

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: 50

Instrument :
 BNA_E
 ClientSampleId :
 B3_122818

Quant Time: Jan 16 09:57:34 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

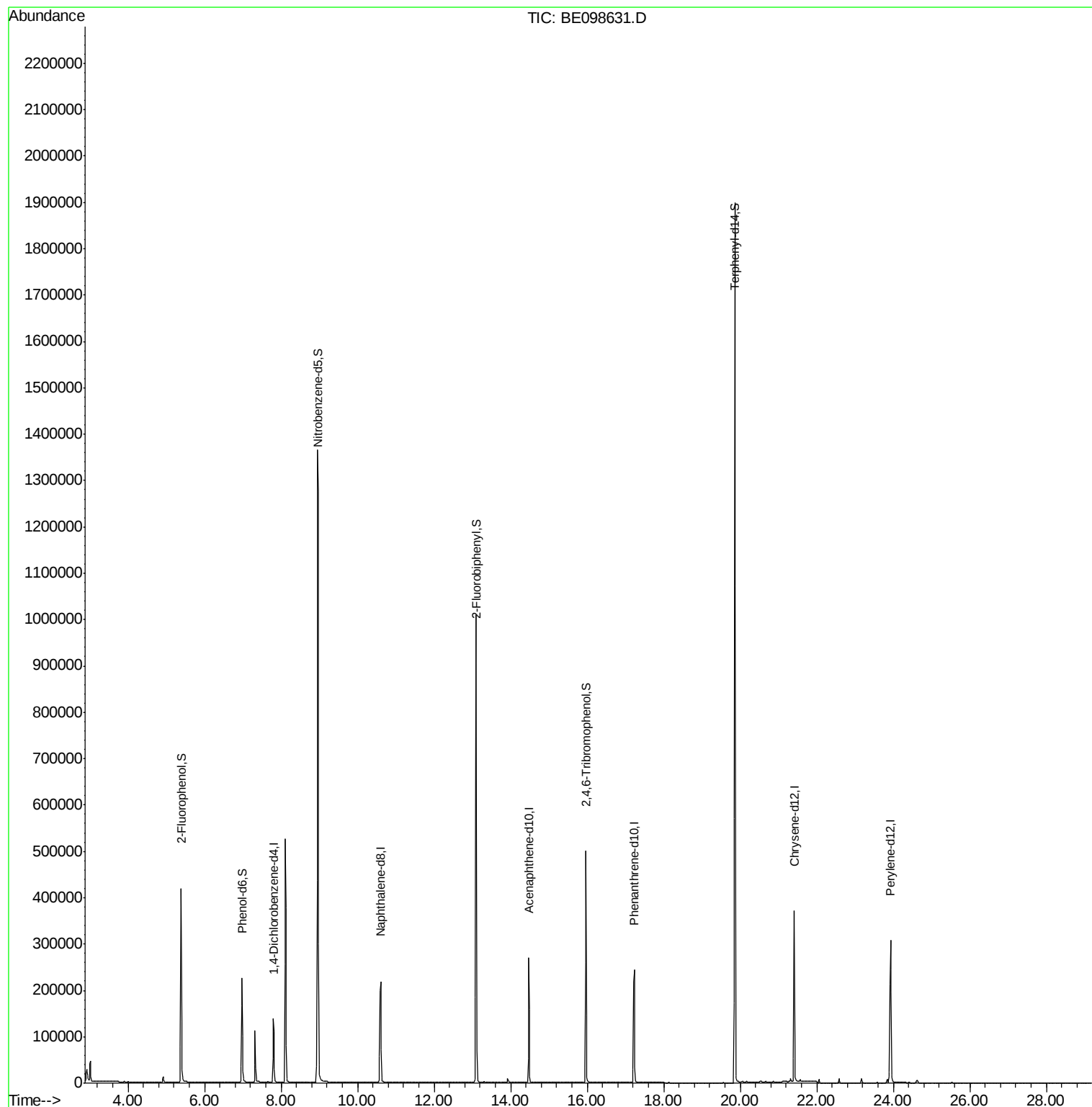
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	63678	20.00	ng	0.00
7) Naphthalene-d8	10.60	136	252600	20.00	ng	0.00
13) Acenaphthene-d10	14.47	164	162999	20.00	ng	0.00
19) Phenanthrene-d10	17.23	188	394824	20.00	ng	0.00
27) Chrysene-d12	21.41	240	450495	20.00	ng	0.00
34) Perylene-d12	23.93	264	448023	20.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	191945	56.51	ng	0.00
5) Phenol-d6	6.98	99	171299	35.41	ng	-0.02
8) Nitrobenzene-d5	8.97	82	511816	127.73	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	186.43	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	1075767	80.57	ng	0.01
25) Fluoranthene-d10	19.26	212	37	0.00	ng	0.00
29) Terphenyl-d14	19.86	244	1706934	85.62	ng	0.00
Target Compounds						
30) Benzo(a)anthracene	21.40	228	1454	0.060	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.32	149	9010	0.175	ng	# 100

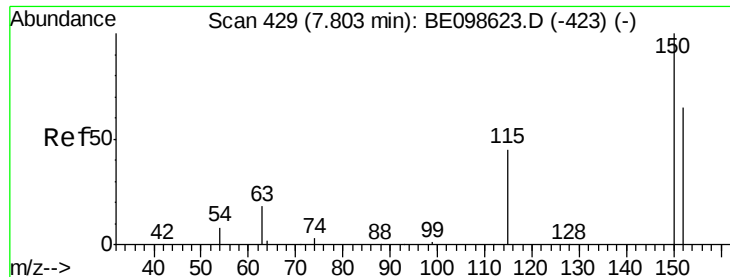
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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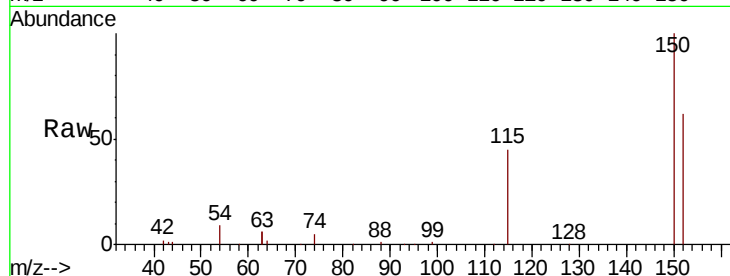


#1

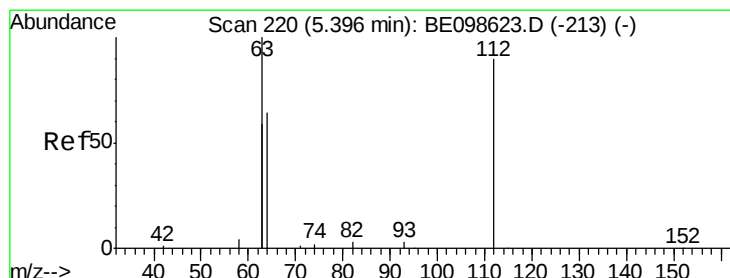
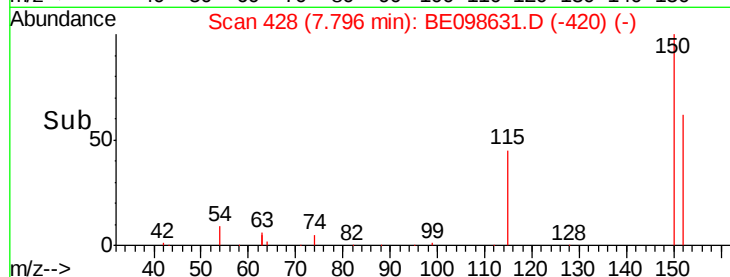
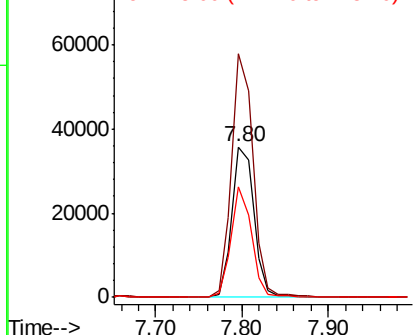
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.80 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE098631.D
Acq: 15 Jan 2019 17:09

Instrument :
BNA_E
ClientSampleId :
B3_122818

Tot Ion:152 Resp: 63678
Ion Ratio Lower Upper
152 100
150 162.0 121.4 182.2
115 73.3 59.1 88.7



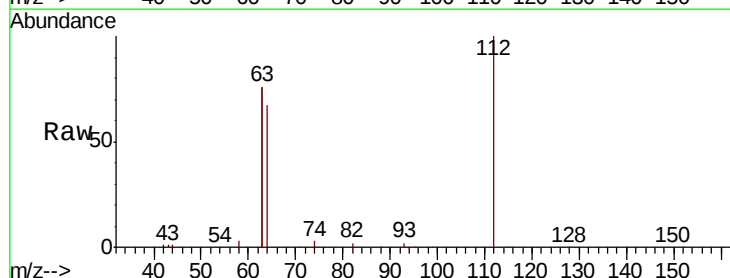
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



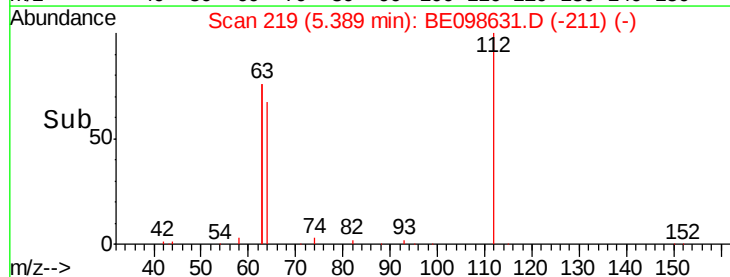
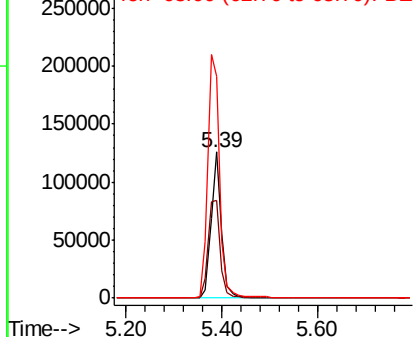
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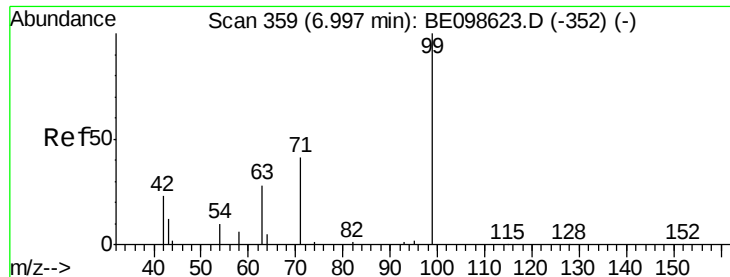
2-Fluorophenol
Concen: 56.505 ng
RT: 5.39 min Scan# 219
Delta R.T. -0.01 min
Lab File: BE098631.D
Acq: 15 Jan 2019 17:09

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: 35.412 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

ClientSampleId :

B3_122818

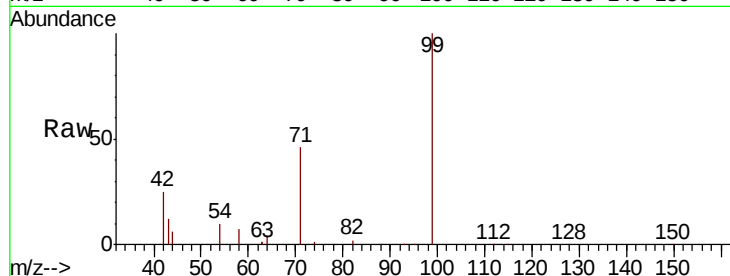
Tot Ion: 99 Resp: 171299

Ion Ratio Lower Upper

99 100

42 32.3 24.6 37.0

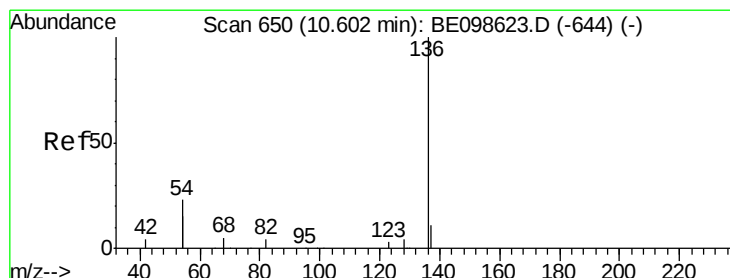
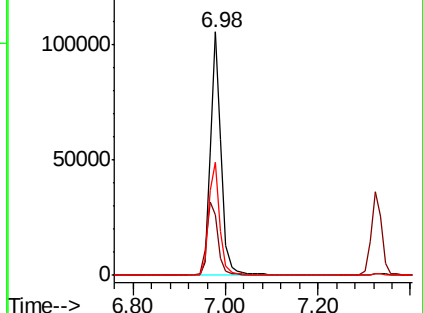
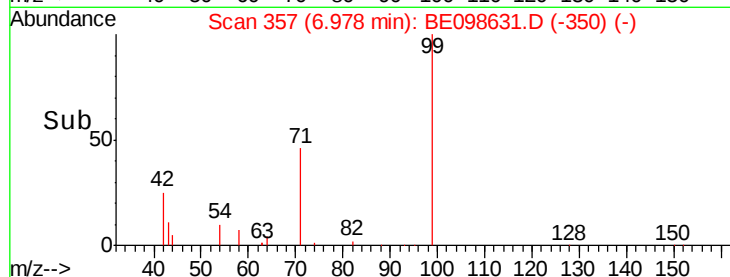
71 48.6 35.1 52.7



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: 20.000 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

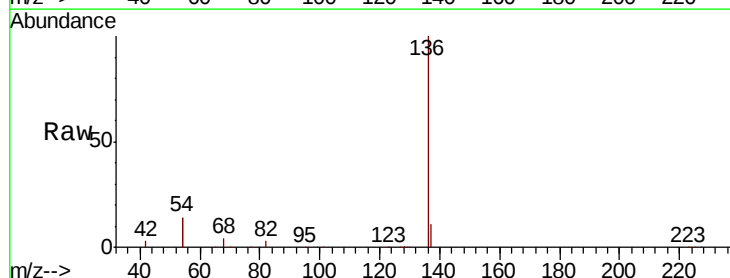
Ion Ratio Lower Upper

136 100

137 10.9 9.7 14.5

54 27.9 35.5 53.3#

68 3.9 5.0 7.6#

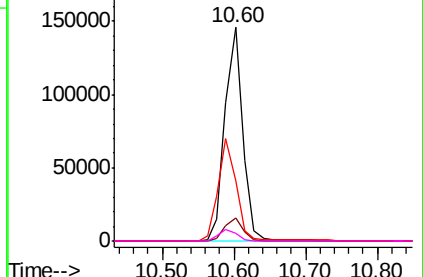
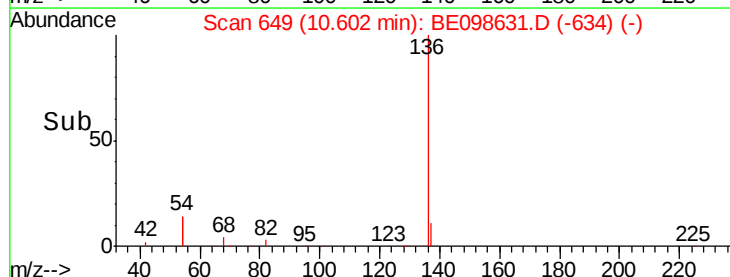


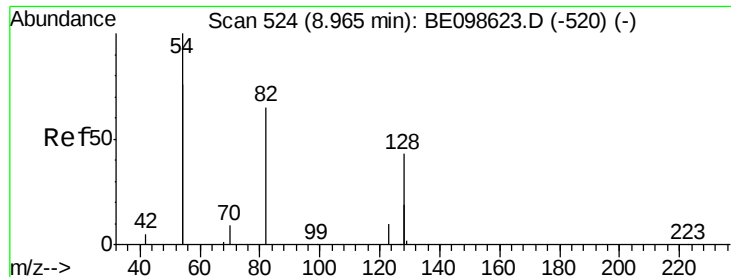
Abundance Ion 136.00 (135.70 to 136.70): E

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: 127.728 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

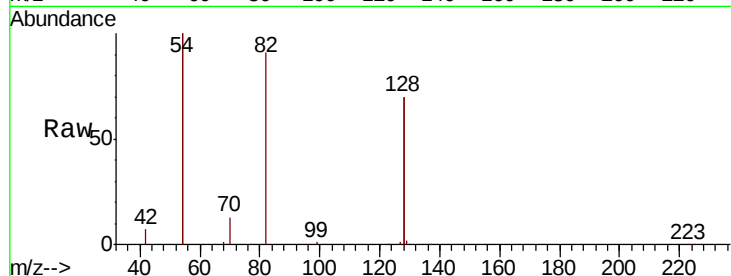
Tot Ion: 82 Resp: 511816

Ion Ratio Lower Upper

82 100

128 153.8 96.5 144.7#

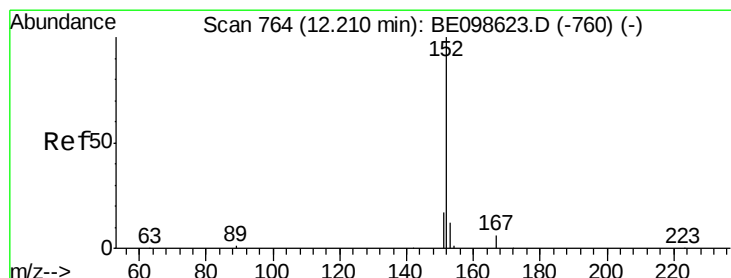
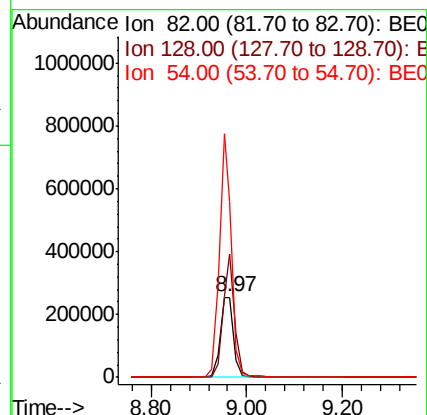
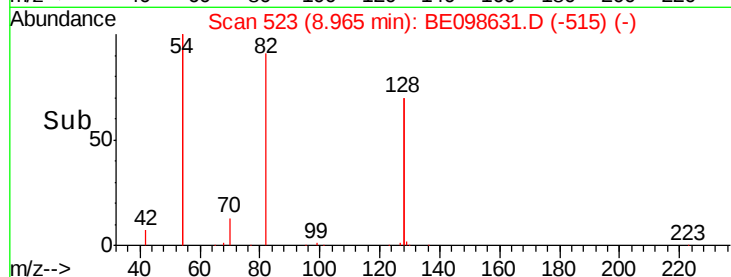
54 219.3 224.7 337.1#



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: 0.004 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098631.D

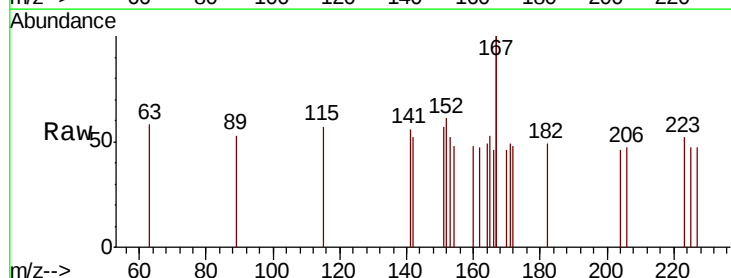
Acq: 15 Jan 2019 17:09

Tgt Ion: 152 Resp: 36

Ion Ratio Lower Upper

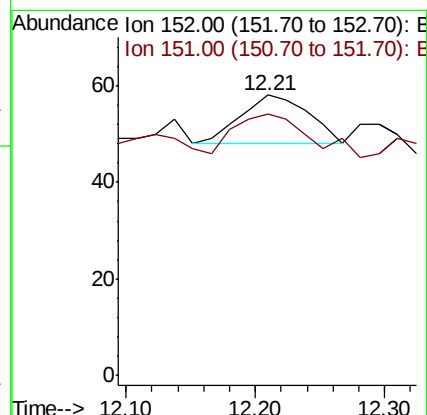
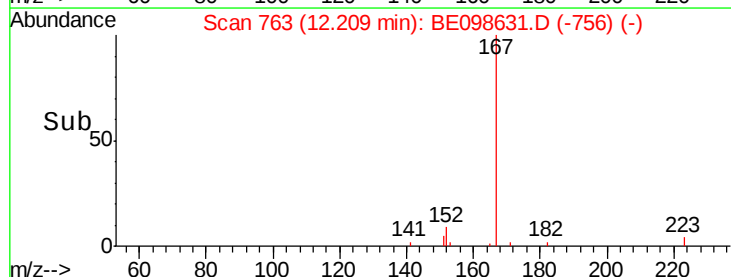
152 100

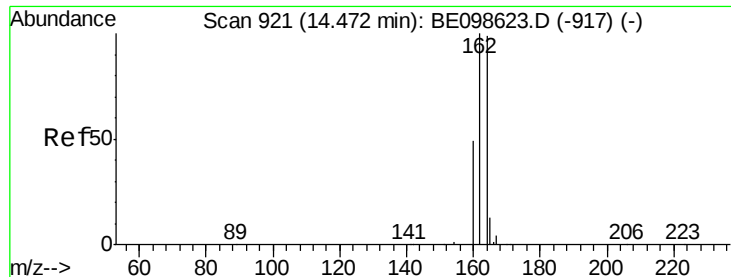
151 100.0 16.2 24.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

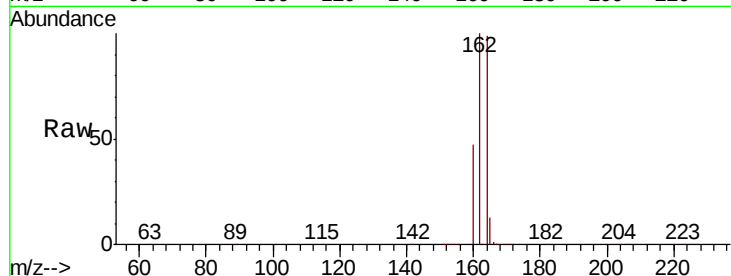




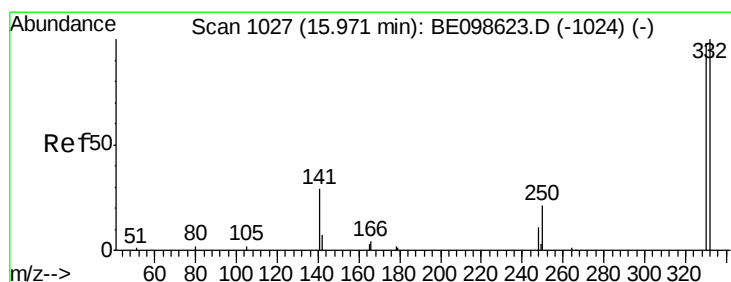
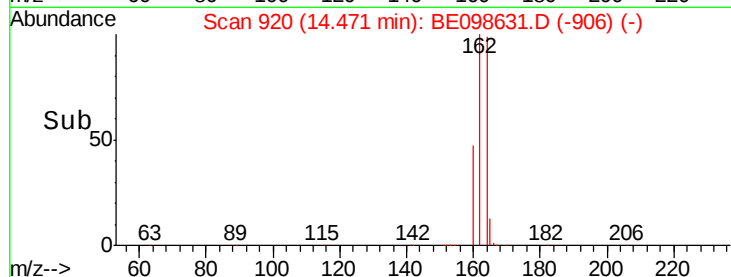
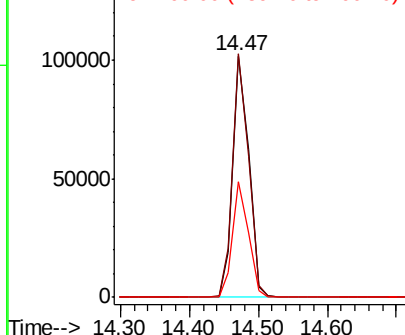
#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098631.D
Acq: 15 Jan 2019 17:09

Instrument :
BNA_E
ClientSampleId :
B3_122818

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

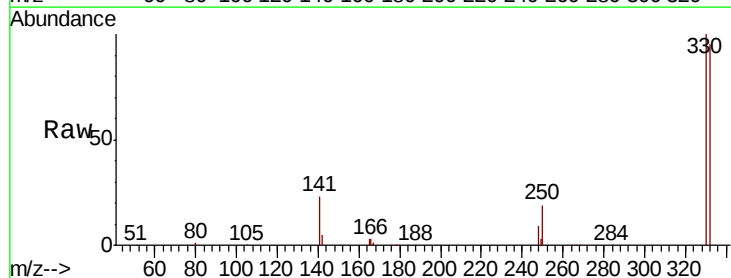


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

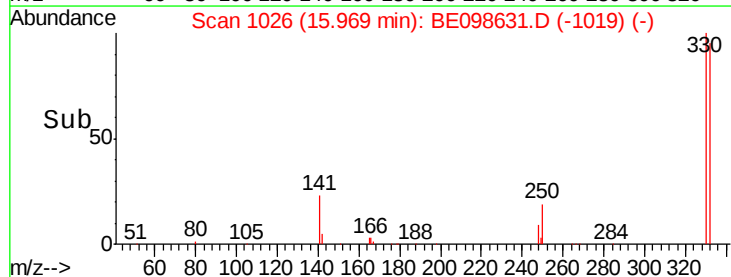
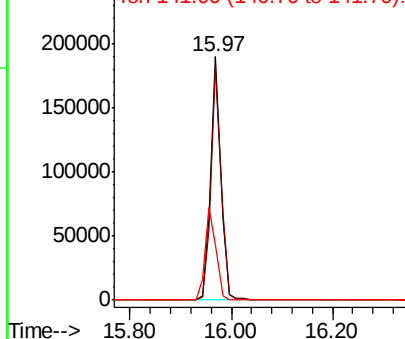


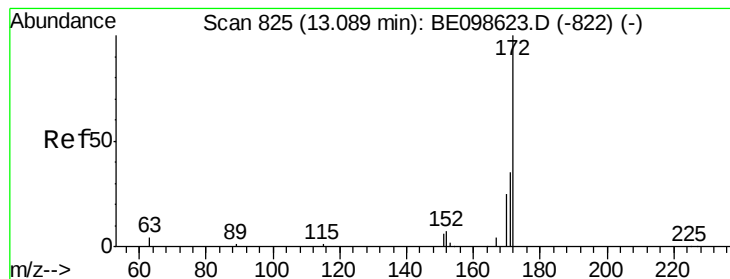
#14
2,4,6-Tribromophenol
Concen: 186.428 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098631.D
Acq: 15 Jan 2019 17:09

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

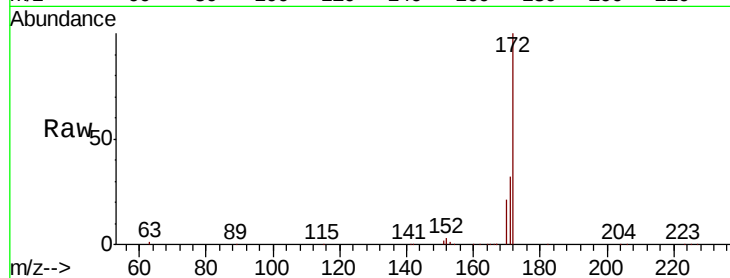




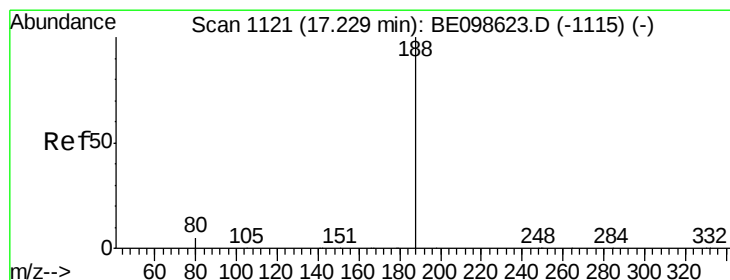
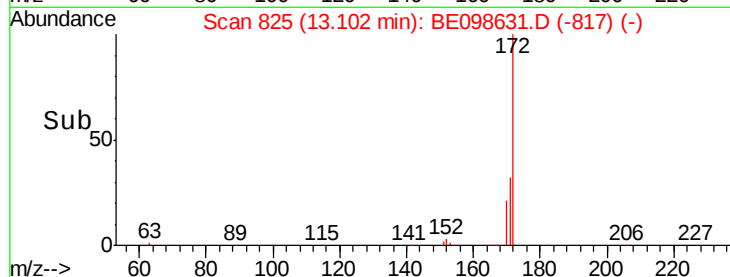
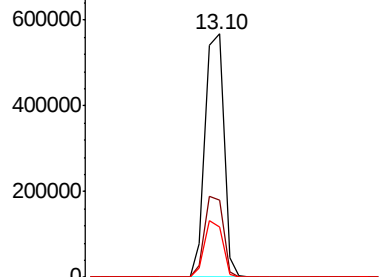
#15
 2-Fluorobiphenyl
 Concen: 80.572 ng
 RT: 13.10 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BE098631.D
 Acq: 15 Jan 2019 17:09

Instrument :
 BNA_E
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 B3_122818

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

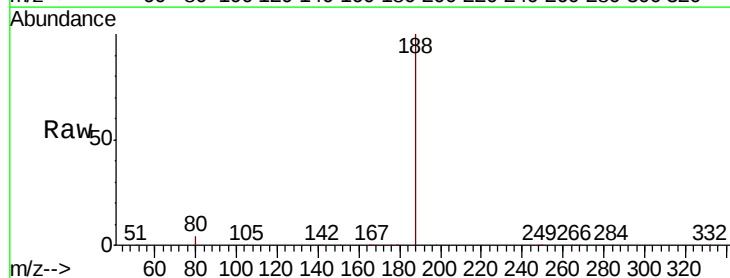


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

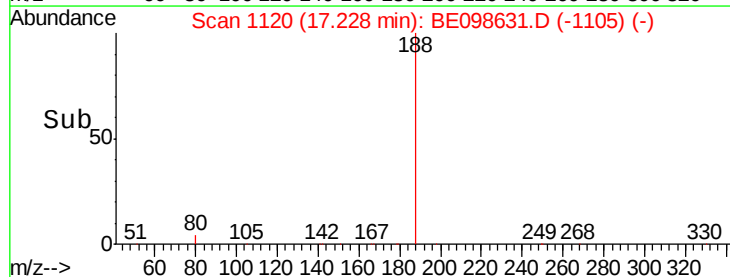
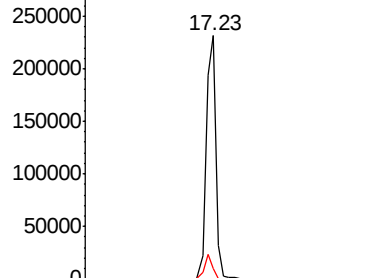


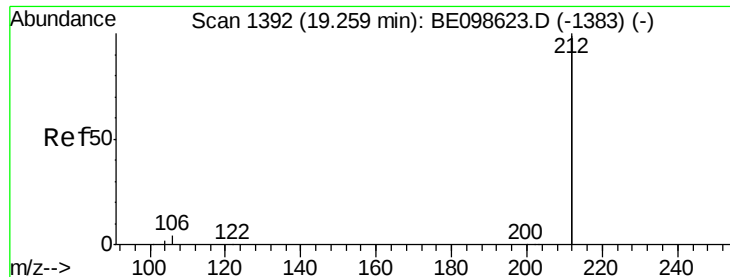
#19
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.23 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE098631.D
 Acq: 15 Jan 2019 17:09

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





#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

Instrument :

BNA_E

ClientSampleId :

B3_122818

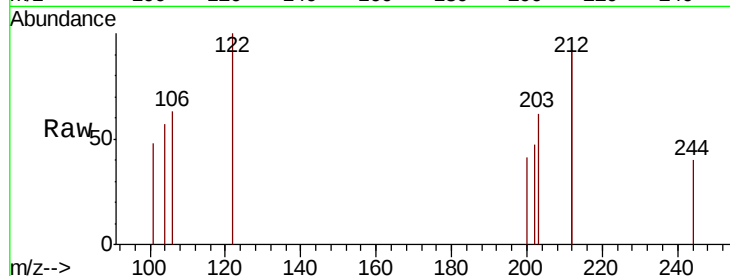
Tot Ion:212 Resp: 37

Ion Ratio Lower Upper

212 100

106 45.9 1.7 2.5#

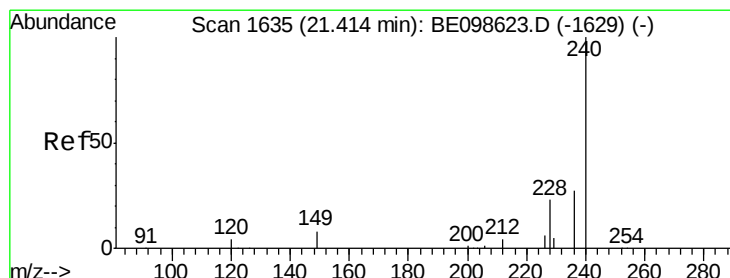
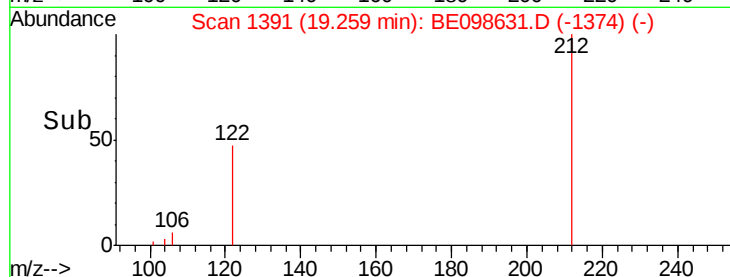
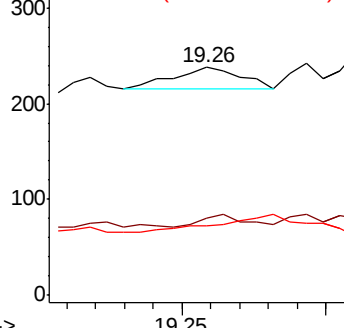
104 0.0 1.0 1.6#



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: 20.000 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098631.D

Acq: 15 Jan 2019 17:09

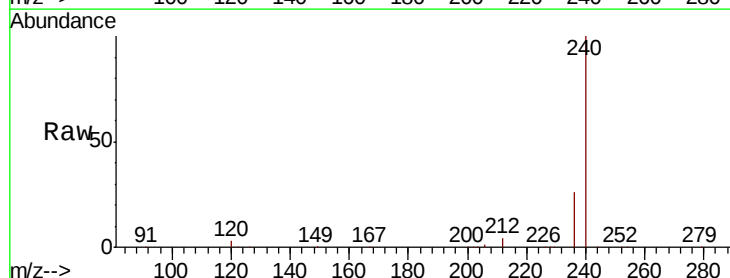
Tgt Ion:240 Resp: 450495

Ion Ratio Lower Upper

240 100

120 2.6 4.7 7.1#

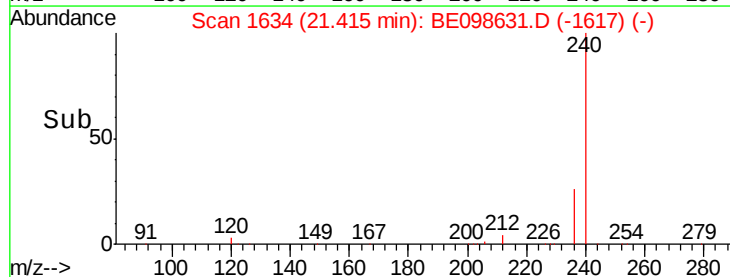
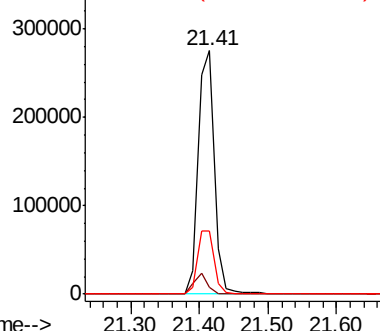
236 26.2 21.9 32.9

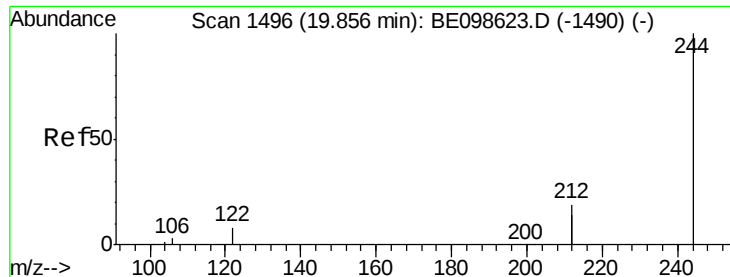


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 85.624 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE098631.D

Acq: 15 Jan 2019 17:09

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B3_122818

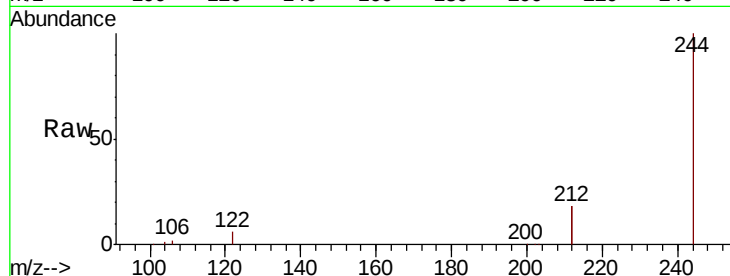
Tot Ion:244 Resp: 1706934

Ion Ratio Lower Upper

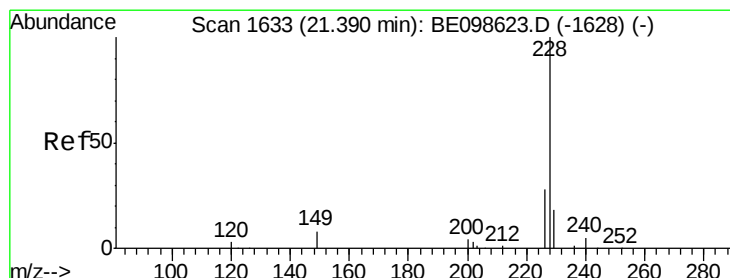
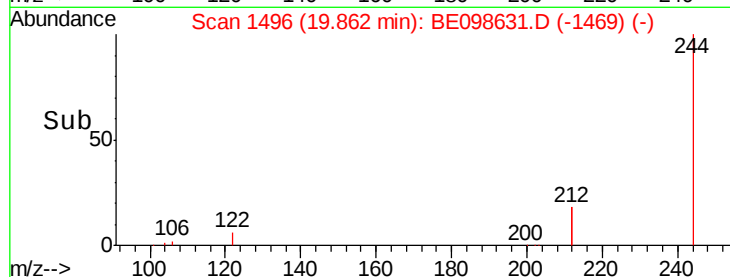
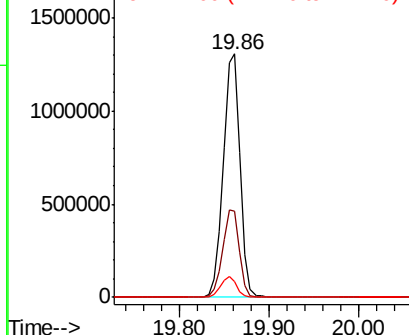
244 100

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



#30

Benzo(a)anthracene

Concen: 0.060 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE098631.D

Acq: 15 Jan 2019 17:09

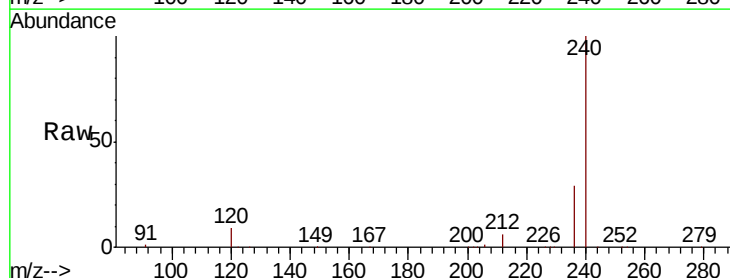
Tgt Ion:228 Resp: 1454

Ion Ratio Lower Upper

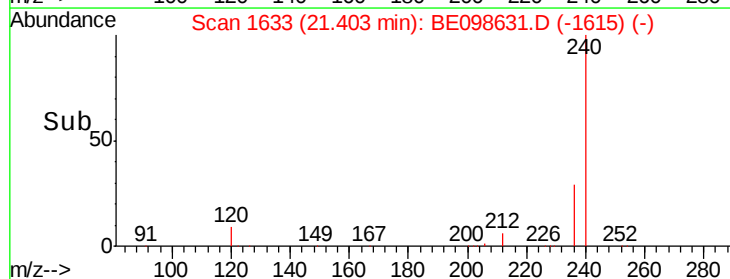
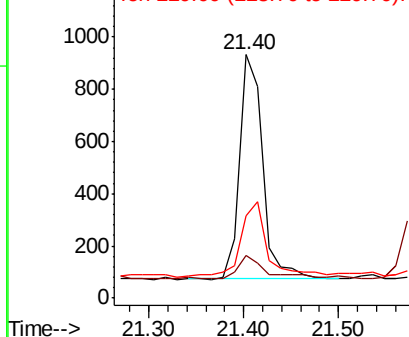
228 100

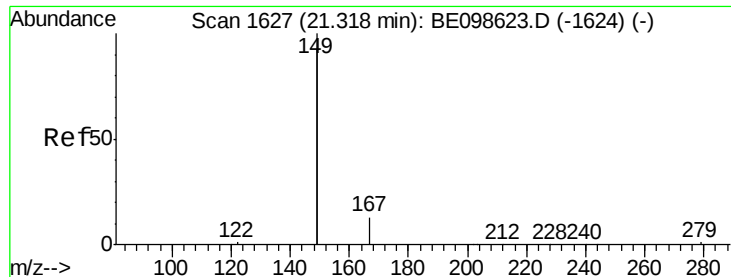
226 17.7 23.0 34.4#

229 33.8 15.0 22.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.175 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098631.D

Acq: 15 Jan 2019 17:09

Instrument :

BNA_E

ClientSampleId :

B3_122818

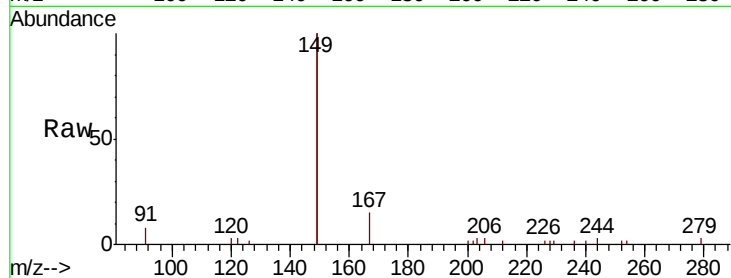
Tot Ion:149 Resp: 9010

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.2

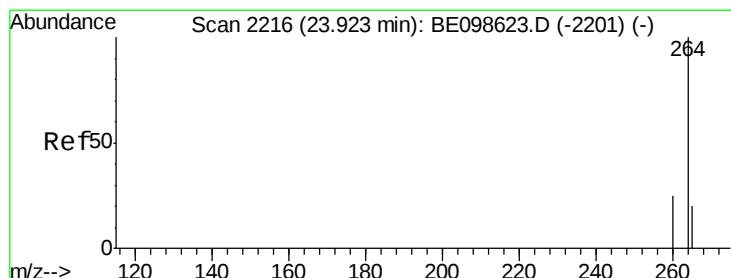
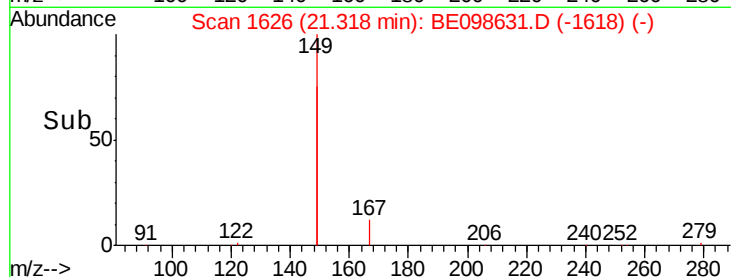
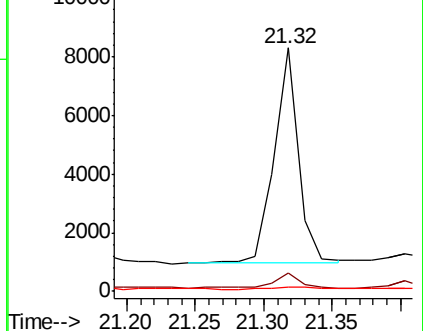
279 1.5 1.0 1.4#



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: 20.000 ng

RT: 23.93 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BE098631.D

Acq: 15 Jan 2019 17:09

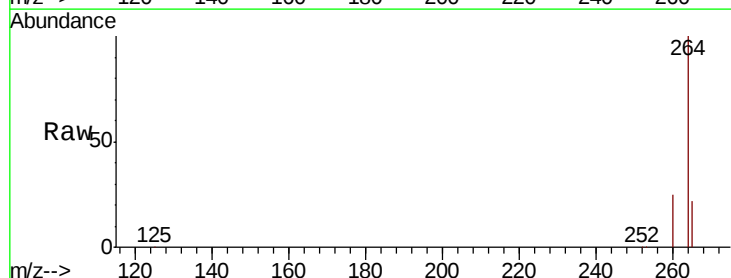
Tgt Ion:264 Resp: 448023

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

265 21.7 22.3 33.5#



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

