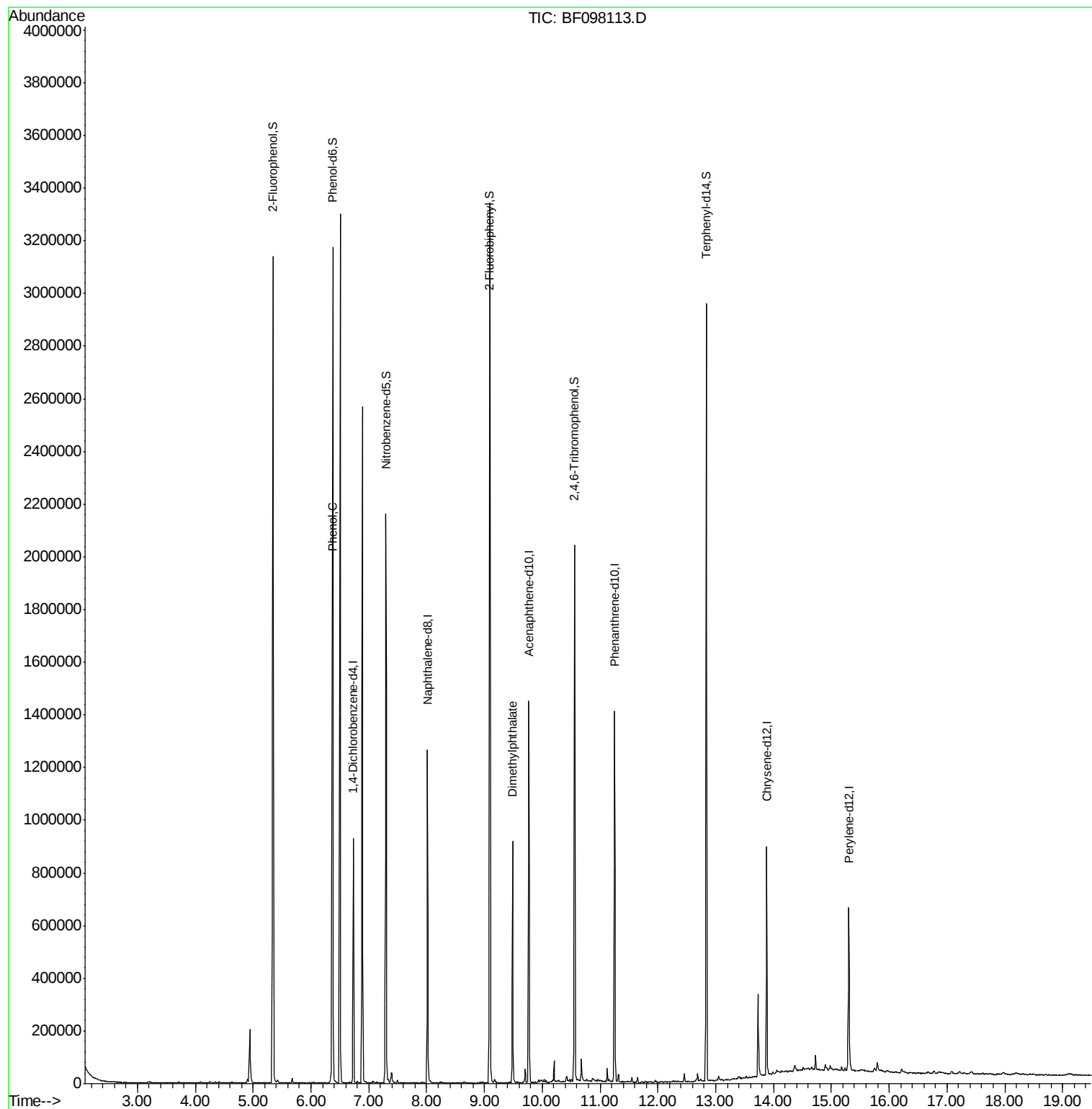
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	129682	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	534687	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	247932	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	463337	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	298846	20.00	ng	-0.02
86) Perylene-d12	15.30	264	269523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1015863	119.15	ng	0.00
7) Phenol-d6	6.37	99	1392304	120.19	ng	-0.01
23) Nitrobenzene-d5	7.30	82	876237	89.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	278679	129.54	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1183714	70.14	ng	-0.01
78) Terphenyl-d14	12.84	244	920218	64.21	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	53908	3.979	ng	85
49) Dimethylphthalate	9.49	163	339732	18.746	ng	100

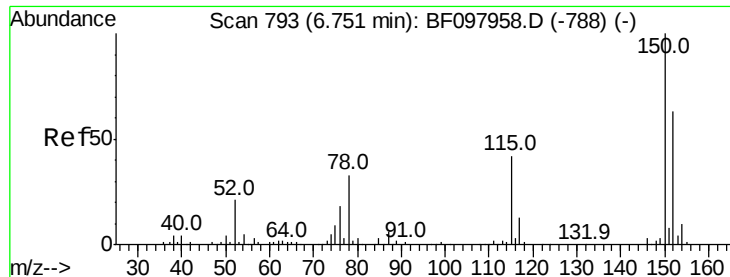
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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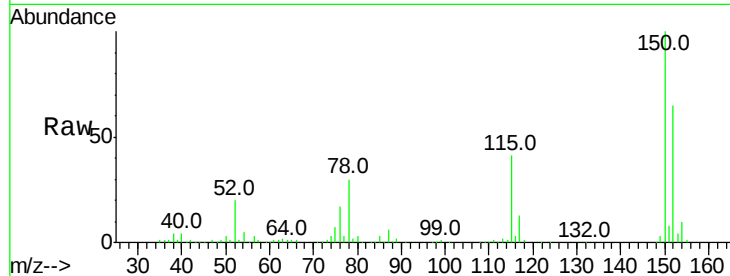


#1

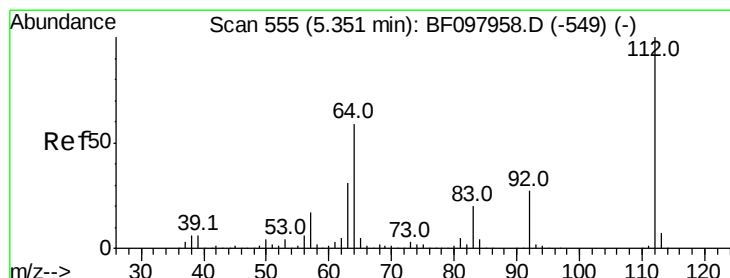
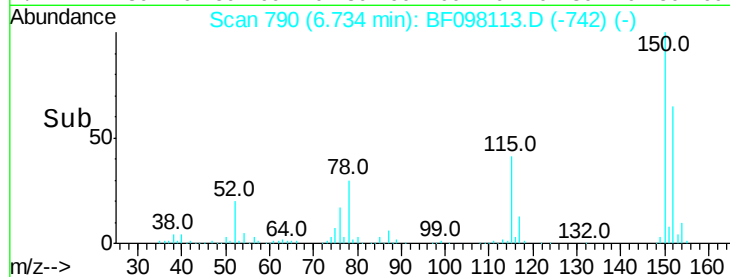
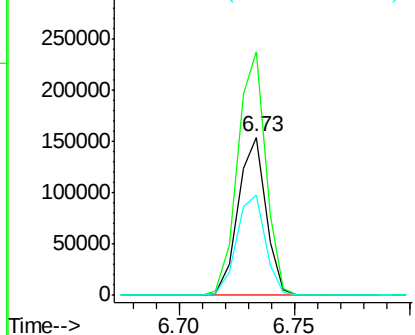
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098113.D
Acq: 29 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
FF1-COMP

Tot Ion:152 Resp: 129682
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 63.3 52.2 78.2



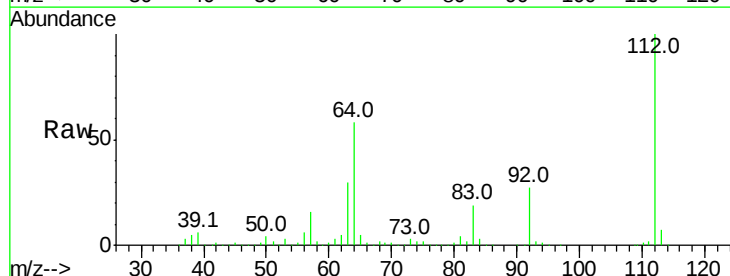
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



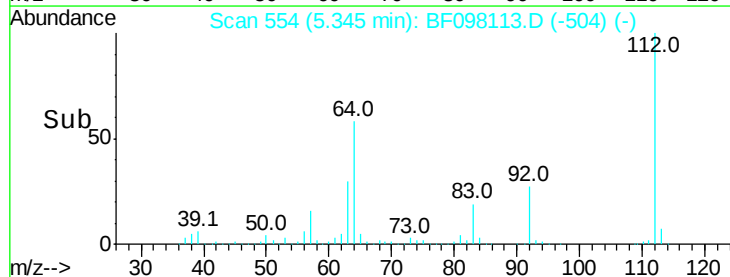
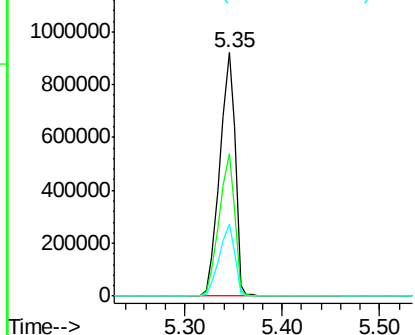
#5

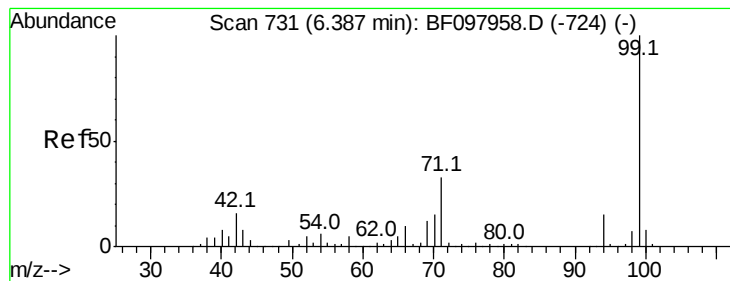
2-Fluorophenol
Concen: 119.153 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098113.D
Acq: 29 Aug 2017 16:19

Tgt Ion:112 Resp: 1015863
Ion Ratio Lower Upper
112 100
64 58.3 46.0 69.0
63 29.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.192 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098113.D

Acq: 29 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

FF1-COMP

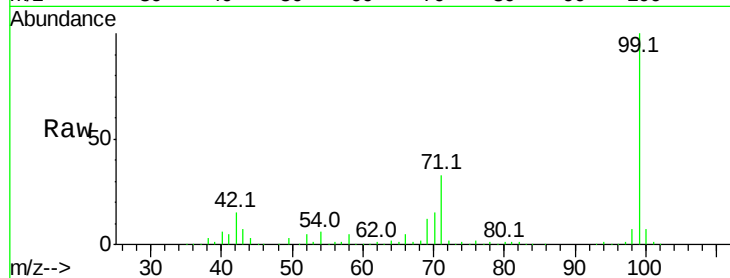
Tot Ion: 99 Resp: 1392304

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

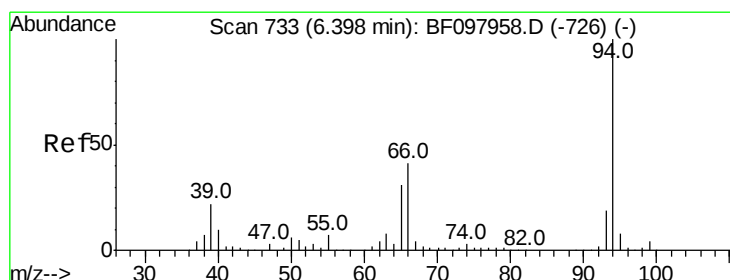
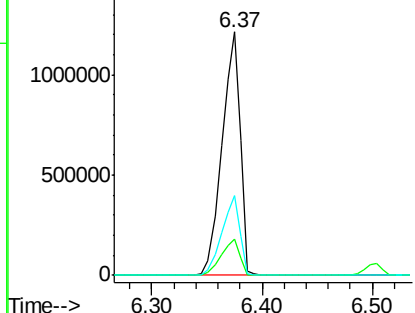
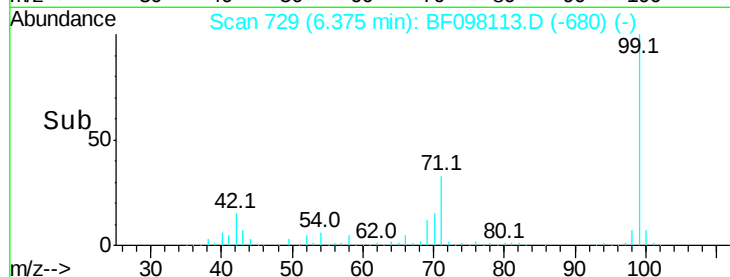
71 32.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.979 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098113.D

Acq: 29 Aug 2017 16:19

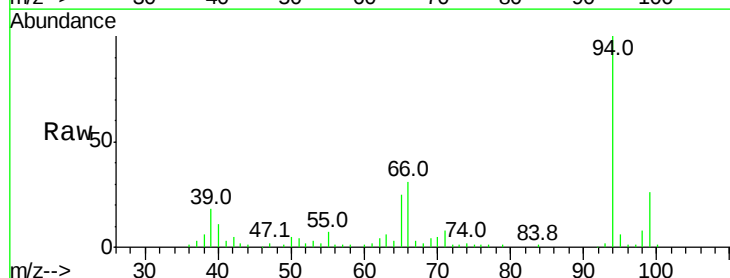
Tgt Ion: 94 Resp: 53908

Ion Ratio Lower Upper

94 100

65 25.4 9.9 49.9

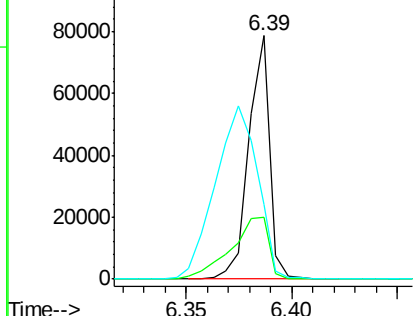
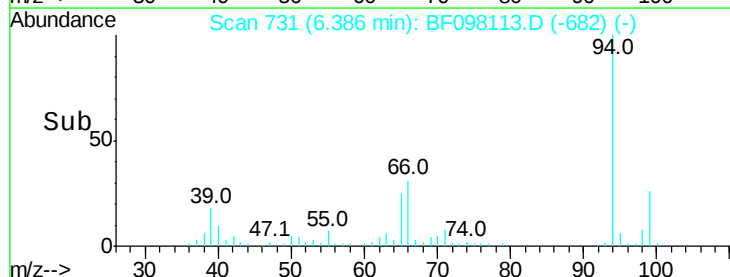
66 30.8 23.1 63.1

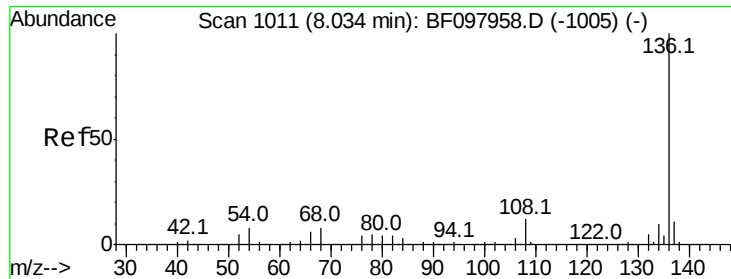


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

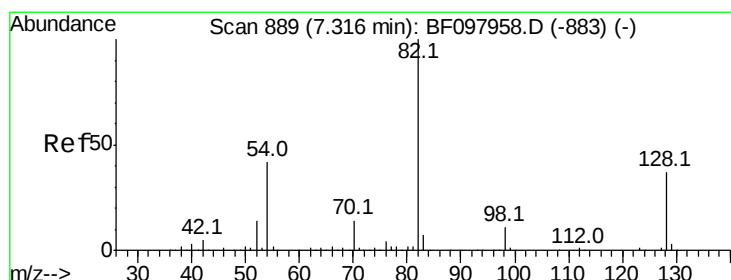
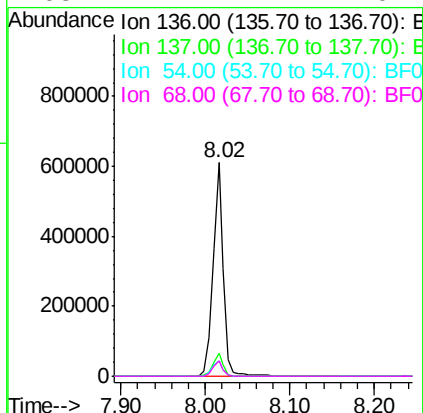
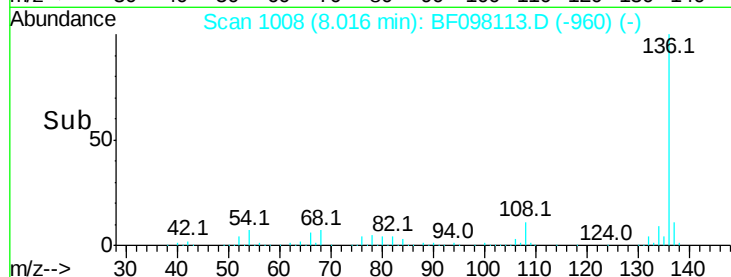
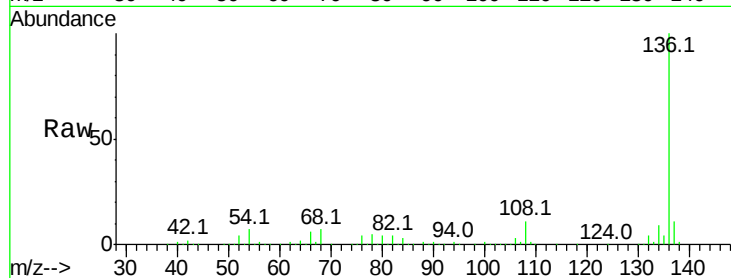




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098113.D
Acq: 29 Aug 2017 16:19

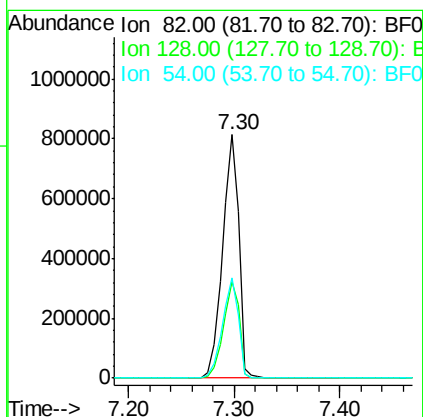
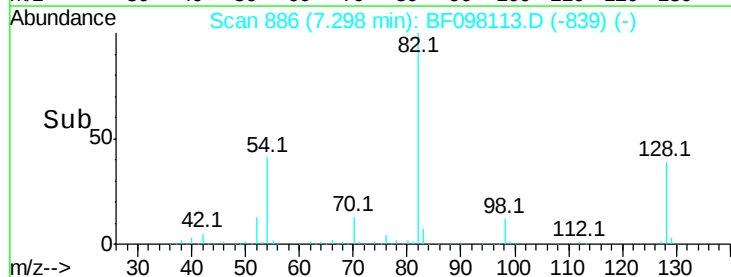
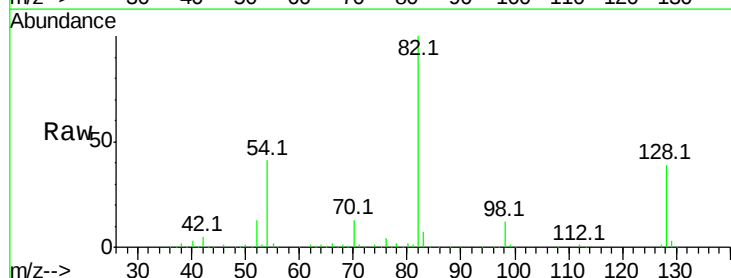
Instrument :
BNA_F
ClientSampleId :
FF1-COMP

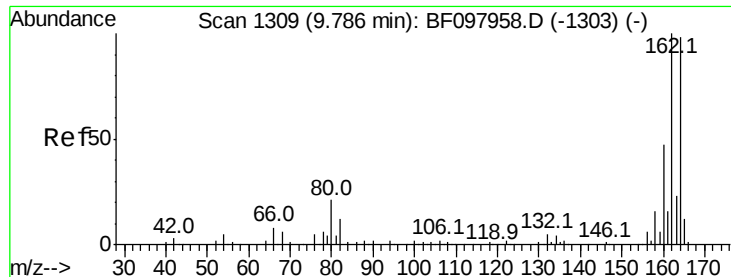
Tot Ion:	136	Resp:	534687
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.4	4.9	7.3#
68	7.2	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 89.026 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF098113.D
Acq: 29 Aug 2017 16:19

Tgt Ion:	82	Resp:	876237
Ion	Ratio	Lower	Upper
82	100		
128	39.4	34.0	51.0
54	41.1	42.2	63.2#

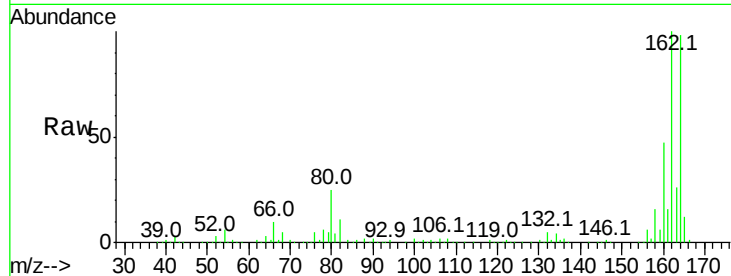




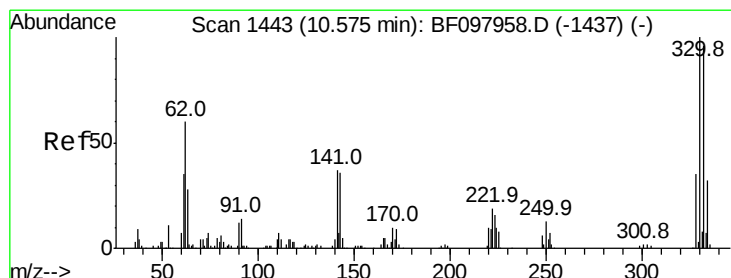
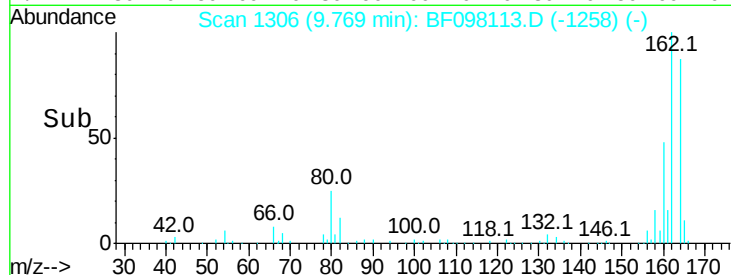
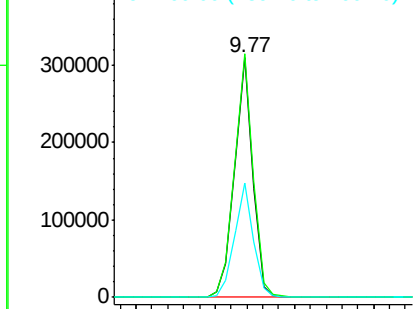
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098113.D
 Acq: 29 Aug 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 FF1-COMP

Tot Ion:164 Resp: 247932
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 123.8
 160 47.8 36.2 54.2

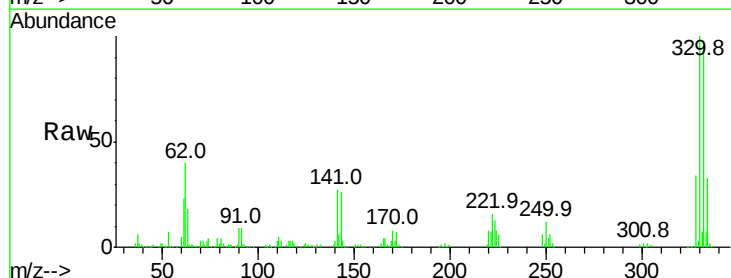


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

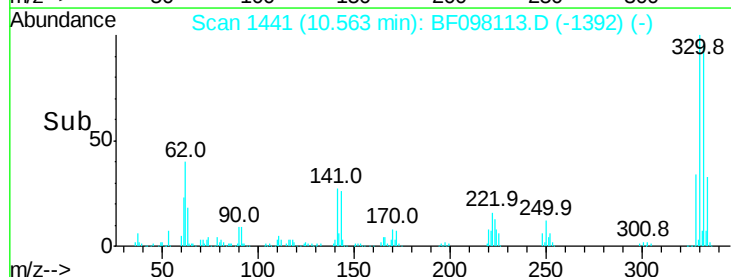
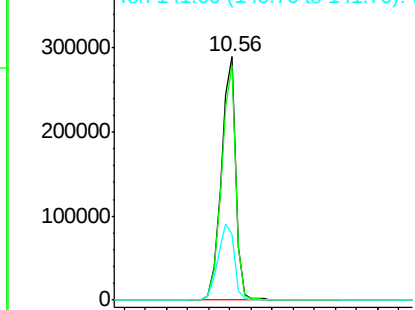


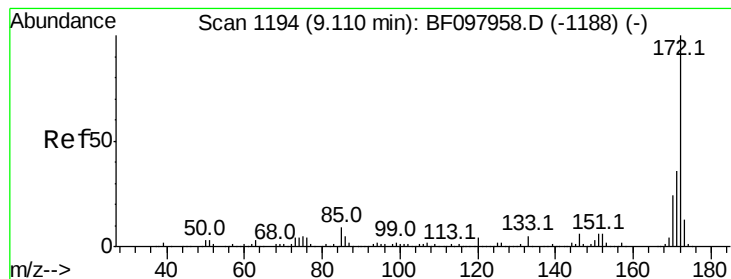
#41
 2,4,6-Tribromophenol
 Concen: 129.545 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098113.D
 Acq: 29 Aug 2017 16:19

Tgt Ion:330 Resp: 278679
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 35.5 31.4 47.2



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





#44

2-Fluorobiphenyl

Concen: 70.145 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF098113.D

Acq: 29 Aug 2017 16:19

Instrument :

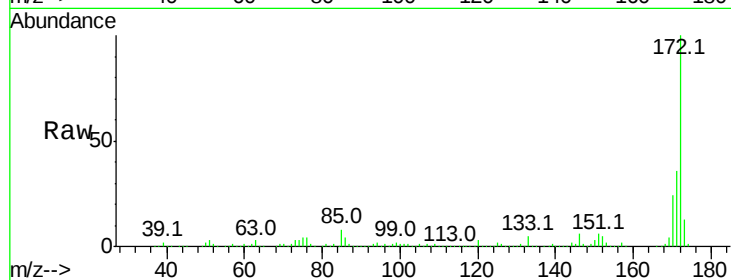
BNA_F

ClientSampleId :

FF1-COMP

Tot Ion:172 Resp: 1183714

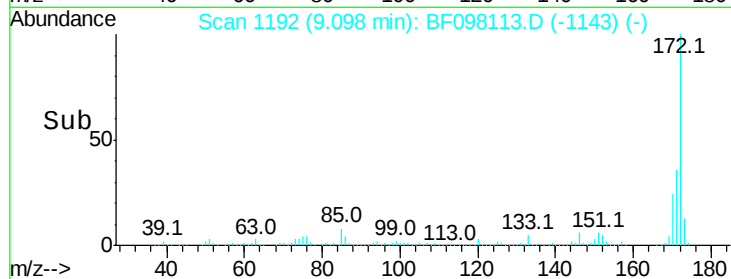
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.5	19.8	29.8



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

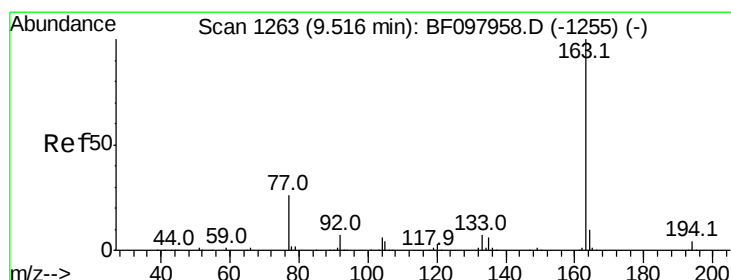


Abundance

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



#49

Dimethylphthalate

Concen: 18.746 ng

RT: 9.49 min Scan# 1258

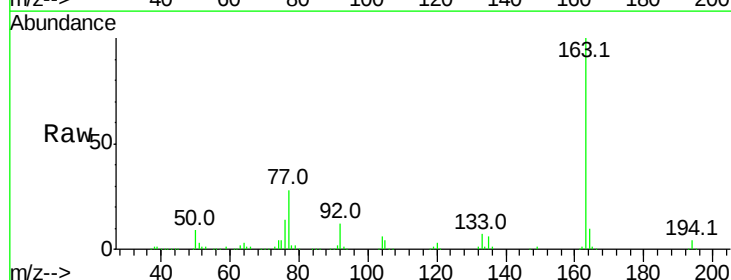
Delta R.T. -0.03 min

Lab File: BF098113.D

Acq: 29 Aug 2017 16:19

Tgt Ion:163 Resp: 339732

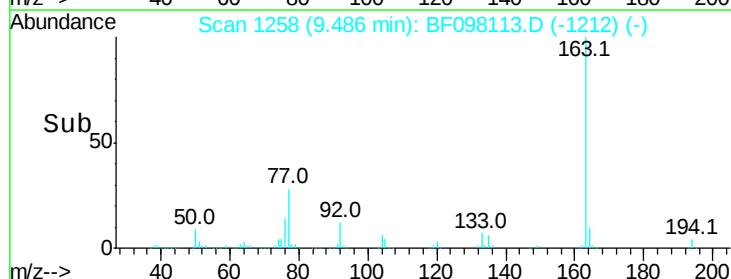
Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.4	8.4	12.6



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

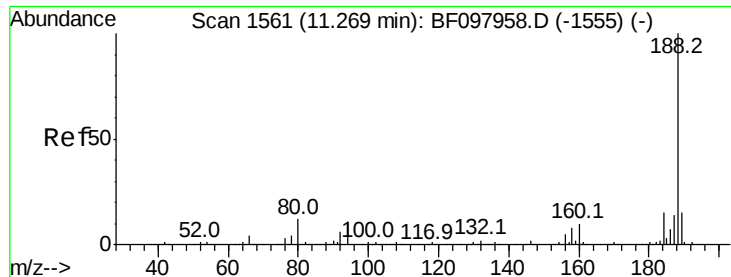


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

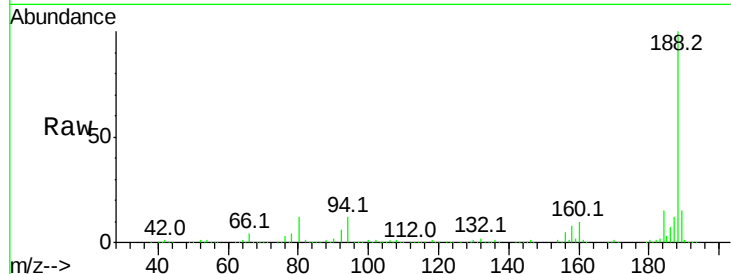
Ion 164.00 (163.70 to 164.70): E



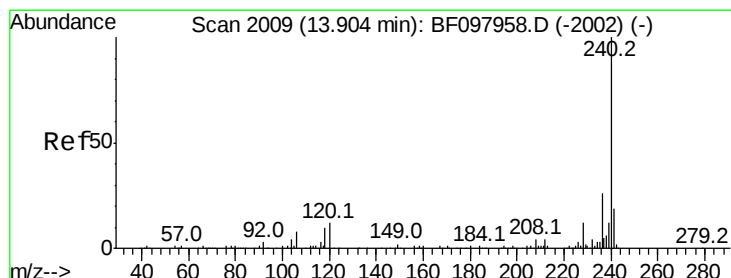
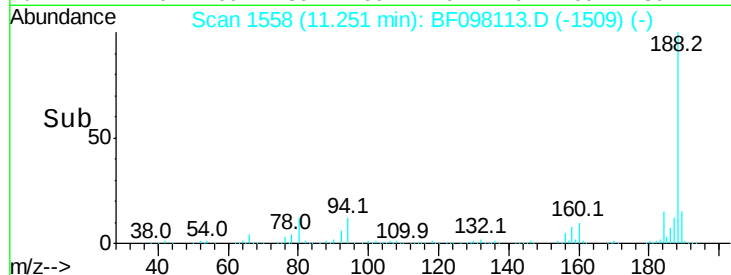
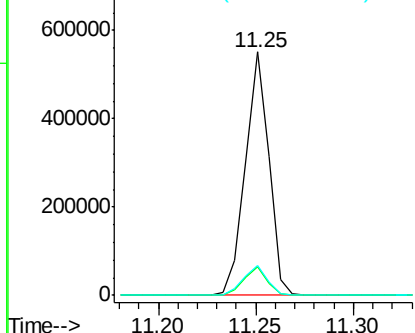
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098113.D
Acq: 29 Aug 2017 16:19

Instrument :
BNA_F
ClientSampleId :
FF1-COMP

Tot Ion:188 Resp: 463337
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.3 10.2 15.2

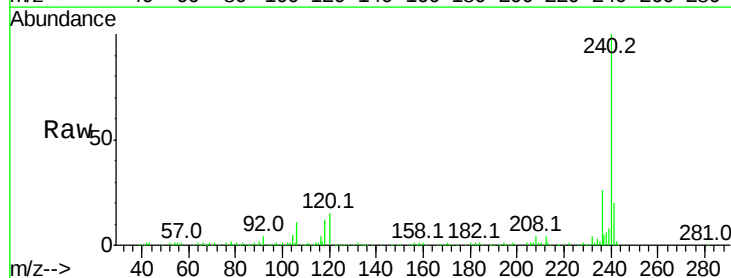


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

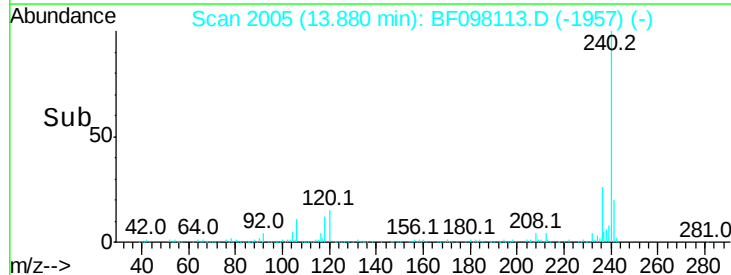
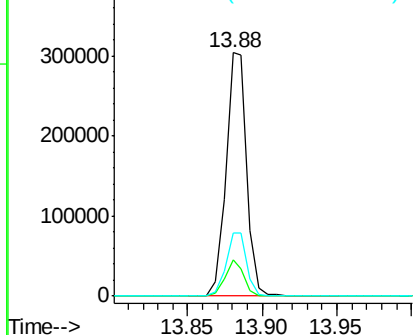


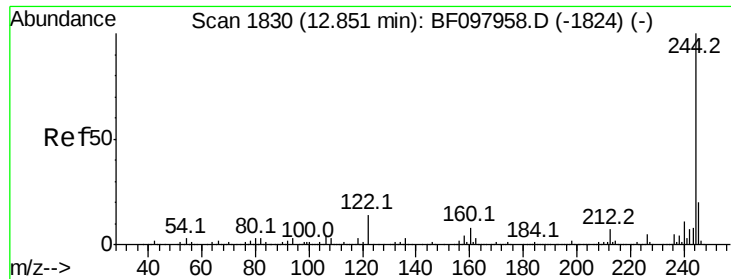
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF098113.D
Acq: 29 Aug 2017 16:19

Tgt Ion:240 Resp: 298846
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.7 20.5 30.7



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





#78

Terphenyl-d14

Concen: 64.212 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098113.D

Acq: 29 Aug 2017 16:19

Instrument :

BNA_F

ClientSampleId :

FF1-COMP

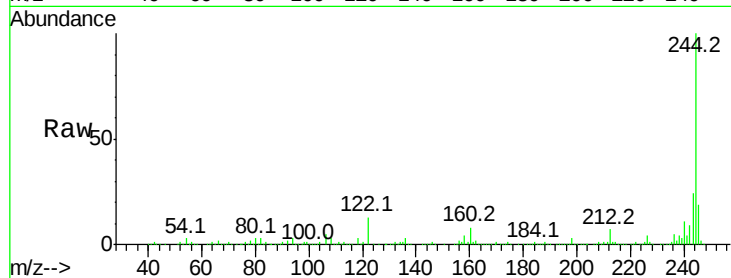
Tot Ion:244 Resp: 920218

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

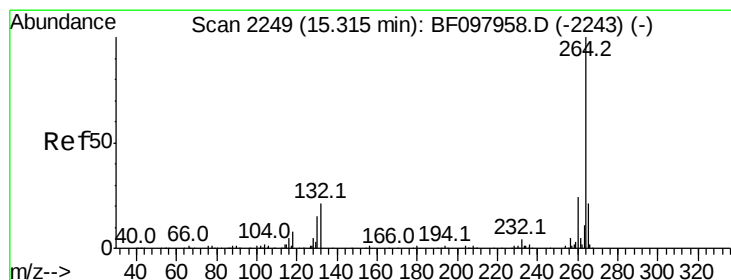
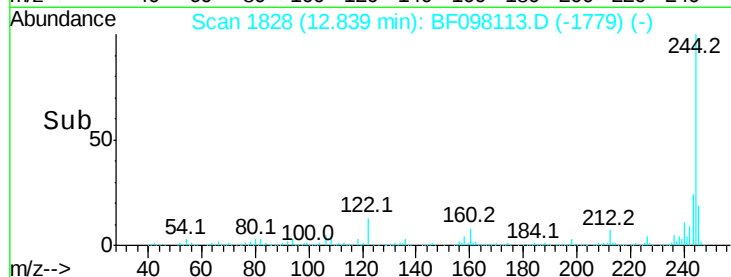
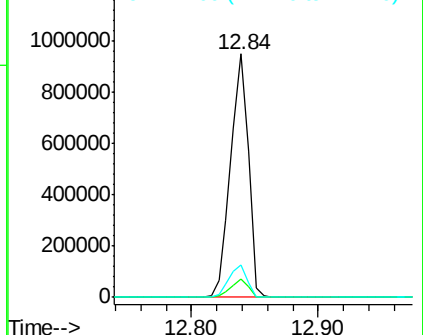
122 13.2 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BF098113.D

Acq: 29 Aug 2017 16:19

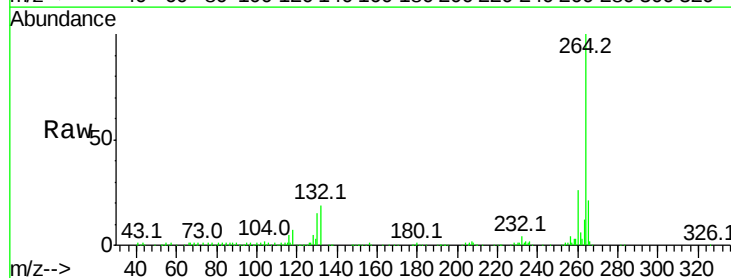
Tgt Ion:264 Resp: 269523

Ion Ratio Lower Upper

264 100

260 25.5 19.5 29.3

265 21.2 17.2 25.8



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

