

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113120.D
 Acq On : 19 Mar 2019 5:30
 Operator : JU/SJ
 Sample : K1947-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B033-031319

Quant Time: Mar 19 07:27:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

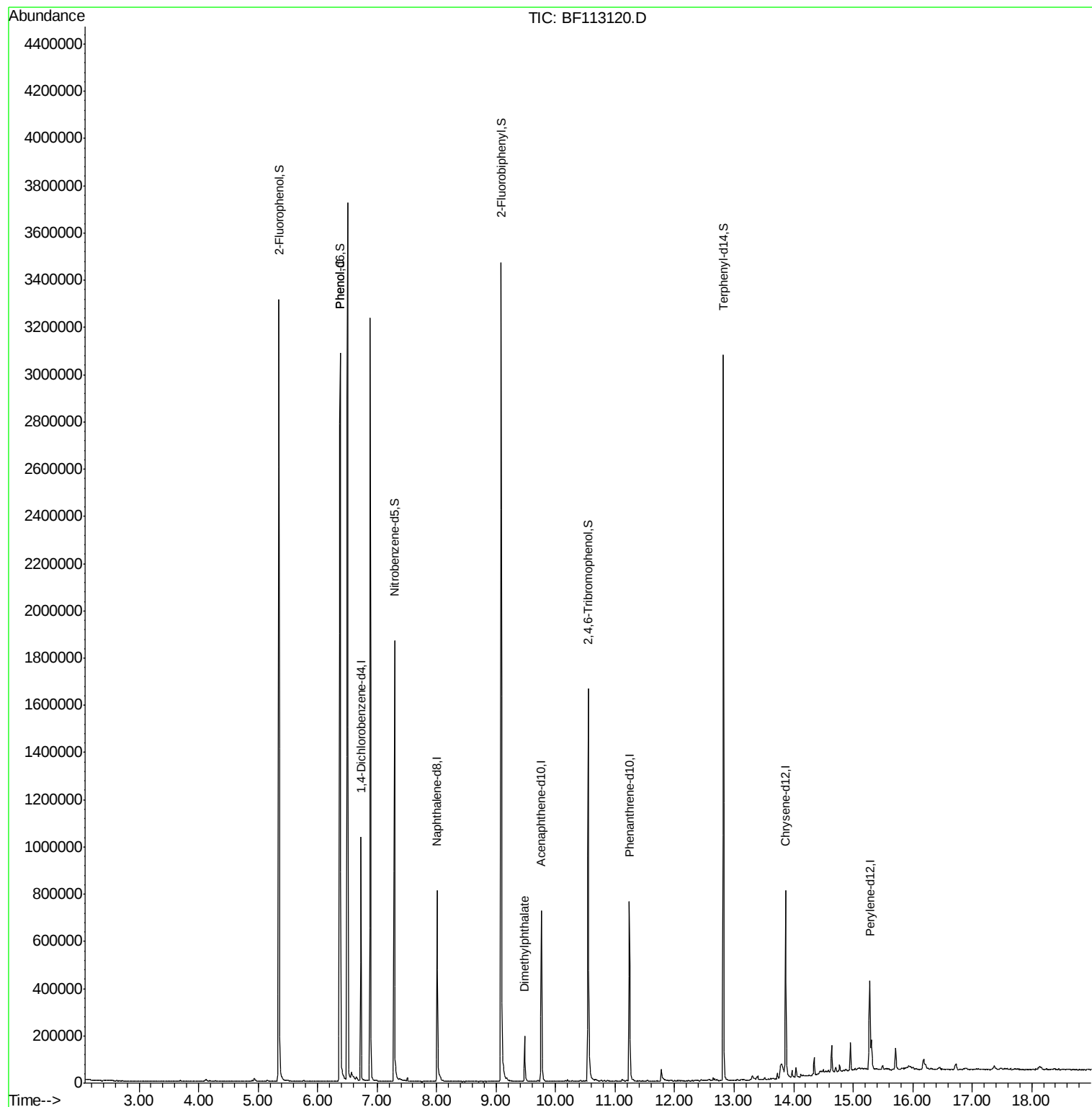
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	142304	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	421460	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	177861	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	327896	20.00	ng	0.00
76) Chrysene-d12	13.87	240	311428	20.00	ng	0.00
87) Perylene-d12	15.28	264	216554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	989788	108.20	ng	0.00
7) Phenol-d6	6.38	99	1234940	107.46	ng	0.00
23) Nitrobenzene-d5	7.29	82	662042	94.00	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	269026	142.48	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1181387	125.47	ng	0.00
79) Terphenyl-d14	12.82	244	1108627	69.01	ng	0.00
Target Compounds						
10) Phenol	6.39	94	71358	5.321	ng	96
50) Dimethylphthalate	9.48	163	105022	8.008	ng	99

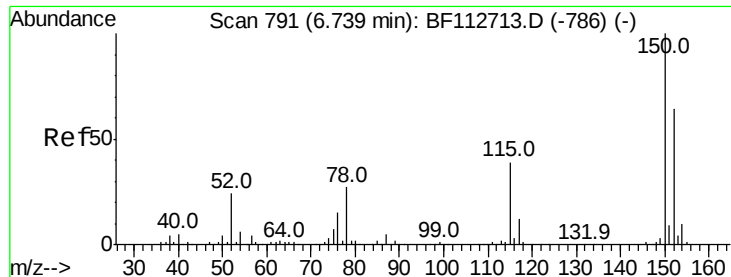
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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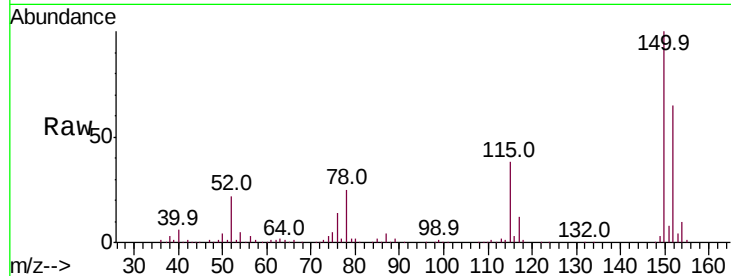


#1

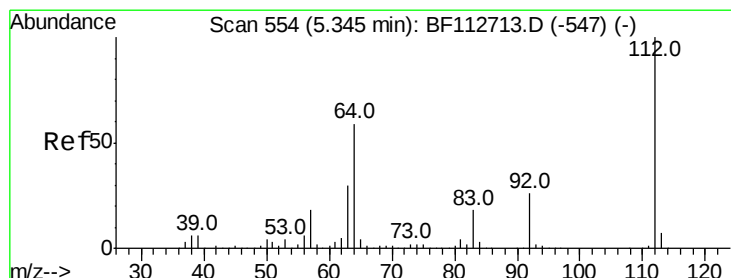
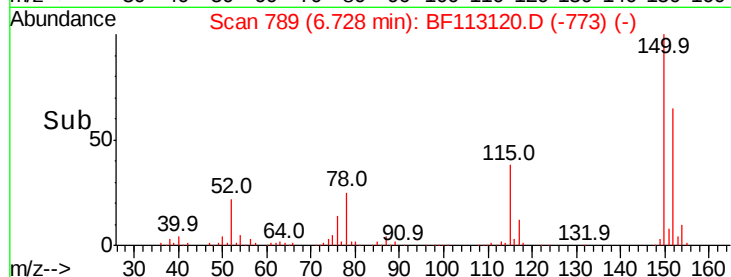
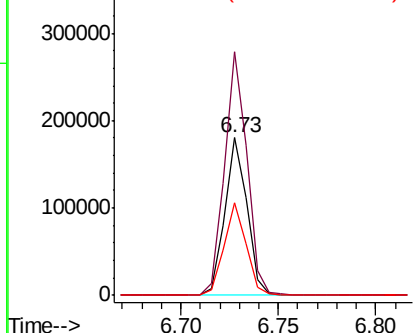
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113120.D
Acq: 19 Mar 2019 5:30

Instrument :
BNA_F
ClientSampleId :
PST-025-B033-031319

Tot Ion:152 Resp: 142304
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 58.9 48.2 72.4



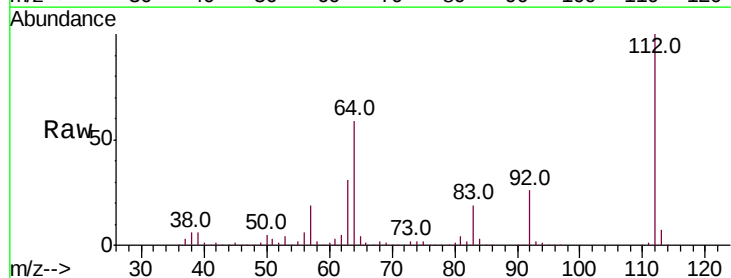
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



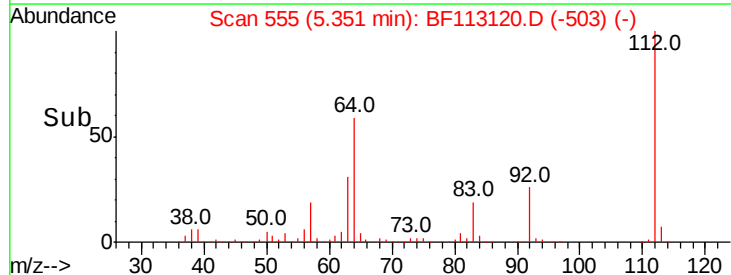
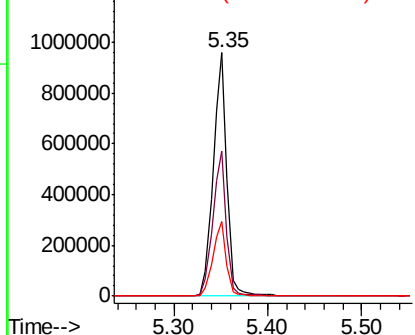
#5

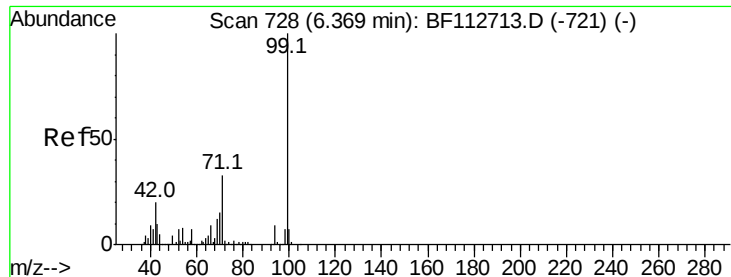
2-Fluorophenol
Concen: 108.195 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113120.D
Acq: 19 Mar 2019 5:30

Tgt Ion:112 Resp: 989788
Ion Ratio Lower Upper
112 100
64 59.5 47.6 71.4
63 30.5 24.4 36.6



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: 107.464 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113120.D

Acq: 19 Mar 2019 5:30

Instrument :

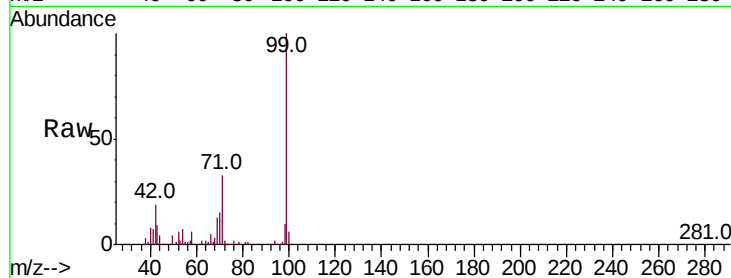
BNA_F

ClientSampleId :

PST-025-B033-031319

Tot Ion: 99 Resp: 1234940

Ion	Ratio	Lower	Upper
99	100		
42	18.5	16.3	24.5
71	32.7	26.2	39.4

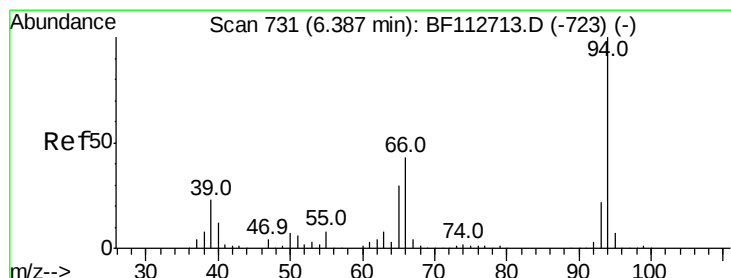
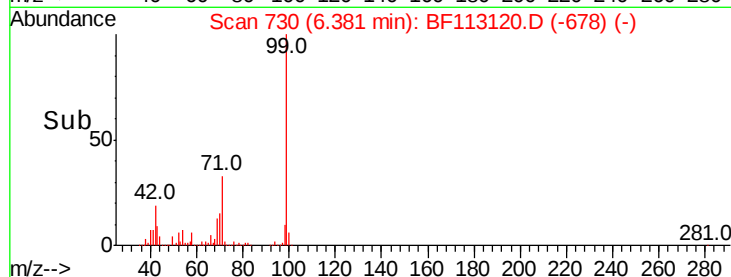
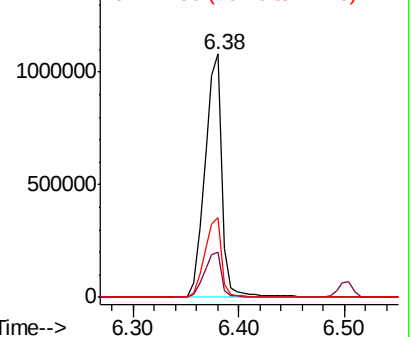


Abundance

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: 5.321 ng

RT: 6.39 min Scan# 731

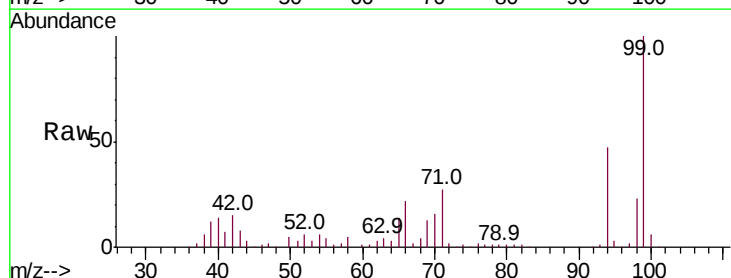
Delta R.T. -0.01 min

Lab File: BF113120.D

Acq: 19 Mar 2019 5:30

Tgt Ion: 94 Resp: 71358

Ion	Ratio	Lower	Upper
94	100		
65	29.7	10.5	50.5
66	46.4	22.6	62.6

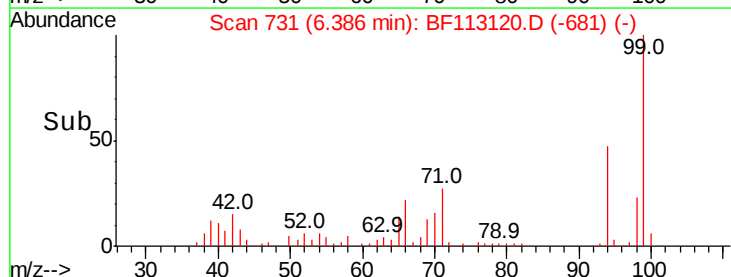
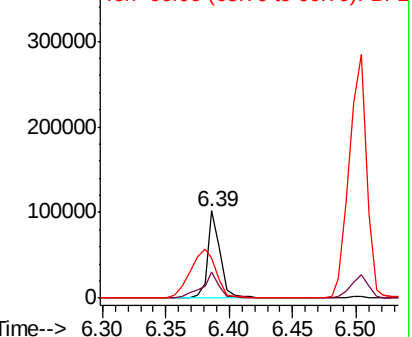


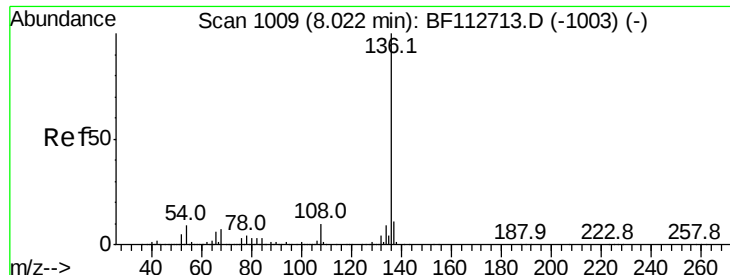
Abundance

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

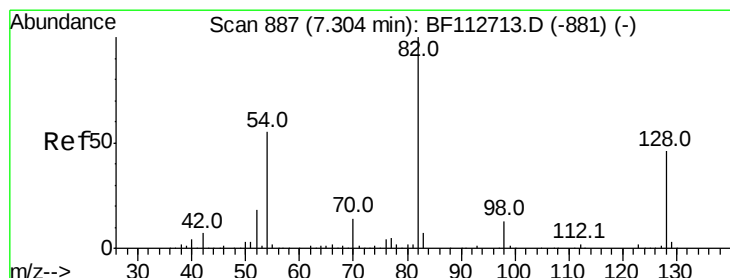
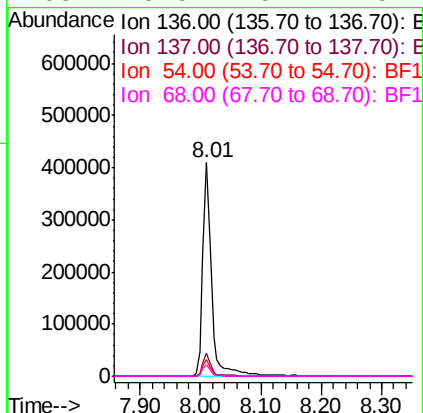
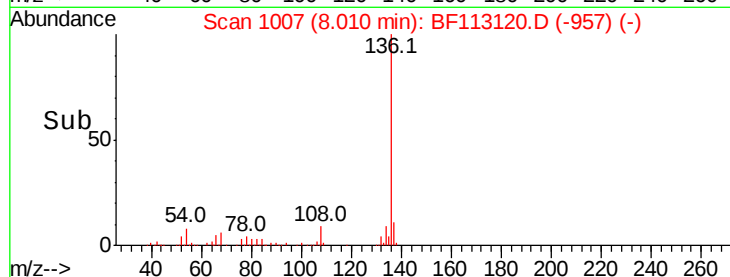
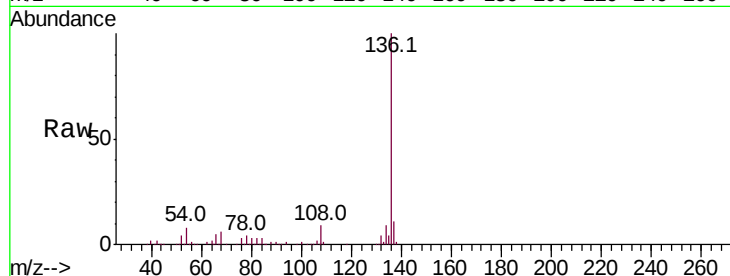




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113120.D
Acq: 19 Mar 2019 5:30

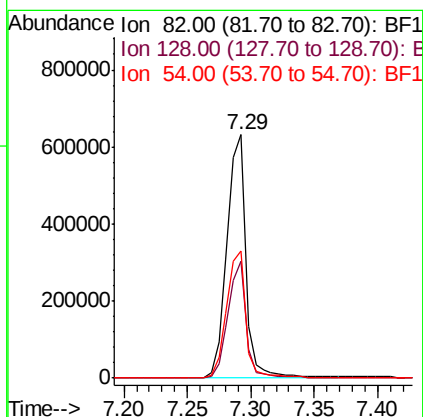
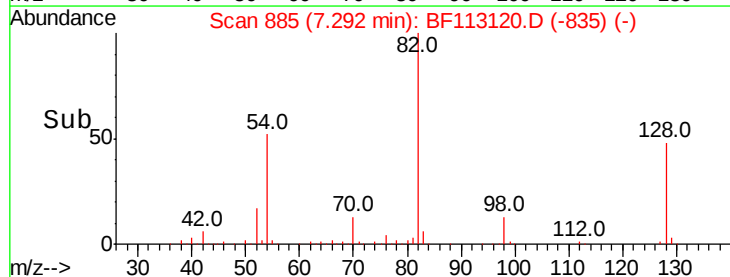
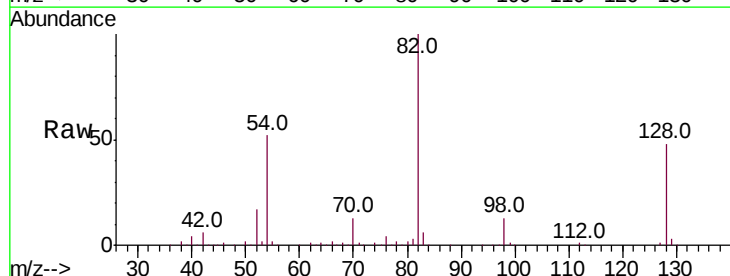
Instrument :
BNA_F
ClientSampleId :
PST-025-B033-031319

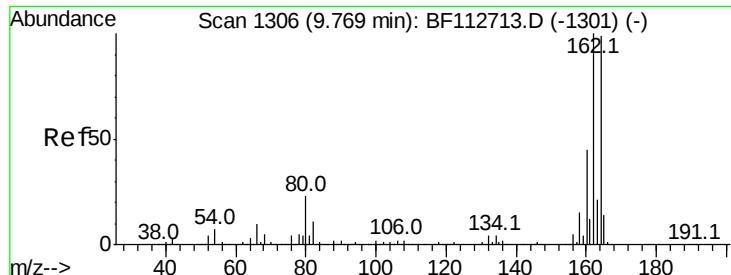
Tot Ion:	136	Resp:	421460
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	7.3	10.9
68	5.5	5.4	8.2



#23
Nitrobenzene-d5
Concen: 93.995 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113120.D
Acq: 19 Mar 2019 5:30

Tgt Ion:	82	Resp:	662042
Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.3	54.5
54	52.2	43.7	65.5

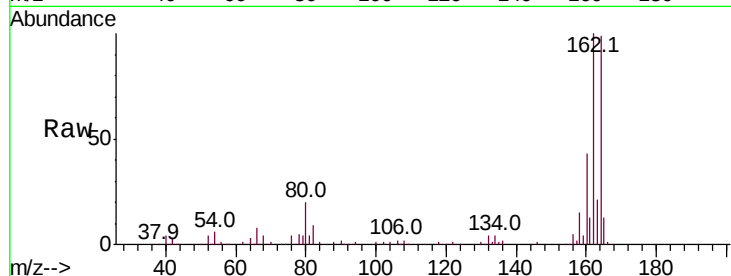




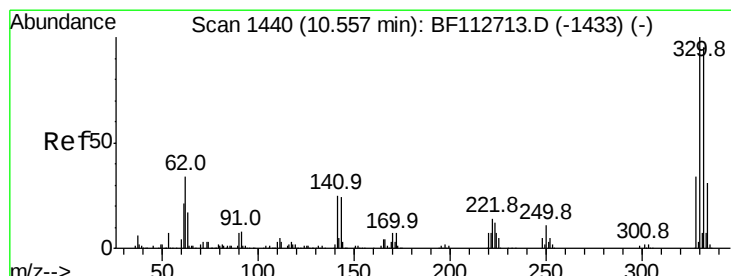
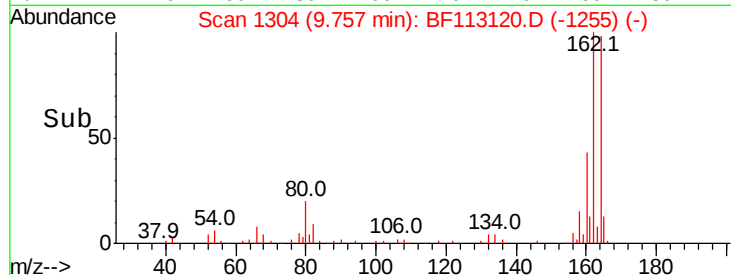
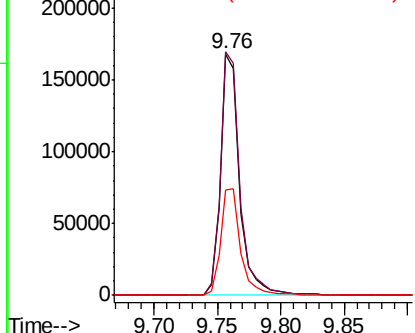
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113120.D
Acq: 19 Mar 2019 5:30

Instrument :
BNA_F
ClientSampleId :
PST-025-B033-031319

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	43.6	36.0	54.0

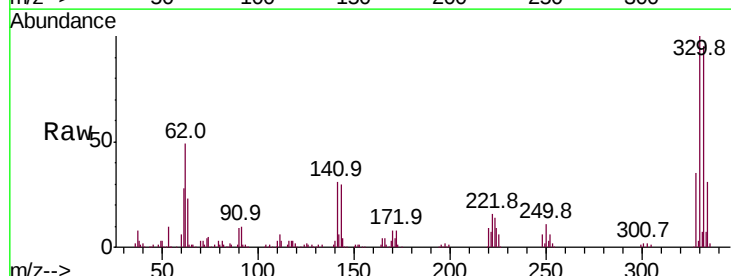


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

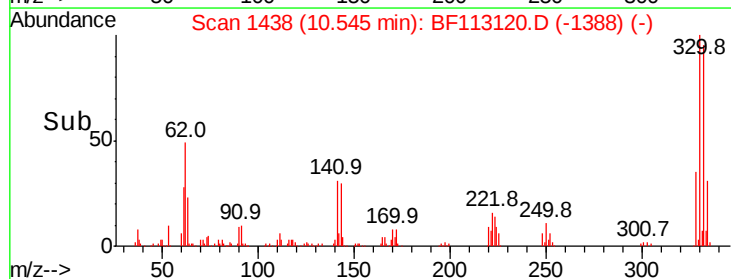
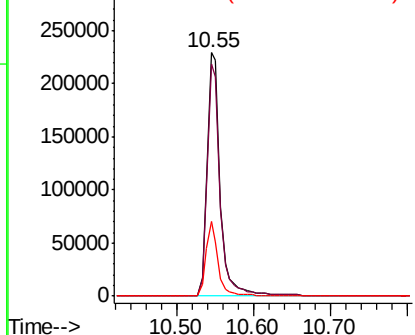


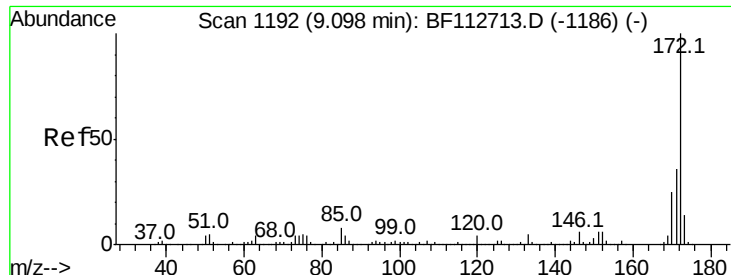
#42
2,4,6-Tribromophenol
Concen: 142.476 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113120.D
Acq: 19 Mar 2019 5:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	28.6	27.0	40.6



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

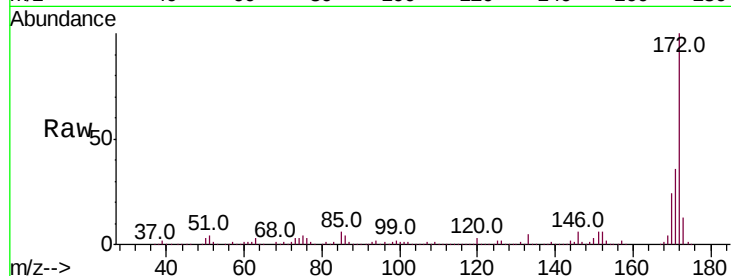




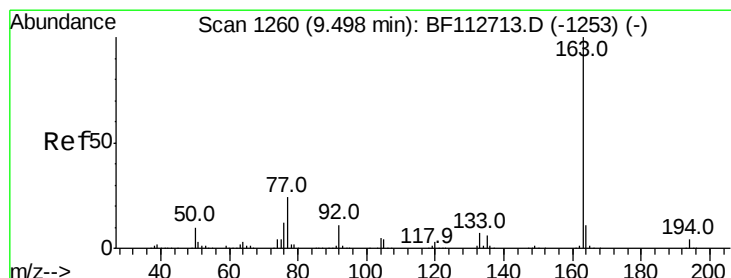
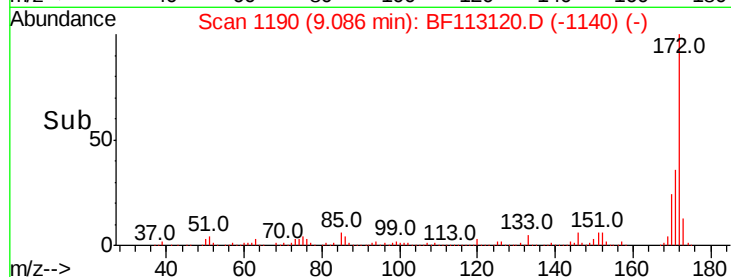
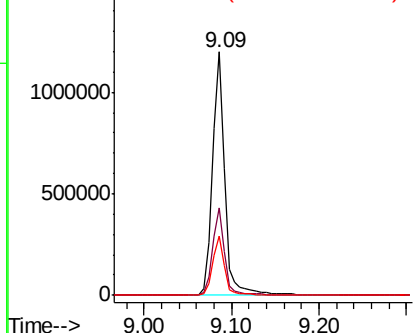
#45
2-Fluorobiphenyl
Concen: 125.473 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113120.D
Acq: 19 Mar 2019 5:30

Instrument :
BNA_F
ClientSampleId :
PST-025-B033-031319

Tot Ion:172 Resp: 1181387
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 24.3 20.0 30.0

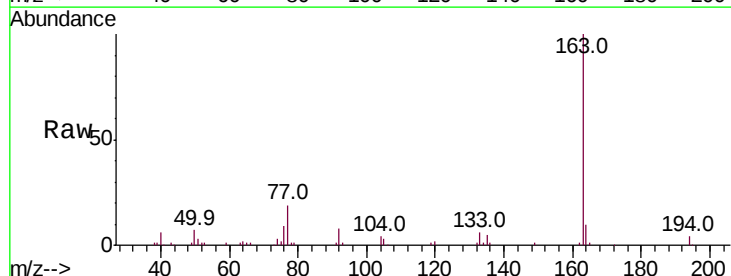


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

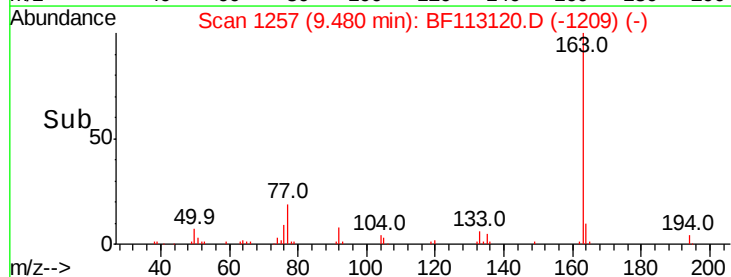
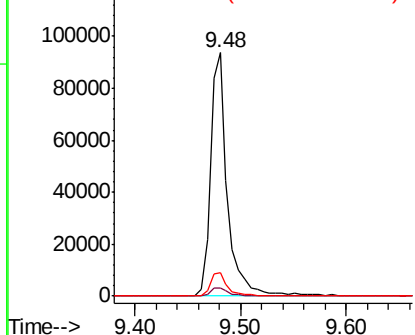


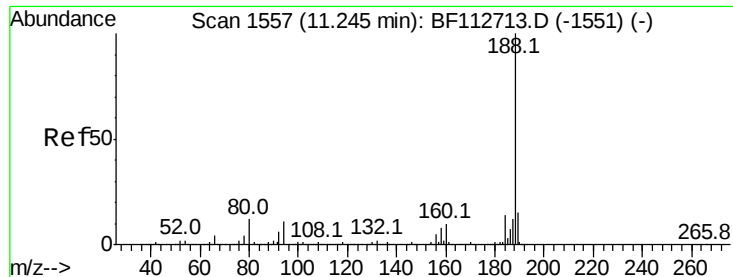
#50
Dimethylphthalate
Concen: 8.008 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF113120.D
Acq: 19 Mar 2019 5:30

Tgt Ion:163 Resp: 105022
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.8 8.4 12.6



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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113120.D

Acq: 19 Mar 2019 5:30

Instrument :

BNA_F

ClientSampleId :

PST-025-B033-031319

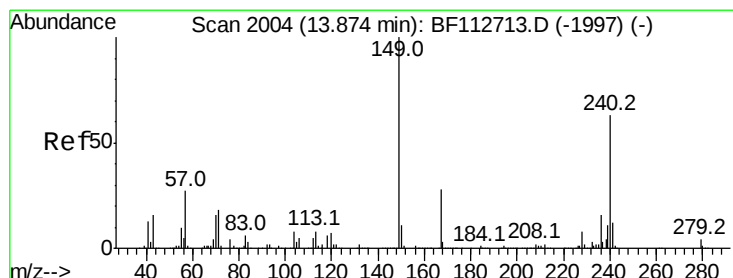
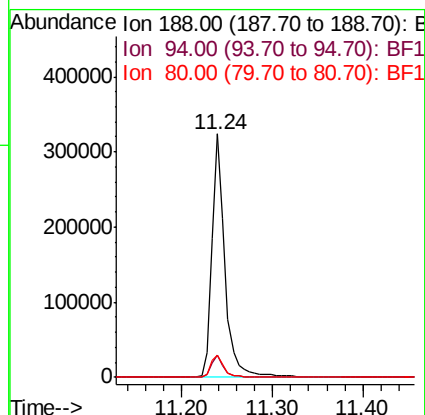
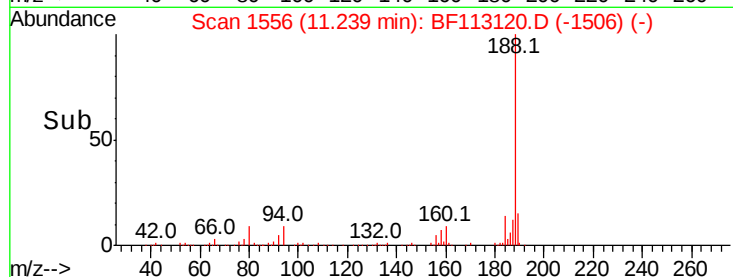
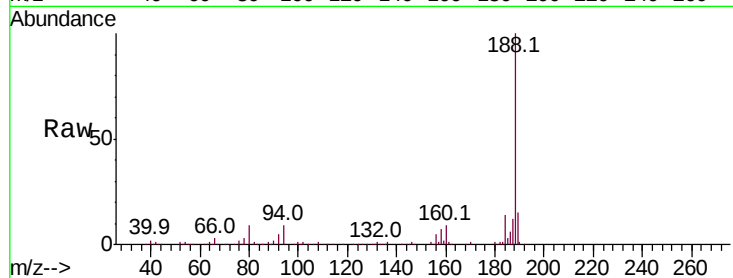
Tot Ion:188 Resp: 327896

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

80 9.0 9.2 13.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113120.D

Acq: 19 Mar 2019 5:30

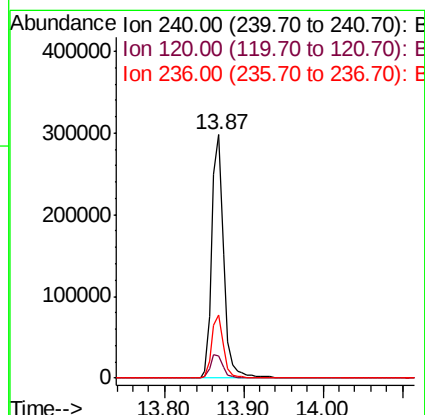
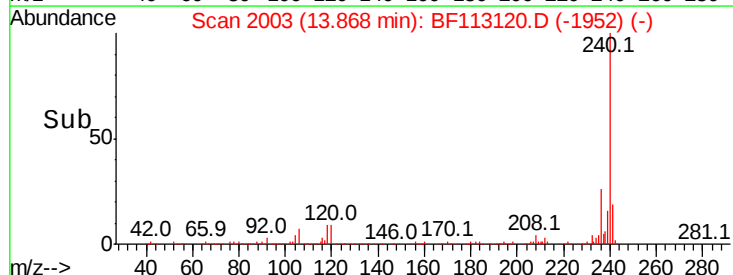
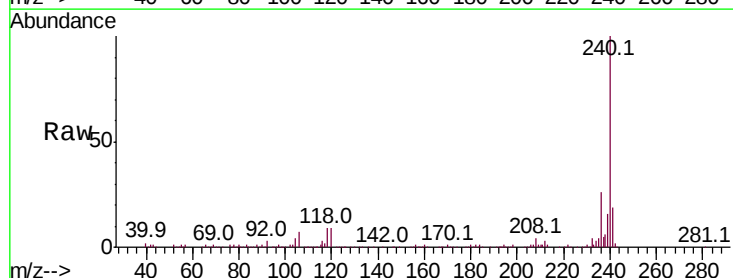
Tgt Ion:240 Resp: 311428

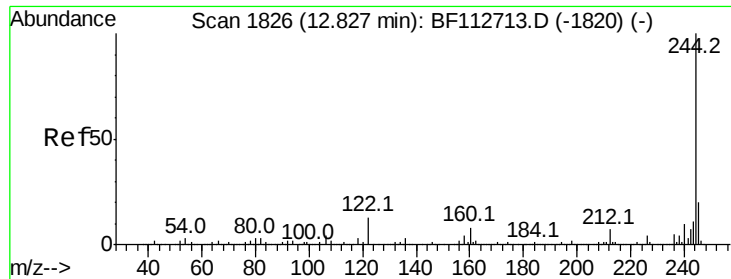
Ion Ratio Lower Upper

240 100

120 9.4 8.9 13.3

236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 69.007 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113120.D

Acq: 19 Mar 2019 5:30

Instrument :

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PST-025-B033-031319

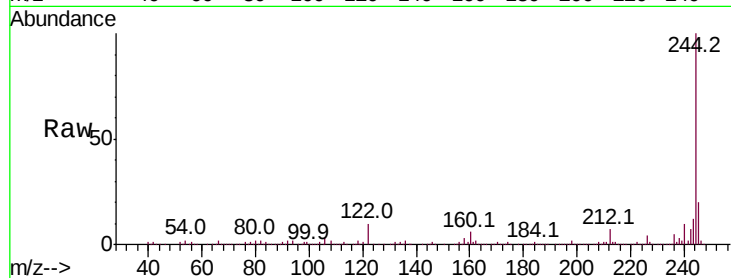
Tot Ion:244 Resp: 1108627

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

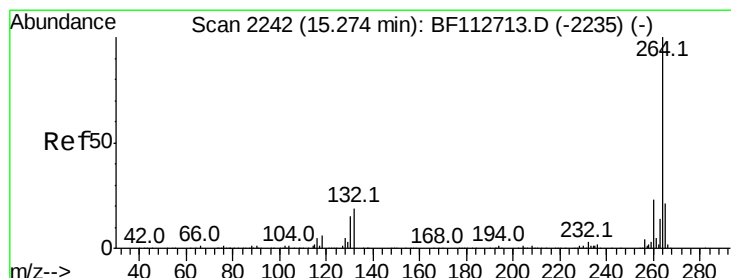
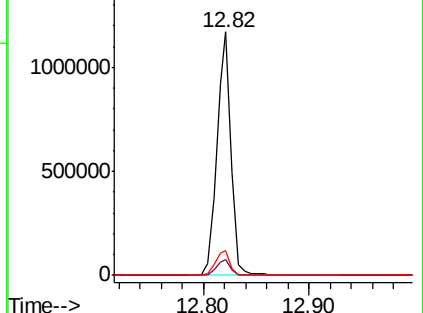
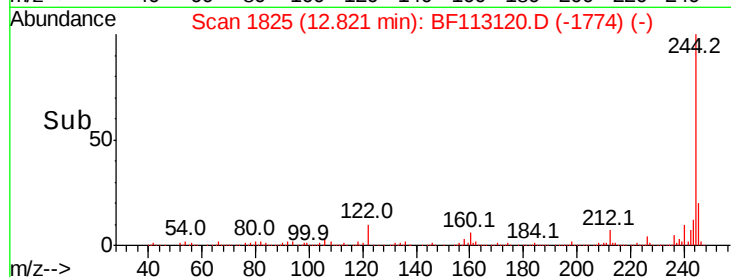
122 10.3 10.5 15.7#



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113120.D

Acq: 19 Mar 2019 5:30

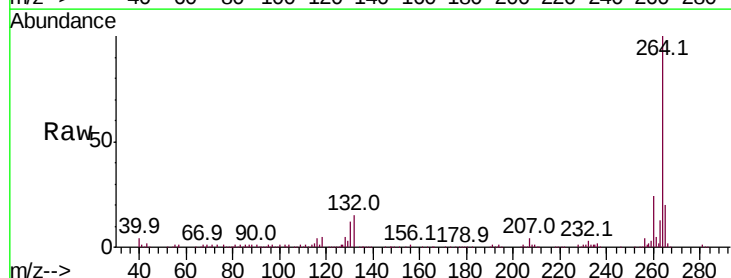
Tgt Ion:264 Resp: 216554

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 20.4 17.2 25.8



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

