

Data File : BE098611.D
Acq On : 2 Jan 2019 17:06
Operator : SJ/JU
Sample : J6591-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
FB03_122718

Quant Time: Jan 03 01:15:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 02 10:30:27 2019
Response via : Initial Calibration

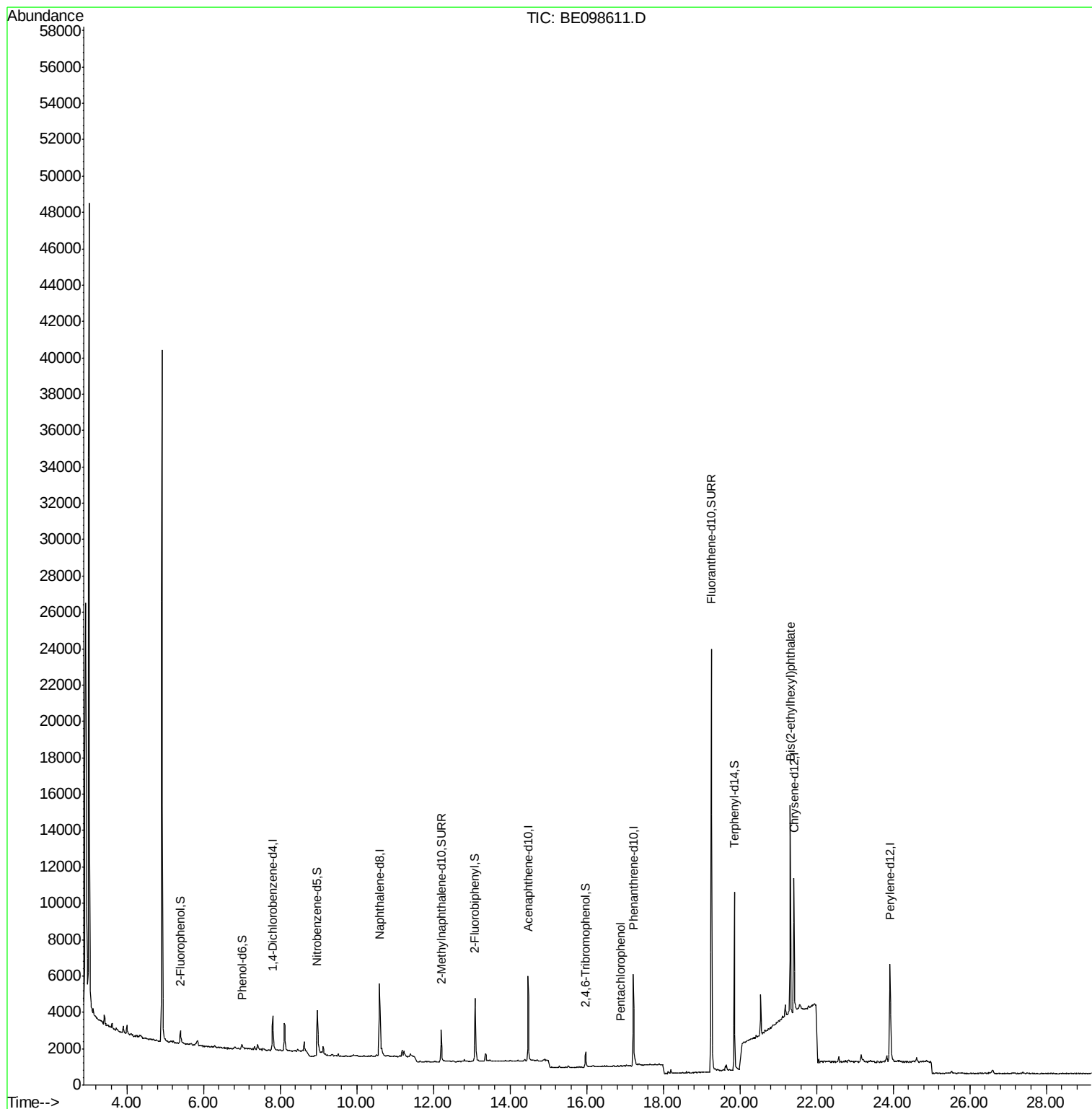
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1038	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4785	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3123	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	7241	0.40	ng	0.00
27) Chrysene-d12	21.41	240	8475	0.40	ng	0.01
34) Perylene-d12	23.92	264	8144	0.40	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.40	112	438	0.18	ng	0.02
5) Phenol-d6	7.00	99	333	0.10	ng	0.02
8) Nitrobenzene-d5	8.96	82	1431	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	2656	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	549	0.48	ng	0.01
15) 2-Fluorobiphenyl	13.09	172	3998	0.30	ng	0.00
25) Fluoranthene-d10	19.26	212	32951	0.35	ng	0.00
29) Terphenyl-d14	19.85	244	8784	0.43	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.90	266	24	0.054	ng	Qvalue # 82
32) Bis(2-ethylhexyl)phthalate	21.32	149	12918	0.264	ng	98

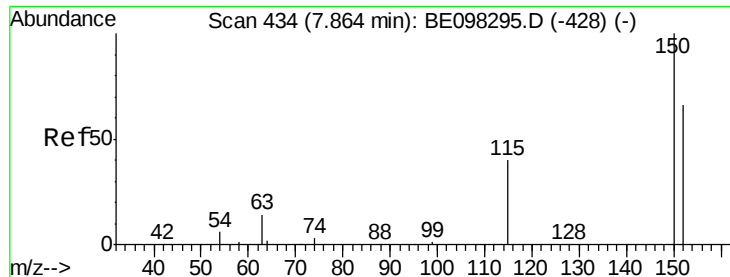
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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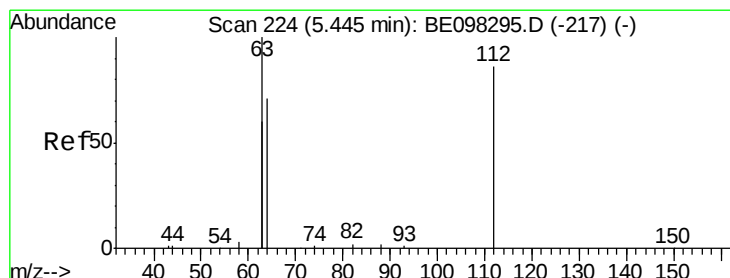
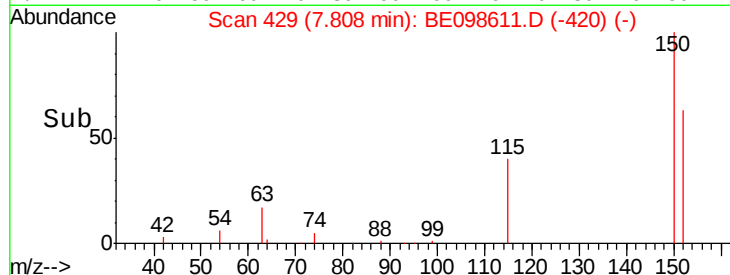
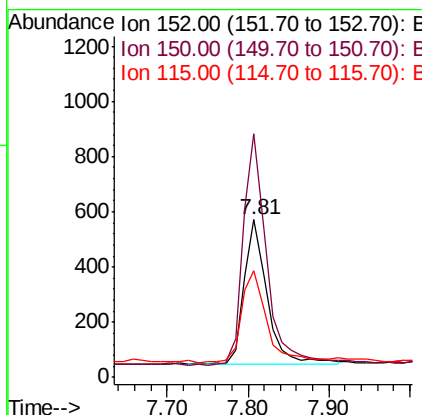
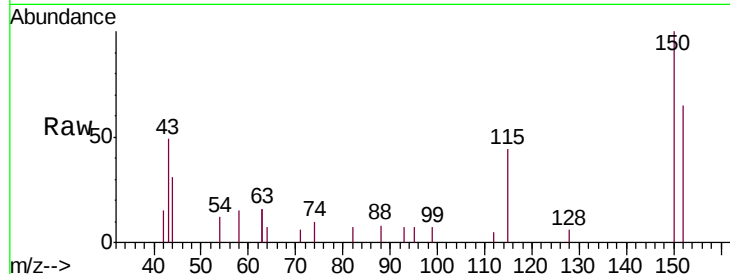




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.81 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BE098611.D
 Acq: 2 Jan 2019 17:06

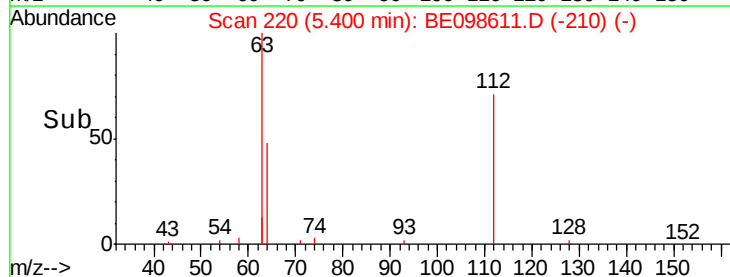
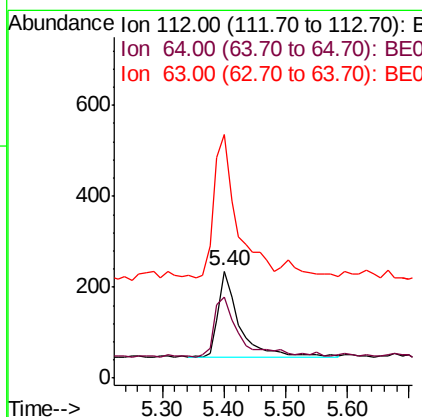
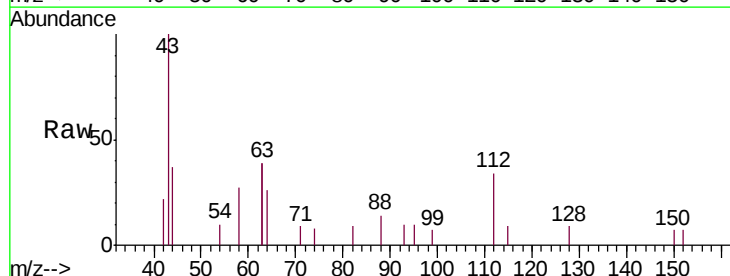
Instrument :
 BNA_E
 ClientSampleId :
 FB03_122718

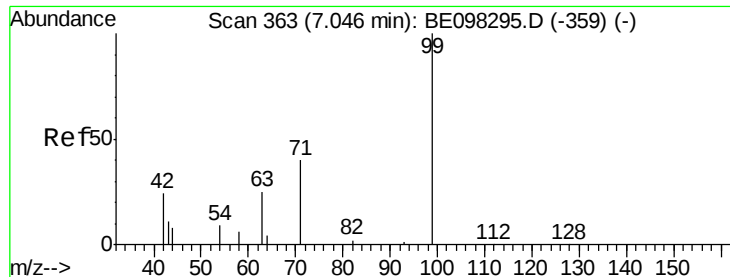
Tgt Ion:152 Resp: 1038
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.2 186.4
 115 67.6 53.9 80.9



#4
 2-Fluorophenol
 Concen: 0.180 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.02 min
 Lab File: BE098611.D
 Acq: 2 Jan 2019 17:06

Tgt Ion:112 Resp: 438
 Ion Ratio Lower Upper
 112 100
 64 80.6 59.8 89.8
 63 179.9 133.7 200.5





#5

Phenol-d6

Concen: 0.097 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.02 min

Lab File: BE098611.D

Acq: 2 Jan 2019 17:06

Instrument :

BNA_E

ClientSampleId :

FB03_122718

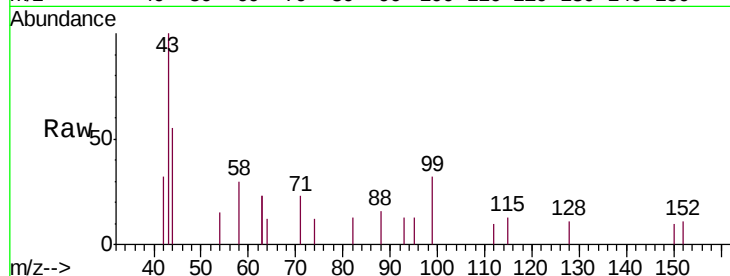
Tgt Ion: 99 Resp: 333

Ion Ratio Lower Upper

99 100

42 26.4 26.3 39.5

71 49.2 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

7.00

150

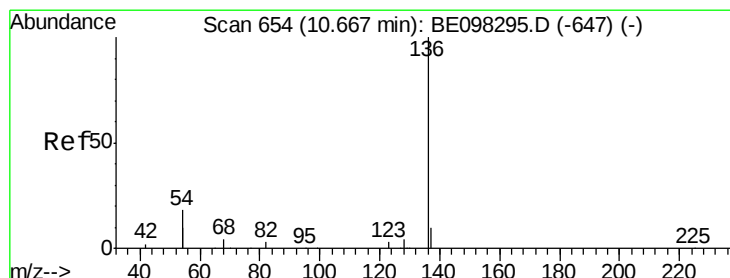
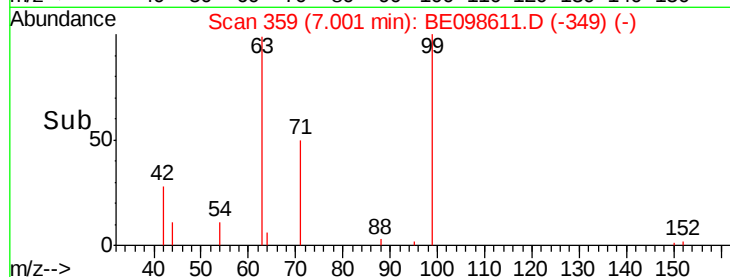
100

50

0

6.90 7.00 7.10

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BE098611.D

Acq: 2 Jan 2019 17:06

Tgt Ion: 136 Resp: 4785

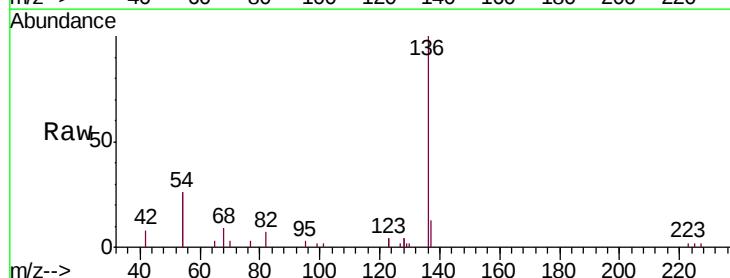
Ion Ratio Lower Upper

136 100

137 13.3 9.2 13.8

54 53.0 28.4 42.6#

68 8.9 5.4 8.0#



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): BE0

Ion 68.00 (67.70 to 68.70): BE0

10.60

3000

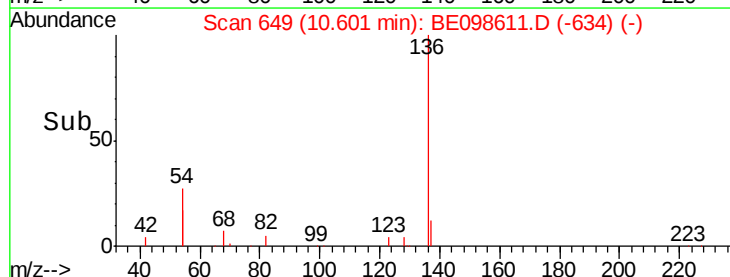
2000

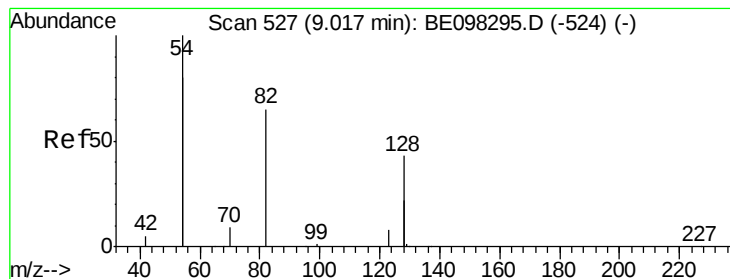
1000

0

10.50 10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.329 ng

RT: 8.96 min Scan# 523

Delta R.T. 0.01 min

Lab File: BE098611.D

Acq: 2 Jan 2019 17:06

Instrument :

BNA_E

ClientSampleId :

FB03_122718

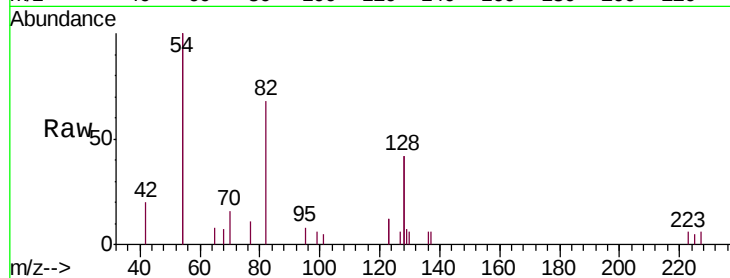
Tgt Ion: 82 Resp: 1431

Ion Ratio Lower Upper

82 100

128 124.5 102.4 153.6

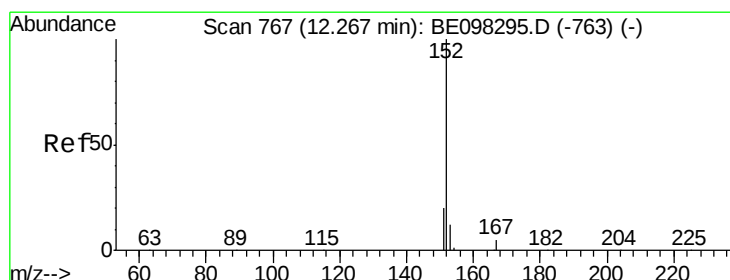
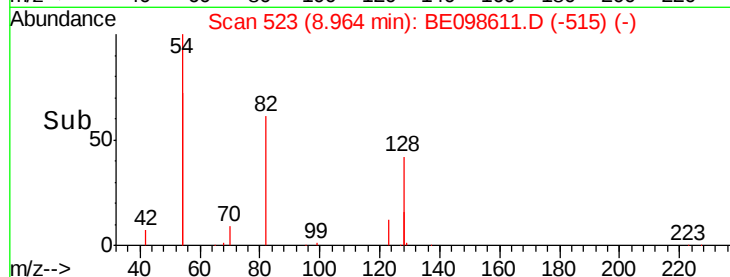
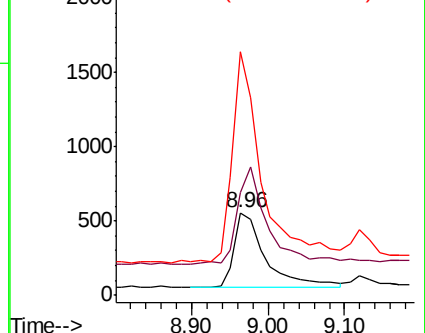
54 294.6 221.8 332.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE098611.D

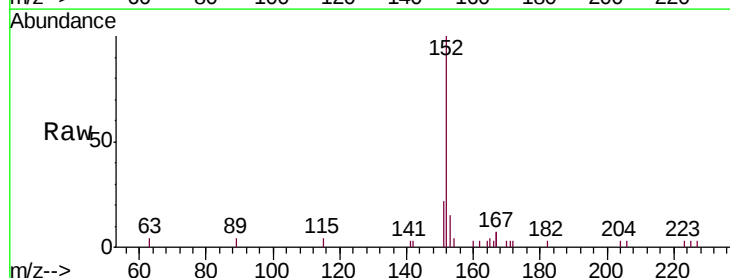
Acq: 2 Jan 2019 17:06

Tgt Ion: 152 Resp: 2656

Ion Ratio Lower Upper

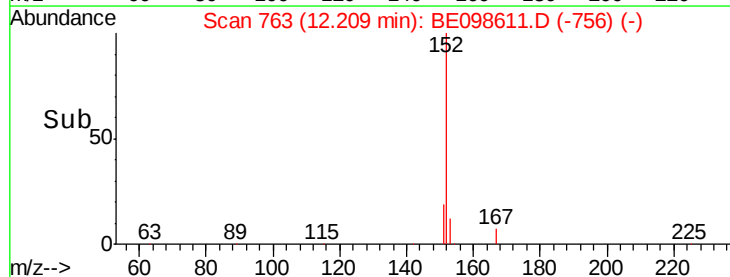
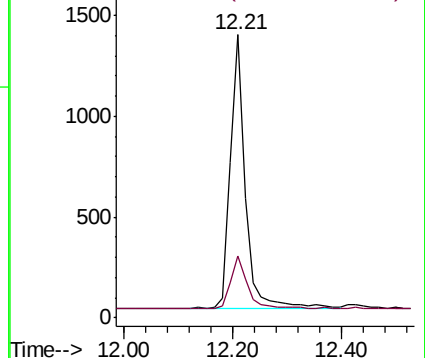
152 100

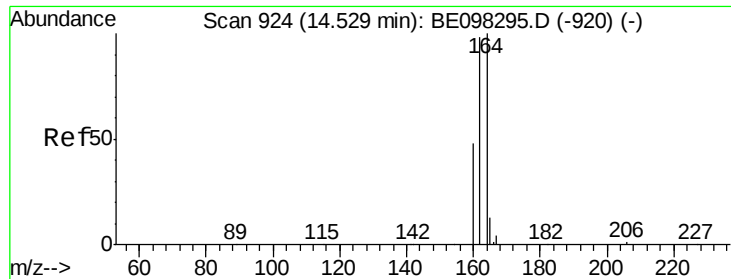
151 20.8 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

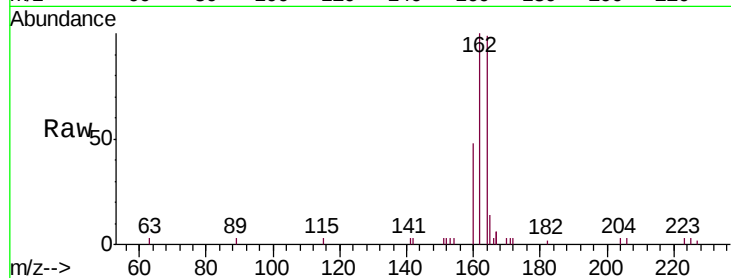




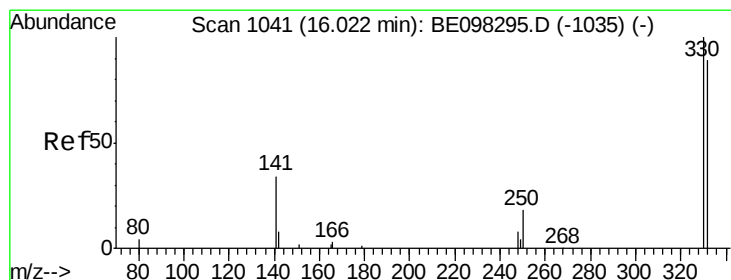
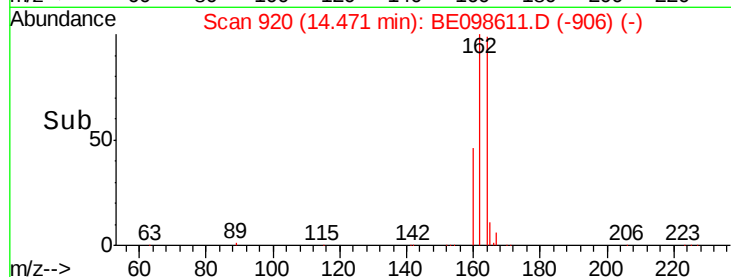
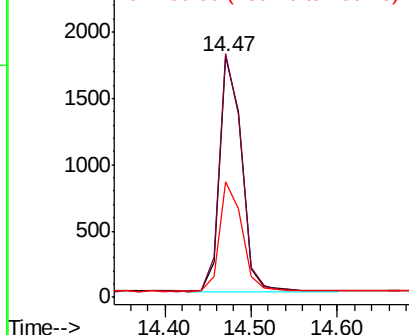
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE098611.D
Acq: 2 Jan 2019 17:06

Instrument :
BNA_E
ClientSampleId :
FB03_122718

Tgt Ion:164 Resp: 3123
Ion Ratio Lower Upper
164 100
162 101.3 77.6 116.4
160 48.3 36.0 54.0

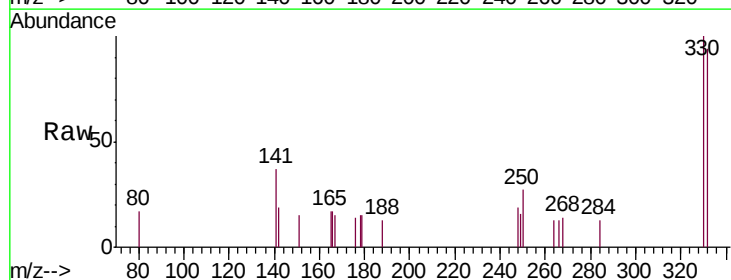


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

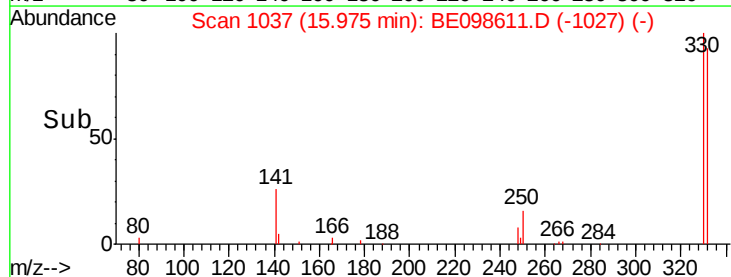
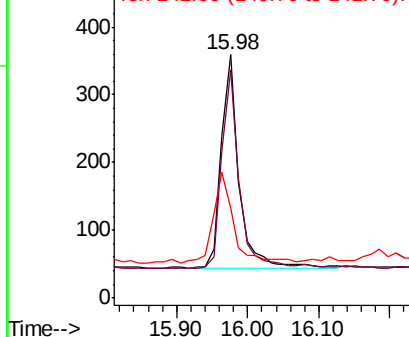


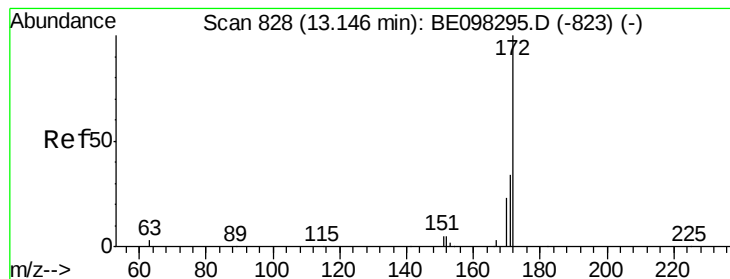
#14
2,4,6-Tribromophenol
Concen: 0.479 ng
RT: 15.98 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BE098611.D
Acq: 2 Jan 2019 17:06

Tgt Ion:330 Resp: 549
Ion Ratio Lower Upper
330 100
332 92.9 76.2 114.4
141 47.4 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

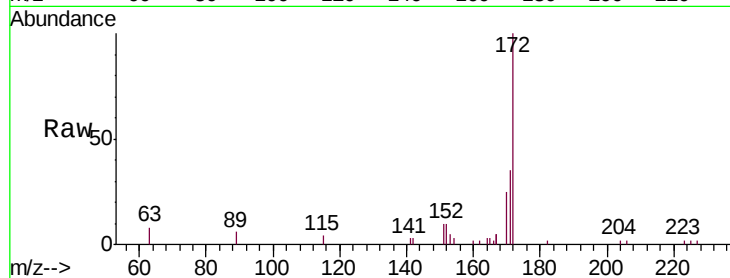




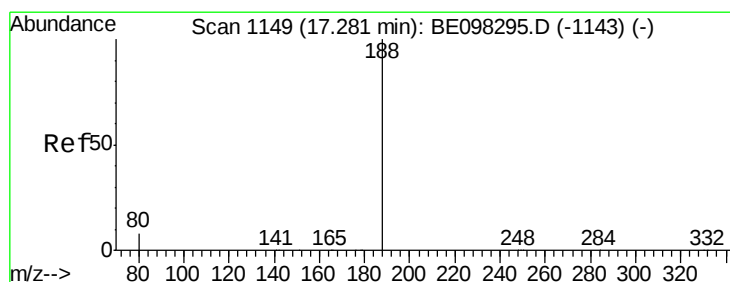
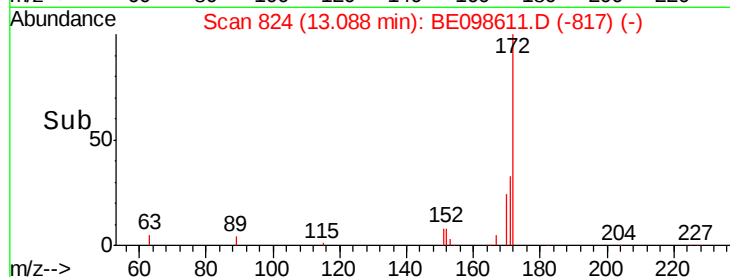
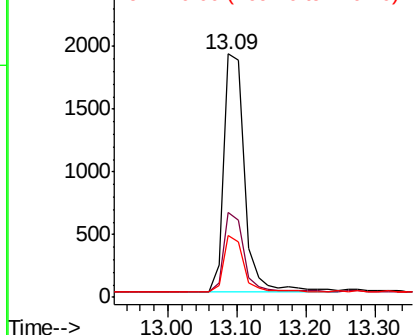
#15
2-Fluorobiphenyl
Concen: 0.304 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098611.D
Acq: 2 Jan 2019 17:06

Instrument :
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ClientSampleId :
FB03_122718

Tgt Ion:172 Resp: 3998
Ion Ratio Lower Upper
172 100
171 34.7 27.5 41.3
170 25.3 19.6 29.4

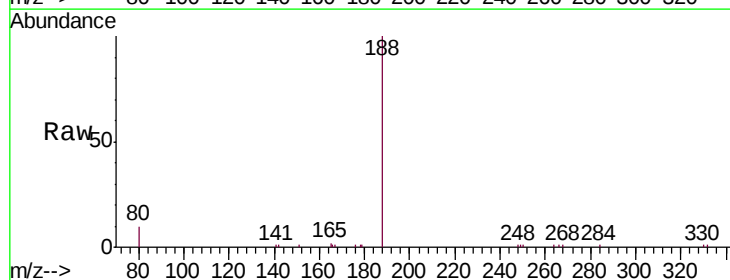


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

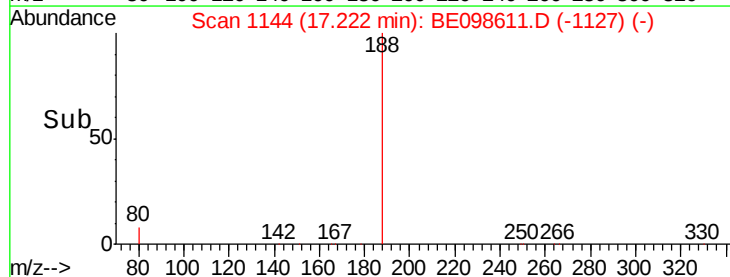
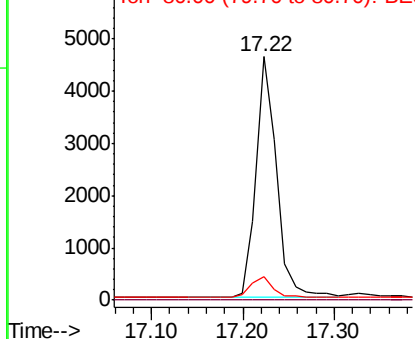


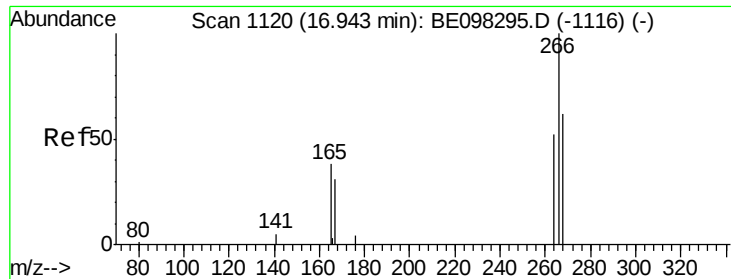
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BE098611.D
Acq: 2 Jan 2019 17:06

Tgt Ion:188 Resp: 7241
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

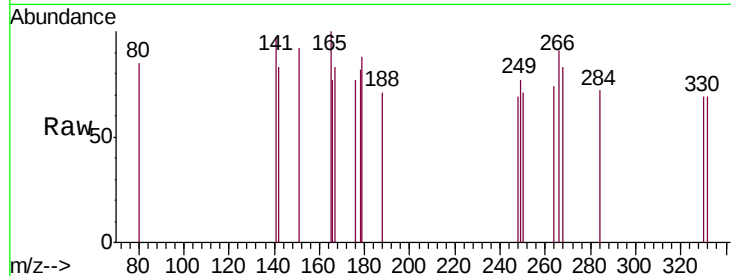




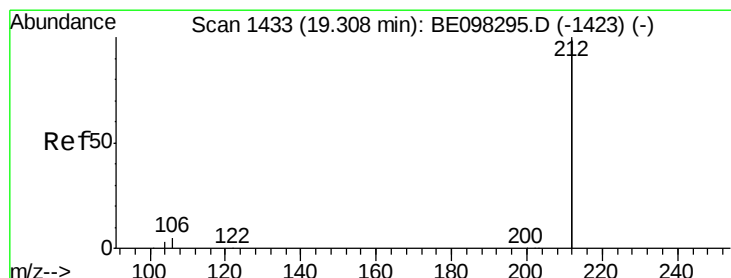
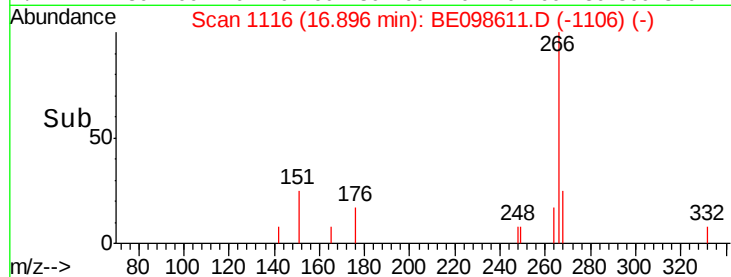
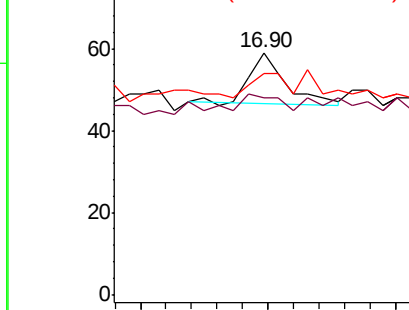
#22
 Pentachlorophenol
 Concen: 0.054 ng
 RT: 16.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BE098611.D
 Acq: 2 Jan 2019 17:06

Instrument :
 BNA_E
 ClientSampleId :
 FB03_122718

Tgt Ion: 266 Resp: 24
 Ion Ratio Lower Upper
 266 100
 264 81.4 59.0 88.4
 268 91.5 55.1 82.7#

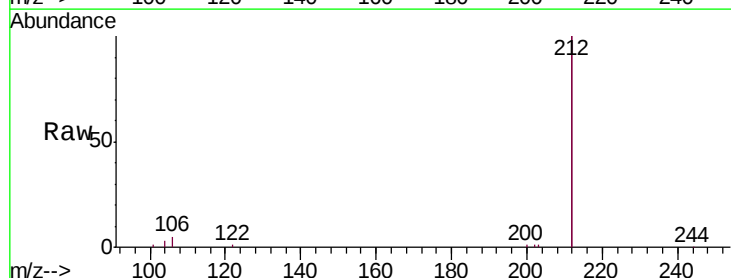


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

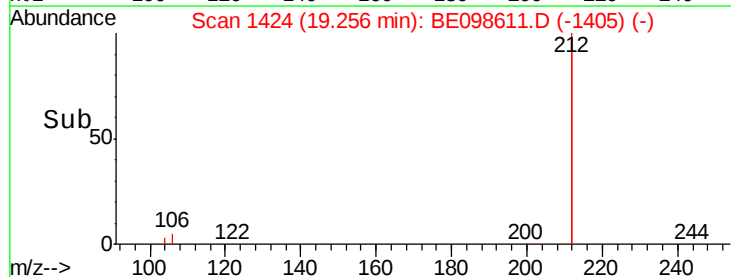
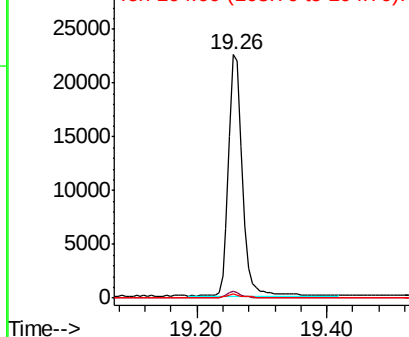


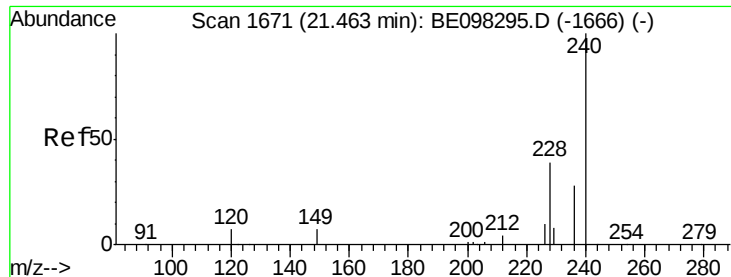
#25
 Fluoranthene-d10
 Concen: 0.355 ng
 RT: 19.26 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BE098611.D
 Acq: 2 Jan 2019 17:06

Tgt Ion: 212 Resp: 32951
 Ion Ratio Lower Upper
 212 100
 106 2.2 2.2 3.2
 104 1.4 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BE098611.D

Acq: 2 Jan 2019 17:06

Instrument :

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ClientSampleId :

FB03_122718

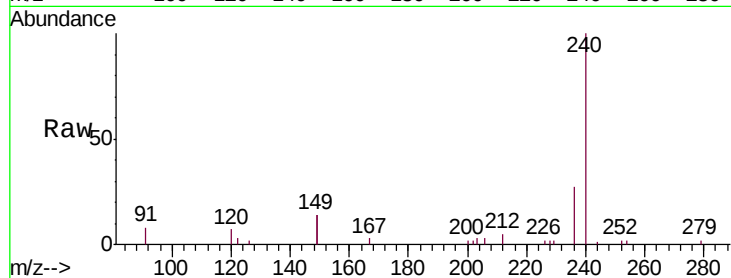
Tgt Ion:240 Resp: 8475

Ion Ratio Lower Upper

240 100

120 6.5 9.5 14.3#

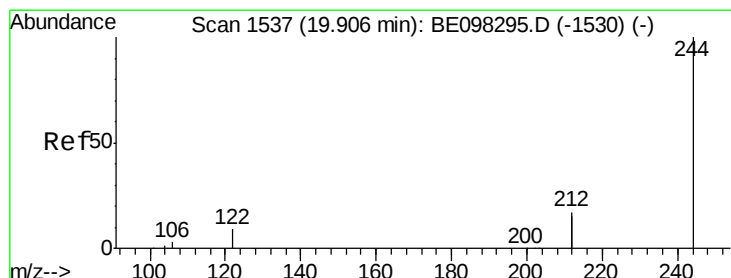
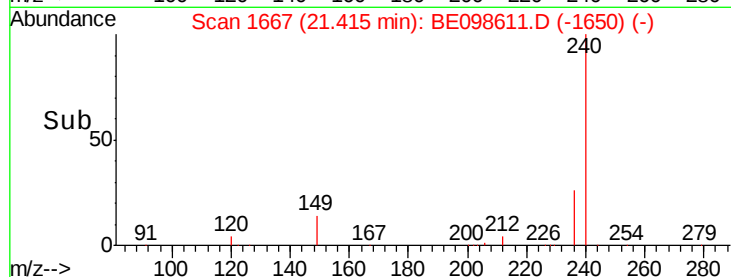
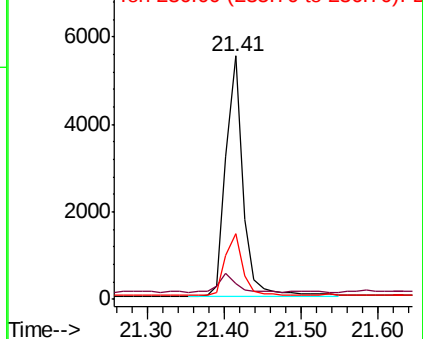
236 27.1 22.7 34.1



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: 0.427 ng

RT: 19.85 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BE098611.D

Acq: 2 Jan 2019 17:06

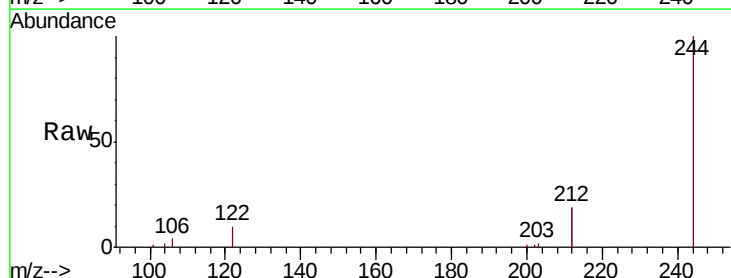
Tgt Ion:244 Resp: 8784

Ion Ratio Lower Upper

244 100

212 37.1 27.4 41.0

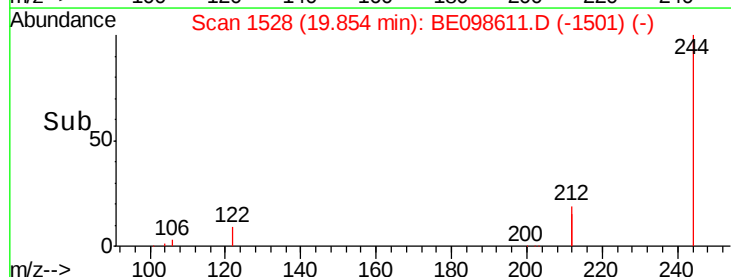
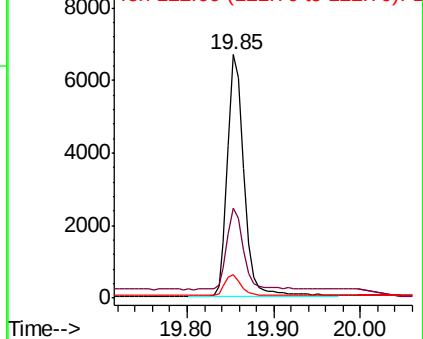
122 9.6 8.3 12.5

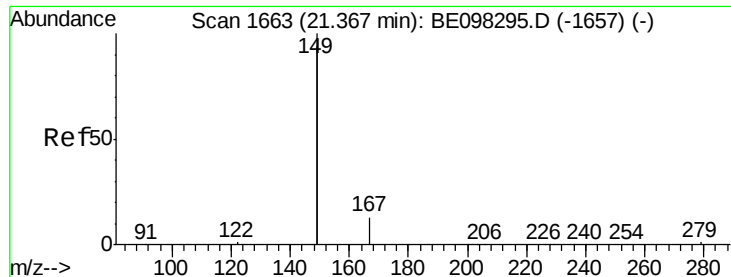


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.264 ng

RT: 21.32 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BE098611.D

Acq: 2 Jan 2019 17:06

Instrument :

BNA_E

ClientSampleId :

FB03_122718

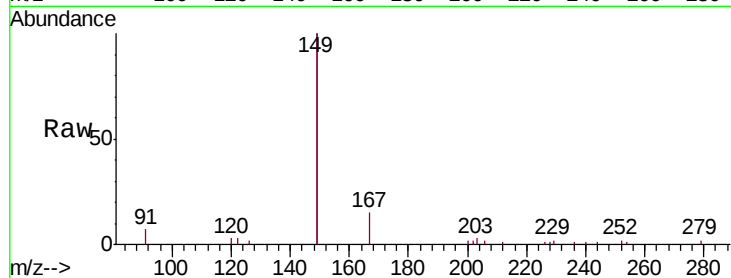
Tgt Ion:149 Resp: 12918

Ion Ratio Lower Upper

149 100

167 6.5 5.7 8.5

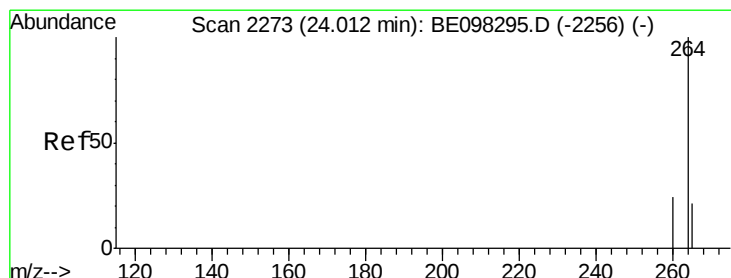
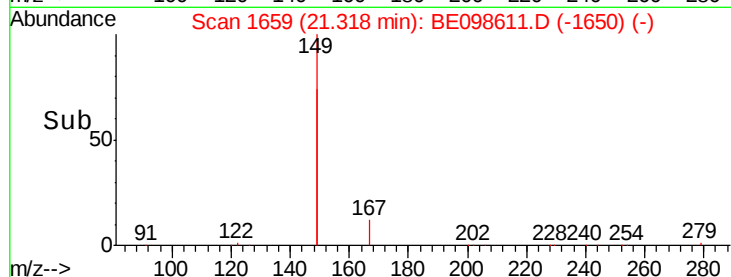
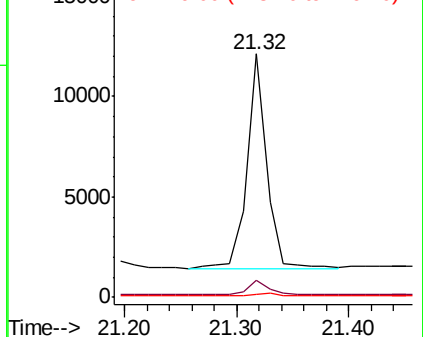
279 1.3 1.0 1.4



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: 23.92 min Scan# 2248

Delta R.T. -0.03 min

Lab File: BE098611.D

Acq: 2 Jan 2019 17:06

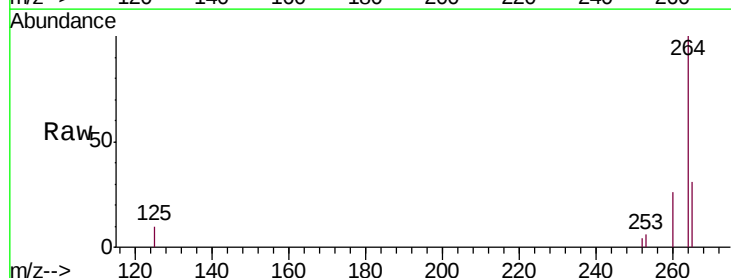
Tgt Ion:264 Resp: 8144

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

265 31.1 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

