

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101219\
 Data File : BF117381.D
 Acq On : 12 Oct 2019 21:03
 Operator : JU
 Sample : K5266-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAW-DISCRETE-CORE-C-1

Quant Time: Oct 14 03:02:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

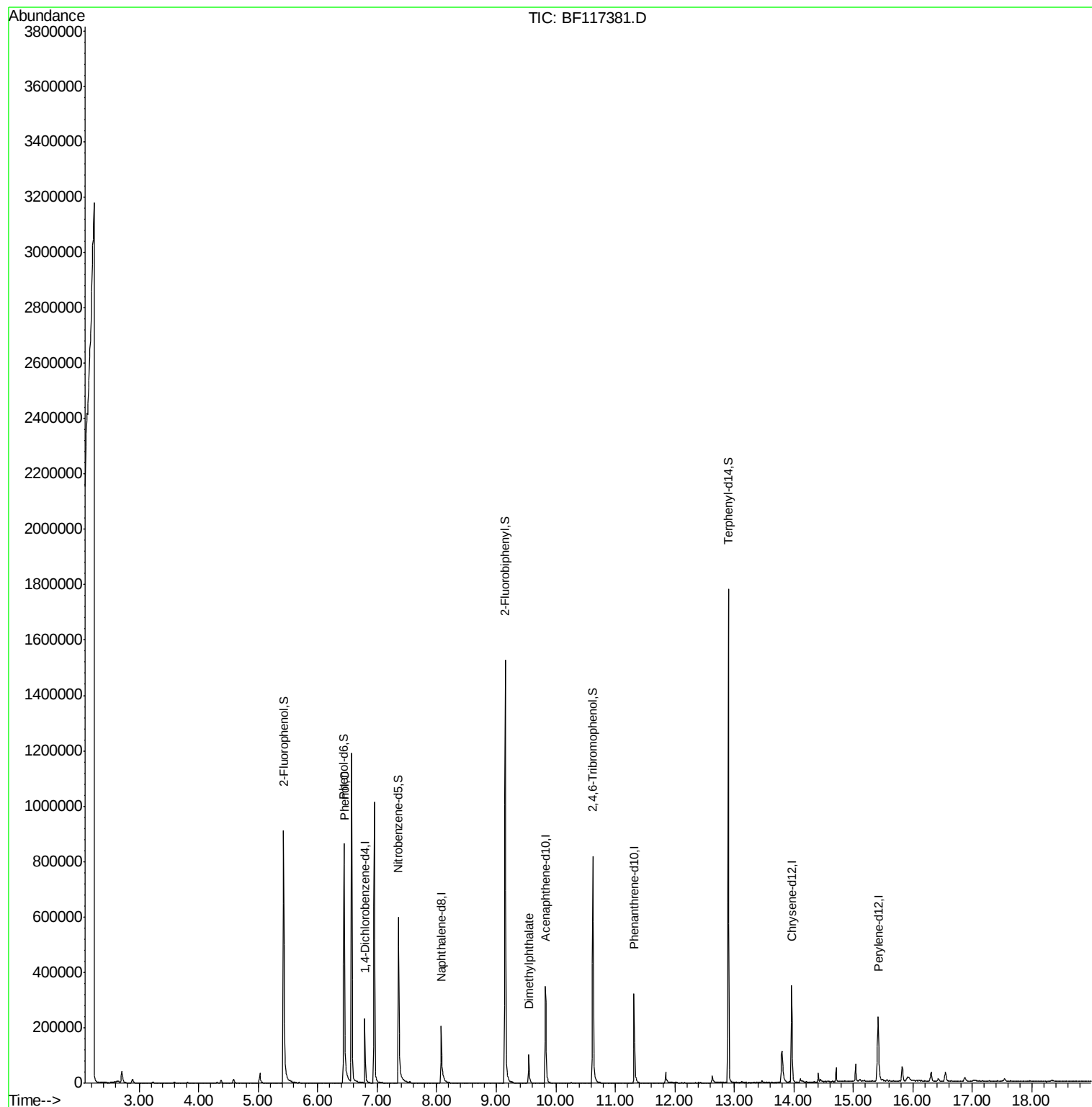
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	41840	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	165146	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	89104	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	157598	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	127812	20.00	ng	-0.01
87) Perylene-d12	15.42	264	125802	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	331046	123.53	ng	0.00
7) Phenol-d6	6.44	99	408608	117.98	ng	-0.01
23) Nitrobenzene-d5	7.36	82	285255	90.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	100792	135.34	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	518785	91.04	ng	-0.01
79) Terphenyl-d14	12.90	244	586540	85.78	ng	0.00
Target Compounds						
10) Phenol	6.45	94	10527	2.757	ng	Qvalue # 53
50) Dimethylphthalate	9.55	163	54983	8.715	ng	99

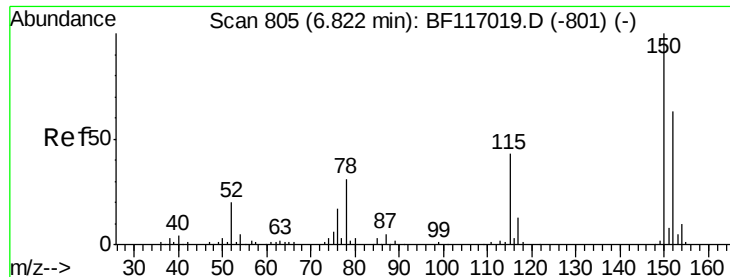
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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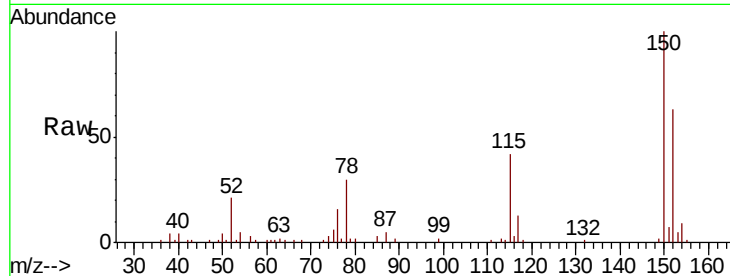


#1

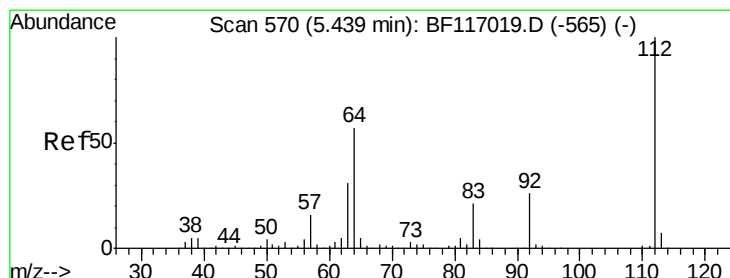
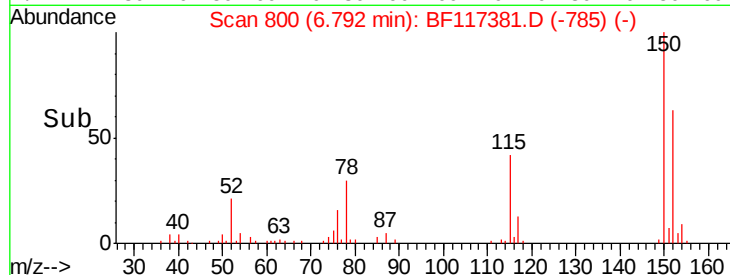
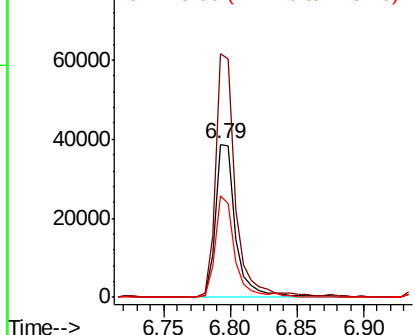
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117381.D
Acq: 12 Oct 2019 21:03

Instrument :
BNA_F
ClientSampleId :
RAW-DISCRETE-CORE-C-1

Tot Ion:152 Resp: 41840
Ion Ratio Lower Upper
152 100
150 159.3 127.5 191.3
115 66.5 55.0 82.4



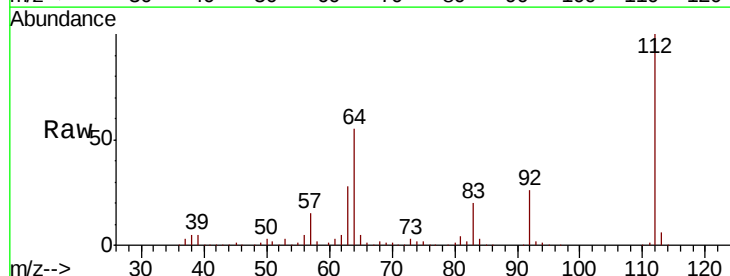
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



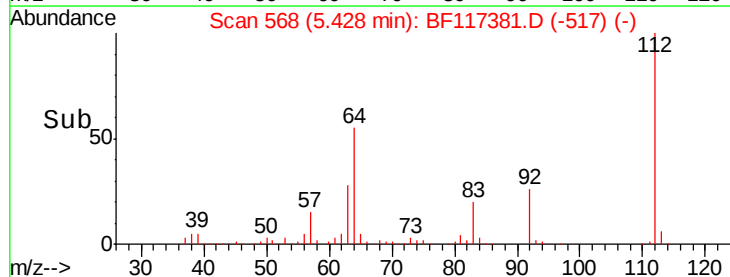
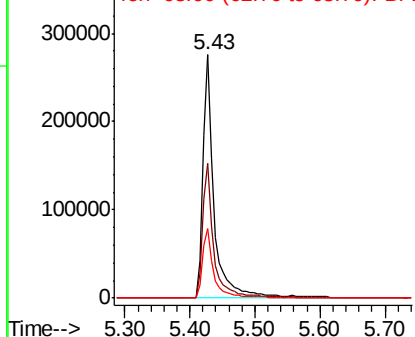
#5

2-Fluorophenol
Concen: 123.529 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF117381.D
Acq: 12 Oct 2019 21:03

Tgt Ion:112 Resp: 331046
Ion Ratio Lower Upper
112 100
64 55.3 45.7 68.5
63 28.4 24.9 37.3



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: 117.979 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF117381.D

Acq: 12 Oct 2019 21:03

Instrument :

BNA_F

ClientSampleId :

RAW-DISCRETE-CORE-C-1

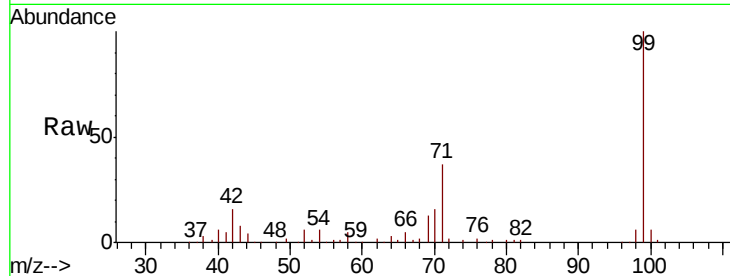
Tot Ion: 99 Resp: 408608

Ion Ratio Lower Upper

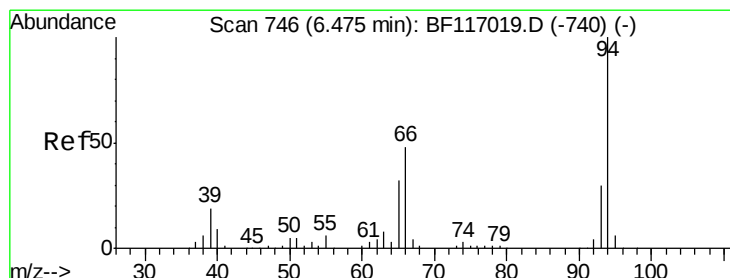
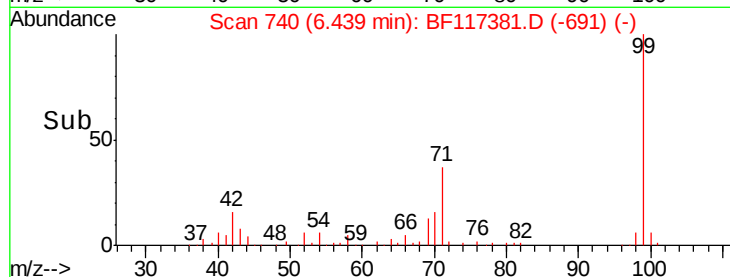
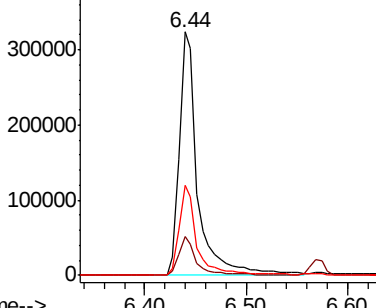
99 100

42 15.9 12.2 18.2

71 36.8 29.8 44.8



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



#10

Phenol

Concen: 2.757 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117381.D

Acq: 12 Oct 2019 21:03

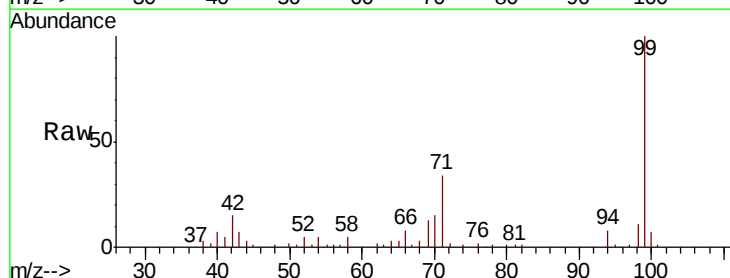
Tgt Ion: 94 Resp: 10527

Ion Ratio Lower Upper

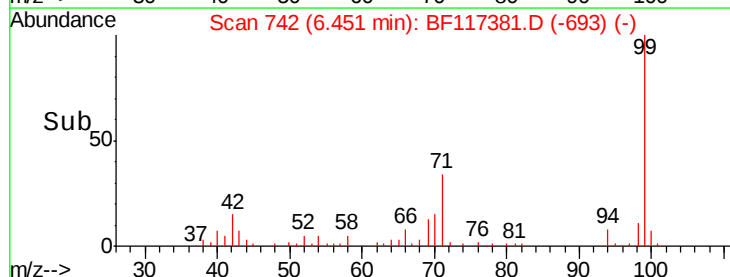
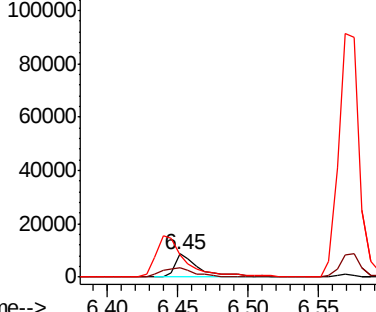
94 100

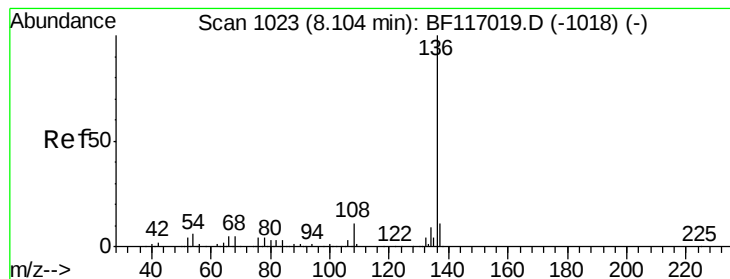
65 41.2 12.5 52.5

66 94.8 28.9 68.9#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF117381.D

Acq: 12 Oct 2019 21:03

Instrument :

BNA_F

ClientSampleId :

RAW-DISCRETE-CORE-C-1

Tot Ion:136 Resp: 165146

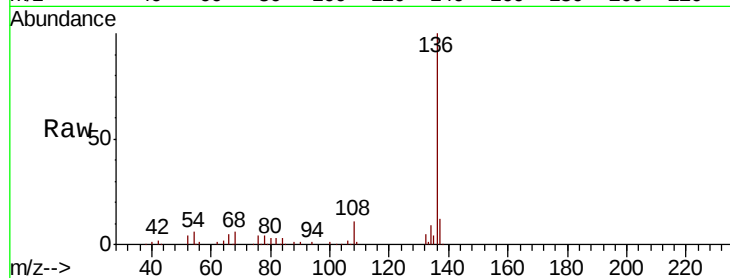
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.4

54 6.3 4.5 6.7

68 5.8 4.0 6.0

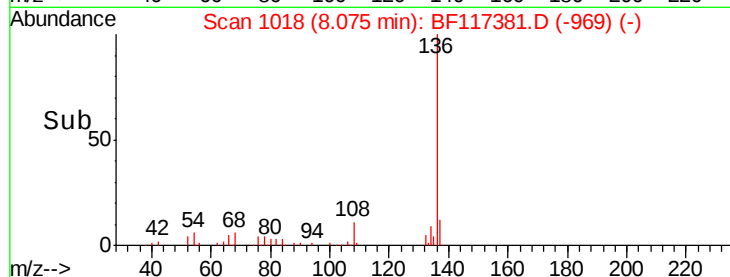


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

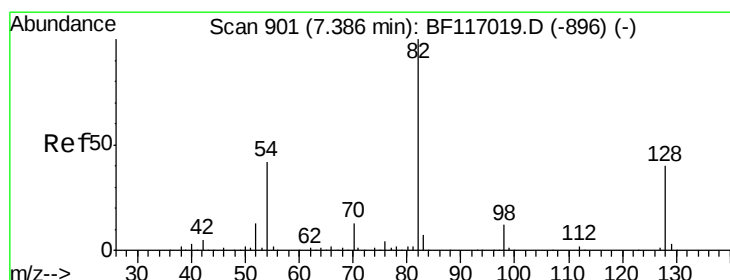
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

8.07



#23

Nitrobenzene-d5

Concen: 90.756 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF117381.D

Acq: 12 Oct 2019 21:03

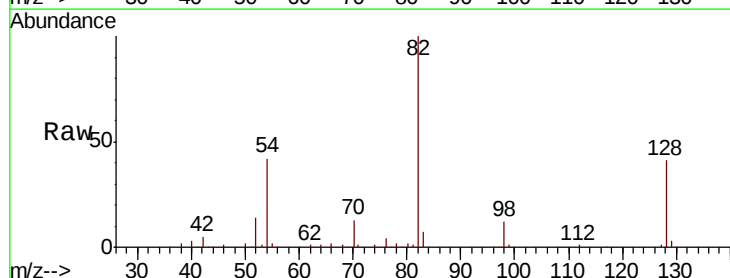
Tgt Ion: 82 Resp: 285255

Ion Ratio Lower Upper

82 100

128 40.7 32.3 48.5

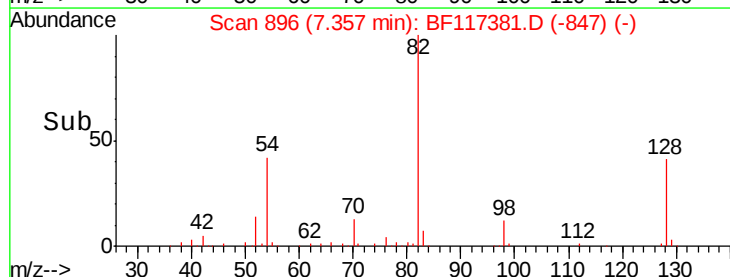
54 42.2 33.3 49.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

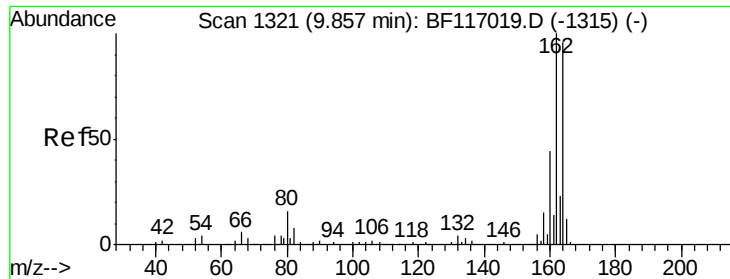
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->

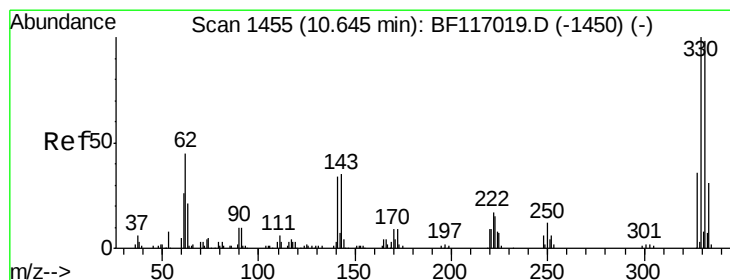
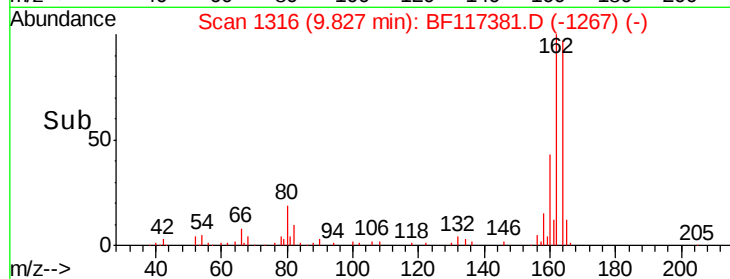
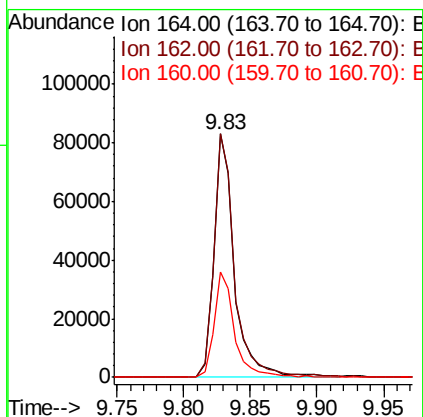
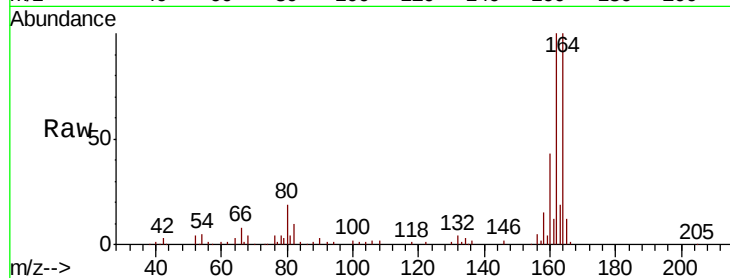
7.36



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF117381.D
 Acq: 12 Oct 2019 21:03

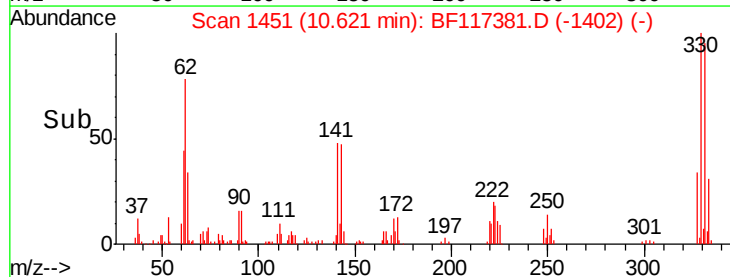
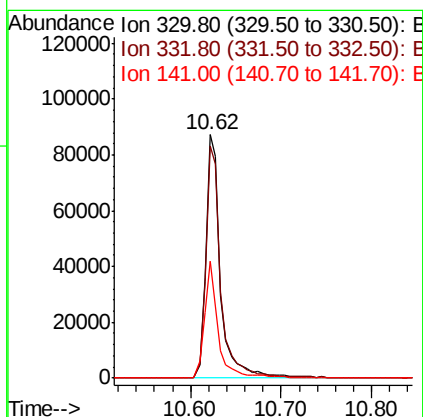
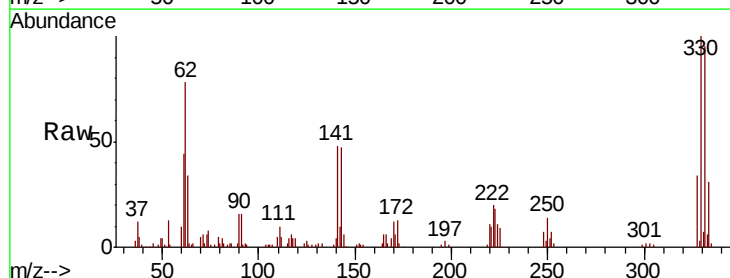
Instrument :
 BNA_F
 ClientSampleId :
 RAW-DISCRETE-CORE-C-1

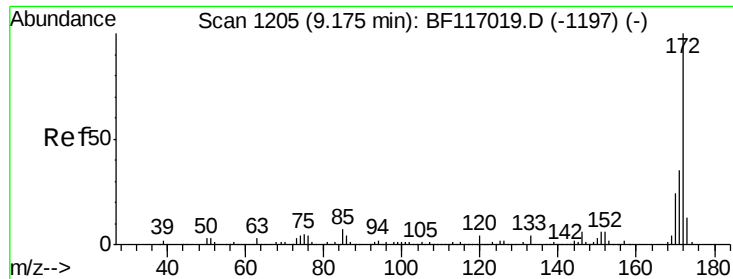
Tot Ion:164 Resp: 89104
 Ion Ratio Lower Upper
 164 100
 162 100.0 83.4 125.2
 160 43.4 36.4 54.6



#42
 2,4,6-Tribromophenol
 Concen: 135.345 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF117381.D
 Acq: 12 Oct 2019 21:03

Tgt Ion:330 Resp: 100792
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.0 117.0
 141 43.9 35.8 53.6

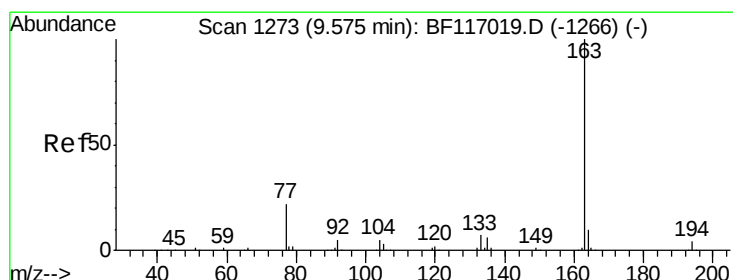
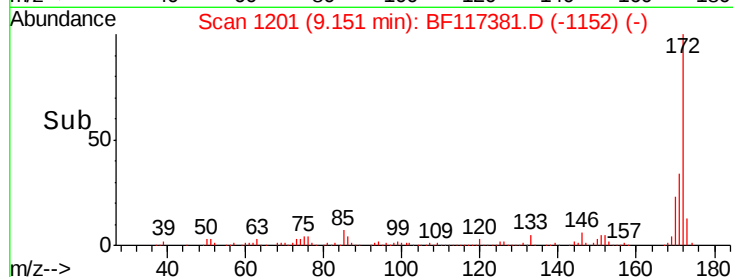
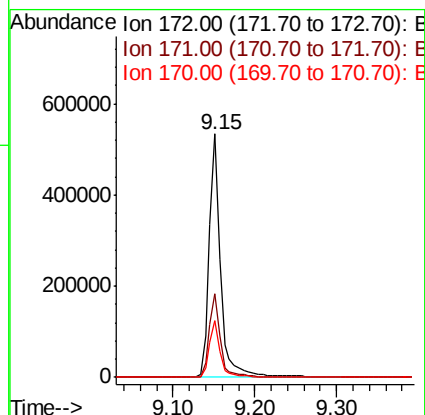
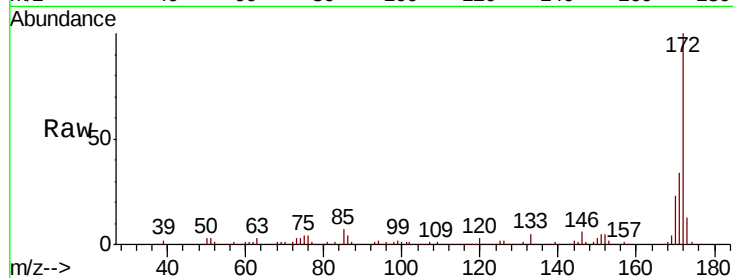




#45
2-Fluorobiphenyl
Concen: 91.035 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF117381.D
Acq: 12 Oct 2019 21:03

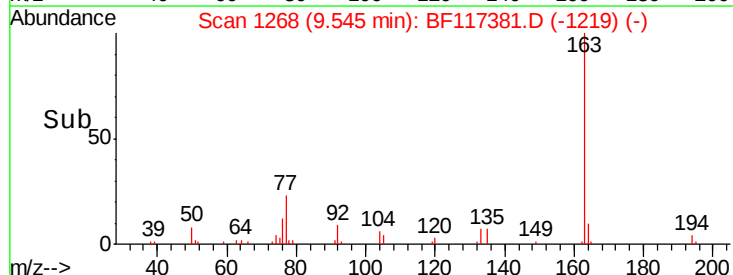
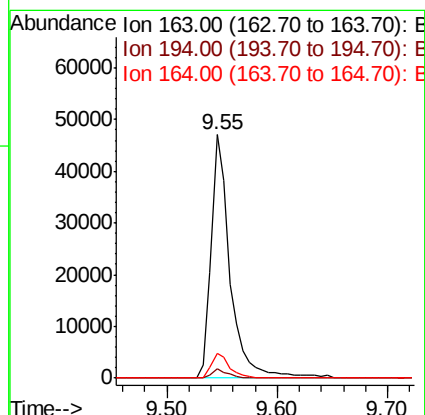
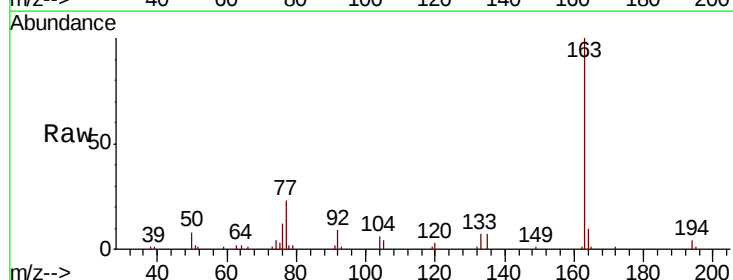
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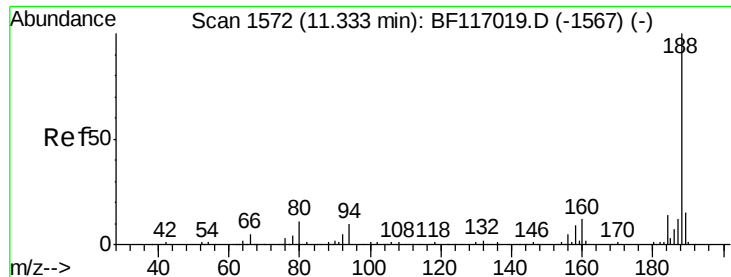
Tot Ion:172 Resp: 518785
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.0 18.9 28.3



#50
Dimethylphthalate
Concen: 8.715 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117381.D
Acq: 12 Oct 2019 21:03

Tgt Ion:163 Resp: 54983
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.1 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF117381.D

Acq: 12 Oct 2019 21:03

Instrument :

BNA_F

ClientSampleId :

RAW-DISCRETE-CORE-C-1

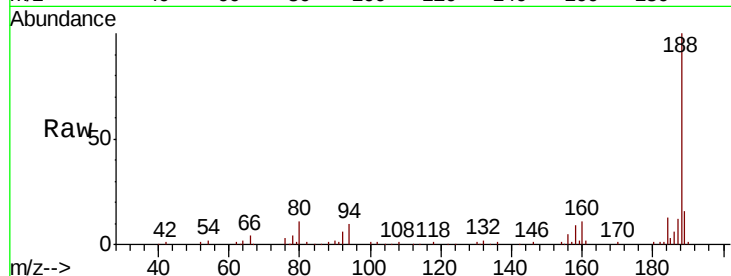
Tot Ion:188 Resp: 157598

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

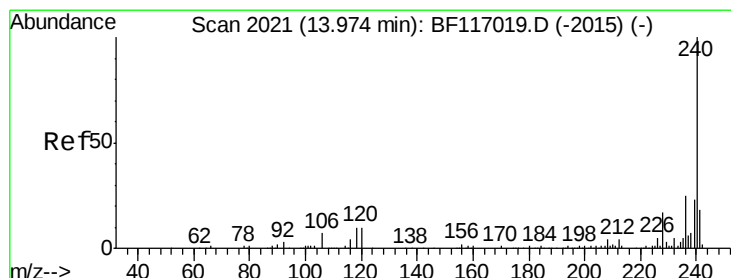
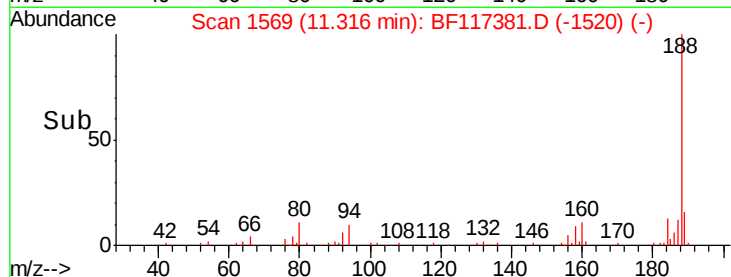
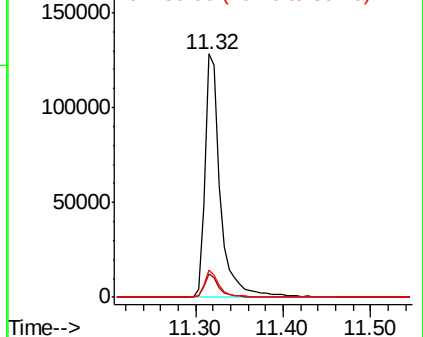
80 11.3 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF117381.D

Acq: 12 Oct 2019 21:03

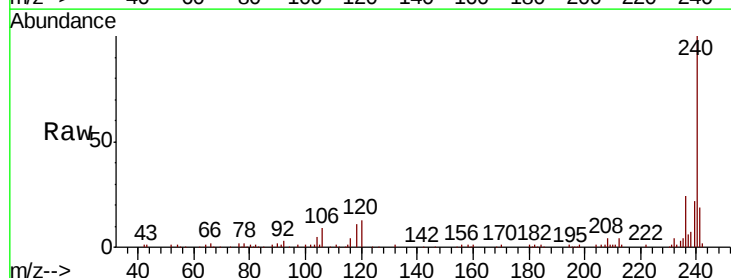
Tgt Ion:240 Resp: 127812

Ion Ratio Lower Upper

240 100

120 12.5 8.3 12.5#

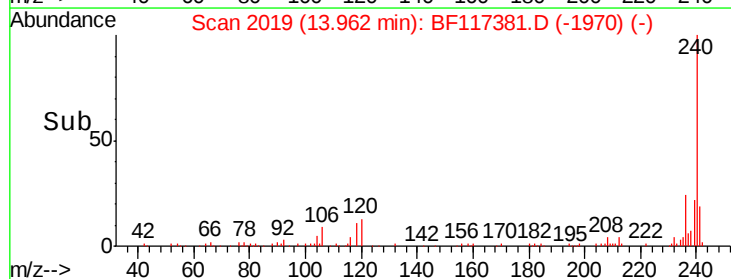
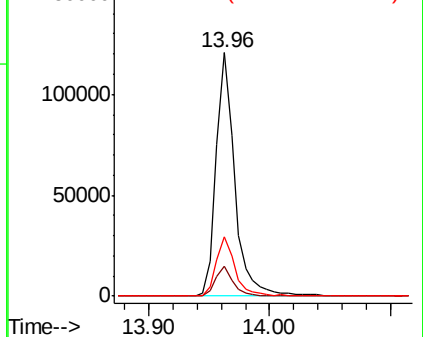
236 24.3 20.3 30.5

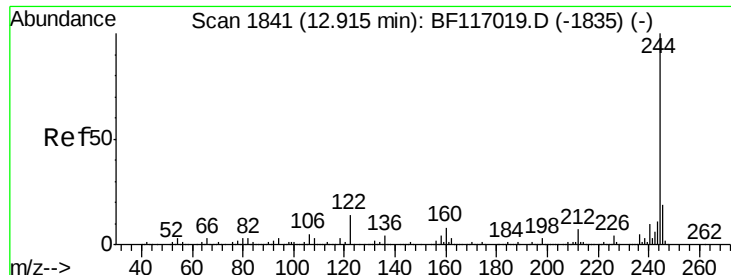


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.780 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF117381.D

Acq: 12 Oct 2019 21:03

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RAW-DISCRETE-CORE-C-1

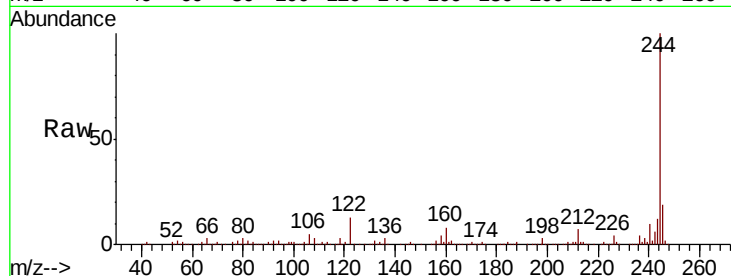
Tot Ion:244 Resp: 586540

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	12.9	11.3	16.9

244 100

212 7.0 5.8 8.8

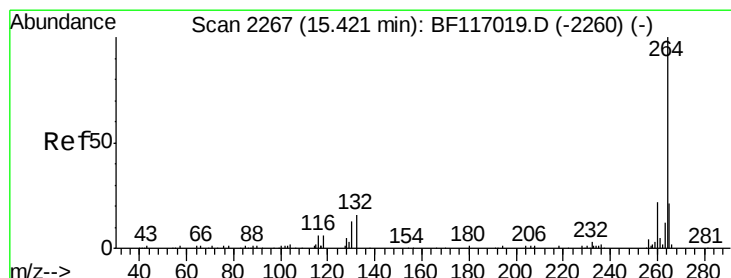
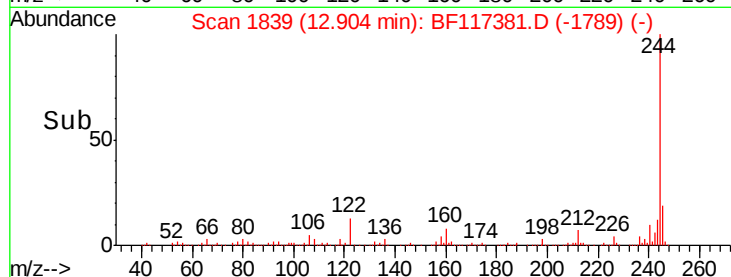
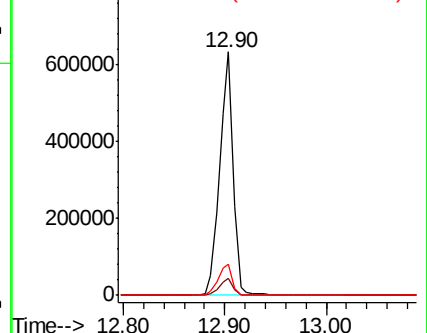
122 12.9 11.3 16.9



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: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF117381.D

Acq: 12 Oct 2019 21:03

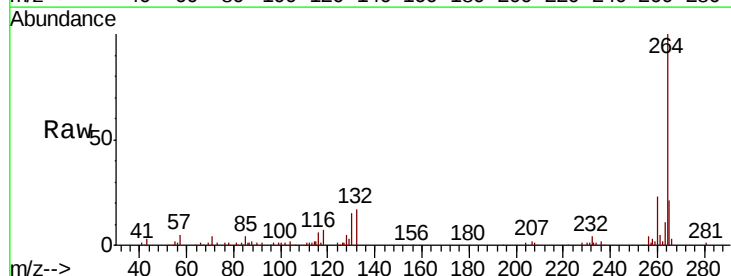
Tgt Ion:264 Resp: 125802

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.6	26.4
265	21.2	16.6	24.8

264 100

260 23.1 17.6 26.4

265 21.2 16.6 24.8



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

