

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070518\
 Data File : BM015798.D
 Acq On : 06 Jul 2018 12:43
 Operator : SJ/JU
 Sample : J3864-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EPE-108-6A(19-21)

Quant Time: Jul 06 13:20:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

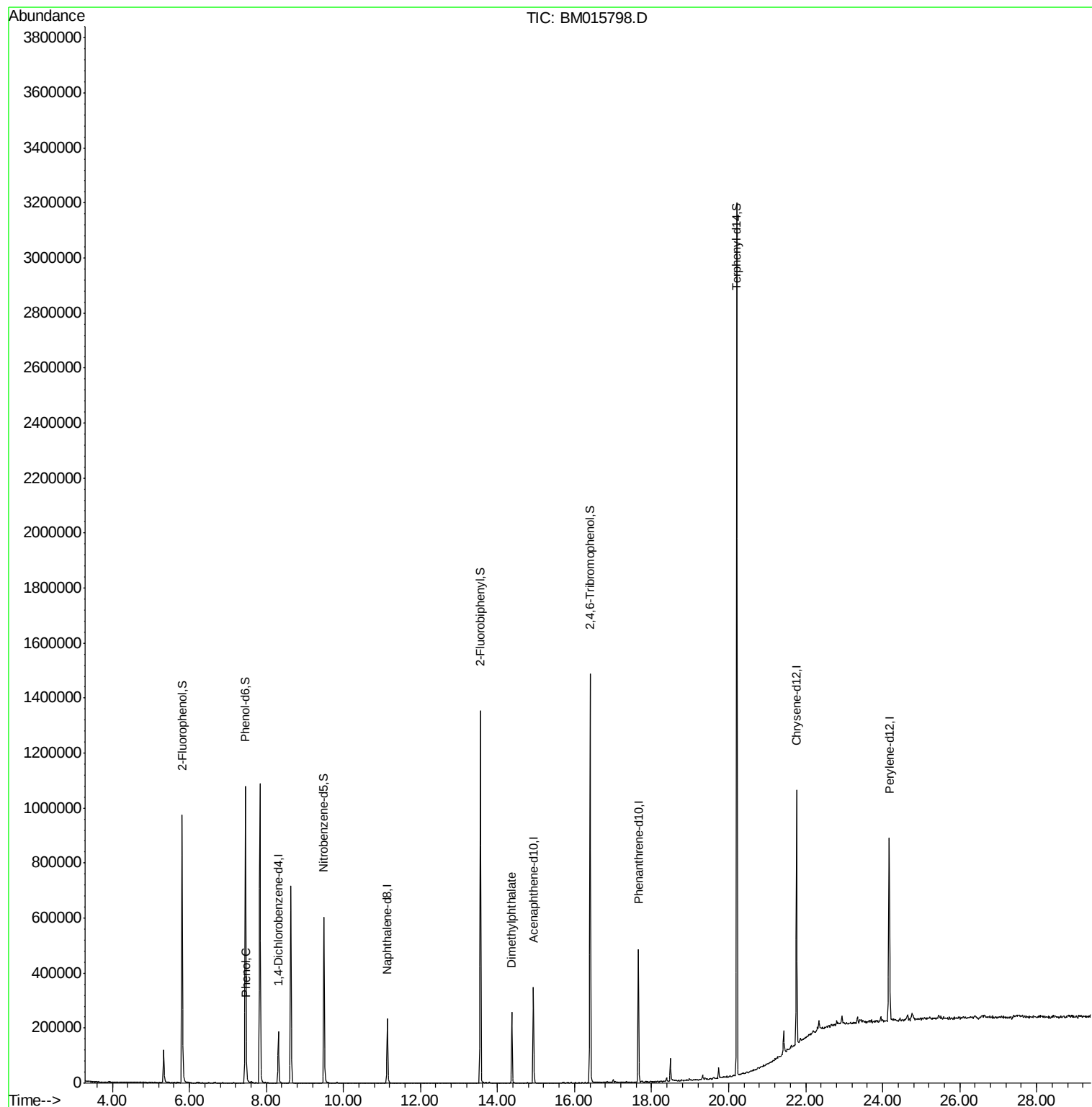
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	44268	20.00	ng	0.00
21) Naphthalene-d8	11.14	136	179887	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	104970	20.00	ng	0.00
63) Phenanthrene-d10	17.66	188	267498	20.00	ng	0.00
75) Chrysene-d12	21.76	240	383144	20.00	ng	0.00
86) Perylene-d12	24.17	264	463908	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	365702	141.68	ng	0.00
7) Phenol-d6	7.46	99	491167	138.99	ng	0.00
23) Nitrobenzene-d5	9.49	82	319342	86.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.41	330	194552	141.85	ng	0.00
44) 2-Fluorobiphenyl	13.55	172	603253	71.35	ng	-0.01
78) Terphenyl-d14	20.22	244	1169868	56.64	ng	0.00
Target Compounds						
10) Phenol	7.49	94	9330	2.628	ng	85
49) Dimethylphthalate	14.37	163	138258	14.934	ng	99

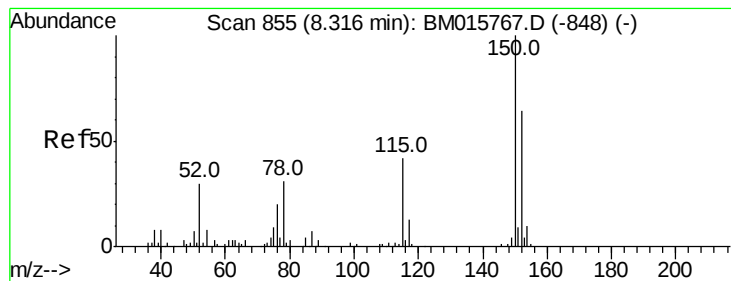
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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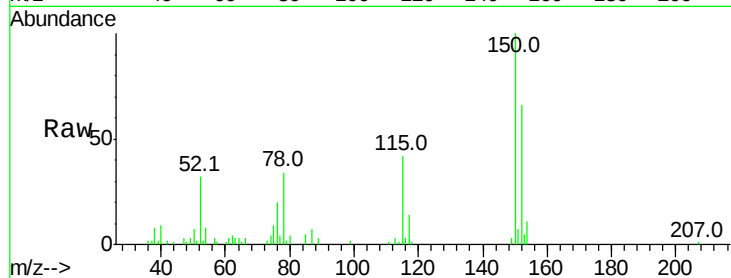


#1

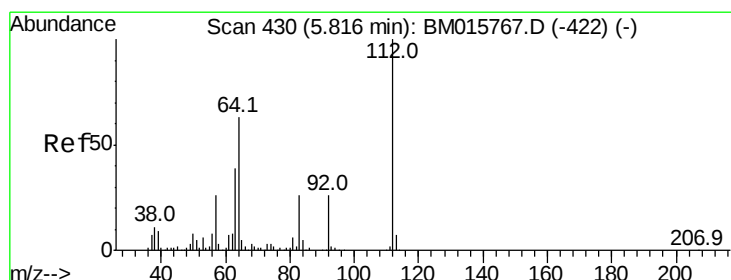
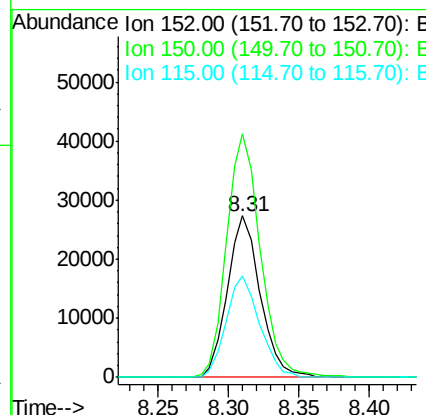
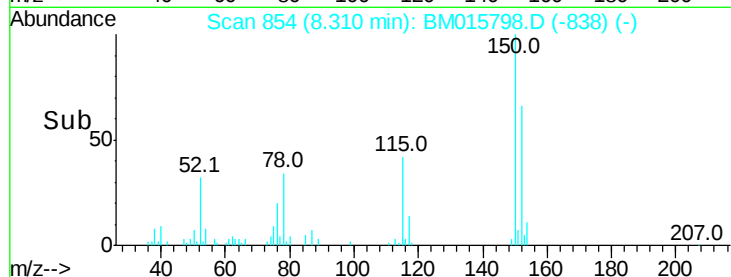
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM015798.D
Acq: 06 Jul 2018 12:43

Instrument :
BNA_M
ClientSampleId :
EPE-108-6A(19-21)

Tot Ion:152 Resp: 44268
Ion Ratio Lower Upper
152 100
150 150.8 119.5 179.3
115 62.7 43.0 64.4



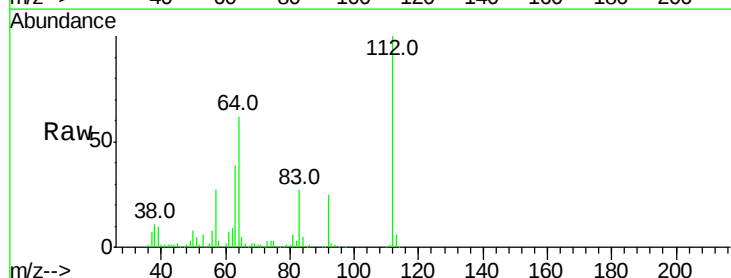
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



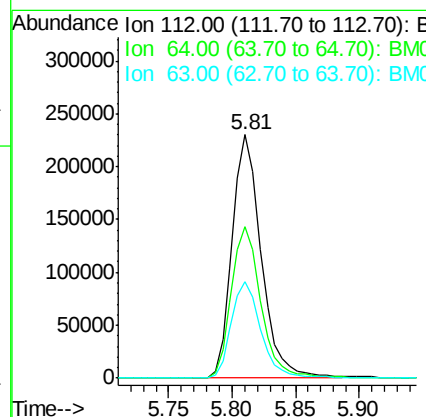
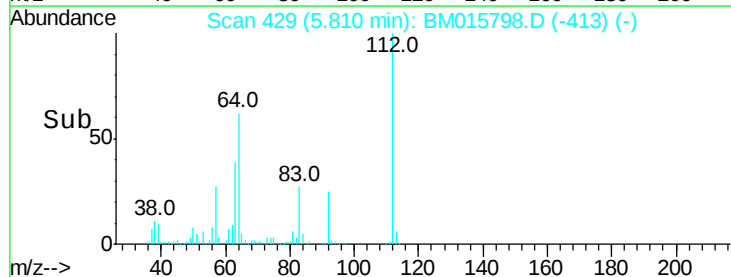
#5

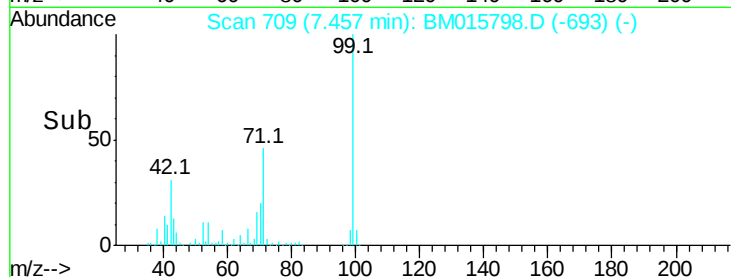
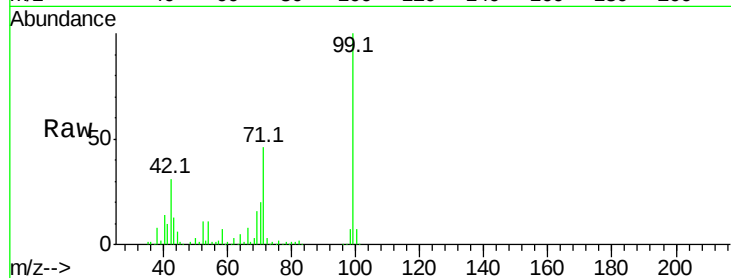
2-Fluorophenol
Concen: N.D. ng
RT: 5.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BM015798.D
Acq: 06 Jul 2018 12:43

Tgt Ion:112 Resp: 365702
Ion Ratio Lower Upper
112 100
64 62.2 38.6 57.8#
63 39.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.46 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM015798.D

Acq: 06 Jul 2018 12:43

Instrument :

BNA_M

ClientSampleId :

EPE-108-6A(19-21)

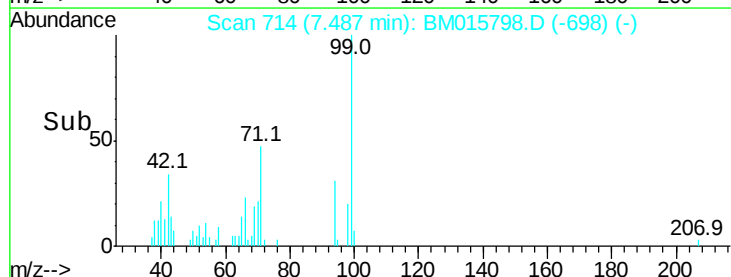
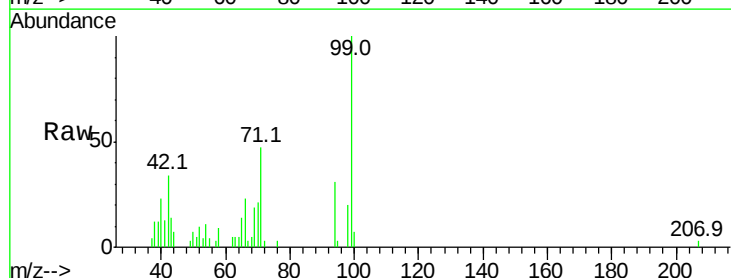
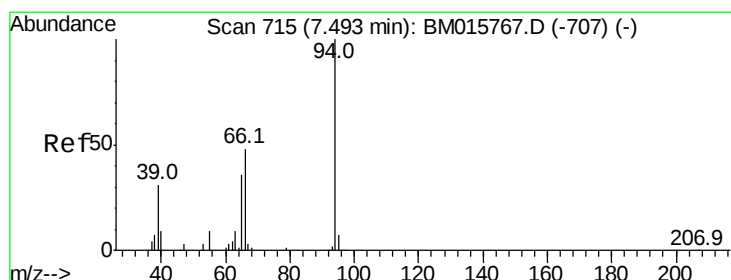
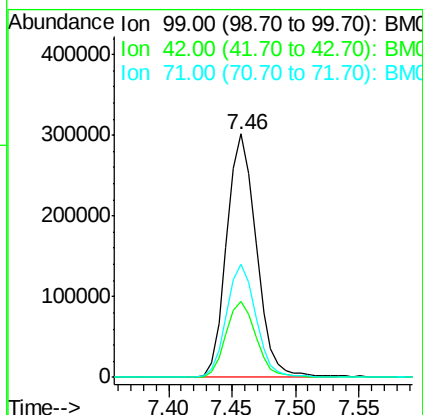
Tot Ion: 99 Resp: 491167

Ion Ratio Lower Upper

99 100

42 31.3 11.0 16.4#

71 46.4 23.4 35.2#



#10

Phenol

Concen: 2.628 ng

RT: 7.49 min Scan# 714

Delta R.T. -0.01 min

Lab File: BM015798.D

Acq: 06 Jul 2018 12:43

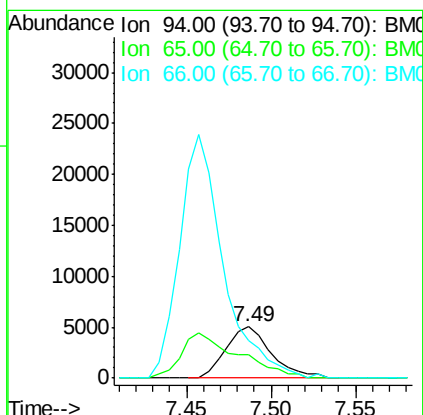
Tgt Ion: 94 Resp: 9330

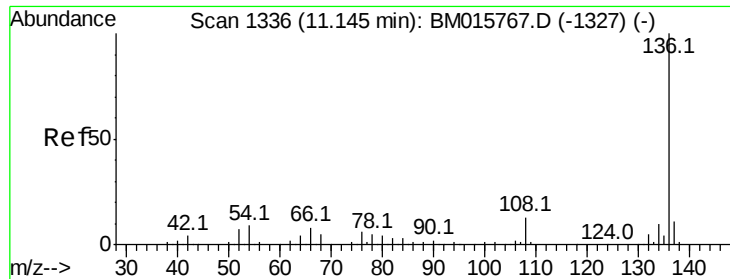
Ion Ratio Lower Upper

94 100

65 45.6 18.8 58.8

66 73.3 39.9 79.9

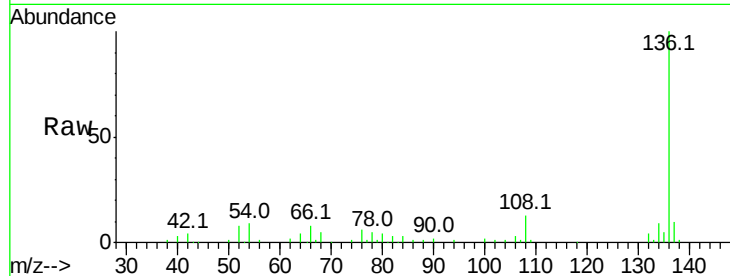




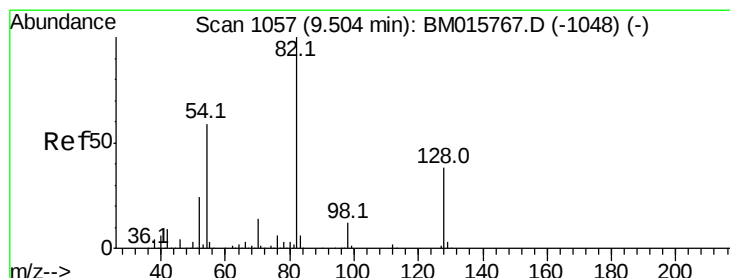
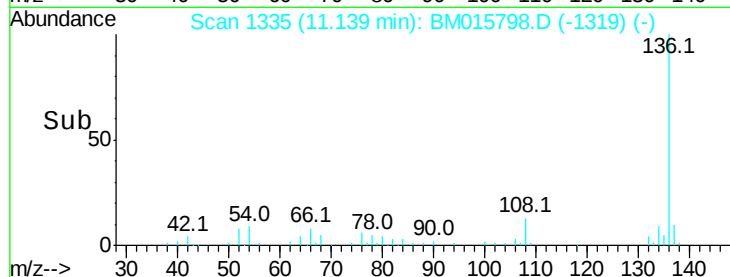
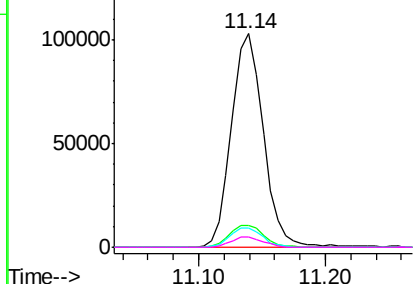
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.14 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM015798.D
Acq: 06 Jul 2018 12:43

Instrument :
BNA_M
ClientSampleId :
EPE-108-6A(19-21)

Tot Ion:	136	Resp:	179887
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	9.0	4.6	6.8#
68	4.9	3.7	5.5

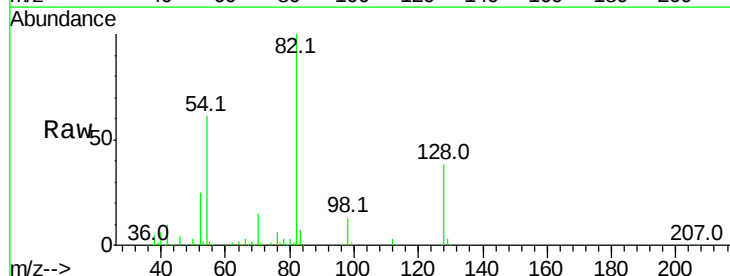


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

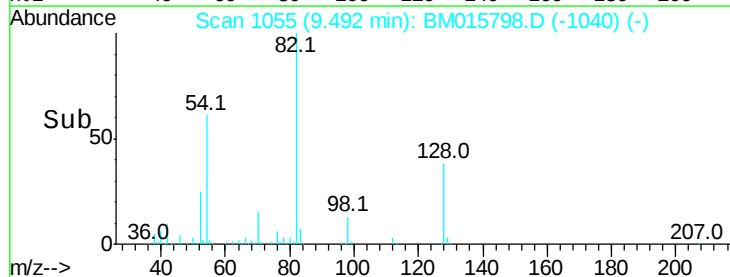
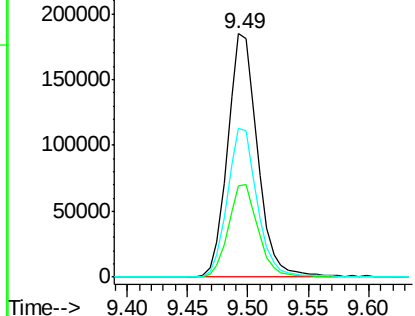


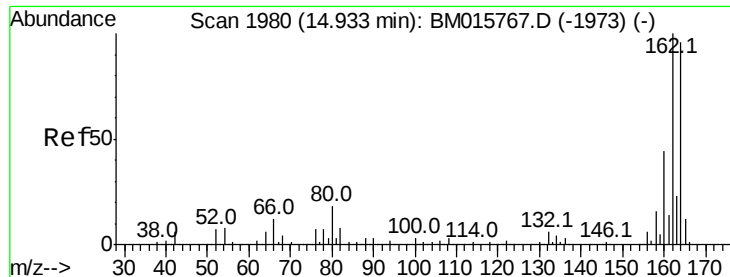
#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.49 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BM015798.D
Acq: 06 Jul 2018 12:43

Tgt Ion:	82	Resp:	319342
Ion	Ratio	Lower	Upper
82	100		
128	37.7	32.8	49.2
54	61.2	40.6	60.8#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.93 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM015798.D

Acq: 06 Jul 2018 12:43

Instrument :

BNA_M

ClientSampleId :

EPE-108-6A(19-21)

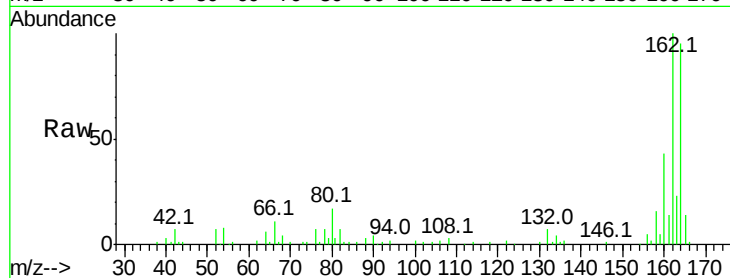
Tot Ion:164 Resp: 104970

Ion Ratio Lower Upper

164 100

162 105.8 82.4 123.6

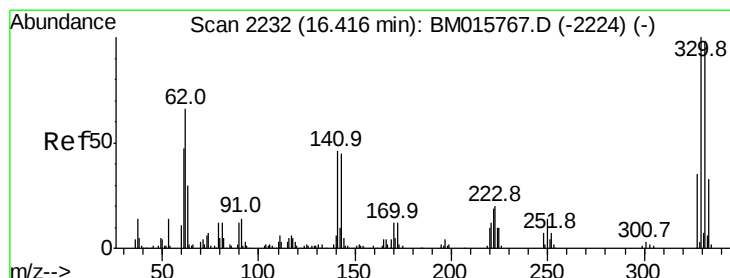
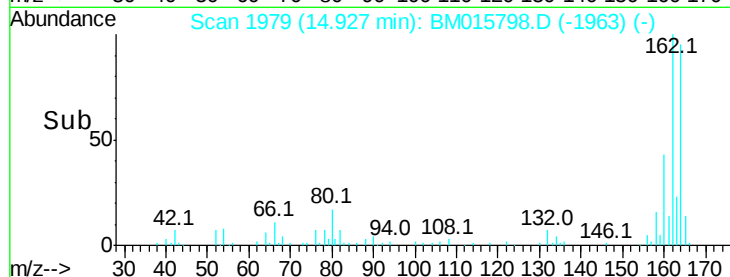
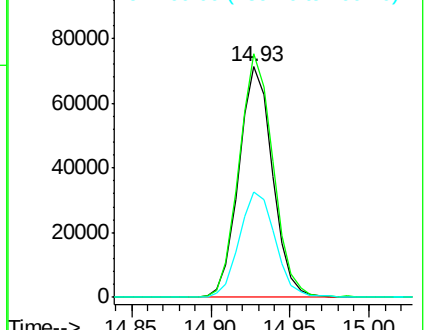
160 45.7 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 16.41 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BM015798.D

Acq: 06 Jul 2018 12:43

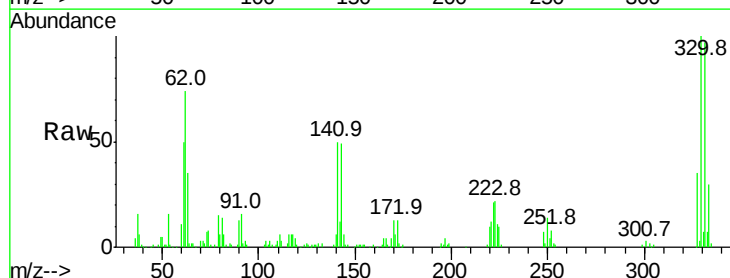
Tgt Ion:330 Resp: 194552

Ion Ratio Lower Upper

330 100

332 97.5 0.0 0.0#

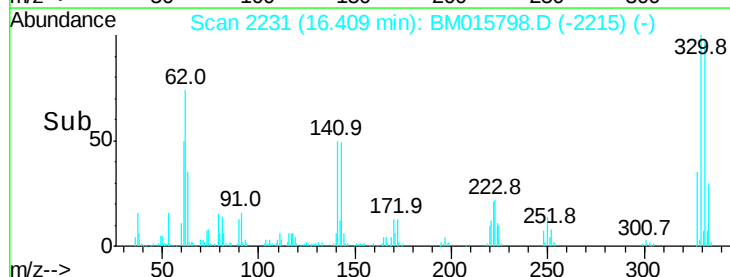
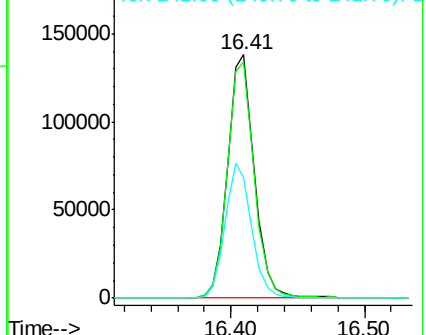
141 55.1 0.0 0.0#

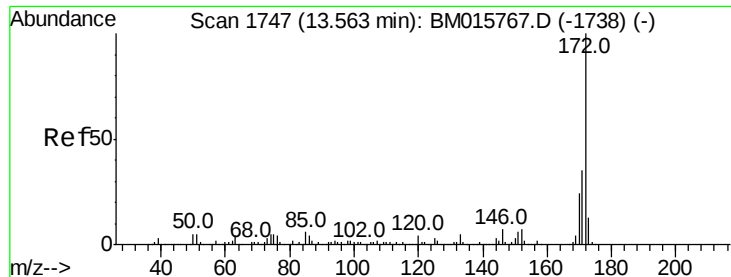


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

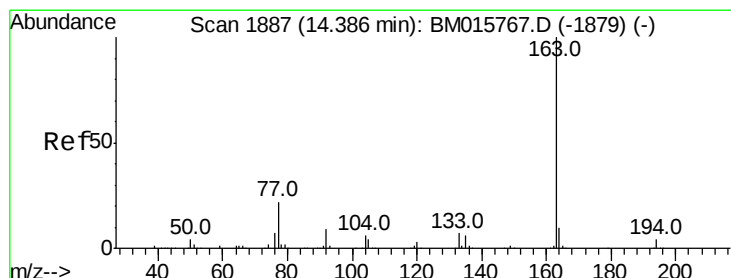
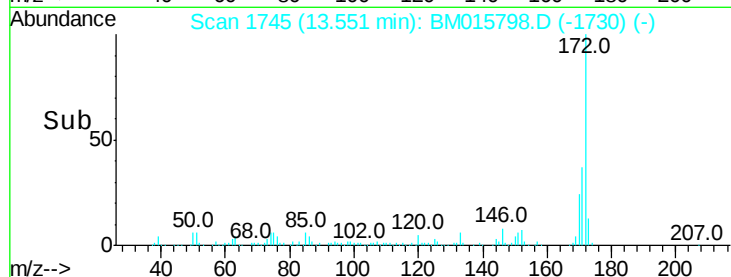
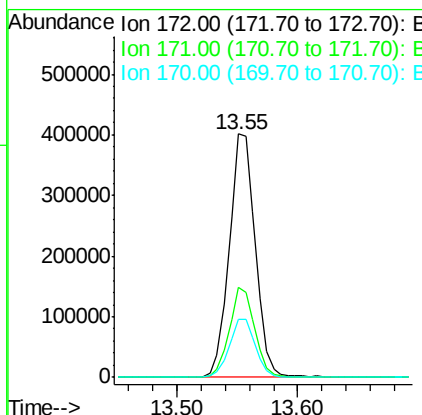
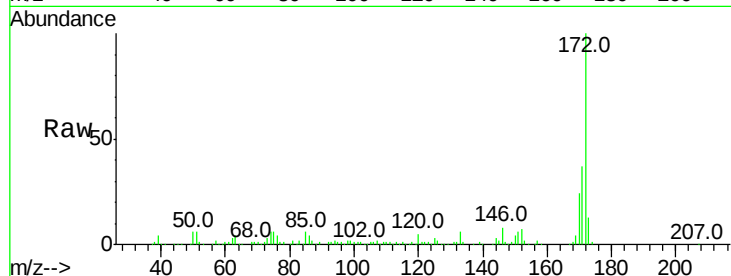




#44
2-Fluorobiphenyl
Concen: N.D. na
RT: 13.55 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BM015798.D
Acq: 06 Jul 2018 12:43

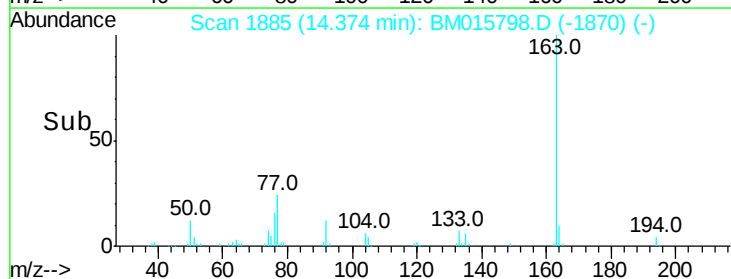
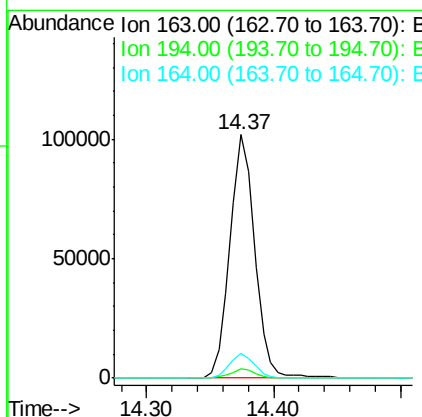
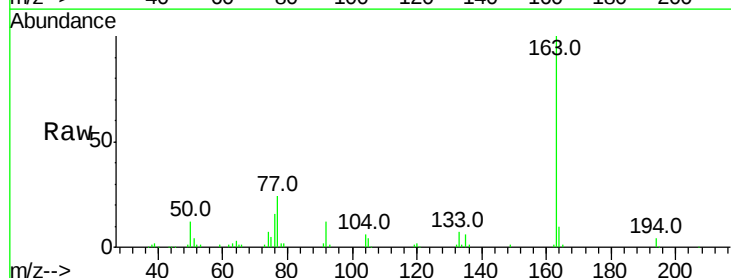
Instrument :
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EPE-108-6A(19-21)

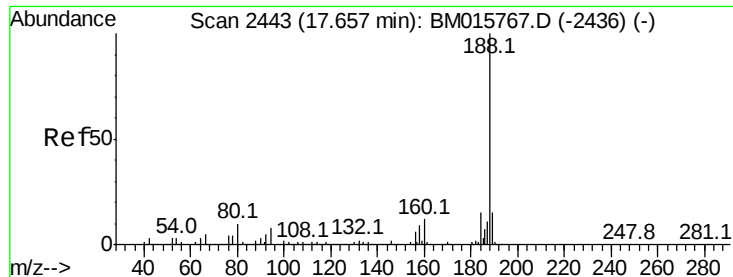
Tot Ion:172 Resp: 603253
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 23.9 18.8 28.2



#49
Dimethylphthalate
Concen: 14.934 ng
RT: 14.37 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BM015798.D
Acq: 06 Jul 2018 12:43

Tgt Ion:163 Resp: 138258
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.66 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BM015798.D

Acq: 06 Jul 2018 12:43

Instrument :

BNA_M

ClientSampleId :

EPE-108-6A(19-21)

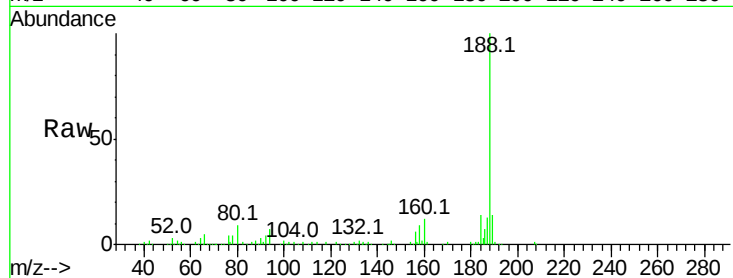
Tot Ion:188 Resp: 267498

Ion Ratio Lower Upper

188 100

94 7.3 8.7 13.1#

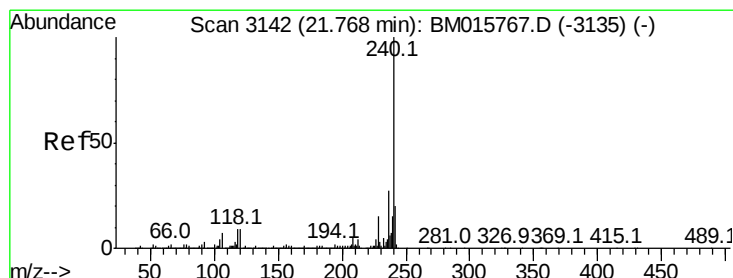
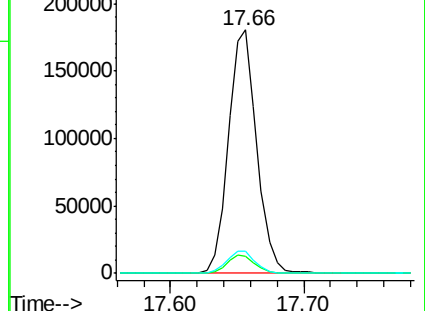
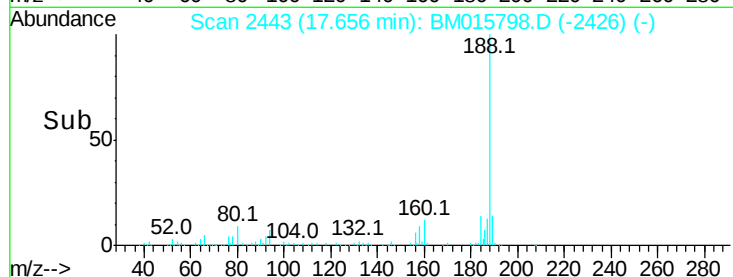
80 8.9 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM015798.D

Acq: 06 Jul 2018 12:43

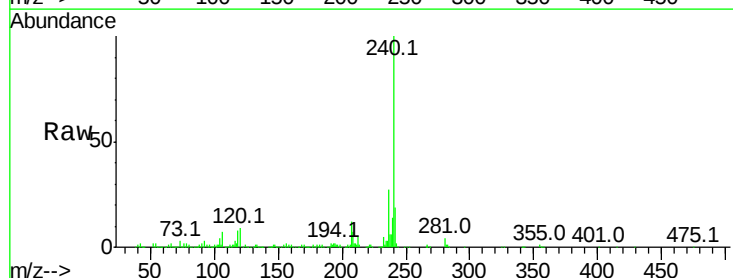
Tgt Ion:240 Resp: 383144

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

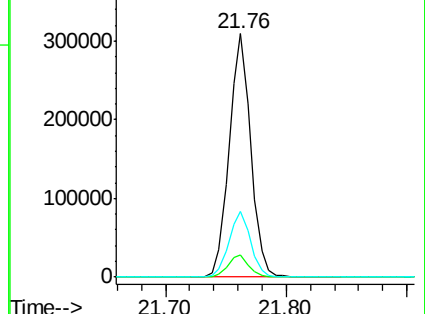
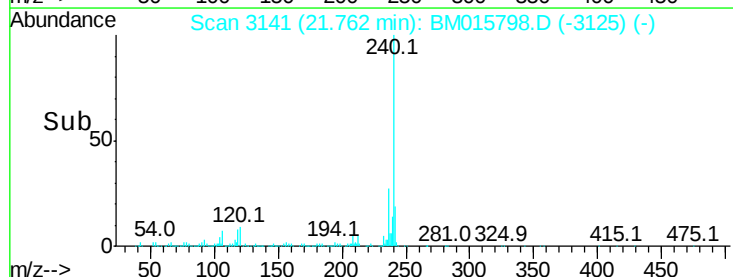
236 26.7 20.0 30.0

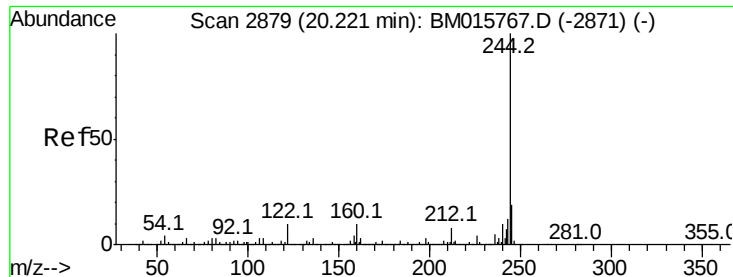


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: N.D. ng

RT: 20.22 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BM015798.D

Acq: 06 Jul 2018 12:43

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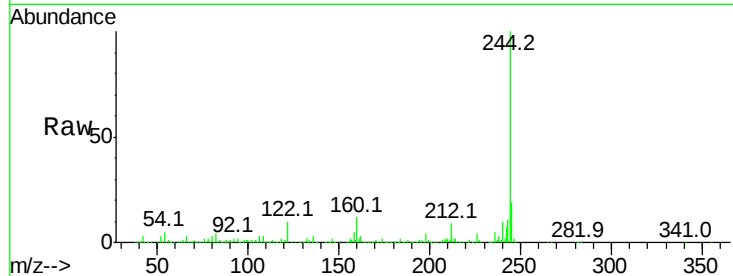
Tot Ion:244 Resp: 1169868

Ion Ratio Lower Upper

244 100

212 8.7 4.9 7.3#

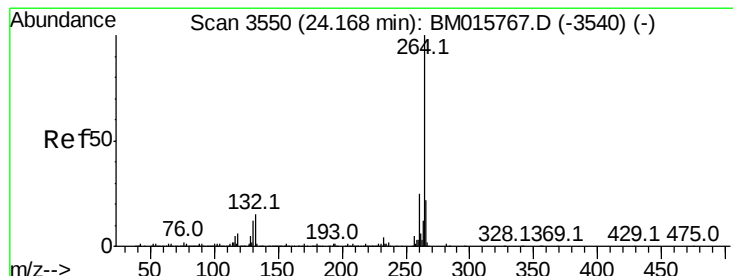
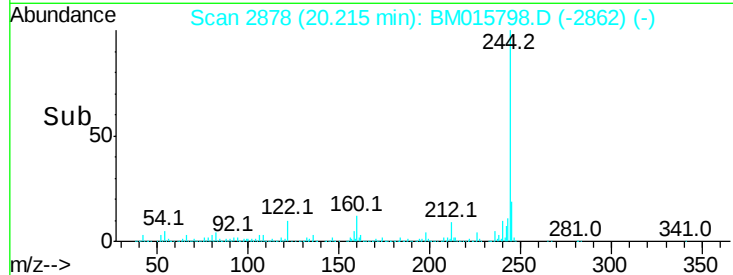
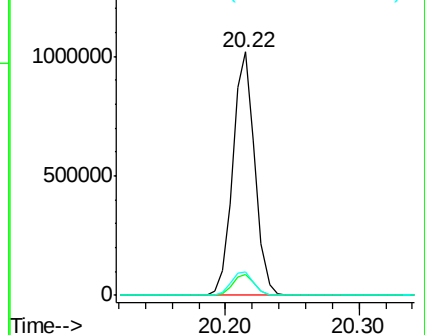
122 9.7 6.2 9.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.17 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BM015798.D

Acq: 06 Jul 2018 12:43

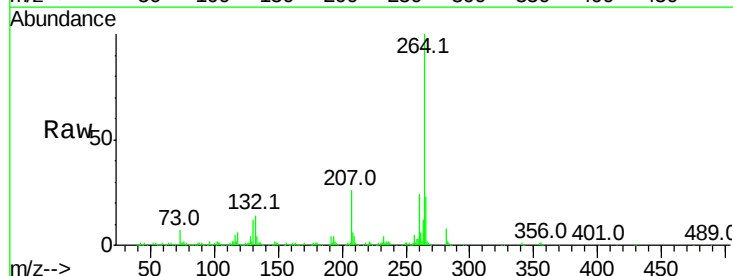
Tgt Ion:264 Resp: 463908

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

265 22.9 17.3 25.9



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

