

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111418\
 Data File : BF110772.D
 Acq On : 14 Nov 2018 18:50
 Operator : JU/SJ
 Sample : J5940-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-25(0-10)

Quant Time: Nov 15 05:04:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

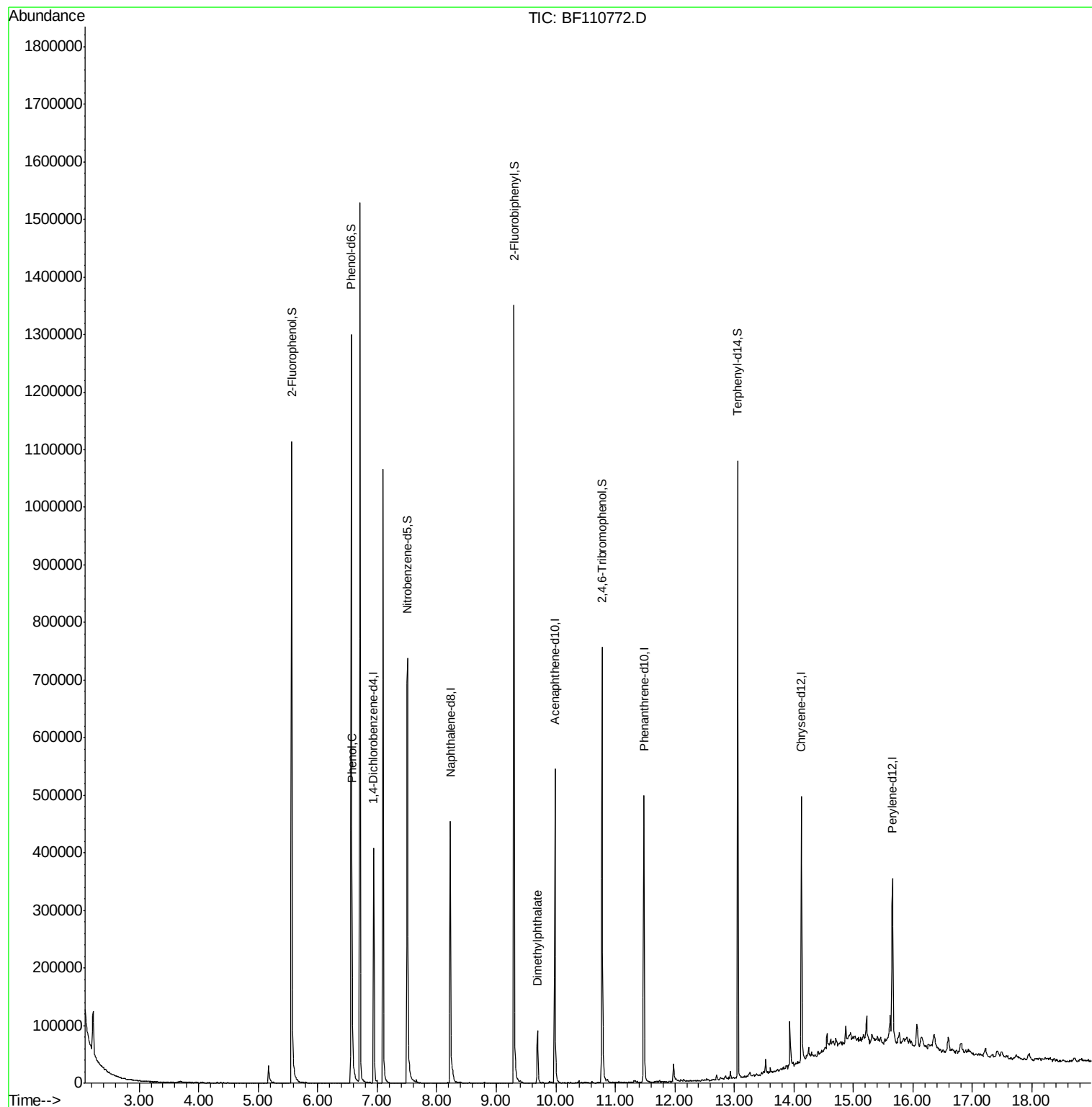
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66659	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	277646	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	127941	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	217824	20.00	ng	0.00
76) Chrysene-d12	14.13	240	148409	20.00	ng	-0.01
87) Perylene-d12	15.66	264	130085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	359248	87.54	ng	0.00
7) Phenol-d6	6.57	99	457446	87.17	ng	0.00
23) Nitrobenzene-d5	7.51	82	283410	58.79	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	96295	74.70	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	462285	51.60	ng	0.00
79) Terphenyl-d14	13.06	244	331983	41.89	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	23580	3.875	ng	# 69
50) Dimethylphthalate	9.69	163	49813	5.218	ng	# 99

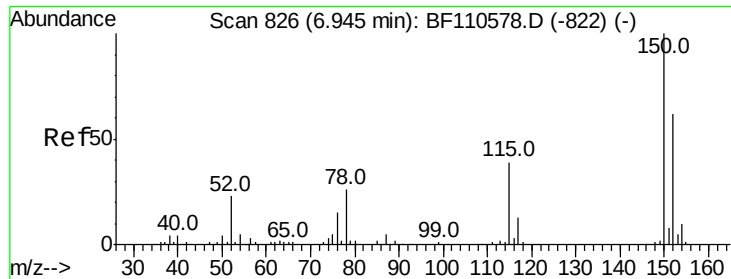
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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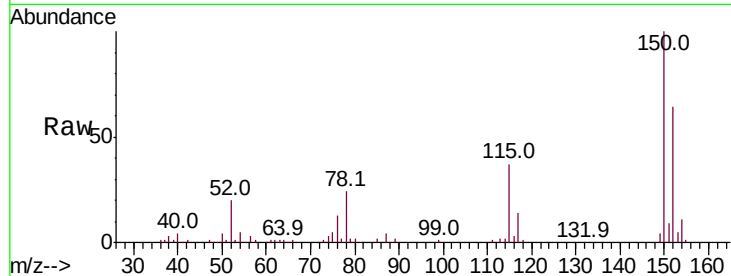


#1

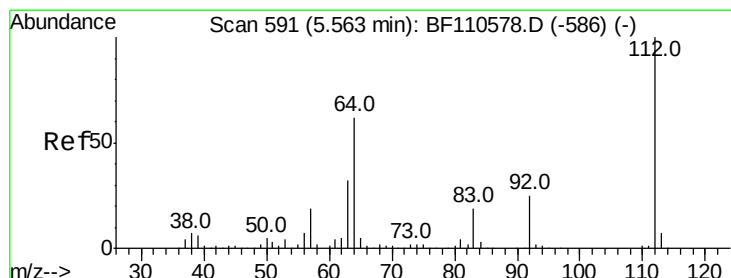
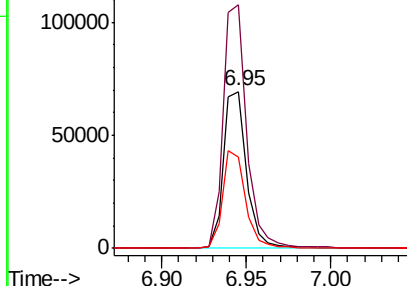
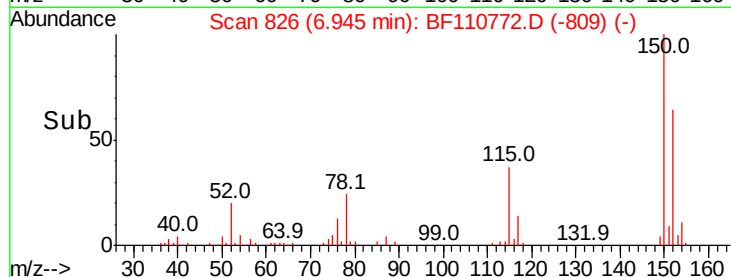
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
B-25(0-10)

Tot Ion:152 Resp: 66659
Ion Ratio Lower Upper
152 100
150 155.3 122.7 184.1
115 58.1 49.1 73.7



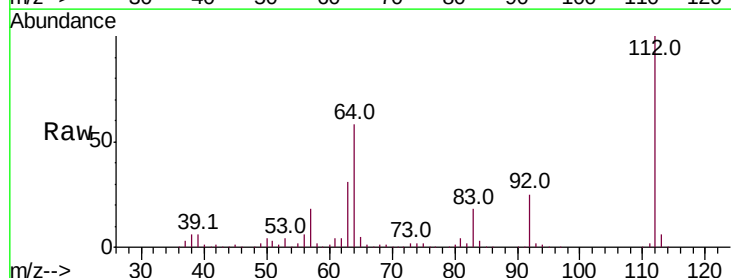
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



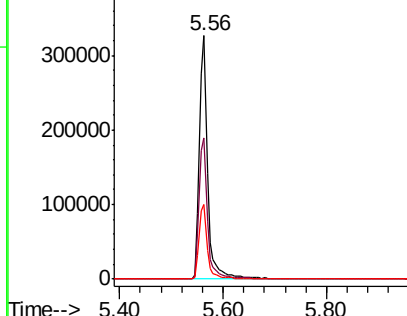
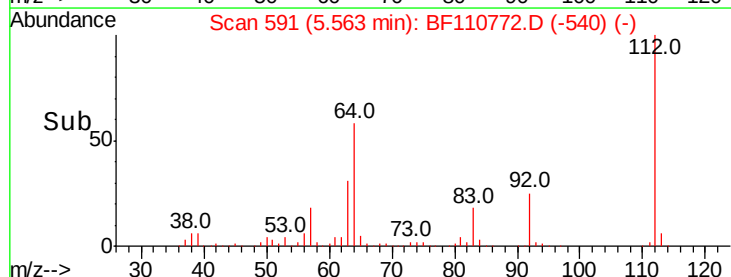
#5

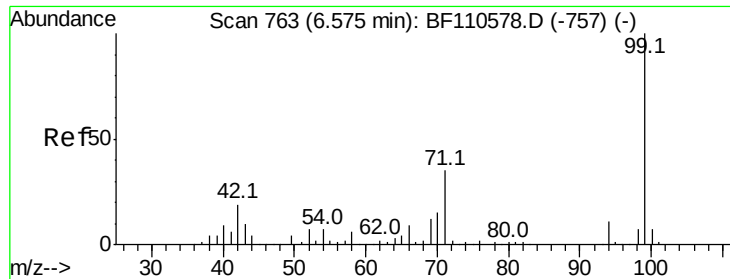
2-Fluorophenol
Concen: 87.540 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

Tgt Ion:112 Resp: 359248
Ion Ratio Lower Upper
112 100
64 58.2 44.1 66.1
63 30.8 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: 87.169 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110772.D

Acq: 14 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

B-25(0-10)

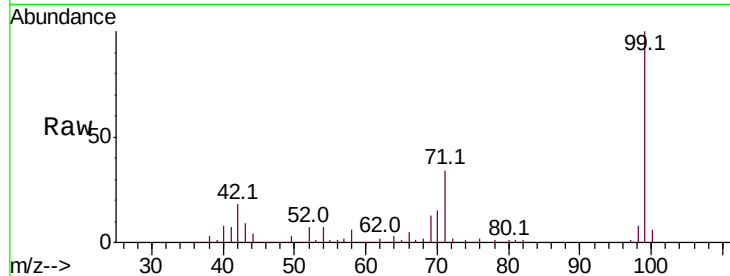
Tot Ion: 99 Resp: 457446

Ion Ratio Lower Upper

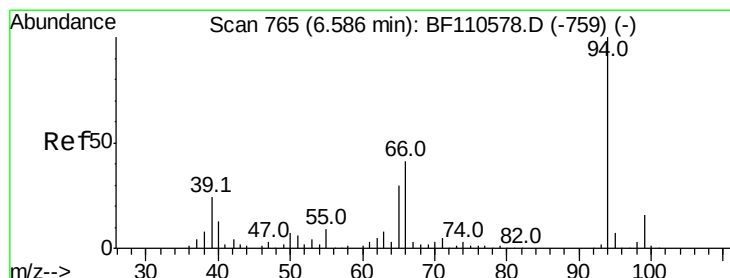
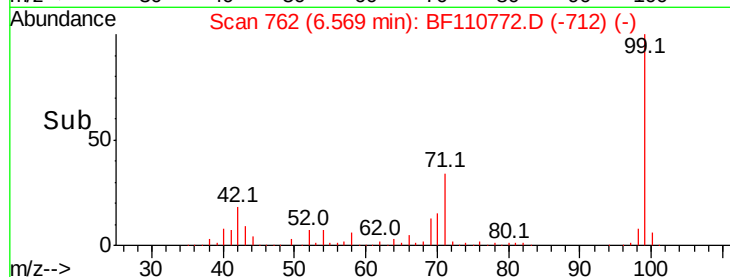
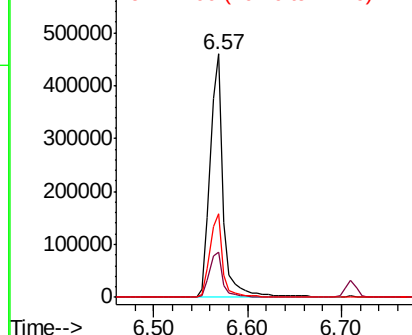
99 100

42 18.5 15.8 23.6

71 34.2 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: 3.875 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110772.D

Acq: 14 Nov 2018 18:50

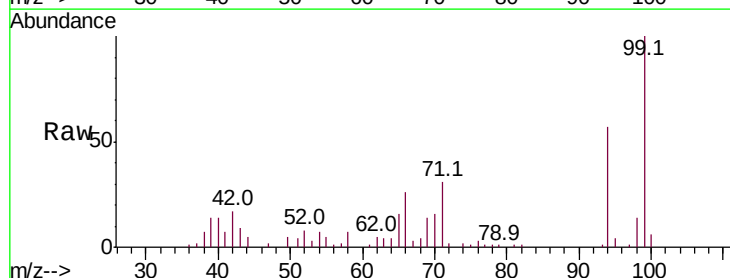
Tgt Ion: 94 Resp: 23580

Ion Ratio Lower Upper

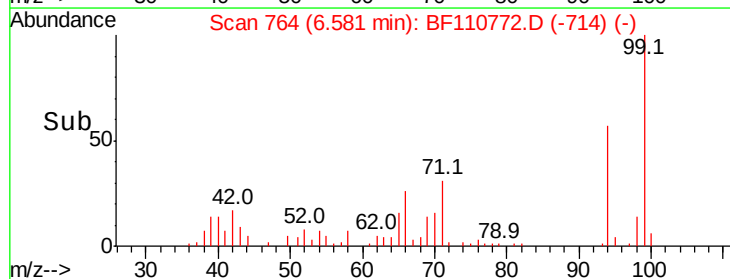
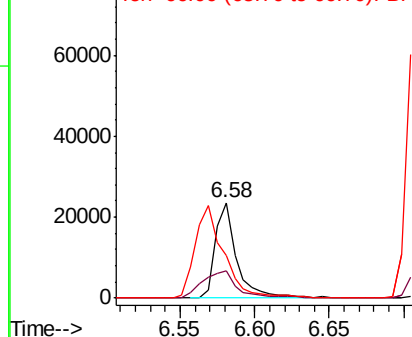
94 100

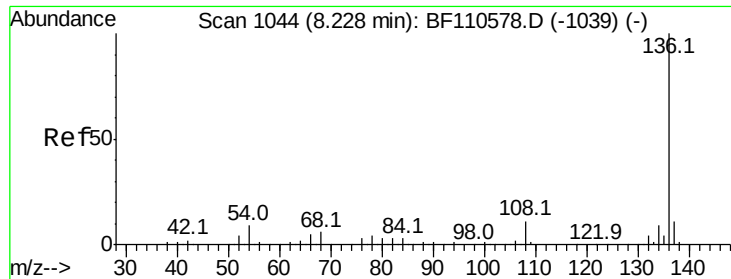
65 29.0 25.3 65.3

66 45.0 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

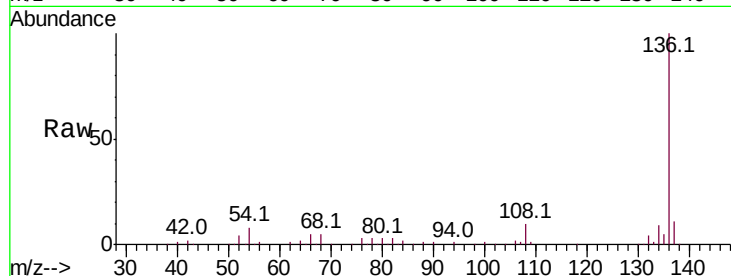




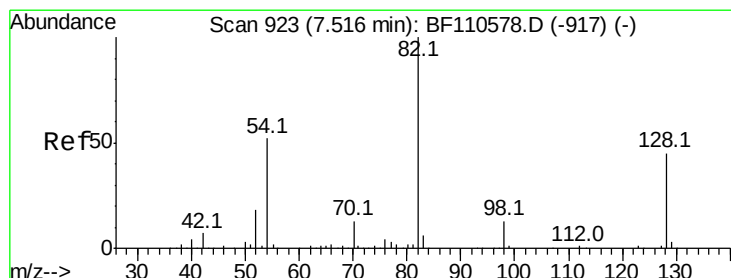
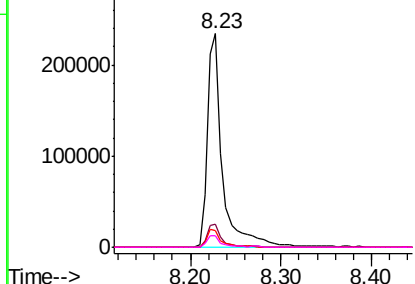
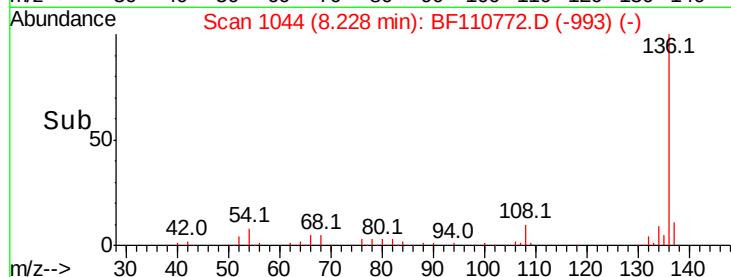
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
B-25(0-10)

Tot Ion:	136	Resp:	277646
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.5	5.4	8.2
68	5.2	4.2	6.2

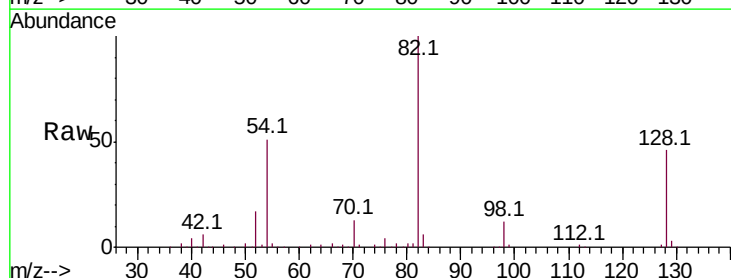


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

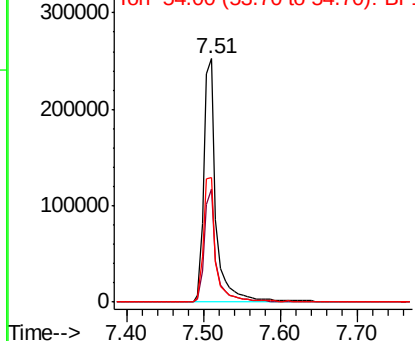
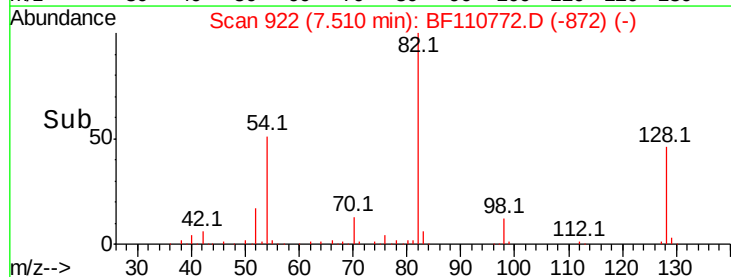


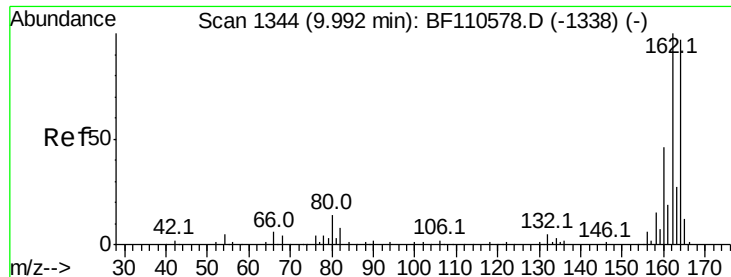
#23
Nitrobenzene-d5
Concen: 58.785 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

Tgt Ion:	82	Resp:	283410
Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.2	51.2
54	51.1	38.6	58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

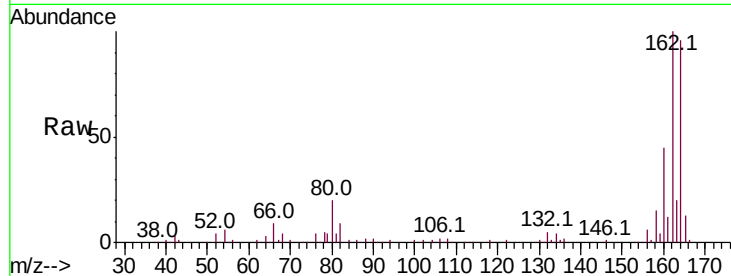




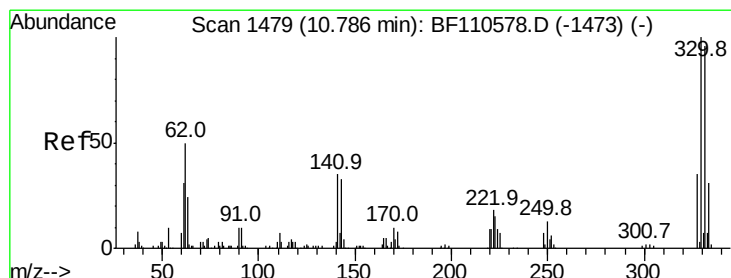
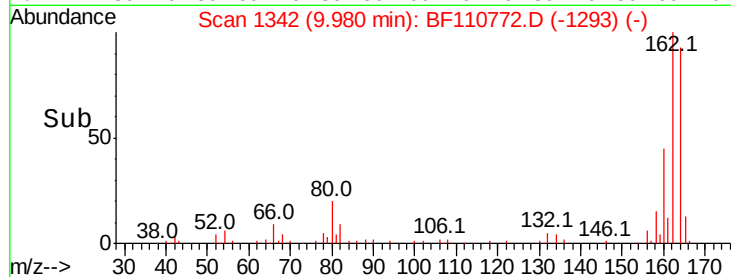
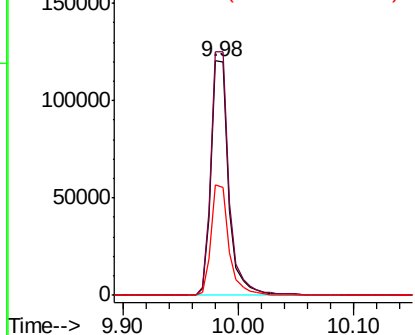
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

Instrument :
BNA_F
ClientSampleId :
B-25(0-10)

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.0	124.6
160	47.1	37.0	55.6

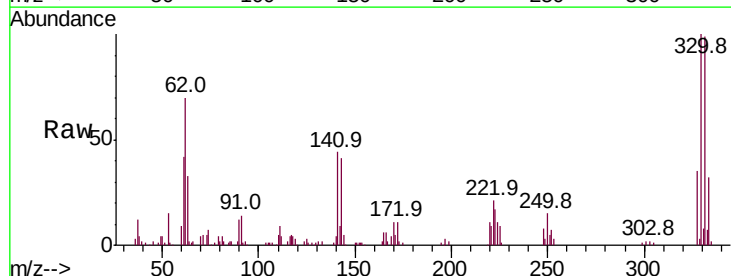


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

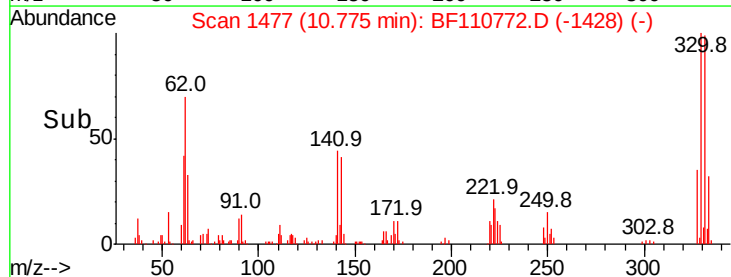
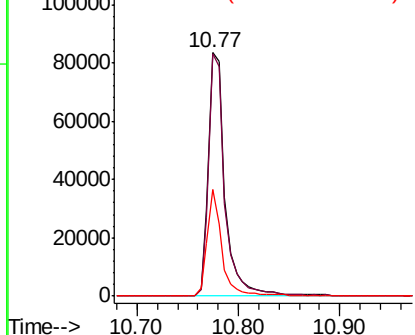


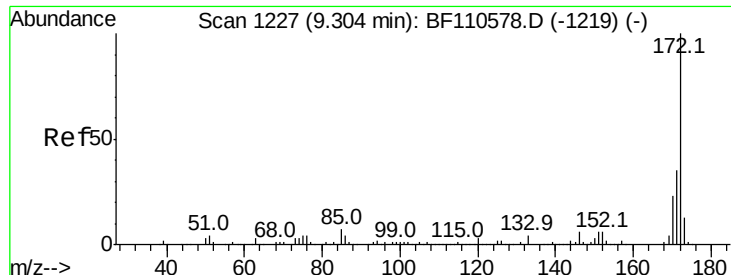
#42
2,4,6-Tribromophenol
Concen: 74.696 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.1	115.7
141	38.2	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

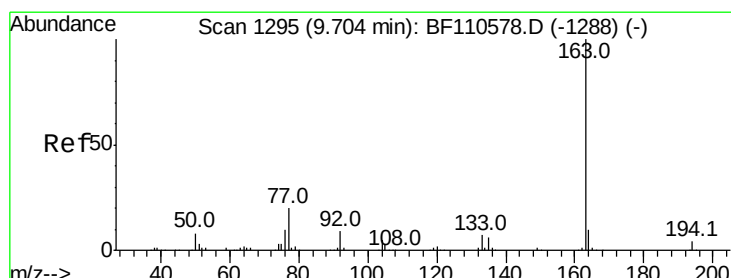
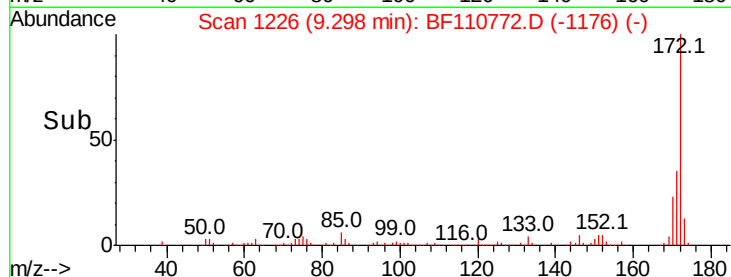
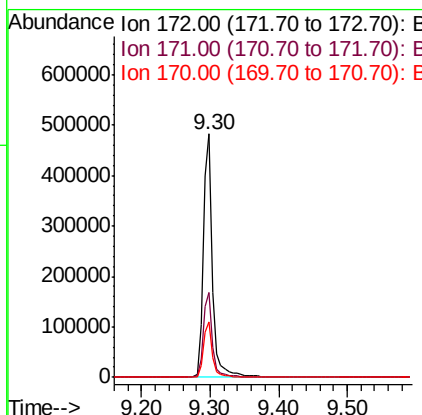
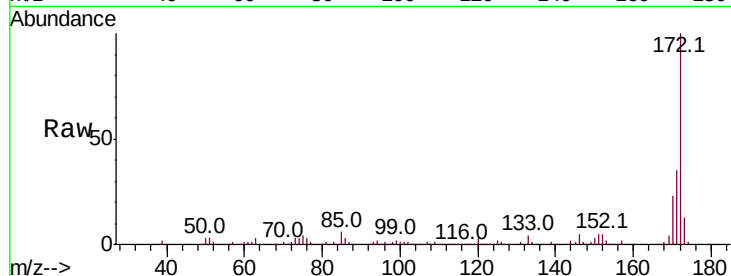




#45
 2-Fluorobiphenyl
 Concen: 51.604 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110772.D
 Acq: 14 Nov 2018 18:50

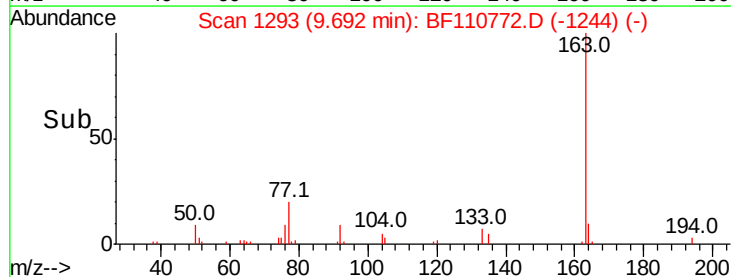
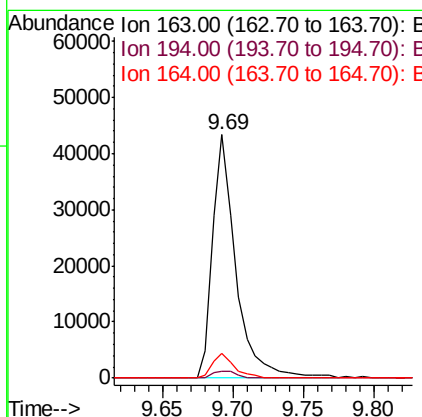
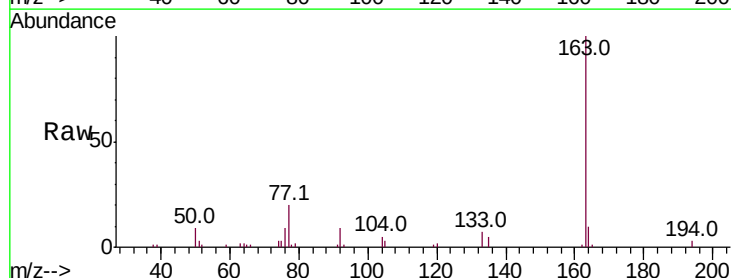
Instrument :
 BNA_F
 ClientSampleId :
 B-25(0-10)

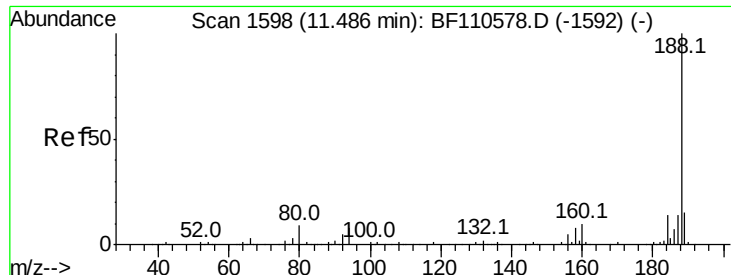
Tot Ion:172 Resp: 462285
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 22.8 19.7 29.5



#50
 Dimethylphthalate
 Concen: 5.218 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF110772.D
 Acq: 14 Nov 2018 18:50

Tgt Ion:163 Resp: 49813
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.2 4.8#
 164 10.0 8.1 12.1

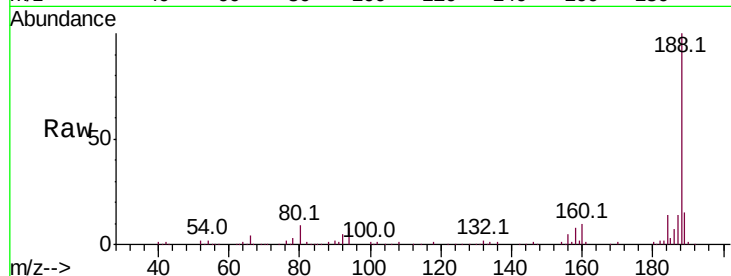




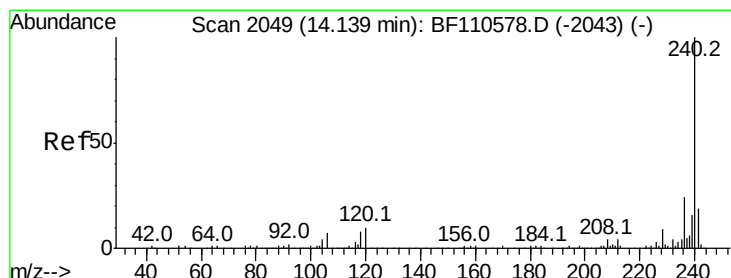
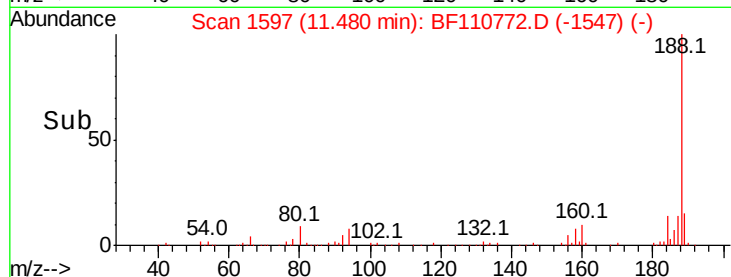
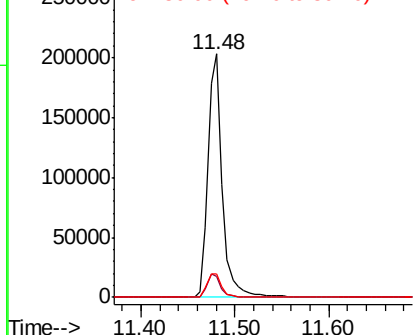
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

Instrument :
BNA_F
ClientSampled :
B-25(0-10)

Tot Ion:188 Resp: 217824
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.4 7.9 11.9

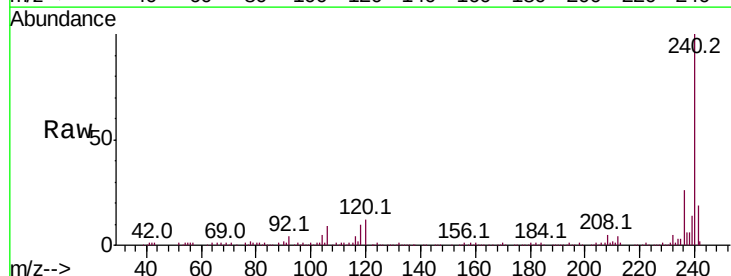


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

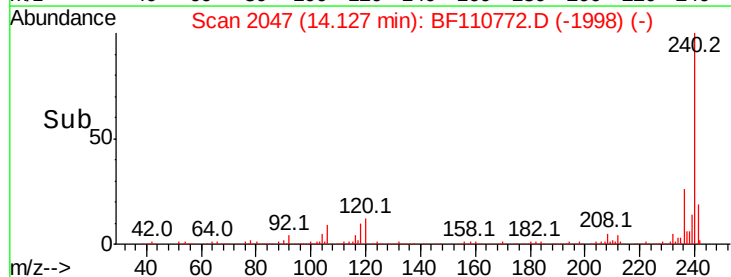
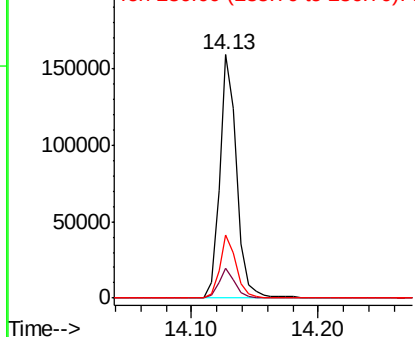


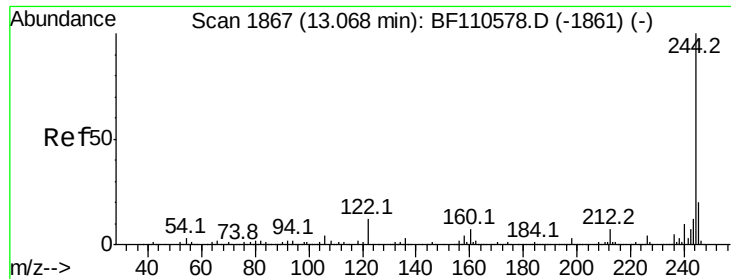
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110772.D
Acq: 14 Nov 2018 18:50

Tgt Ion:240 Resp: 148409
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 25.9 21.2 31.8



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: 41.893 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110772.D

Acq: 14 Nov 2018 18:50

Instrument :

BNA_F

ClientSampleId :

B-25(0-10)

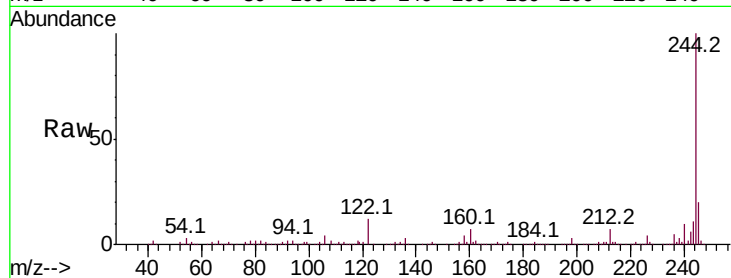
Tot Ion:244 Resp: 331983

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

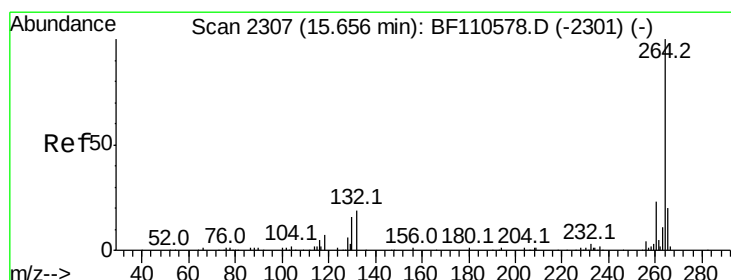
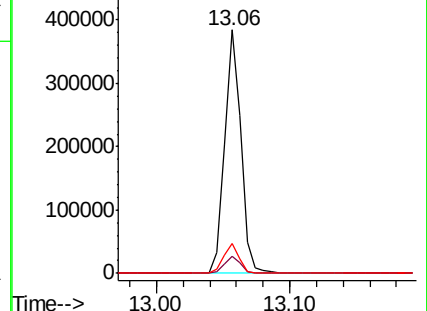
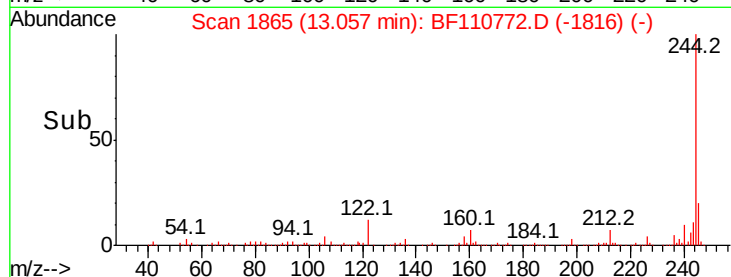
122 12.5 8.7 13.1



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110772.D

Acq: 14 Nov 2018 18:50

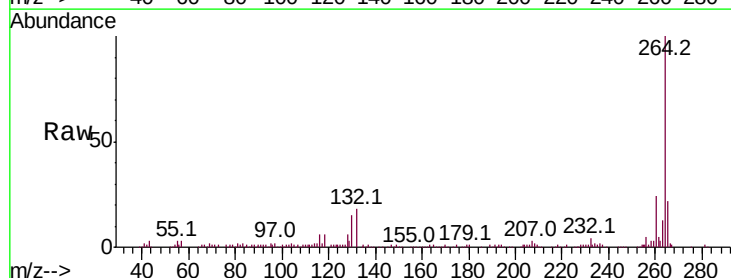
Tgt Ion:264 Resp: 130085

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.4 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

