

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098820.D
 Acq On : 26 Sep 2017 9:28
 Operator : SJ/JU
 Sample : I5384-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092017-SIDI-F-U-B

Quant Time: Sep 26 11:27:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

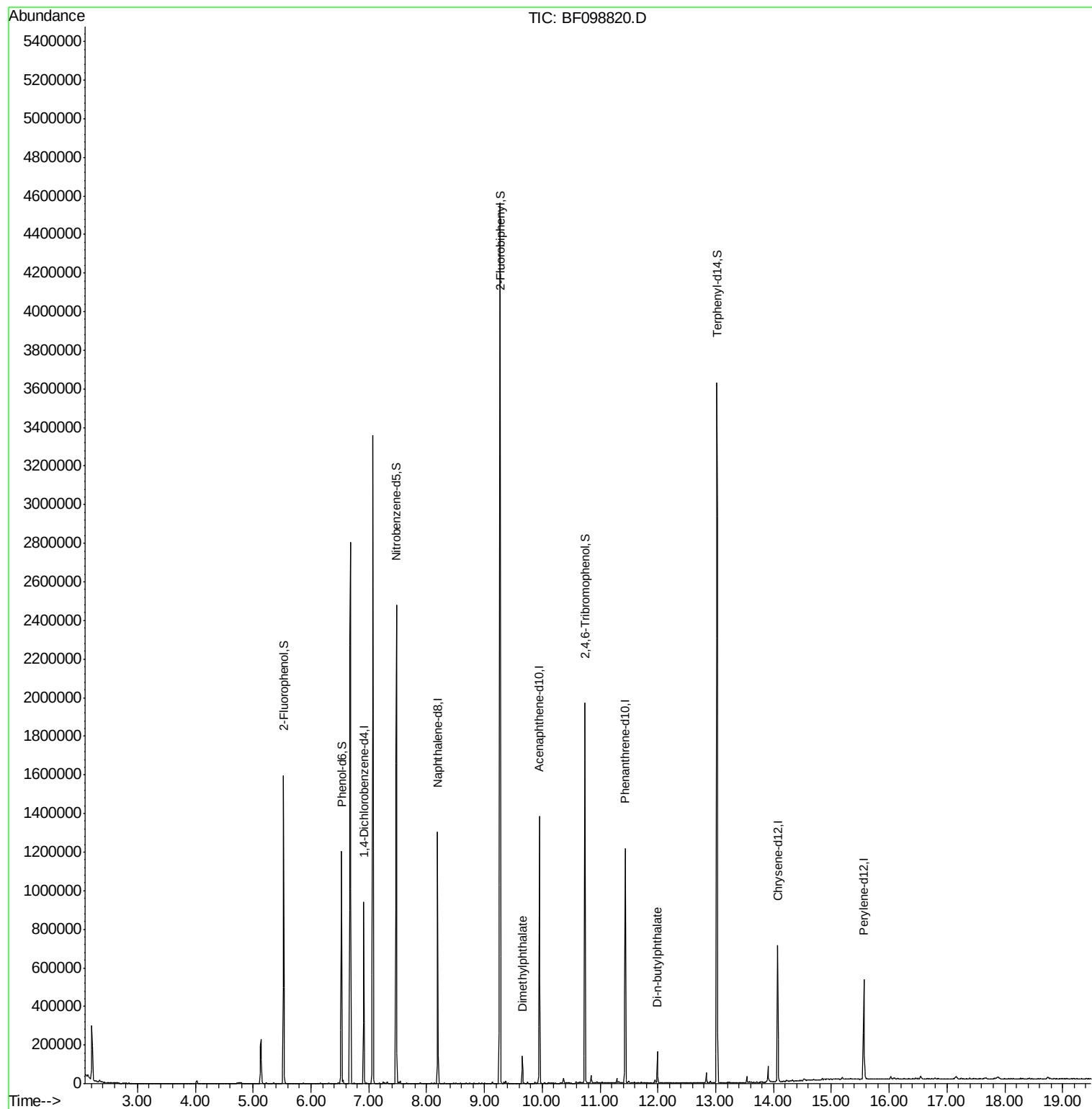
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	131910	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	552558	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	254541	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	424168	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	232508	20.00	ng	-0.01
86) Perylene-d12	15.56	264	220450	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	424053	51.18	ng	-0.01
7) Phenol-d6	6.53	99	350911	34.33	ng	-0.02
23) Nitrobenzene-d5	7.47	82	945841	109.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	212127	101.85	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1659583	108.84	ng	0.00
78) Terphenyl-d14	13.02	244	1153990	112.87	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.66	163	48973	2.549	ng	99
73) Di-n-butylphthalate	11.99	149	83348	3.044	ng	99

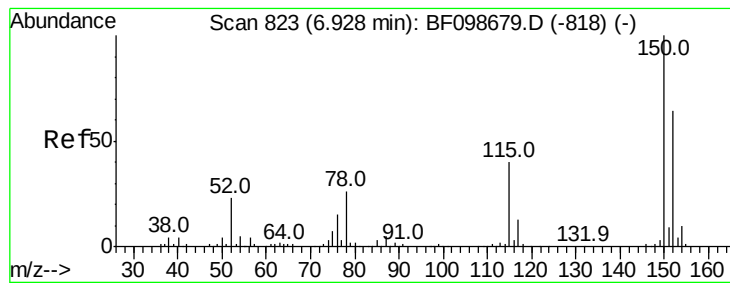
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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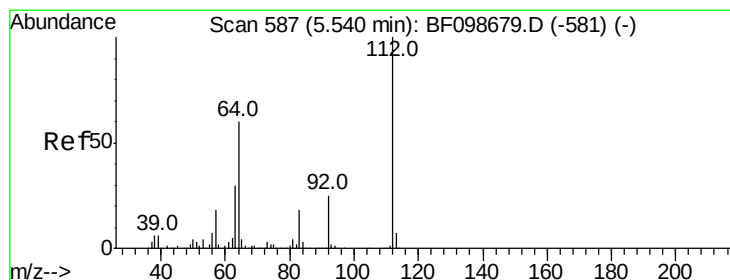
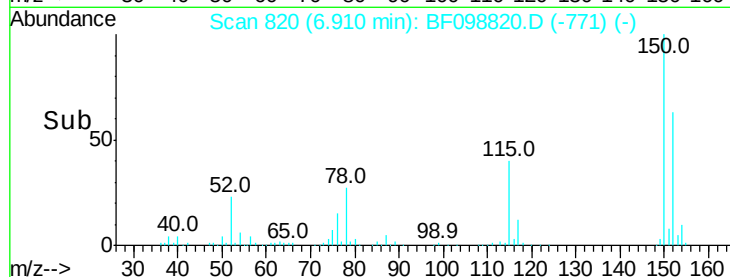
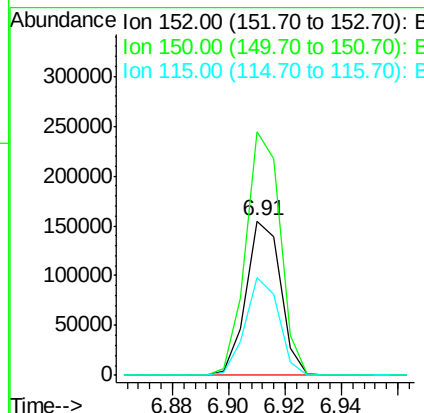
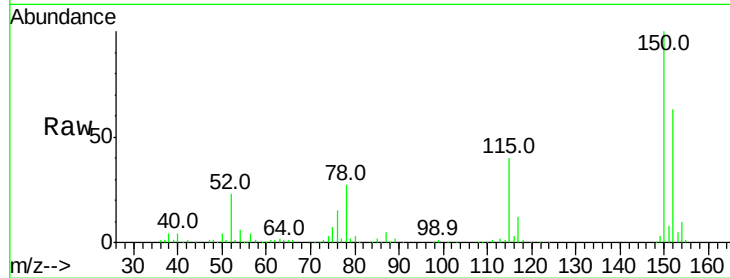


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF098820.D
Acq: 26 Sep 2017 9:28

Instrument :
BNA_F
ClientSampleId :
092017-SIDI-F-U-B

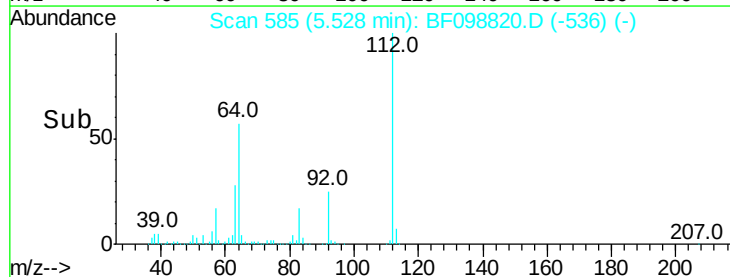
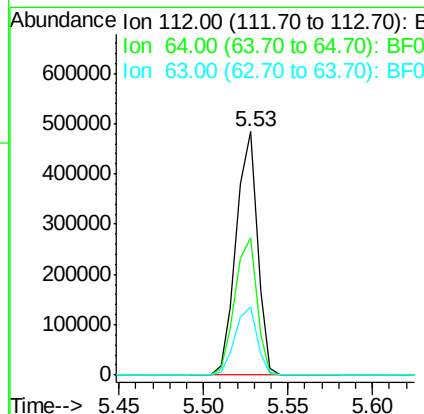
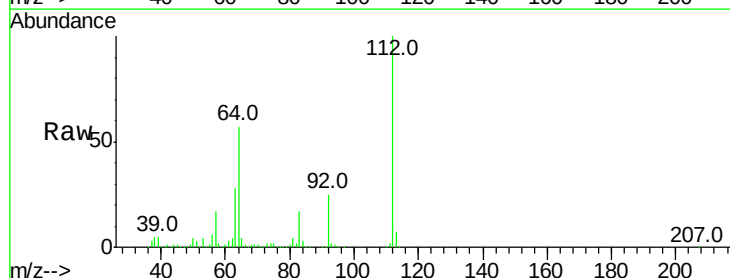
Tot Ion:152 Resp: 131910
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 63.4 50.1 75.1

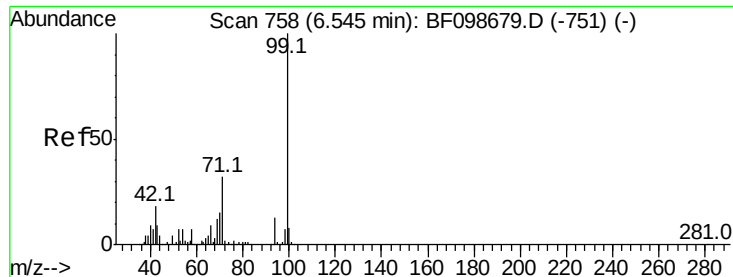


#5

2-Fluorophenol
Concen: 51.175 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098820.D
Acq: 26 Sep 2017 9:28

Tgt Ion:112 Resp: 424053
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 28.2 23.7 35.5





#7

Phenol-d6

Concen: 34.329 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098820.D

Acq: 26 Sep 2017 9:28

Instrument :

BNA_F

ClientSampleId :

092017-SIDI-F-U-B

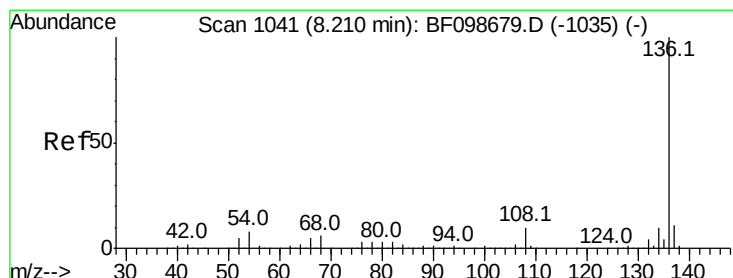
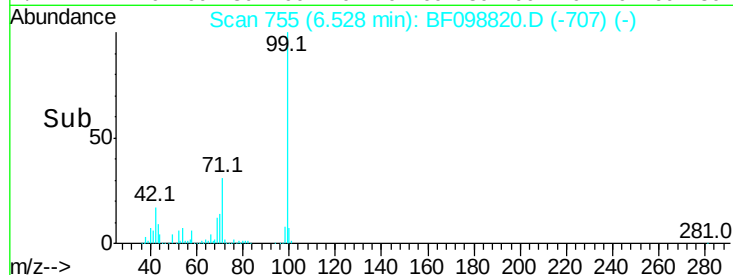
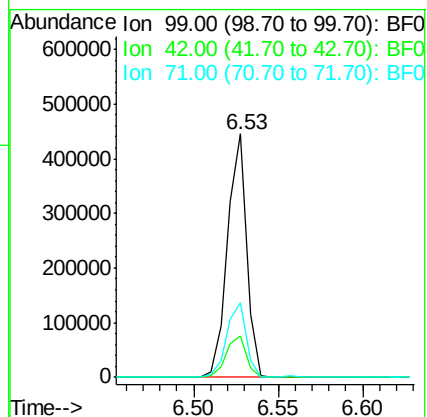
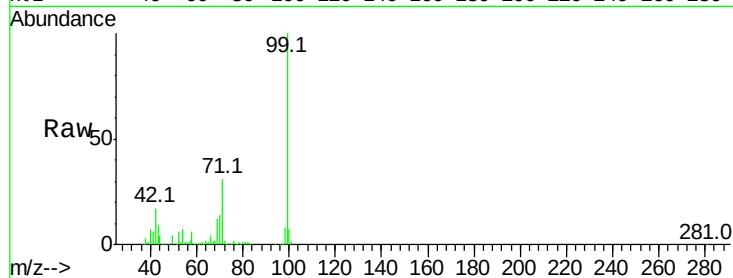
Tot Ion: 99 Resp: 350911

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

71 30.9 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098820.D

Acq: 26 Sep 2017 9:28

Tgt Ion: 136 Resp: 552558

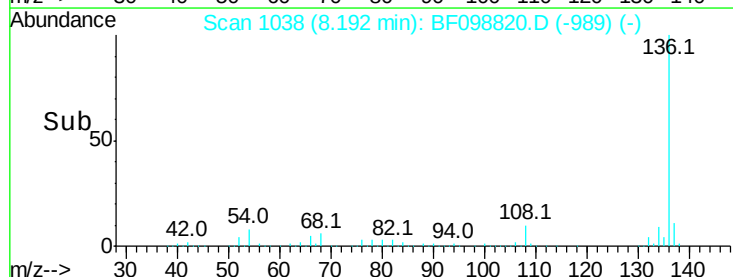
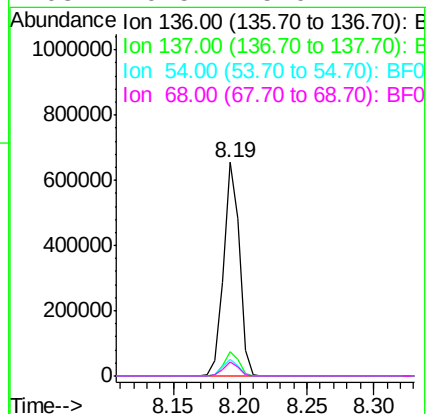
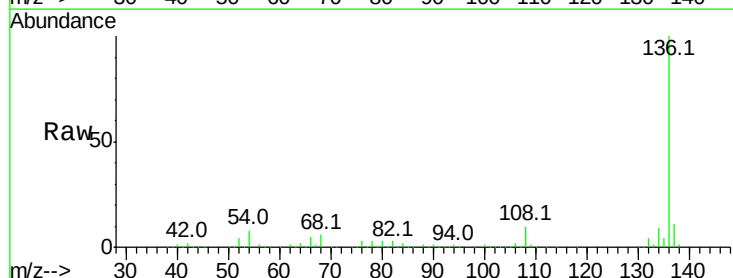
Ion Ratio Lower Upper

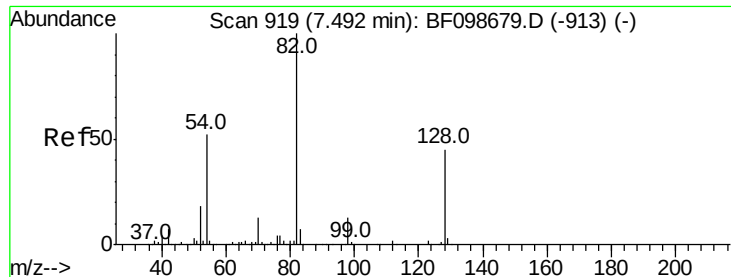
136 100

137 11.2 8.9 13.3

54 8.1 6.6 9.8

68 6.5 5.0 7.4

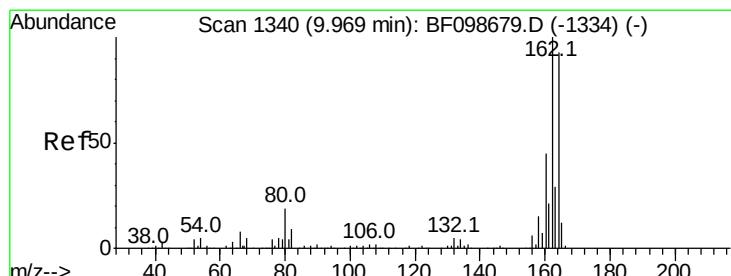
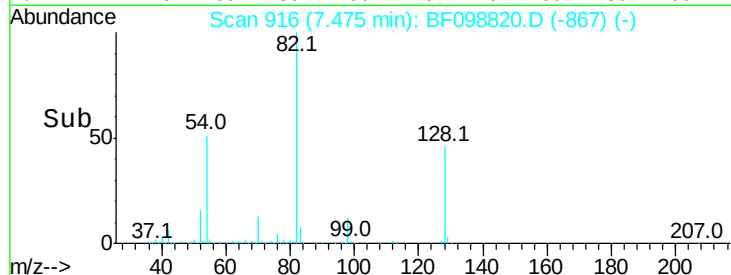
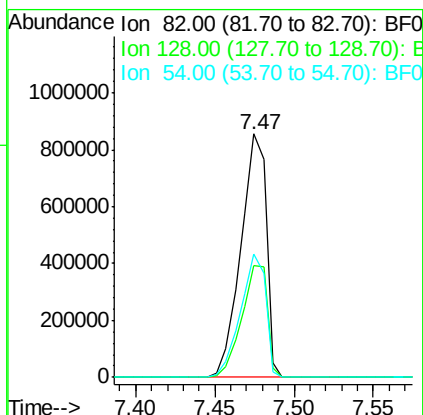
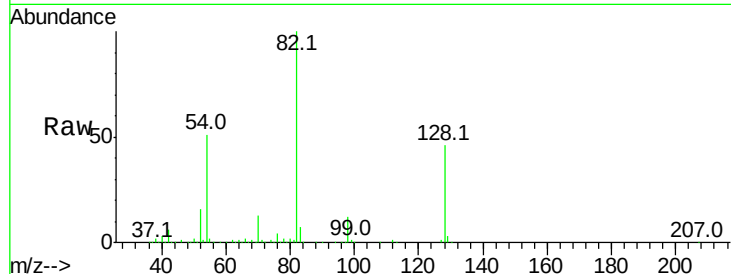




#23
 Nitrobenzene-d5
 Concen: 109.775 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098820.D
 Acq: 26 Sep 2017 9:28

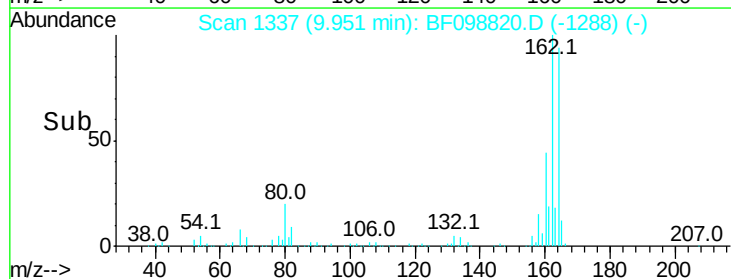
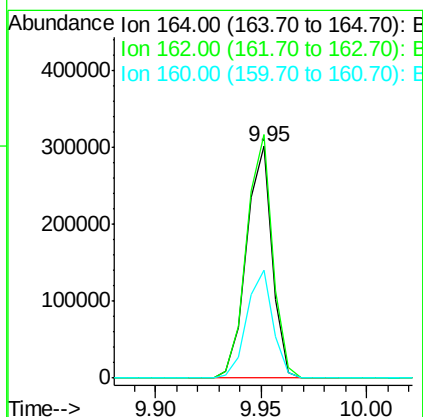
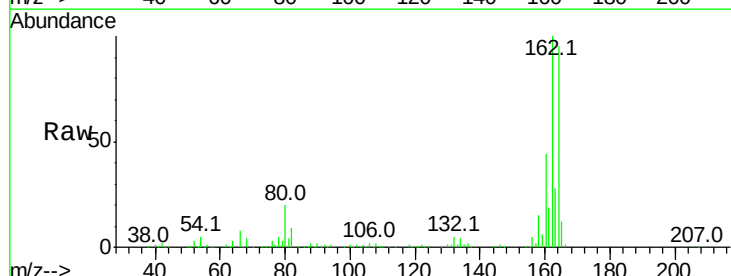
Instrument :
 BNA_F
 ClientSampleId :
 092017-SIDI-F-U-B

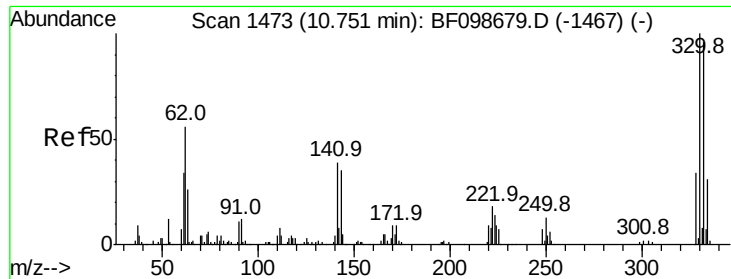
Tot Ion: 82 Resp: 945841
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 50.7 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098820.D
 Acq: 26 Sep 2017 9:28

Tgt Ion: 164 Resp: 254541
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 46.5 38.3 57.5

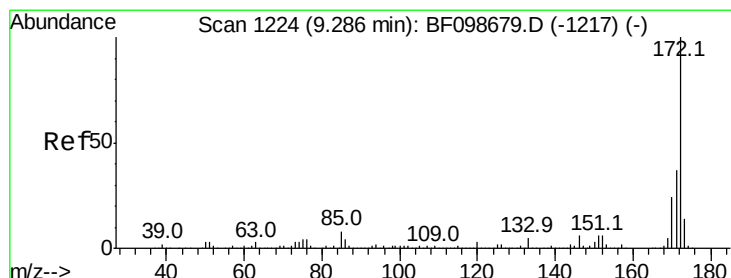
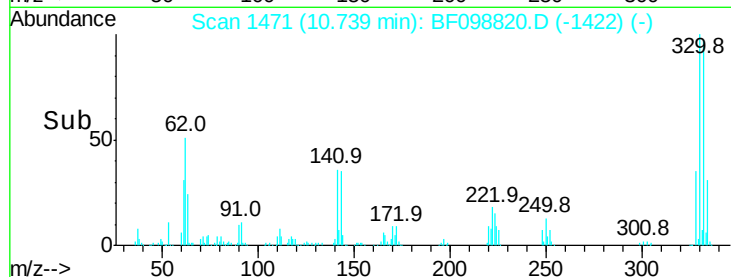
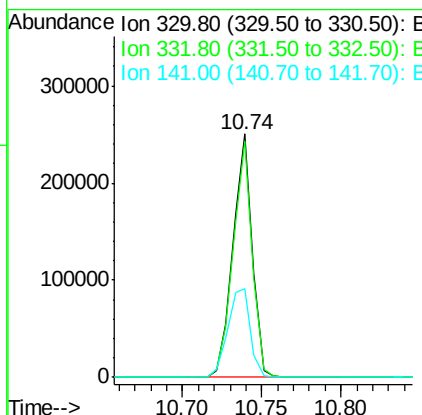
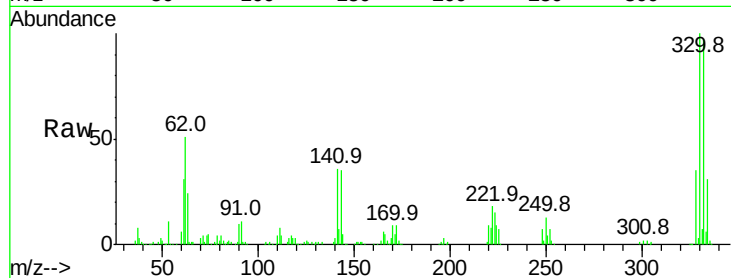




#41
 2,4,6-Tribromophenol
 Concen: 101.845 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098820.D
 Acq: 26 Sep 2017 9:28

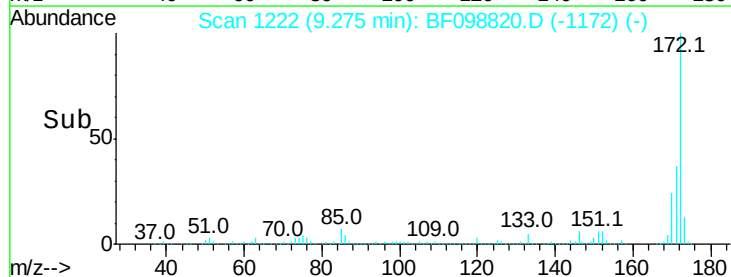
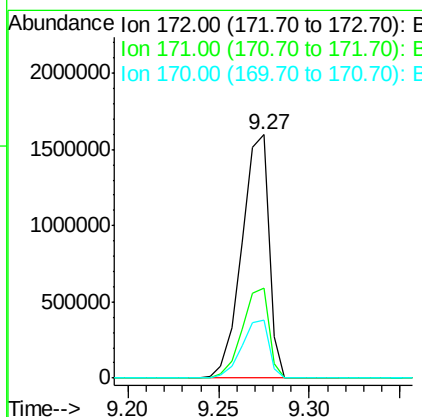
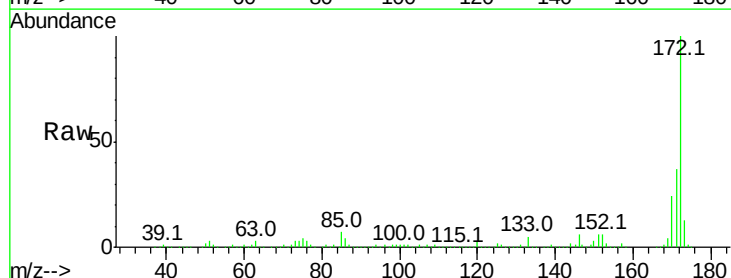
Instrument :
 BNA_F
 ClientSampleId :
 092017-SIDI-F-U-B

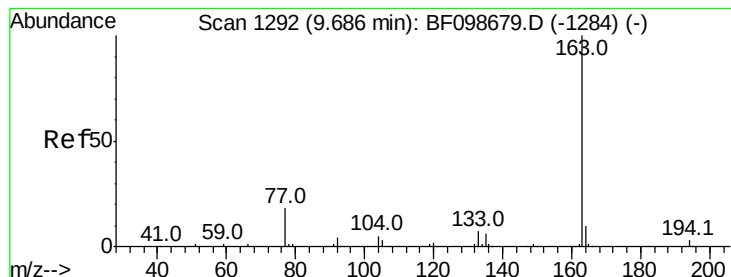
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	42.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 108.844 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098820.D
 Acq: 26 Sep 2017 9:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.0	19.6	29.4





#49

Dimethylphthalate

Concen: 2.549 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF098820.D

Acq: 26 Sep 2017 9:28

Instrument :

BNA_F

ClientSampleId :

092017-SIDI-F-U-B

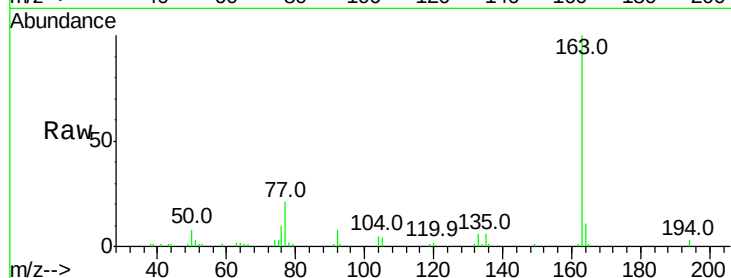
Tot Ion:163 Resp: 48973

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

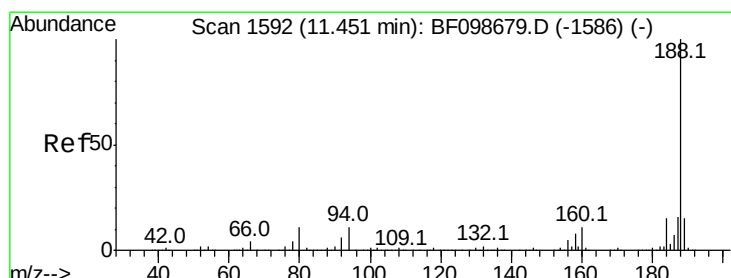
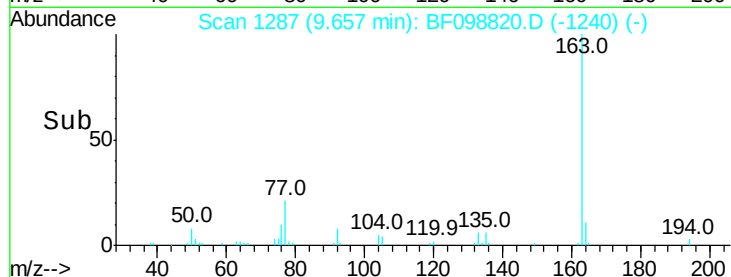
164 10.7 8.2 12.2



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF098820.D

Acq: 26 Sep 2017 9:28

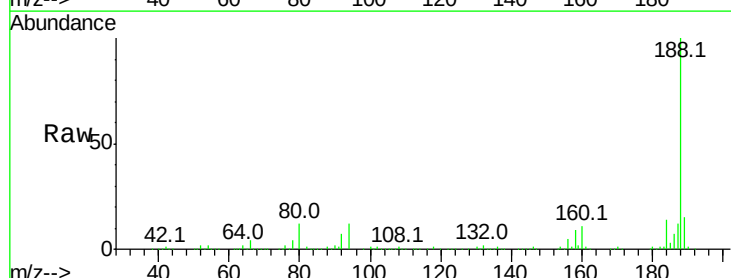
Tgt Ion:188 Resp: 424168

Ion Ratio Lower Upper

188 100

94 11.8 8.5 12.7

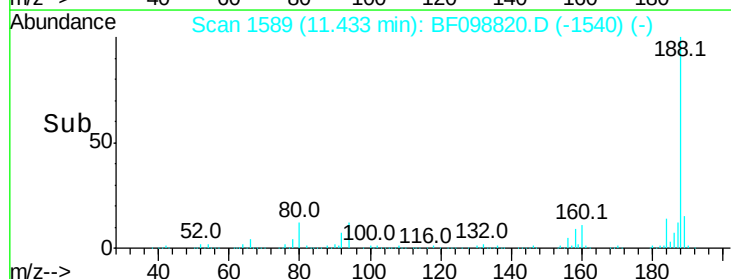
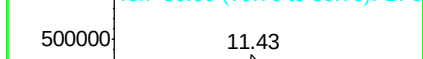
80 12.4 9.2 13.8

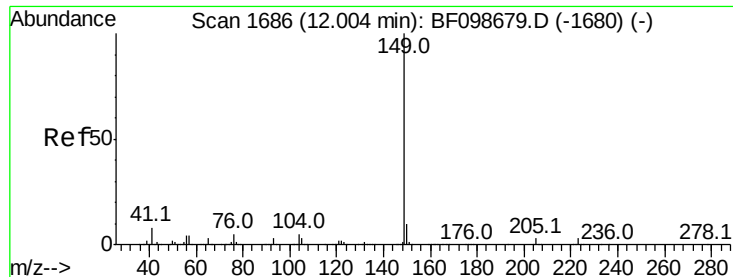


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: 3.044 ng

RT: 11.99 min Scan# 1684

Delta R.T. -0.01 min

Lab File: BF098820.D

Acq: 26 Sep 2017 9:28

Instrument :

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ClientSampleId :

092017-SIDI-F-U-B

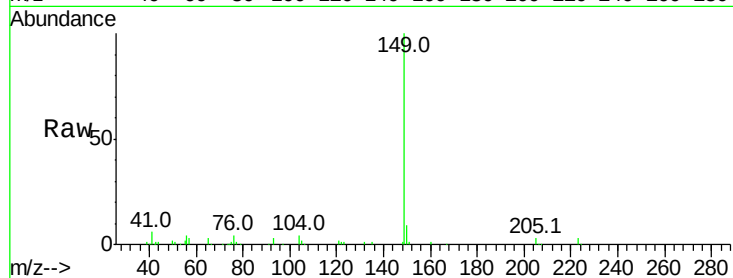
Tot Ion:149 Resp: 83348

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

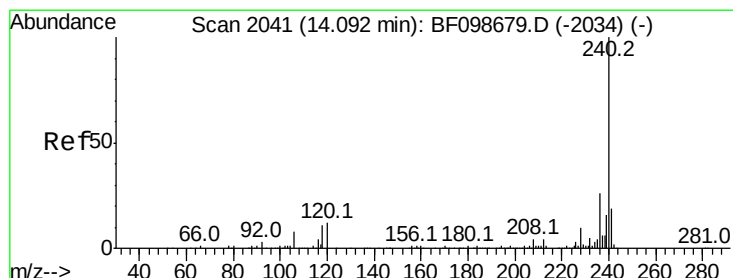
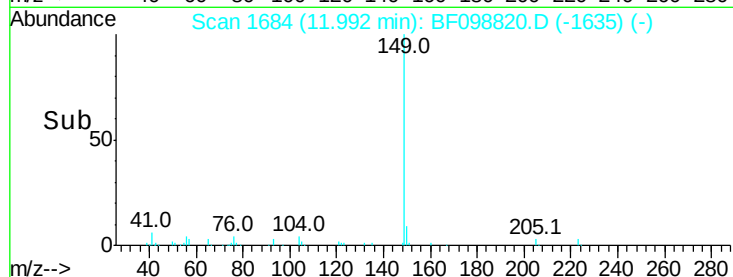
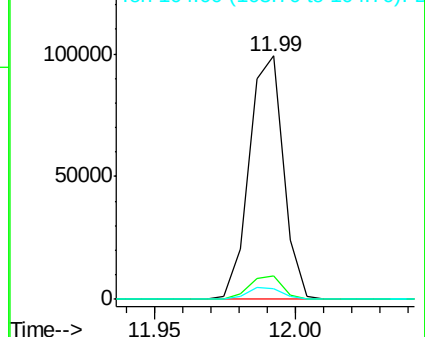
104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098820.D

Acq: 26 Sep 2017 9:28

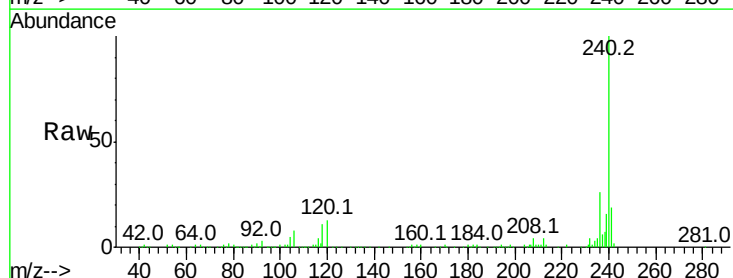
Tgt Ion:240 Resp: 232508

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

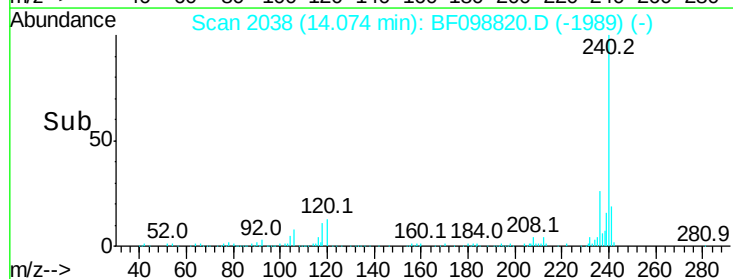
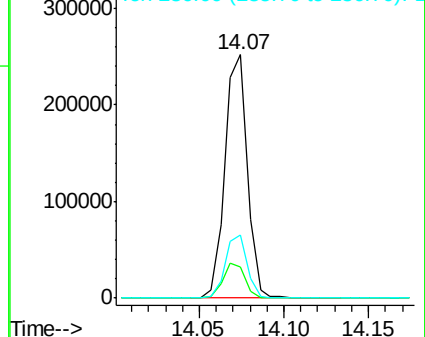
236 26.1 20.7 31.1

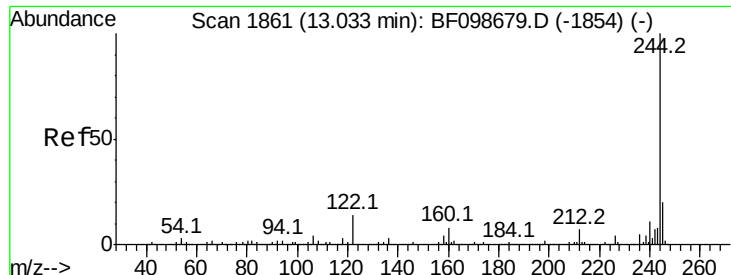


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 112.874 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098820.D

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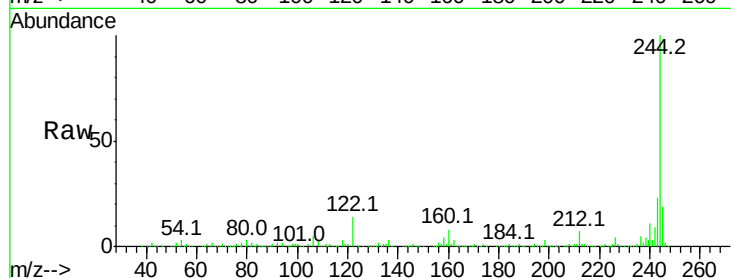
Tot Ion:244 Resp: 1153990

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

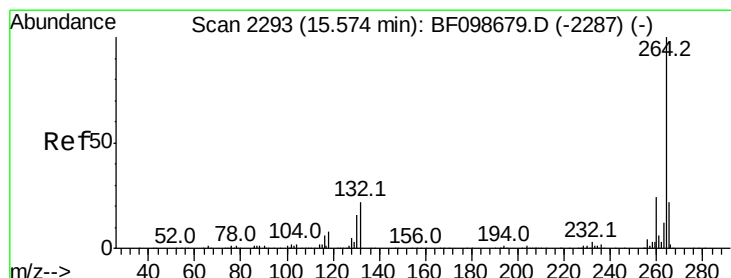
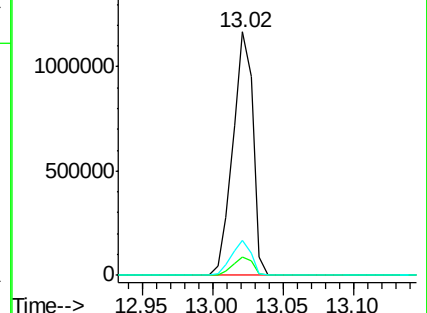
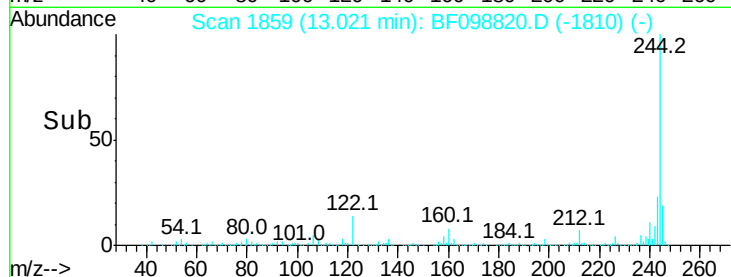
122 14.3 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098820.D

Acq: 26 Sep 2017 9:28

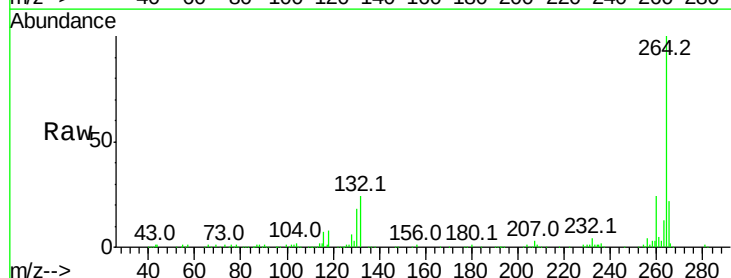
Tgt Ion:264 Resp: 220450

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.1 17.5 26.3



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

