

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
 Data File : BF113113.D
 Acq On : 19 Mar 2019 2:19
 Operator : JU/SJ
 Sample : K1947-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-028-B098-031219

Quant Time: Mar 19 07:07:47 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

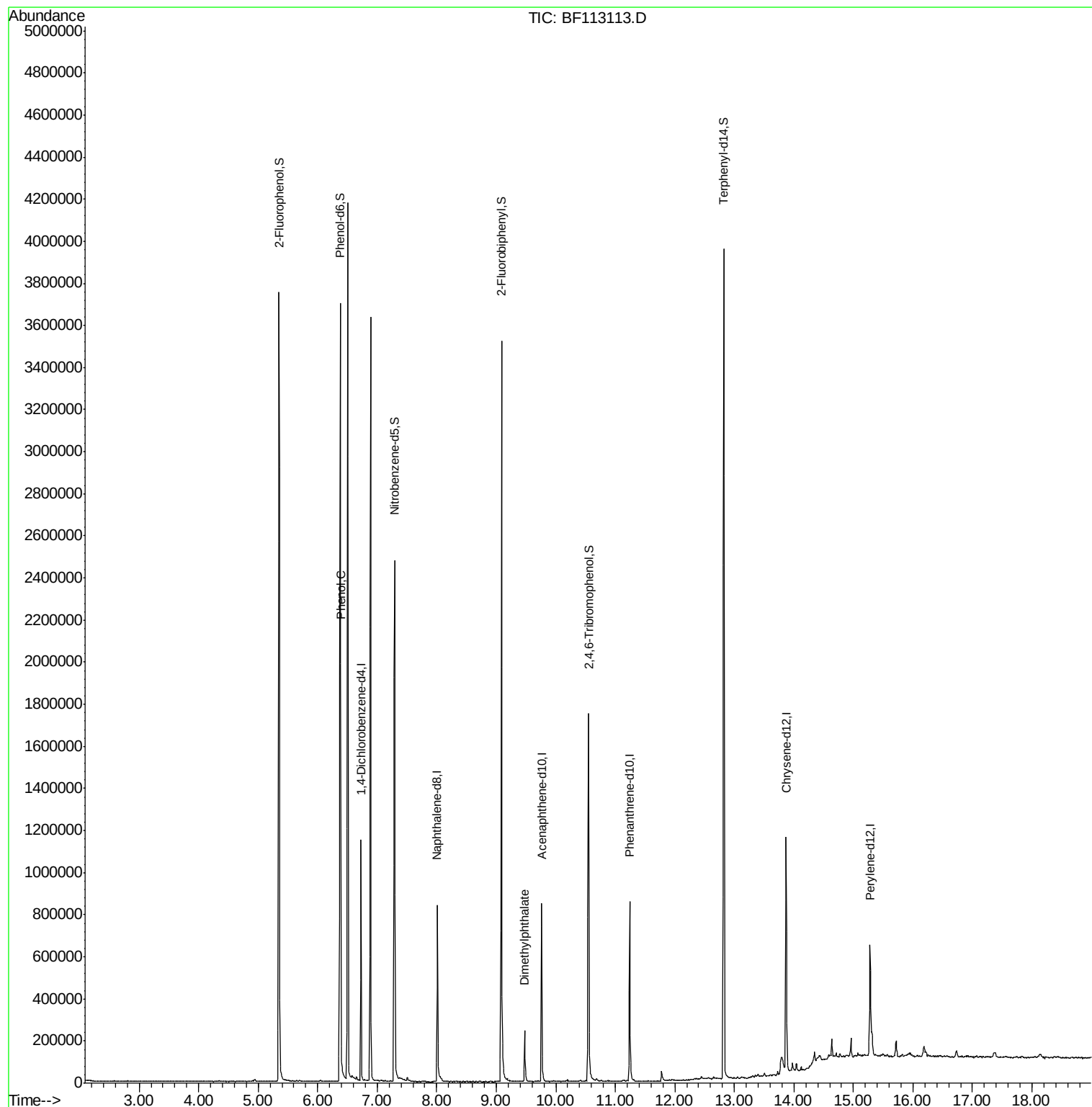
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	165570	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	445714	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	191988	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	361057	20.00	ng	0.00
76) Chrysene-d12	13.87	240	437883	20.00	ng	0.00
87) Perylene-d12	15.28	264	294357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1188495	111.66	ng	0.00
7) Phenol-d6	6.38	99	1502086	112.34	ng	0.00
23) Nitrobenzene-d5	7.29	82	883467	118.61	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	291822	143.18	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1212604	115.32	ng	0.00
79) Terphenyl-d14	12.82	244	1456822	64.49	ng	0.00
Target Compounds						
10) Phenol	6.39	94	114041	7.309	ng	89
50) Dimethylphthalate	9.48	163	125285	8.850	ng	97

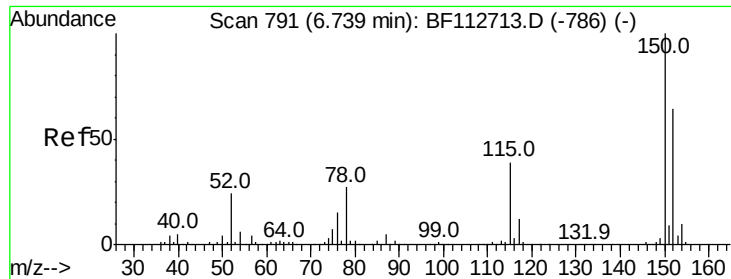
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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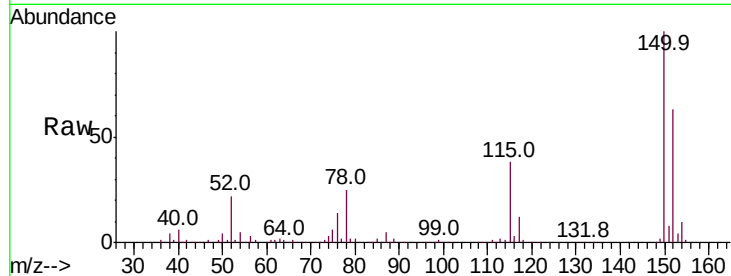


#1

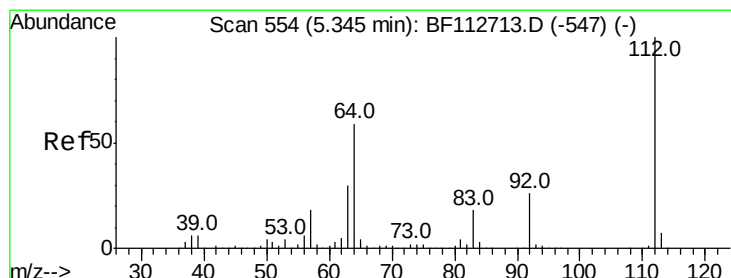
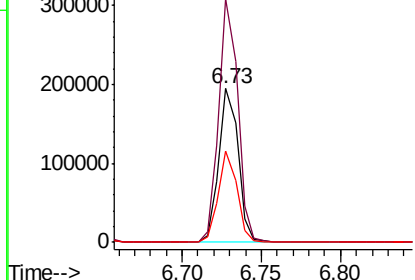
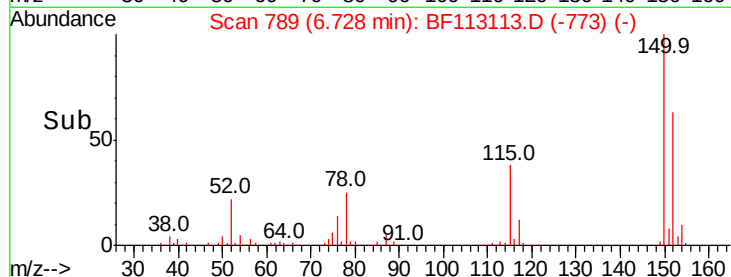
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

Instrument :
BNA_F
ClientSampleId :
PST-028-B098-031219

Tot Ion:152 Resp: 165570
Ion Ratio Lower Upper
152 100
150 158.2 124.2 186.2
115 59.3 48.2 72.4



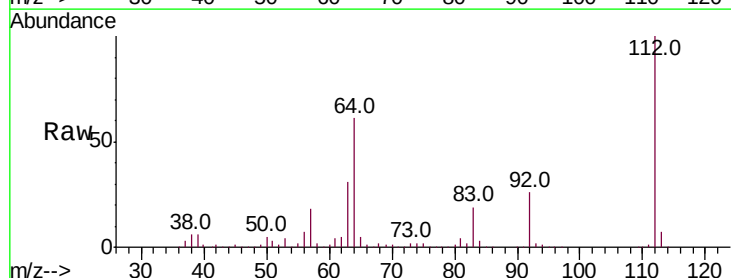
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



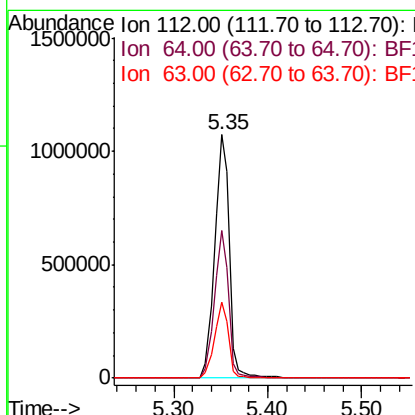
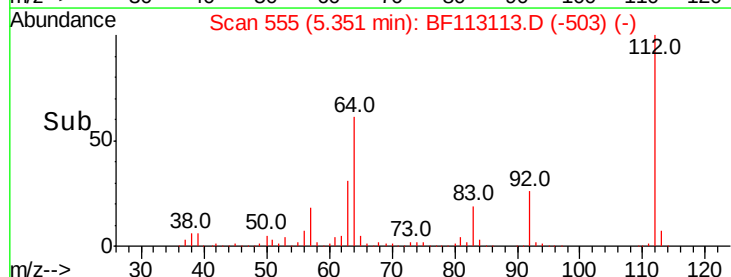
#5

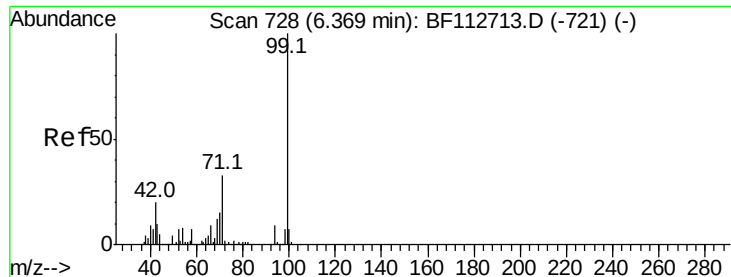
2-Fluorophenol
Concen: 111.660 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

Tgt Ion:112 Resp: 1188495
Ion Ratio Lower Upper
112 100
64 60.7 47.6 71.4
63 31.2 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: 112.344 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113113.D

Acq: 19 Mar 2019 2:19

Instrument :

BNA_F

ClientSampleId :

PST-028-B098-031219

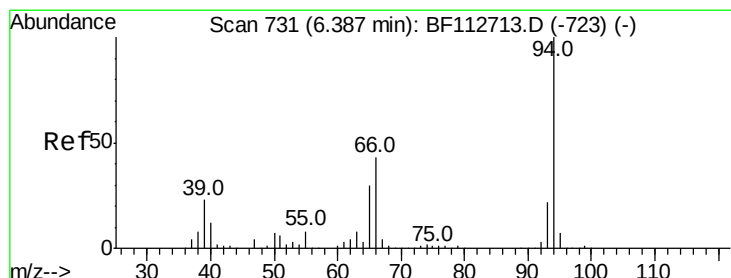
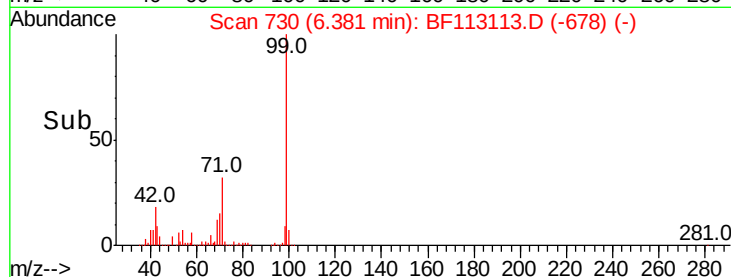
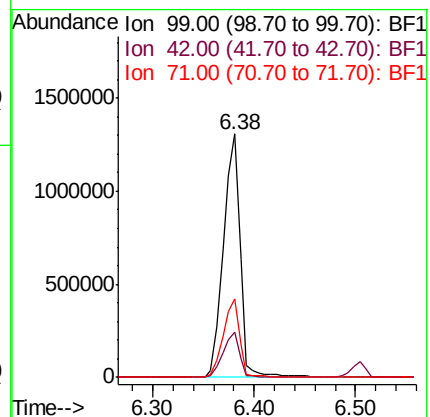
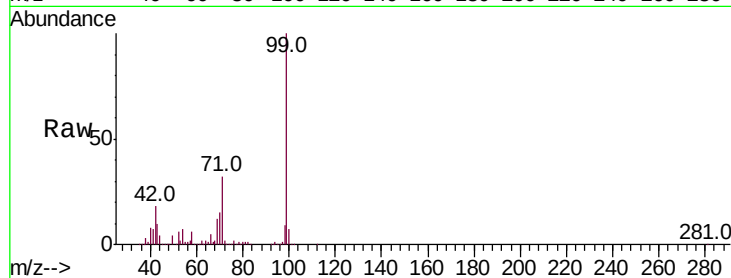
Tot Ion: 99 Resp: 1502086

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

71 32.5 26.2 39.4



#10

Phenol

Concen: 7.309 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF113113.D

Acq: 19 Mar 2019 2:19

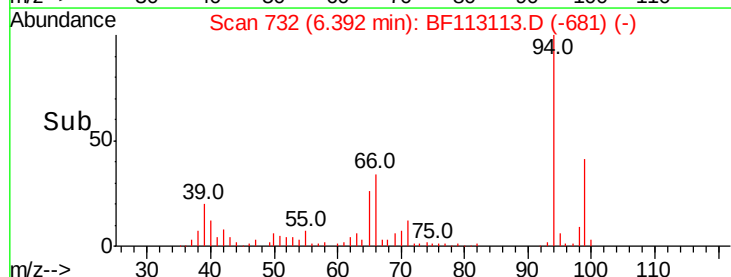
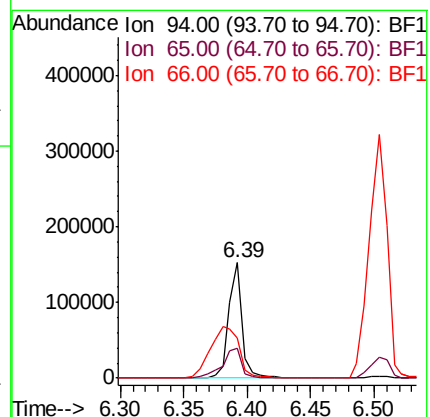
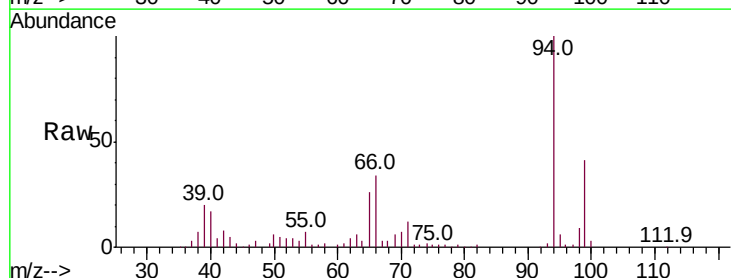
Tgt Ion: 94 Resp: 114041

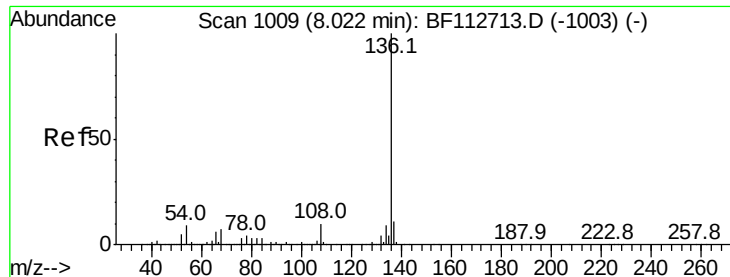
Ion Ratio Lower Upper

94 100

65 25.8 10.5 50.5

66 34.5 22.6 62.6

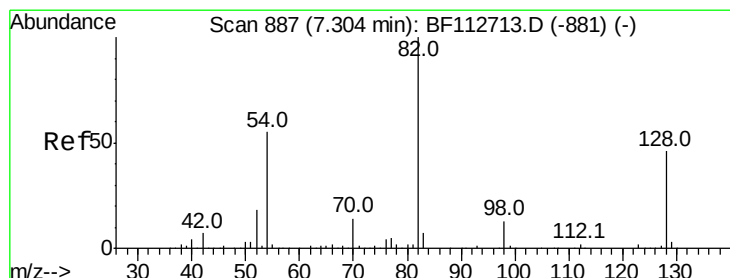
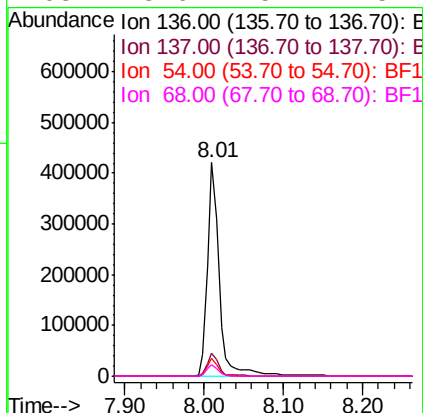
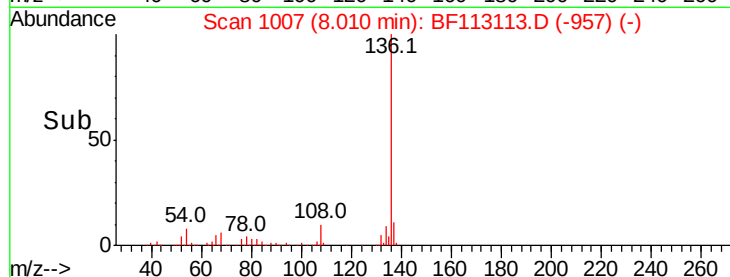
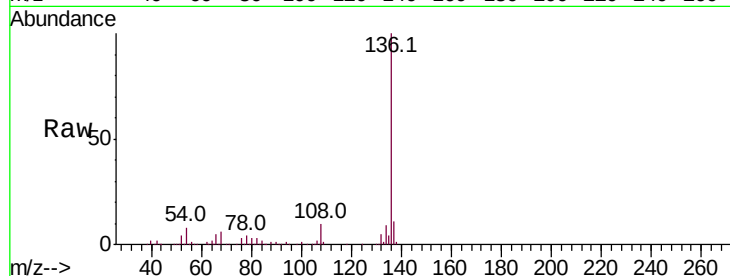




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

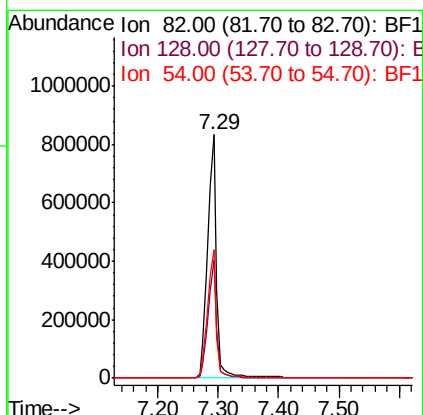
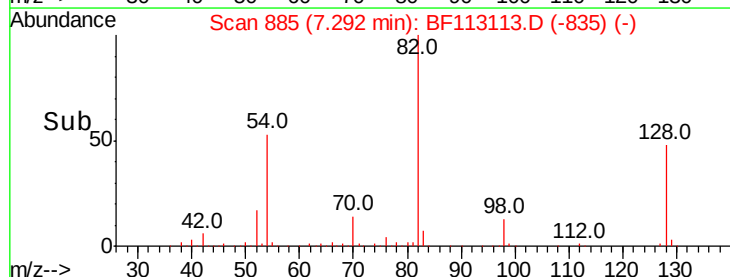
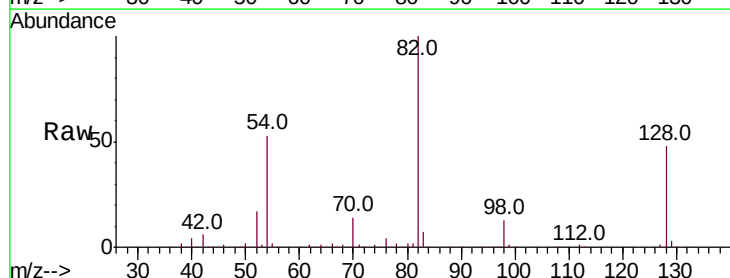
Instrument :
BNA_F
ClientSampleId :
PST-028-B098-031219

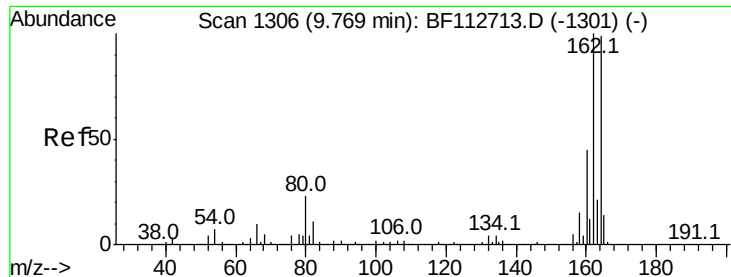
Tot Ion:	136	Resp:	445714
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.3	7.3	10.9
68	5.6	5.4	8.2



#23
Nitrobenzene-d5
Concen: 118.607 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

Tgt Ion:	82	Resp:	883467
Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.3	54.5
54	52.8	43.7	65.5

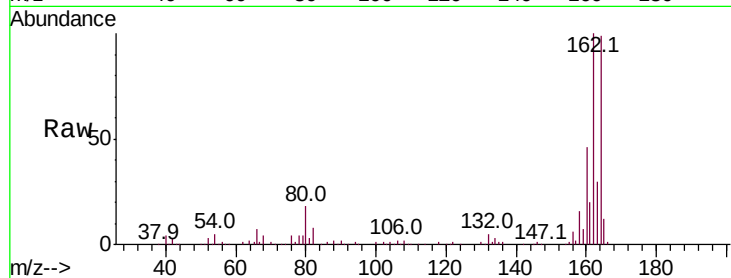




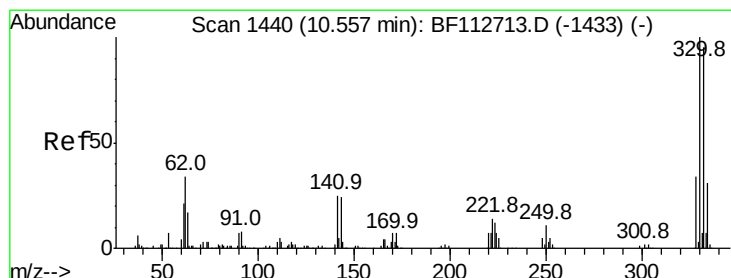
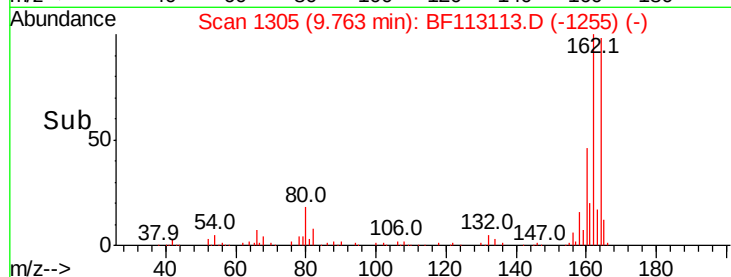
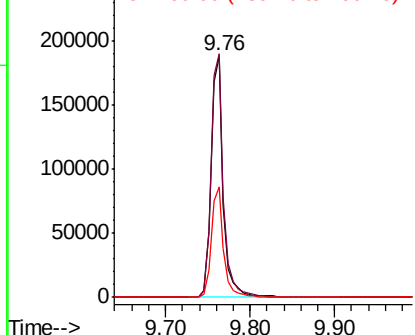
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

Instrument :
BNA_F
ClientSampleId :
PST-028-B098-031219

Tot Ion:164 Resp: 191988
Ion Ratio Lower Upper
164 100
162 100.9 80.6 120.8
160 46.0 36.0 54.0

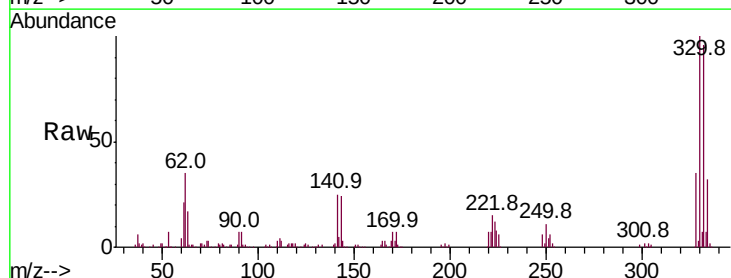


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

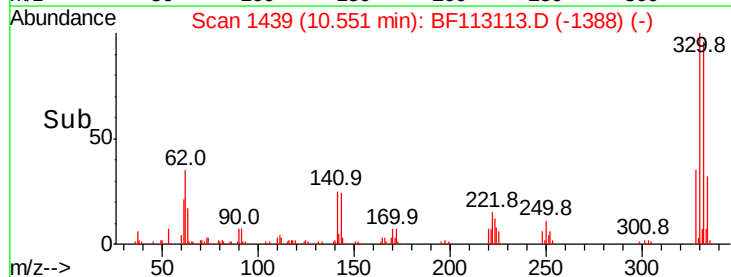
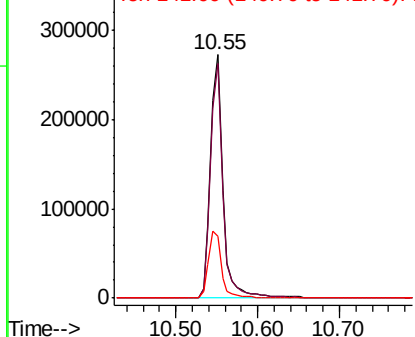


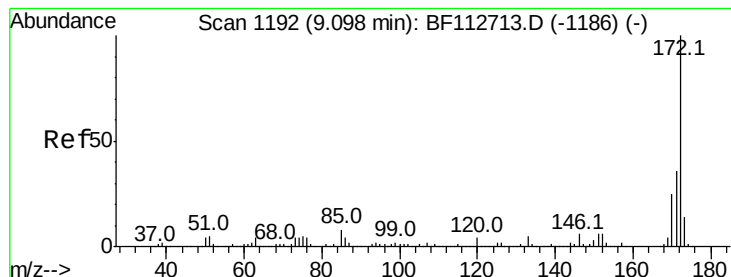
#42
2,4,6-Tribromophenol
Concen: 143.177 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

Tgt Ion:330 Resp: 291822
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 28.9 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: 115.319 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF113113.D

Acq: 19 Mar 2019 2:19

Instrument :

BNA_F

ClientSampleId :

PST-028-B098-031219

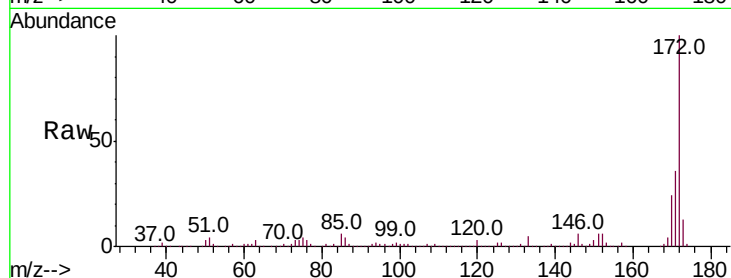
Tot Ion:172 Resp: 1212604

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

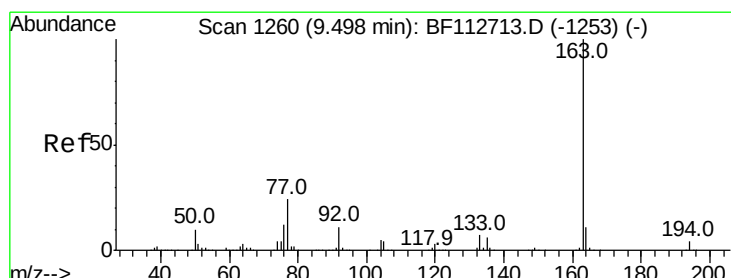
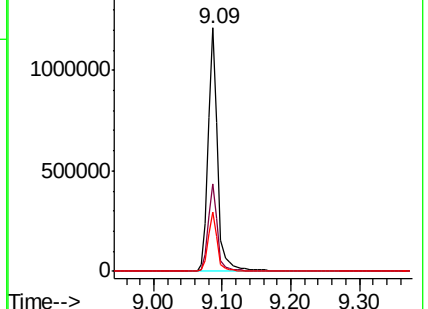
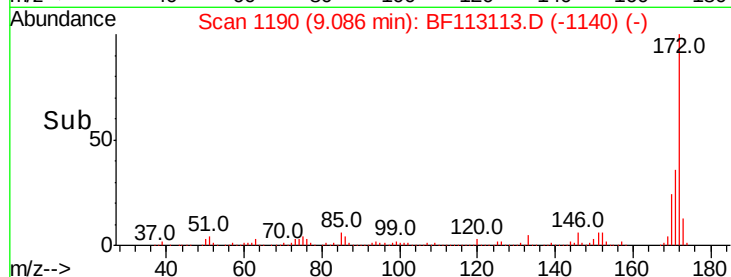
170 24.4 20.0 30.0



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: 8.850 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113113.D

Acq: 19 Mar 2019 2:19

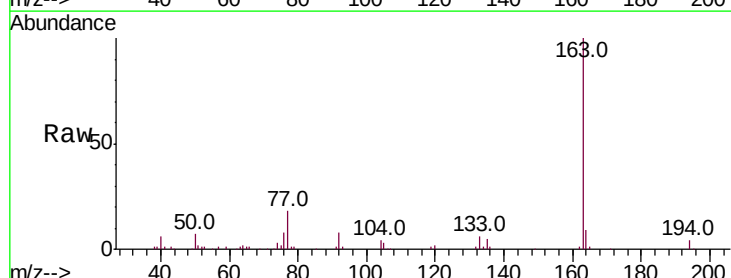
Tgt Ion:163 Resp: 125285

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

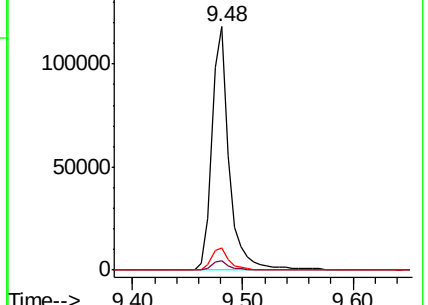
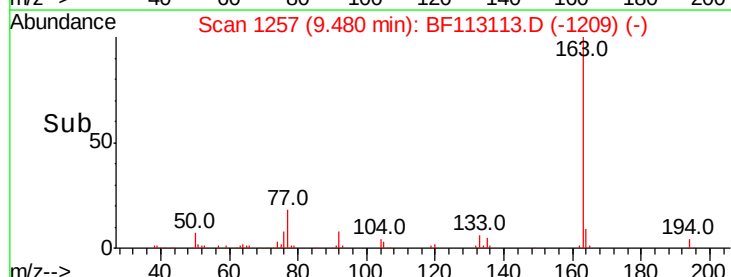
164 9.1 8.4 12.6

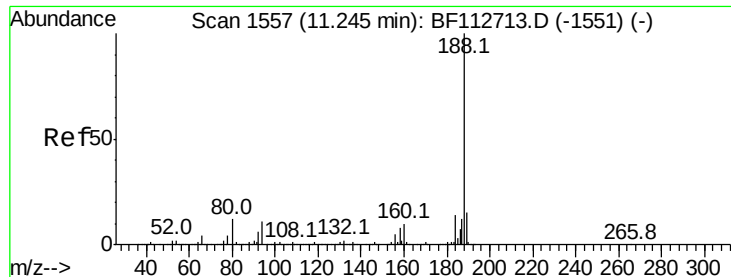


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

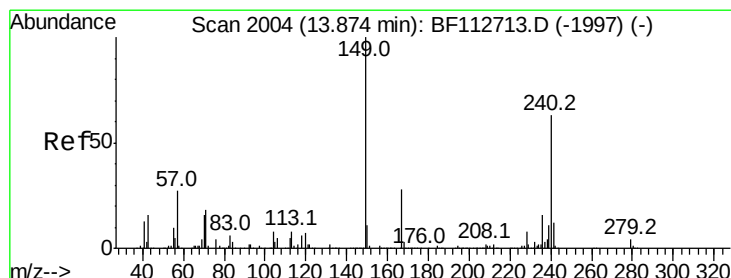
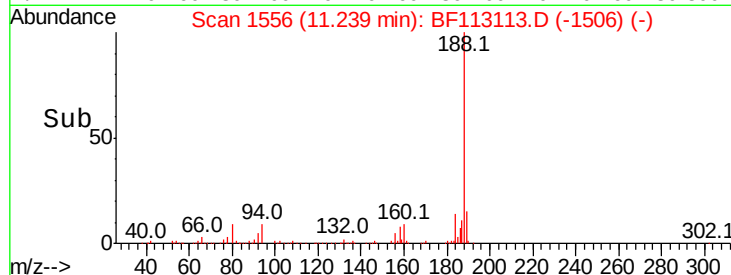
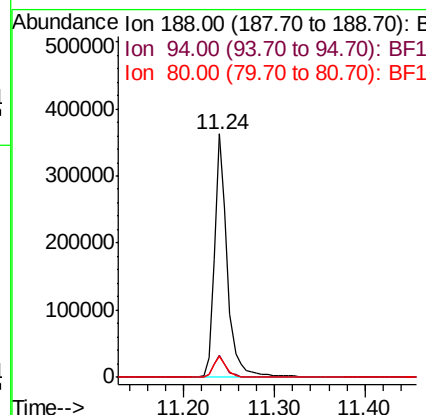
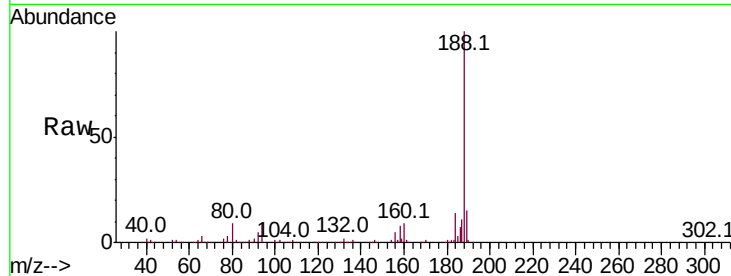




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

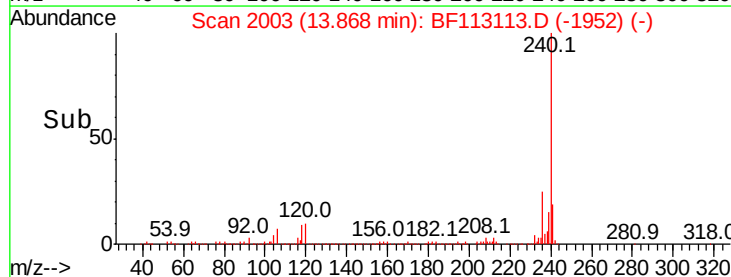
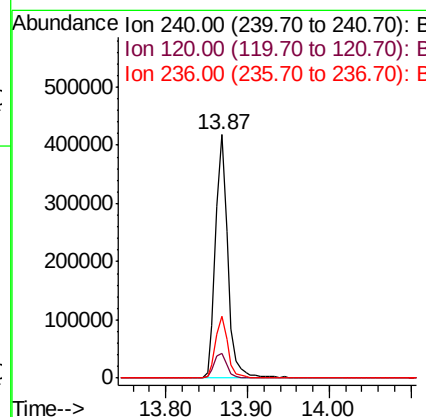
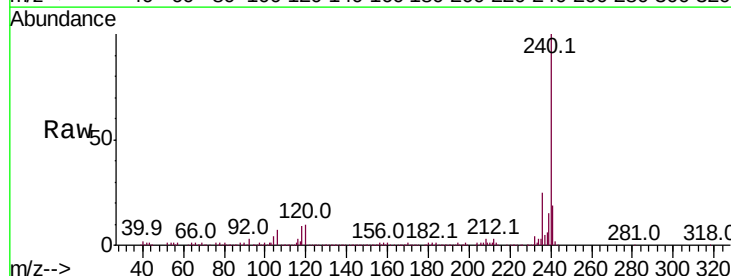
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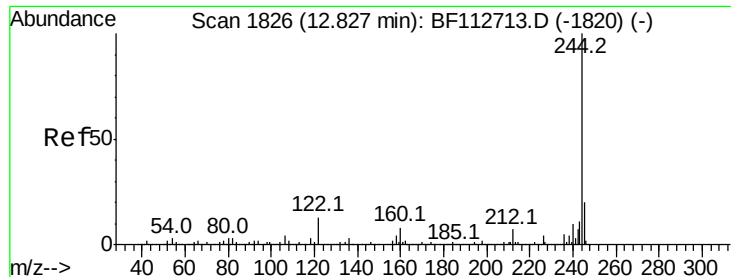
Tot Ion:188 Resp: 361057
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.4
80 8.8 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113113.D
Acq: 19 Mar 2019 2:19

Tgt Ion:240 Resp: 437883
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.3 20.7 31.1





#79

Terphenyl-d14

Concen: 64.493 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113113.D

Acq: 19 Mar 2019 2:19

Instrument :

BNA_F

ClientSampleId :

PST-028-B098-031219

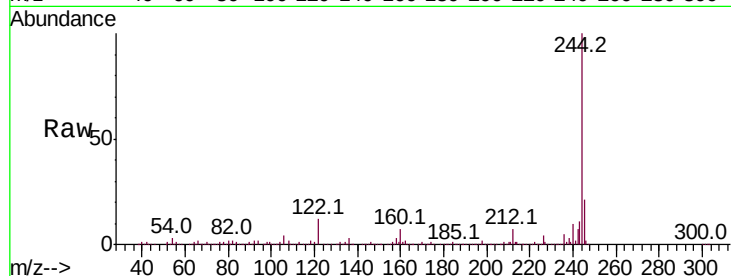
Tot Ion:244 Resp: 1456822

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

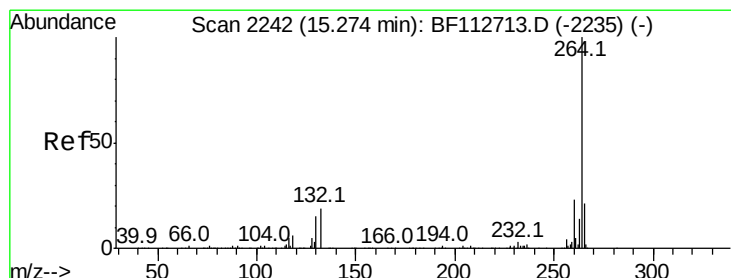
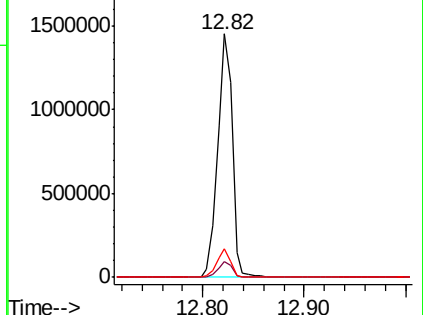
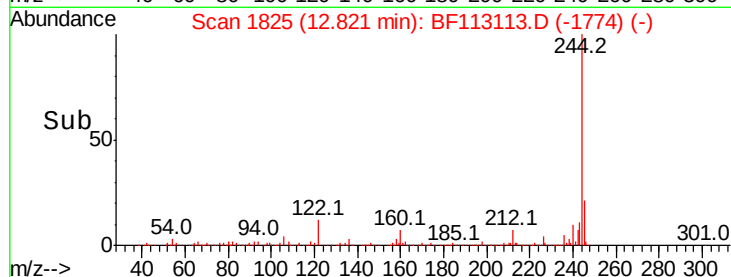
122 11.9 10.5 15.7



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: BF113113.D

Acq: 19 Mar 2019 2:19

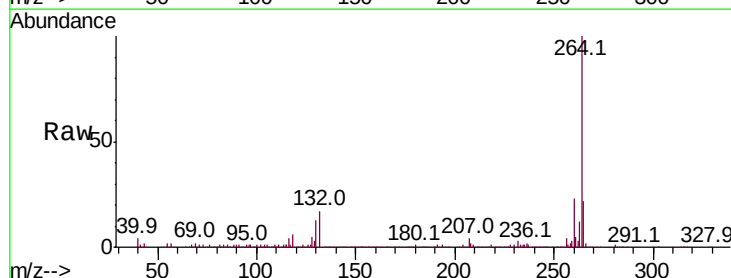
Tgt Ion:264 Resp: 294357

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.5 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

