

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
 Data File : BF118216.D
 Acq On : 17 Dec 2019 00:27
 Operator : JU
 Sample : K6218-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TI-604

Quant Time: Dec 17 04:38:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

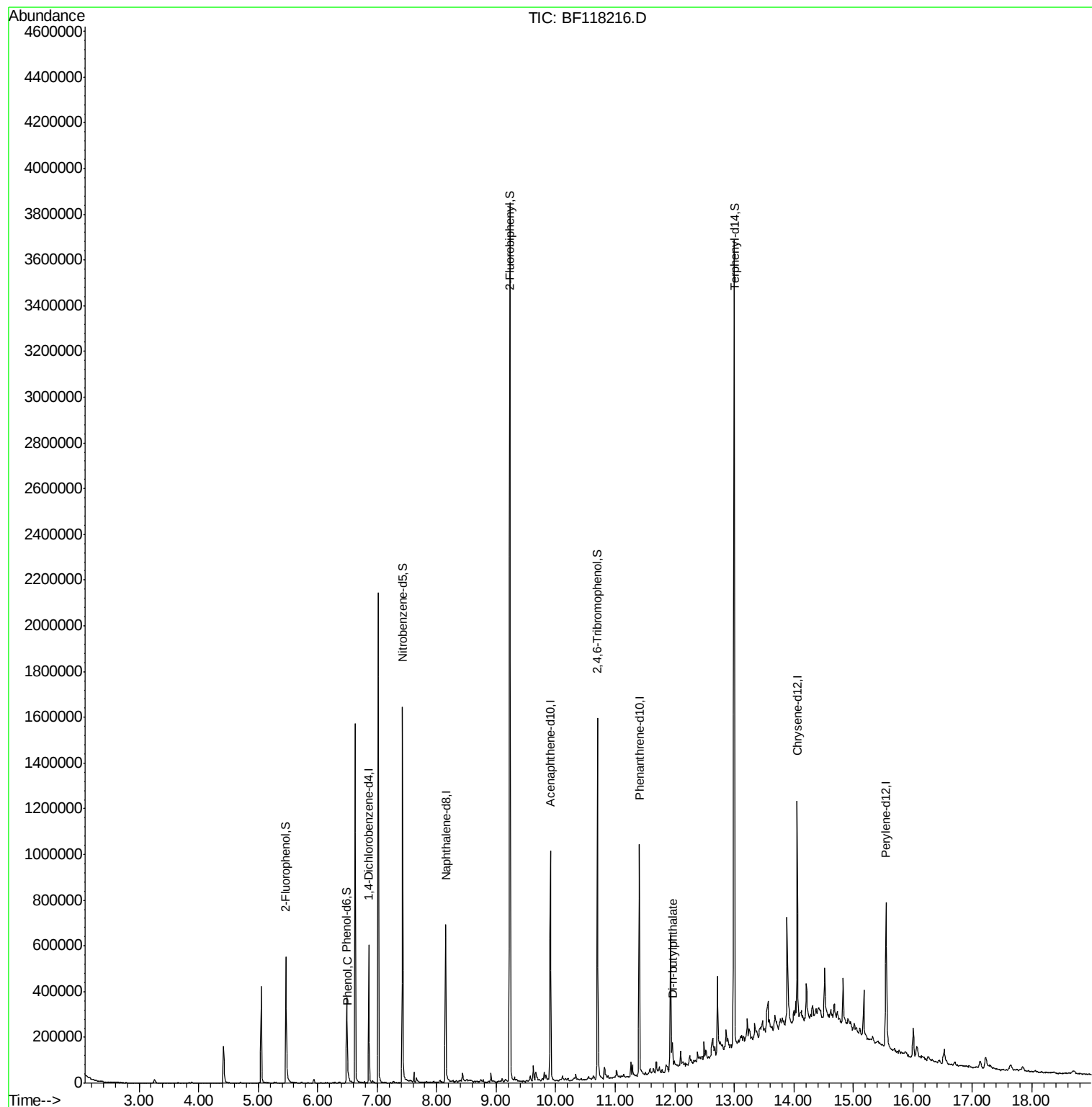
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	91481	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	350560	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	190457	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	367475	20.00	ng	0.00
76) Chrysene-d12	14.06	240	292950	20.00	ng	-0.01
87) Perylene-d12	15.54	264	287425	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	178855	34.24	ng	-0.01
7) Phenol-d6	6.49	99	141076	22.33	ng	-0.01
23) Nitrobenzene-d5	7.43	82	496408	79.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	208439	90.09	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1098349	87.75	ng	-0.01
79) Terphenyl-d14	13.00	244	1192917	70.02	ng	0.00
Target Compounds						
10) Phenol	6.50	94	15587	2.163	ng	97
74) Di-n-butylphthalate	11.96	149	45540	2.081	ng	99

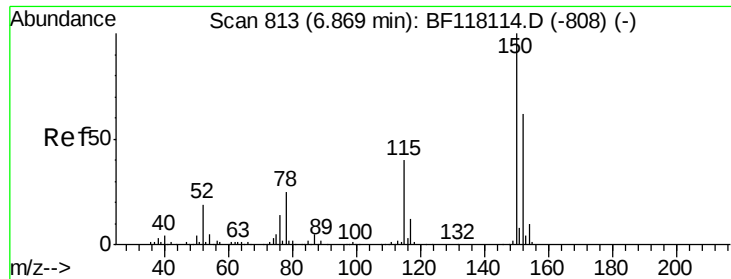
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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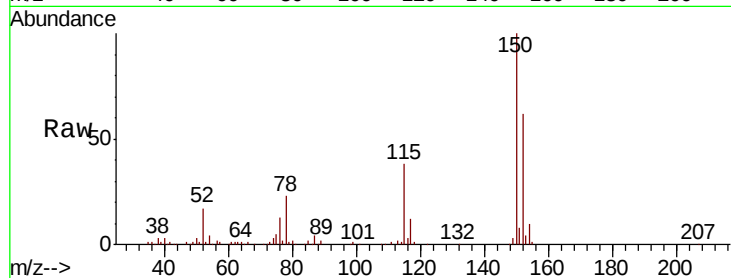


#1

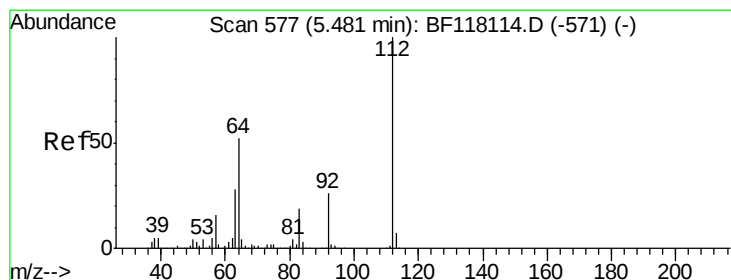
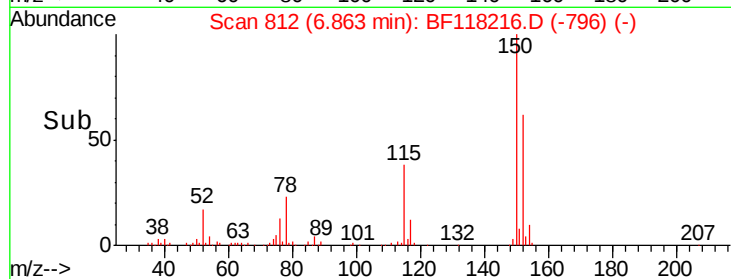
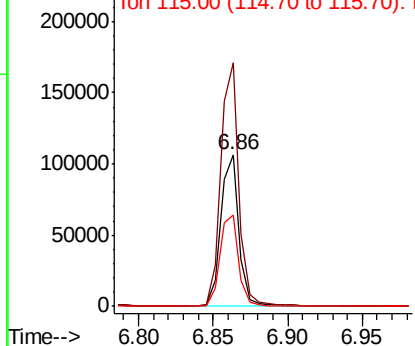
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118216.D
Acq: 17 Dec 2019 00:27

Instrument :
BNA_F
ClientSampleId :
TI-604

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	128.3	192.5
115	60.3	51.1	76.7



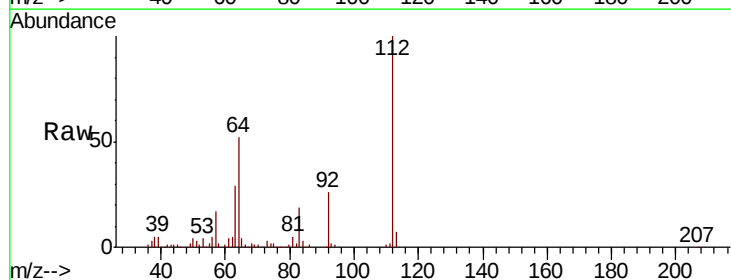
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



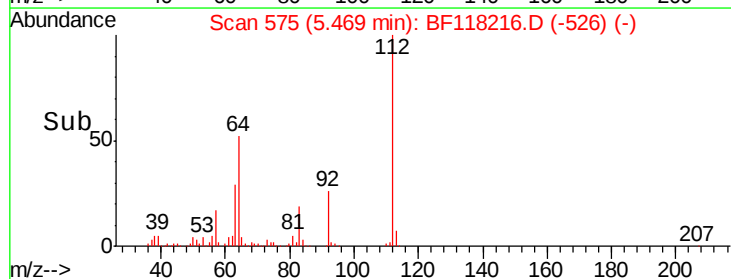
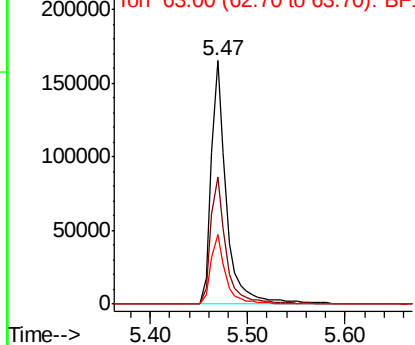
#5

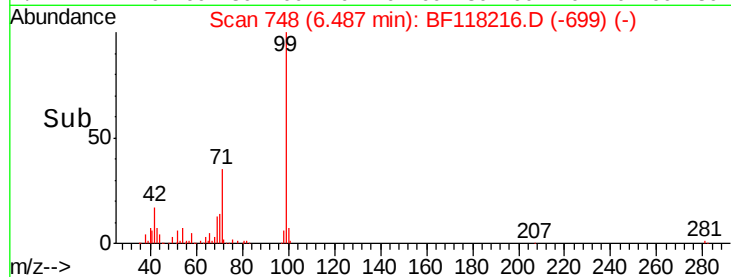
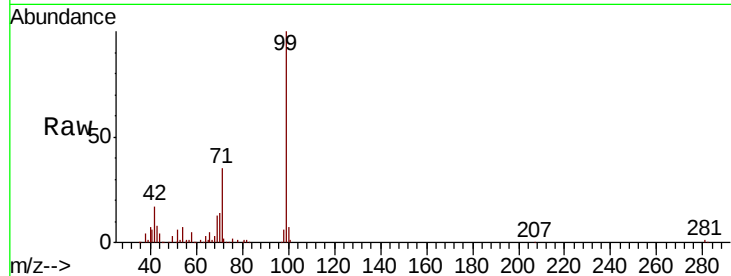
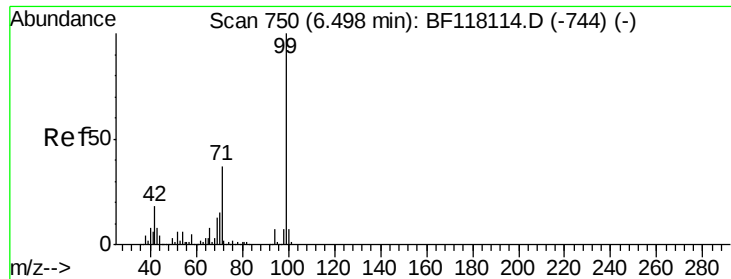
2-Fluorophenol
Concen: 34.243 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF118216.D
Acq: 17 Dec 2019 00:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	41.3	61.9
63	28.7	22.4	33.6



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: 22.331 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118216.D

Acq: 17 Dec 2019 00:27

Instrument :

BNA_F

ClientSampleId :

TI-604

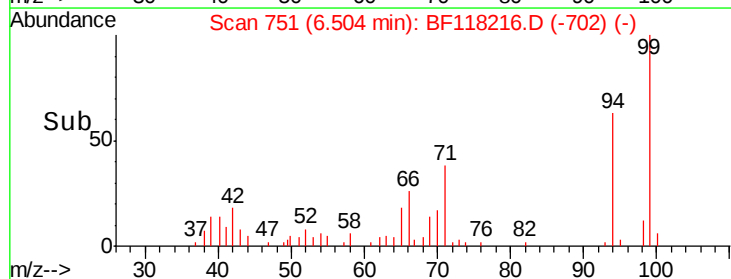
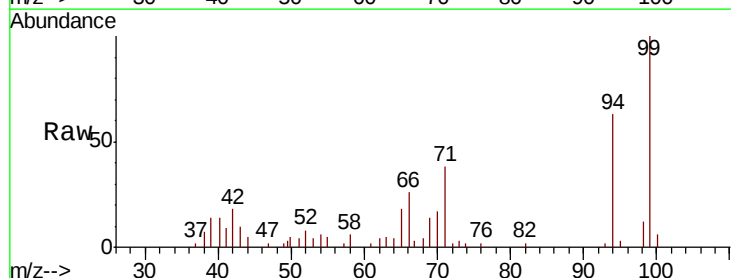
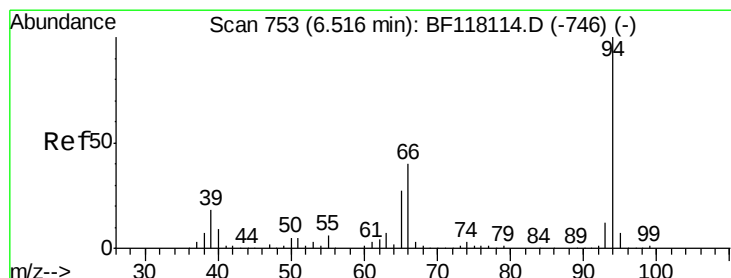
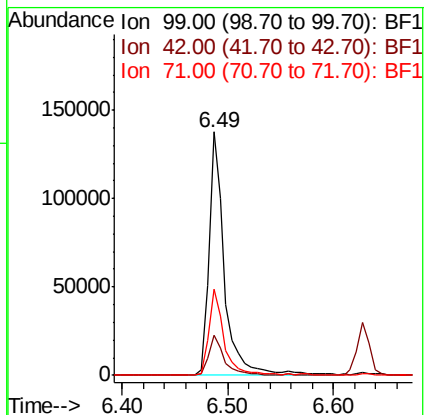
Tot Ion: 99 Resp: 141076

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 35.4 29.7 44.5



#10

Phenol

Concen: 2.163 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118216.D

Acq: 17 Dec 2019 00:27

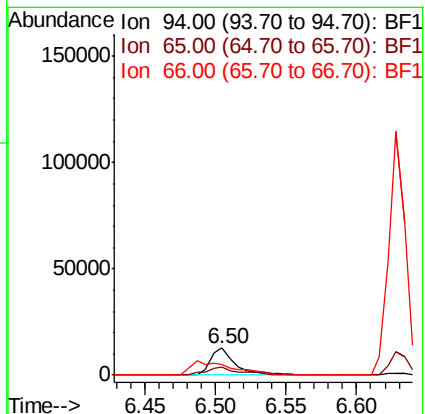
Tgt Ion: 94 Resp: 15587

Ion Ratio Lower Upper

94 100

65 28.9 7.3 47.3

66 41.7 20.2 60.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118216.D

Acq: 17 Dec 2019 00:27

Instrument :

BNA_F

ClientSampled :

TI-604

Tot Ion:136 Resp: 350560

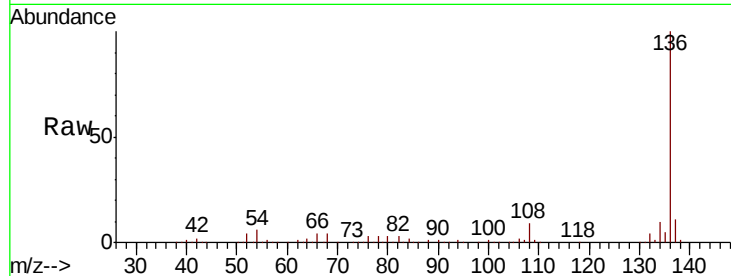
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 5.6 5.0 7.6

68 4.2 3.8 5.8

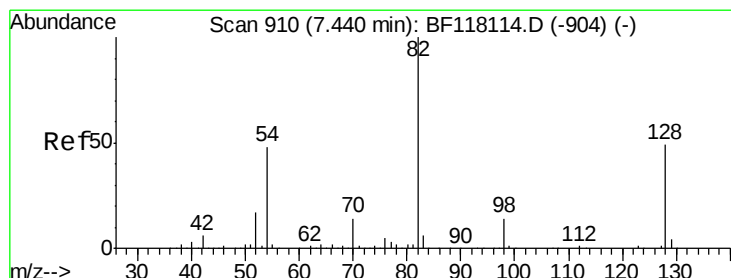
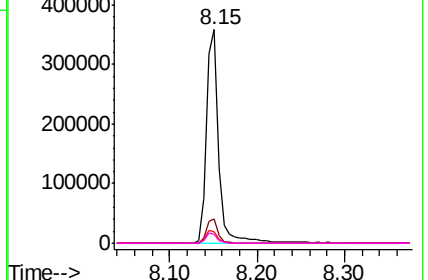
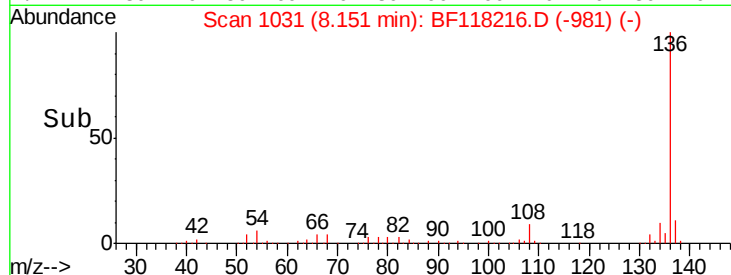


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.663 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118216.D

Acq: 17 Dec 2019 00:27

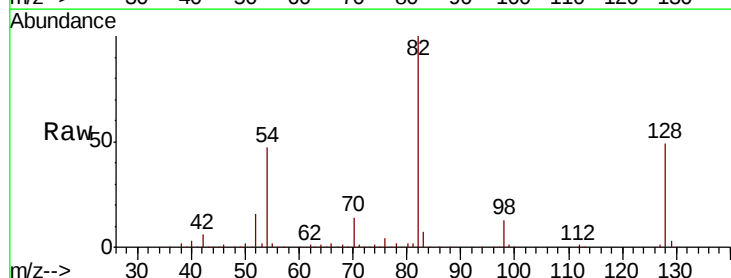
Tgt Ion: 82 Resp: 496408

Ion Ratio Lower Upper

82 100

128 49.4 39.1 58.7

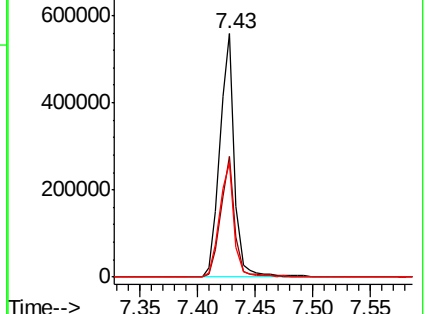
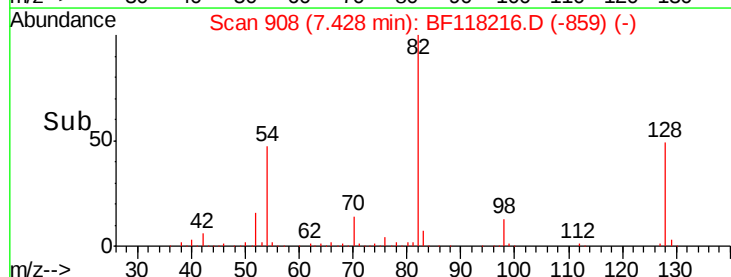
54 46.7 38.2 57.2

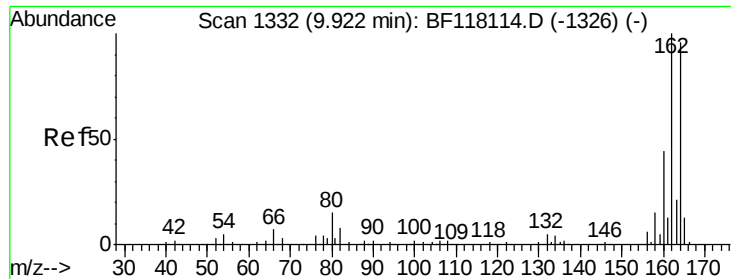


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118216.D

Acq: 17 Dec 2019 00:27

Instrument :

BNA_F

ClientSampleId :

TI-604

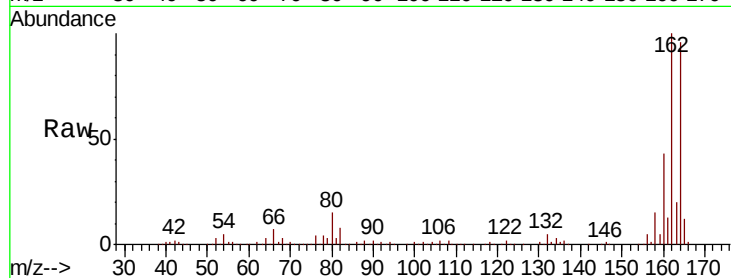
Tot Ion:164 Resp: 190457

Ion Ratio Lower Upper

164 100

162 104.6 83.4 125.0

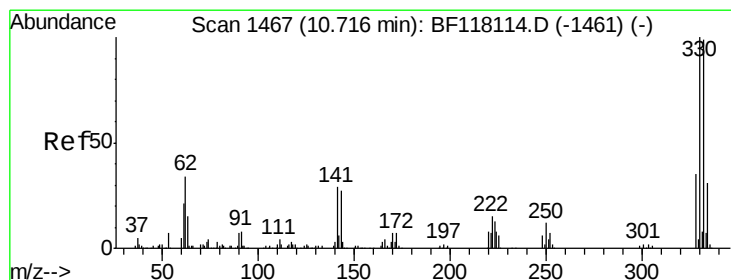
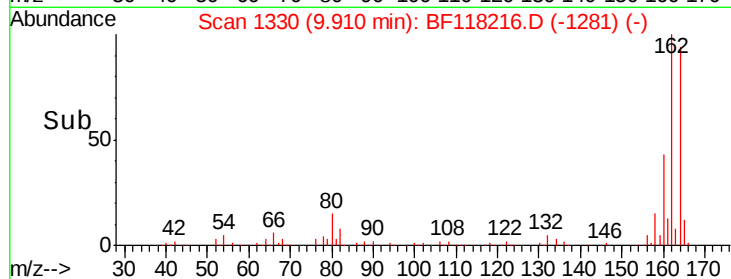
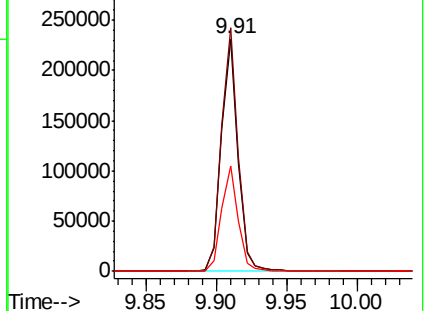
160 45.0 36.6 54.8



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: 90.089 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118216.D

Acq: 17 Dec 2019 00:27

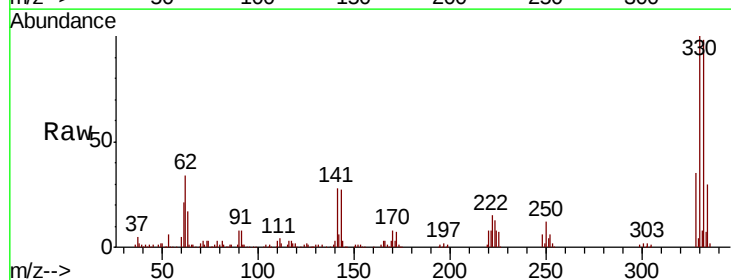
Tgt Ion:330 Resp: 208439

Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

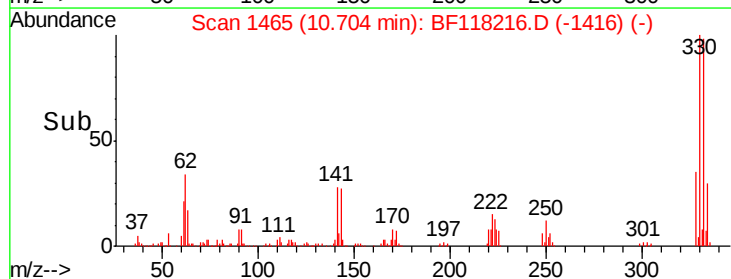
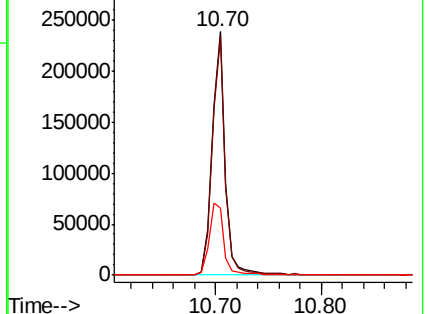
141 33.4 26.9 40.3

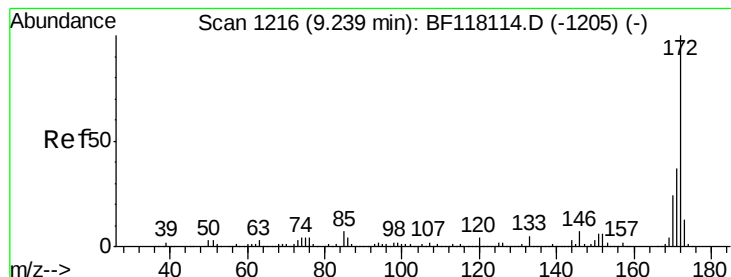


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 87.752 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118216.D

Acq: 17 Dec 2019 00:27

Instrument :

BNA_F

ClientSampleId :

TI-604

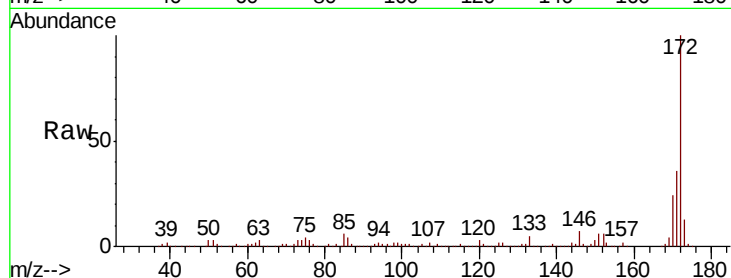
Tot Ion:172 Resp: 1098349

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

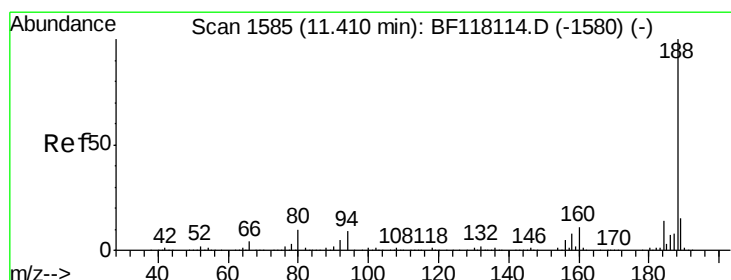
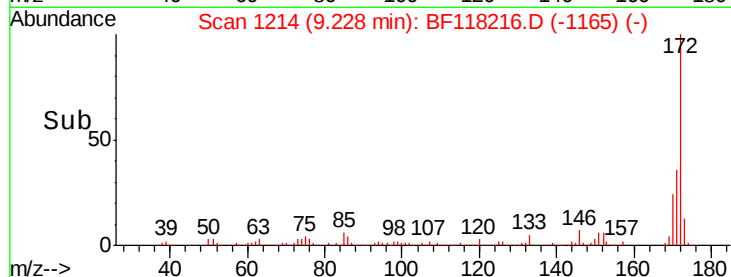
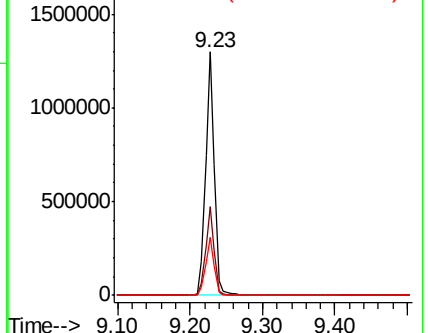
170 23.9 19.4 29.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118216.D

Acq: 17 Dec 2019 00:27

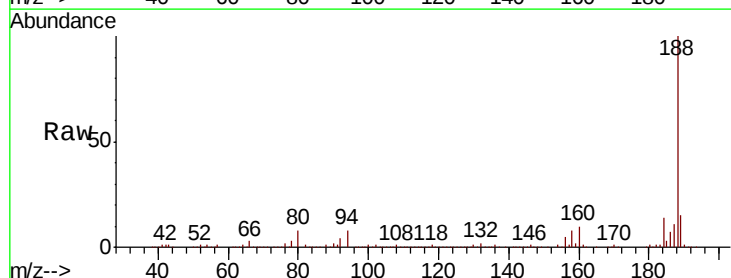
Tgt Ion:188 Resp: 367475

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

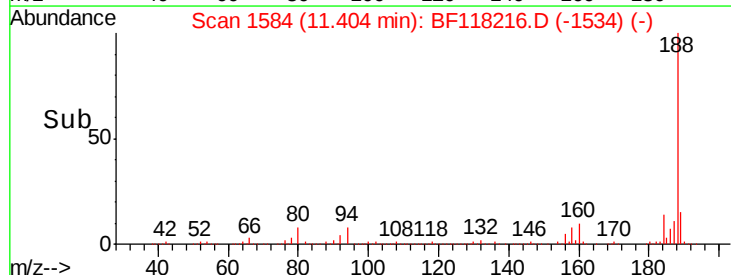
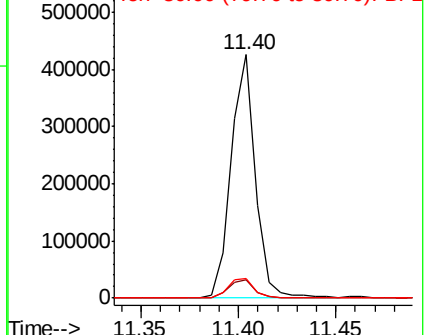
80 7.8 7.9 11.9#

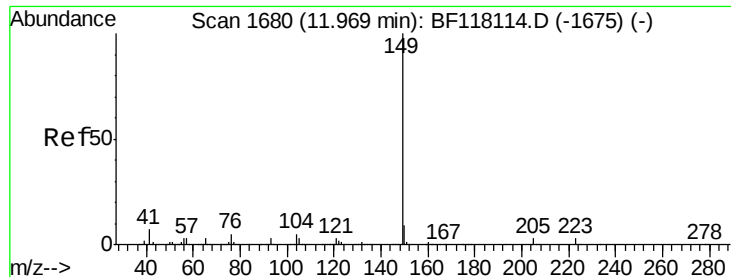


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

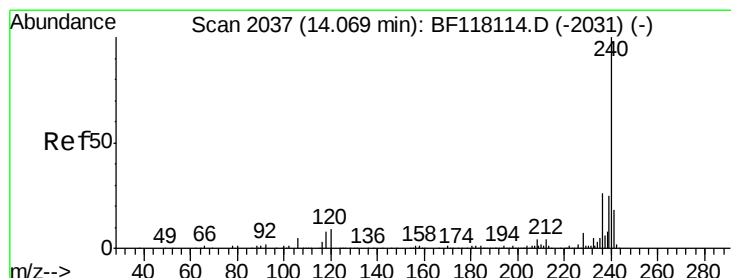
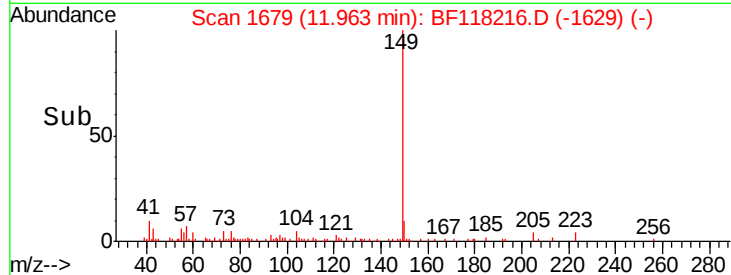
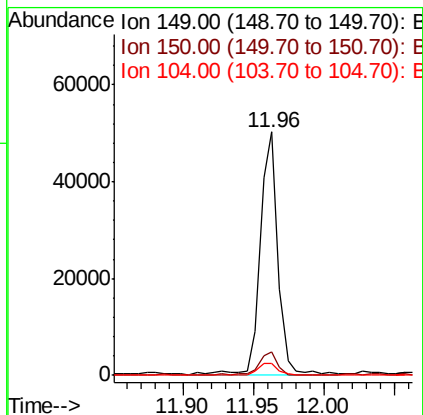
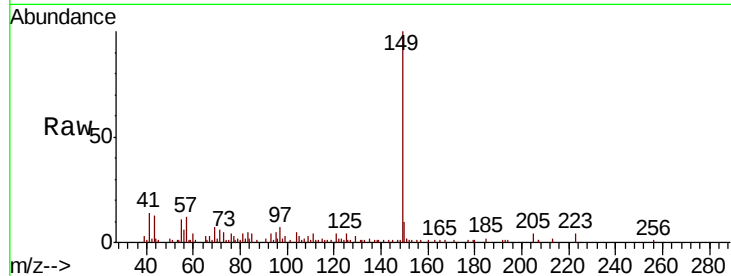




#74
Di-n-butylphthalate
Concen: 2.081 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BF118216.D
Acq: 17 Dec 2019 00:27

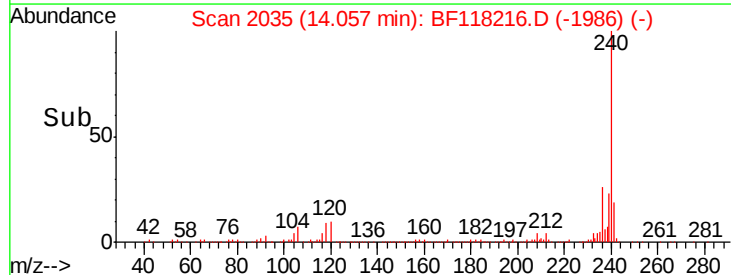
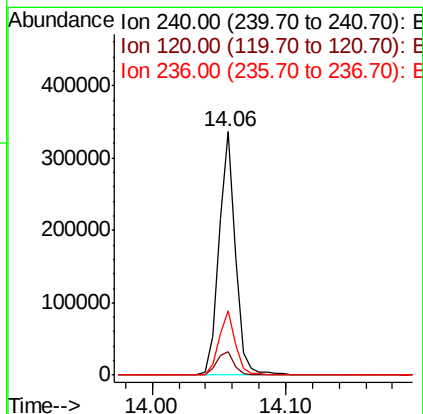
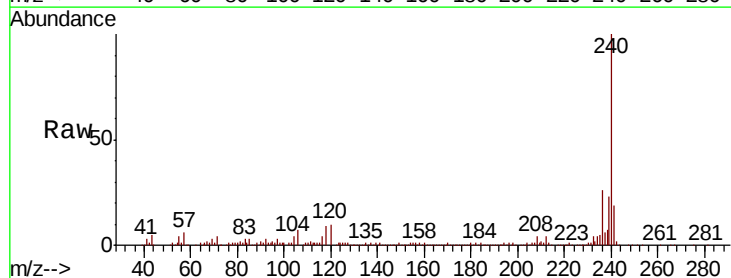
Instrument :
BNA_F
ClientSampleId :
TI-604

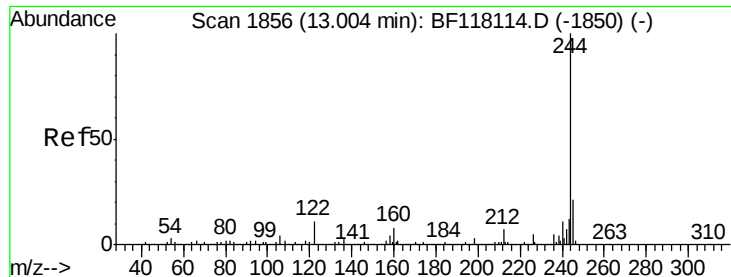
Tot Ion:149 Resp: 45540
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.2
104 5.0 4.3 6.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118216.D
Acq: 17 Dec 2019 00:27

Tgt Ion:240 Resp: 292950
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 26.5 21.0 31.6





#79

Terphenyl-d14

Concen: 70.025 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118216.D

Acq: 17 Dec 2019 00:27

Instrument :

BNA_F

ClientSampleId :

TI-604

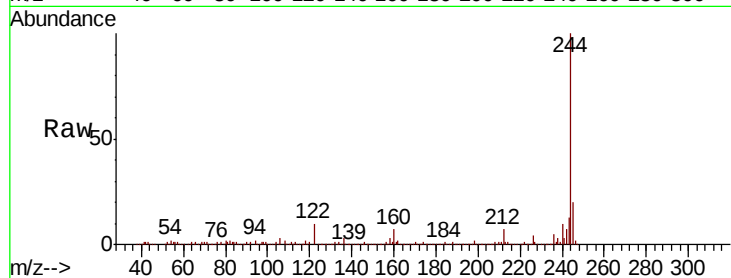
Tot Ion:244 Resp: 1192917

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

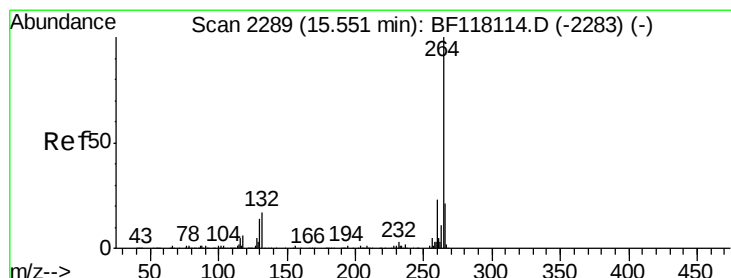
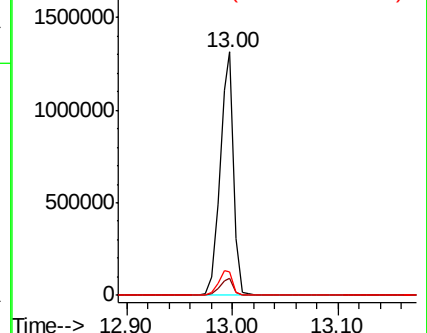
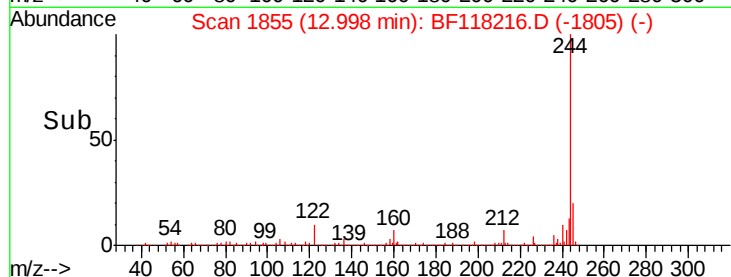
122 9.6 9.0 13.6



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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118216.D

Acq: 17 Dec 2019 00:27

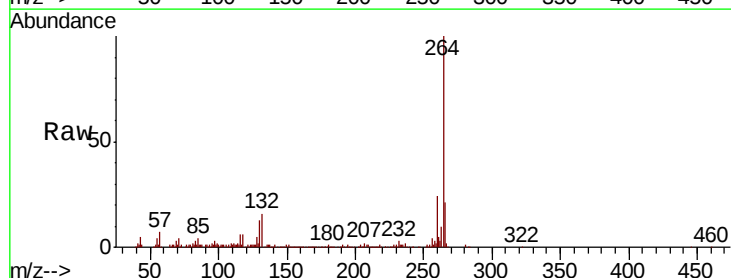
Tgt Ion:264 Resp: 287425

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 20.6 16.8 25.2



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

