

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011519\
 Data File : BE098631.D
 Acq On : 15 Jan 2019 17:09
 Operator : SJ/JU
 Sample : J6598-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B3_122818

Quant Time: Jan 16 00:42:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 14:30:55 2019
 Response via : Initial Calibration

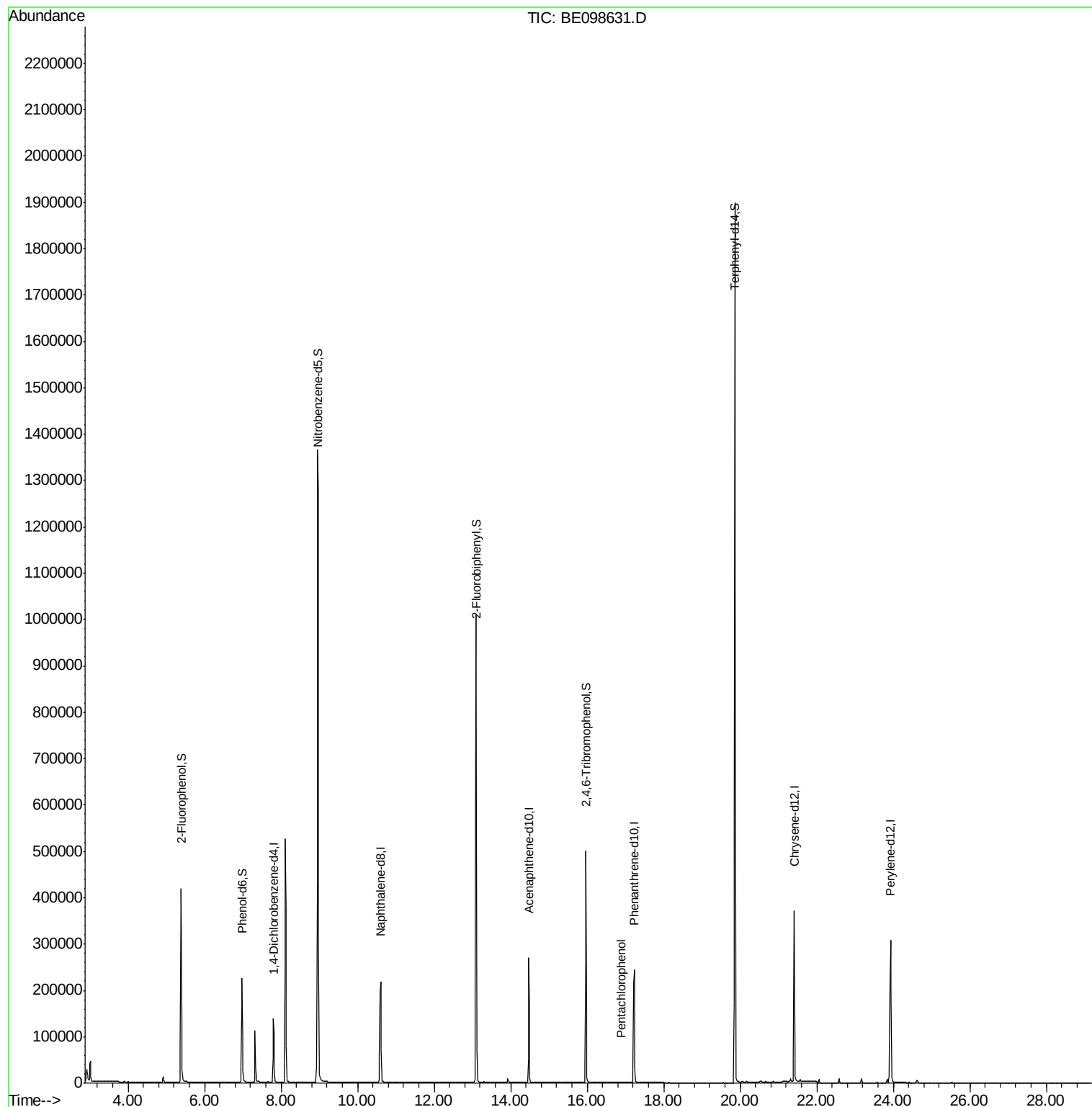
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	63678	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	252600	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	162999	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	394824	0.40	ng	0.00
27) Chrysene-d12	21.41	240	450495	0.40	ng	0.00
34) Perylene-d12	23.93	264	448023	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	191945	1.13	ng	0.00
5) Phenol-d6	6.98	99	171299	0.71	ng	-0.02
8) Nitrobenzene-d5	8.97	82	511816	2.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	36	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	264436	3.73	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	1075767	1.61	ng	0.01
25) Fluoranthene-d10	19.26	212	37	0.00	ng	0.00
29) Terphenyl-d14	19.86	244	1706934	1.71	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.89	266	20	0.204	ng	Qvalue # 67

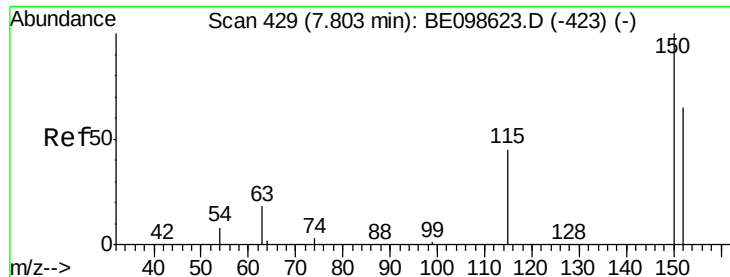
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 428

Delta R.T. -0.01 min

Lab File: BE098631.D

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Instrument :

BNA_E

ClientSampleId :

B3_122818

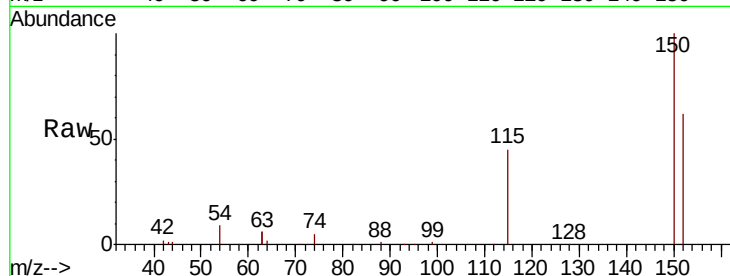
Tgt Ion:152 Resp: 63678

Ion Ratio Lower Upper

152 100

150 162.0 121.4 182.2

115 73.3 59.1 88.7

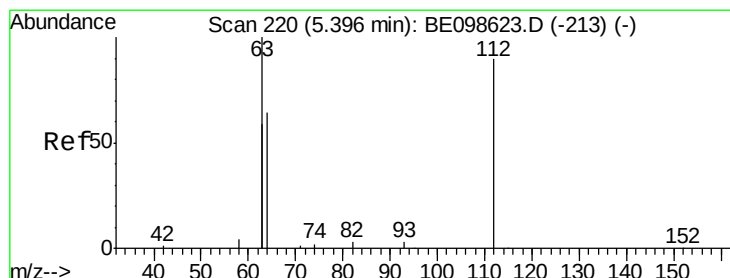
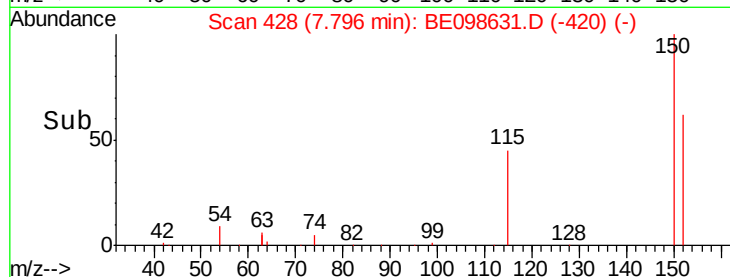
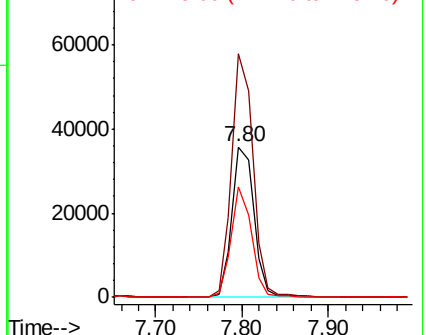


Abundance

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



#4

2-Fluorophenol

Concen: 1.130 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.01 min

Lab File: BE098631.D

Acq: 15 Jan 2019 17:09

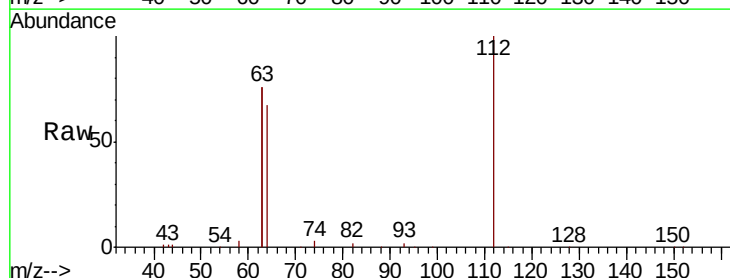
Tgt Ion:112 Resp: 191945

Ion Ratio Lower Upper

112 100

64 79.5 62.9 94.3

63 189.5 152.2 228.4

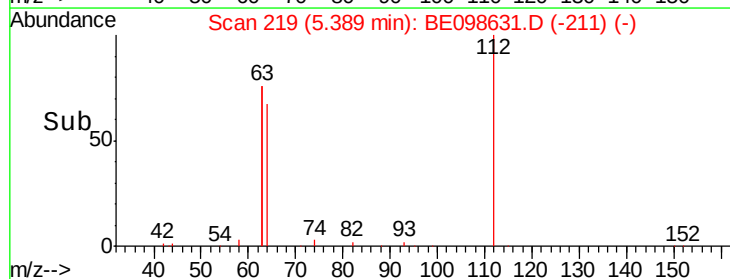
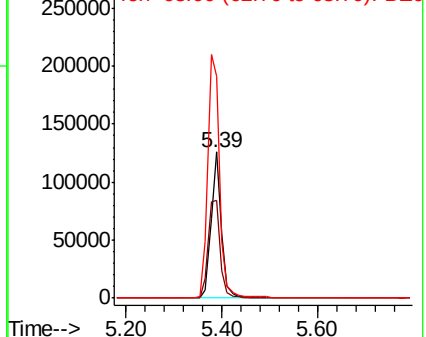


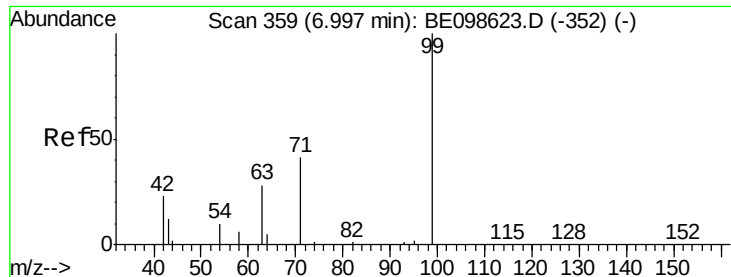
Abundance

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: 0.708 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.02 min

Lab File: BE098631.D

Acq: 15 Jan 2019 17:09

Instrument :

BNA_E

ClientSampled :

B3_122818

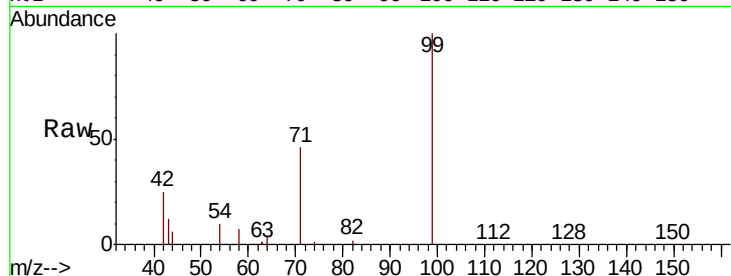
Tgt Ion: 99 Resp: 171299

Ion Ratio Lower Upper

99 100

42 32.3 24.6 37.0

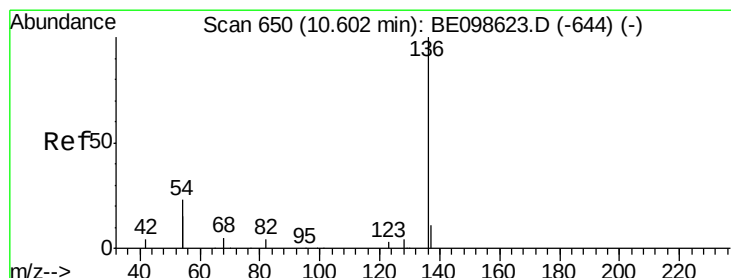
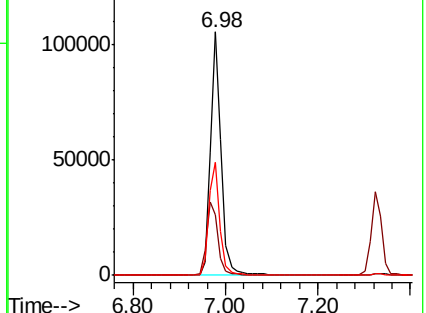
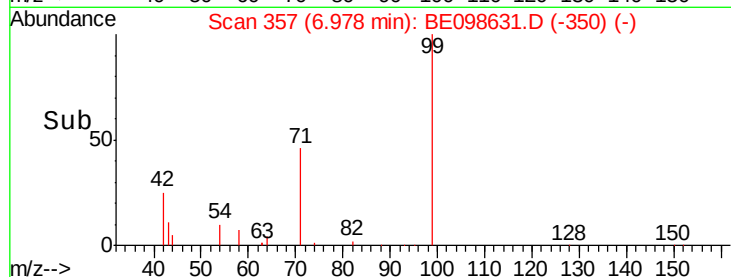
71 48.6 35.1 52.7



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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098631.D

Acq: 15 Jan 2019 17:09

Tgt Ion: 136 Resp: 252600

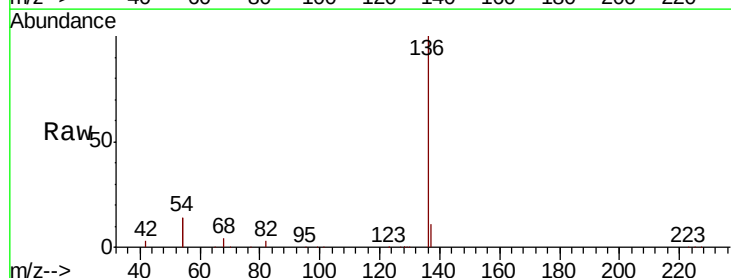
Ion Ratio Lower Upper

136 100

137 10.9 9.7 14.5

54 27.9 35.5 53.3#

68 3.9 5.0 7.6#

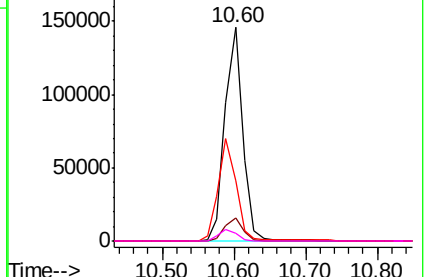
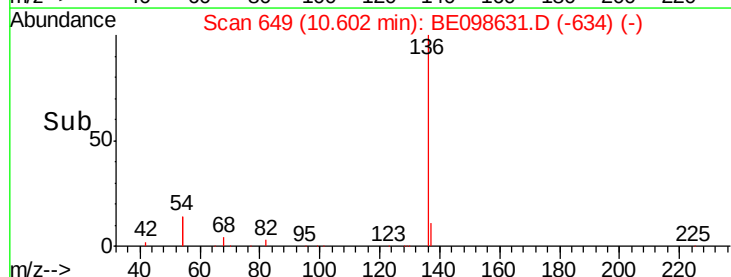


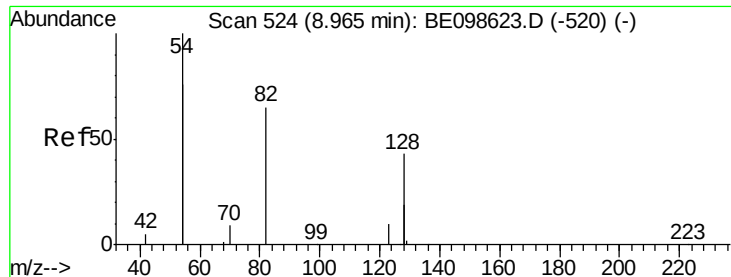
Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 2.555 ng

RT: 8.97 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE098631.D

Acq: 15 Jan 2019 17:09

Instrument :

BNA_E

ClientSampleId :

B3_122818

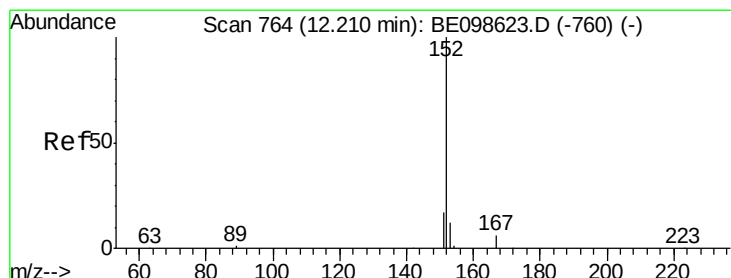
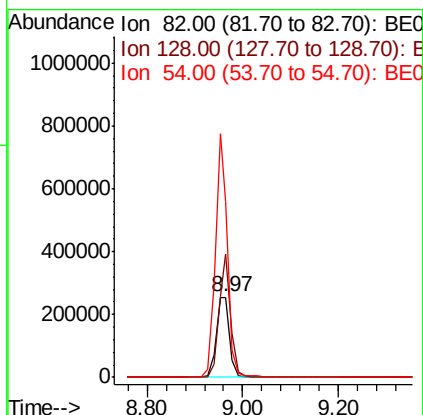
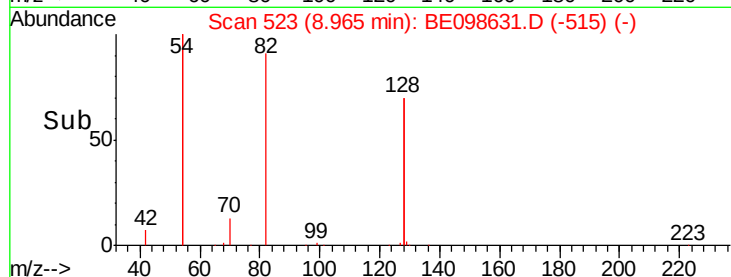
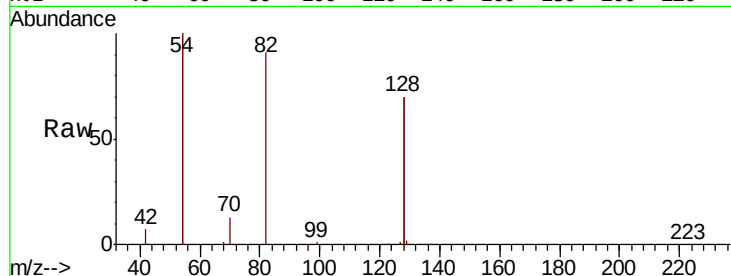
Tgt Ion: 82 Resp: 511816

Ion Ratio Lower Upper

82 100

128 153.8 96.5 144.7#

54 219.3 224.7 337.1#



#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098631.D

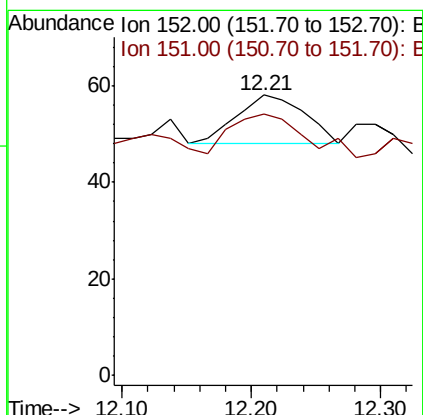
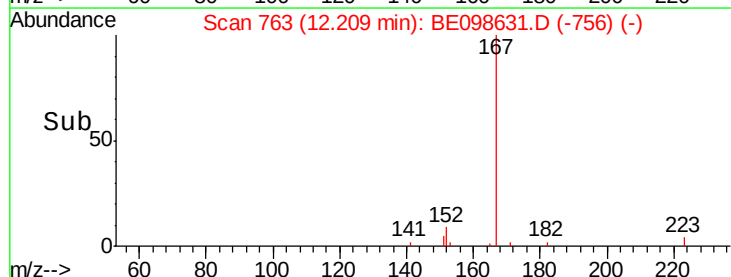
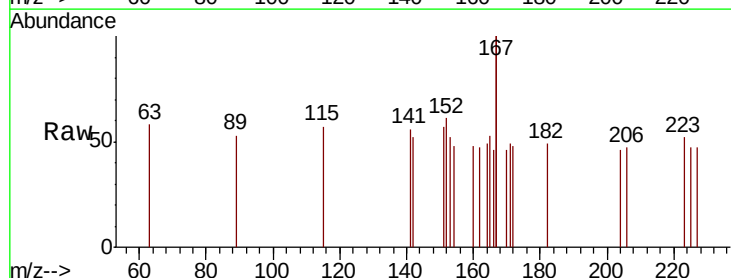
Acq: 15 Jan 2019 17:09

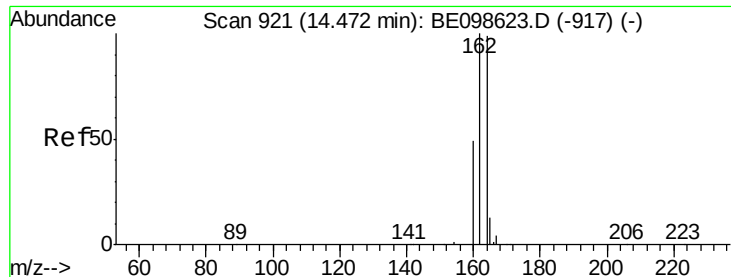
Tgt Ion: 152 Resp: 36

Ion Ratio Lower Upper

152 100

151 100.0 16.2 24.4#

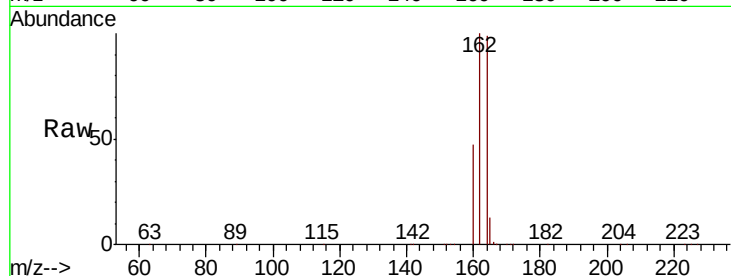




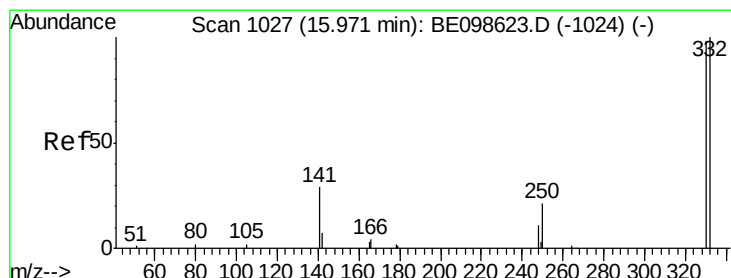
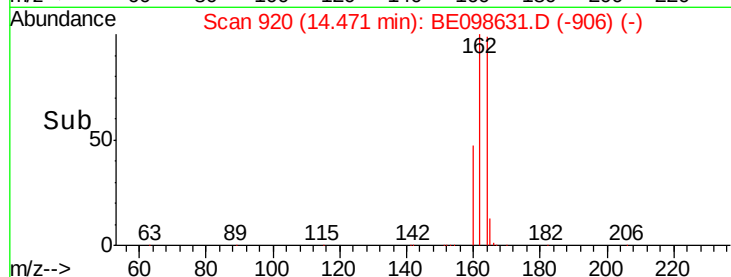
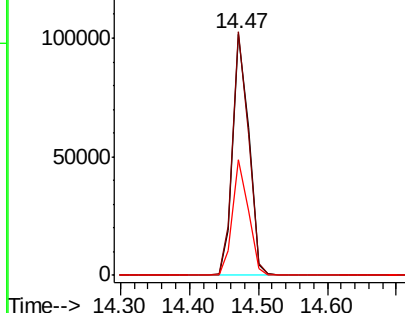
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098631.D
Acq: 15 Jan 2019 17:09

Instrument :
BNA_E
ClientSampleId :
B3_122818

Tgt Ion:164 Resp: 162999
Ion Ratio Lower Upper
164 100
162 100.8 80.5 120.7
160 47.9 40.1 60.1

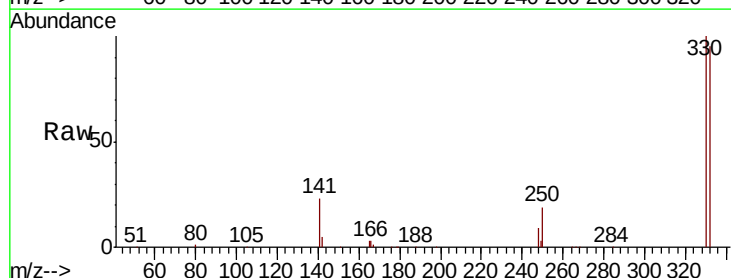


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

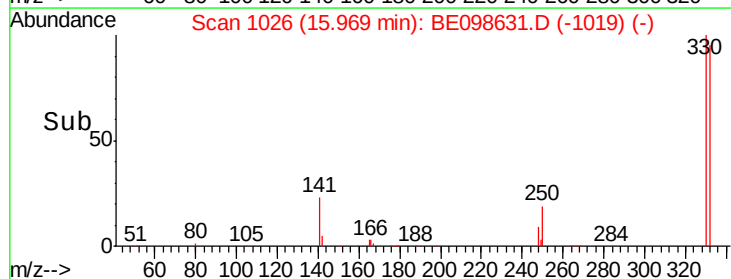
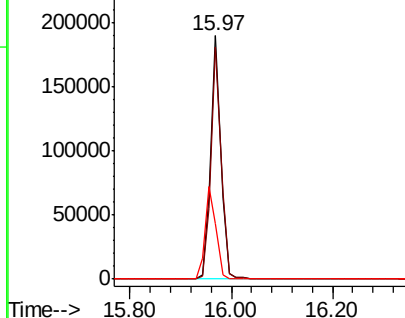


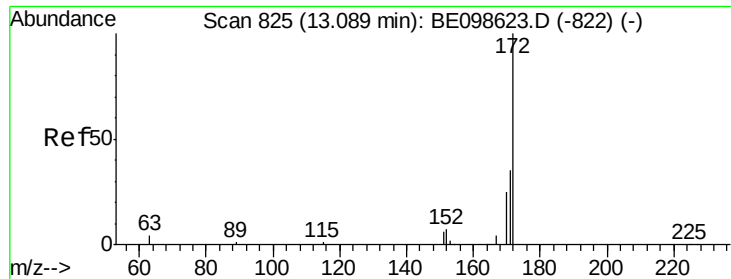
#14
2,4,6-Tribromophenol
Concen: 3.729 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098631.D
Acq: 15 Jan 2019 17:09

Tgt Ion:330 Resp: 264436
Ion Ratio Lower Upper
330 100
332 96.1 73.3 109.9
141 42.1 33.1 49.7



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

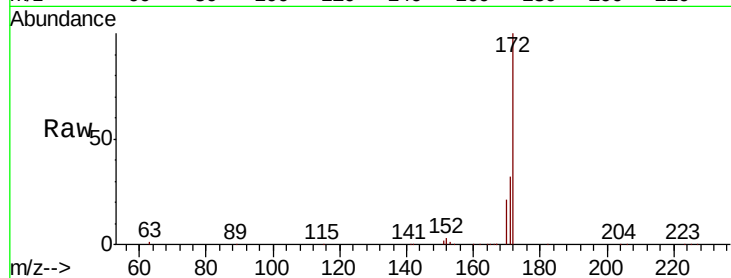




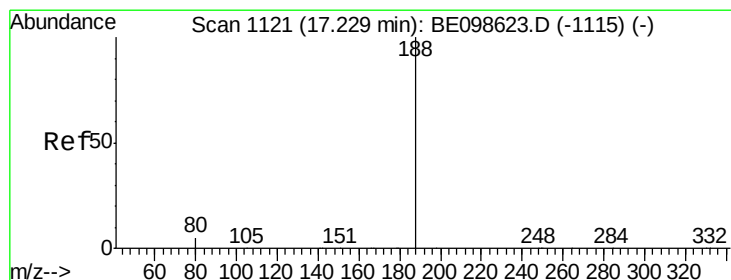
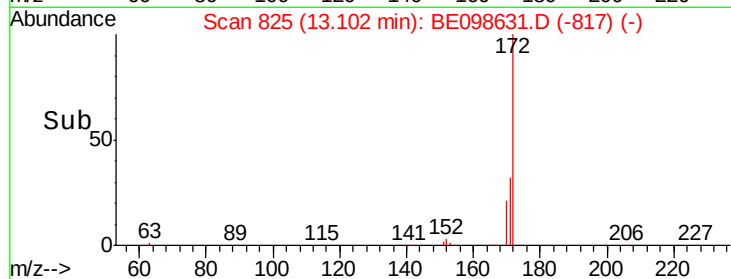
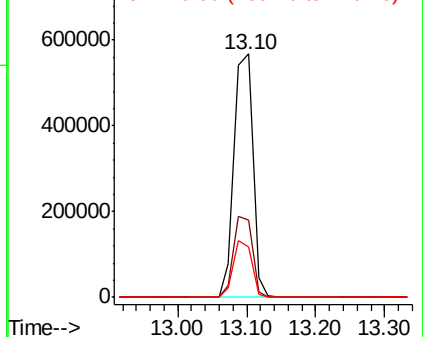
#15
2-Fluorobiphenyl
Concen: 1.611 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098631.D
Acq: 15 Jan 2019 17:09

Instrument :
BNA_E
ClientSampleId :
B3_122818

Tgt Ion:172 Resp: 1075767
Ion Ratio Lower Upper
172 100
171 31.8 29.0 43.4
170 20.5 20.8 31.2#

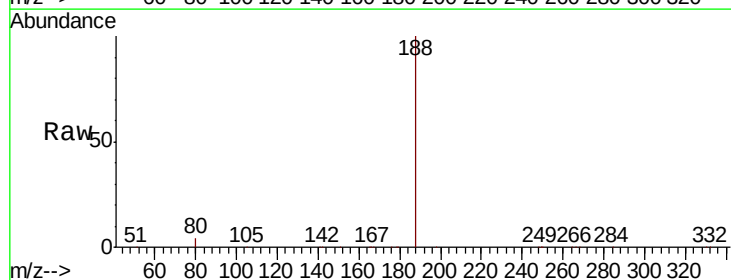


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

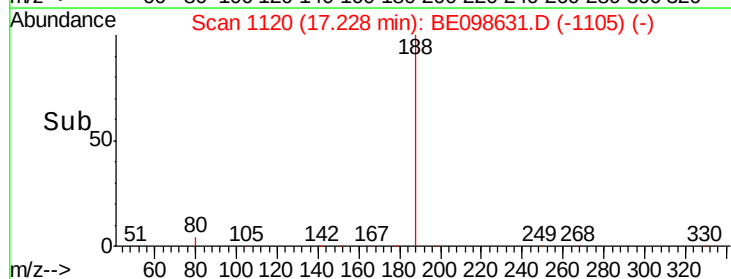
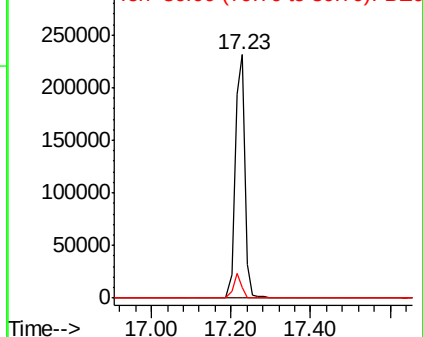


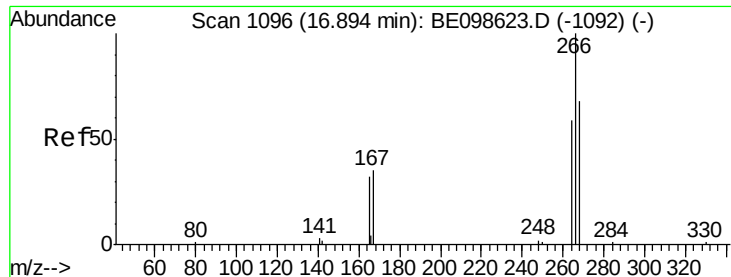
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE098631.D
Acq: 15 Jan 2019 17:09

Tgt Ion:188 Resp: 394824
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 4.5 4.7 7.1#



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: 0.204 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE098631.D

Acq: 15 Jan 2019 17:09

Instrument :

BNA_E

ClientSampleId :

B3_122818

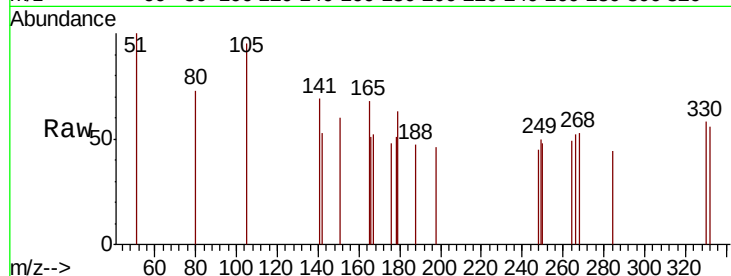
Tgt Ion: 266 Resp: 20

Ion Ratio Lower Upper

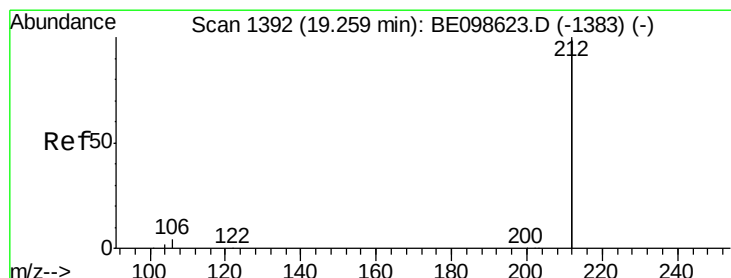
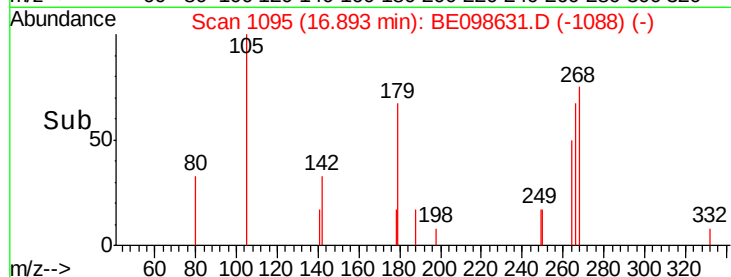
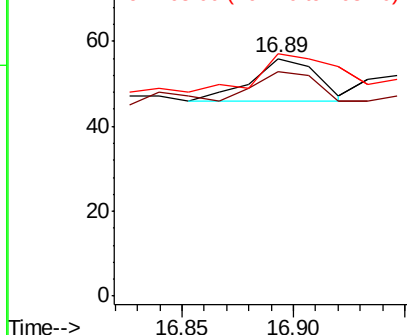
266 100

264 94.6 53.7 80.5#

268 101.8 59.8 89.8#



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: 0.000 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE098631.D

Acq: 15 Jan 2019 17:09

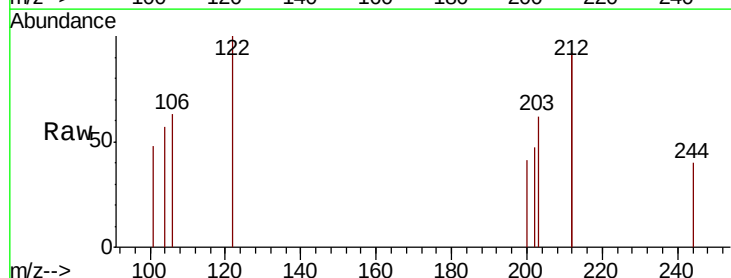
Tgt Ion: 212 Resp: 37

Ion Ratio Lower Upper

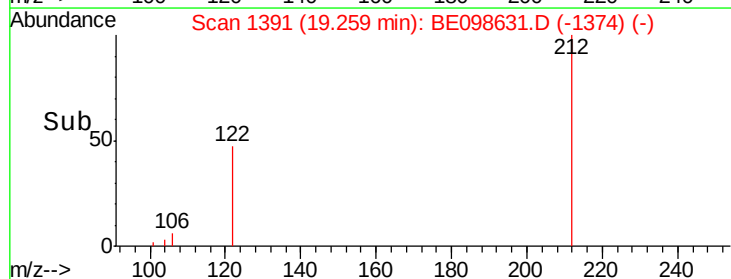
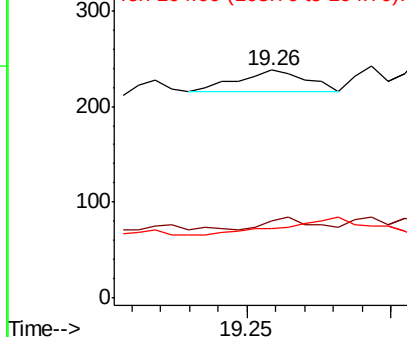
212 100

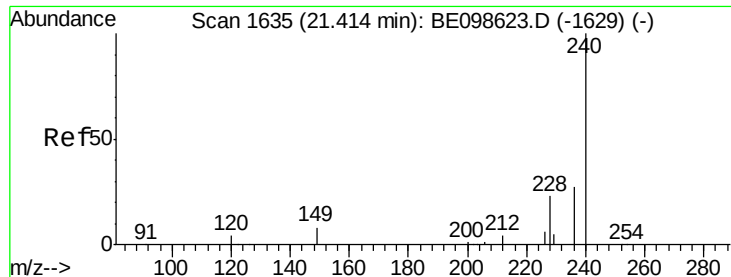
106 45.9 1.7 2.5#

104 0.0 1.0 1.6#



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# 1634

Delta R.T. 0.00 min

Lab File: BE098631.D

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B3_122818

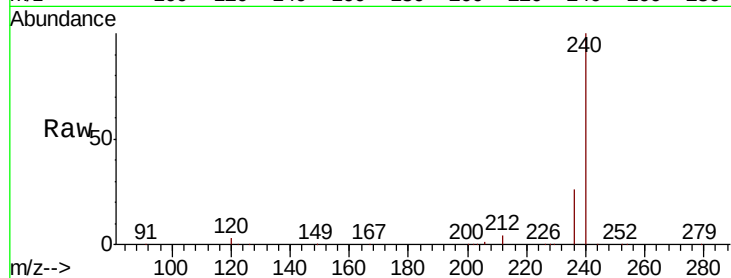
Tgt Ion:240 Resp: 450495

Ion Ratio Lower Upper

240 100

120 2.6 4.7 7.1#

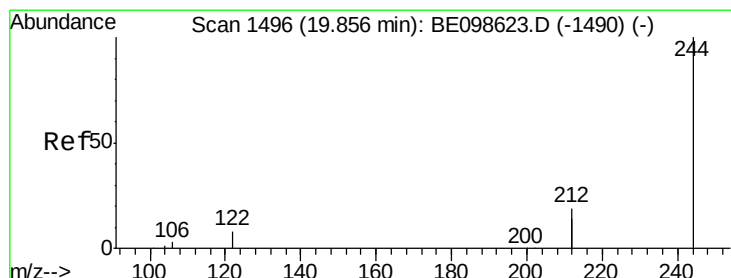
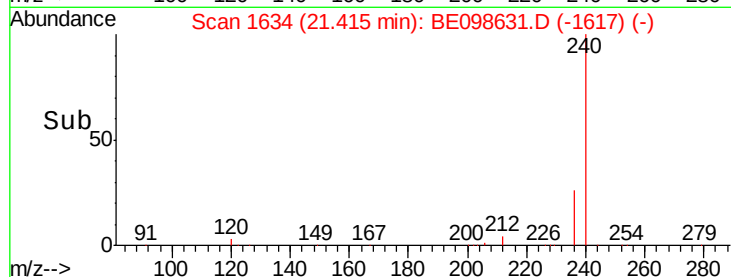
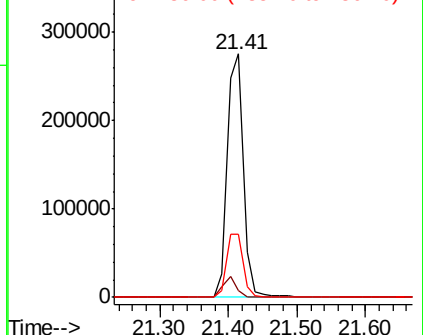
236 26.2 21.9 32.9



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: 1.712 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE098631.D

Acq: 15 Jan 2019 17:09

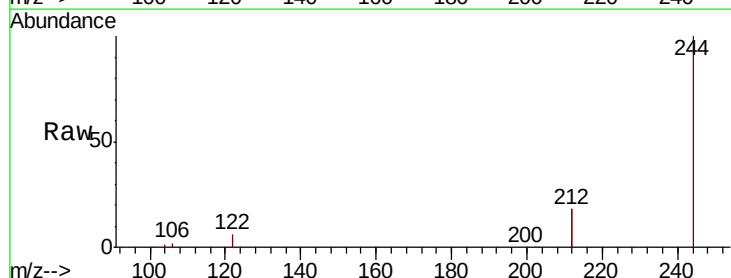
Tgt Ion:244 Resp: 1706934

Ion Ratio Lower Upper

244 100

212 35.3 29.4 44.2

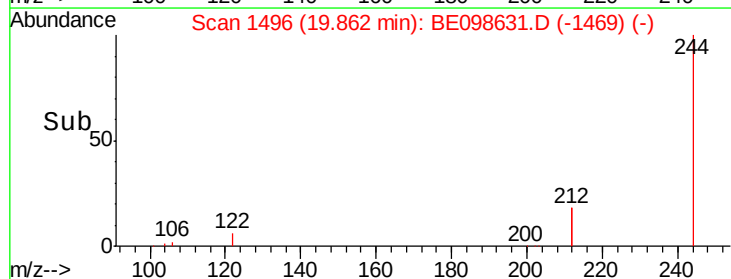
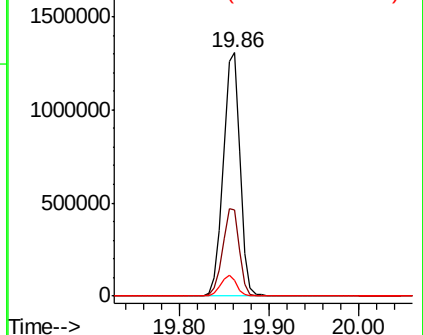
122 6.5 7.1 10.7#

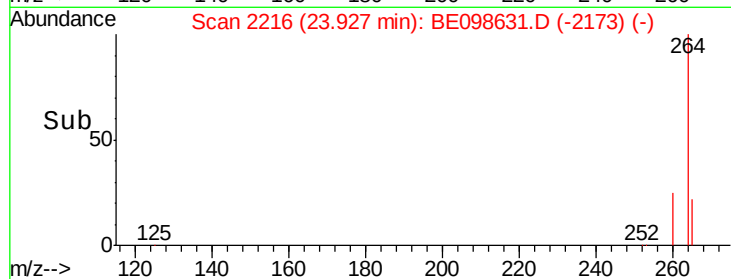
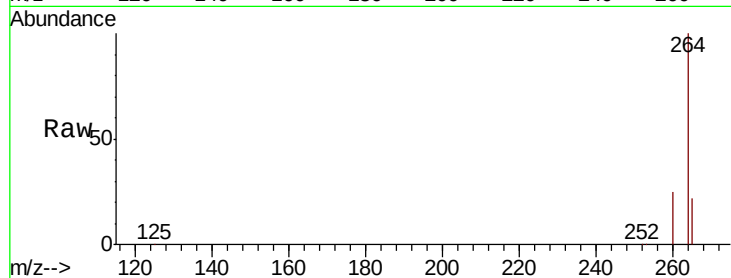
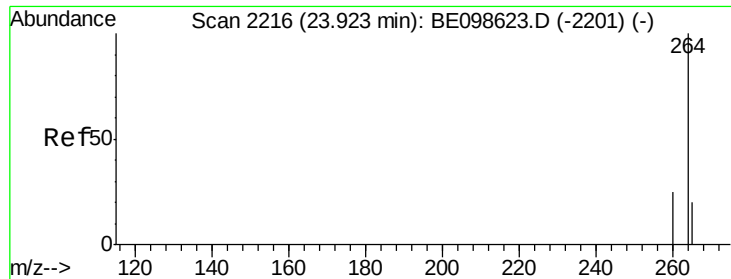


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.93 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BE098631.D

Acq: 15 Jan 2019 17:09

Instrument :

BNA_E

ClientSampleId :

B3_122818

Tgt Ion:264 Resp: 448023

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

265 21.7 22.3 33.5#

