

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118640.D
 Acq On : 21 Jan 2020 18:39
 Operator : CG/JU
 Sample : L1205-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-4

Quant Time: Jan 22 04:32:32 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

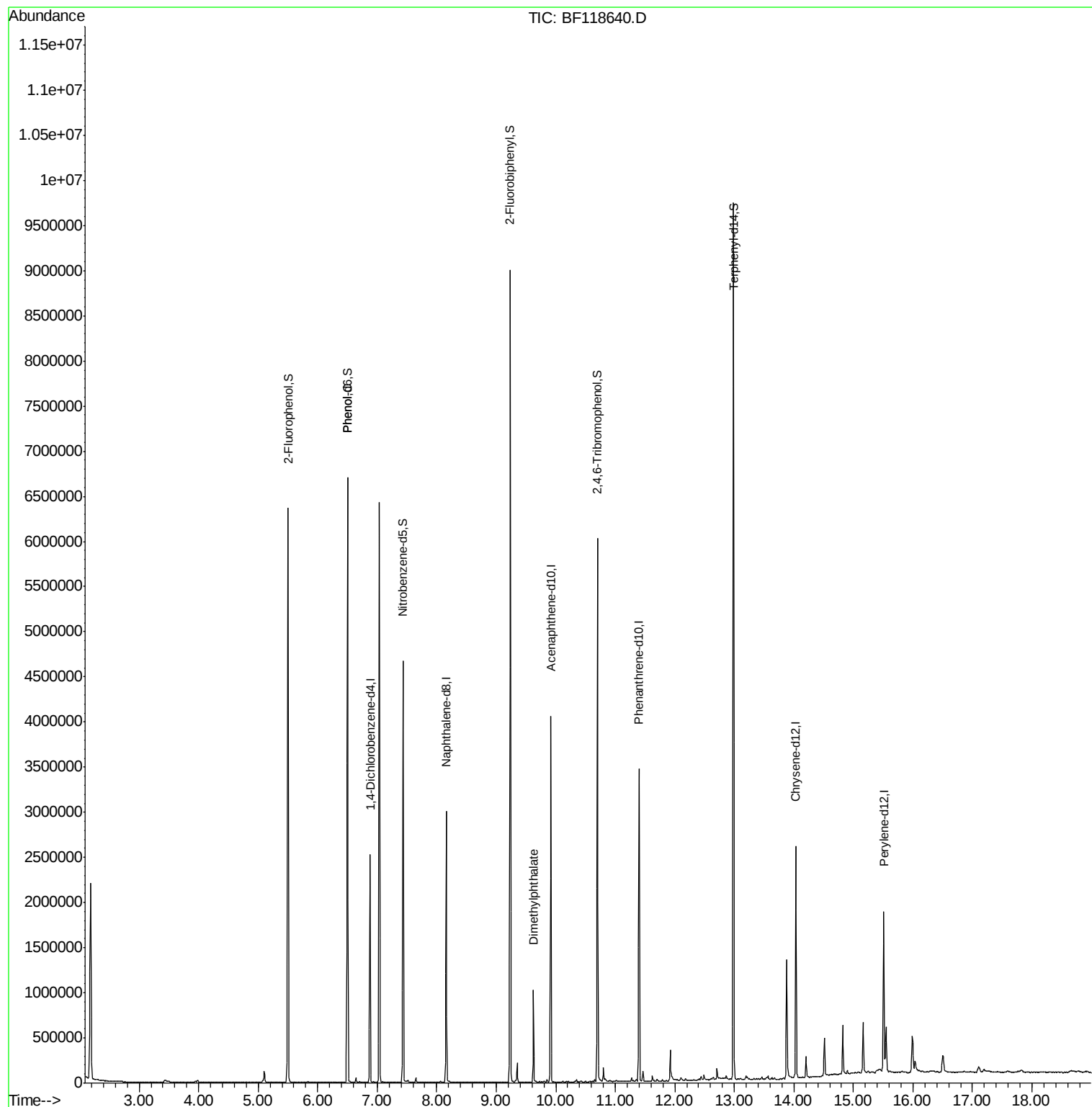
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	379581	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1386928	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	766203	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1357565	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	802011	20.00	ng	-0.01
87) Perylene-d12	15.51	264	826394	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1947684	95.30	ng	0.00
7) Phenol-d6	6.50	99	2497084	94.00	ng	0.00
23) Nitrobenzene-d5	7.43	82	1602697	64.64	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	814071	91.86	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3075214	65.97	ng	0.00
79) Terphenyl-d14	12.99	244	3342934	90.91	ng	0.00
Target Compounds						
10) Phenol	6.51	94	67320	2.224	ng	Qvalue # 63
50) Dimethylphthalate	9.63	163	396629	7.945	ng	96

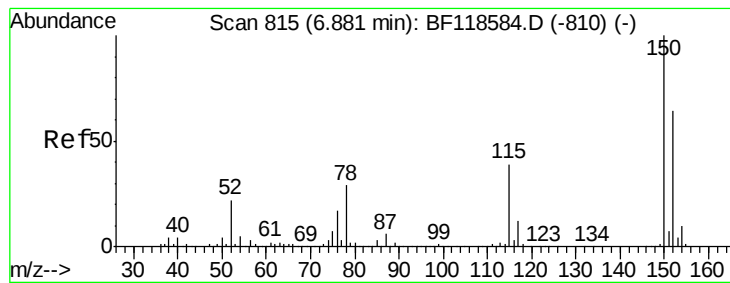
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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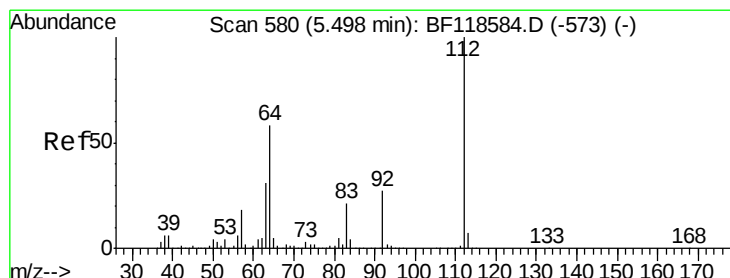
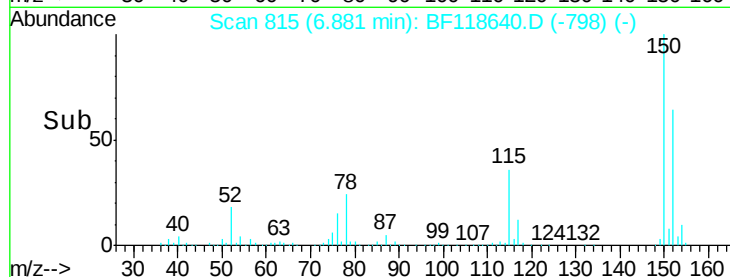
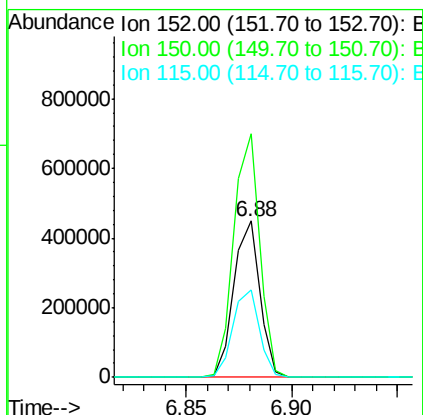
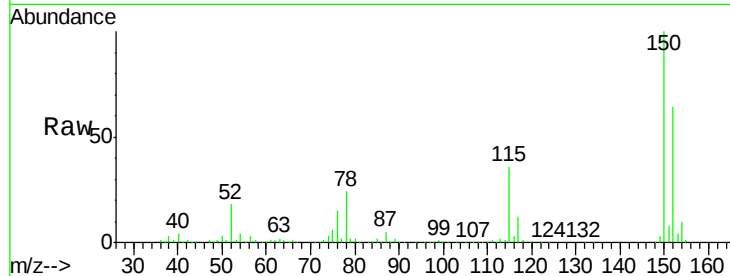


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

Instrument :
BNA_F
ClientSampleId :
EP-4

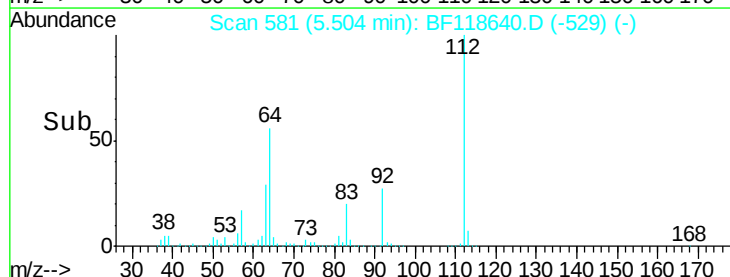
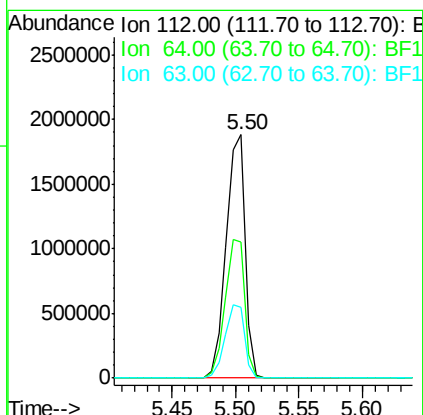
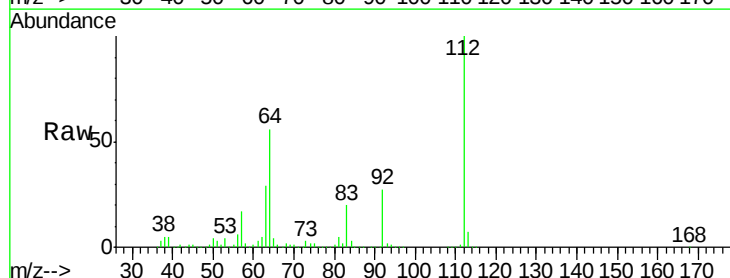
Tot Ion:152 Resp: 379581
Ion Ratio Lower Upper
152 100
150 155.8 125.6 188.4
115 56.0 48.4 72.6

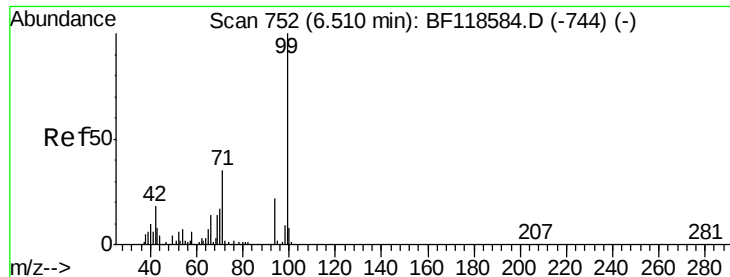


#5

2-Fluorophenol
Concen: 95.298 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

Tgt Ion:112 Resp: 1947684
Ion Ratio Lower Upper
112 100
64 55.8 46.6 70.0
63 29.1 25.1 37.7





#7

Phenol-d6

Concen: 94.003 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118640.D

Acq: 21 Jan 2020 18:39

Instrument :

BNA_F

ClientSampleId :

EP-4

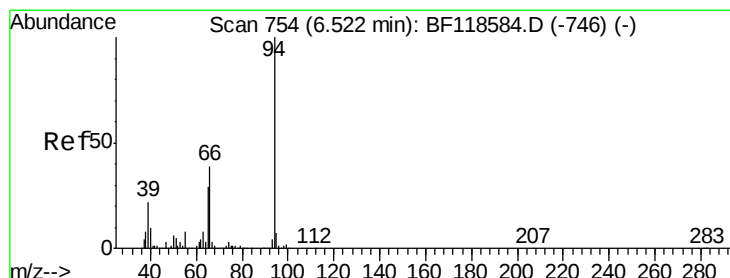
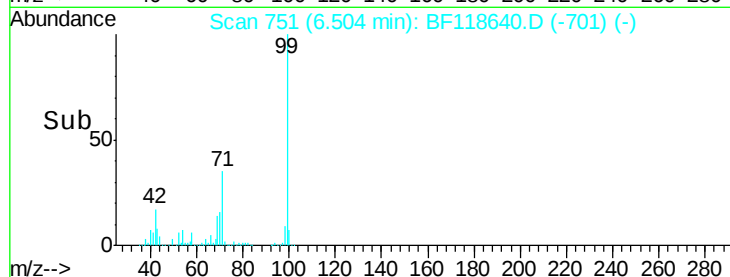
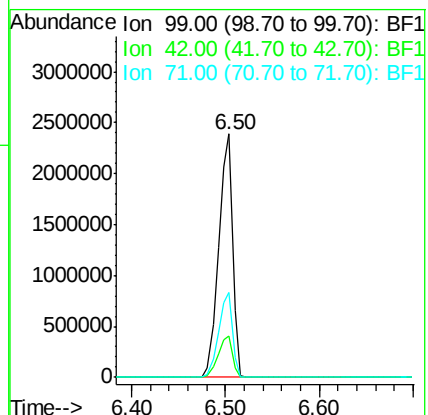
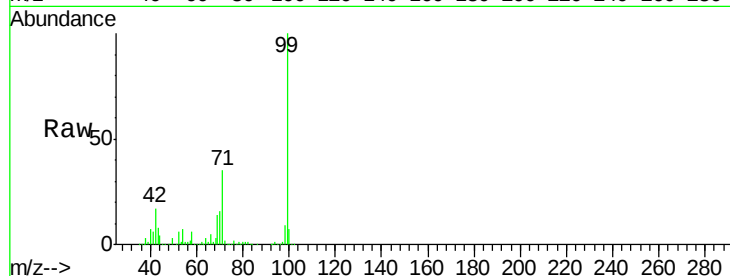
Tot Ion: 99 Resp: 2497084

Ion Ratio Lower Upper

99 100

42 16.9 14.2 21.2

71 34.8 27.8 41.6



#10

Phenol

Concen: 2.224 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118640.D

Acq: 21 Jan 2020 18:39

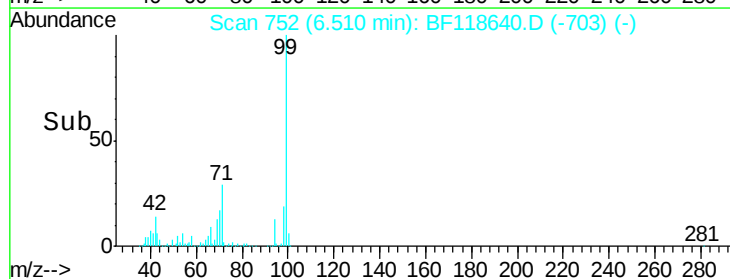
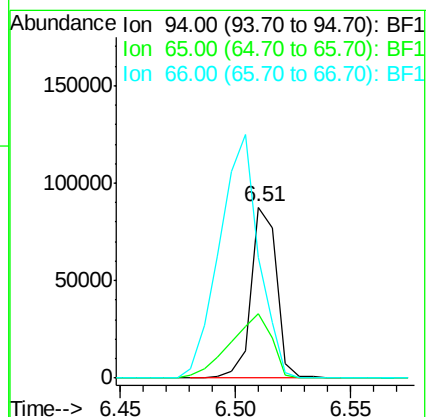
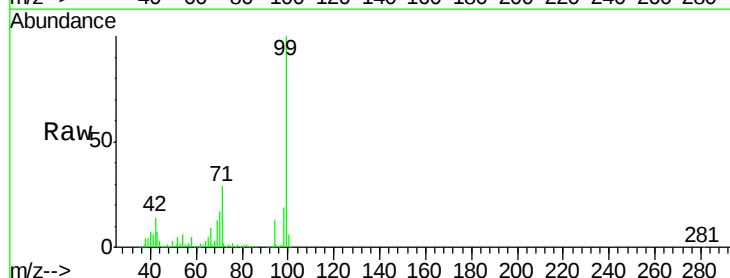
Tgt Ion: 94 Resp: 67320

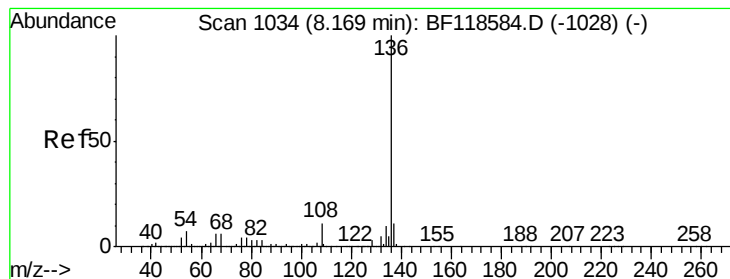
Ion Ratio Lower Upper

94 100

65 37.5 9.5 49.5

66 71.0 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: BF118640.D

Acq: 21 Jan 2020 18:39

Instrument :

BNA_F

ClientSampleId :

EP-4

Tot Ion:136 Resp: 1386928

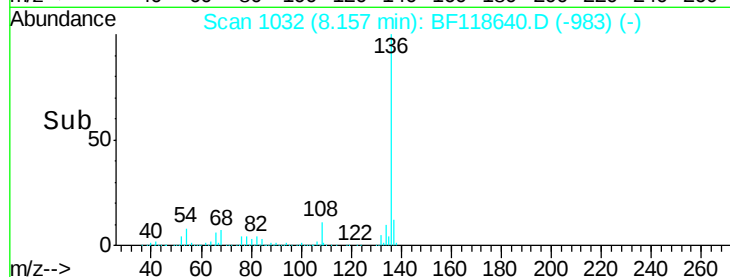
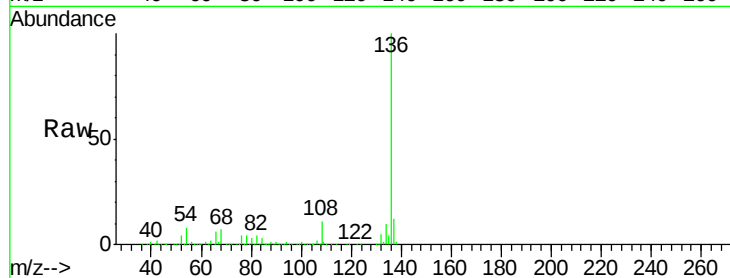
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 7.9 5.8 8.6

68 6.7 5.0 7.4

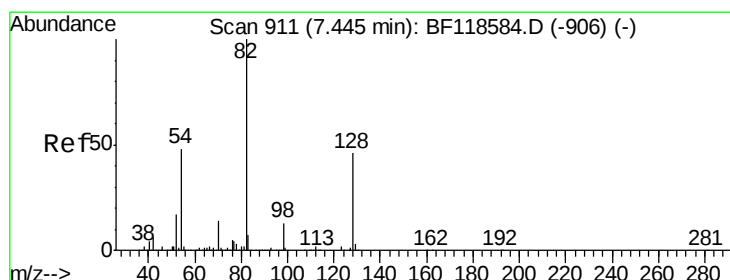
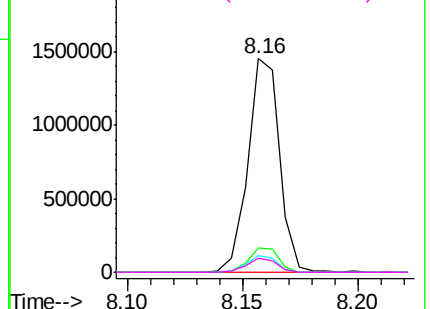


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.636 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118640.D

Acq: 21 Jan 2020 18:39

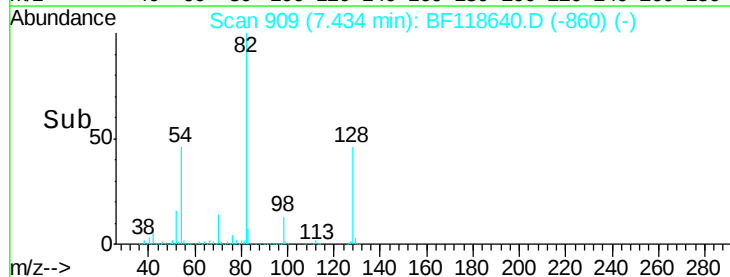
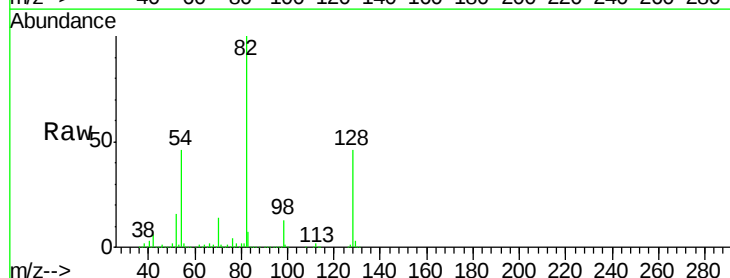
Tgt Ion: 82 Resp: 1602697

Ion Ratio Lower Upper

82 100

128 45.6 36.6 54.8

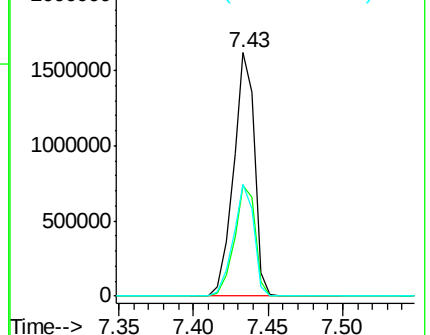
54 46.1 38.0 57.0

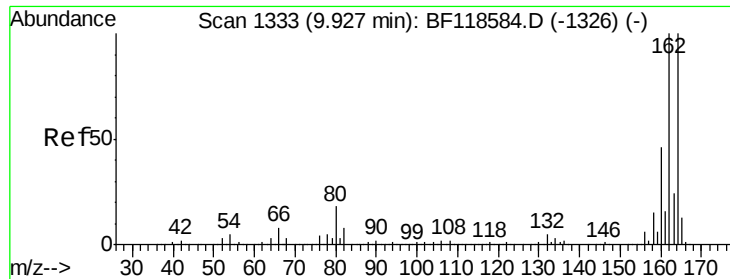


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF118640.D

Acq: 21 Jan 2020 18:39

Instrument :

BNA_F

ClientSampleId :

EP-4

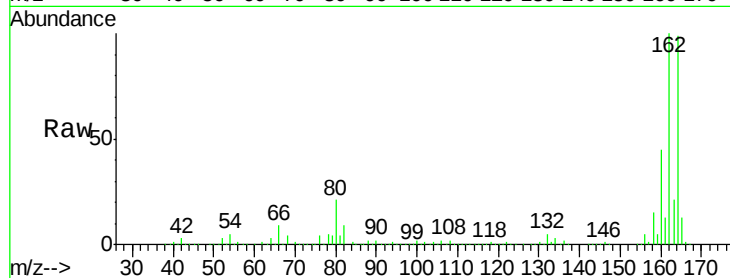
Tot Ion:164 Resp: 766203

Ion Ratio Lower Upper

164 100

162 101.2 80.4 120.6

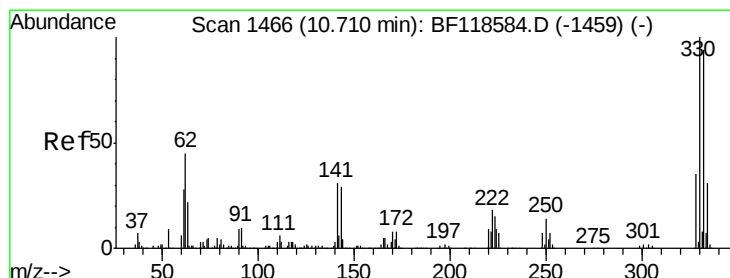
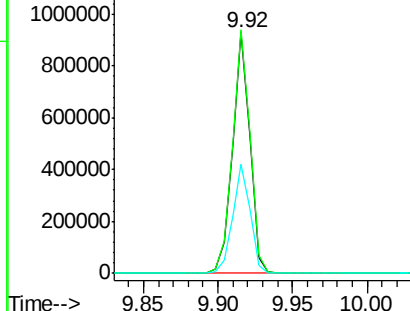
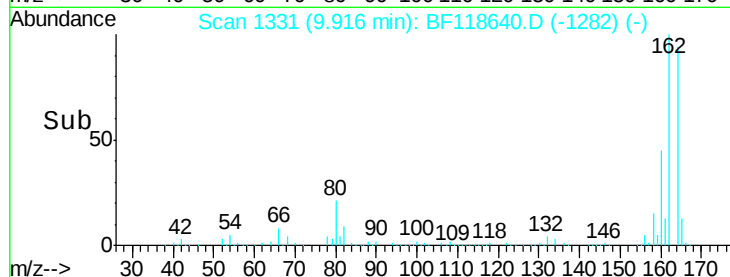
160 45.7 36.6 55.0



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: 91.860 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118640.D

Acq: 21 Jan 2020 18:39

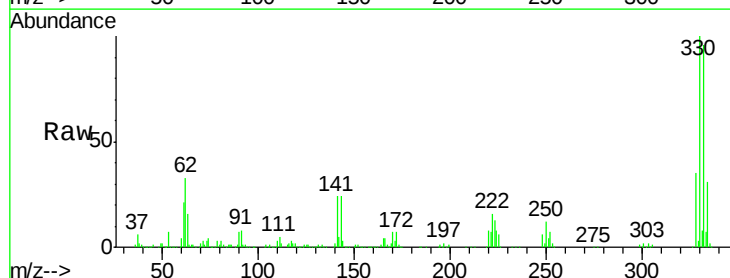
Tgt Ion:330 Resp: 814071

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

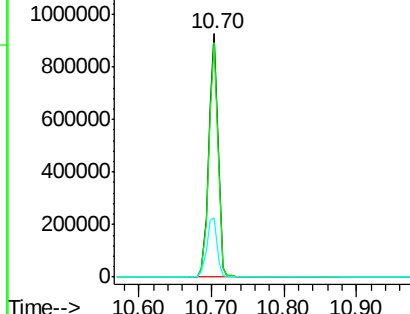
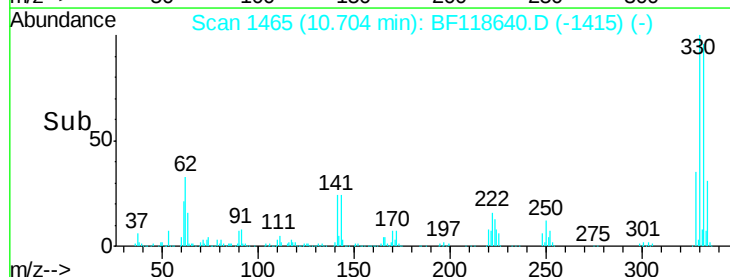
141 27.5 23.9 35.9

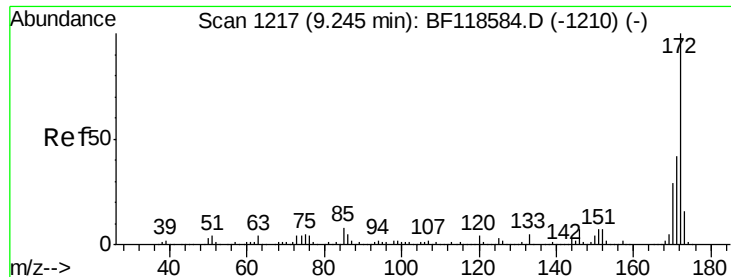


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

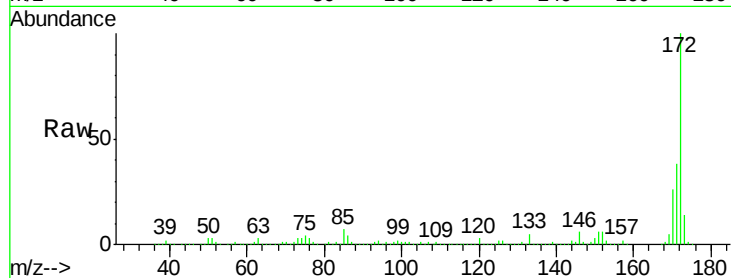




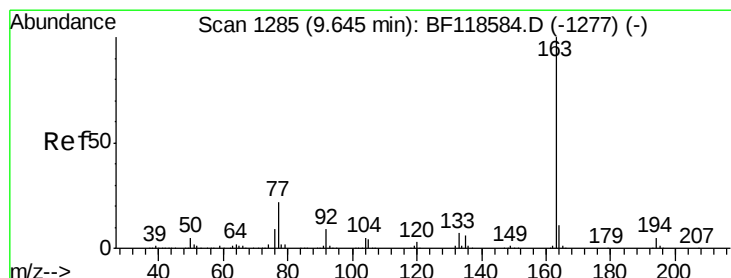
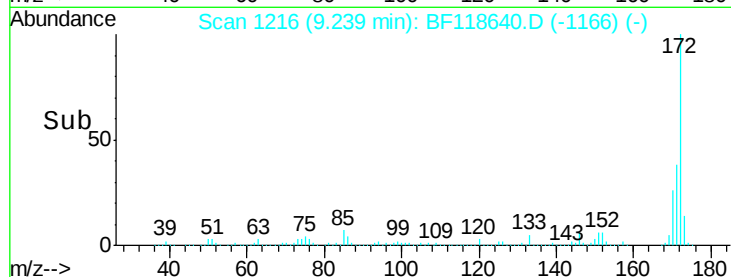
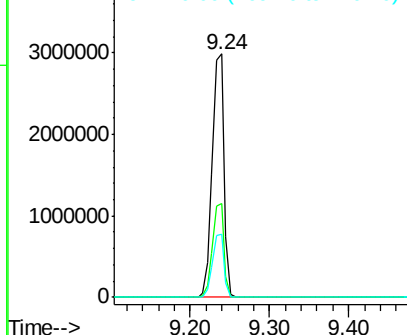
#45
2-Fluorobiphenyl
Concen: 65.968 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

Instrument :
BNA_F
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EP-4

Tot Ion:172 Resp: 3075214
Ion Ratio Lower Upper
172 100
171 38.4 33.4 50.2
170 25.9 23.2 34.8

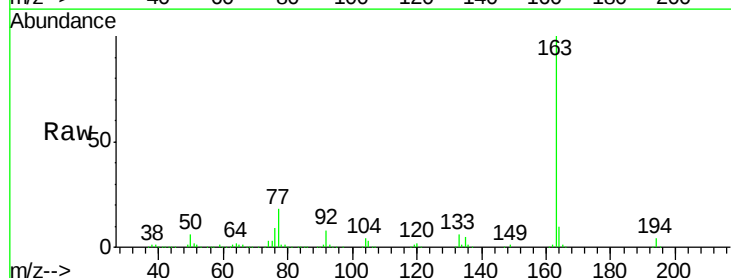


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

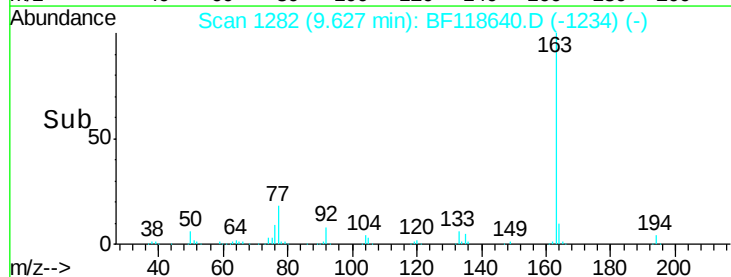
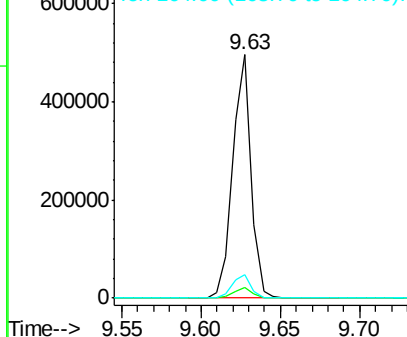


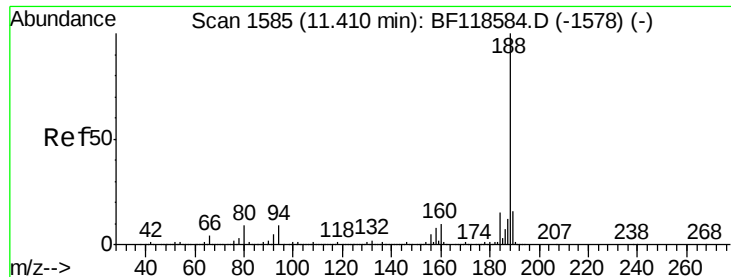
#50
Dimethylphthalate
Concen: 7.945 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

Tgt Ion:163 Resp: 396629
Ion Ratio Lower Upper
163 100
194 4.3 3.9 5.9
164 9.7 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

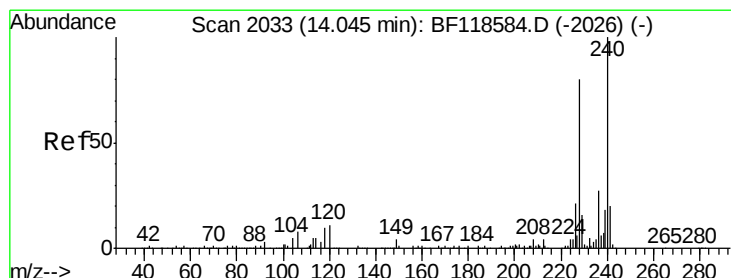
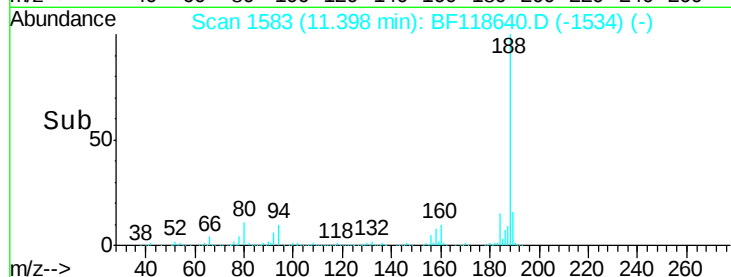
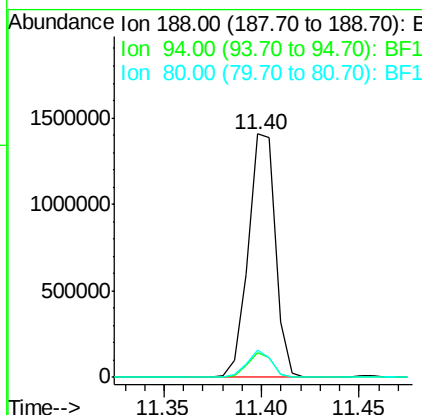
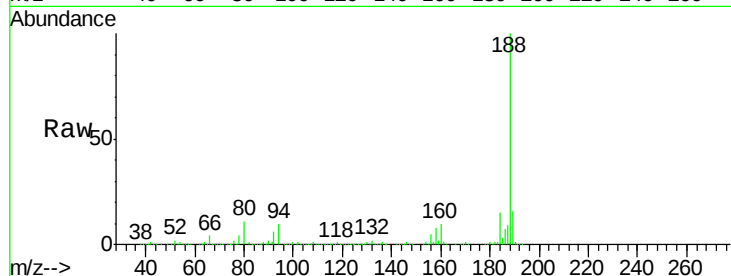




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

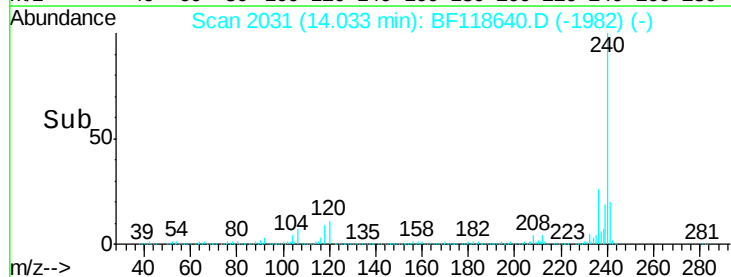
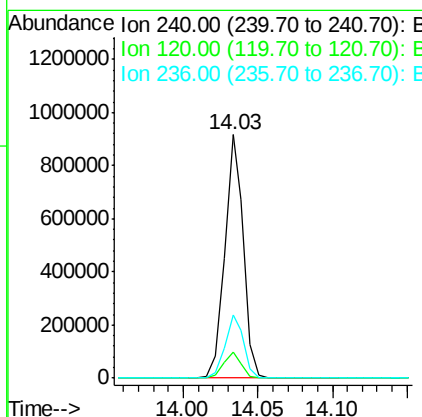
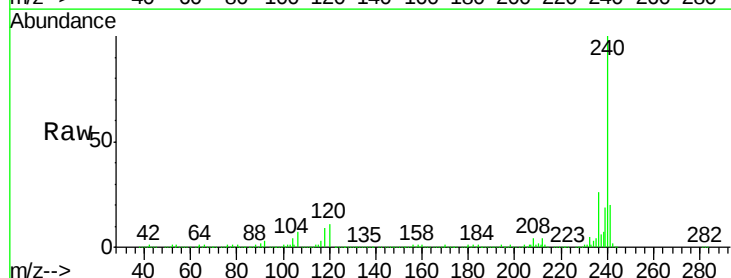
Instrument :
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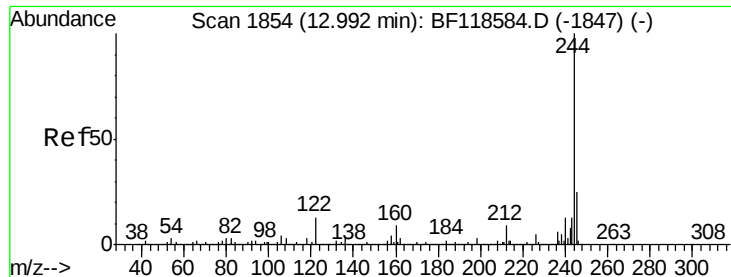
Tot Ion:188 Resp: 1357565
Ion Ratio Lower Upper
188 100
94 10.3 7.1 10.7
80 11.1 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118640.D
Acq: 21 Jan 2020 18:39

Tgt Ion:240 Resp: 802011
Ion Ratio Lower Upper
240 100
120 10.8 8.9 13.3
236 26.0 21.5 32.3





#79

Terphenyl-d14

Concen: 90.912 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118640.D

Acq: 21 Jan 2020 18:39

Instrument :

BNA_F

ClientSampleId :

EP-4

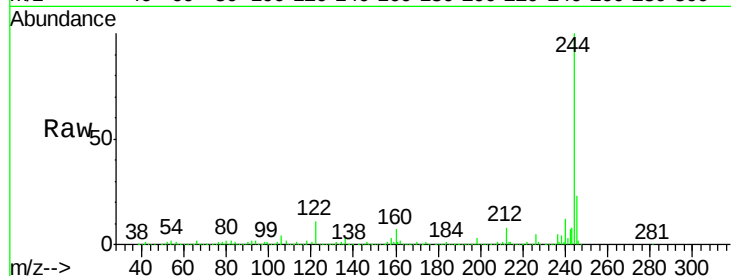
Tot Ion:244 Resp: 3342934

Ion Ratio Lower Upper

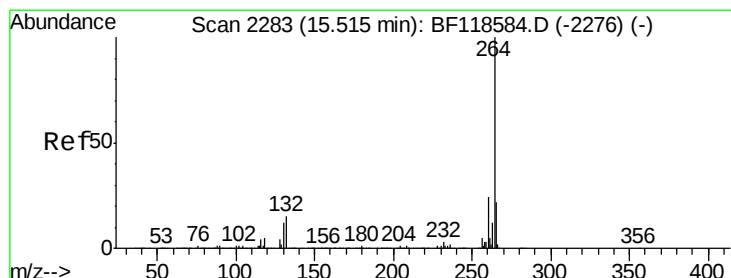
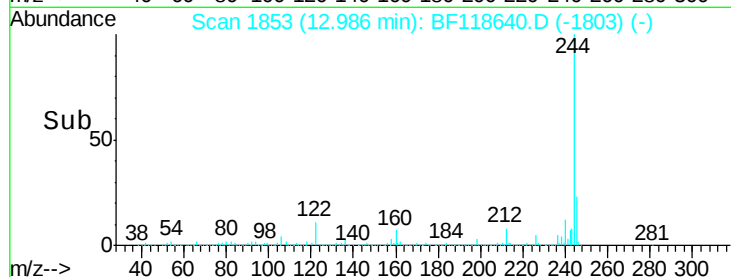
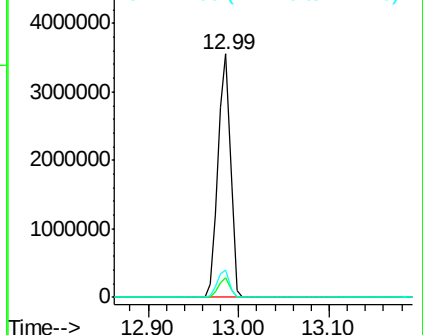
244 100

212 7.8 7.0 10.4

122 11.1 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118640.D

Acq: 21 Jan 2020 18:39

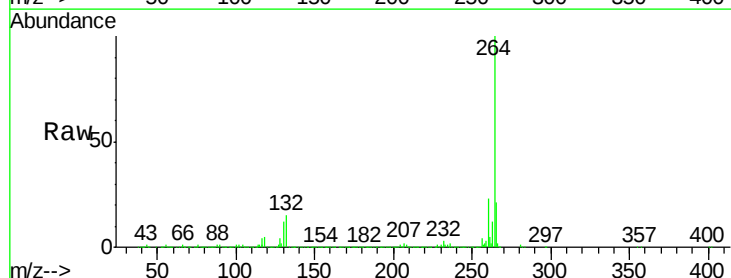
Tgt Ion:264 Resp: 826394

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 21.5 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

