

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098028.D
 Acq On : 25 Aug 2017 3:58
 Operator : SJ/JU
 Sample : I4934-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB2-SOIL-0-6.0

Quant Time: Aug 25 04:26:09 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

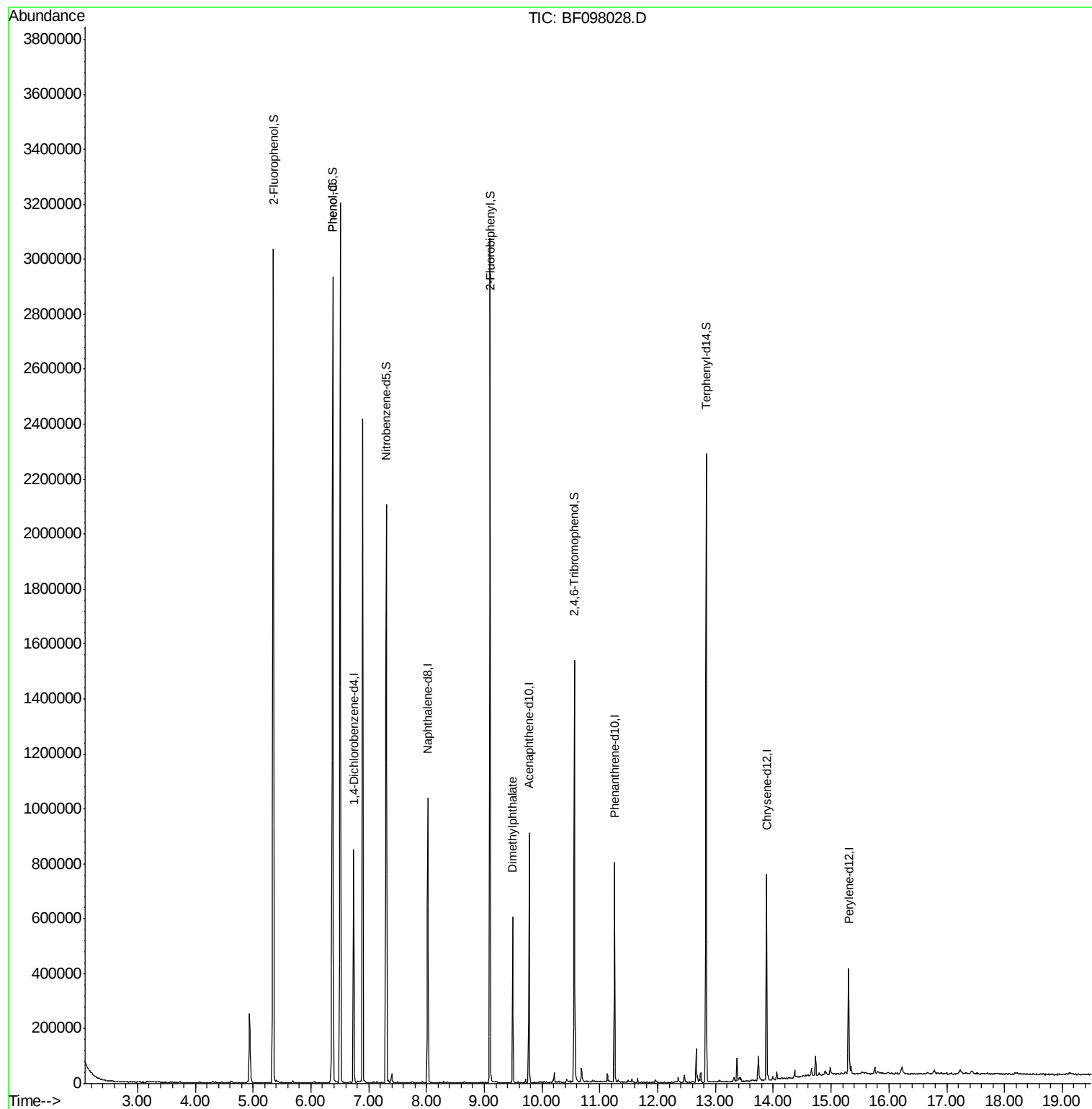
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	109860	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	413697	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	167138	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	282989	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	253475	20.00	ng	-0.01
86) Perylene-d12	15.30	264	177049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	976118	135.15	ng	0.00
7) Phenol-d6	6.38	99	1320329	134.54	ng	0.00
23) Nitrobenzene-d5	7.30	82	776454	101.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	182690	125.98	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	934376	82.14	ng	-0.01
78) Terphenyl-d14	12.84	244	689058	56.69	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	28273	2.463	ng	99
49) Dimethylphthalate	9.49	163	202177	16.548	ng	99

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

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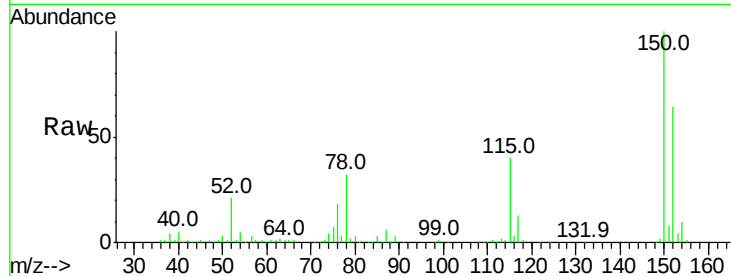


#1

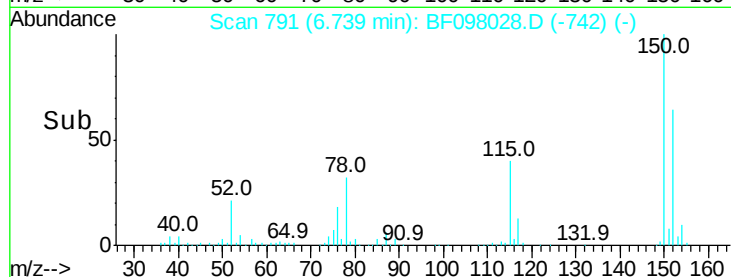
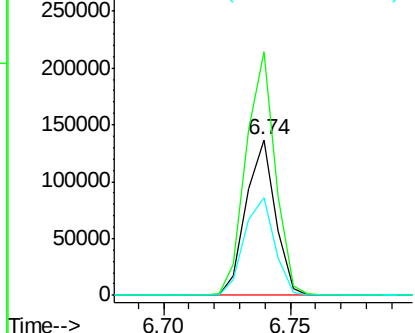
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098028.D
Acq: 25 Aug 2017 3:58

Instrument :
BNA_F
ClientSampleId :
SB2-SOIL-0-6.0

Tot Ion:152 Resp: 109860
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 62.9 52.2 78.2



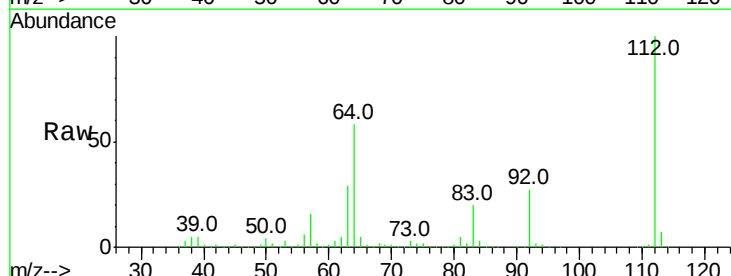
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



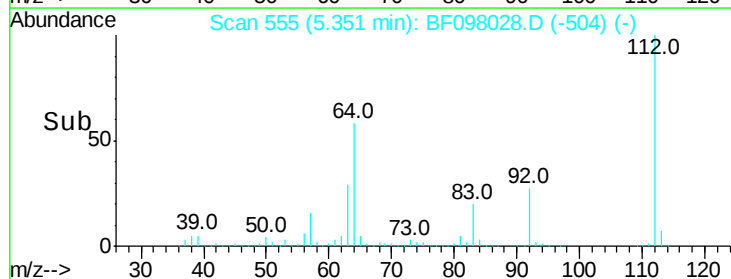
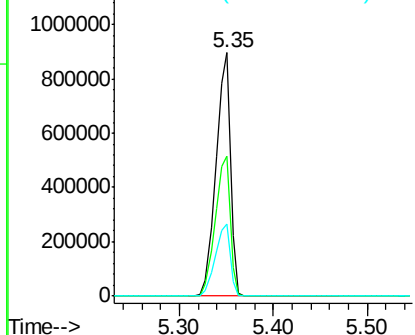
#5

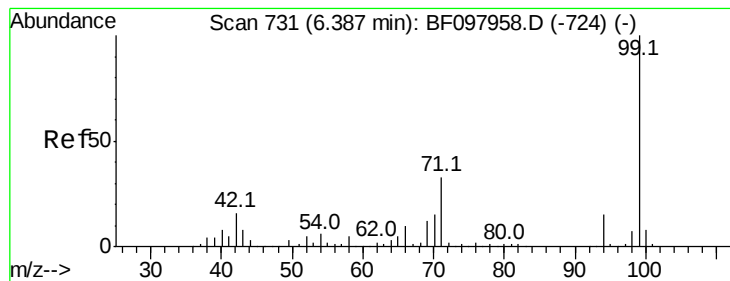
2-Fluorophenol
Concen: 135.149 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098028.D
Acq: 25 Aug 2017 3:58

Tgt Ion:112 Resp: 976118
Ion Ratio Lower Upper
112 100
64 57.6 46.0 69.0
63 29.4 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: 134.544 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098028.D

Acq: 25 Aug 2017 3:58

Instrument :

BNA_F

ClientSampleId :

SB2-SOIL-0-6.0

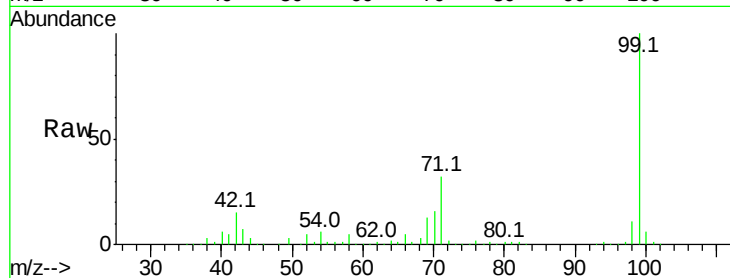
Tot Ion: 99 Resp: 1320329

Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.5	20.3
71	31.9	24.5	36.7

99 100

42 14.5 13.5 20.3

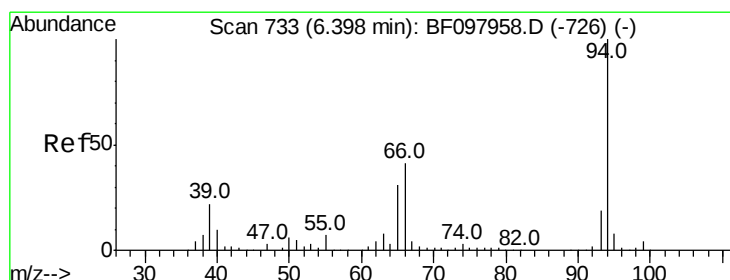
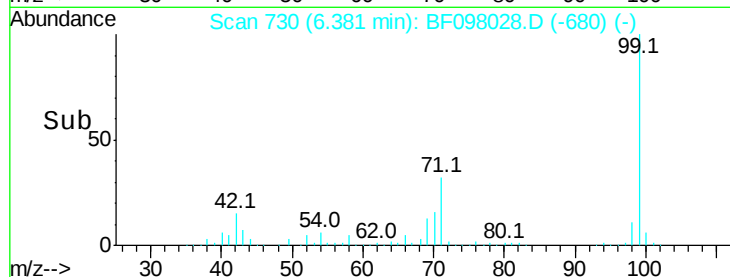
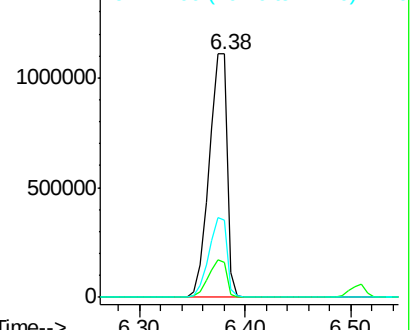
71 31.9 24.5 36.7



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: 2.463 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098028.D

Acq: 25 Aug 2017 3:58

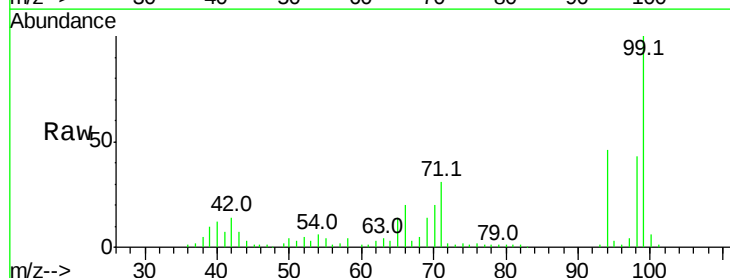
Tgt Ion: 94 Resp: 28273

Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.9	49.9
66	43.2	23.1	63.1

94 100

65 30.5 9.9 49.9

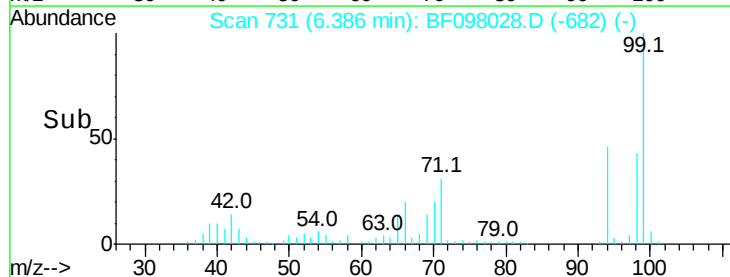
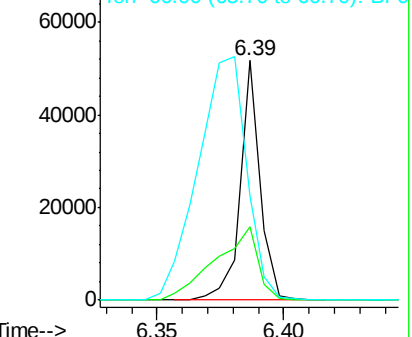
66 43.2 23.1 63.1

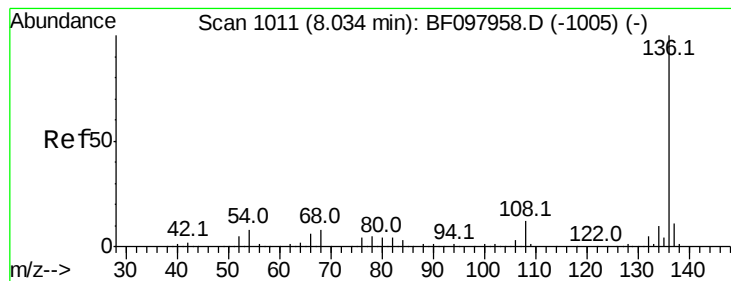


Abundance Ion 94.00 (93.70 to 94.70): BF0

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# 1009

Delta R.T. -0.01 min

Lab File: BF098028.D

Acq: 25 Aug 2017 3:58

Instrument :

BNA_F

ClientSampleId :

SB2-SOIL-0-6.0

Tot Ion:136 Resp: 413697

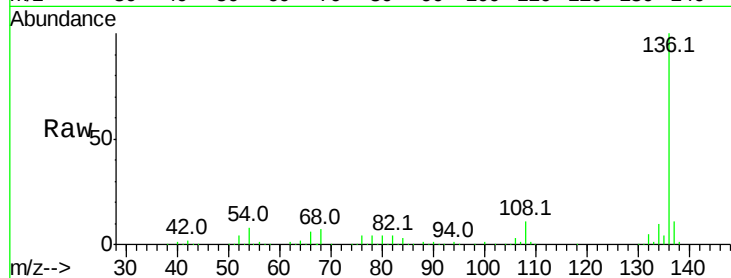
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 6.9 4.1 6.1#

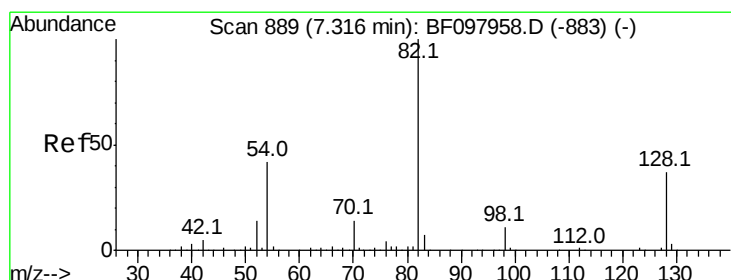
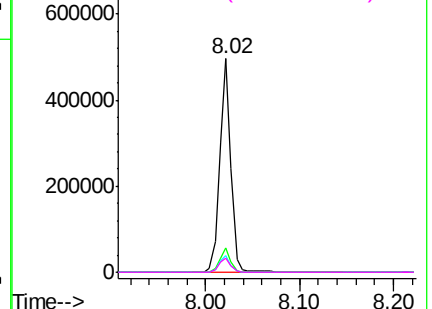
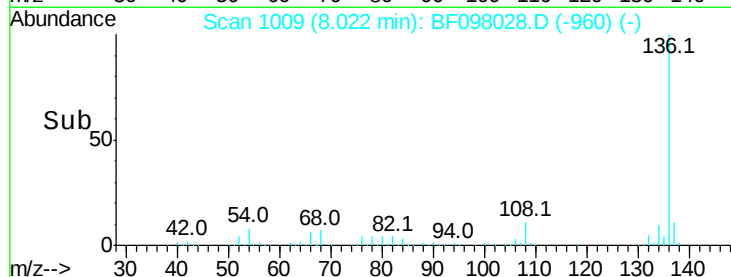


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 101.960 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF098028.D

Acq: 25 Aug 2017 3:58

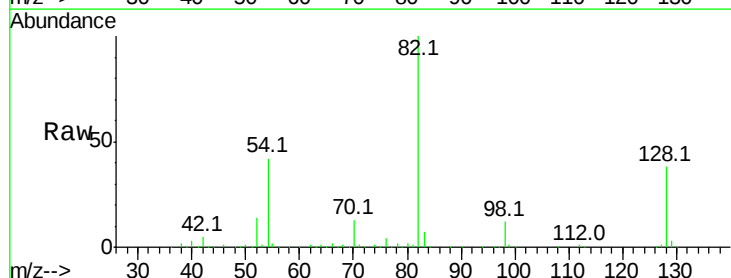
Tgt Ion: 82 Resp: 776454

Ion Ratio Lower Upper

82 100

128 38.3 34.0 51.0

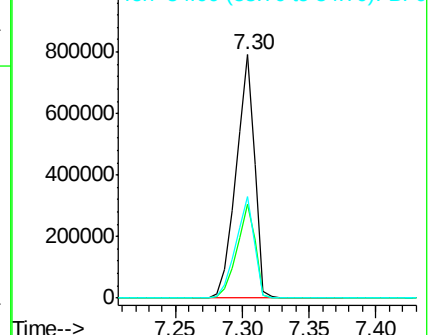
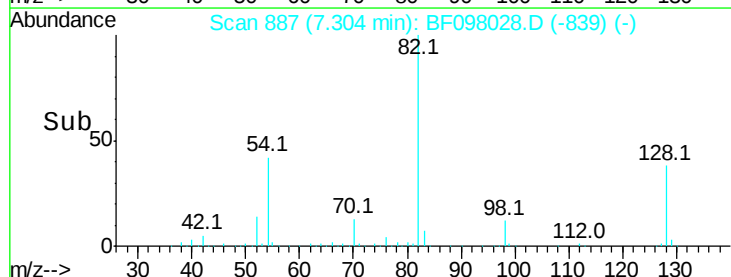
54 41.7 42.2 63.2#

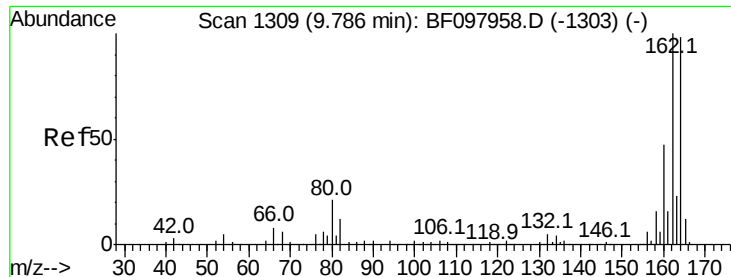


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

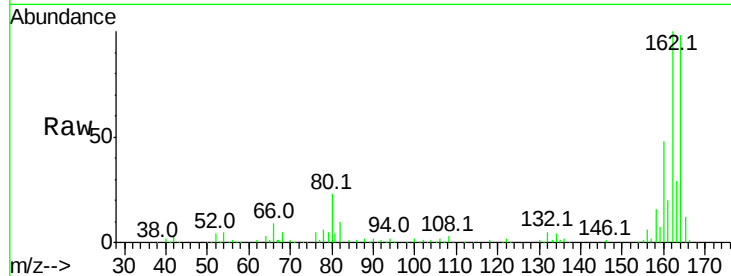




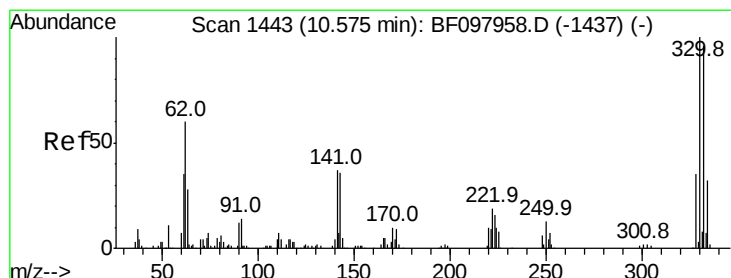
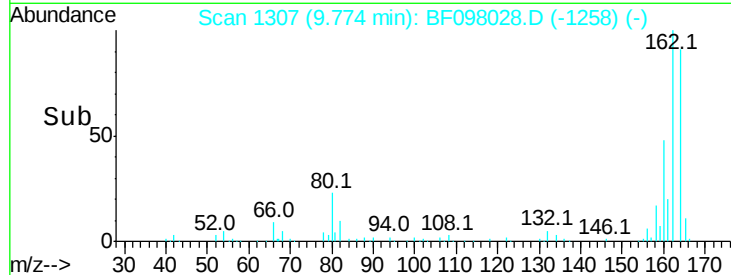
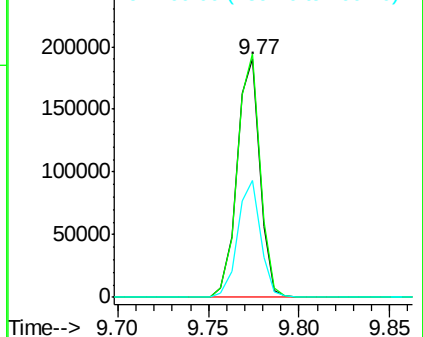
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098028.D
 Acq: 25 Aug 2017 3:58

Instrument :
 BNA_F
 ClientSampleId :
 SB2-SOIL-0-6.0

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	49.0	36.2	54.2

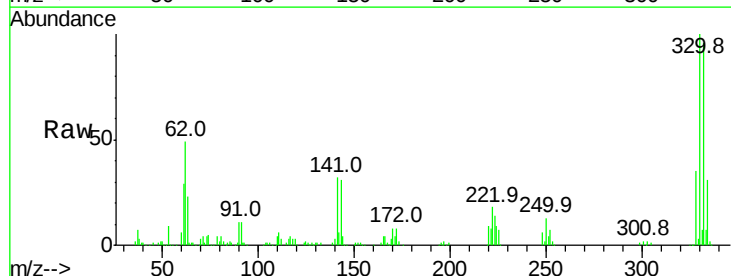


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

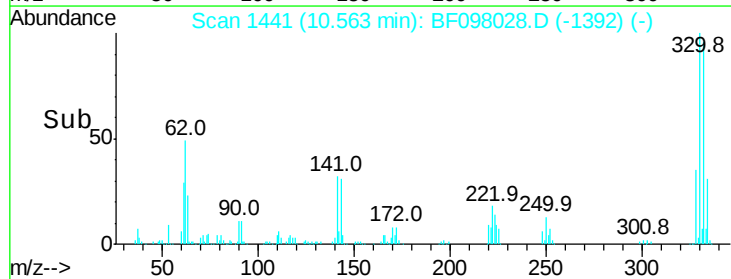
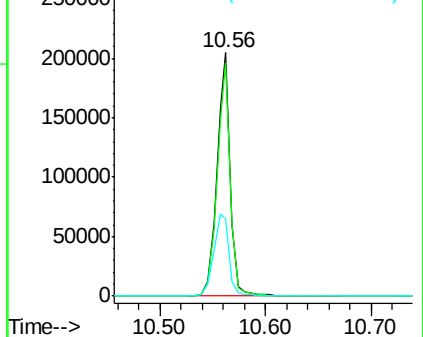


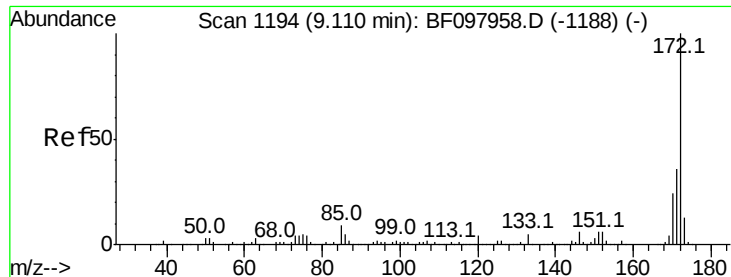
#41
 2,4,6-Tribromophenol
 Concen: 125.976 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098028.D
 Acq: 25 Aug 2017 3:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	39.4	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

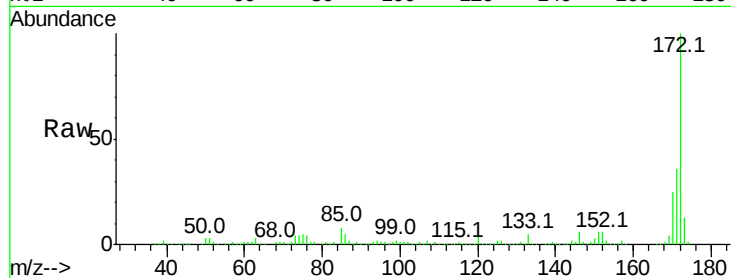




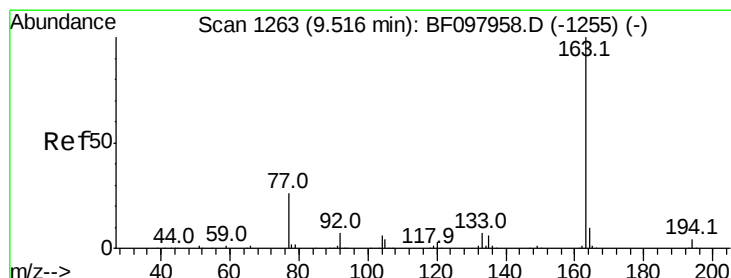
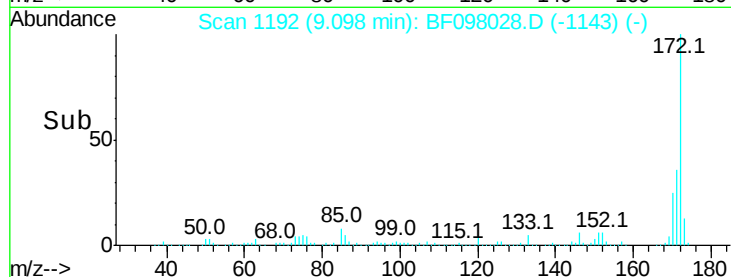
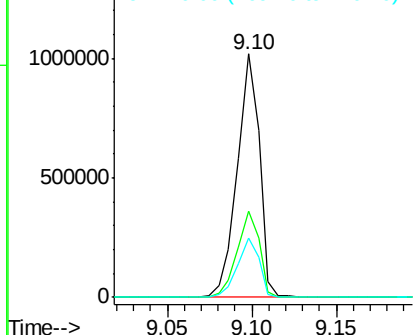
#44
2-Fluorobiphenyl
Concen: 82.135 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098028.D
Acq: 25 Aug 2017 3:58

Instrument :
BNA_F
ClientSampleId :
SB2-SOIL-0-6.0

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.6	19.8	29.8

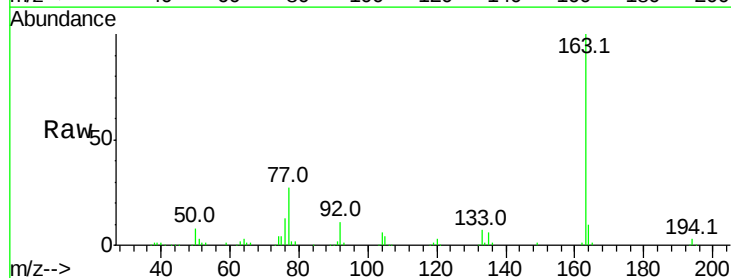


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

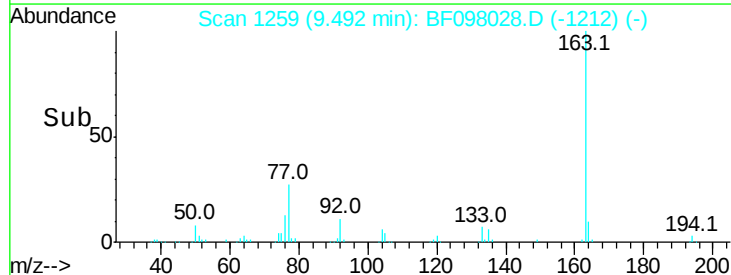
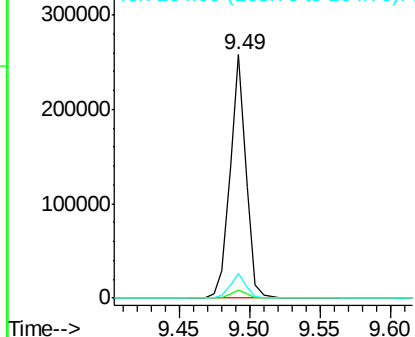


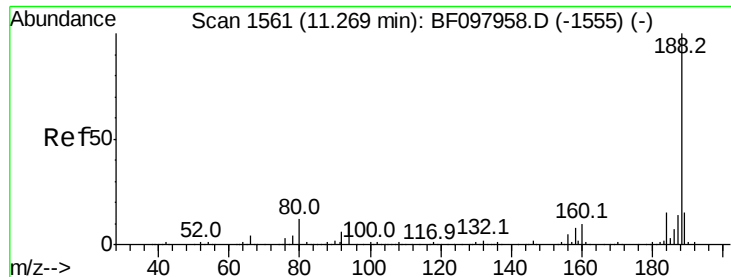
#49
Dimethylphthalate
Concen: 16.548 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098028.D
Acq: 25 Aug 2017 3:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.1	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

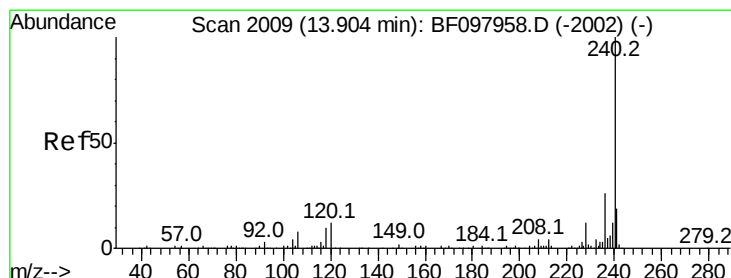
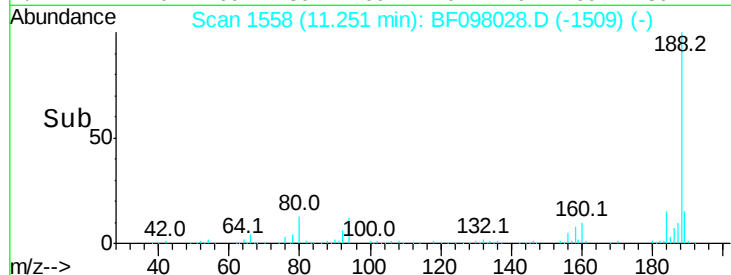
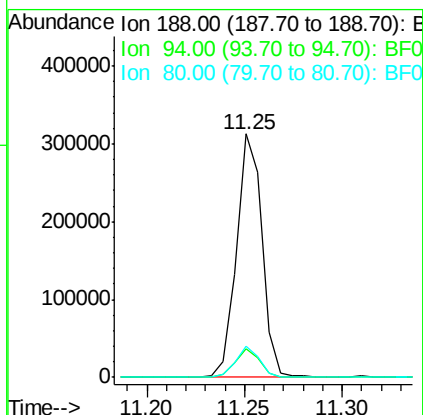
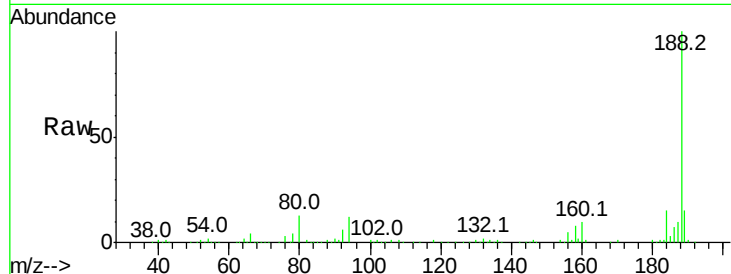




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098028.D
Acq: 25 Aug 2017 3:58

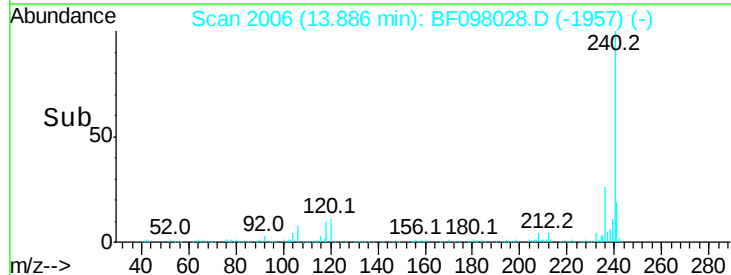
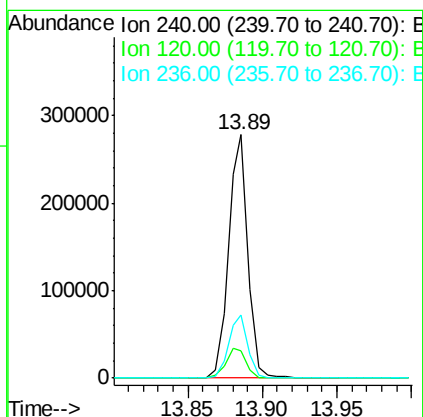
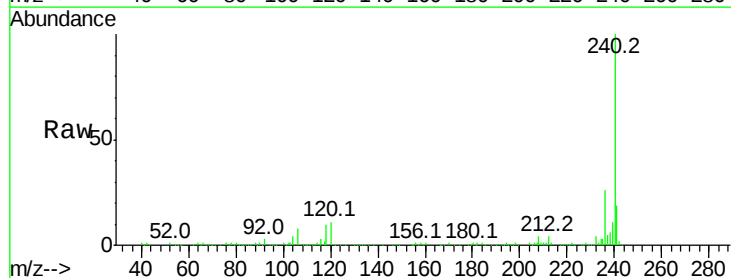
Instrument :
BNA_F
ClientSampleId :
SB2-SOIL-0-6.0

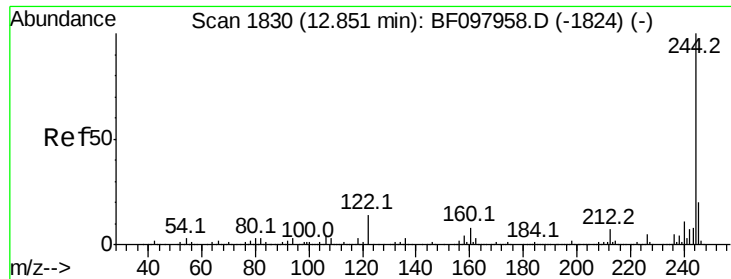
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.8	10.2	15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098028.D
Acq: 25 Aug 2017 3:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	5.8	8.8#
236	25.9	20.5	30.7





#78

Terphenyl-d14

Concen: 56.689 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098028.D

Acq: 25 Aug 2017 3:58

Instrument :

BNA_F

ClientSampleId :

SB2-SOIL-0-6.0

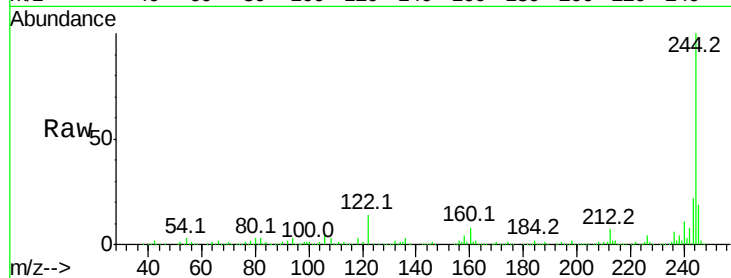
Tot Ion:244 Resp: 689058

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

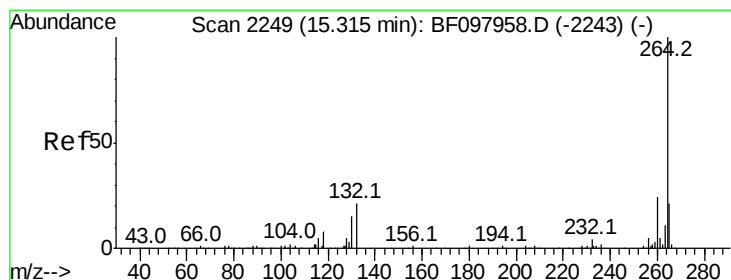
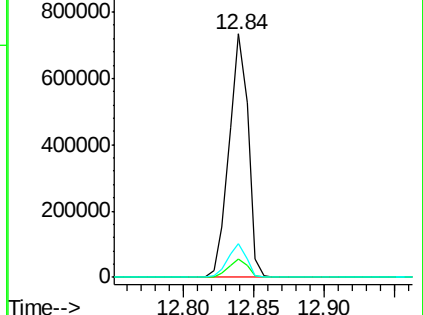
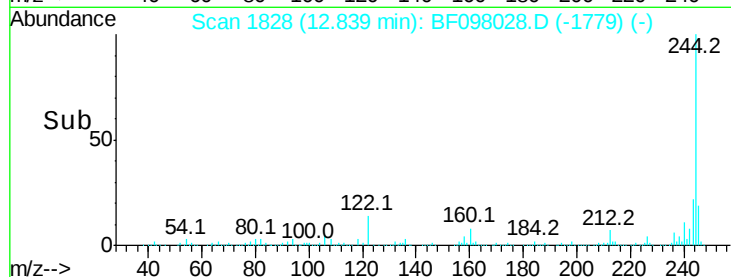
122 13.7 10.3 15.5



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: BF098028.D

Acq: 25 Aug 2017 3:58

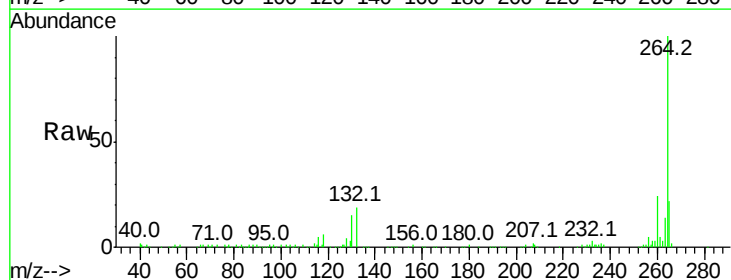
Tgt Ion:264 Resp: 177049

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.6 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

