

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
 Data File : BE098523.D
 Acq On : 19 Dec 2018 10:20
 Operator : SJ/JU
 Sample : J6405-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE105D1-20181210

Quant Time: Dec 20 14:40:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

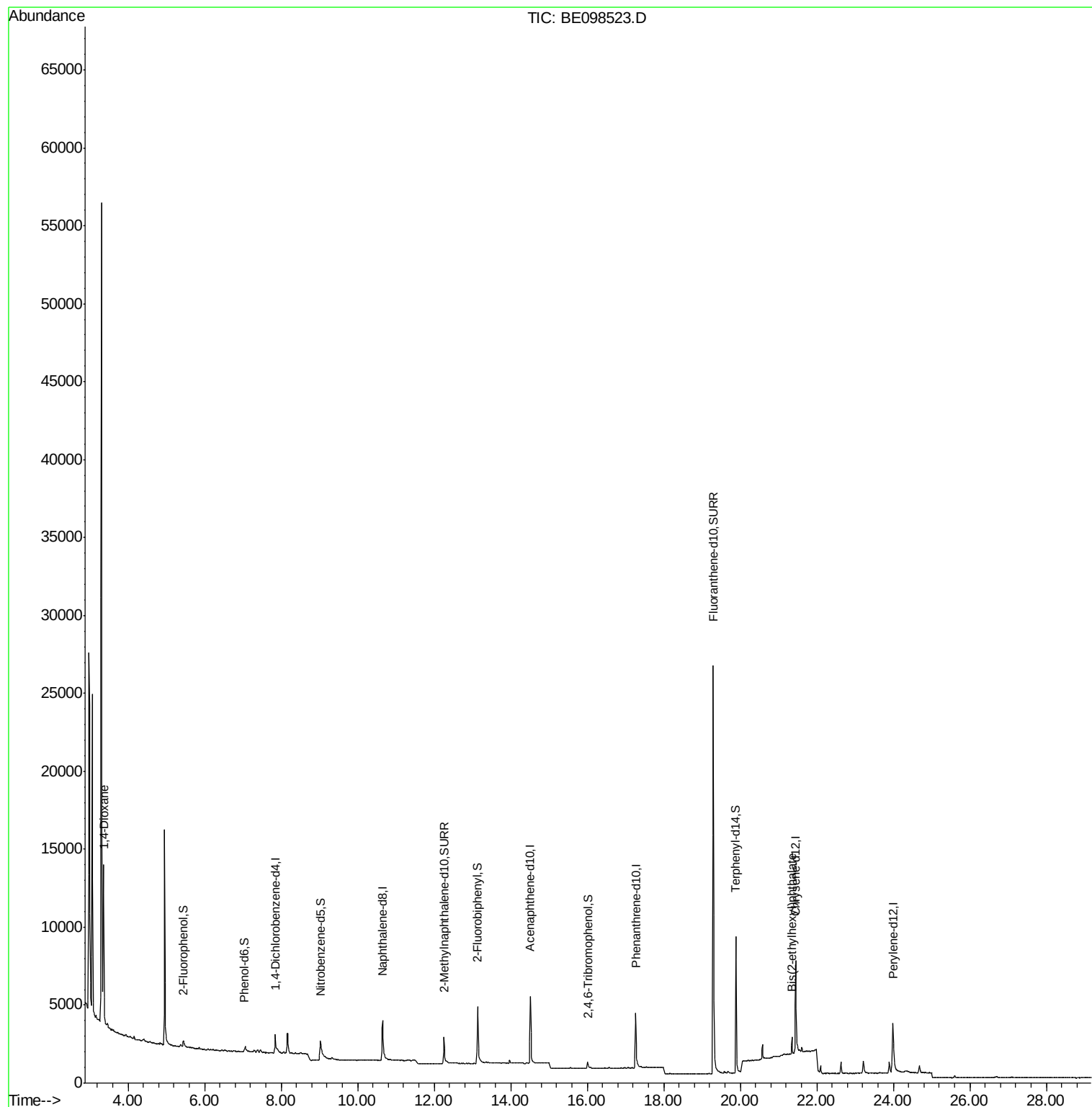
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	775	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3813	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2712	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	6692	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	7495	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6897	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	361	0.20	ng	0.00
5) Phenol-d6	7.05	99	348	0.14	ng	0.00
8) Nitrobenzene-d5	9.03	82	1159	0.33	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	2953	0.48	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	376	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	5134	0.45	ng	-0.01
25) Fluoranthene-d10	19.30	212	39806	0.46	ng	-0.01
29) Terphenyl-d14	19.89	244	8305	0.46	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.36	88	5560	4.148	ng	97
32) Bis(2-ethylhexyl)phthalate	21.35	149	1587	0.037	ng	98

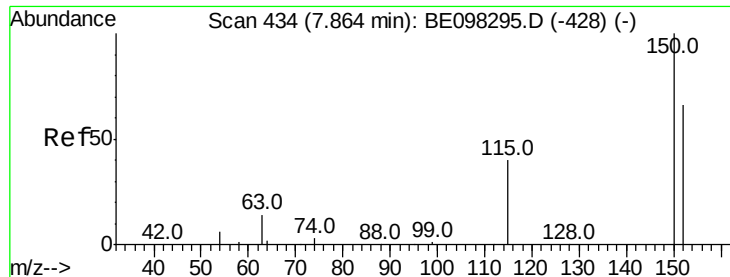
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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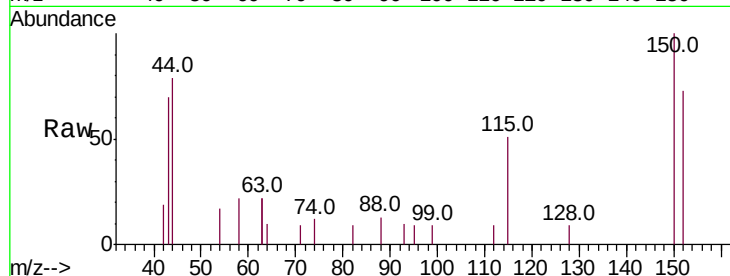


#1

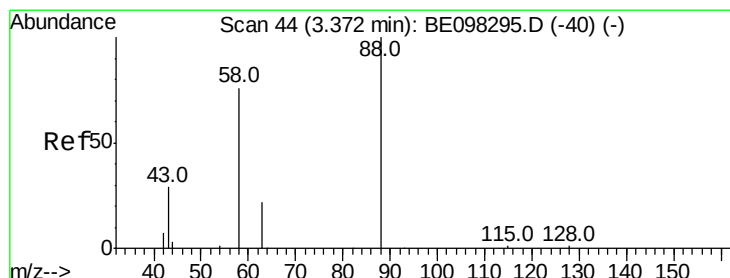
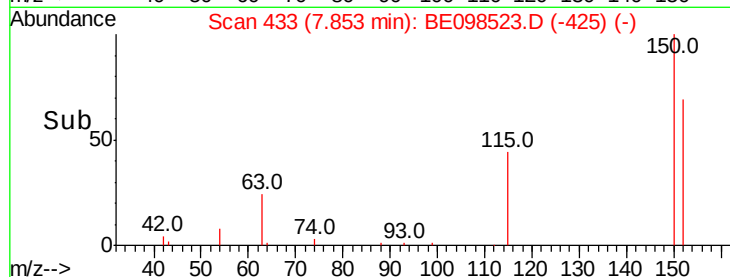
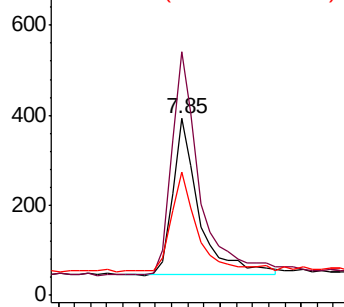
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Instrument :
BNA_E
ClientSampleId :
RE105D1-20181210

Tot Ion:152 Resp: 775
Ion Ratio Lower Upper
152 100
150 137.7 124.2 186.4
115 70.0 53.9 80.9



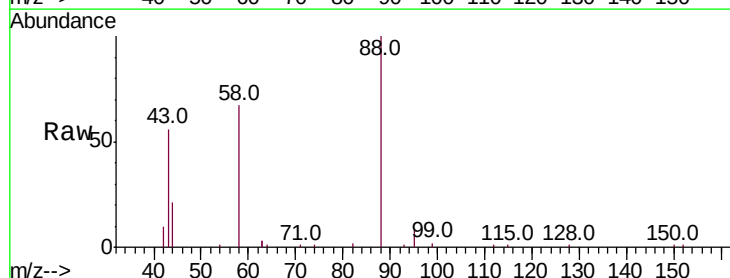
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



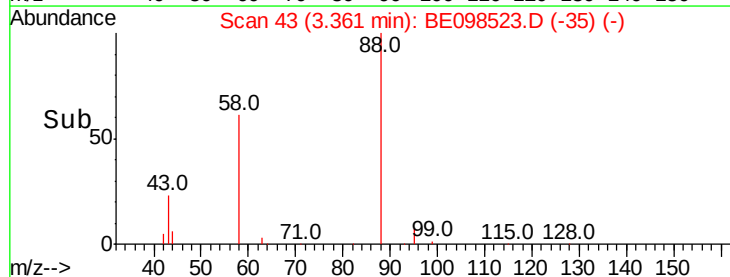
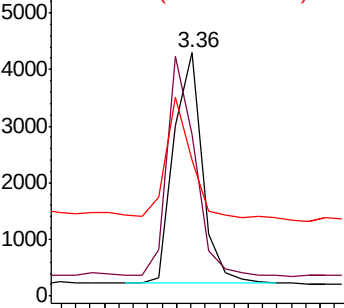
#2

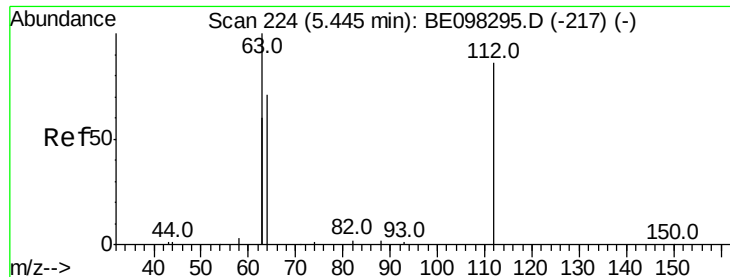
1,4-Dioxane
Concen: 4.148 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Tgt Ion: 88 Resp: 5560
Ion Ratio Lower Upper
88 100
58 91.8 75.0 112.6
43 45.6 38.3 57.5



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.199 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210

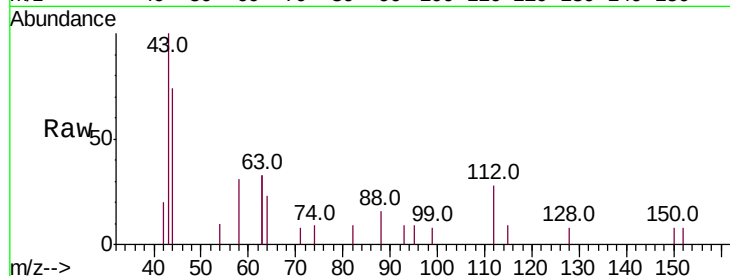
Tot Ion:112 Resp: 361

Ion Ratio Lower Upper

112 100

64 91.1 59.8 89.8#

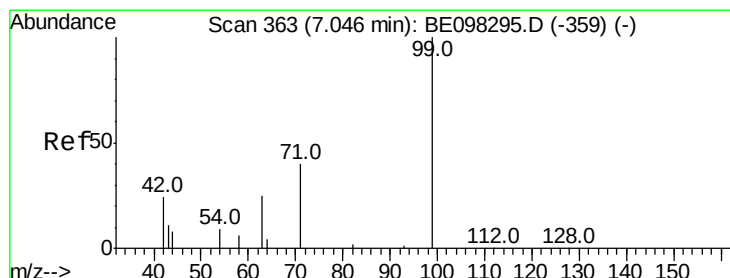
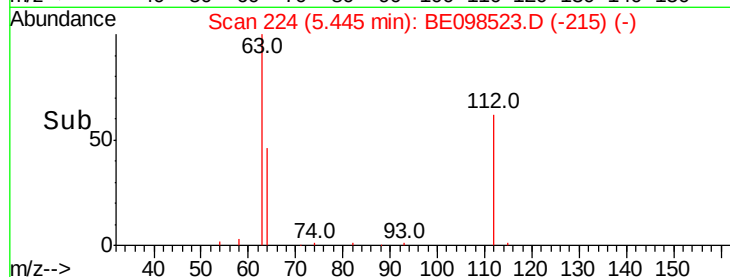
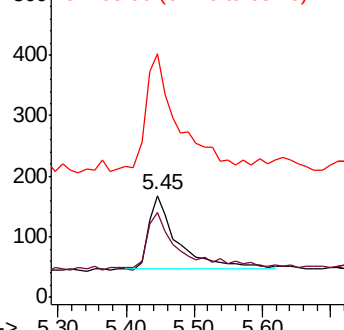
63 169.3 133.7 200.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.135 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

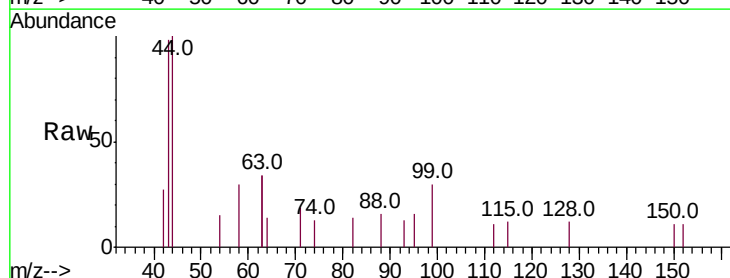
Tgt Ion: 99 Resp: 348

Ion Ratio Lower Upper

99 100

42 29.0 26.3 39.5

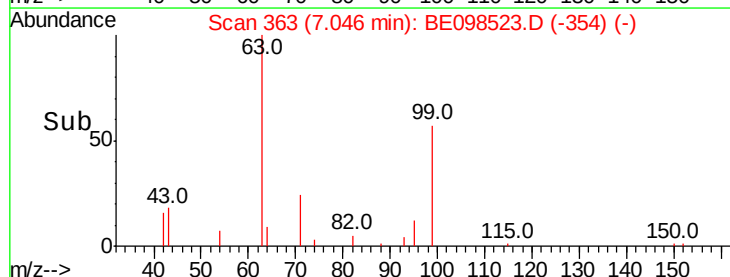
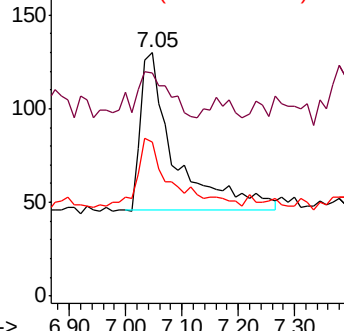
71 40.2 33.6 50.4

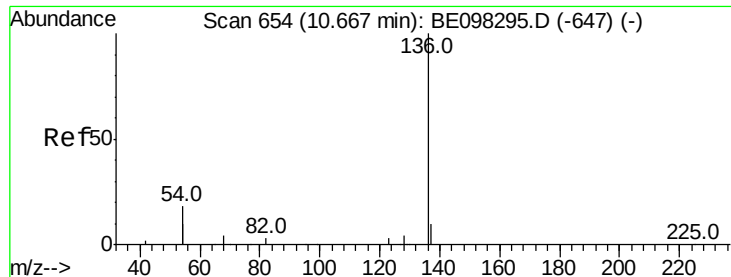


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210

Tot Ion:136 Resp: 3813

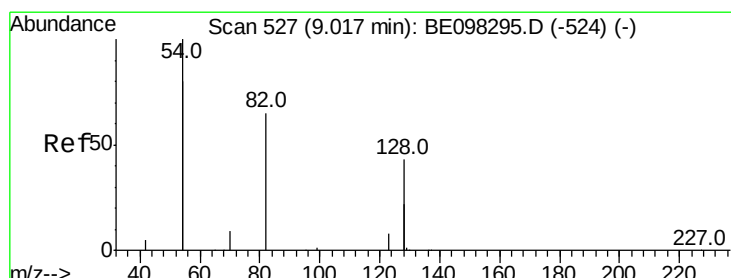
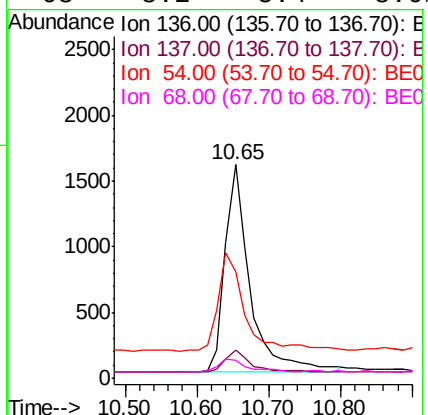
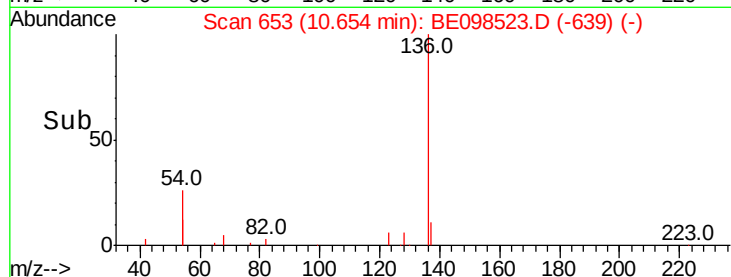
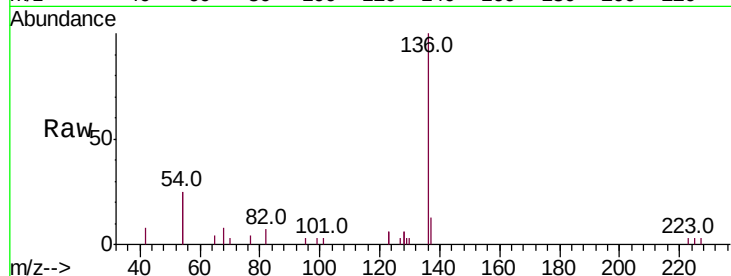
Ion Ratio Lower Upper

136 100

137 13.2 9.2 13.8

54 49.8 28.4 42.6#

68 8.2 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.334 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

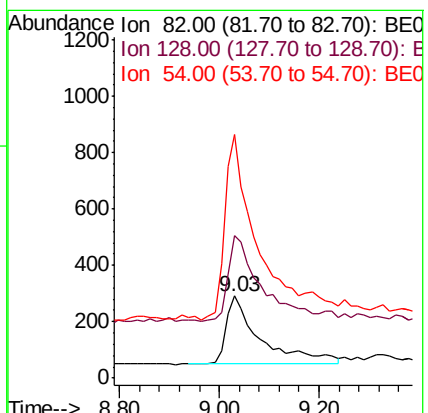
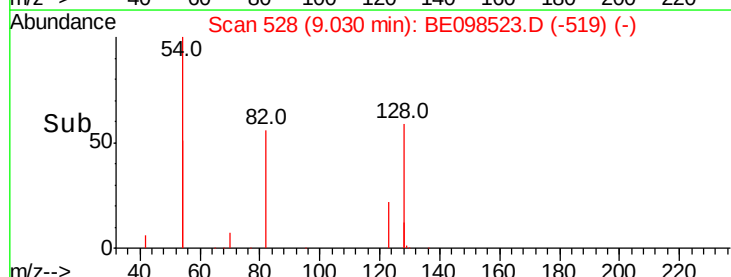
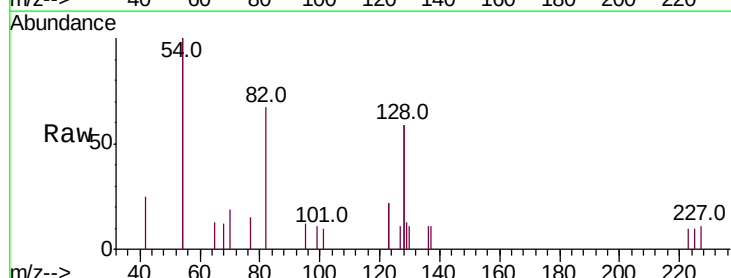
Tgt Ion: 82 Resp: 1159

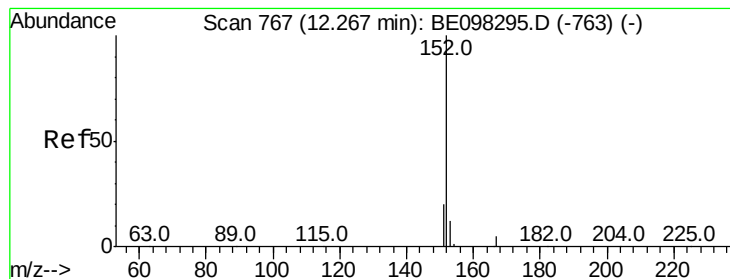
Ion Ratio Lower Upper

82 100

128 175.2 102.4 153.6#

54 297.9 221.8 332.8





#11

2-Methylnaphthalene-d10

Concen: 0.476 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

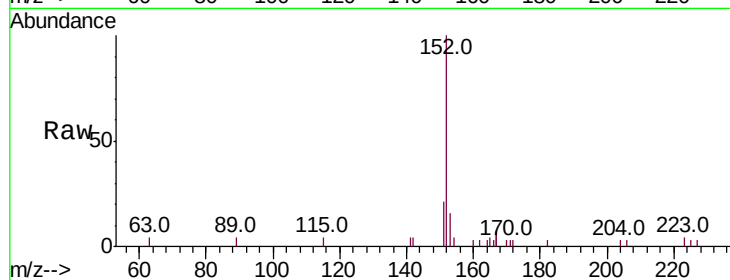
RE105D1-20181210

Tot Ion:152 Resp: 2953

Ion Ratio Lower Upper

152 100

151 19.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.25

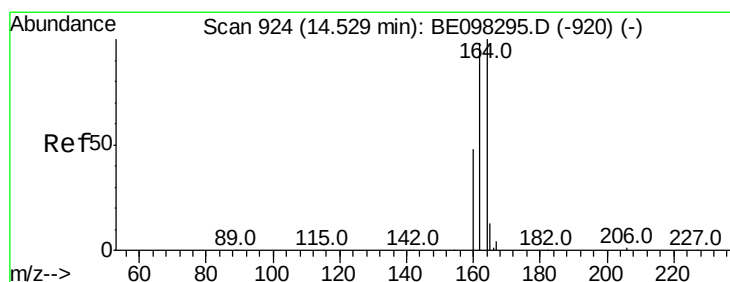
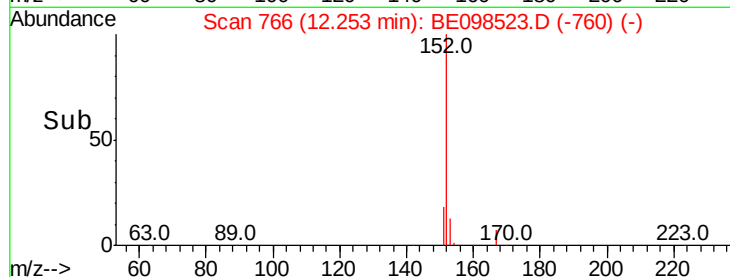
1500

1000

500

0

Time--> 12.10 12.20 12.30 12.40



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

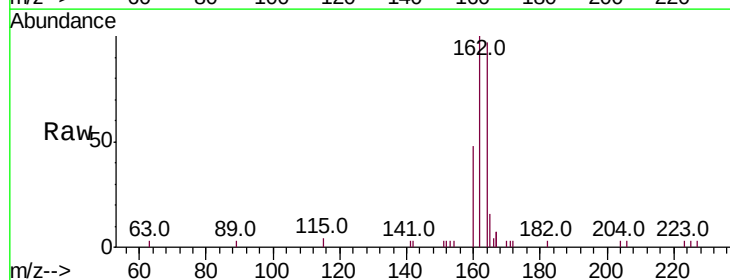
Tgt Ion:164 Resp: 2712

Ion Ratio Lower Upper

164 100

162 103.1 77.6 116.4

160 50.0 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

14.51

2000

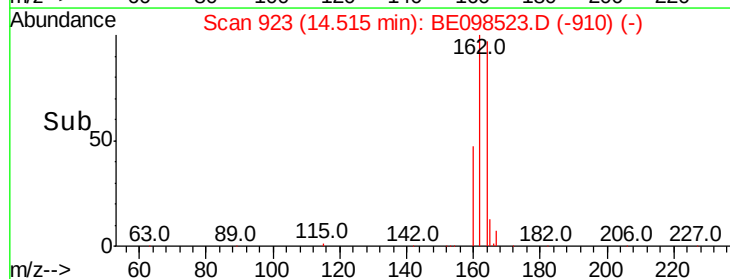
1500

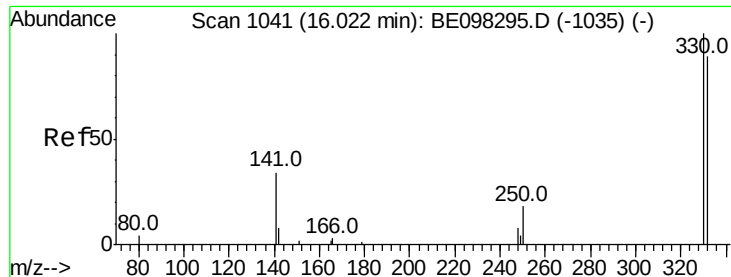
1000

500

0

Time--> 14.40 14.50 14.60





#14

2,4,6-Tribromophenol

Concen: 0.378 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210

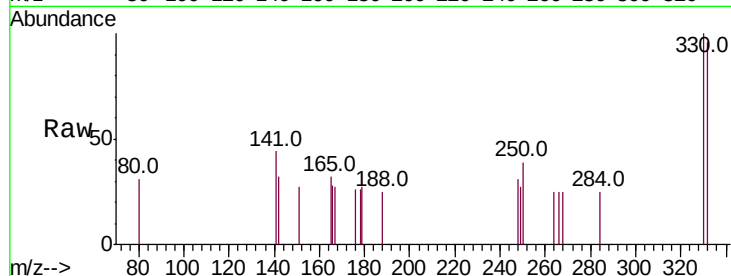
Tot Ion:330 Resp: 376

Ion Ratio Lower Upper

330 100

332 97.6 76.2 114.4

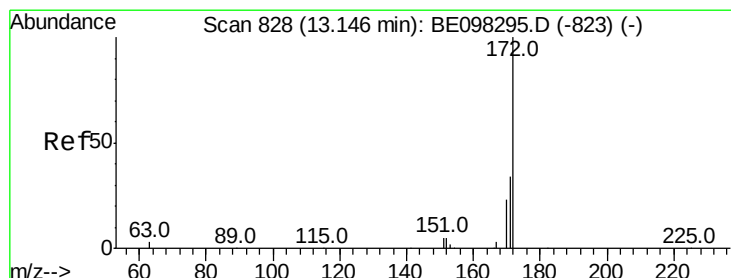
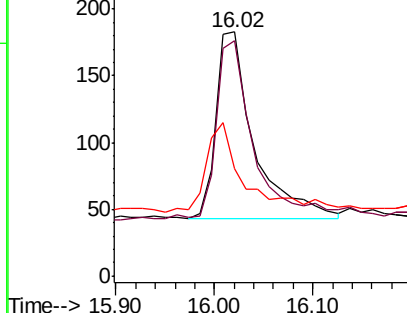
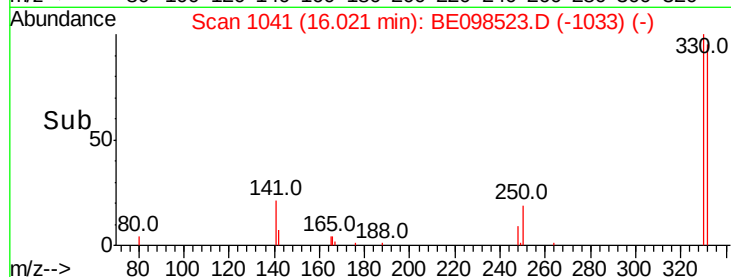
141 50.5 39.0 58.4



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 0.449 ng

RT: 13.13 min Scan# 827

Delta R.T. -0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

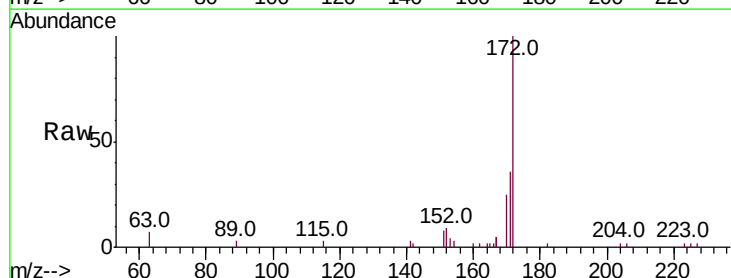
Tgt Ion:172 Resp: 5134

Ion Ratio Lower Upper

172 100

171 36.4 27.5 41.3

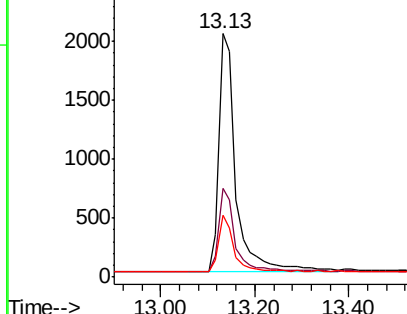
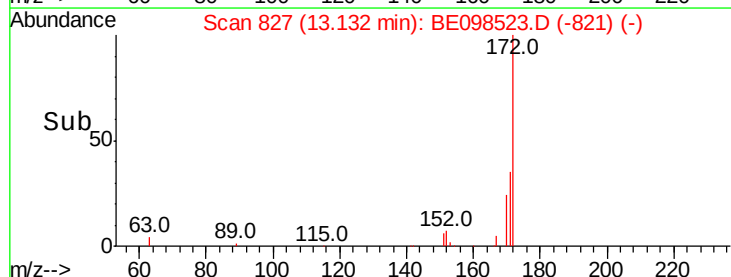
170 25.4 19.6 29.4

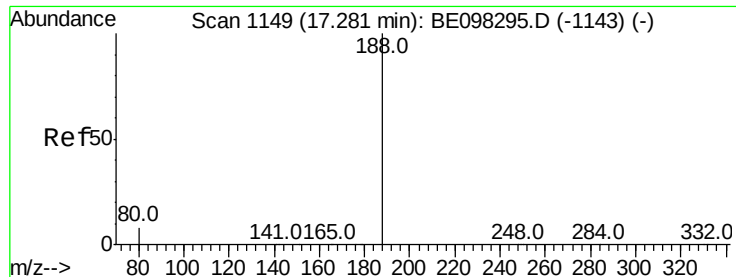


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

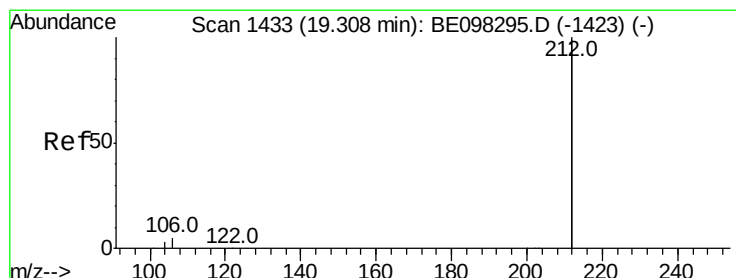
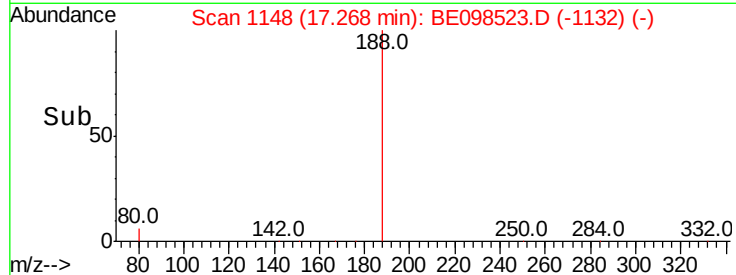
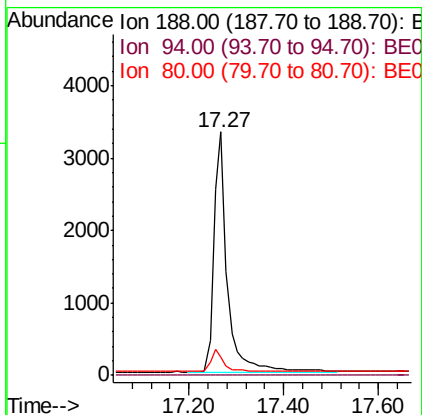
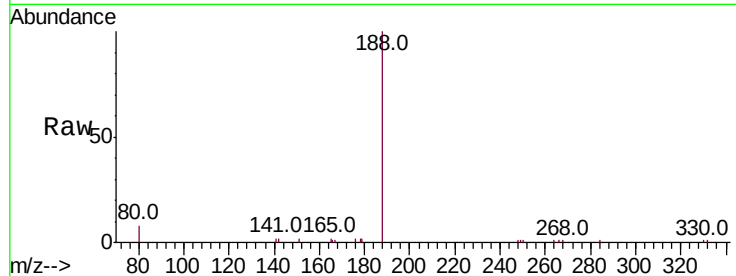




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

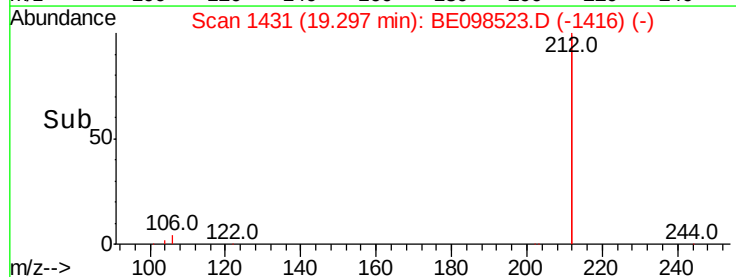
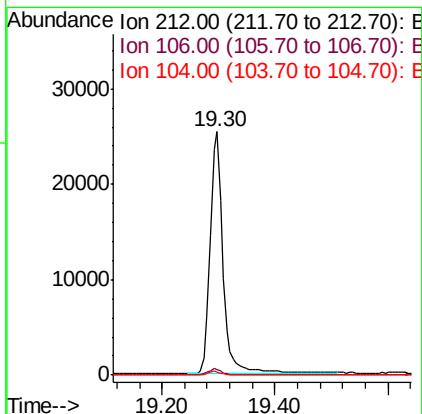
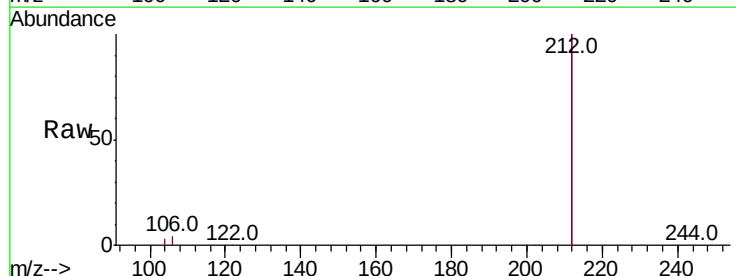
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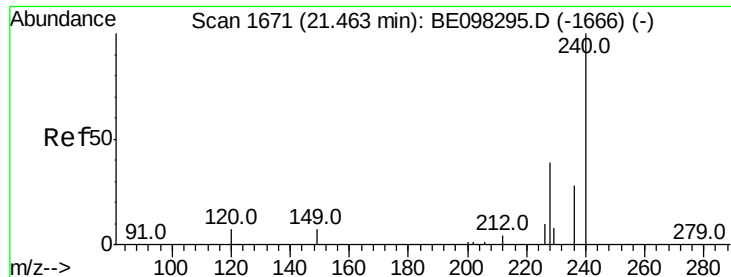
Tot Ion:188 Resp: 6692
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.7 7.2 10.8



#25
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.30 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BE098523.D
Acq: 19 Dec 2018 10:20

Tgt Ion:212 Resp: 39806
Ion Ratio Lower Upper
212 100
106 2.3 2.2 3.2
104 1.5 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210

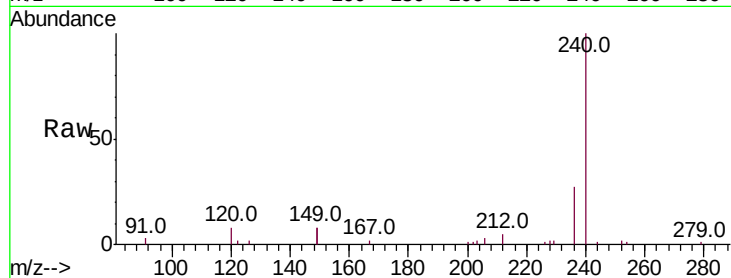
Tot Ion:240 Resp: 7495

Ion Ratio Lower Upper

240 100

120 8.4 9.5 14.3#

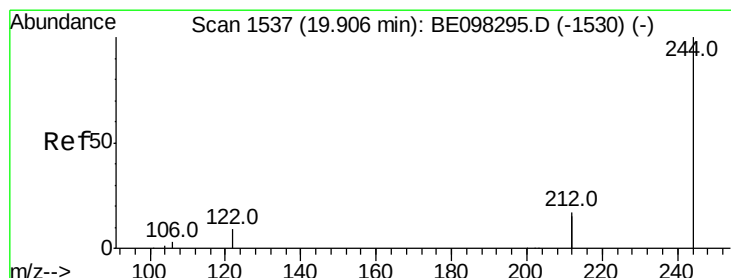
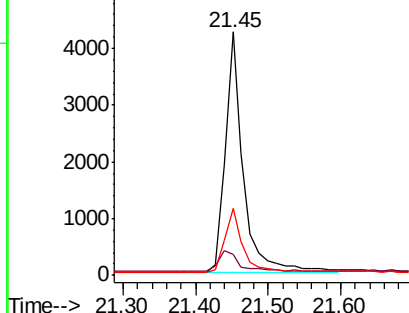
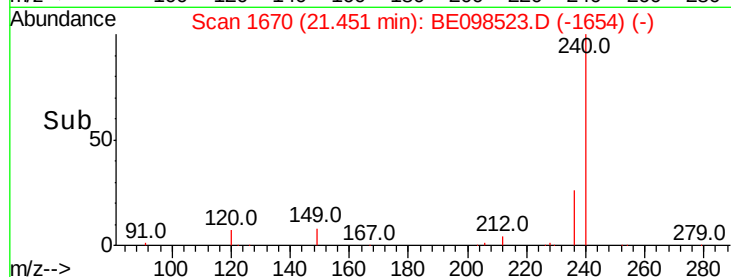
236 27.4 22.7 34.1



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



#29

Terphenyl-d14

Concen: 0.456 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

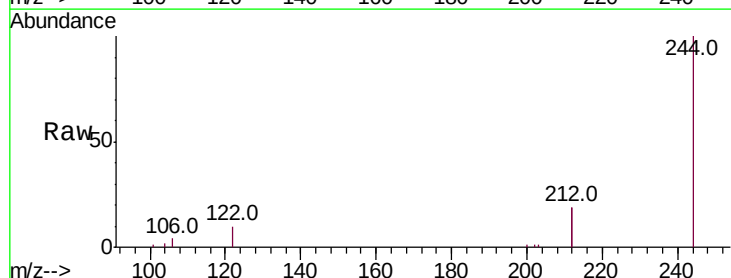
Tgt Ion:244 Resp: 8305

Ion Ratio Lower Upper

244 100

212 37.1 27.4 41.0

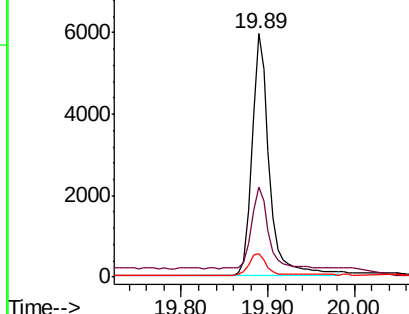
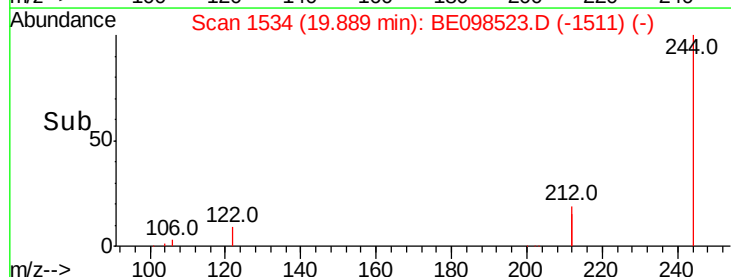
122 9.6 8.3 12.5

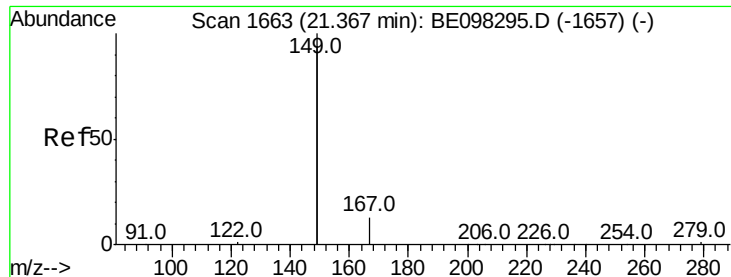


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.037 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

Instrument :

BNA_E

ClientSampleId :

RE105D1-20181210

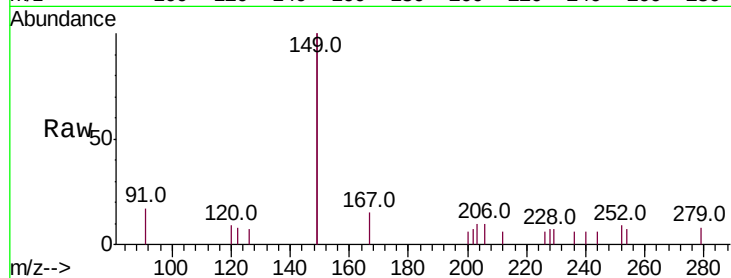
Tot Ion:149 Resp: 1587

Ion Ratio Lower Upper

149 100

167 6.5 5.7 8.5

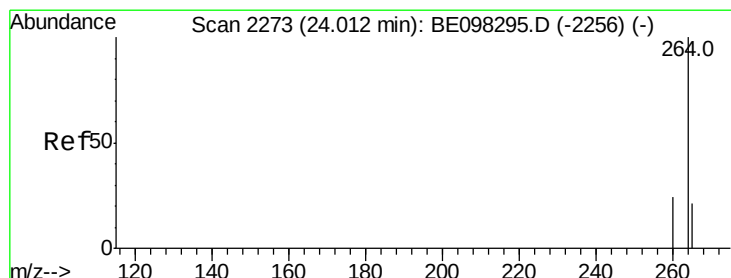
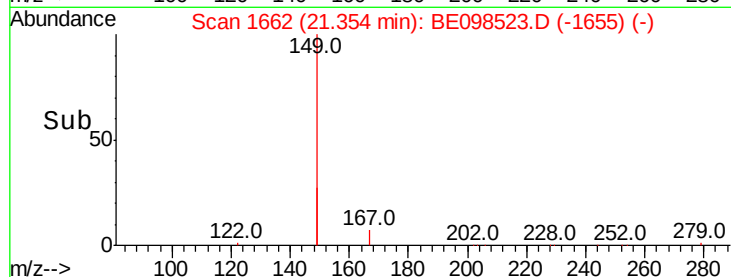
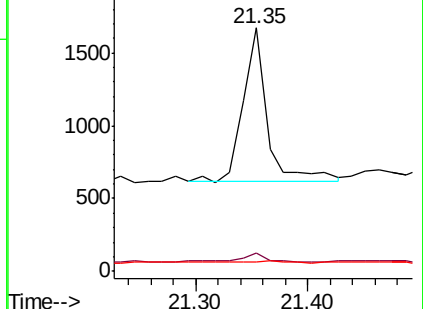
279 1.3 1.0 1.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.99 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BE098523.D

Acq: 19 Dec 2018 10:20

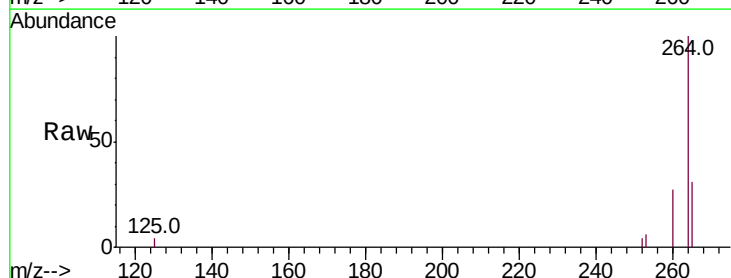
Tgt Ion:264 Resp: 6897

Ion Ratio Lower Upper

264 100

260 26.9 20.2 30.2

265 30.9 25.2 37.8



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

