

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110148.D
 Acq On : 25 Oct 2018 7:21
 Operator : JU/SJ
 Sample : J5640-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102218-DBRI-F-U-S

Quant Time: Oct 25 09:36:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

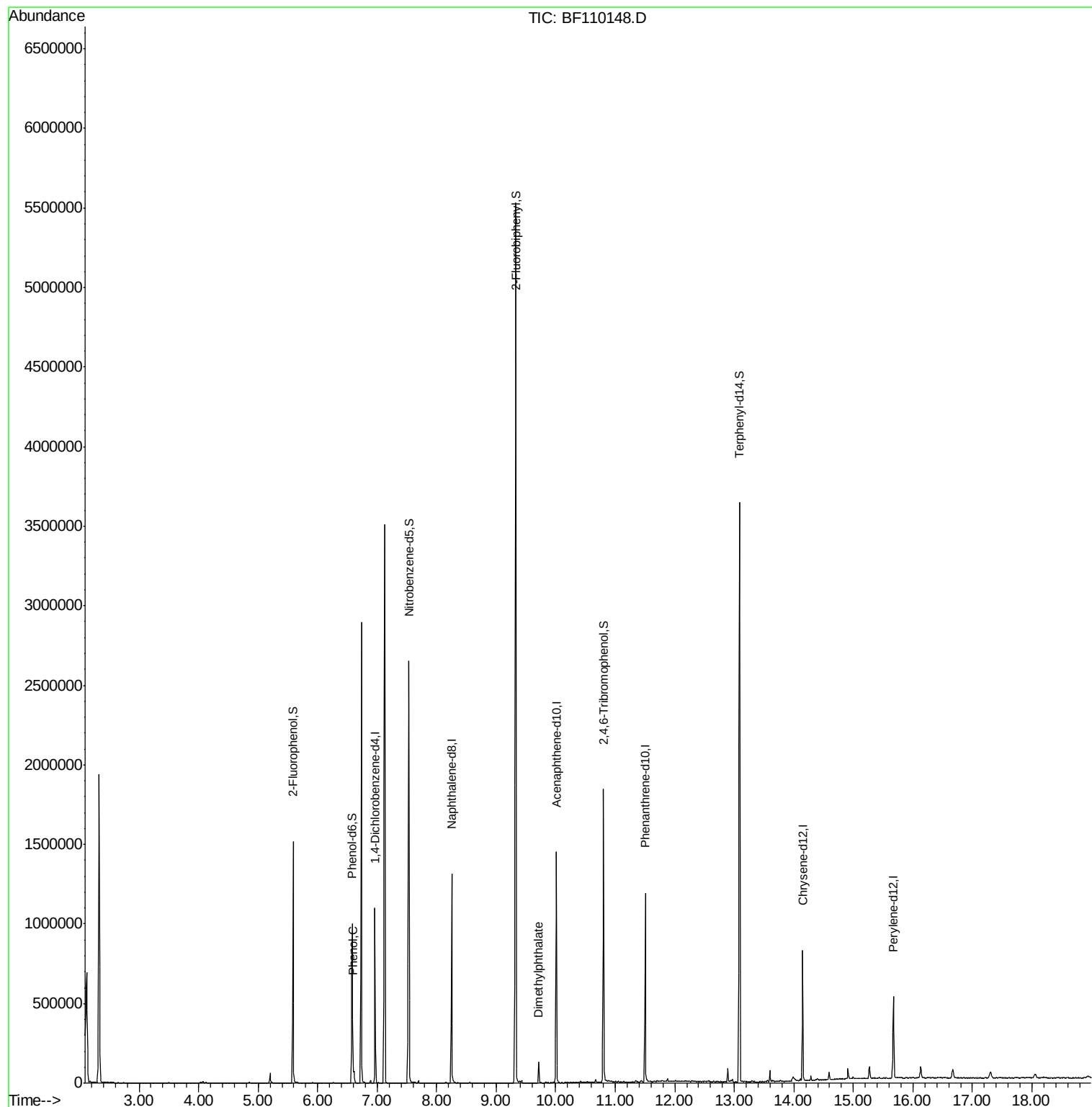
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	160153	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	612103	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	274027	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	450103	20.00	ng	0.00
76) Chrysene-d12	14.14	240	271395	20.00	ng	0.00
87) Perylene-d12	15.67	264	210312	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	388893	39.54	ng	0.00
7) Phenol-d6	6.58	99	301865	24.00	ng	0.00
23) Nitrobenzene-d5	7.53	82	973435	94.33	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	219250	80.77	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1707340	97.84	ng	0.00
79) Terphenyl-d14	13.09	244	1257022	96.33	ng	0.00
Target Compounds						
10) Phenol	6.59	94	33008	2.455	ng	Qvalue # 64
50) Dimethylphthalate	9.72	163	57508	2.843	ng	99

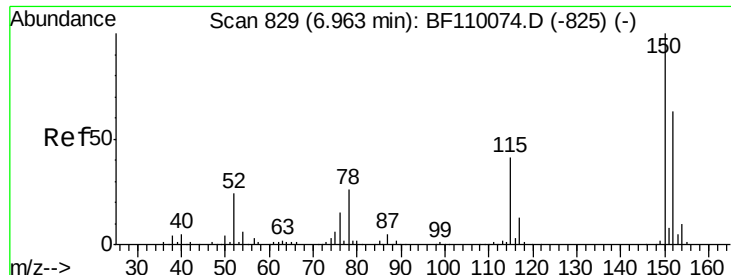
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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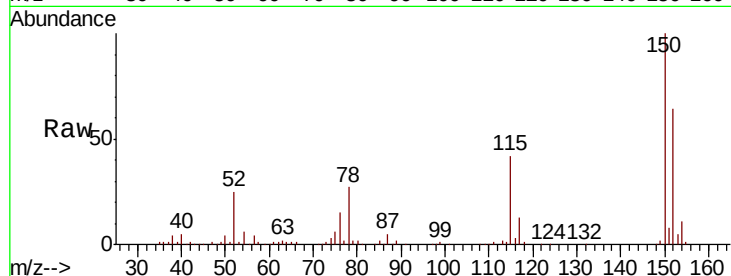


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

Instrument :
BNA_F
ClientSampleId :
102218-DBRI-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	65.3	49.1	73.7

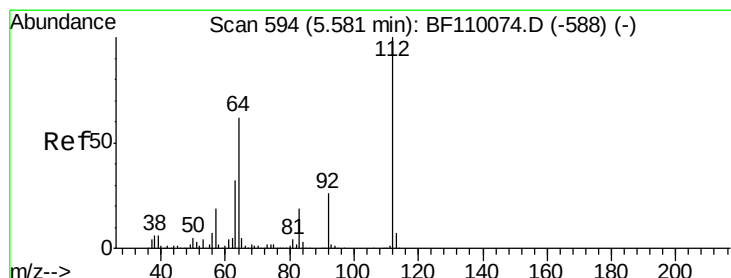
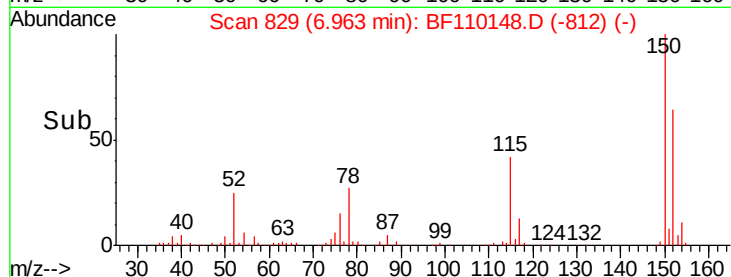
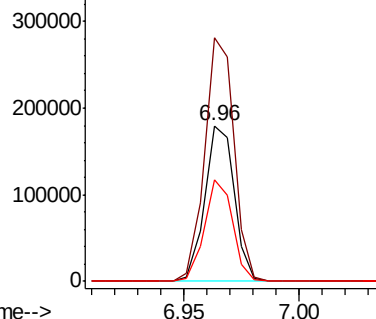


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

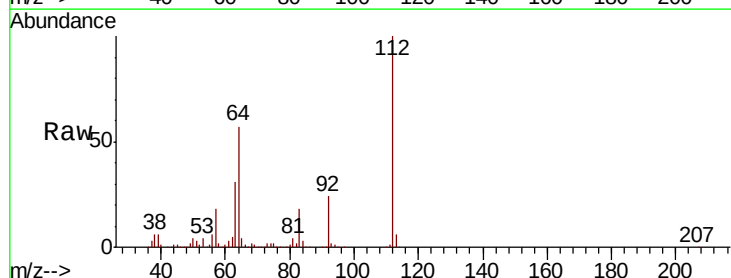
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.543 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.1	44.1	66.1
63	30.7	23.7	35.5

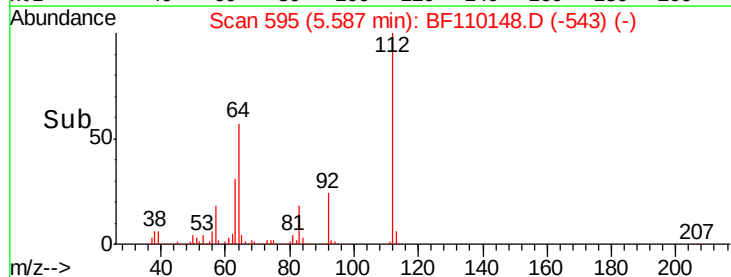
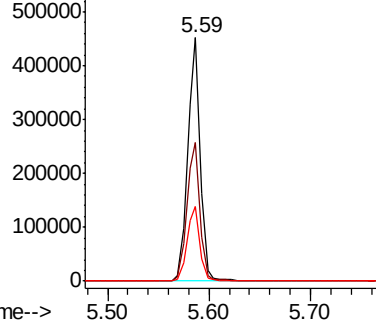


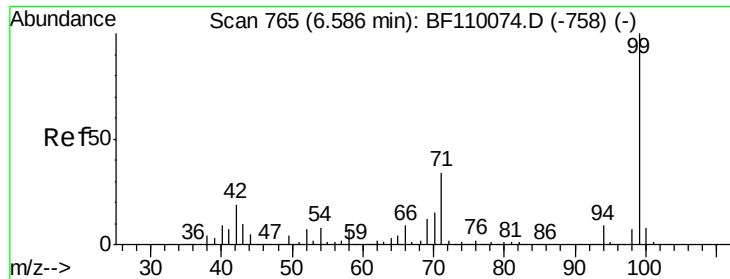
Abundance

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: 23.997 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110148.D

Acq: 25 Oct 2018 7:21

Instrument :

BNA_F

ClientSampleId :

102218-DBRI-F-U-S

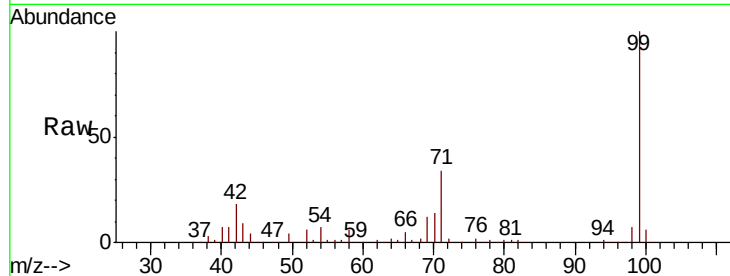
Tot Ion: 99 Resp: 301865

Ion Ratio Lower Upper

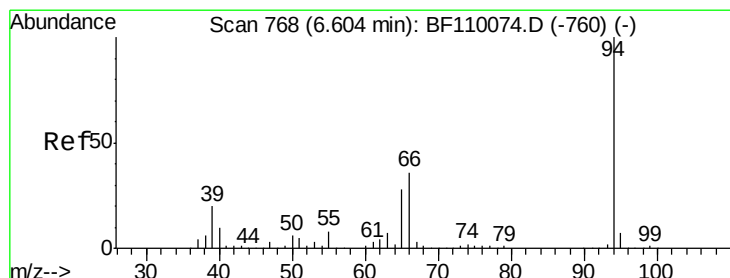
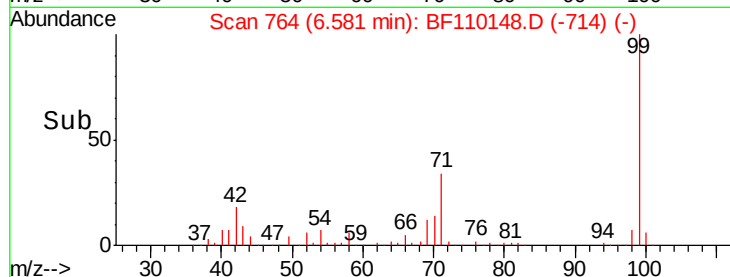
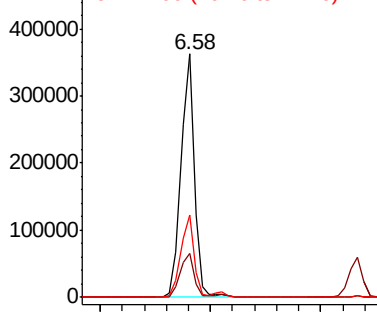
99 100

42 18.1 15.8 23.6

71 33.6 28.0 42.0



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: 2.455 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110148.D

Acq: 25 Oct 2018 7:21

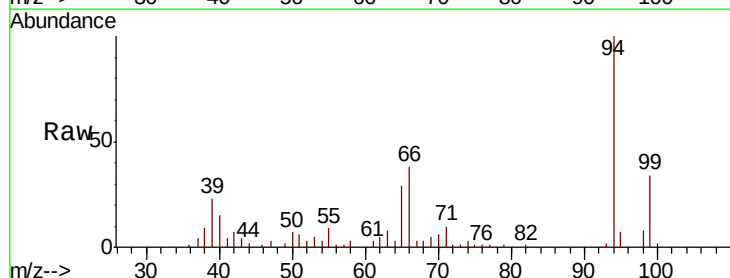
Tgt Ion: 94 Resp: 33008

Ion Ratio Lower Upper

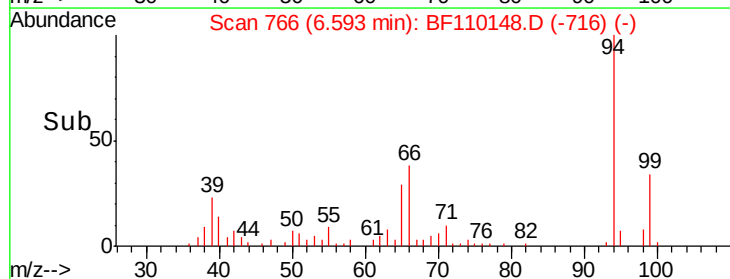
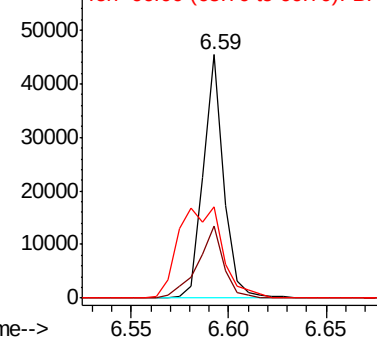
94 100

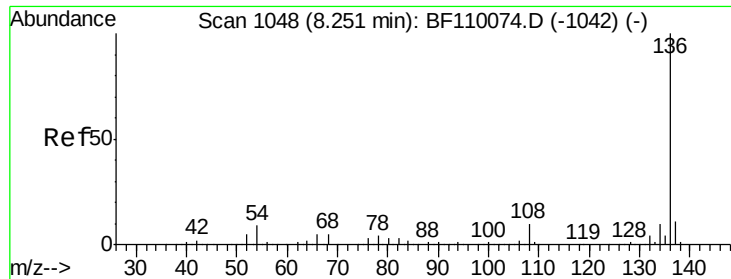
65 29.4 25.3 65.3

66 37.5 54.5 94.5#



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

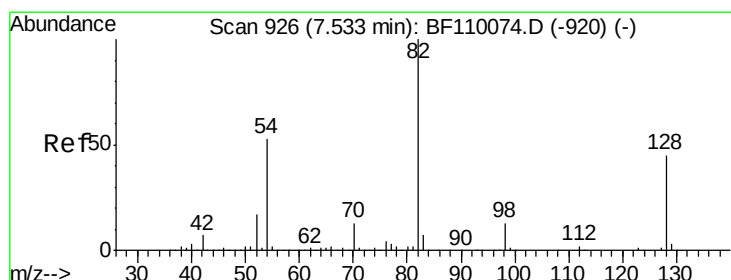
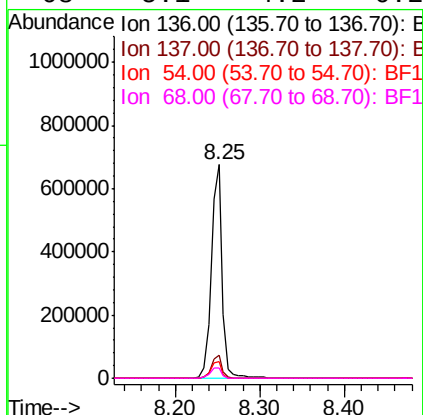
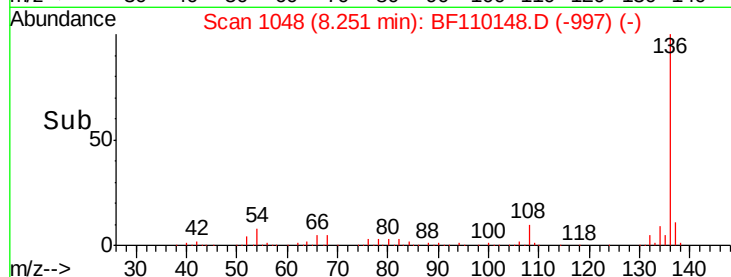
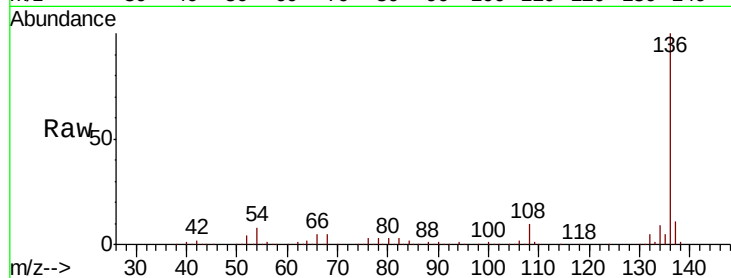




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

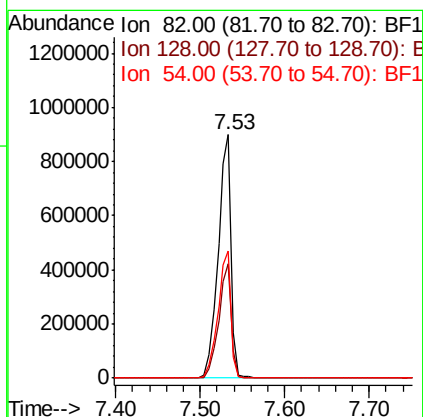
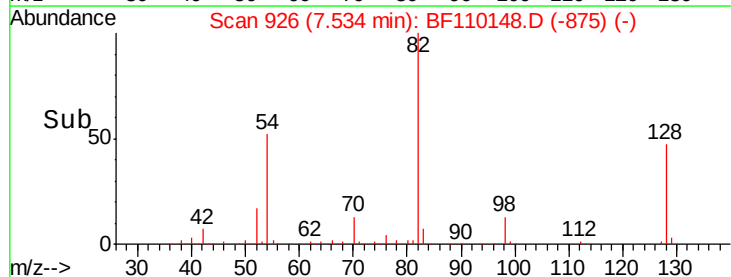
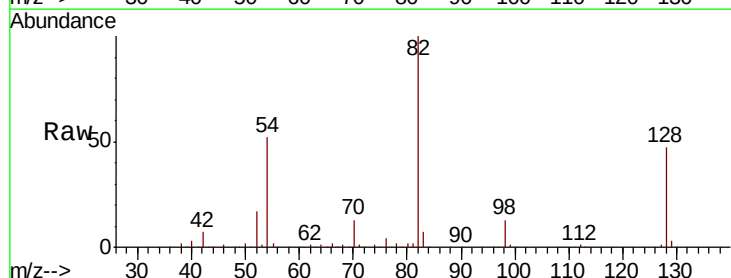
Instrument :
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ClientSampleId :
102218-DBRI-F-U-S

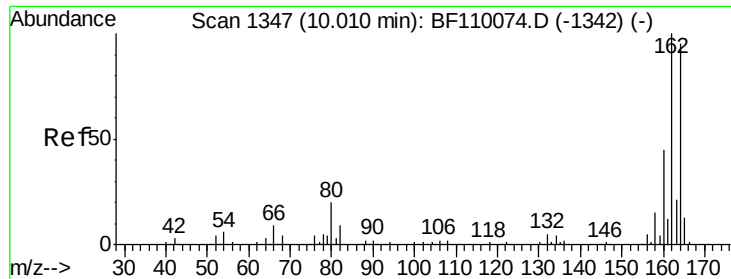
Tot Ion:136	Resp:	612103
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.8 13.2
54	7.5	5.4 8.2
68	5.1	4.2 6.2



#23
Nitrobenzene-d5
Concen: 94.327 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

Tgt Ion: 82	Resp:	973435
Ion	Ratio	Lower Upper
82	100	
128	47.0	34.2 51.2
54	52.1	38.6 58.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF110148.D

Acq: 25 Oct 2018 7:21

Instrument :

BNA_F

ClientSampleId :

102218-DBRI-F-U-S

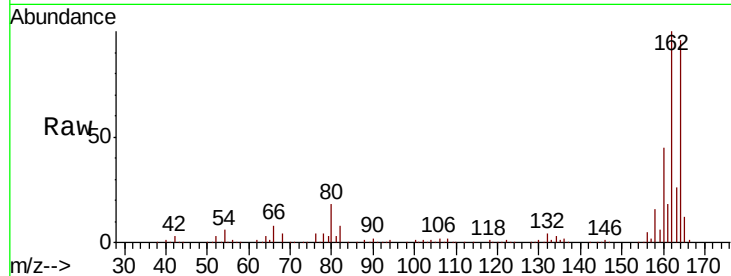
Tot Ion:164 Resp: 274027

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

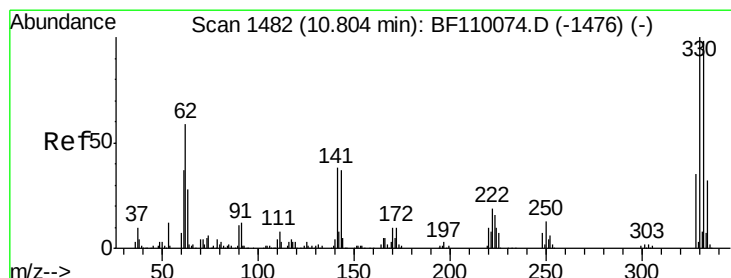
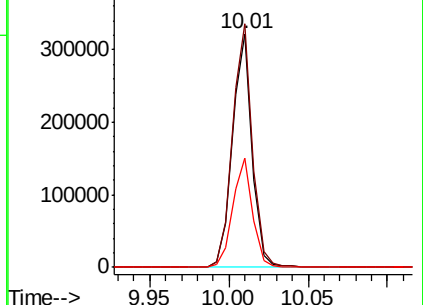
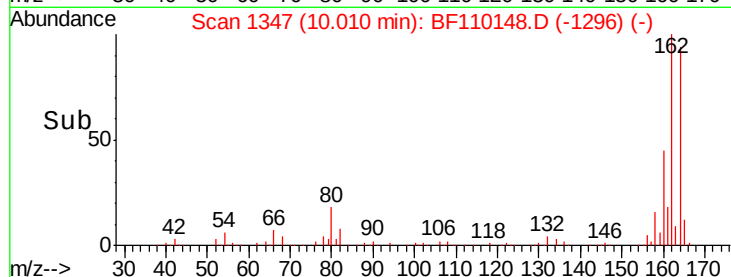
160 46.8 37.0 55.6



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: 80.772 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BF110148.D

Acq: 25 Oct 2018 7:21

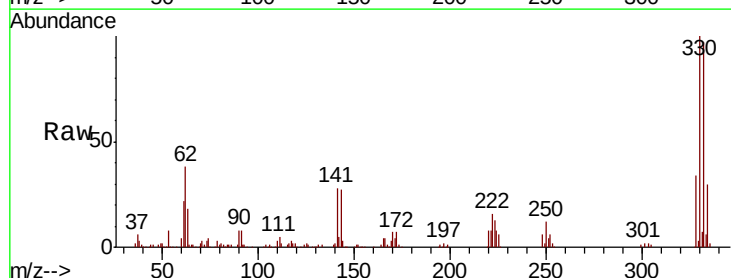
Tgt Ion:330 Resp: 219250

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

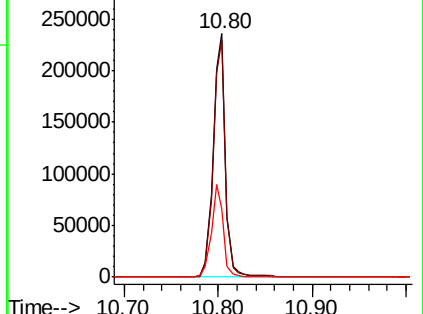
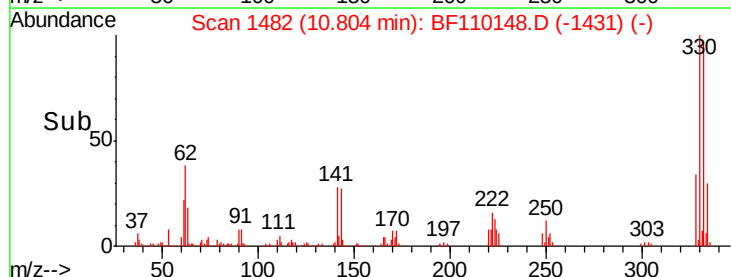
141 36.9 27.0 40.4

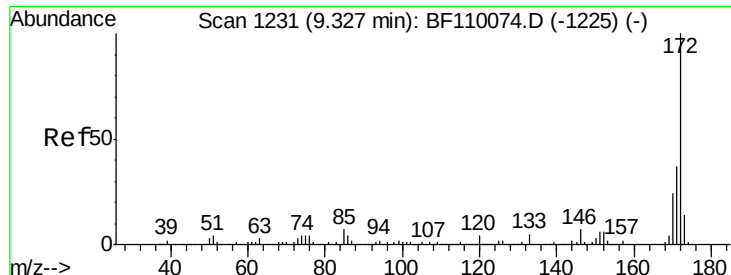


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

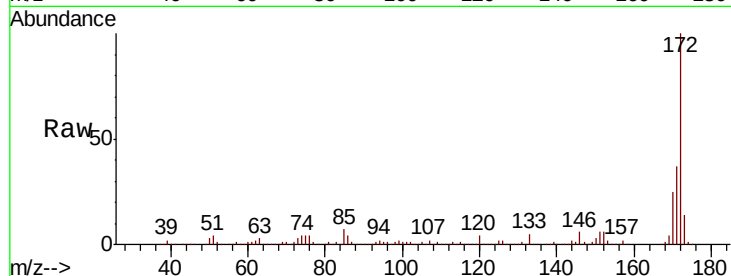




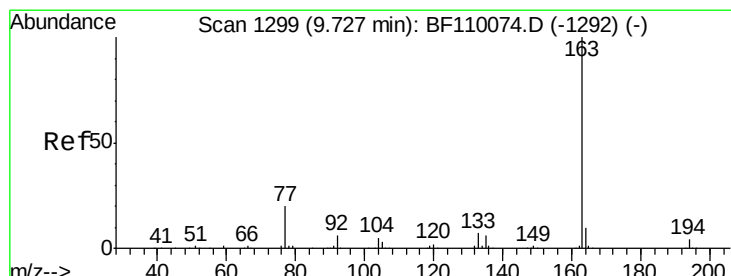
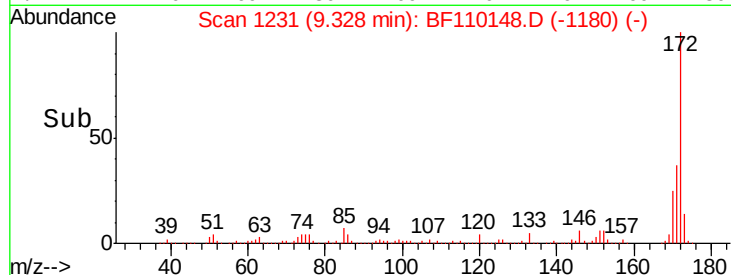
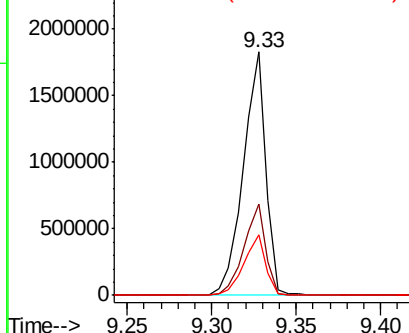
#45
2-Fluorobiphenyl
Concen: 97.836 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

Instrument :
BNA_F
ClientSampleId :
102218-DBRI-F-U-S

Tot Ion:172 Resp: 1707340
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.0 19.7 29.5

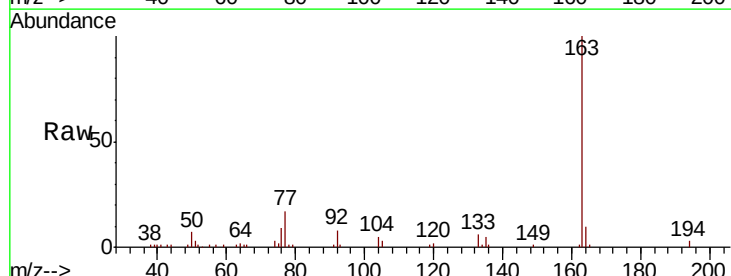


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

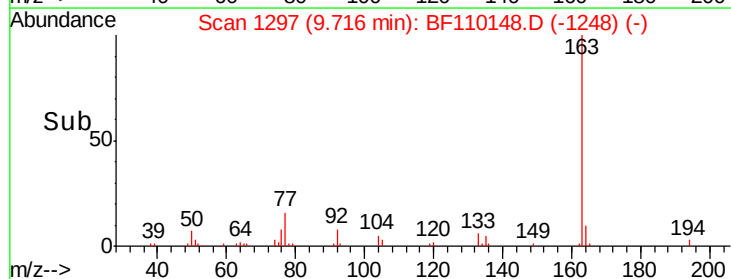
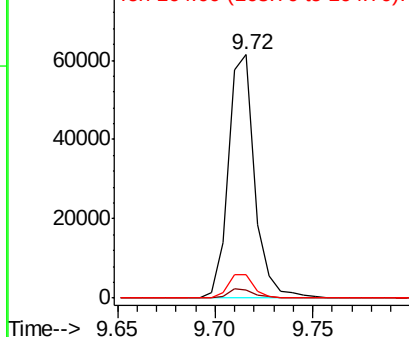


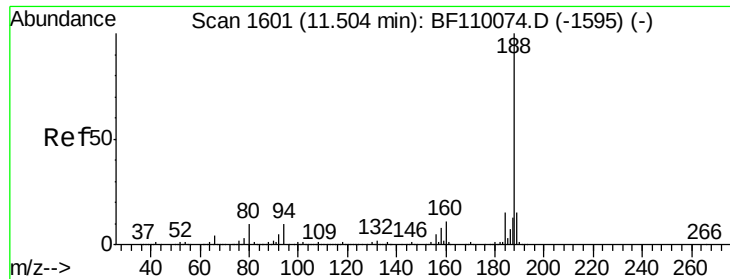
#50
Dimethylphthalate
Concen: 2.843 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

Tgt Ion:163 Resp: 57508
Ion Ratio Lower Upper
163 100
194 3.2 3.2 4.8
164 9.8 8.1 12.1



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

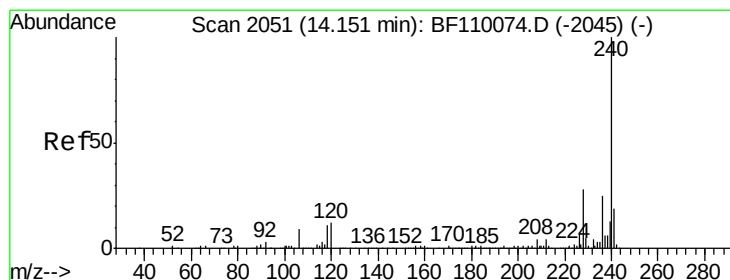
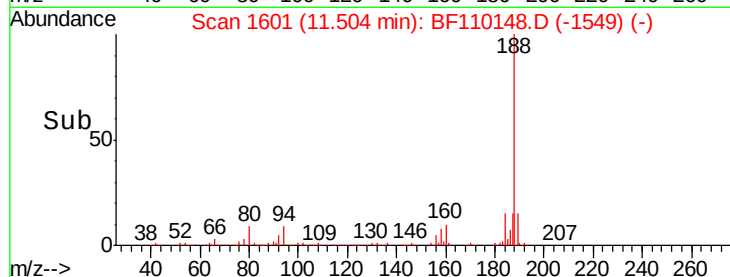
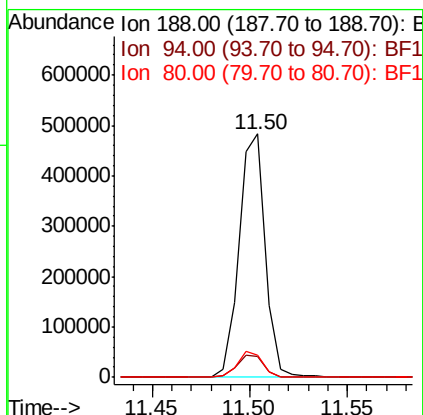
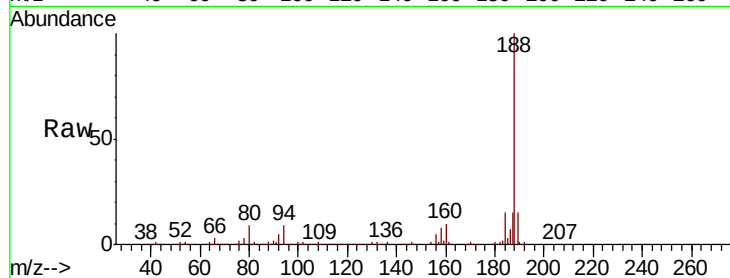




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

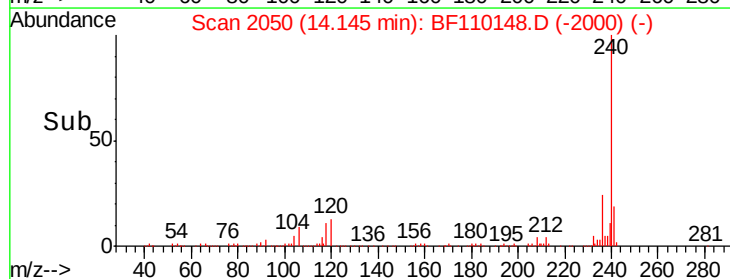
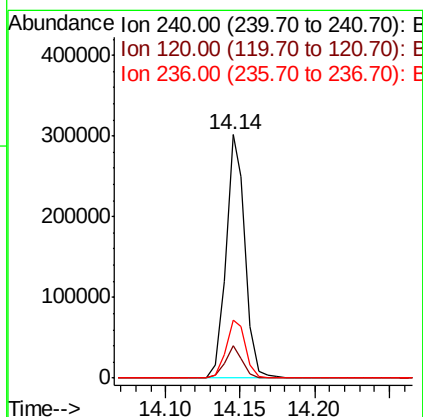
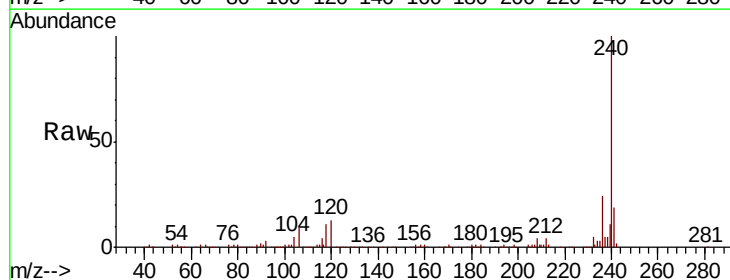
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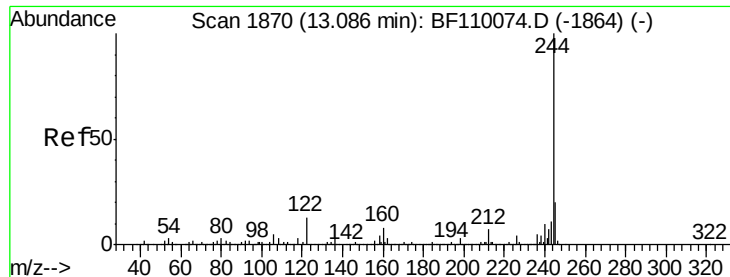
Tot Ion:188 Resp: 450103
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 8.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110148.D
Acq: 25 Oct 2018 7:21

Tgt Ion:240 Resp: 271395
Ion Ratio Lower Upper
240 100
120 13.1 8.3 12.5#
236 24.0 21.2 31.8





#79

Terphenyl-d14

Concen: 96.326 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BF110148.D

Acq: 25 Oct 2018 7:21

Instrument :

BNA_F

ClientSampleId :

102218-DBRI-F-U-S

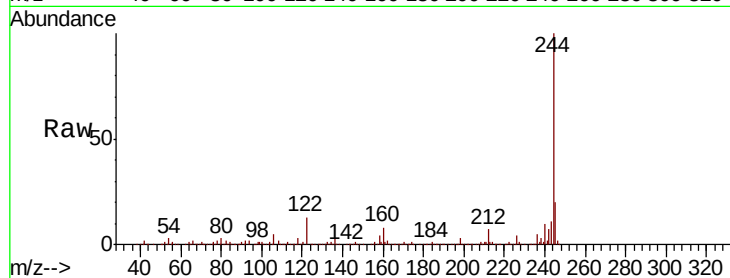
Tot Ion:244 Resp: 1257022

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

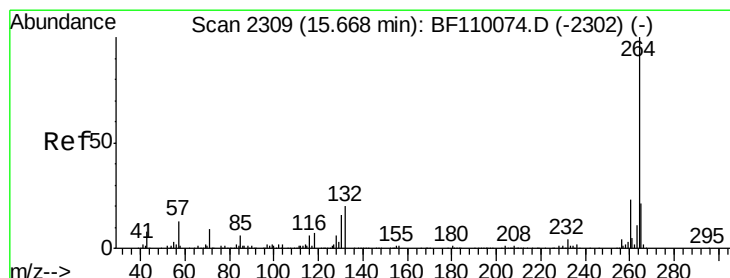
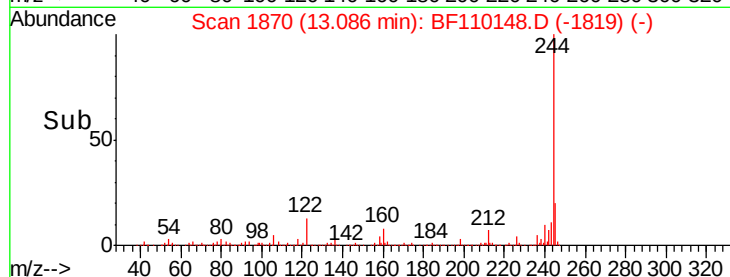
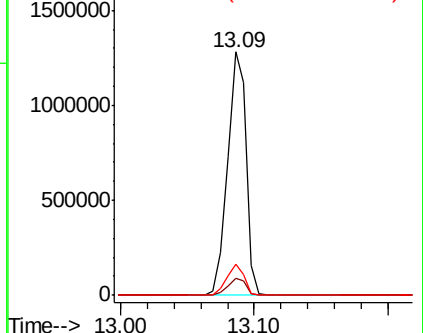
122 13.0 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF110148.D

Acq: 25 Oct 2018 7:21

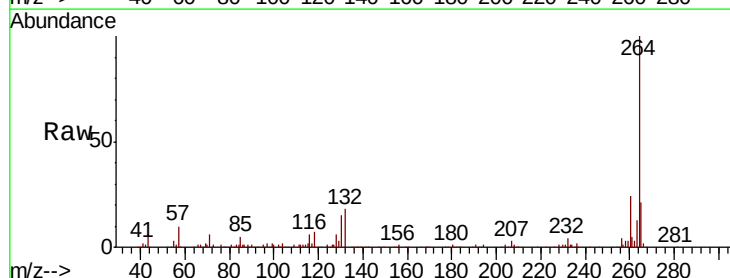
Tgt Ion:264 Resp: 210312

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.1 16.7 25.1



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

