

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118648.D
 Acq On : 21 Jan 2020 22:41
 Operator : CG/JU
 Sample : L1205-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-2

Quant Time: Jan 22 04:59:10 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

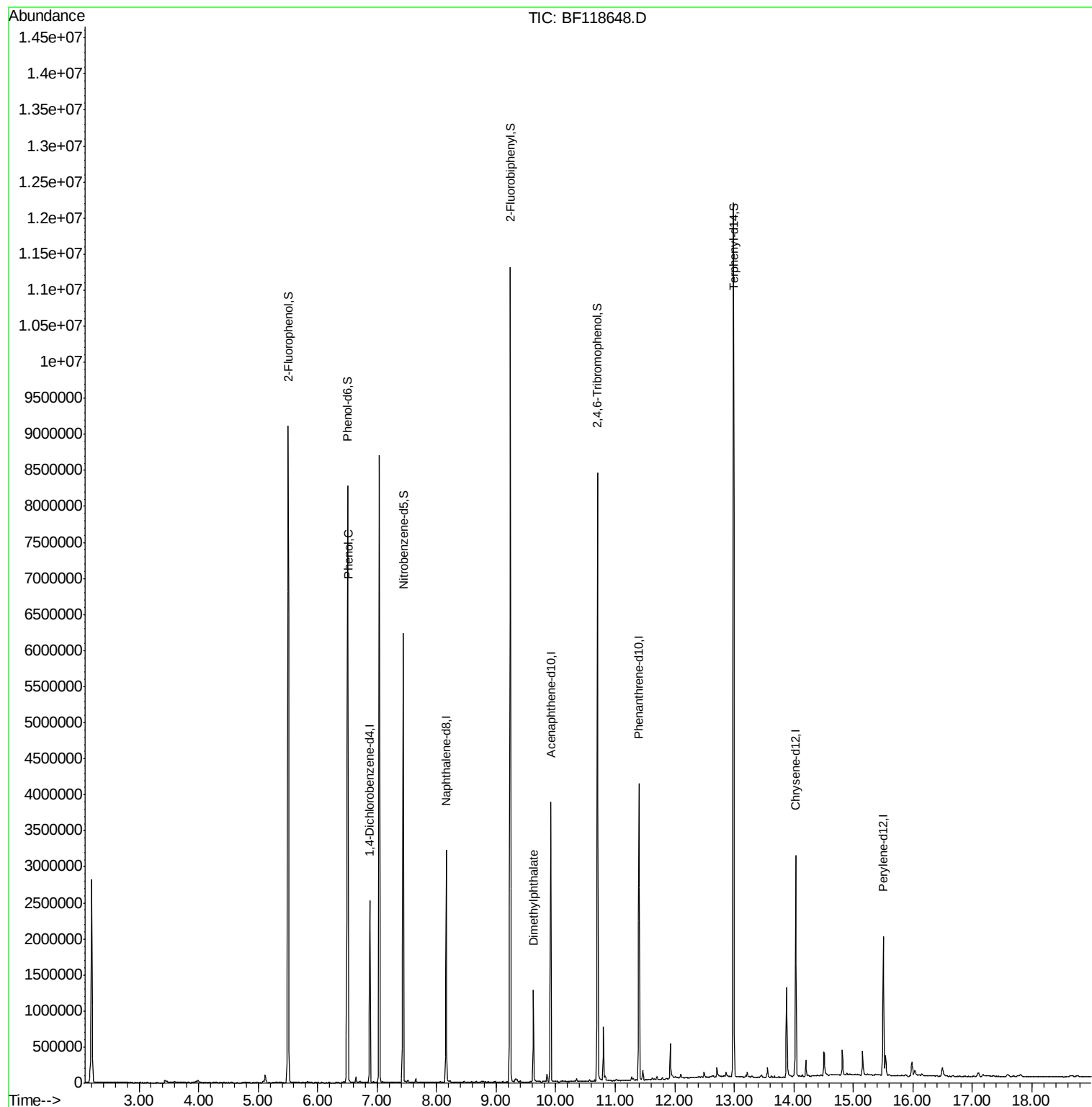
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	391114	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1437917	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	789092	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1434980	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	966824	20.00	ng	-0.01
87) Perylene-d12	15.50	264	928066	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2899672	137.69	ng	0.00
7) Phenol-d6	6.50	99	3668834	134.04	ng	0.00
23) Nitrobenzene-d5	7.44	82	2366275	92.05	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1203480	131.86	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4015425	83.64	ng	0.00
79) Terphenyl-d14	12.99	244	4698355	105.99	ng	0.00
Target Compounds						
10) Phenol	6.52	94	98001	3.142	ng	97
50) Dimethylphthalate	9.62	163	522403	10.161	ng	97

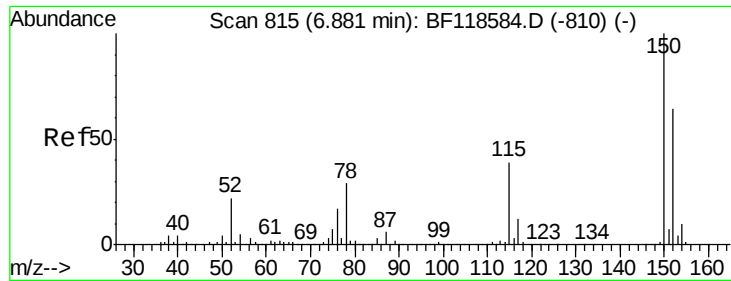
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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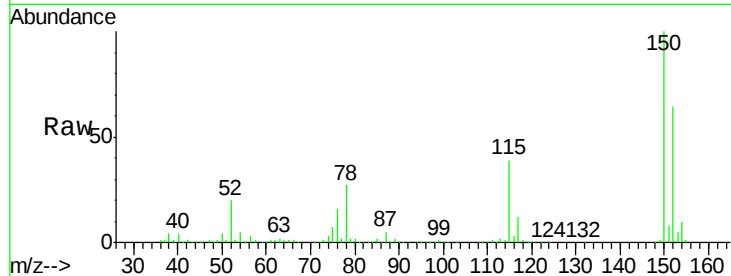


#1

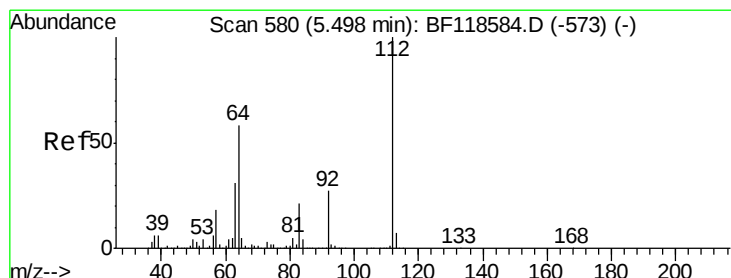
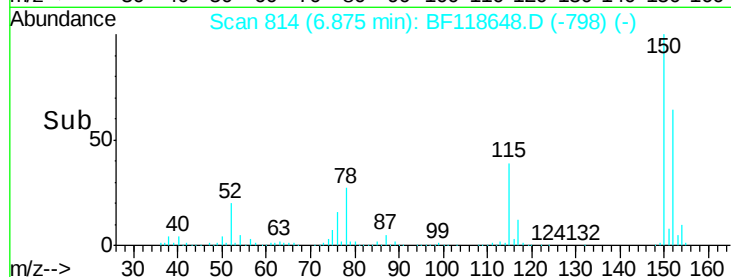
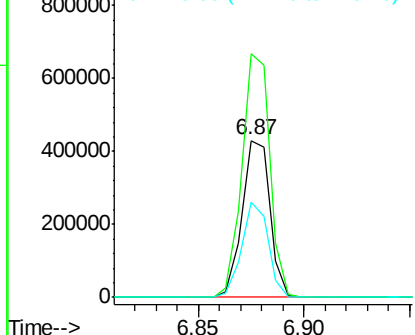
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF118648.D
Acq: 21 Jan 2020 22:41

Instrument :
BNA_F
ClientSampleId :
EP-2

Tot Ion:152 Resp: 391114
Ion Ratio Lower Upper
152 100
150 155.4 125.6 188.4
115 60.4 48.4 72.6



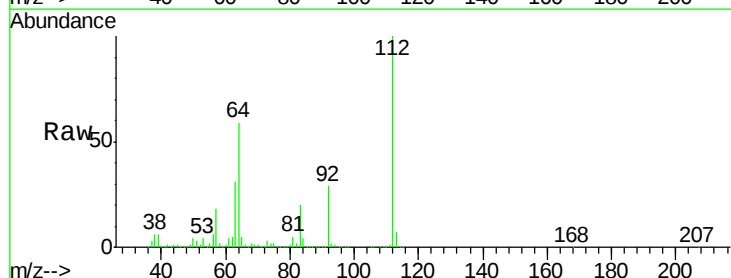
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



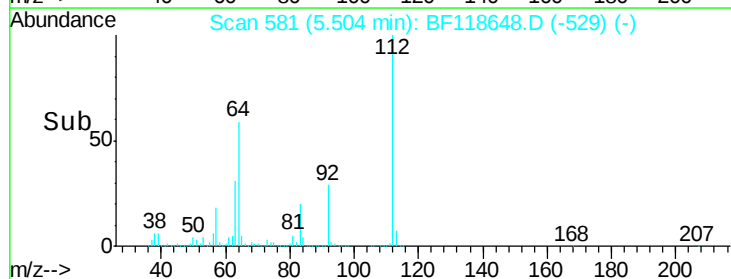
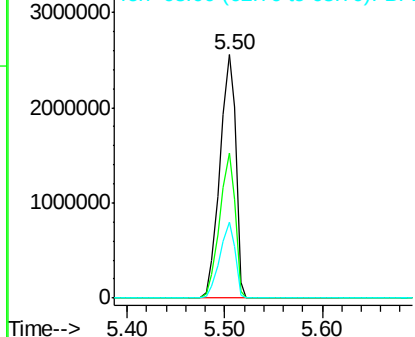
#5

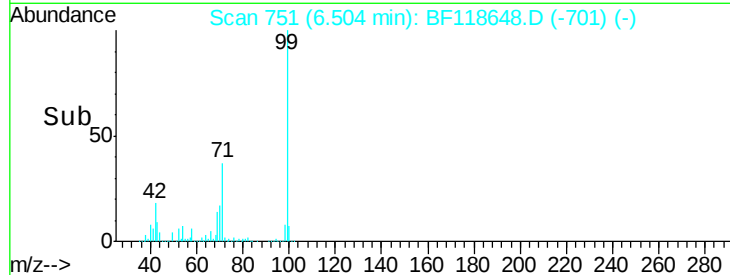
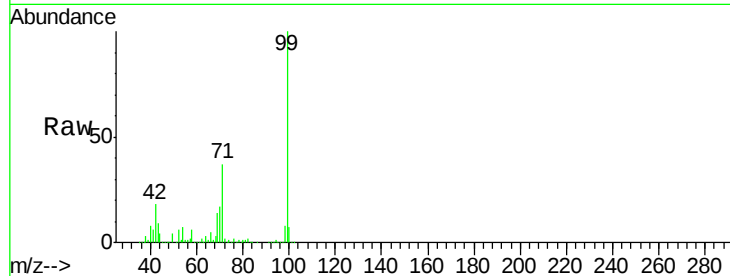
2-Fluorophenol
Concen: 137.695 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118648.D
Acq: 21 Jan 2020 22:41

Tgt Ion:112 Resp: 2899672
Ion Ratio Lower Upper
112 100
64 59.3 46.6 70.0
63 31.1 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: 134.041 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118648.D

Acq: 21 Jan 2020 22:41

Instrument :

BNA_F

ClientSampleId :

EP-2

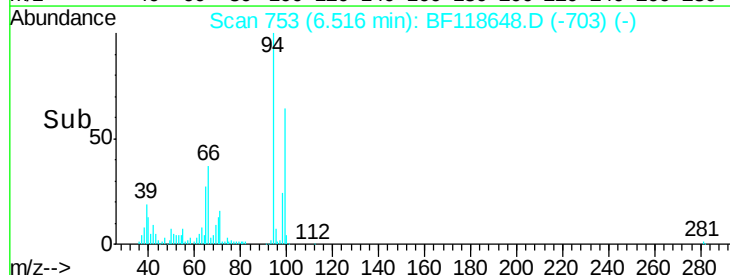
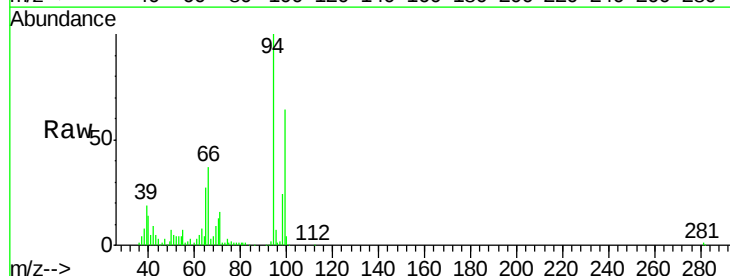
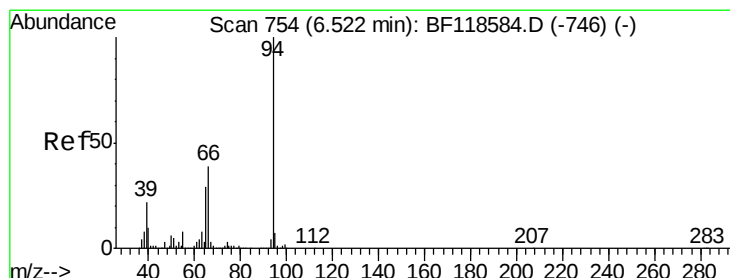
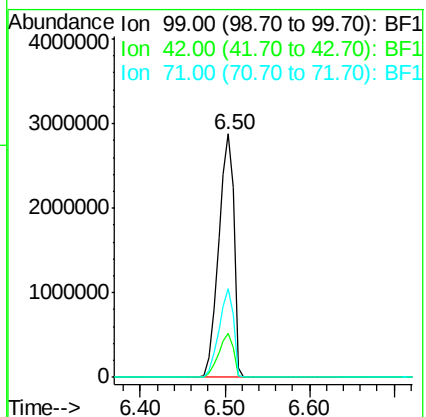
Tot Ion: 99 Resp: 3668834

Ion Ratio Lower Upper

99 100

42 18.2 14.2 21.2

71 36.5 27.8 41.6



#10

Phenol

Concen: 3.142 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118648.D

Acq: 21 Jan 2020 22:41

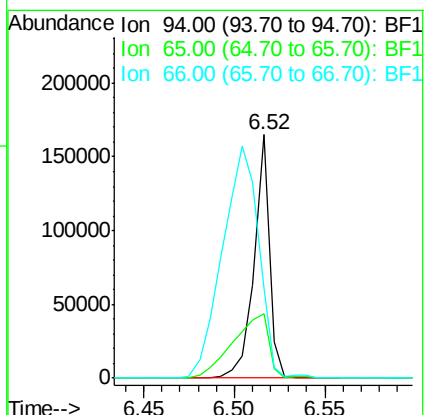
Tgt Ion: 94 Resp: 98001

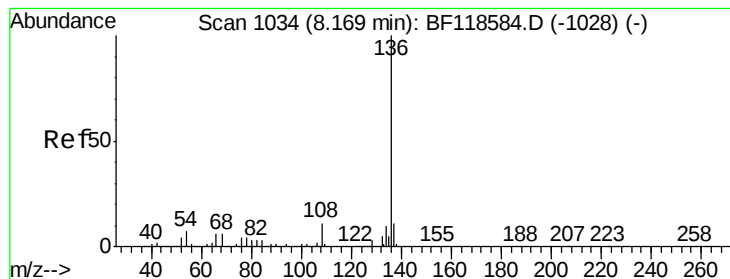
Ion Ratio Lower Upper

94 100

65 26.7 9.5 49.5

66 37.2 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: BF118648.D

Acq: 21 Jan 2020 22:41

Instrument :

BNA_F

ClientSampleId :

EP-2

Tot Ion:136 Resp: 1437917

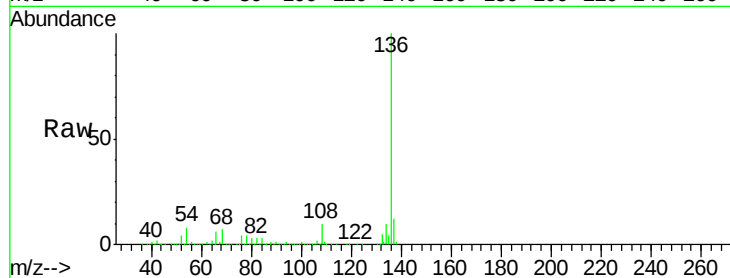
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 7.8 5.8 8.6

68 6.5 5.0 7.4

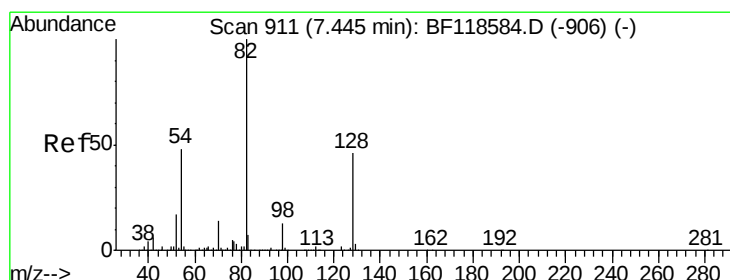
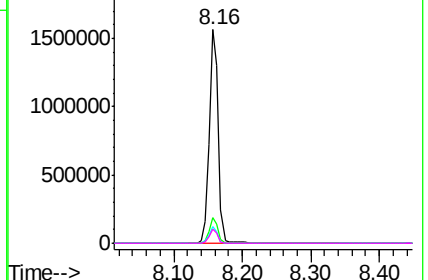
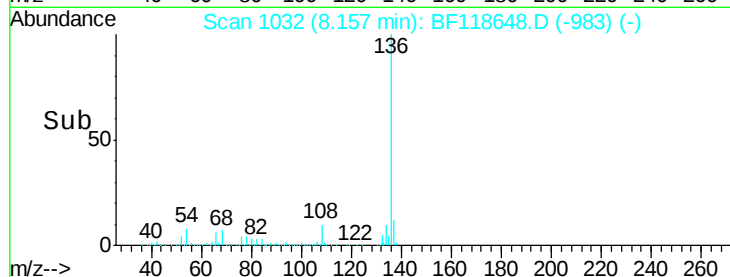


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.046 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118648.D

Acq: 21 Jan 2020 22:41

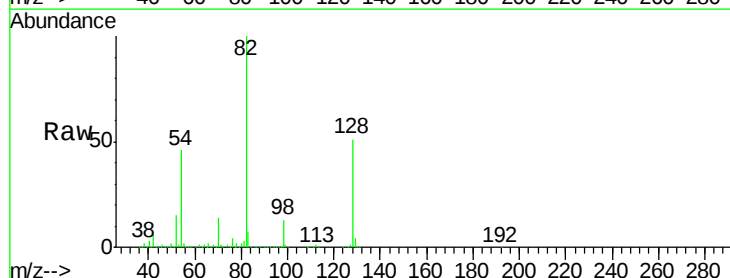
Tgt Ion: 82 Resp: 2366275

Ion Ratio Lower Upper

82 100

128 50.7 36.6 54.8

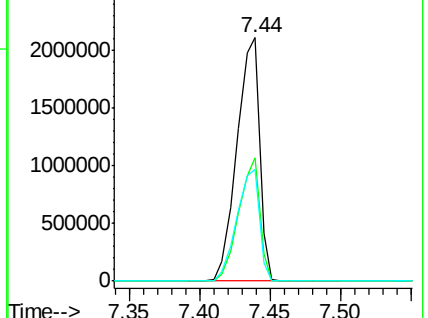
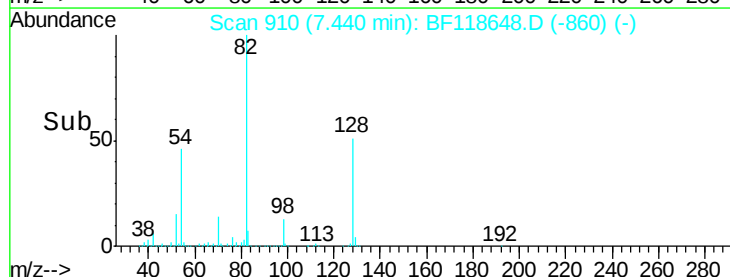
54 45.7 38.0 57.0

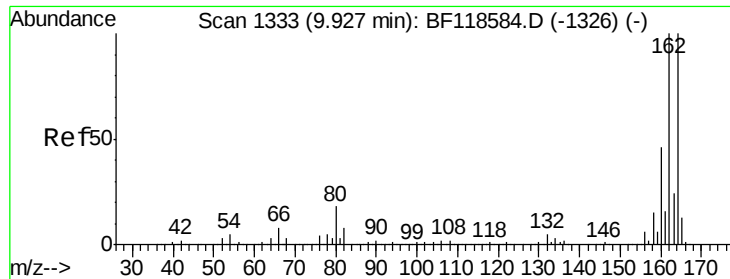


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF118648.D

Acq: 21 Jan 2020 22:41

Instrument :

BNA_F

ClientSampleId :

EP-2

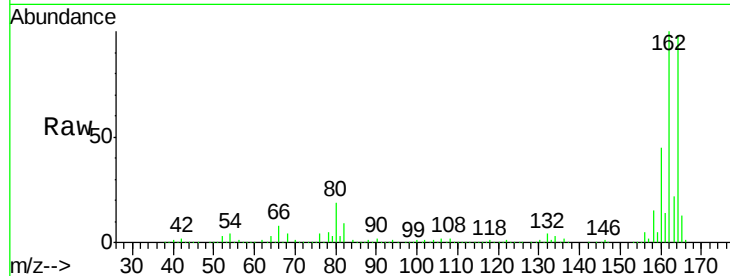
Tot Ion:164 Resp: 789092

Ion Ratio Lower Upper

164 100

162 102.4 80.4 120.6

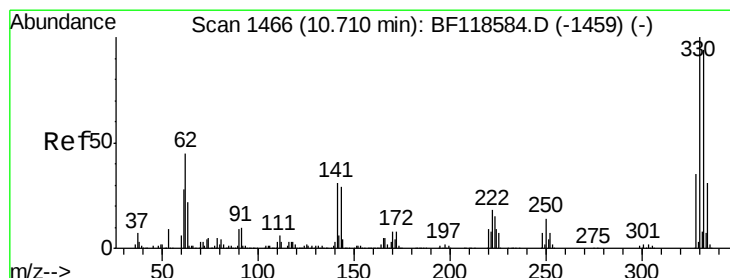
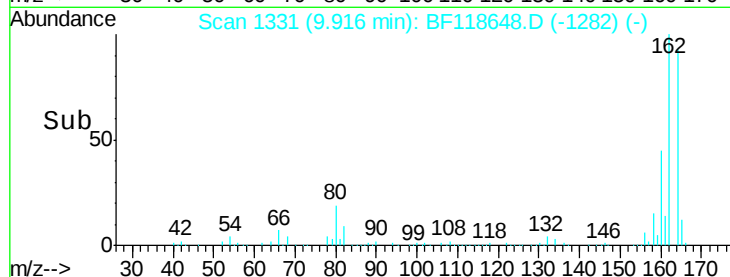
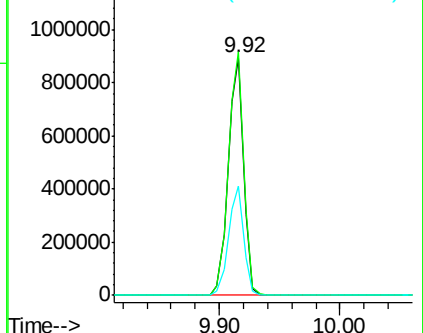
160 46.0 36.6 55.0



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: 131.861 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118648.D

Acq: 21 Jan 2020 22:41

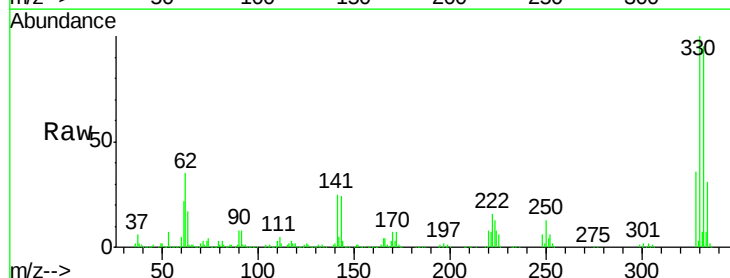
Tgt Ion:330 Resp: 1203480

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

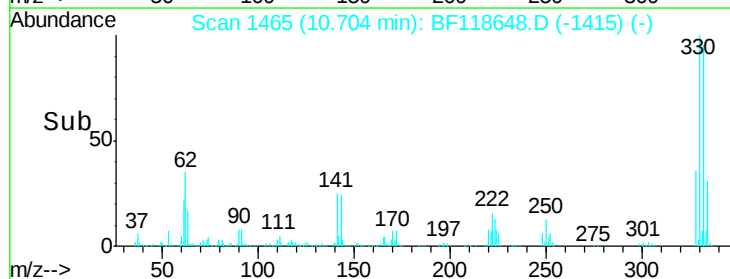
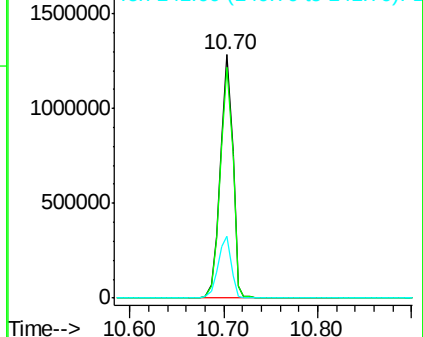
141 26.7 23.9 35.9

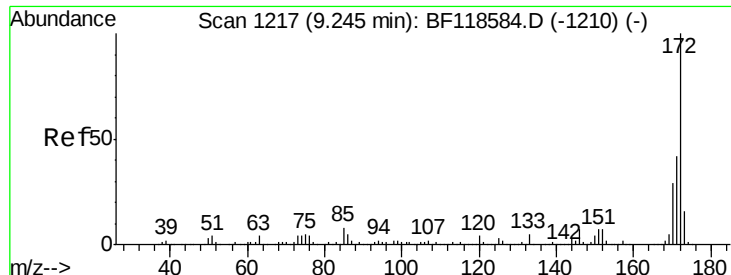


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



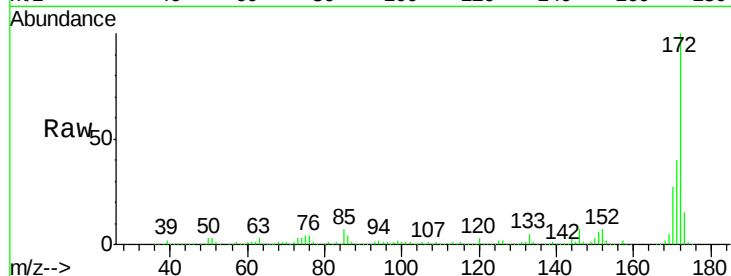


#45
 2-Fluorobiphenyl
 Concen: 83.638 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118648.D
 Acq: 21 Jan 2020 22:41

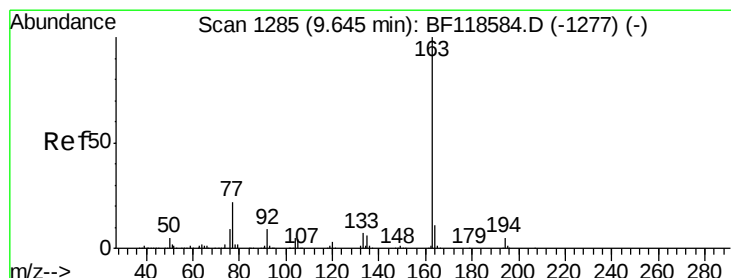
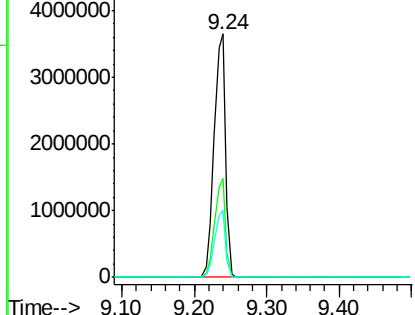
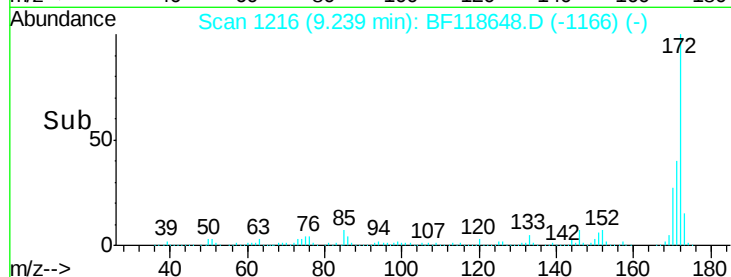
Instrument :
 BNA_F
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 EP-2

Tot Ion:172 Resp: 4015425

Ion	Ratio	Lower	Upper
172	100		
171	40.4	33.4	50.2
170	27.4	23.2	34.8



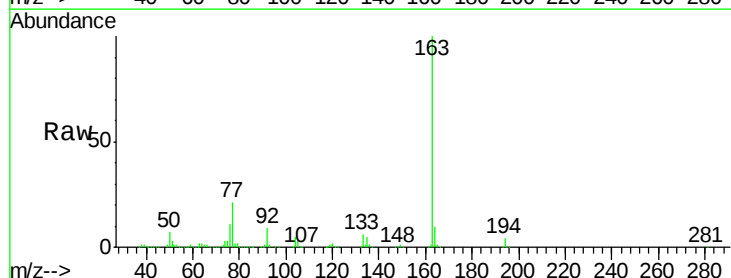
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



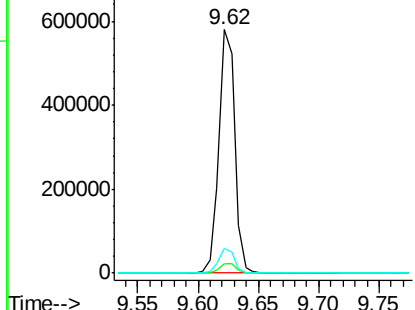
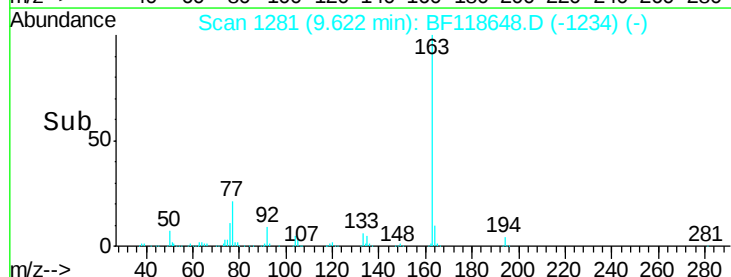
#50
 Dimethylphthalate
 Concen: 10.161 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BF118648.D
 Acq: 21 Jan 2020 22:41

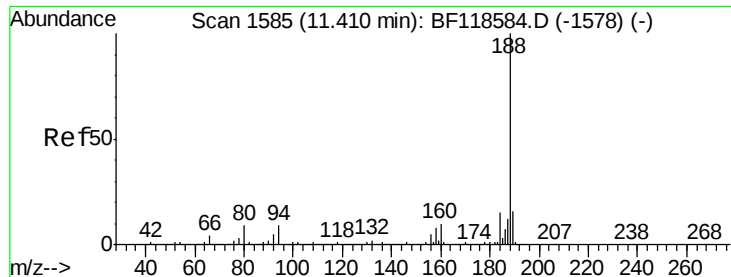
Tgt Ion:163 Resp: 522403

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.9	5.9
164	10.2	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

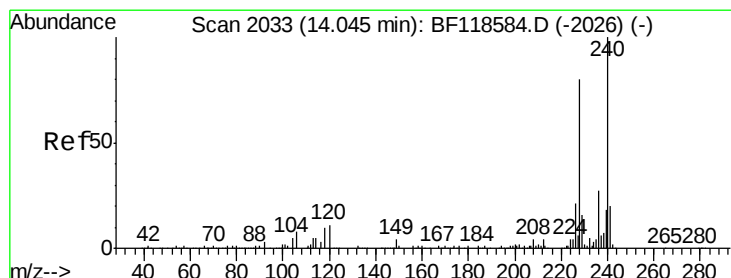
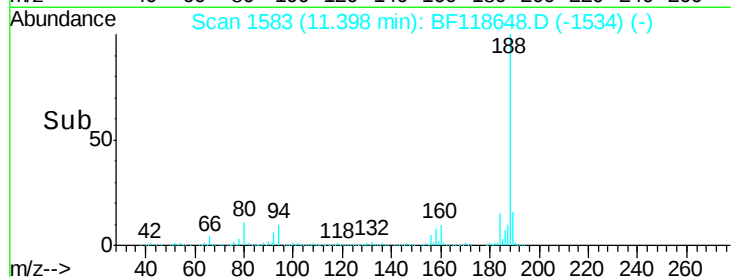
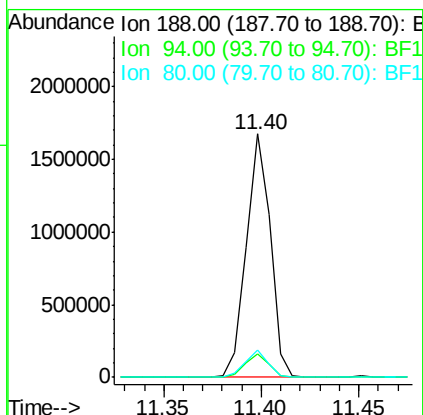
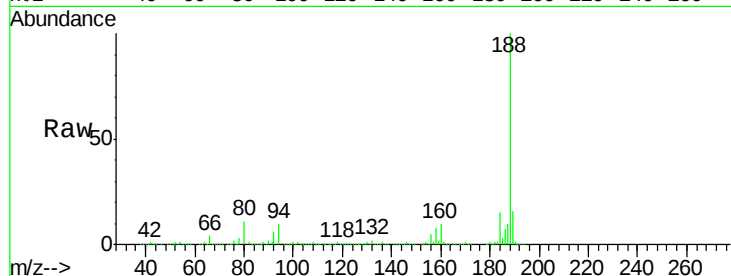




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118648.D
Acq: 21 Jan 2020 22:41

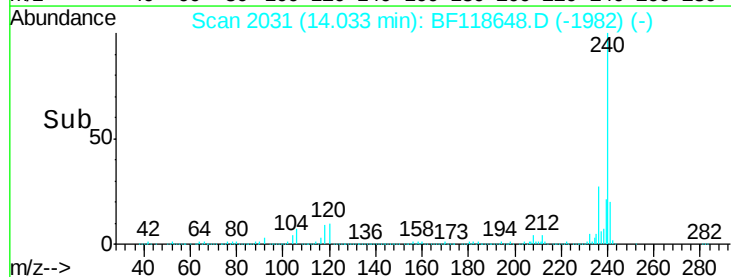
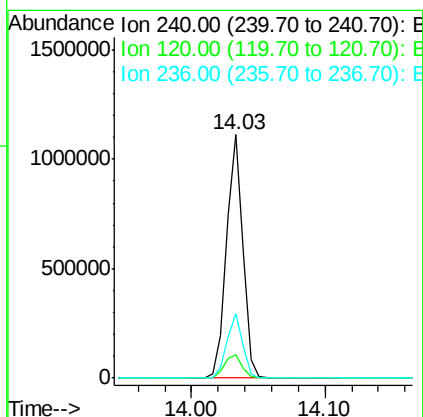
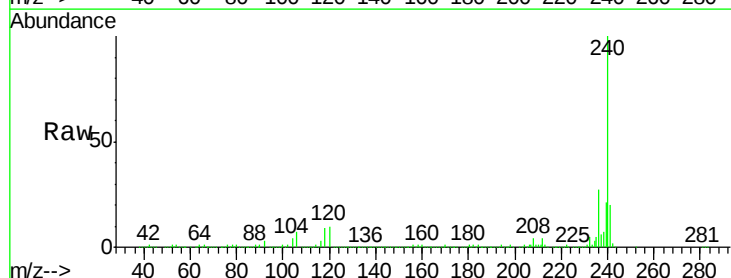
Instrument :
BNA_F
ClientSampleId :
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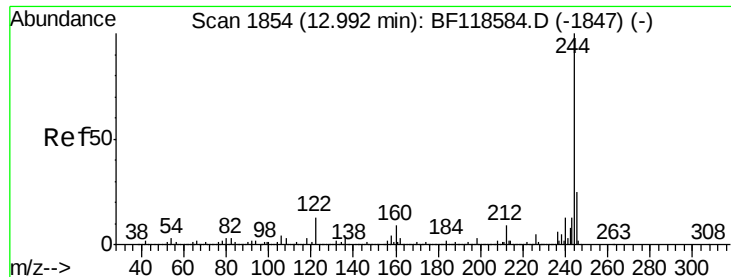
Tot Ion:188 Resp: 1434980
Ion Ratio Lower Upper
188 100
94 9.7 7.1 10.7
80 11.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118648.D
Acq: 21 Jan 2020 22:41

Tgt Ion:240 Resp: 966824
Ion Ratio Lower Upper
240 100
120 9.6 8.9 13.3
236 26.7 21.5 32.3





#79

Terphenyl-d14

Concen: 105.992 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118648.D

Acq: 21 Jan 2020 22:41

Instrument :

BNA_F

ClientSampled :

EP-2

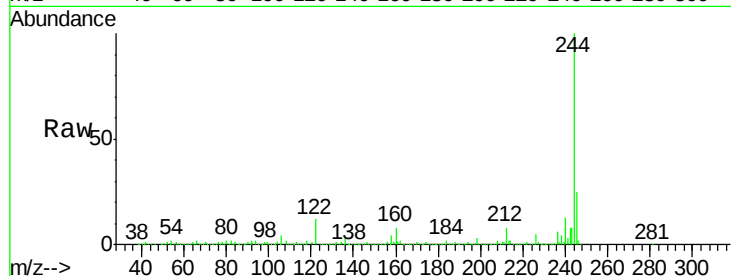
Tot Ion:244 Resp: 4698355

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

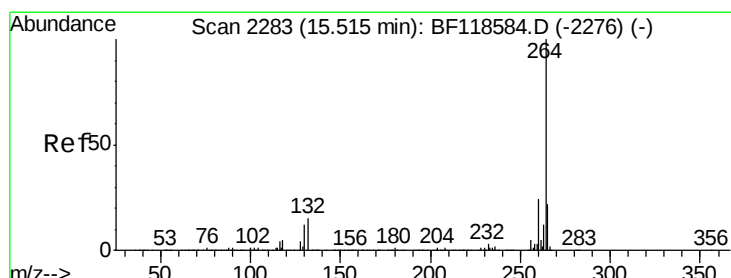
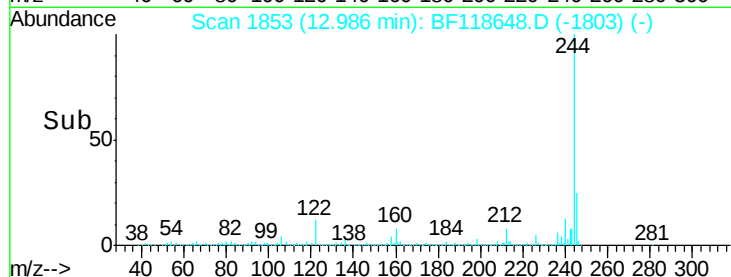
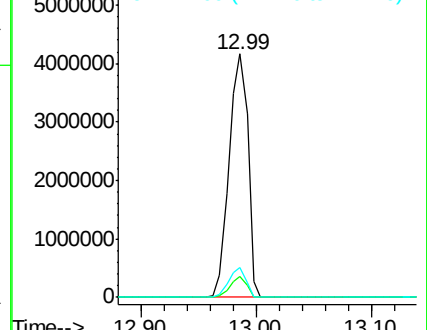
122 12.3 10.7 16.1



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: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF118648.D

Acq: 21 Jan 2020 22:41

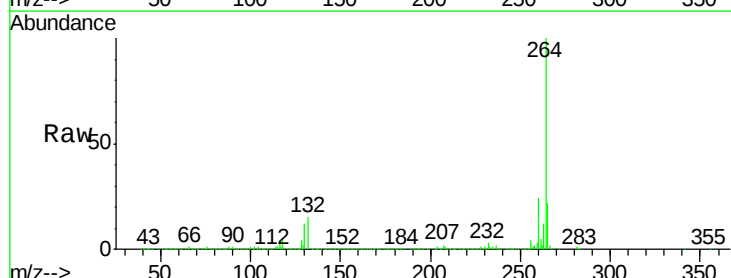
Tgt Ion:264 Resp: 928066

Ion Ratio Lower Upper

264 100

260 24.0 19.6 29.4

265 21.7 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

