

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118717.D
 Acq On : 27 Jan 2020 13:42
 Operator : CG/JU
 Sample : L1241-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-9

Quant Time: Jan 27 14:39:54 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

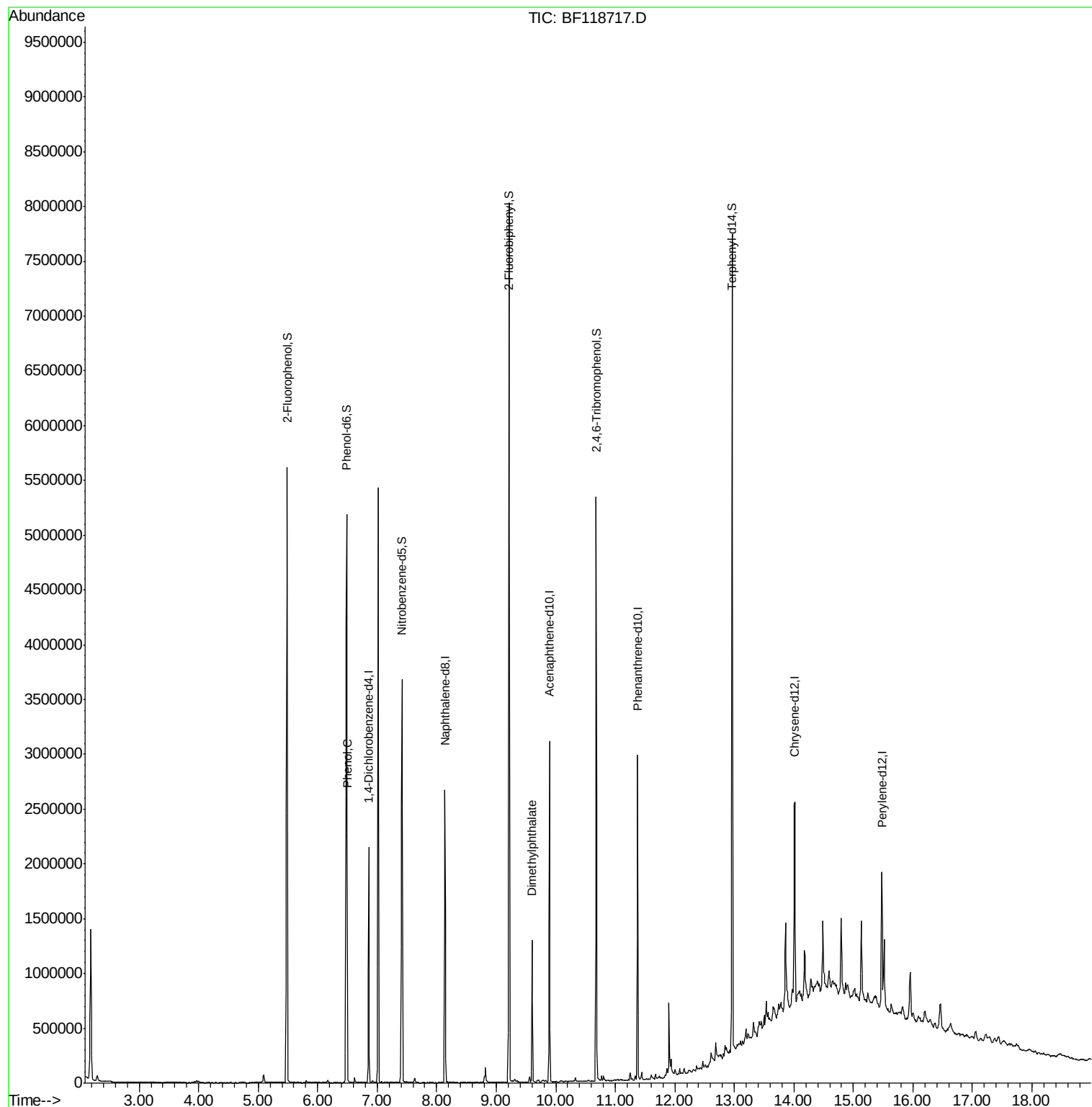
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	316335	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1179038	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	636932	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1130396	20.00	ng	0.00
76) Chrysene-d12	14.02	240	678257	20.00	ng	0.00
87) Perylene-d12	15.48	264	655802	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1651060	96.94	ng	0.00
7) Phenol-d6	6.49	99	2031311	91.76	ng	0.00
23) Nitrobenzene-d5	7.42	82	1295945	61.48	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	705903	95.82	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2569252	66.30	ng	0.00
79) Terphenyl-d14	12.96	244	2764841	88.91	ng	0.00
Target Compounds						
10) Phenol	6.50	94	62572	2.480	ng	93
50) Dimethylphthalate	9.60	163	473957	11.421	ng	99

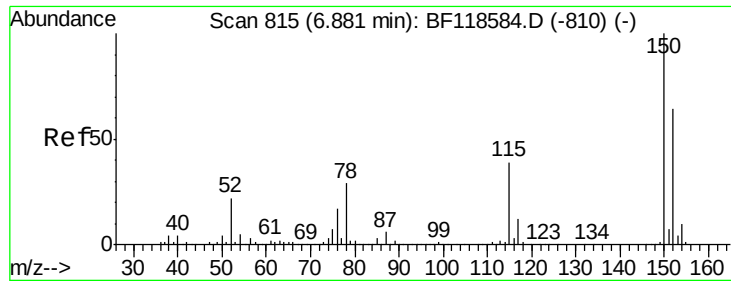
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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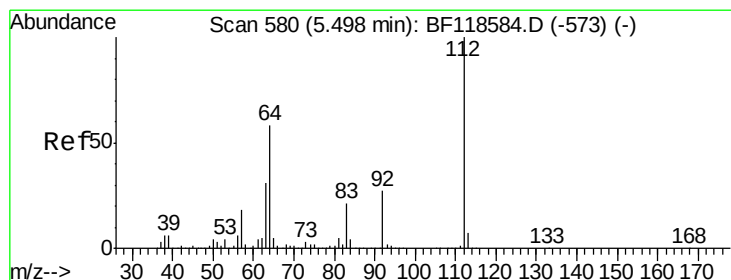
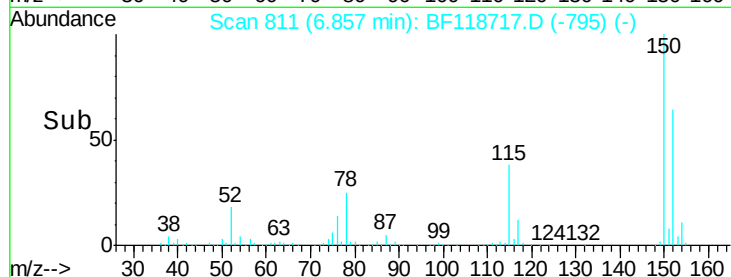
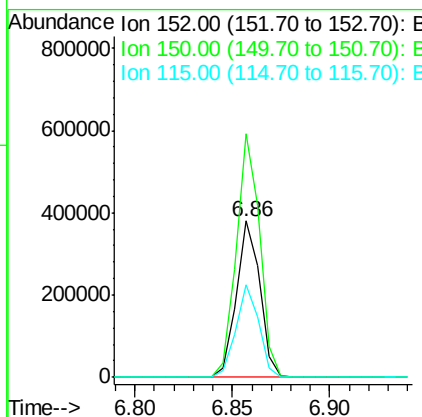
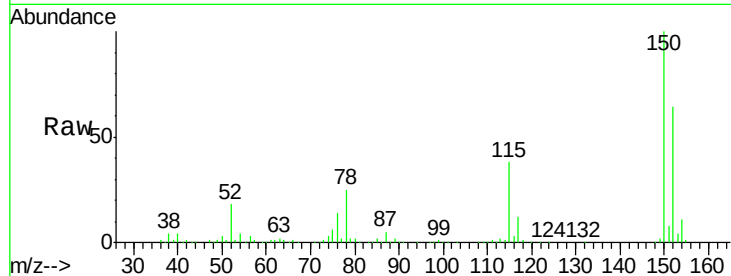


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

Instrument :
BNA_F
ClientSampleId :
EP-9

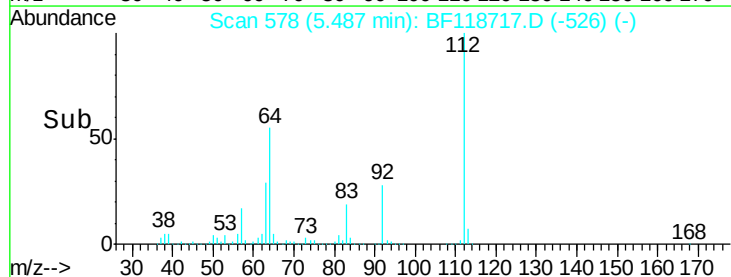
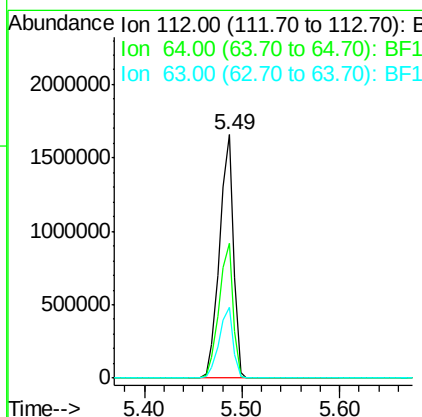
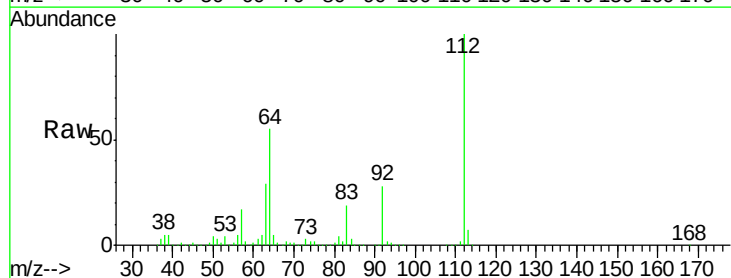
Tot Ion:152 Resp: 316335
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 59.6 45.1 67.7

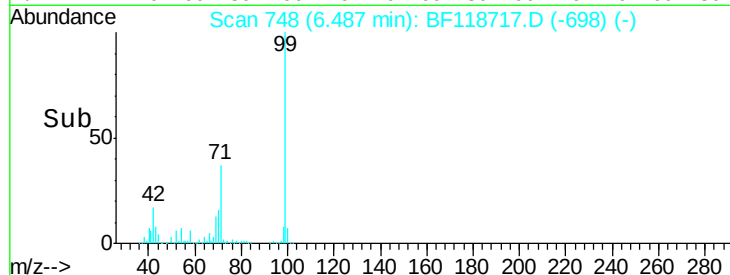
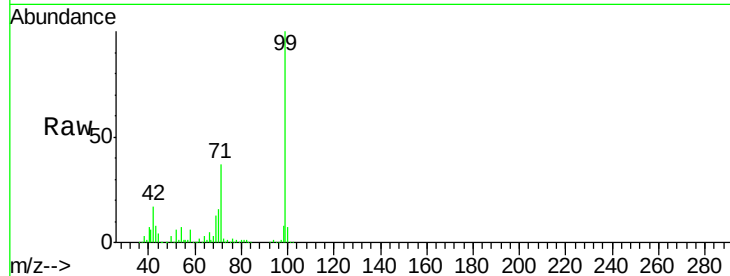
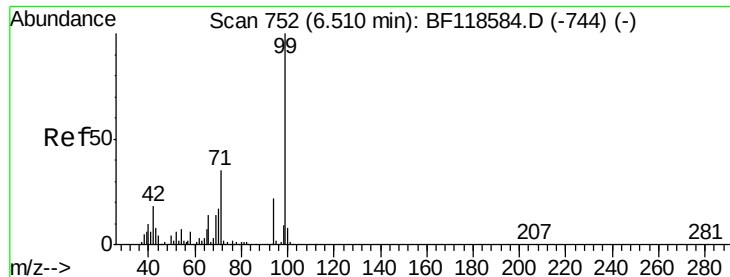


#5

2-Fluorophenol
Concen: 96.936 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

Tgt Ion:112 Resp: 1651060
Ion Ratio Lower Upper
112 100
64 55.2 42.4 63.6
63 29.3 21.7 32.5





#7

Phenol-d6

Concen: 91.758 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118717.D

Acq: 27 Jan 2020 13:42

Instrument :

BNA_F

ClientSampled :

EP-9

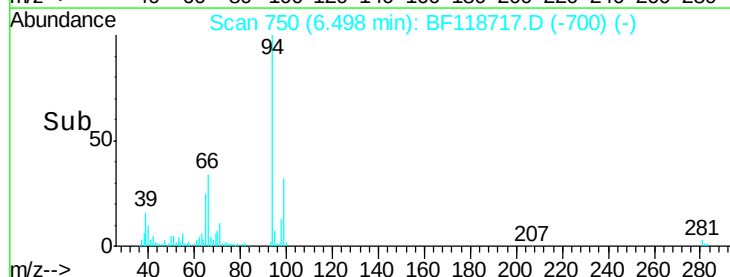
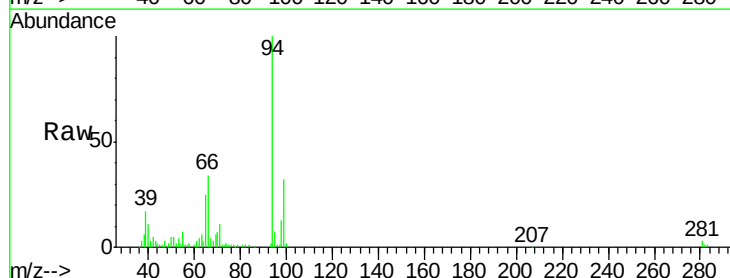
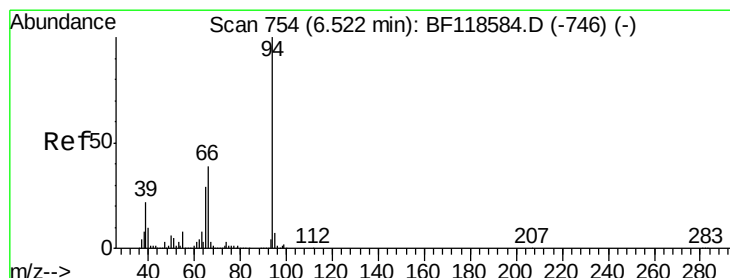
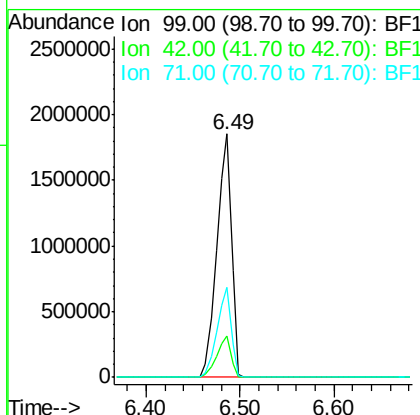
Tot Ion: 99 Resp: 2031311

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 36.9 28.4 42.6



#10

Phenol

Concen: 2.480 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118717.D

Acq: 27 Jan 2020 13:42

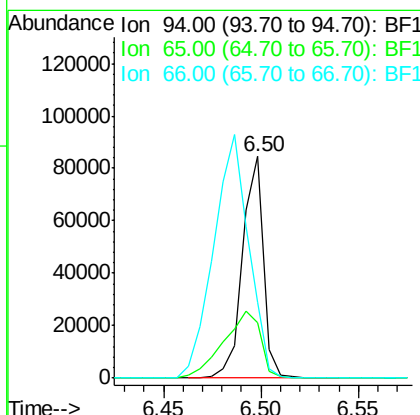
Tgt Ion: 94 Resp: 62572

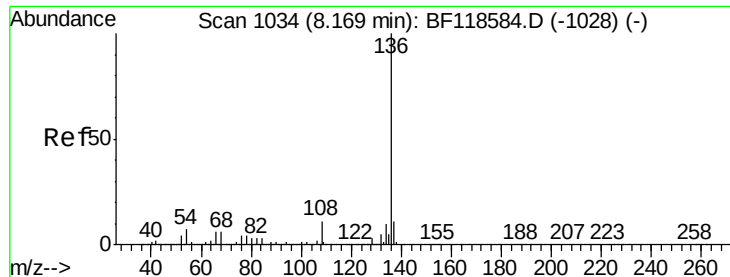
Ion Ratio Lower Upper

94 100

65 24.9 7.9 47.9

66 34.3 19.1 59.1

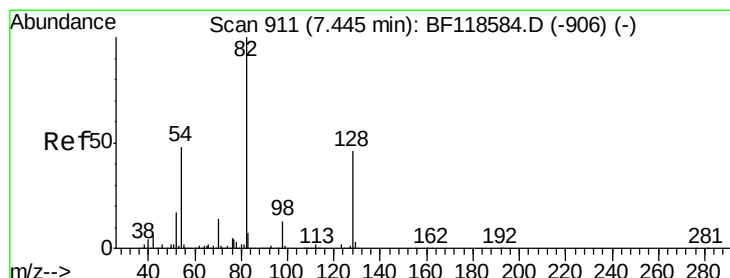
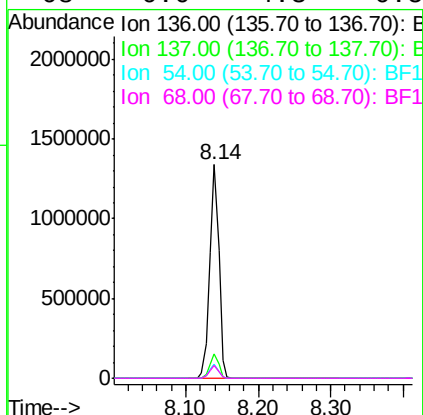
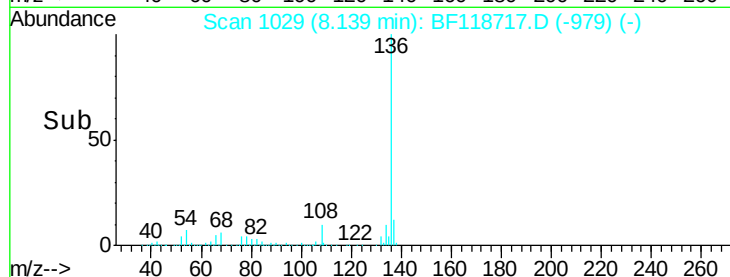
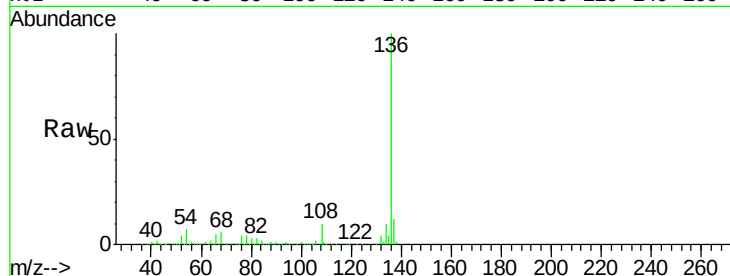




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

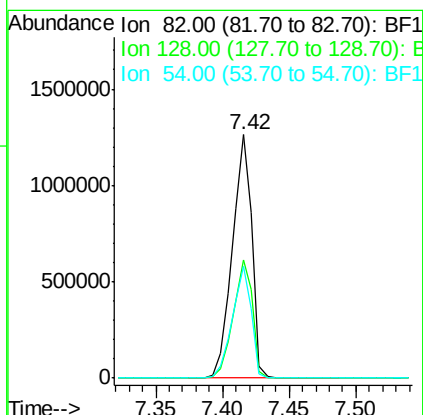
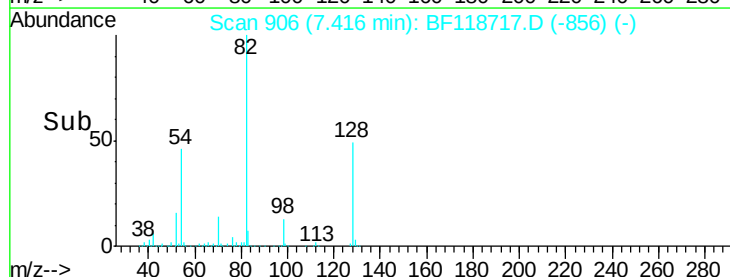
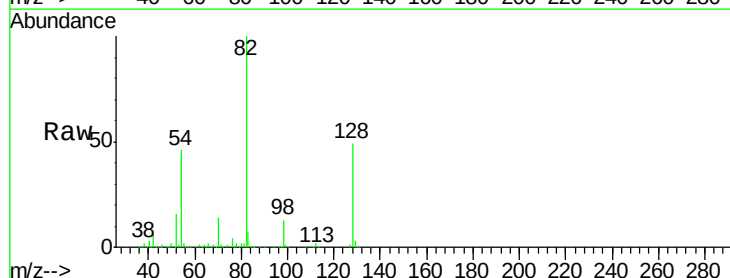
Instrument :
BNA_F
ClientSampleId :
EP-9

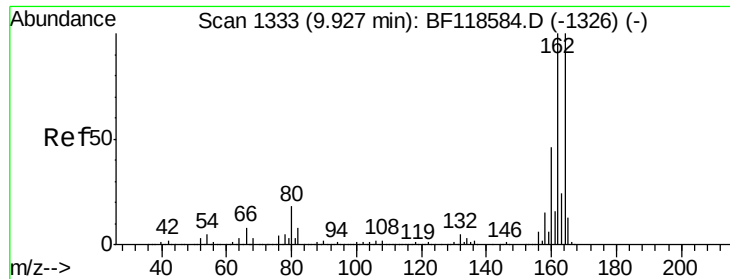
Tot Ion:136 Resp: 1179038
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 6.7 5.1 7.7
68 6.0 4.3 6.5



#23
Nitrobenzene-d5
Concen: 61.480 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

Tgt Ion: 82 Resp: 1295945
Ion Ratio Lower Upper
82 100
128 48.6 38.2 57.2
54 45.9 36.1 54.1

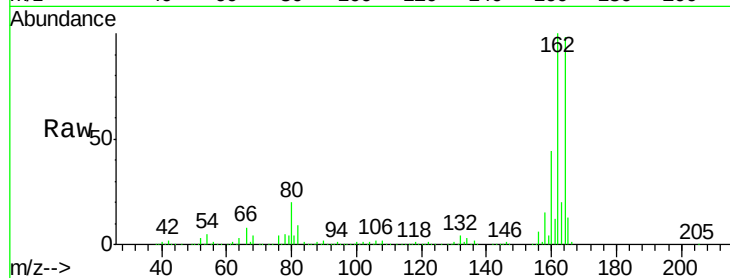




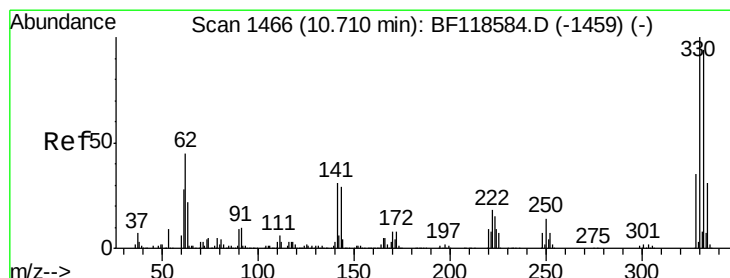
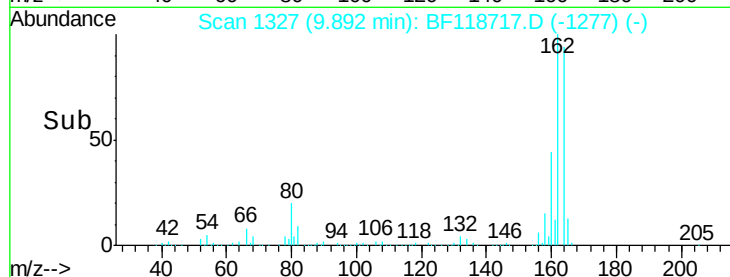
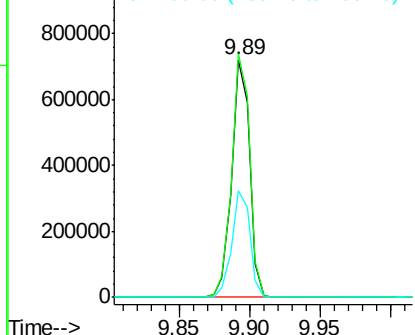
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

Instrument :
BNA_F
ClientSampled :
EP-9

Tot Ion:164 Resp: 636932
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 44.6 35.4 53.0

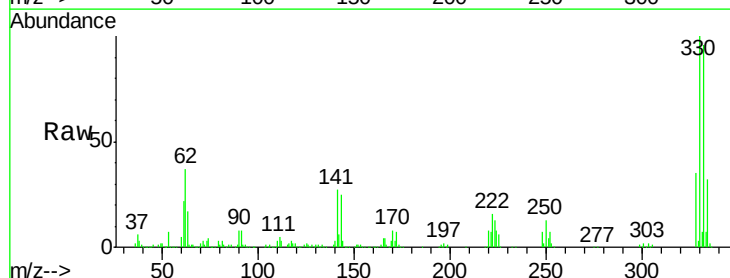


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

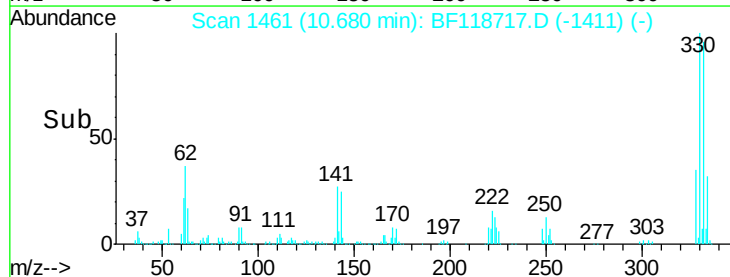
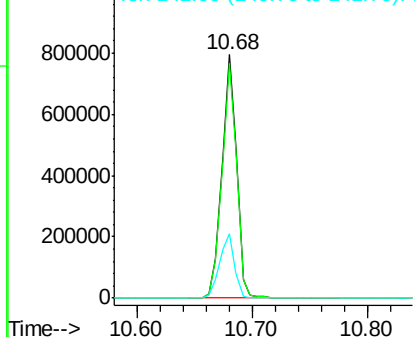


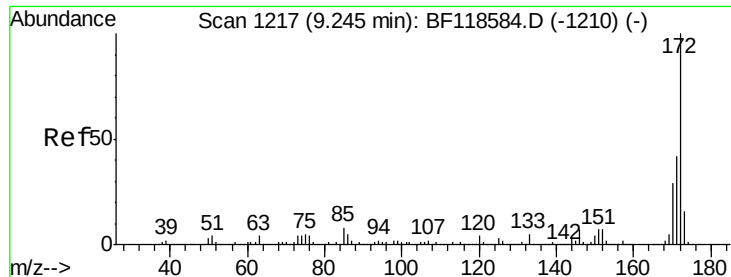
#42
2,4,6-Tribromophenol
Concen: 95.820 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

Tgt Ion:330 Resp: 705903
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 26.9 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

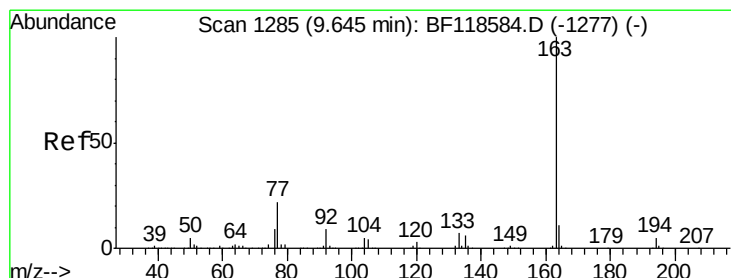
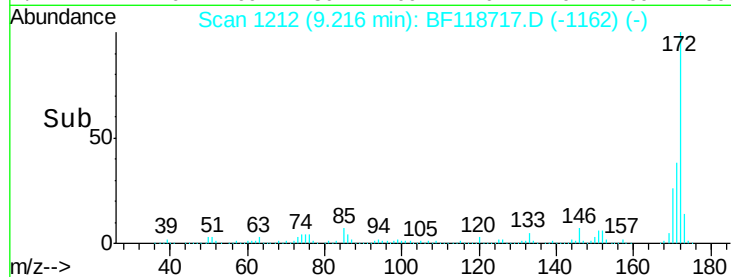
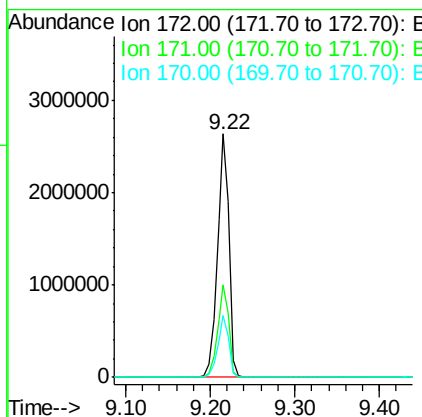
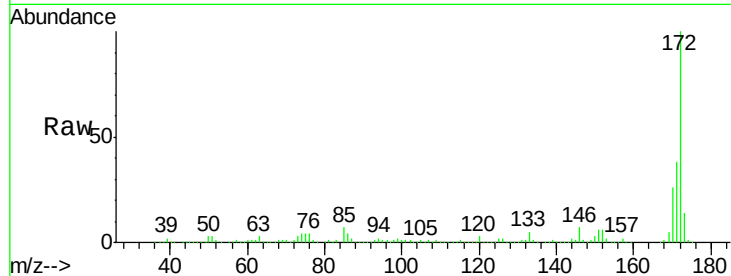




#45
2-Fluorobiphenyl
Concen: 66.300 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

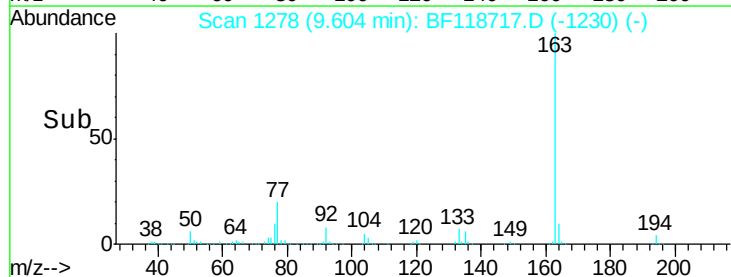
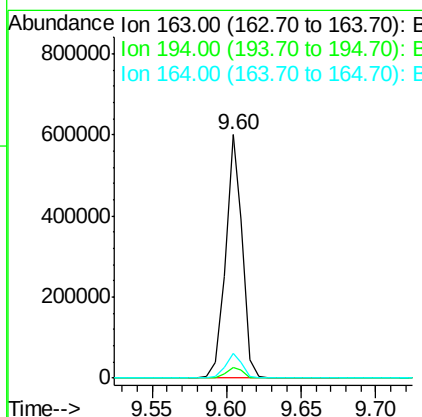
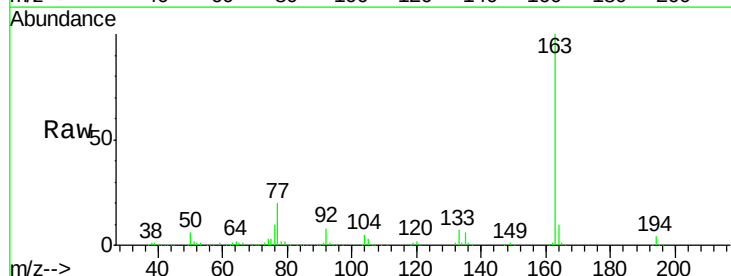
Instrument :
BNA_F
ClientSampleId :
EP-9

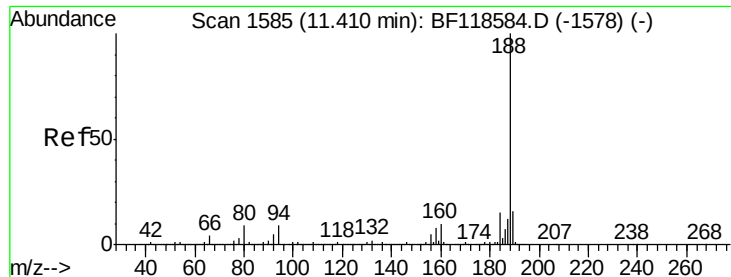
Tot Ion:172 Resp: 2569252
Ion Ratio Lower Upper
172 100
171 38.0 31.0 46.4
170 25.5 20.7 31.1



#50
Dimethylphthalate
Concen: 11.421 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF118717.D
Acq: 27 Jan 2020 13:42

Tgt Ion:163 Resp: 473957
Ion Ratio Lower Upper
163 100
194 4.2 3.7 5.5
164 10.4 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF118717.D

Acq: 27 Jan 2020 13:42

Instrument :

BNA_F

ClientSampleId :

EP-9

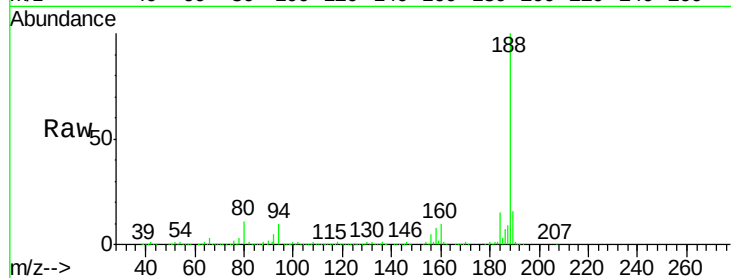
Tot Ion:188 Resp: 1130396

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

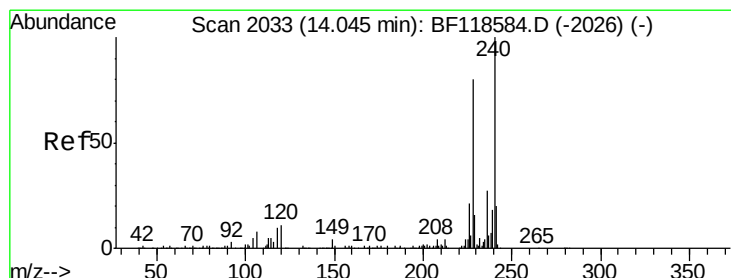
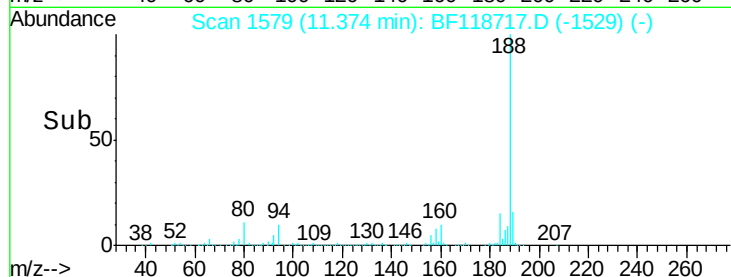
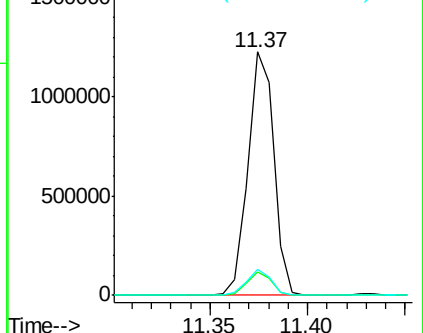
80 10.5 7.8 11.8



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: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF118717.D

Acq: 27 Jan 2020 13:42

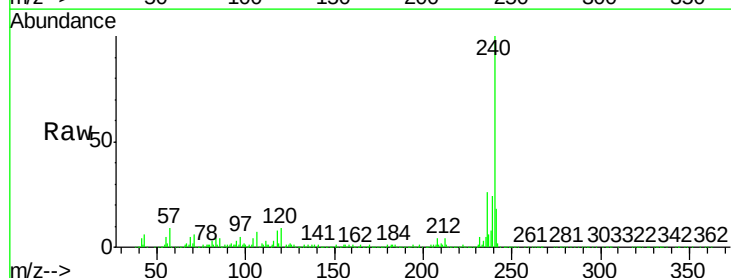
Tgt Ion:240 Resp: 678257

Ion Ratio Lower Upper

240 100

120 9.5 7.6 11.4

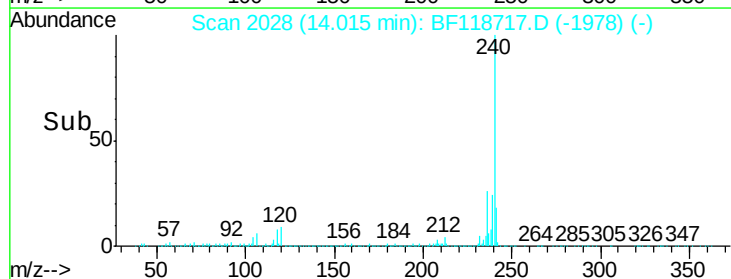
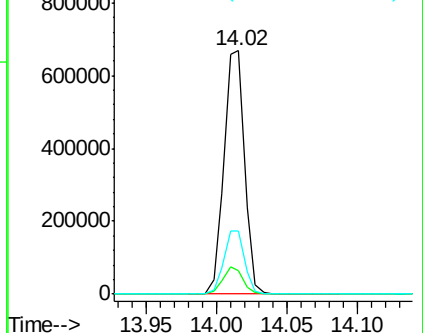
236 26.0 21.0 31.4

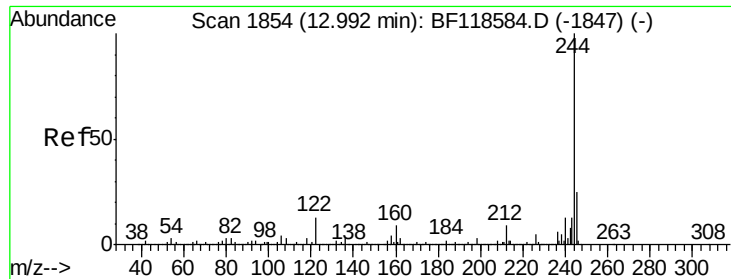


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.910 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF118717.D

Acq: 27 Jan 2020 13:42

Instrument :

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ClientSampleId :

EP-9

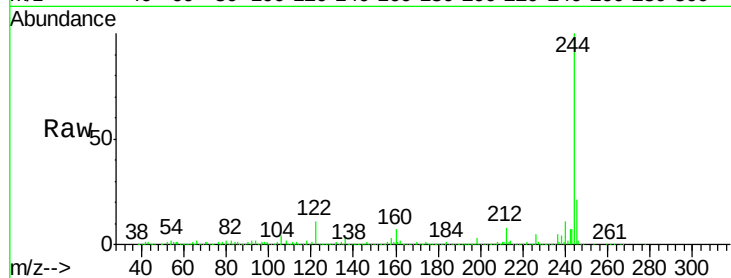
Tot Ion:244 Resp: 2764841

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

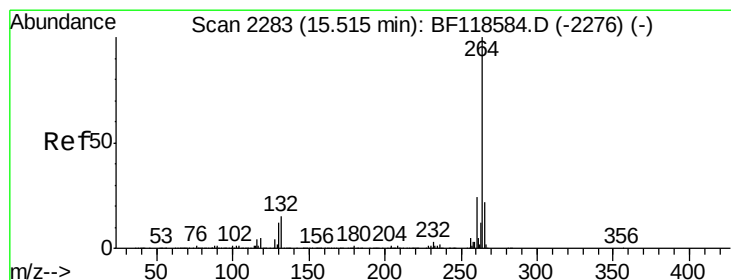
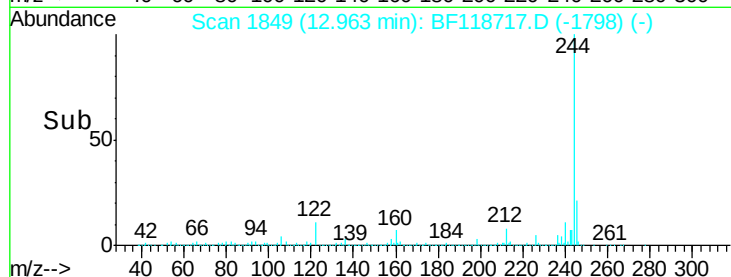
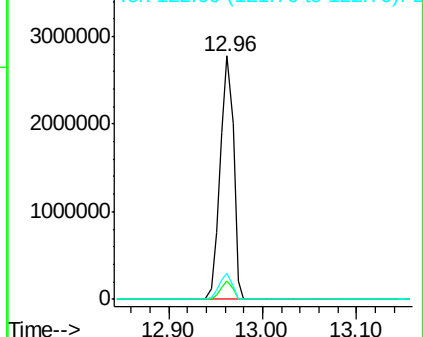
122 10.8 9.2 13.8



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: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF118717.D

Acq: 27 Jan 2020 13:42

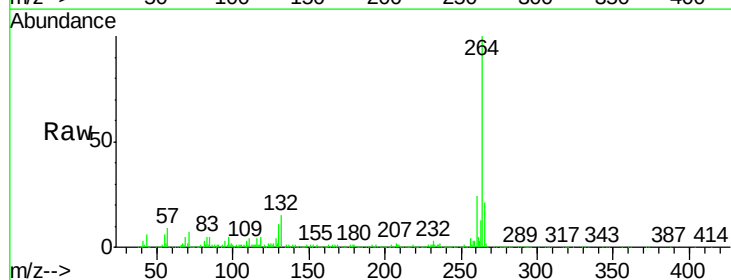
Tgt Ion:264 Resp: 655802

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 21.2 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

