

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
 Data File : BF111757.D
 Acq On : 27 Dec 2018 12:55
 Operator : JU/SJ
 Sample : J6446-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-1824-01

Quant Time: Dec 28 06:04:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

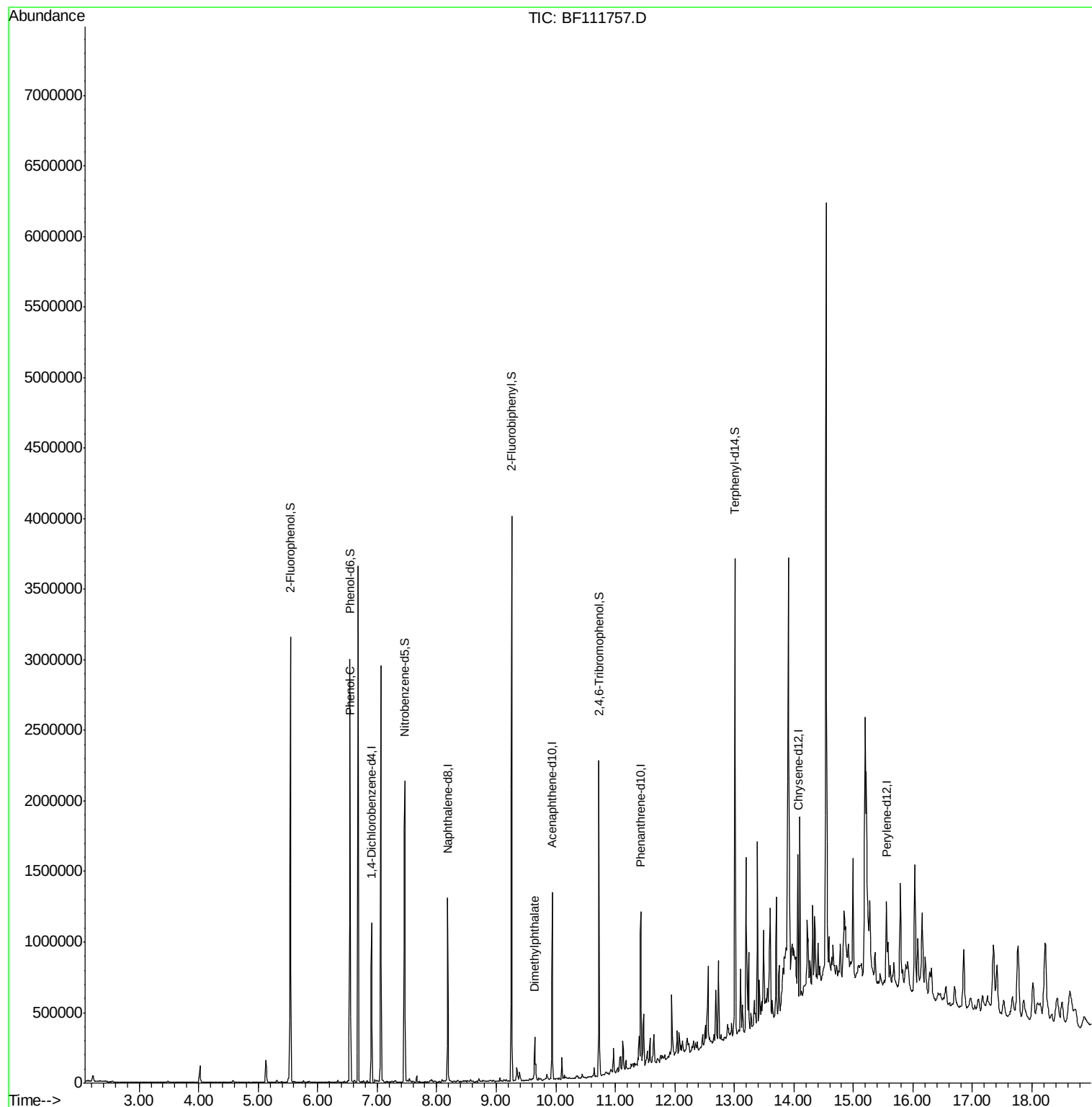
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	148593	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	531034	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	235522	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	383981	20.00	ng	0.01
76) Chrysene-d12	14.07	240	358512	20.00	ng	0.02
87) Perylene-d12	15.56	264	293604	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	818773	93.92	ng	0.03
7) Phenol-d6	6.55	99	1037630	93.53	ng	0.02
23) Nitrobenzene-d5	7.46	82	667479	73.16	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	255612	91.85	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1173142	72.60	ng	0.00
79) Terphenyl-d14	13.01	244	1059852	56.06	ng	0.01
Target Compounds						
10) Phenol	6.56	94	60899	4.865	ng	99
50) Dimethylphthalate	9.65	163	102644	5.960	ng	99

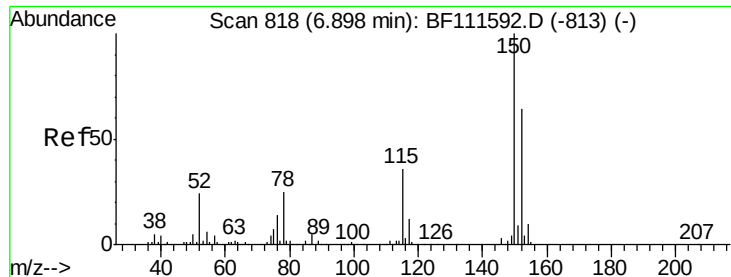
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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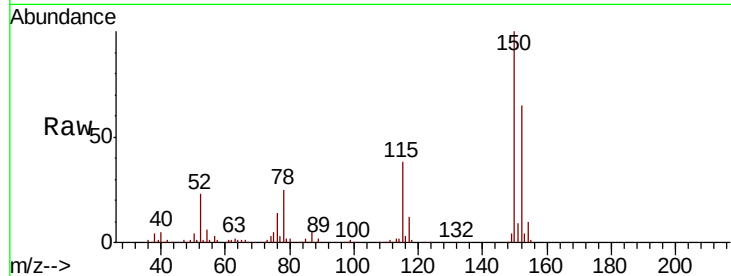


#1

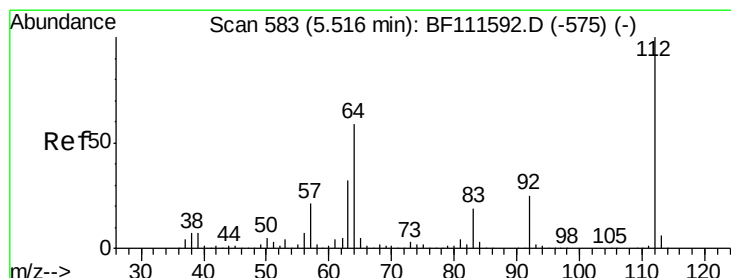
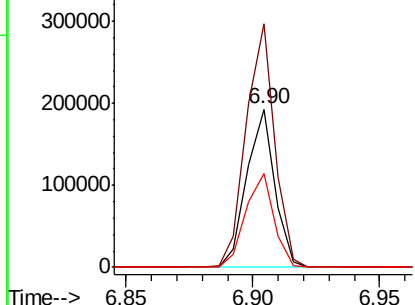
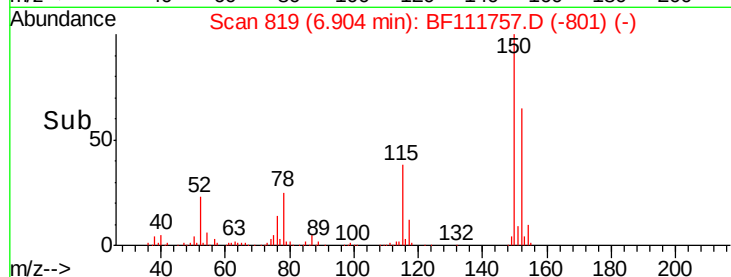
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111757.D
Acq: 27 Dec 2018 12:55

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1824-01

Tot Ion:152 Resp: 148593
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 59.0 50.7 76.1



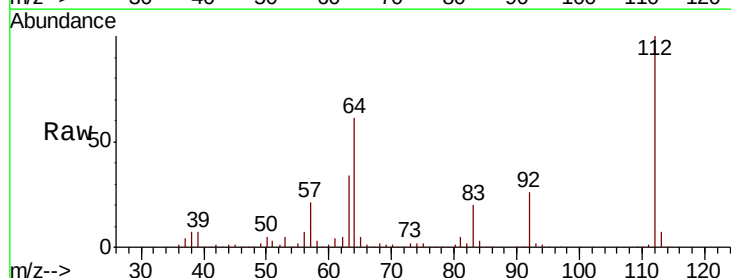
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



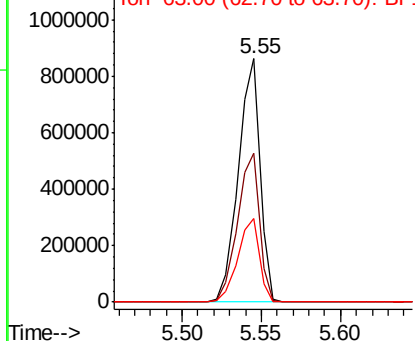
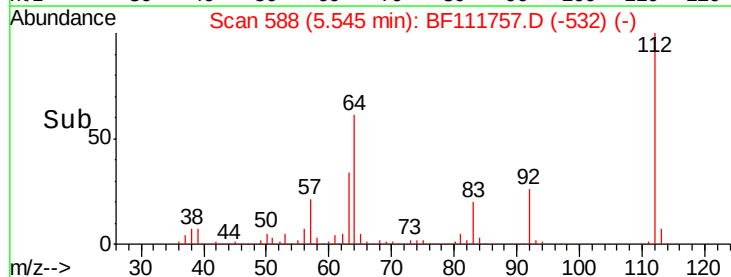
#5

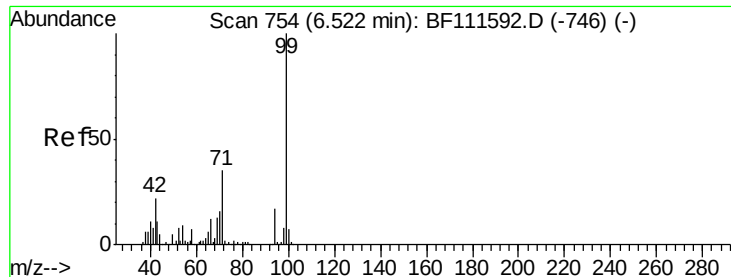
2-Fluorophenol
Concen: 93.923 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111757.D
Acq: 27 Dec 2018 12:55

Tgt Ion:112 Resp: 818773
Ion Ratio Lower Upper
112 100
64 61.2 51.8 77.6
63 34.3 26.8 40.2



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: 93.528 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

Instrument :

BNA_F

ClientSampleId :

P001-SS021-1824-01

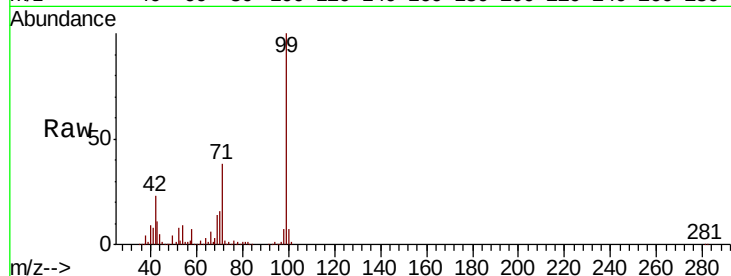
Tot Ion: 99 Resp: 1037630

Ion Ratio Lower Upper

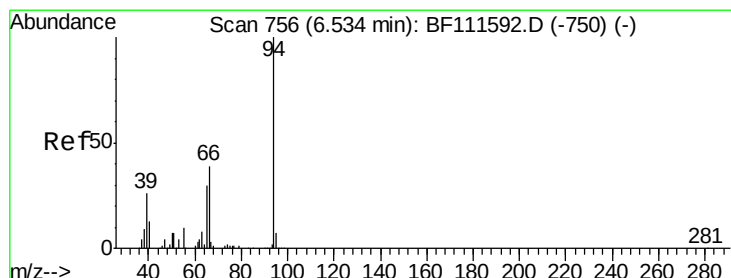
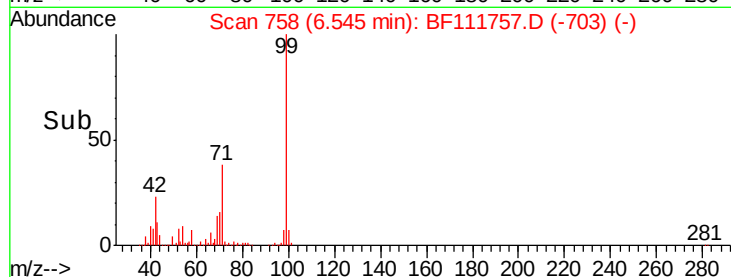
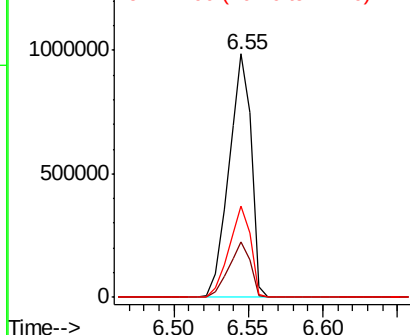
99 100

42 22.9 17.4 26.0

71 37.7 26.1 39.1



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: 4.865 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

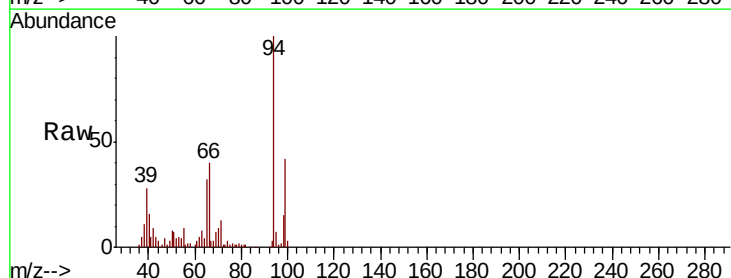
Tgt Ion: 94 Resp: 60899

Ion Ratio Lower Upper

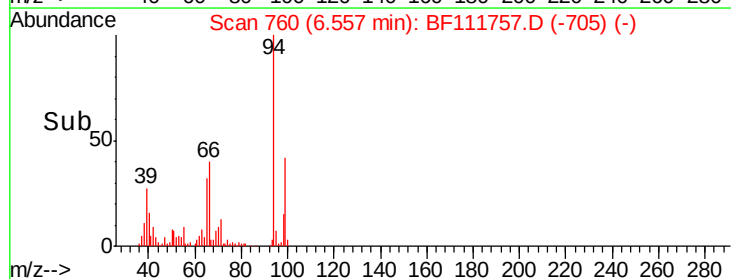
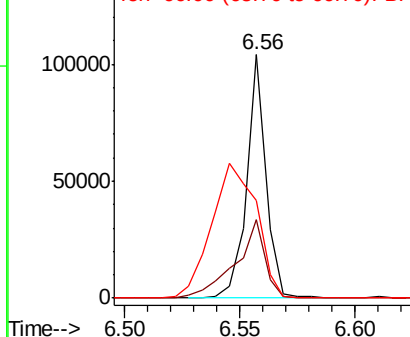
94 100

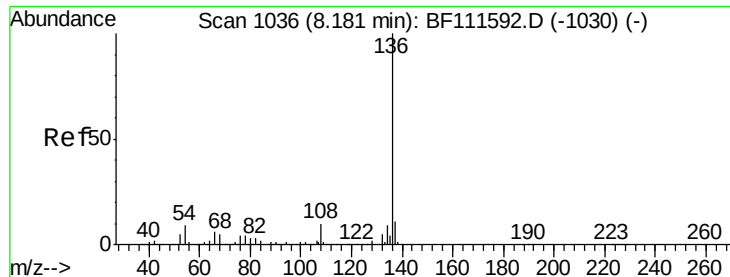
65 32.0 11.7 51.7

66 40.4 21.0 61.0



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

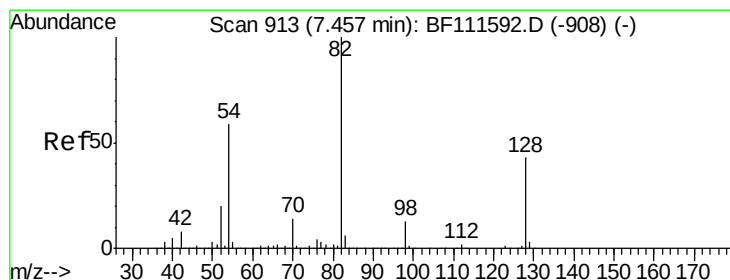
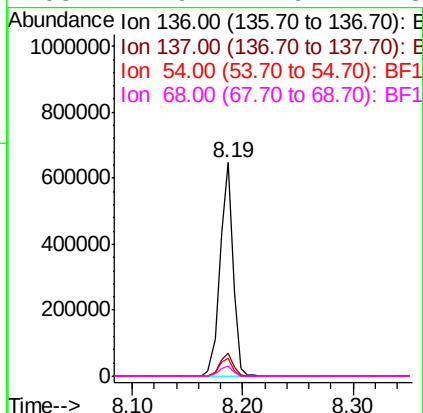
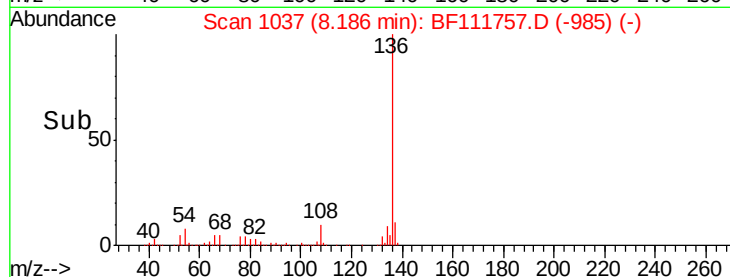
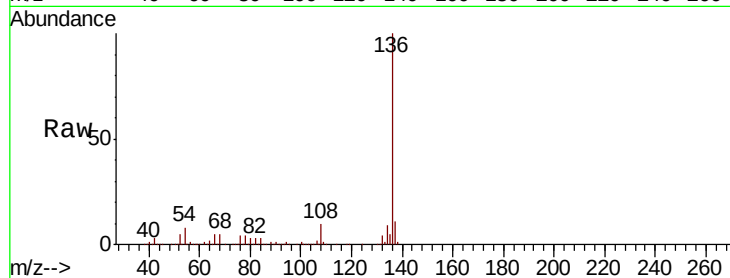




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111757.D
Acq: 27 Dec 2018 12:55

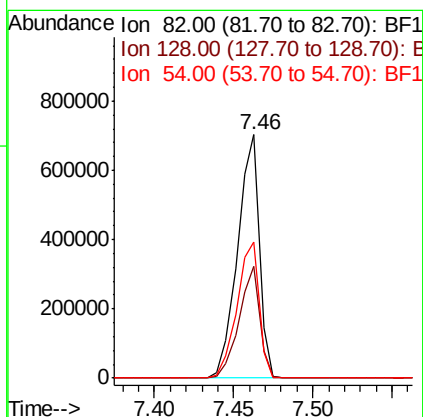
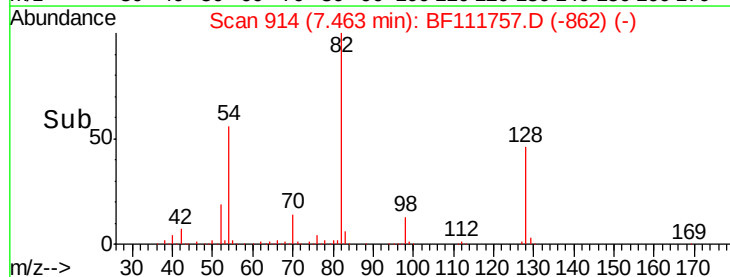
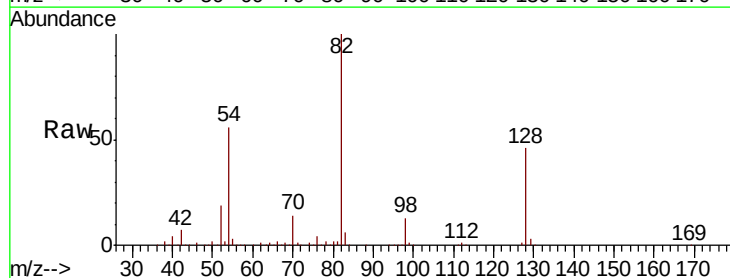
Instrument :
BNA_F
ClientSampleId :
P001-SS021-1824-01

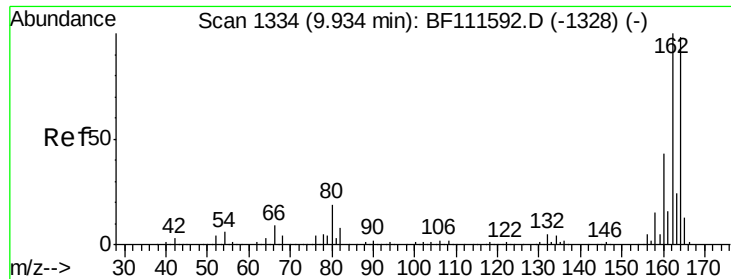
Tot Ion:136	Resp:	531034
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.1 13.7
54	8.4	7.7 11.5
68	4.9	4.9 7.3



#23
Nitrobenzene-d5
Concen: 73.164 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111757.D
Acq: 27 Dec 2018 12:55

Tgt Ion: 82	Resp:	667479
Ion Ratio	Lower	Upper
82	100	
128	45.9	37.4 56.2
54	55.8	47.6 71.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

Instrument :

BNA_F

ClientSampleId :

P001-SS021-1824-01

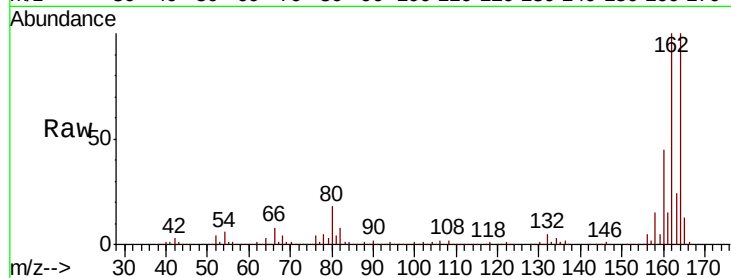
Tot Ion:164 Resp: 235522

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

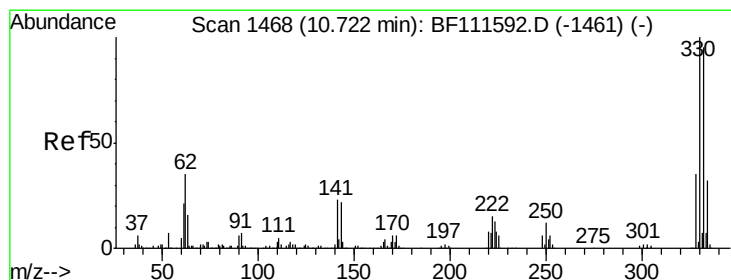
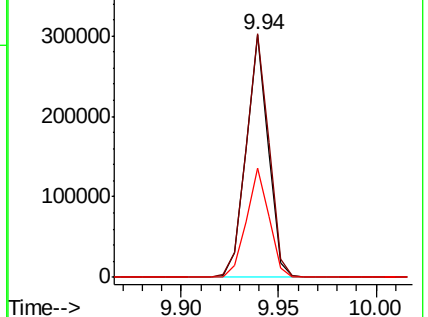
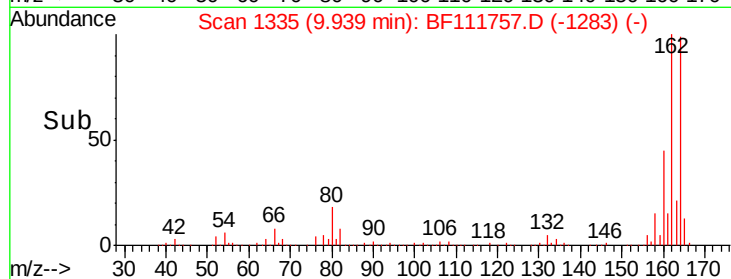
160 45.3 35.7 53.5



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: 91.852 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

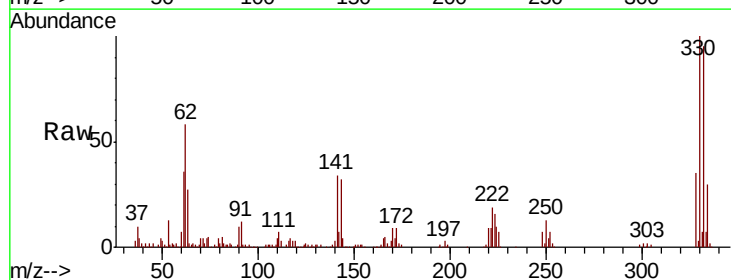
Tgt Ion:330 Resp: 255612

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

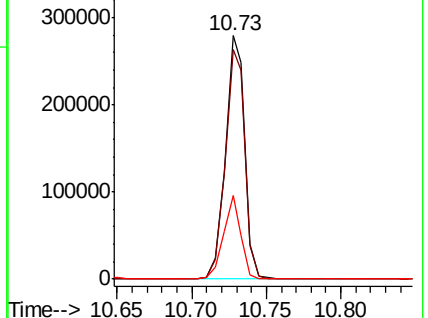
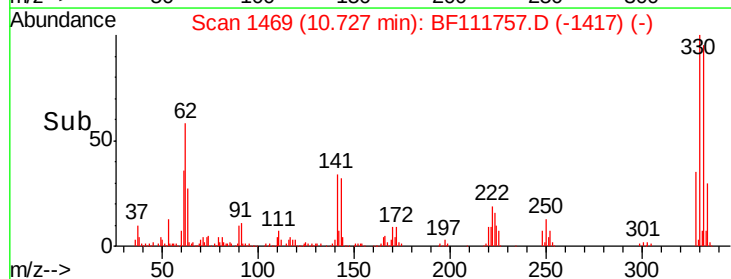
141 31.3 31.0 46.6

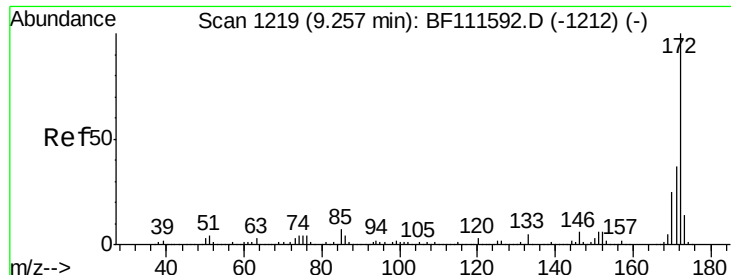


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



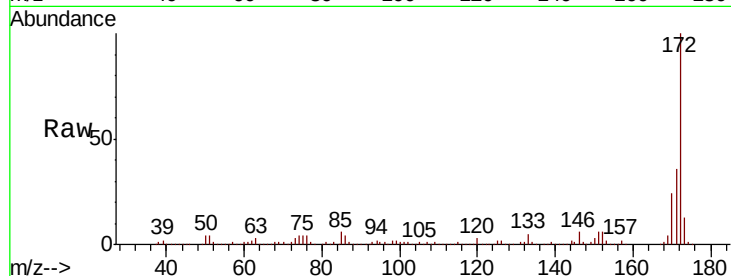


#45
2-Fluorobiphenyl
Concen: 72.602 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111757.D
Acq: 27 Dec 2018 12:55

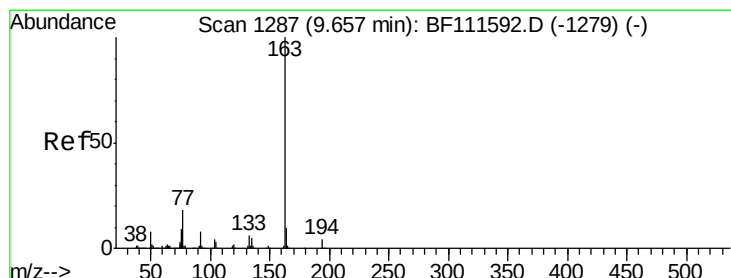
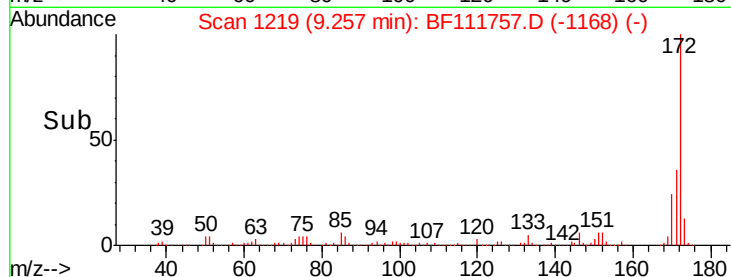
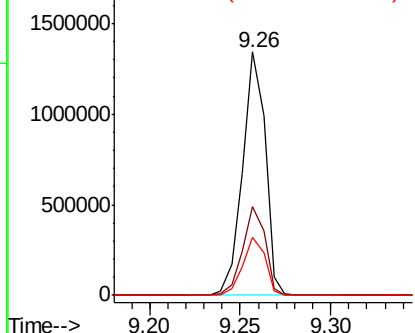
Instrument :
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P001-SS021-1824-01

Tot Ion:172 Resp: 1173142

Ion	Ratio	Lower	Upper
172	100		
171	36.5	33.0	49.4
170	23.9	22.3	33.5



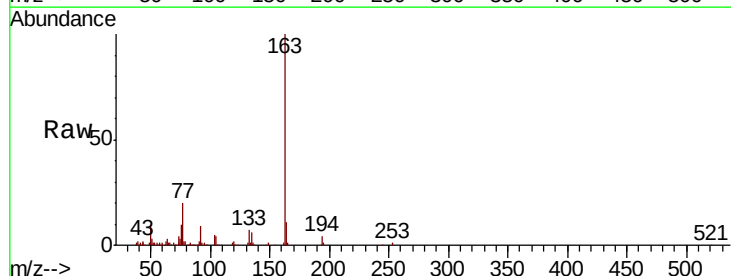
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



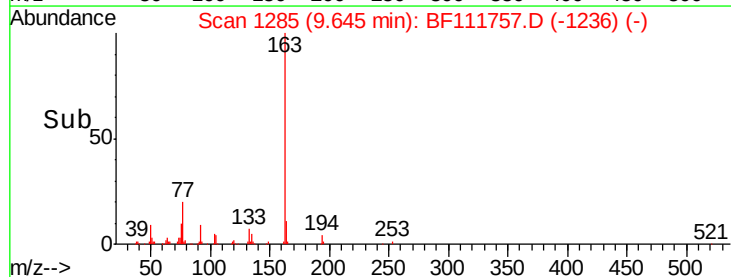
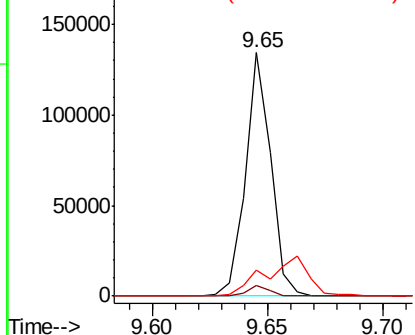
#50
Dimethylphthalate
Concen: 5.960 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111757.D
Acq: 27 Dec 2018 12:55

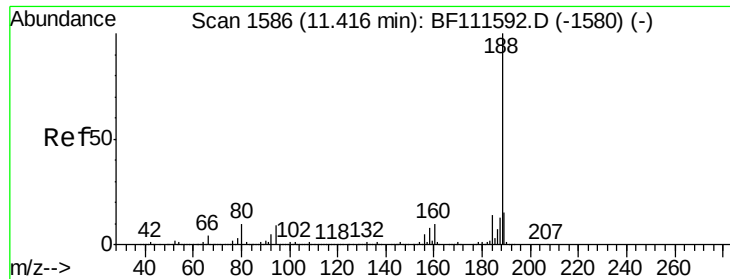
Tgt Ion:163 Resp: 102644

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	10.5	8.9	13.3



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: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

Instrument :

BNA_F

ClientSampleId :

P001-SS021-1824-01

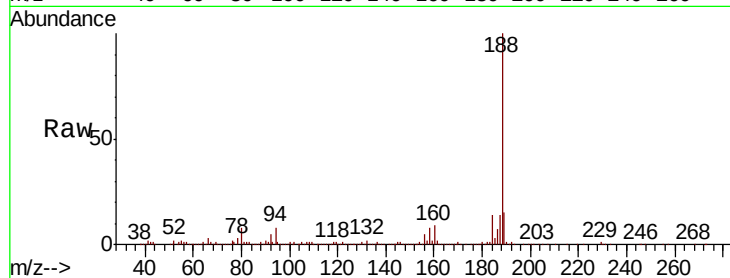
Tot Ion:188 Resp: 383981

Ion Ratio Lower Upper

188 100

94 7.8 9.6 14.4#

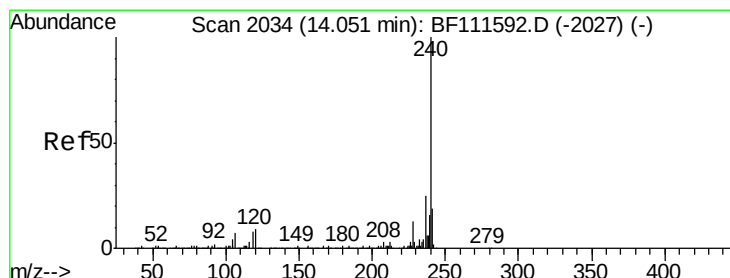
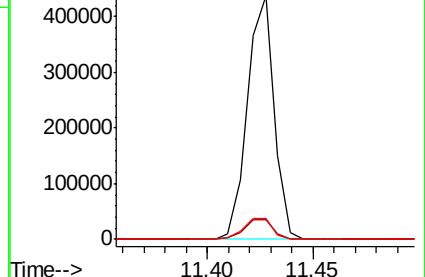
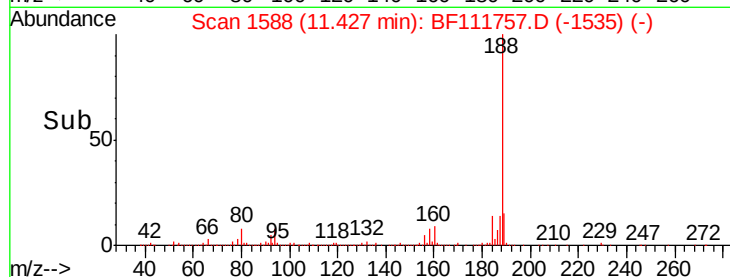
80 8.5 9.8 14.6#



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: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

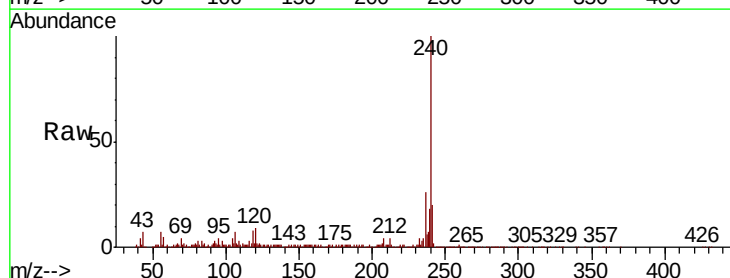
Tgt Ion:240 Resp: 358512

Ion Ratio Lower Upper

240 100

120 9.1 12.2 18.2#

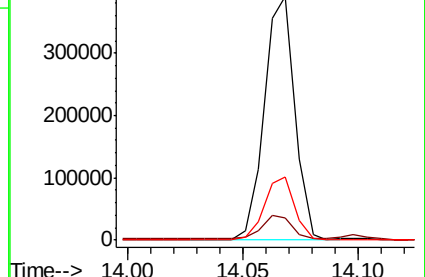
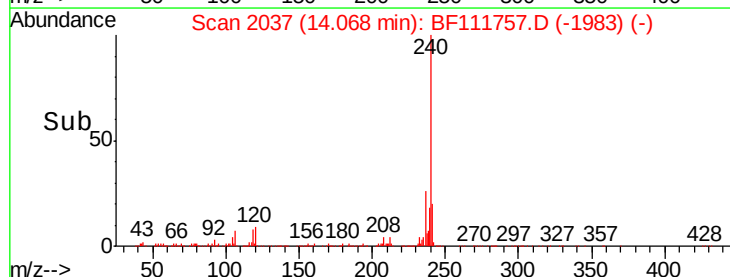
236 26.2 20.2 30.2

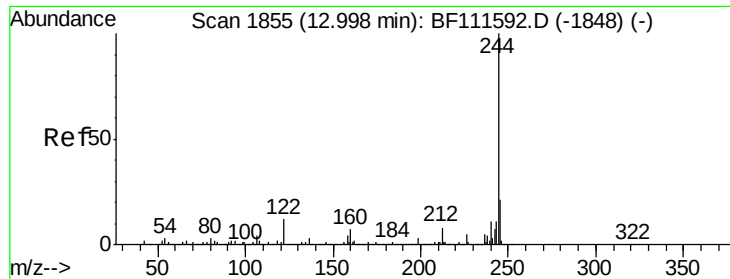


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 56.063 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

Instrument :

BNA_F

ClientSampleId :

P001-SS021-1824-01

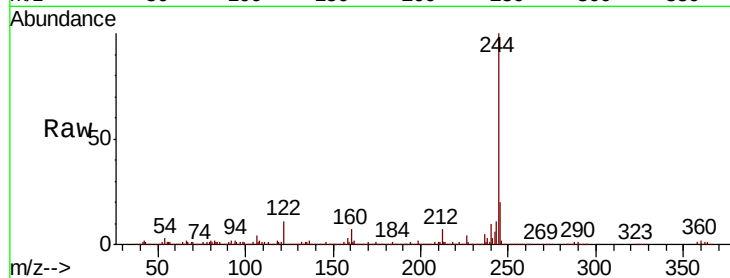
Tot Ion:244 Resp: 1059852

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

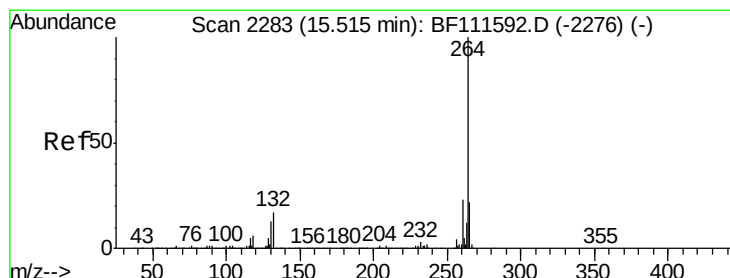
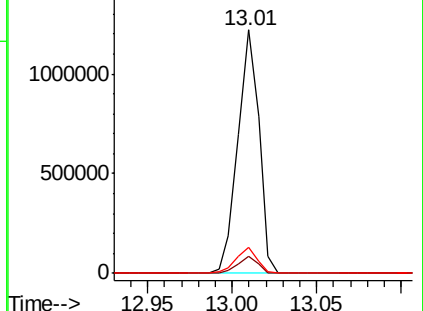
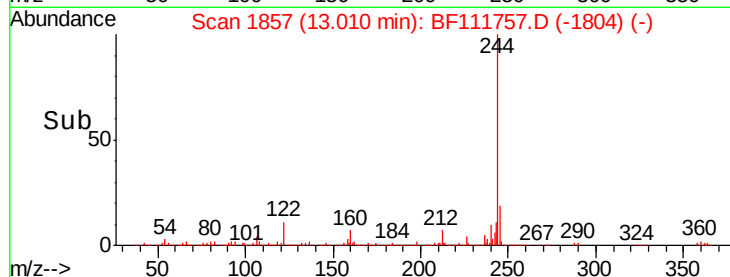
122 10.9 13.1 19.7#



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: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

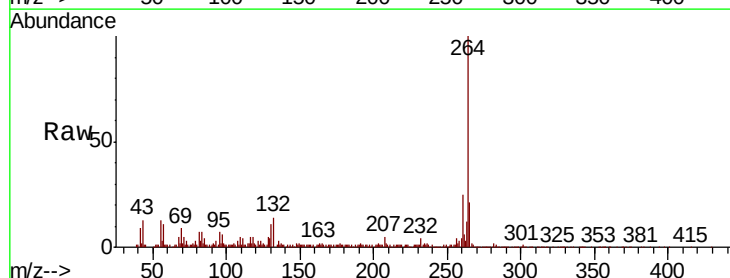
Tgt Ion:264 Resp: 293604

Ion Ratio Lower Upper

264 100

260 24.8 18.3 27.5

265 21.5 17.7 26.5



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

