

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117350.D
 Acq On : 8 Oct 2019 19:36
 Operator : JU
 Sample : K5146-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100419

Quant Time: Oct 09 03:43:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

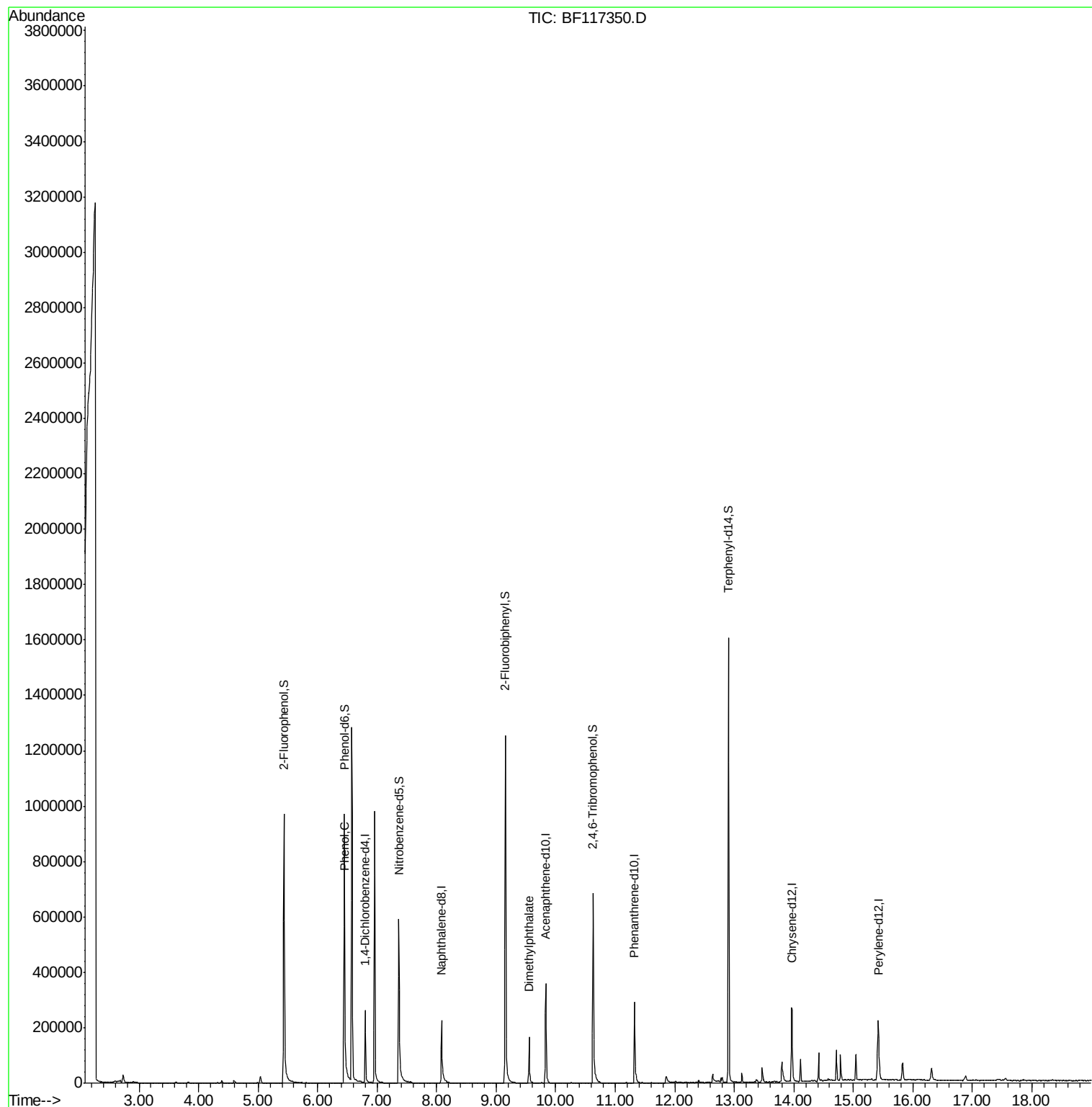
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	42369	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	164382	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	87824	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	147194	20.00	ng	0.00
76) Chrysene-d12	13.96	240	113928	20.00	ng	-0.01
87) Perylene-d12	15.42	264	107346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	324713	119.65	ng	0.00
7) Phenol-d6	6.45	99	427130	121.79	ng	0.00
23) Nitrobenzene-d5	7.36	82	274633	87.78	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	95890	130.64	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	500099	89.04	ng	0.00
79) Terphenyl-d14	12.90	244	547043	89.75	ng	0.00
Target Compounds						
10) Phenol	6.46	94	11422	2.954	ng	Qvalue # 73
50) Dimethylphthalate	9.55	163	89742	14.432	ng	98

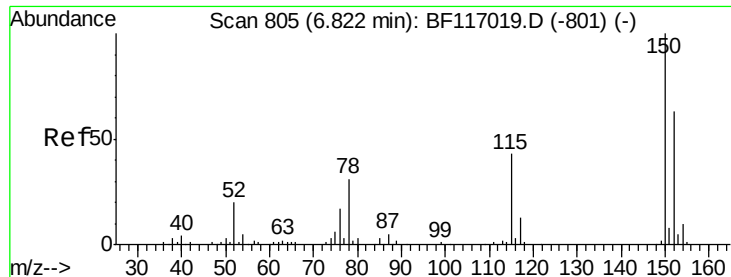
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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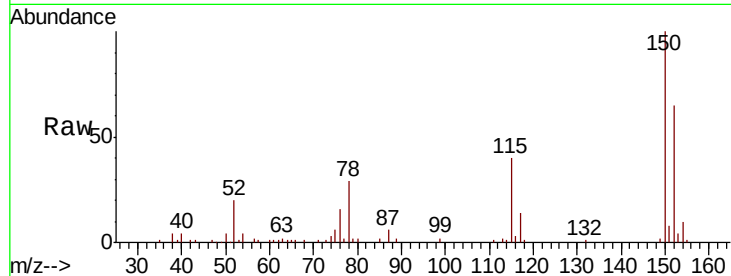


#1

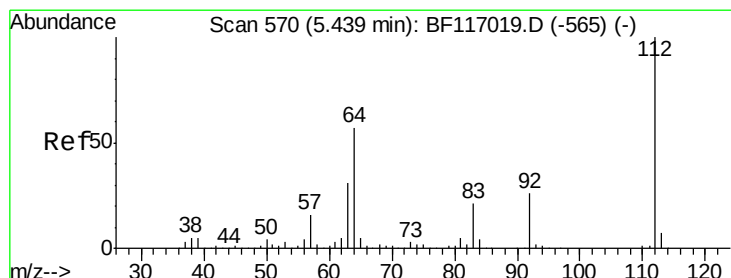
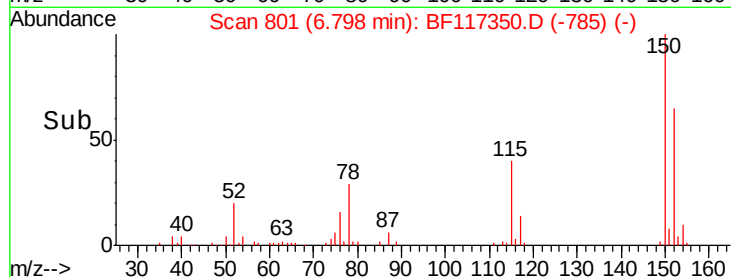
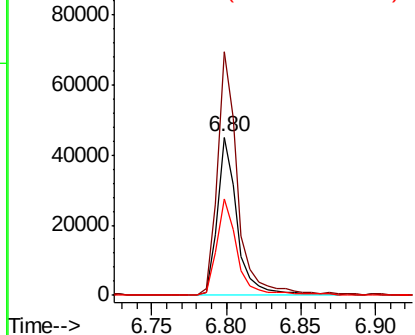
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117350.D
Acq: 8 Oct 2019 19:36

Instrument :
BNA_F
ClientSampleId :
CL-01-100419

Tot Ion:152 Resp: 42369
Ion Ratio Lower Upper
152 100
150 153.8 127.5 191.3
115 61.1 55.0 82.4



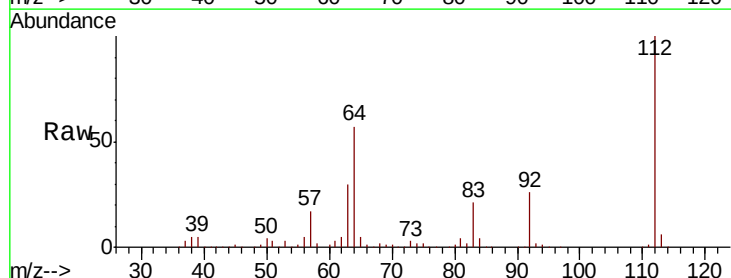
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



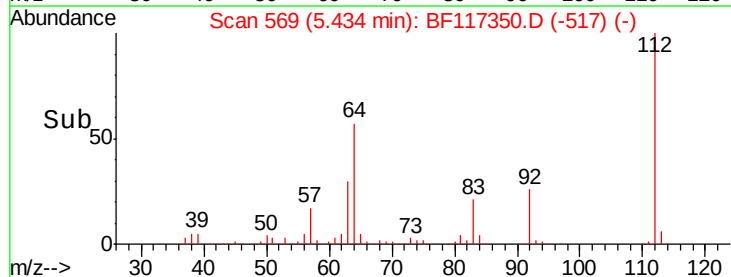
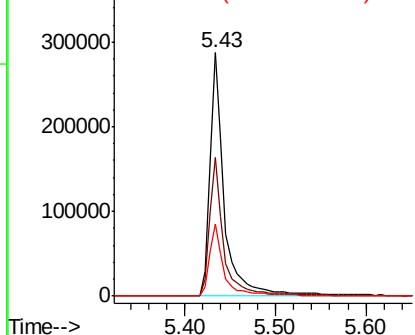
#5

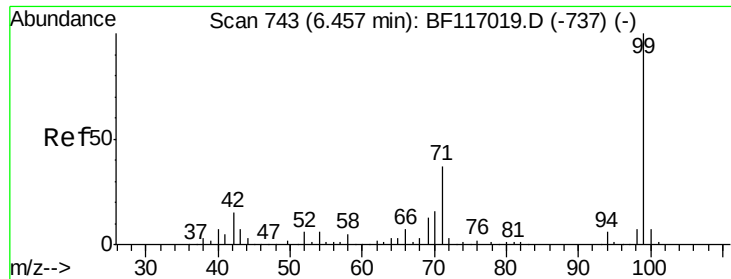
2-Fluorophenol
Concen: 119.653 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF117350.D
Acq: 8 Oct 2019 19:36

Tgt Ion:112 Resp: 324713
Ion Ratio Lower Upper
112 100
64 57.0 45.7 68.5
63 29.6 24.9 37.3



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: 121.787 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117350.D

Acq: 8 Oct 2019 19:36

Instrument :

BNA_F

ClientSampleId :

CL-01-100419

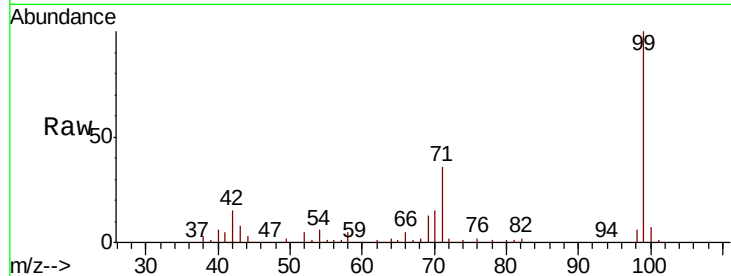
Tot Ion: 99 Resp: 427130

Ion Ratio Lower Upper

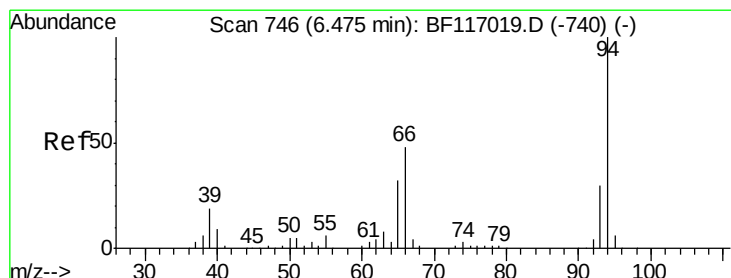
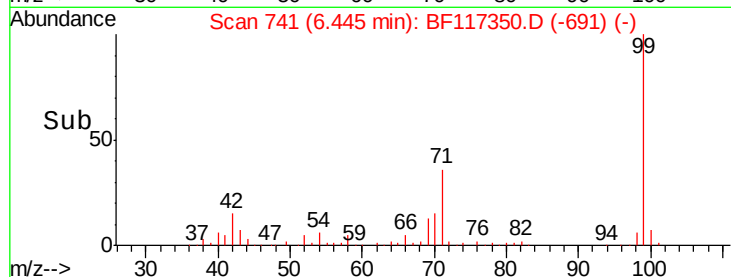
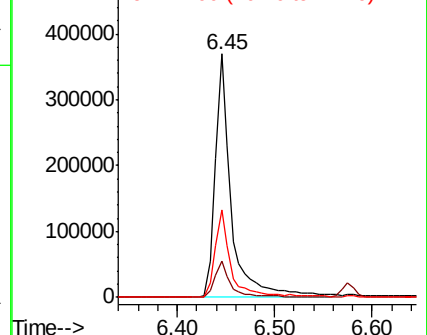
99 100

42 14.9 12.2 18.2

71 35.9 29.8 44.8



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: 2.954 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF117350.D

Acq: 8 Oct 2019 19:36

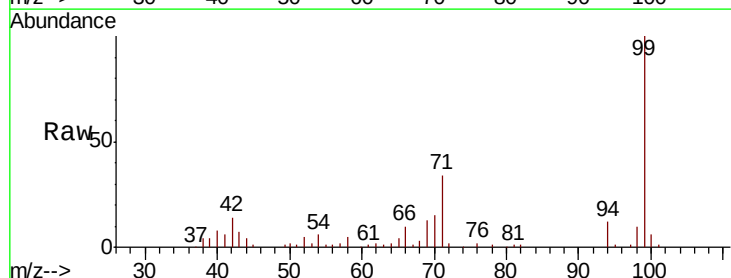
Tgt Ion: 94 Resp: 11422

Ion Ratio Lower Upper

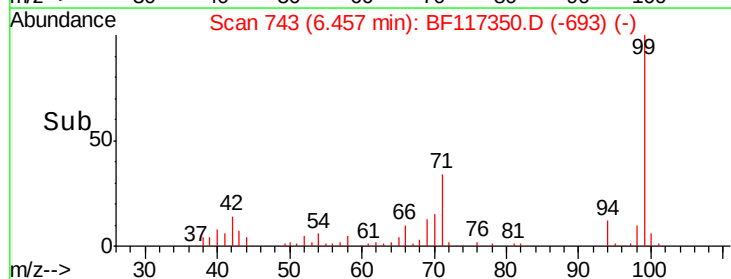
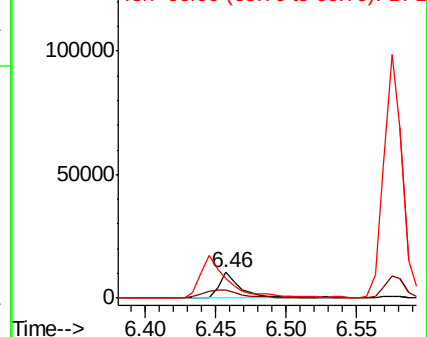
94 100

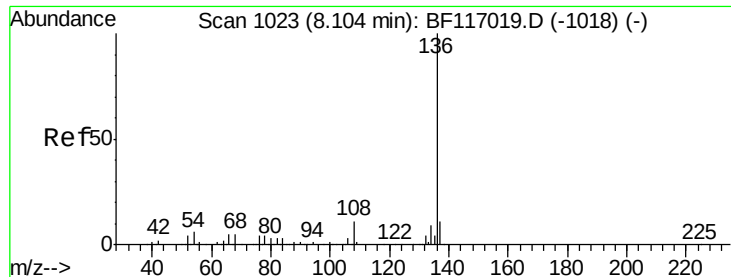
65 31.7 12.5 52.5

66 78.7 28.9 68.9#



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

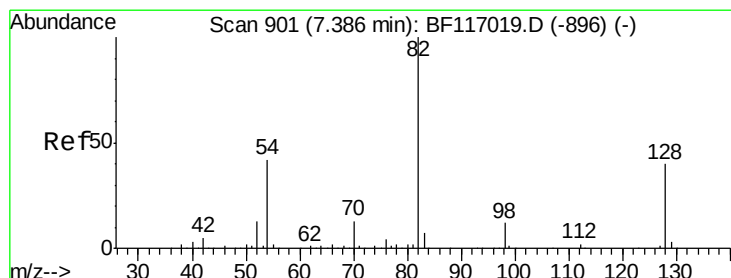
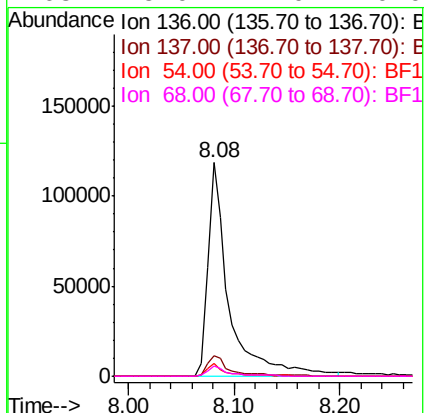
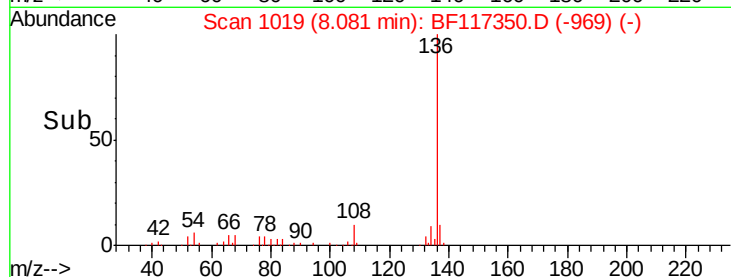
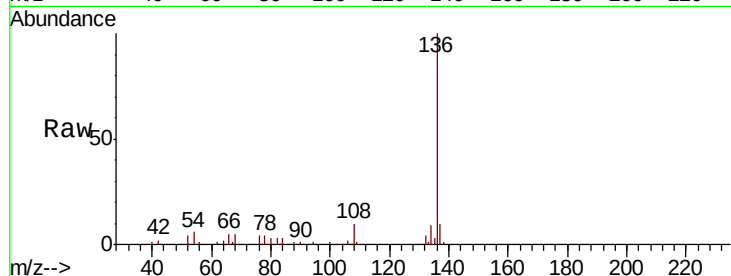




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117350.D
Acq: 8 Oct 2019 19:36

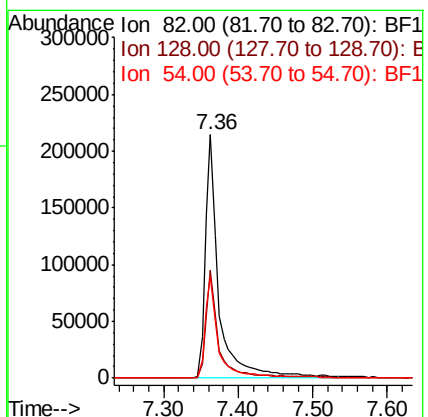
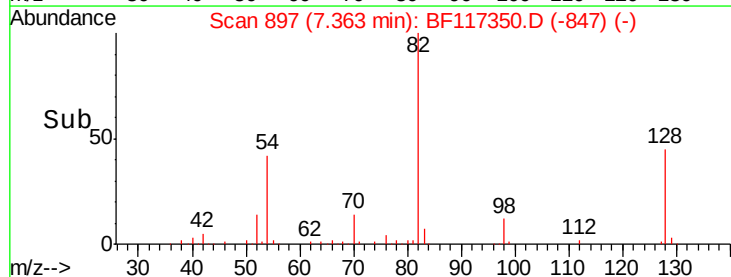
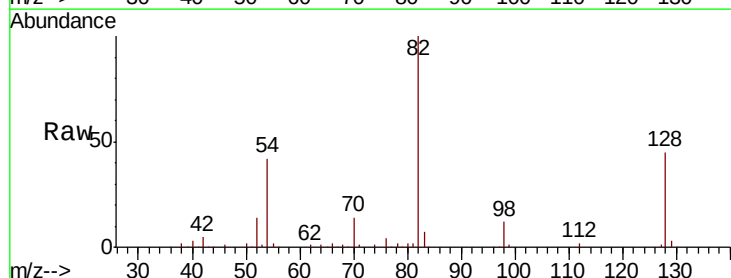
Instrument :
BNA_F
ClientSampleId :
CL-01-100419

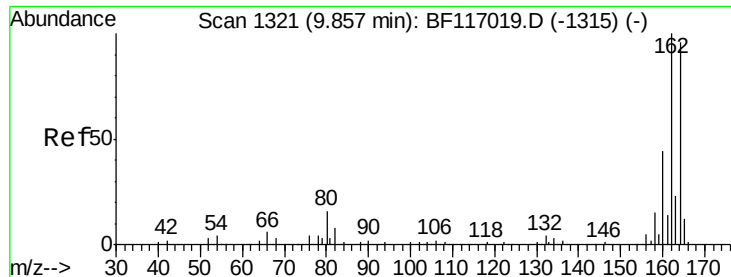
Tot Ion:136	Resp:	164382
Ion	Ratio	Lower Upper
136	100	
137	9.8	9.0 13.4
54	5.8	4.5 6.7
68	5.0	4.0 6.0



#23
Nitrobenzene-d5
Concen: 87.783 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF117350.D
Acq: 8 Oct 2019 19:36

Tgt Ion: 82	Resp:	274633
Ion	Ratio	Lower Upper
82	100	
128	44.6	32.3 48.5
54	41.9	33.3 49.9

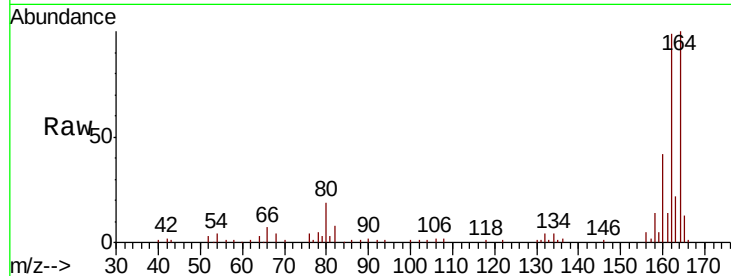




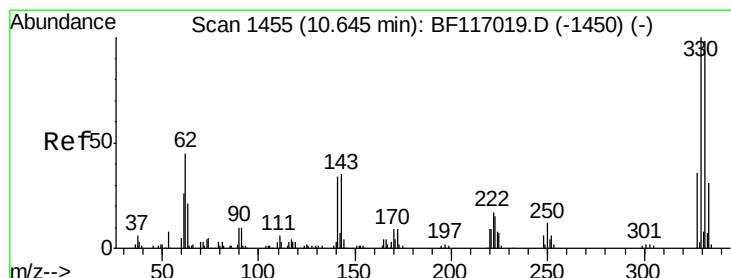
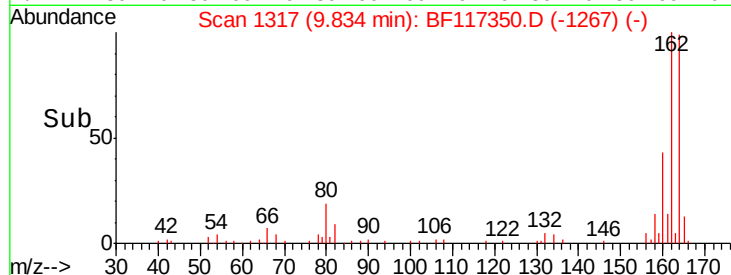
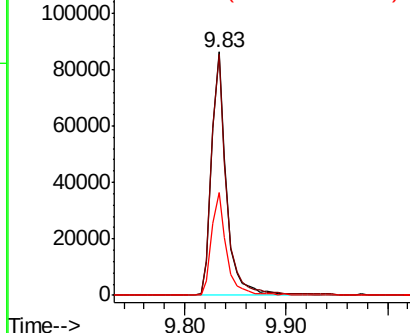
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117350.D
Acq: 8 Oct 2019 19:36

Instrument :
BNA_F
ClientSampleId :
CL-01-100419

Tot Ion:164 Resp: 87824
Ion Ratio Lower Upper
164 100
162 99.1 83.4 125.2
160 42.2 36.4 54.6

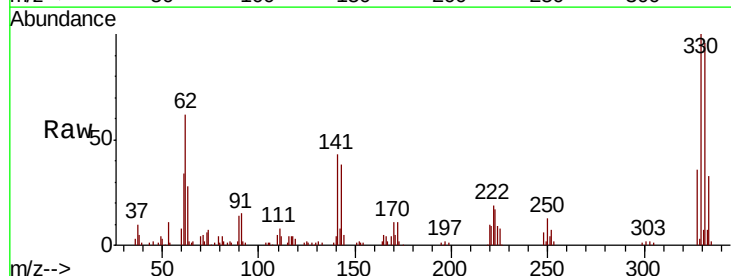


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

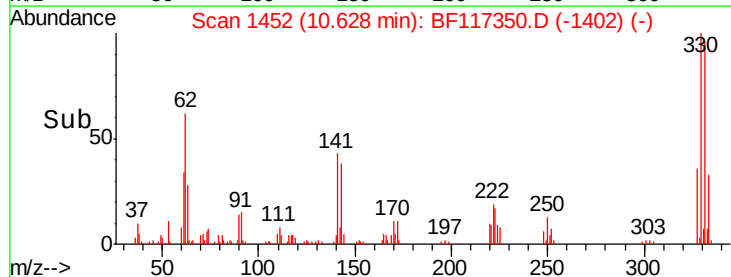
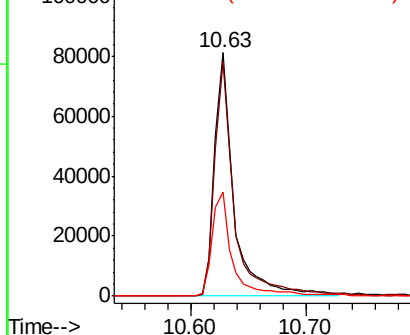


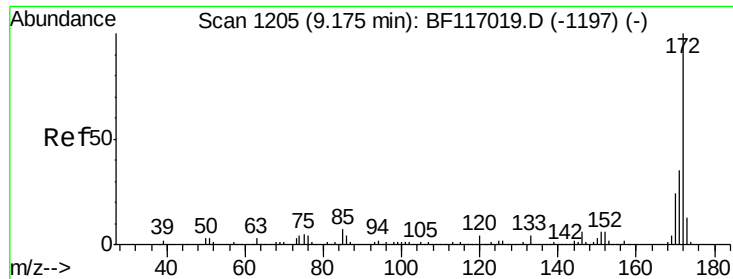
#42
2,4,6-Tribromophenol
Concen: 130.639 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117350.D
Acq: 8 Oct 2019 19:36

Tgt Ion:330 Resp: 95890
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 44.6 35.8 53.6



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

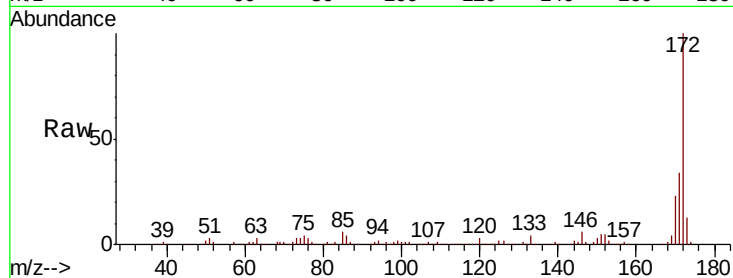




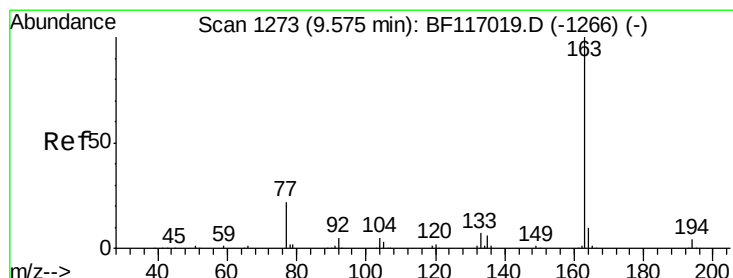
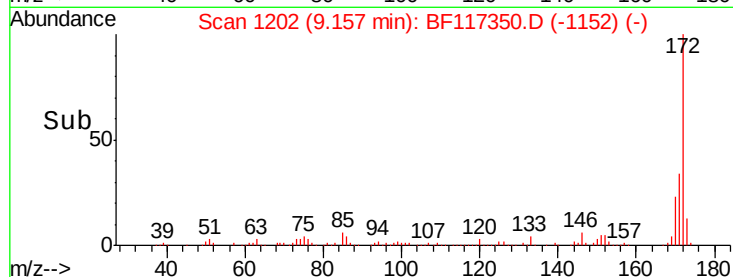
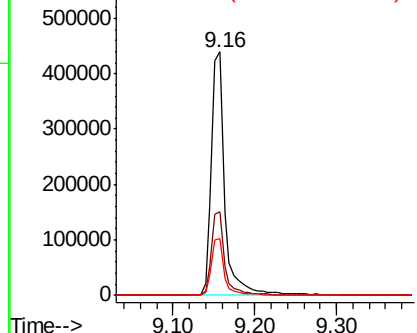
#45
 2-Fluorobiphenyl
 Concen: 89.035 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF117350.D
 Acq: 8 Oct 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-100419

Tot Ion:172 Resp: 500099
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.2 42.2
 170 23.4 18.9 28.3

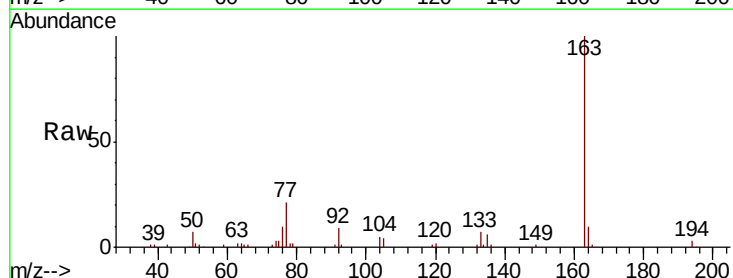


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

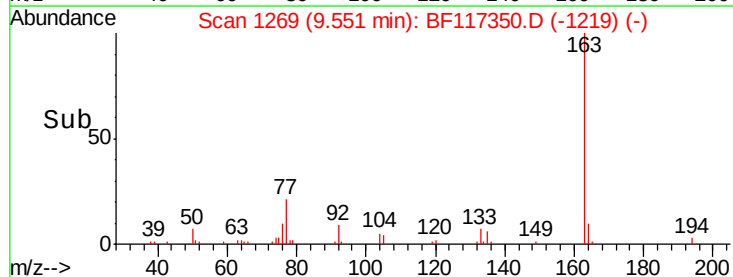
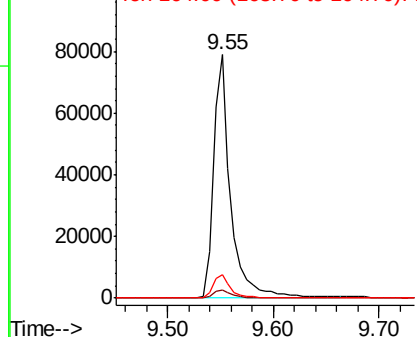


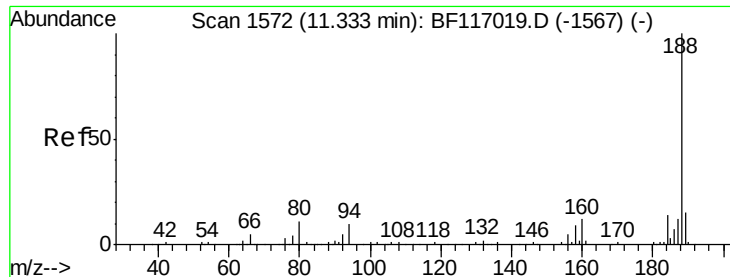
#50
 Dimethylphthalate
 Concen: 14.432 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF117350.D
 Acq: 8 Oct 2019 19:36

Tgt Ion:163 Resp: 89742
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.9 4.3
 164 9.6 8.2 12.4



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

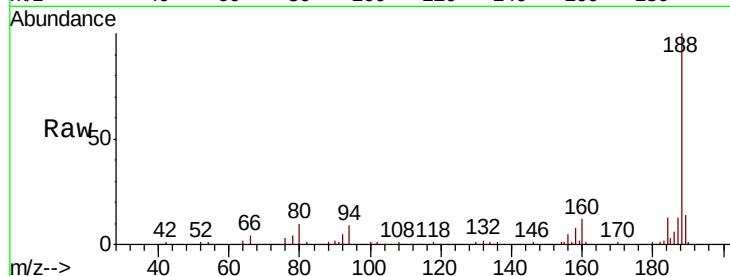




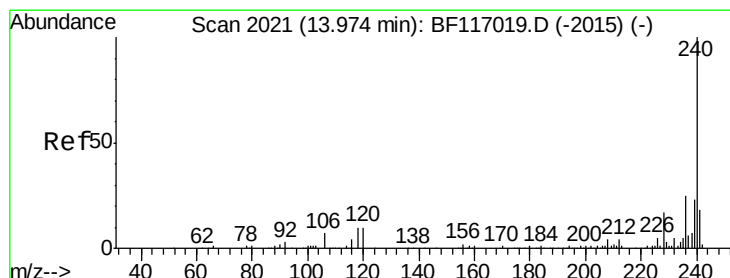
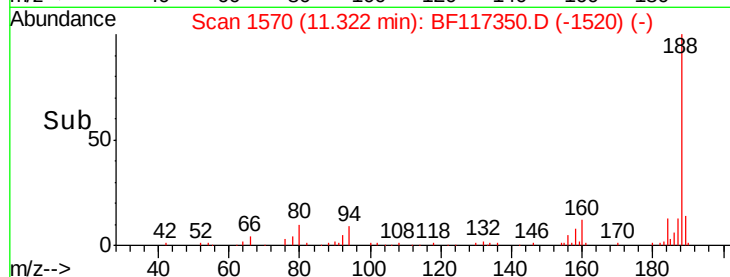
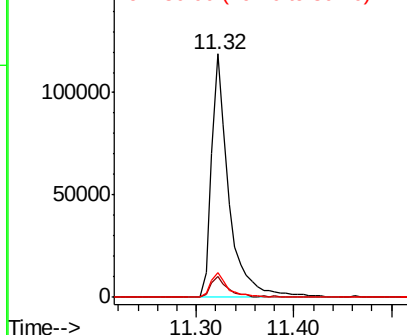
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117350.D
Acq: 8 Oct 2019 19:36

Instrument :
BNA_F
ClientSampleId :
CL-01-100419

Tot Ion:188 Resp: 147194
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 10.1 9.0 13.6

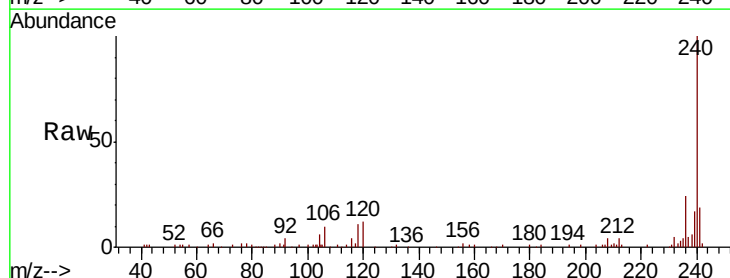


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

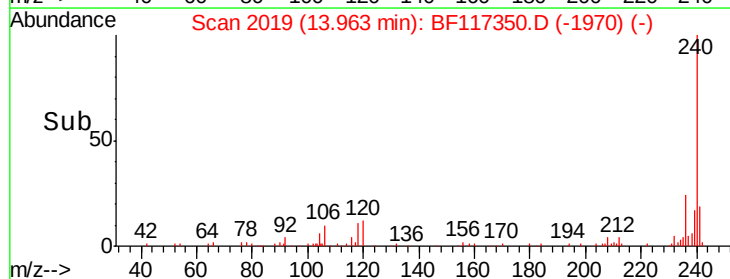
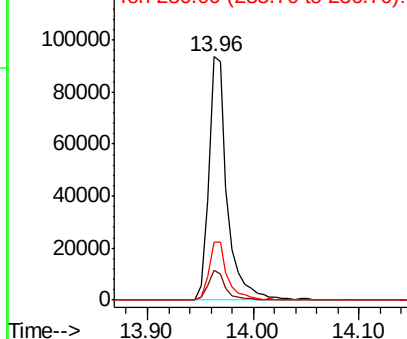


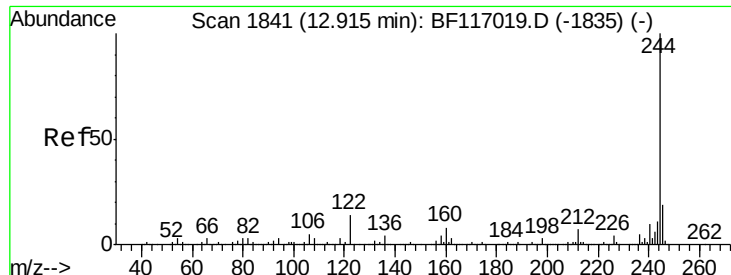
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117350.D
Acq: 8 Oct 2019 19:36

Tgt Ion:240 Resp: 113928
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 23.9 20.3 30.5



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: 89.754 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF117350.D

Acq: 8 Oct 2019 19:36

Instrument :

BNA_F

ClientSampleId :

CL-01-100419

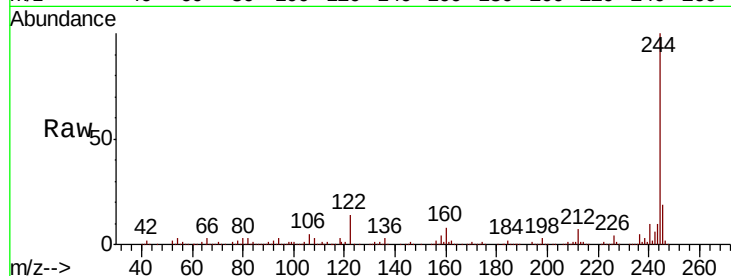
Tot Ion:244 Resp: 547043

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

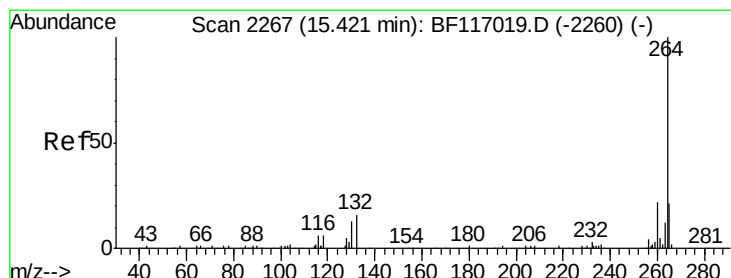
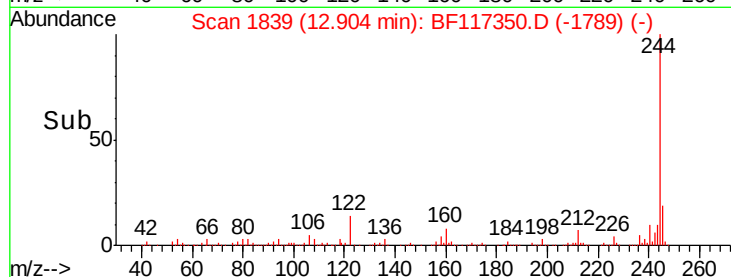
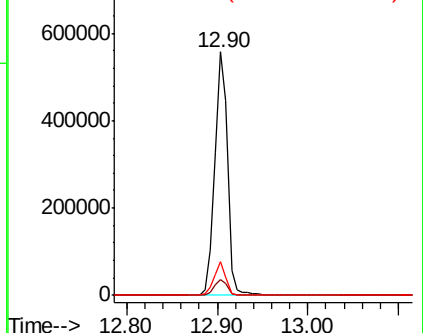
122 13.9 11.3 16.9



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: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF117350.D

Acq: 8 Oct 2019 19:36

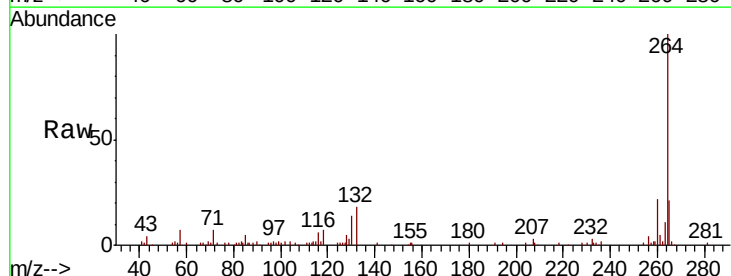
Tgt Ion:264 Resp: 107346

Ion Ratio Lower Upper

264 100

260 22.5 17.6 26.4

265 21.5 16.6 24.8



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

