

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118737.D
 Acq On : 29 Jan 2020 17:54
 Operator : CG/JU
 Sample : L1013-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-05-012820

Quant Time: Jan 30 01:01:43 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 27 14:24:10 2020
 Response via : Initial Calibration

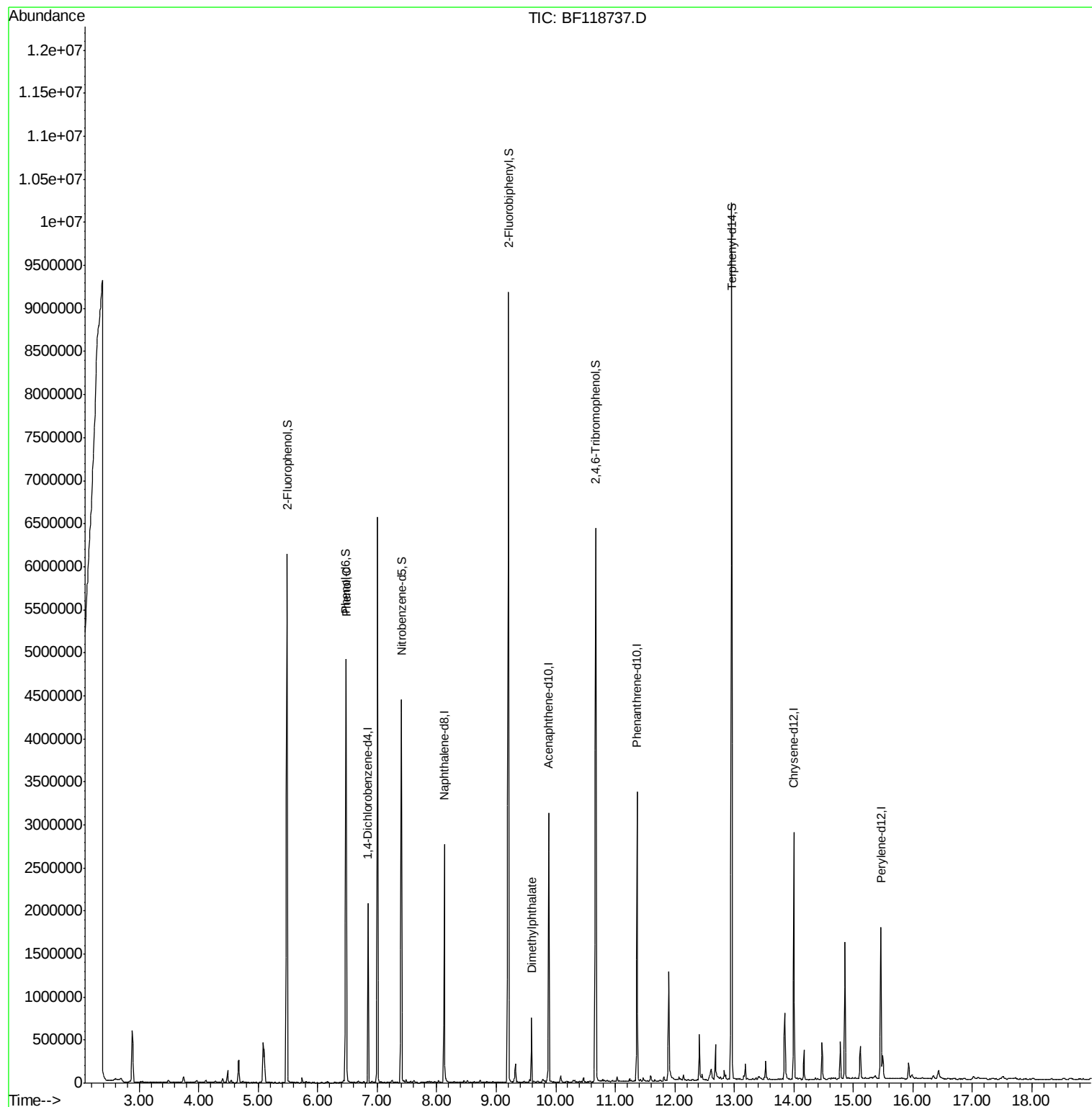
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	333982	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1268086	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	714847	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1337376	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	1002609	20.00	ng	-0.02
87) Perylene-d12	15.46	264	904070	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1932608	107.47	ng	0.00
7) Phenol-d6	6.47	99	2115010	90.49	ng	-0.02
23) Nitrobenzene-d5	7.41	82	1777299	78.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	1063358	128.61	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3407136	78.34	ng	-0.02
79) Terphenyl-d14	12.96	244	4259073	92.65	ng	0.00
Target Compounds						
10) Phenol	6.49	94	63558	2.386	ng	94
50) Dimethylphthalate	9.59	163	297278	6.383	ng	100

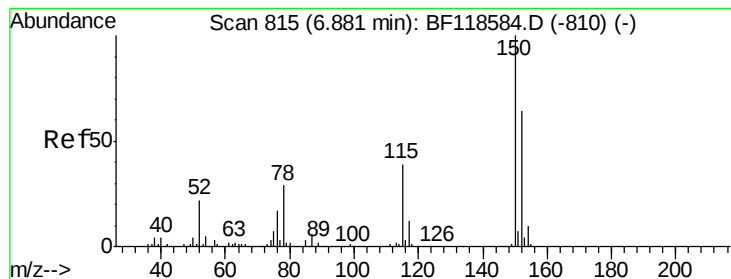
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

Instrument :

BNA_F

ClientSampleId :

PL-05-012820

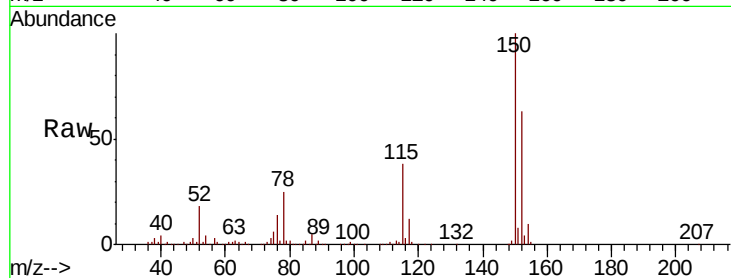
Tot Ion:152 Resp: 333982

Ion Ratio Lower Upper

152 100

150 158.9 123.7 185.5

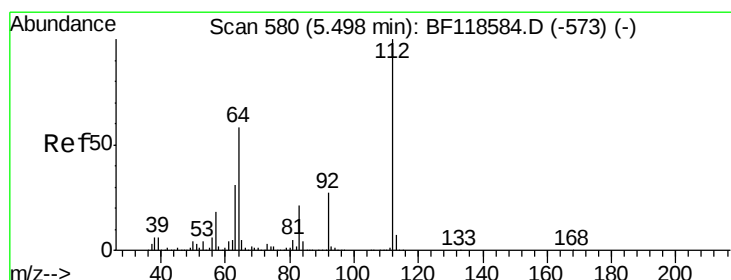
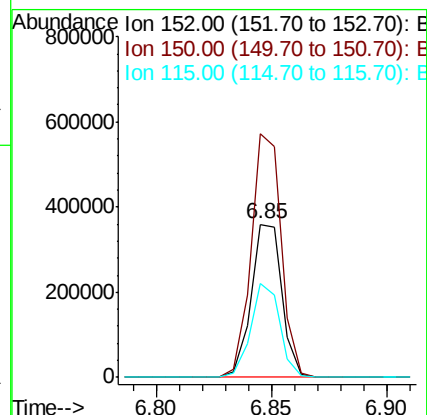
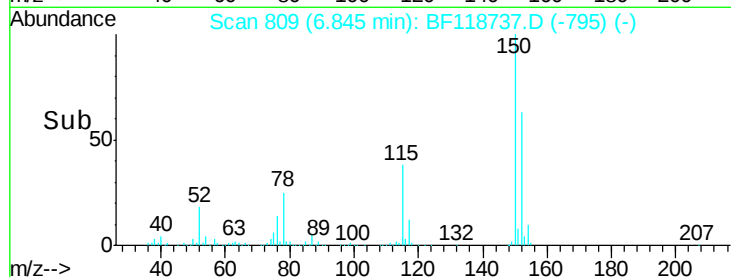
115 61.1 45.1 67.7



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: 107.471 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

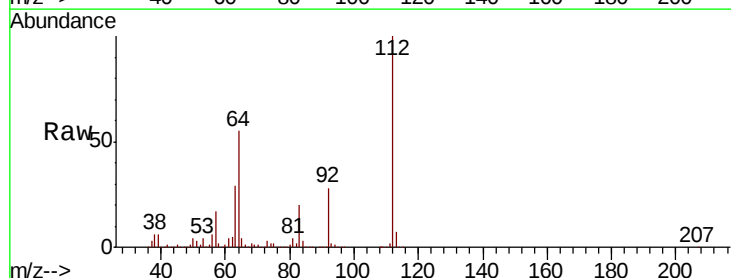
Tgt Ion:112 Resp: 1932608

Ion Ratio Lower Upper

112 100

64 55.2 42.4 63.6

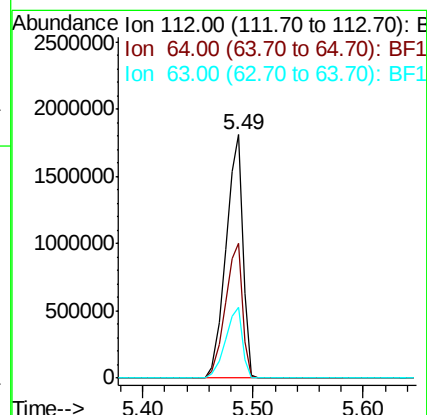
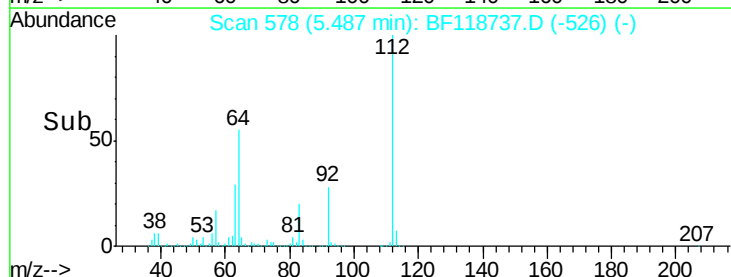
63 29.1 21.7 32.5



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: 90.490 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

Instrument :

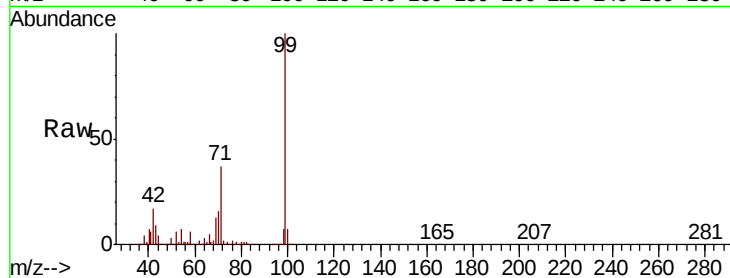
BNA_F

ClientSampleId :

PL-05-012820

Tot Ion: 99 Resp: 2115010

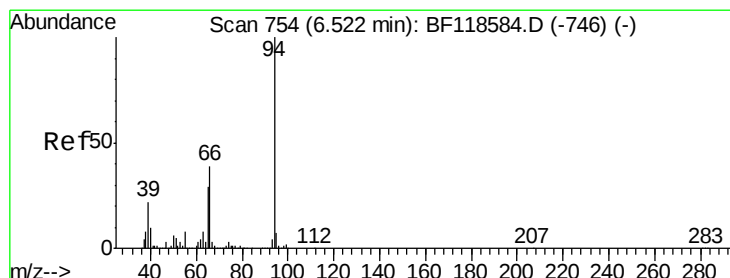
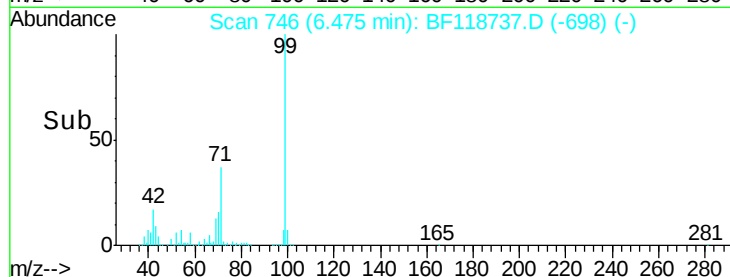
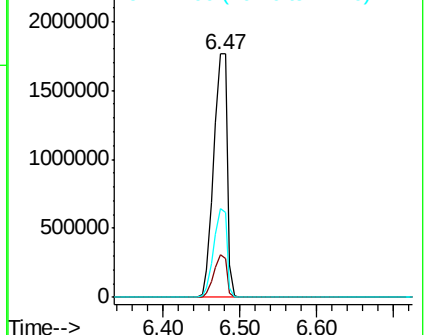
Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.1	19.7
71	36.7	28.4	42.6



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: 2.386 ng

RT: 6.49 min Scan# 748

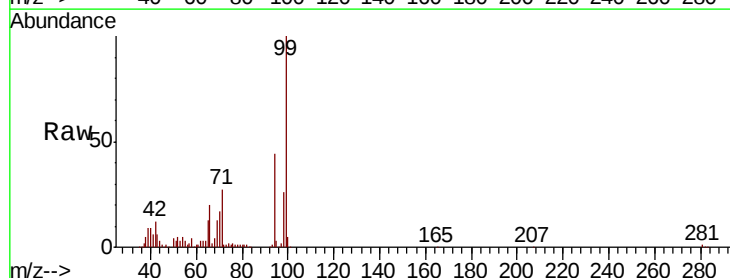
Delta R.T. -0.02 min

Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

Tgt Ion: 94 Resp: 63558

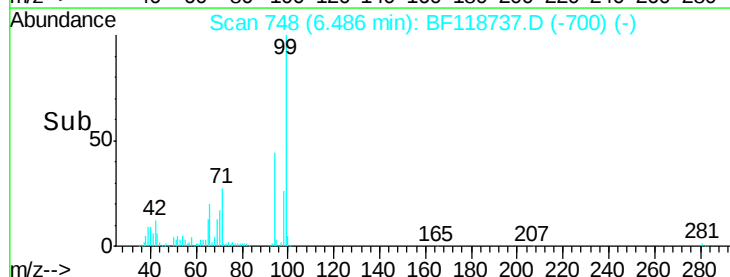
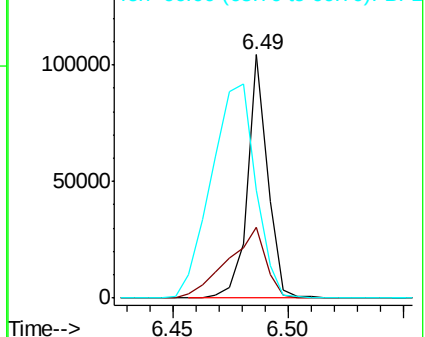
Ion	Ratio	Lower	Upper
94	100		
65	29.2	7.9	47.9
66	44.5	19.1	59.1

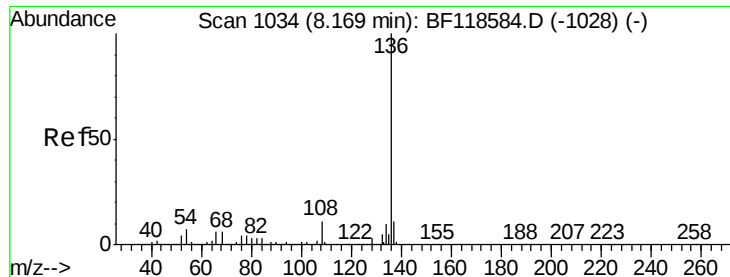


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

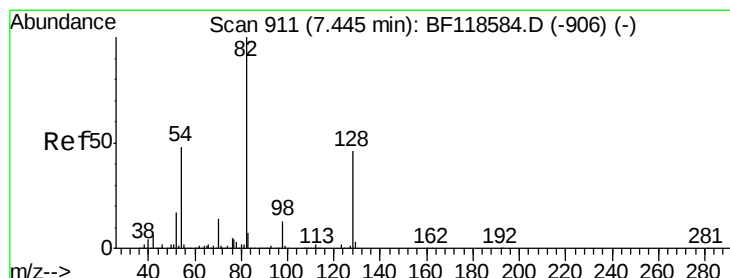
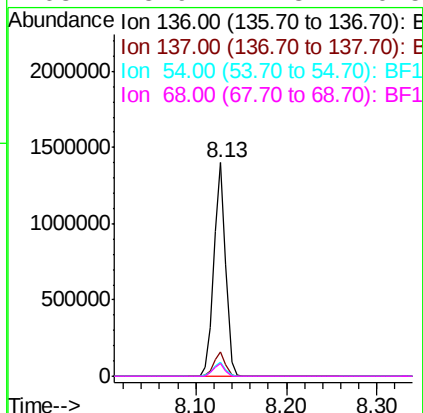
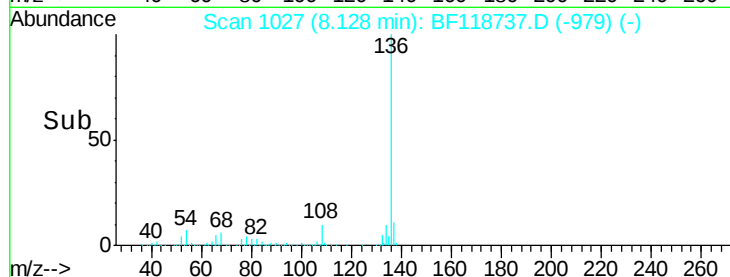
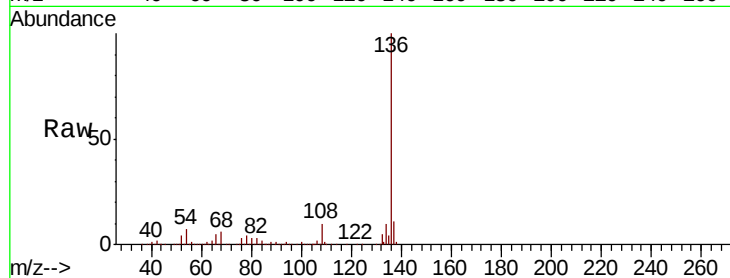




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118737.D
Acq: 29 Jan 2020 17:54

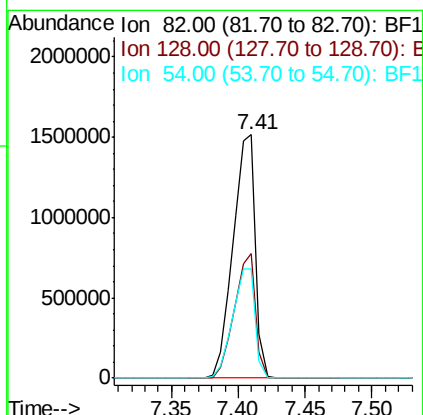
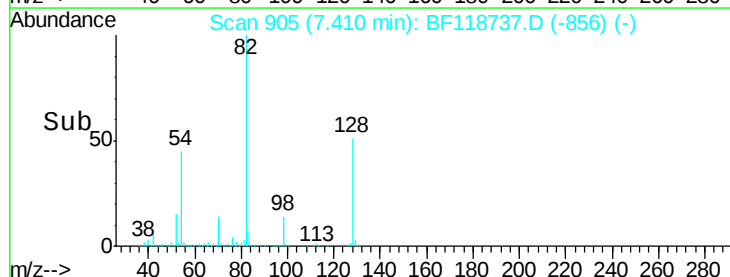
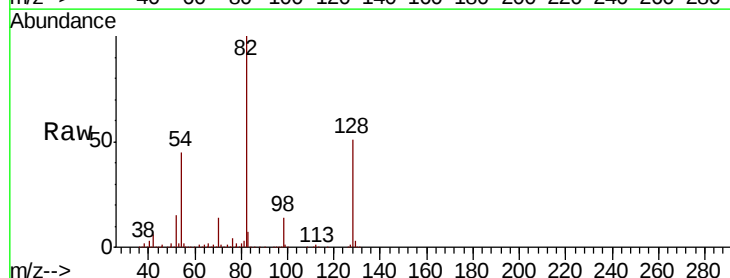
Instrument :
BNA_F
ClientSampleId :
PL-05-012820

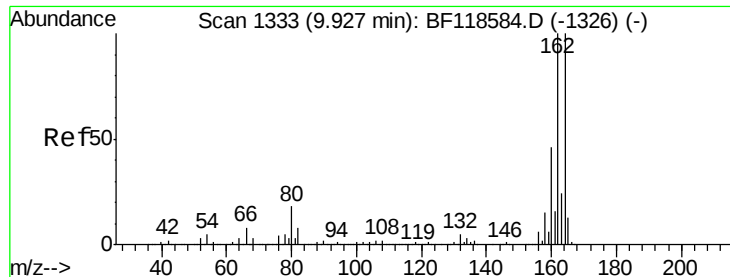
Tot Ion:136	Resp: 1268086
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 6.6	5.1 7.7
68 5.9	4.3 6.5



#23
Nitrobenzene-d5
Concen: 78.395 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118737.D
Acq: 29 Jan 2020 17:54

Tgt	Ion: 82	Resp: 1777299	
Ion	Ratio	Lower	Upper
82	100		
128	51.1	38.2	57.2
54	44.8	36.1	54.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

Instrument :

BNA_F

ClientSampleId :

PL-05-012820

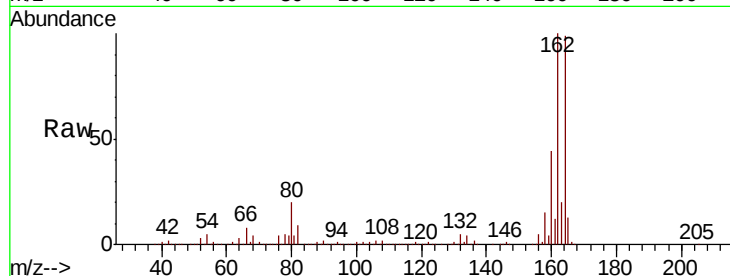
Tot Ion:164 Resp: 714847

Ion Ratio Lower Upper

164 100

162 101.0 80.8 121.2

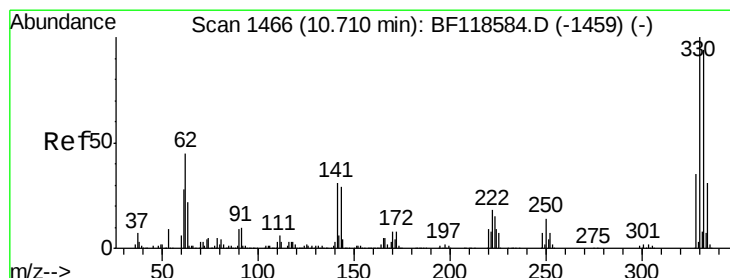
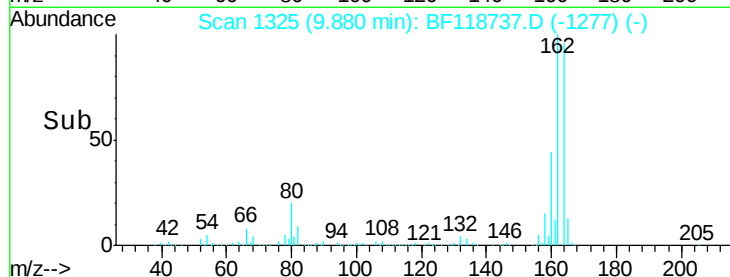
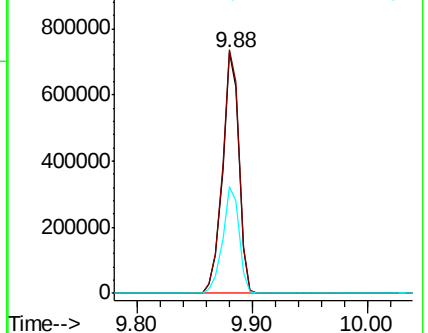
160 44.4 35.4 53.0



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: 128.609 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

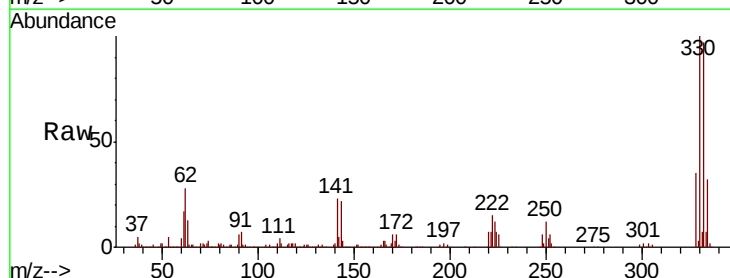
Tgt Ion:330 Resp: 1063358

Ion Ratio Lower Upper

330 100

332 95.6 77.6 116.4

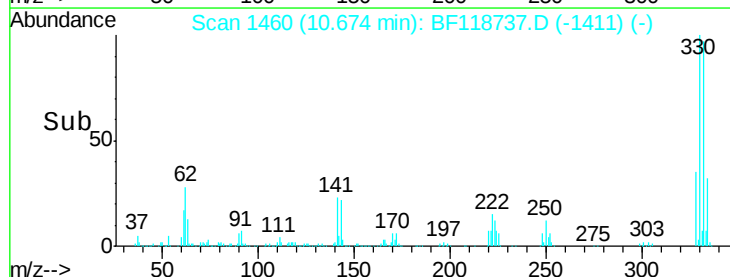
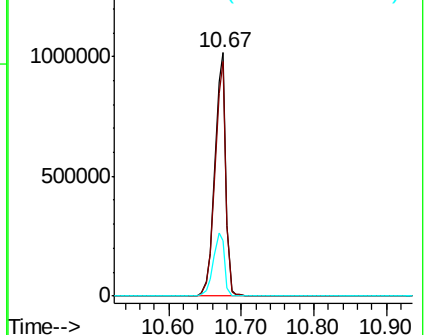
141 27.1 22.2 33.2

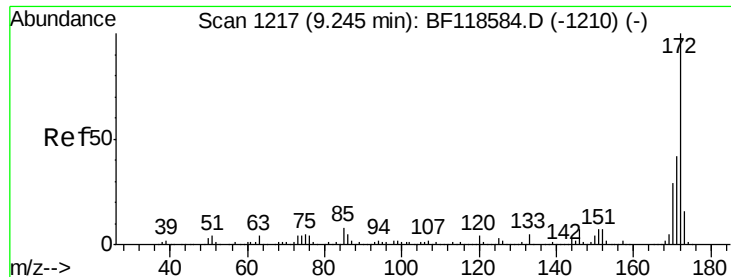


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

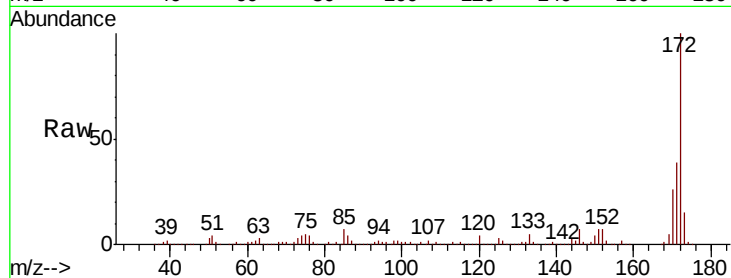




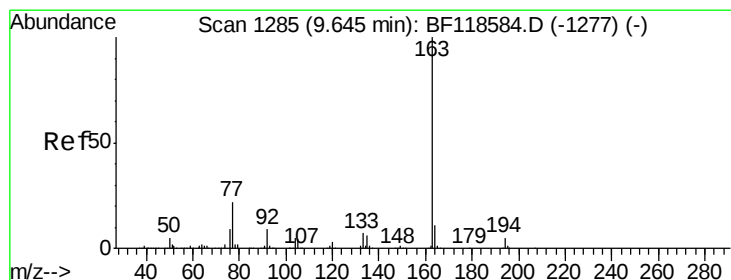
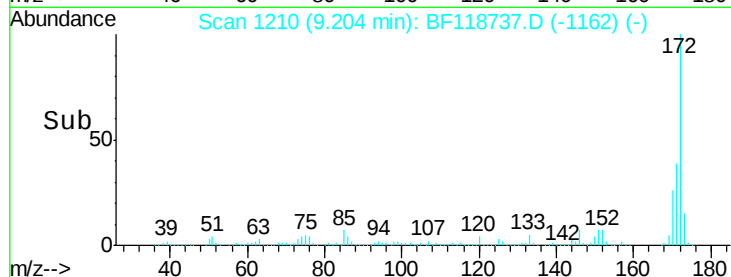
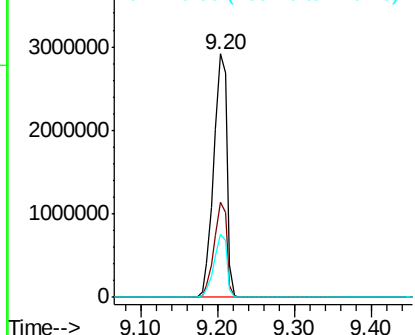
#45
2-Fluorobiphenyl
Concen: 78.339 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118737.D
Acq: 29 Jan 2020 17:54

Instrument :
BNA_F
ClientSampleId :
PL-05-012820

Tot Ion:172 Resp: 3407136
Ion Ratio Lower Upper
172 100
171 38.8 31.0 46.4
170 25.9 20.7 31.1

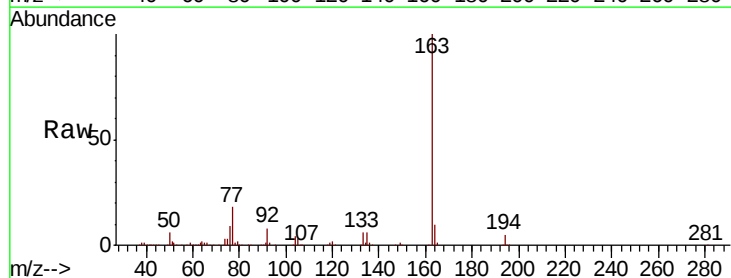


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

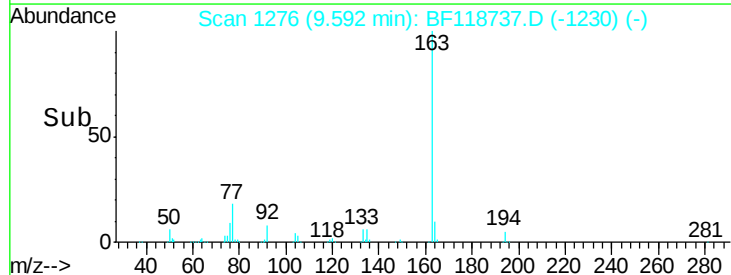
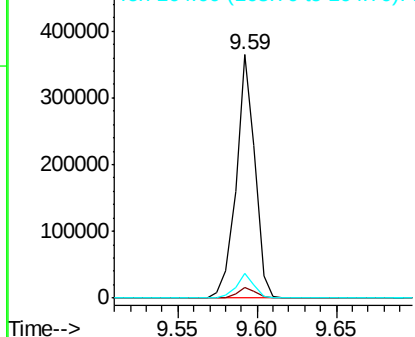


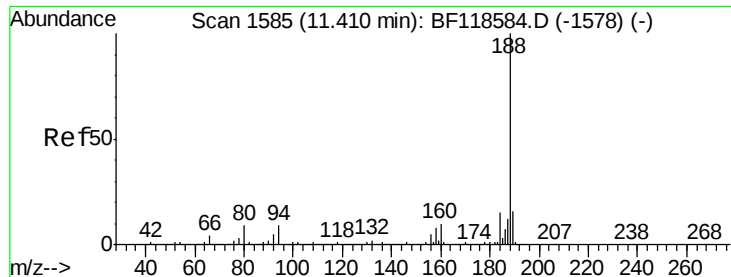
#50
Dimethylphthalate
Concen: 6.383 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF118737.D
Acq: 29 Jan 2020 17:54

Tgt Ion:163 Resp: 297278
Ion Ratio Lower Upper
163 100
194 4.6 3.7 5.5
164 10.1 8.2 12.2



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

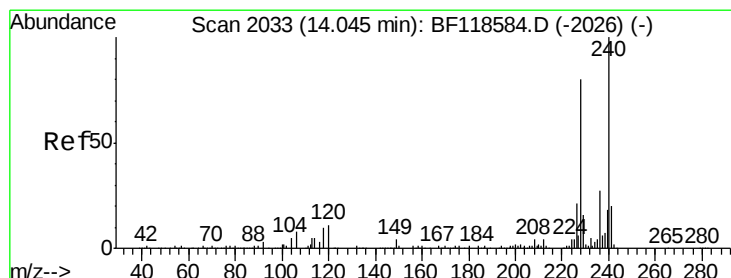
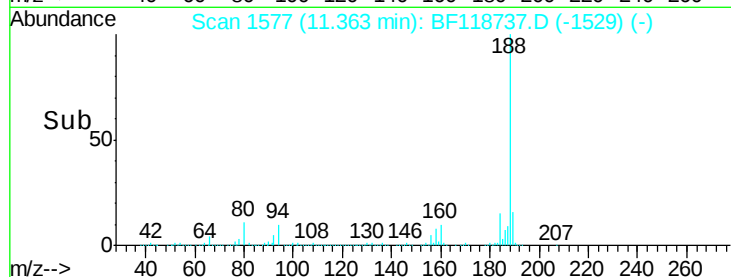
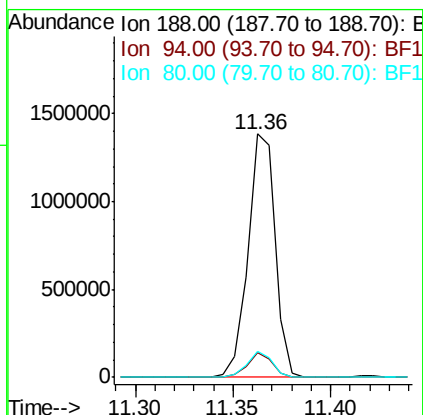
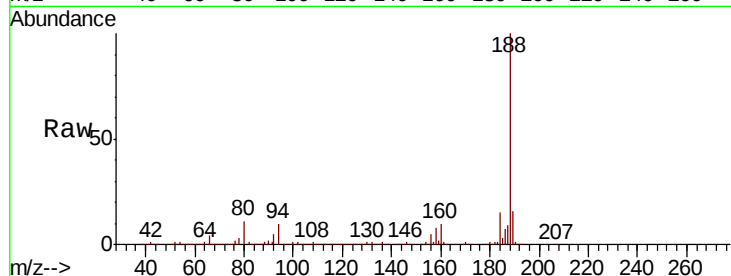




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118737.D
Acq: 29 Jan 2020 17:54

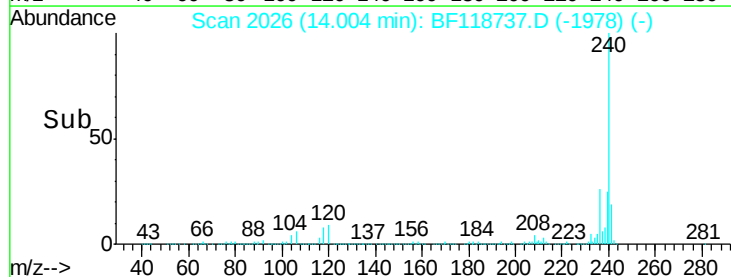
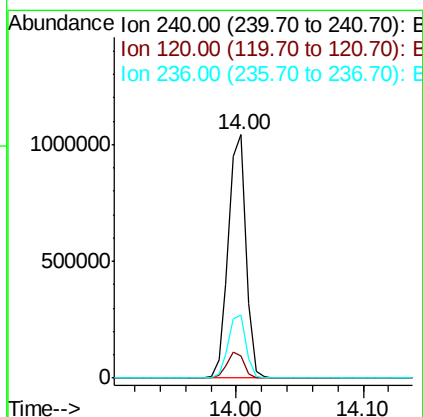
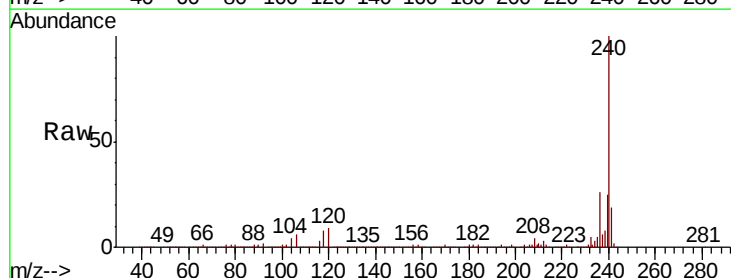
Instrument :
BNA_F
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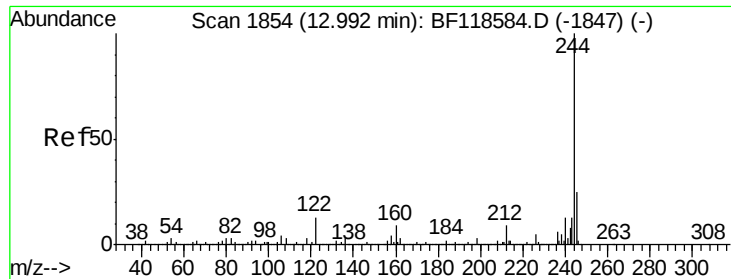
Tot Ion:188 Resp: 1337376
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 10.6 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF118737.D
Acq: 29 Jan 2020 17:54

Tgt Ion:240 Resp: 1002609
Ion Ratio Lower Upper
240 100
120 9.3 7.6 11.4
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 92.653 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

Instrument :

BNA_F

ClientSampleId :

PL-05-012820

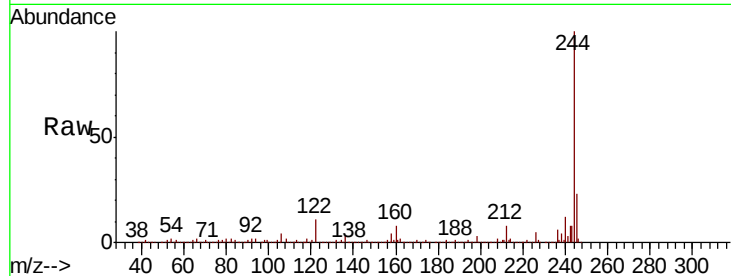
Tot Ion:244 Resp: 4259073

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

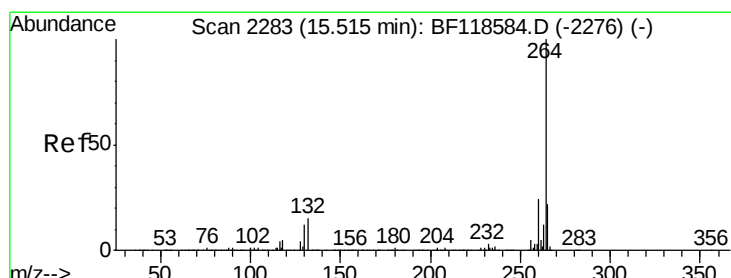
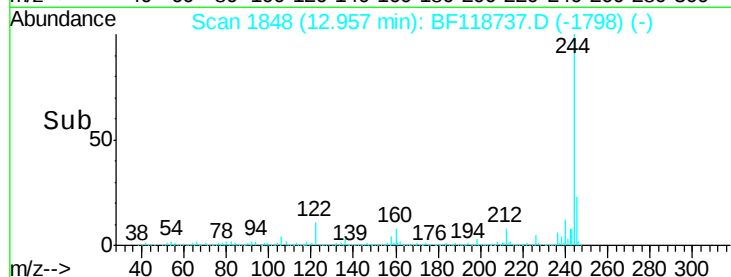
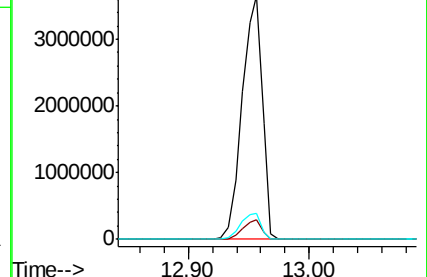
122 10.7 9.2 13.8



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: 15.46 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BF118737.D

Acq: 29 Jan 2020 17:54

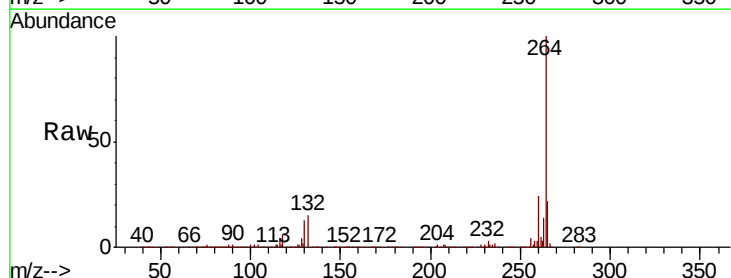
Tgt Ion:264 Resp: 904070

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 21.7 17.0 25.6



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

