

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118668.D
 Acq On : 22 Jan 2020 17:37
 Operator : CG/JU
 Sample : L1214-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K500-4

Quant Time: Jan 23 06:48:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

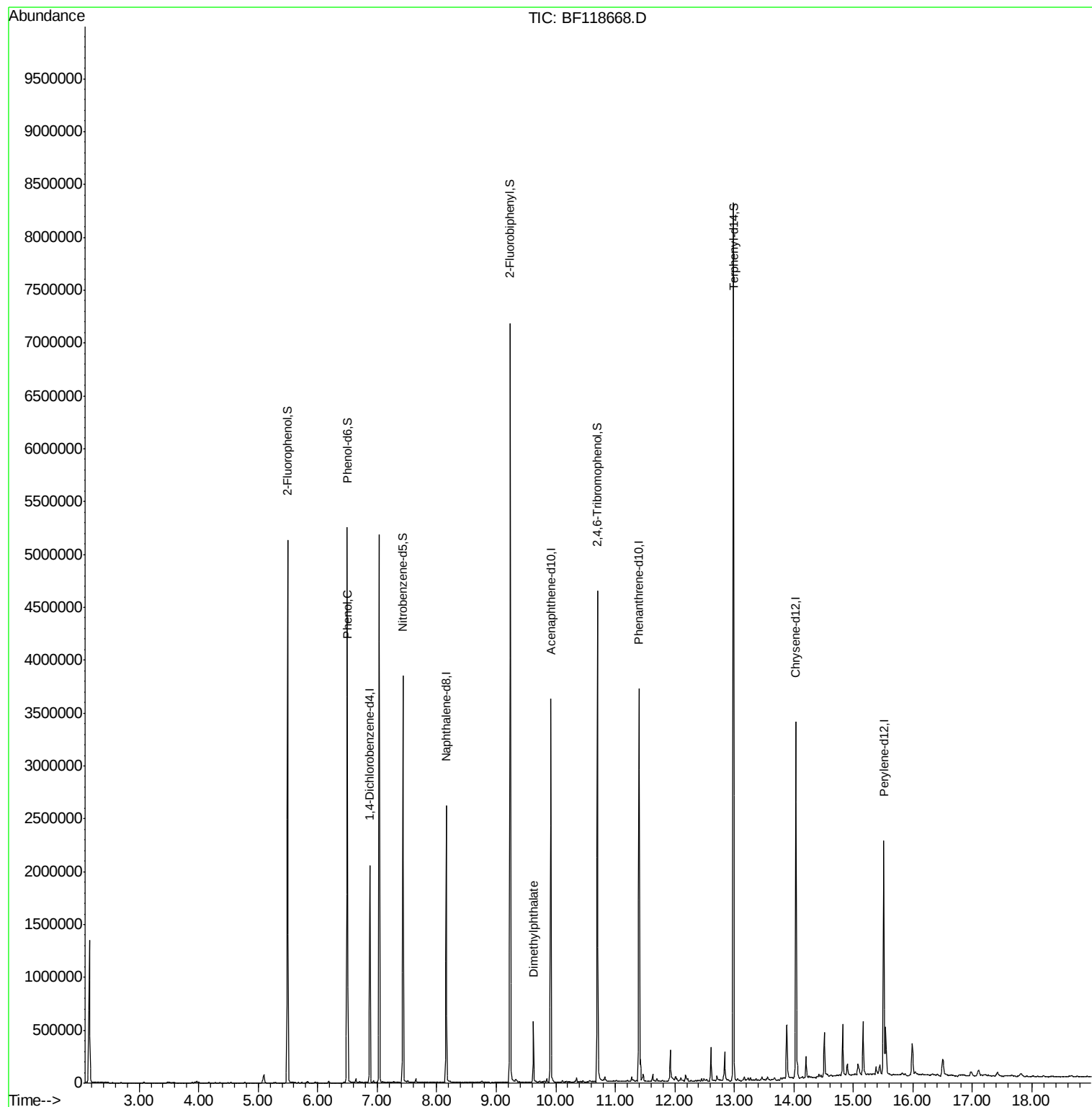
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	335831	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1287325	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	731649	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1384640	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1071769	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1041076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1532973	84.78	ng	0.00
7) Phenol-d6	6.50	99	1963017	83.53	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1248837	54.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	691277	81.69	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2426217	54.50	ng	-0.01
79) Terphenyl-d14	12.99	244	2996707	60.98	ng	0.00
Target Compounds						
10) Phenol	6.51	94	136715	5.104	ng	96
50) Dimethylphthalate	9.62	163	240885	5.053	ng	97

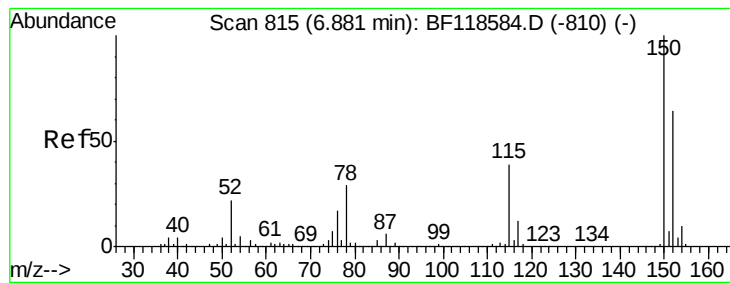
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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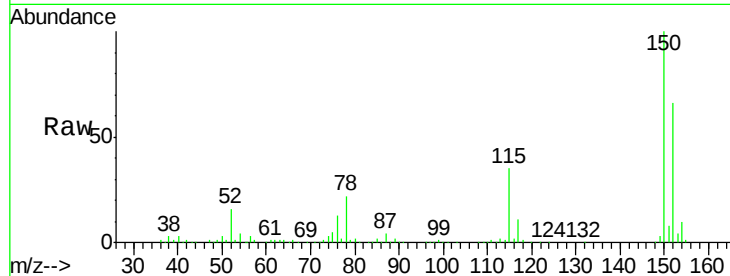


#1

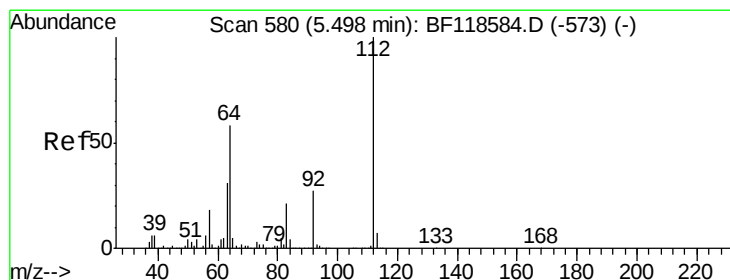
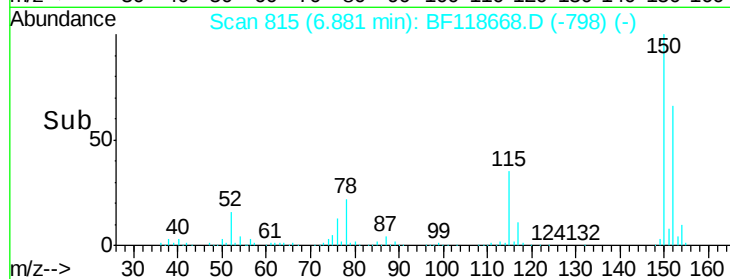
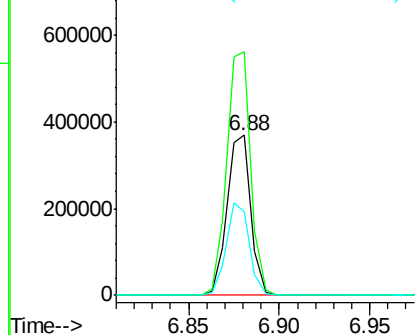
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118668.D
Acq: 22 Jan 2020 17:37

Instrument :
BNA_F
ClientSampleId :
K500-4

Tot Ion:152 Resp: 335831
Ion Ratio Lower Upper
152 100
150 152.1 125.6 188.4
115 52.6 48.4 72.6



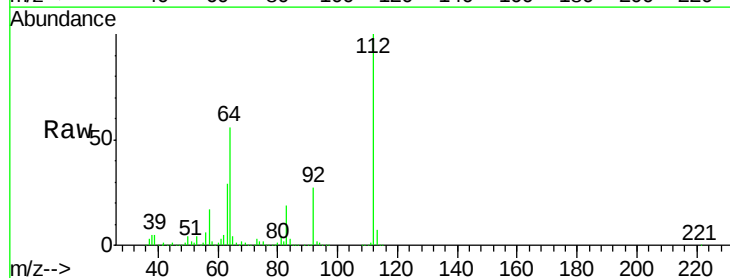
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



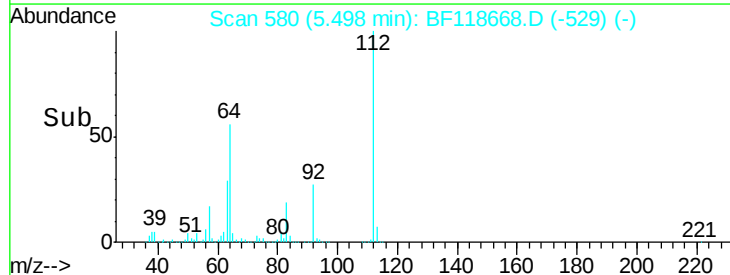
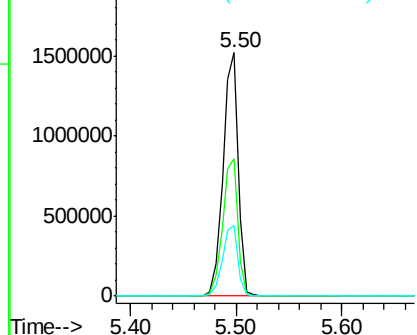
#5

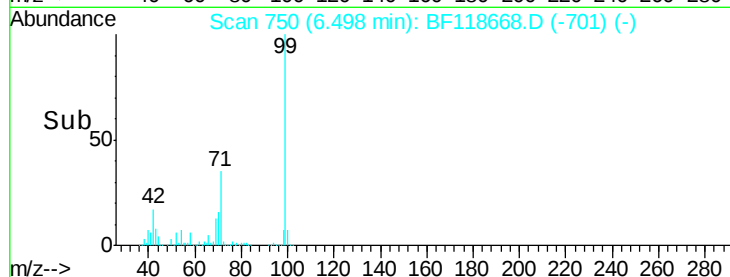
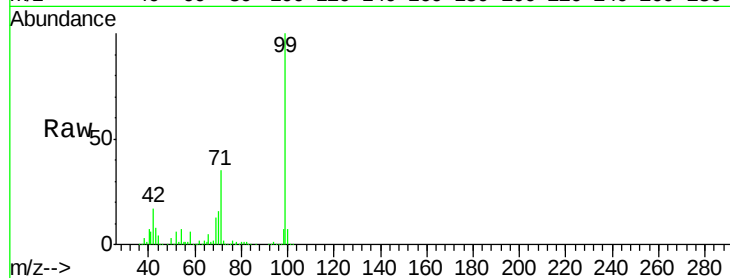
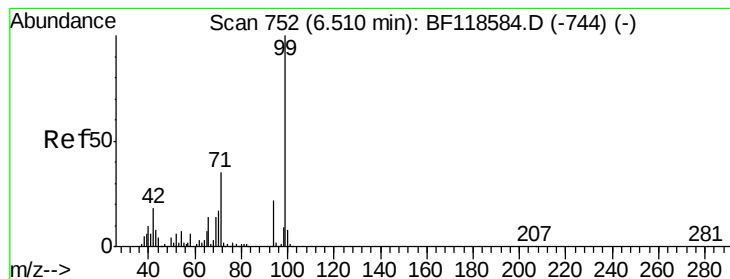
2-Fluorophenol
Concen: 84.778 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118668.D
Acq: 22 Jan 2020 17:37

Tgt Ion:112 Resp: 1532973
Ion Ratio Lower Upper
112 100
64 56.2 46.6 70.0
63 29.0 25.1 37.7



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: 83.525 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

Instrument :

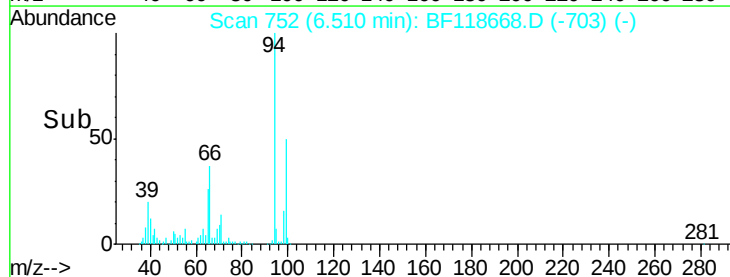
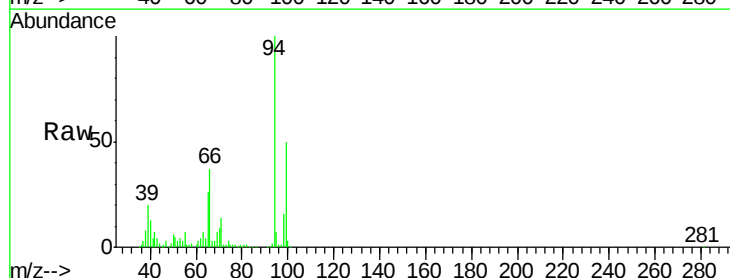
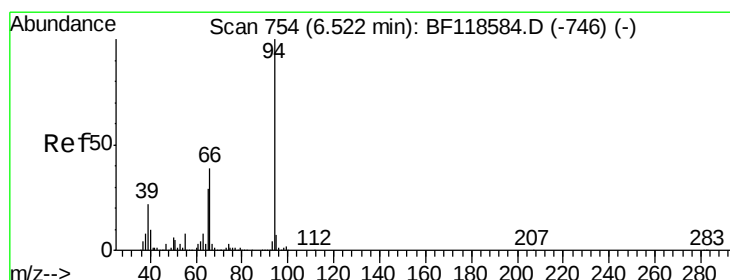
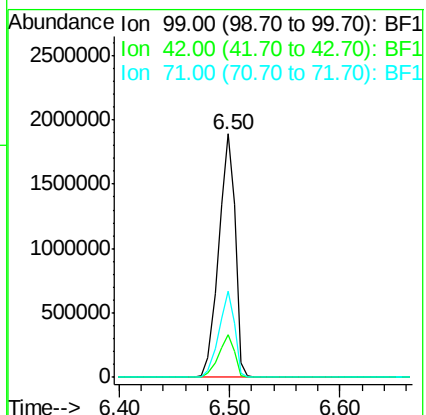
BNA_F

ClientSampled :

K500-4

Tot Ion: 99 Resp: 1963017

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.2	21.2
71	35.3	27.8	41.6



#10

Phenol

Concen: 5.104 ng

RT: 6.51 min Scan# 752

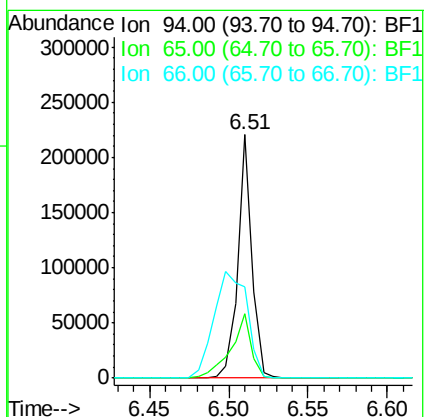
Delta R.T. -0.01 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

Tgt Ion: 94 Resp: 136715

Ion	Ratio	Lower	Upper
94	100		
65	26.4	9.5	49.5
66	37.3	18.5	58.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

Instrument :

BNA_F

ClientSampleId :

K500-4

Tot Ion:136 Resp: 1287325

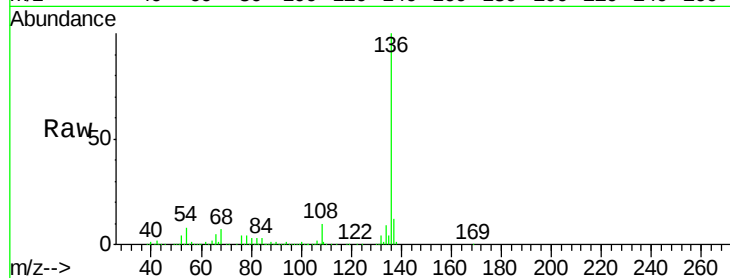
Ion Ratio Lower Upper

136 100

137 11.8 9.1 13.7

54 7.5 5.8 8.6

68 6.7 5.0 7.4

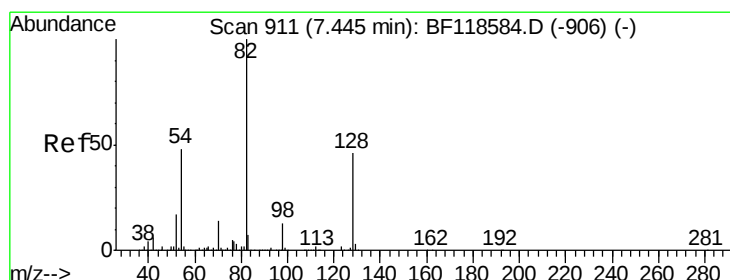
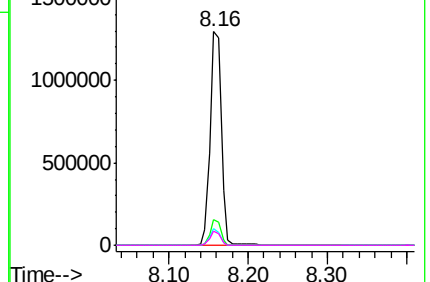
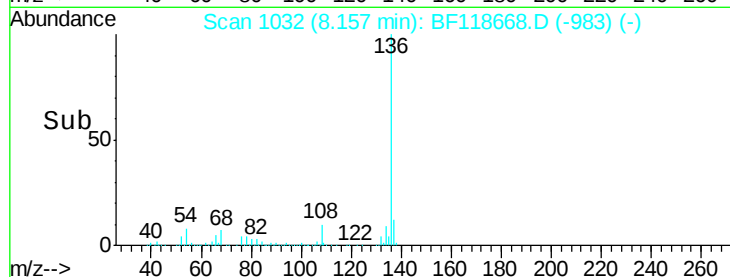


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.262 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

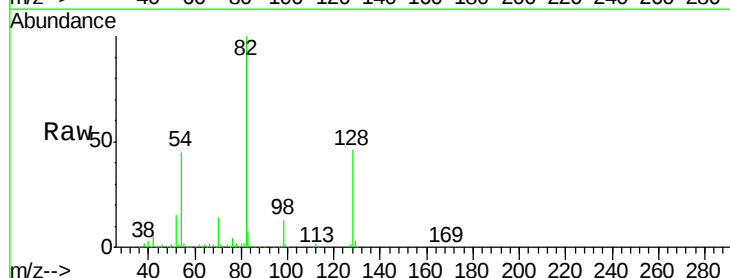
Tgt Ion: 82 Resp: 1248837

Ion Ratio Lower Upper

82 100

128 46.5 36.6 54.8

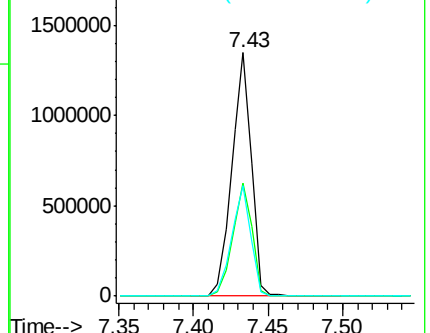
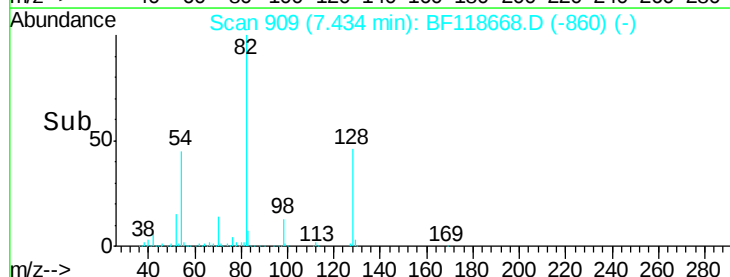
54 45.4 38.0 57.0

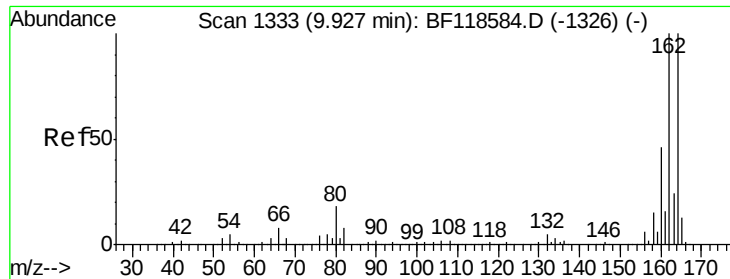


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

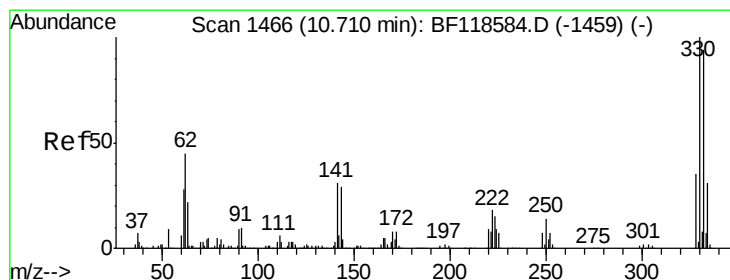
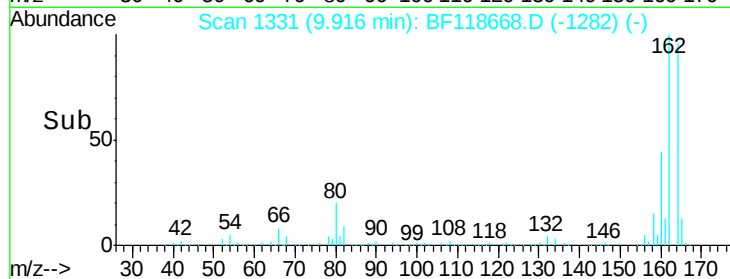
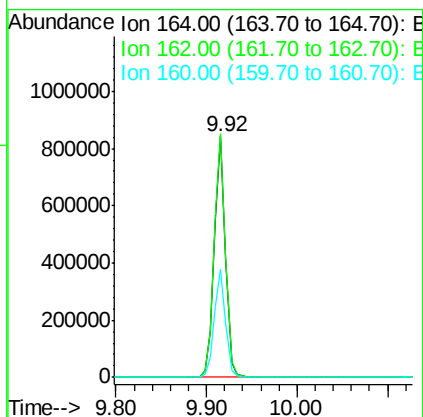
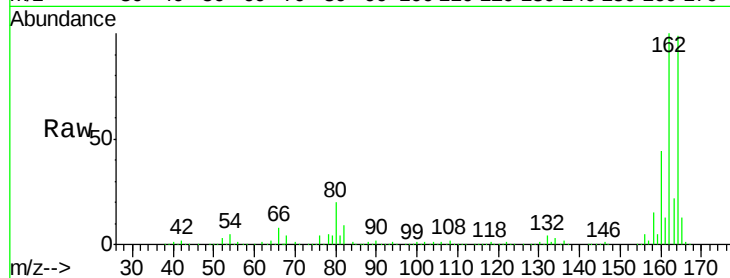




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118668.D
 Acq: 22 Jan 2020 17:37

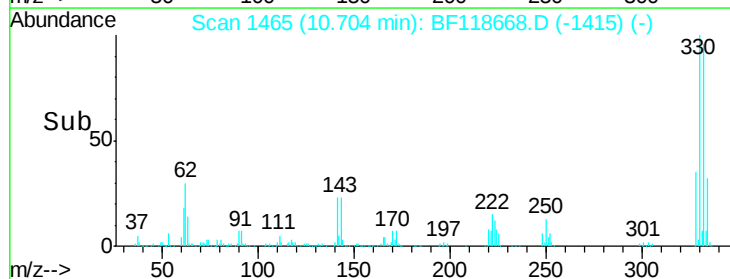
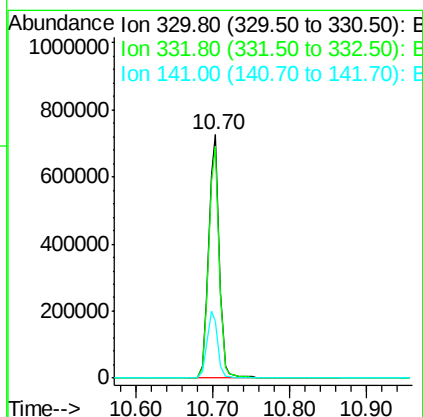
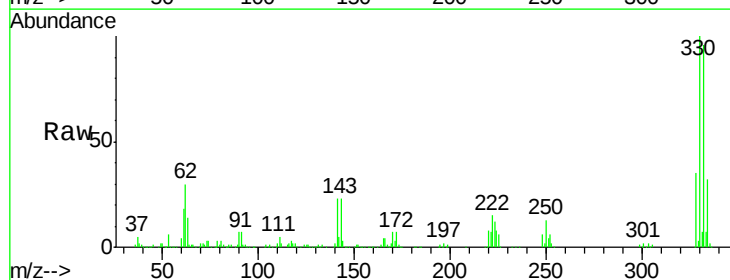
Instrument :
 BNA_F
 ClientSampled :
 K500-4

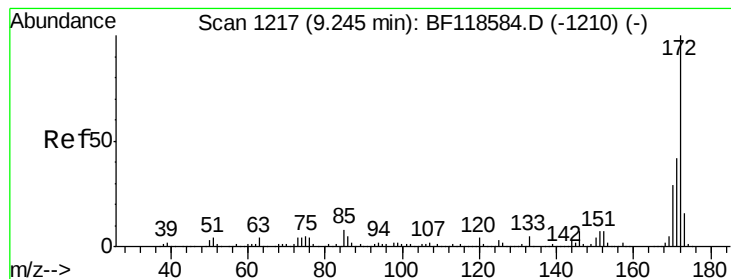
Tot Ion:164 Resp: 731649
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.4 120.6
 160 44.7 36.6 55.0



#42
 2,4,6-Tribromophenol
 Concen: 81.688 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118668.D
 Acq: 22 Jan 2020 17:37

Tgt Ion:330 Resp: 691277
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 27.9 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 54.504 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

Instrument :

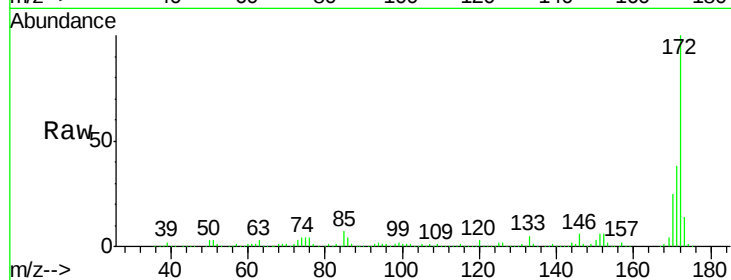
BNA_F

ClientSampleId :

K500-4

Tot Ion:172 Resp: 2426217

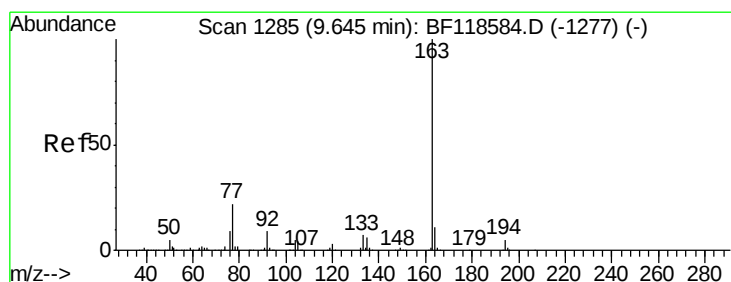
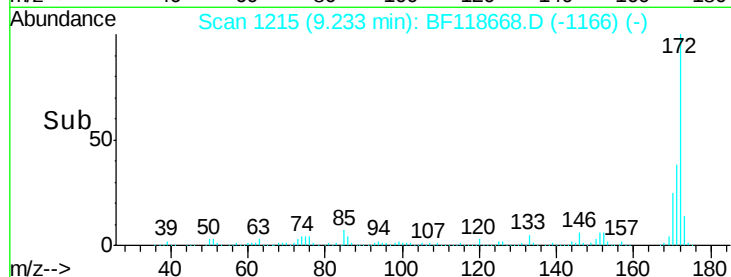
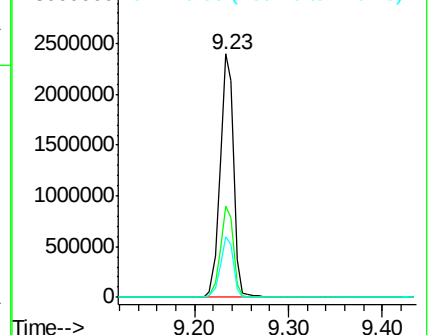
Ion	Ratio	Lower	Upper
172	100		
171	37.6	33.4	50.2
170	25.1	23.2	34.8



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



#50

Dimethylphthalate

Concen: 5.053 ng

RT: 9.62 min Scan# 1281

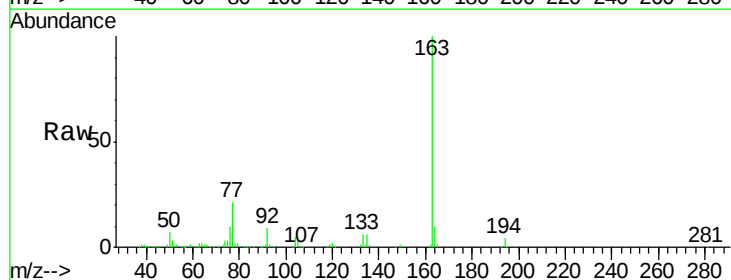
Delta R.T. -0.02 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

Tgt Ion:163 Resp: 240885

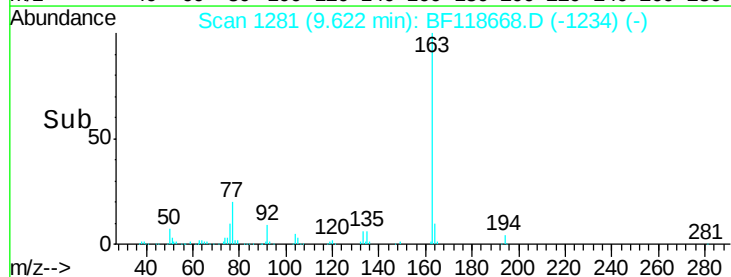
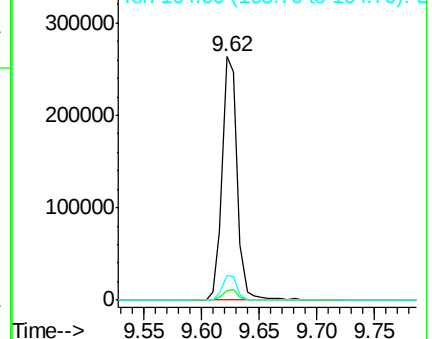
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.9	5.9
164	10.1	9.1	13.7

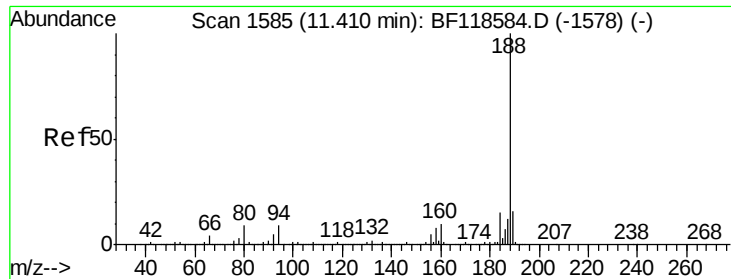


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

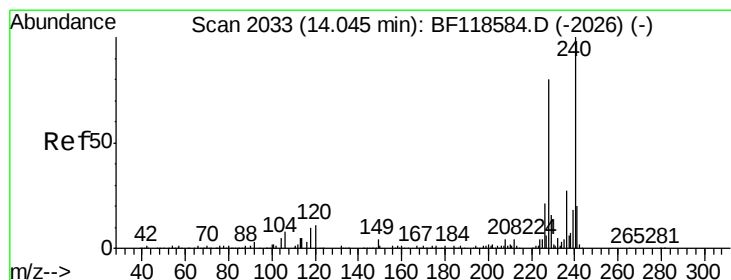
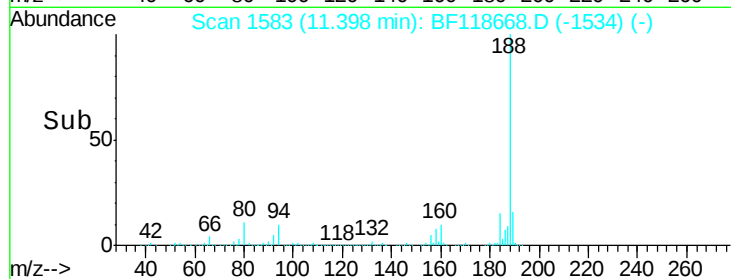
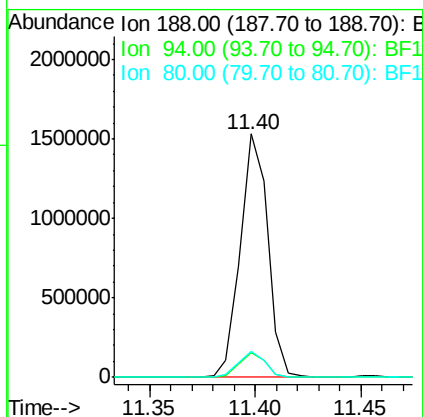
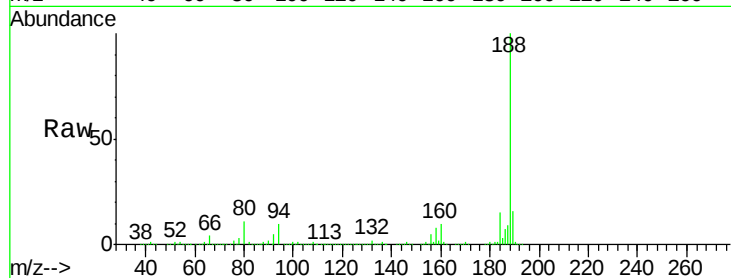




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118668.D
Acq: 22 Jan 2020 17:37

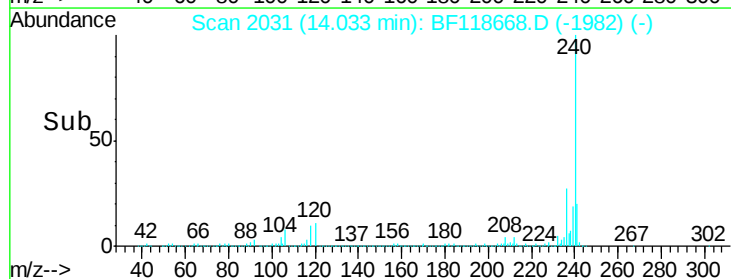
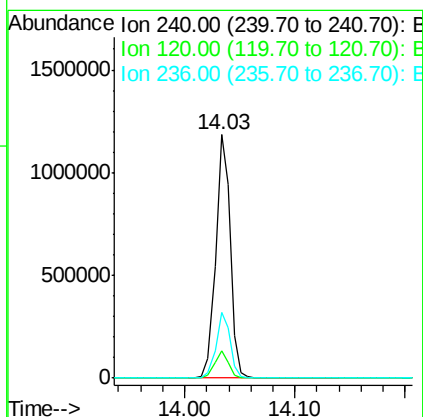
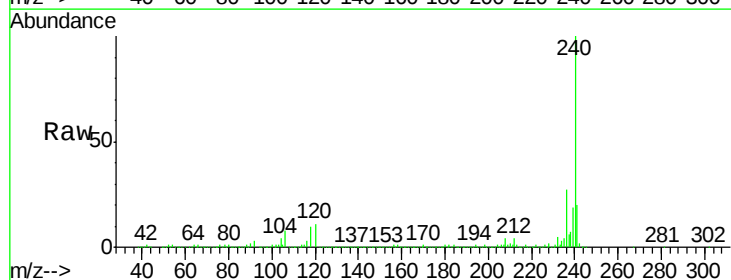
Instrument :
BNA_F
ClientSampleId :
K500-4

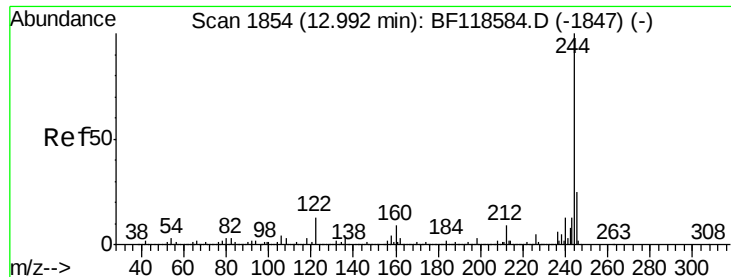
Tot Ion:188 Resp: 1384640
Ion Ratio Lower Upper
188 100
94 10.1 7.1 10.7
80 10.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118668.D
Acq: 22 Jan 2020 17:37

Tgt Ion:240 Resp: 1071769
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.9 21.5 32.3





#79

Terphenyl-d14

Concen: 60.984 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

Instrument :

BNA_F

ClientSampleId :

K500-4

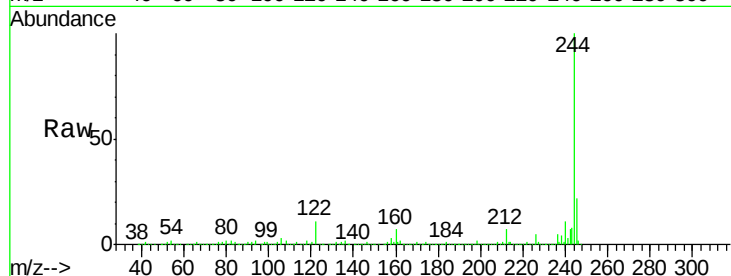
Tot Ion:244 Resp: 2996707

Ion Ratio Lower Upper

244 100

212 7.1 7.0 10.4

122 10.6 10.7 16.1#

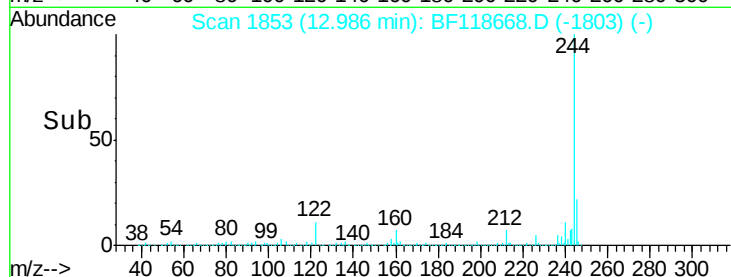


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



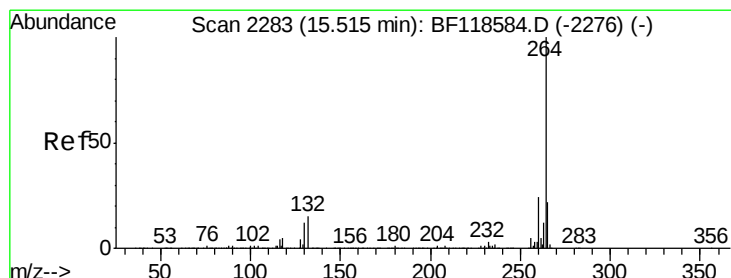
Abundance

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

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118668.D

Acq: 22 Jan 2020 17:37

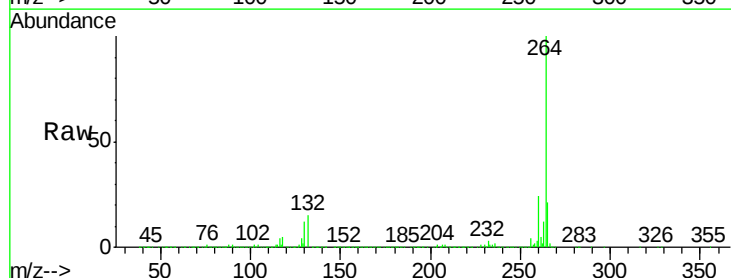
Tgt Ion:264 Resp: 1041076

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 21.3 17.7 26.5

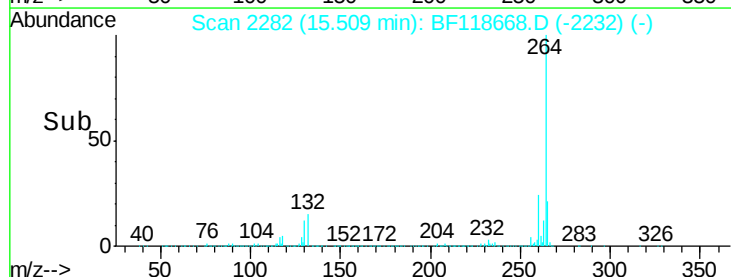


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



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

Time-->