

Data File : BE098637.D
Acq On : 16 Jan 2019 18:26
Operator : SJ/JU
Sample : PB116433BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB116433BL

Quant Time: Jan 17 00:15:52 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	7.83	152	947	0.40	ng	0.02
7) Naphthalene-d8	10.63	136	3781	0.40	ng	0.03
13) Acenaphthene-d10	14.49	164	2262	0.40	ng	0.01
19) Phenanthrene-d10	17.24	188	5507	0.40	ng	0.01
27) Chrysene-d12	21.41	240	7047	0.40	ng	0.00
34) Perylene-d12	23.93	264	7023	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	990	0.39	ng	0.02
5) Phenol-d6	7.02	99	1246	0.35	ng	0.02
8) Nitrobenzene-d5	9.00	82	1183	0.39	ng	0.04
11) 2-Methylnaphthalene-d10	12.22	152	2190	0.35	ng	0.01
14) 2,4,6-Tribromophenol	16.00	330	308	0.31	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	3209	0.35	ng	0.03
25) Fluoranthene-d10	19.27	212	26558	0.39	ng	0.01
29) Terphenyl-d14	19.86	244	5999	0.38	ng	0.00

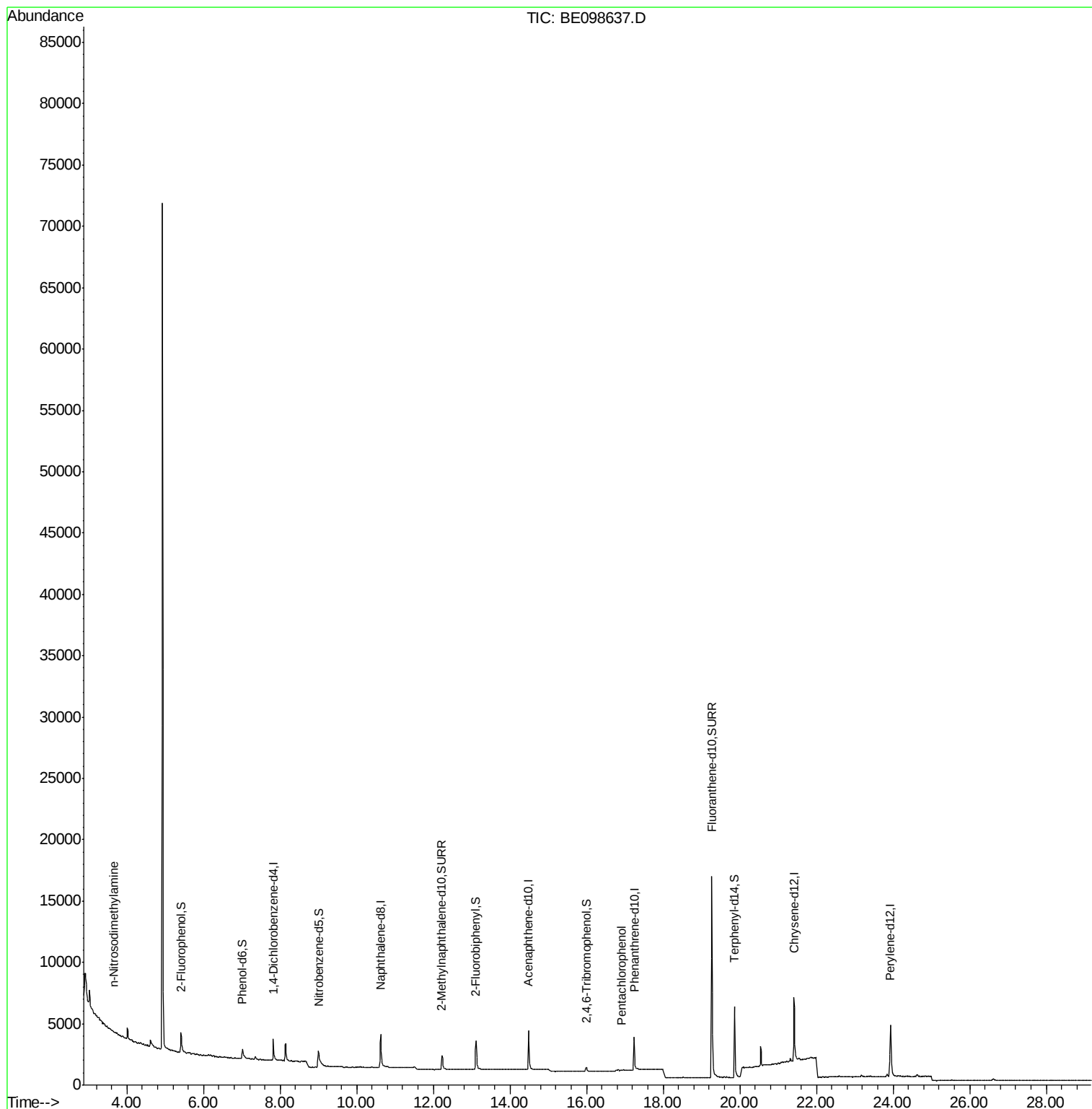
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.67	42	95	0.175	ng	# 21
22) Pentachlorophenol	16.91	266	67	0.250	ng	# 82

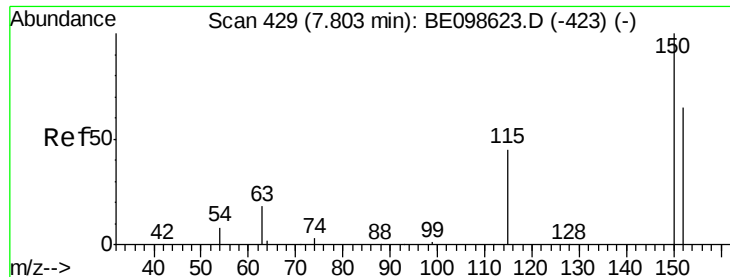
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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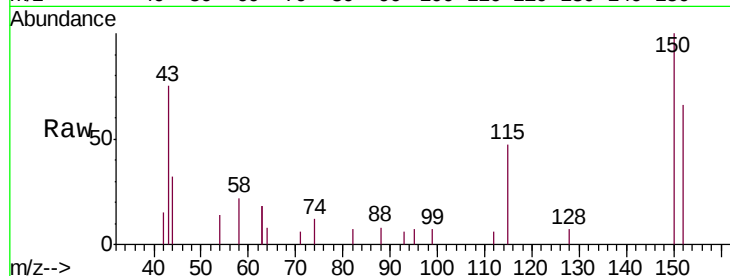


#1

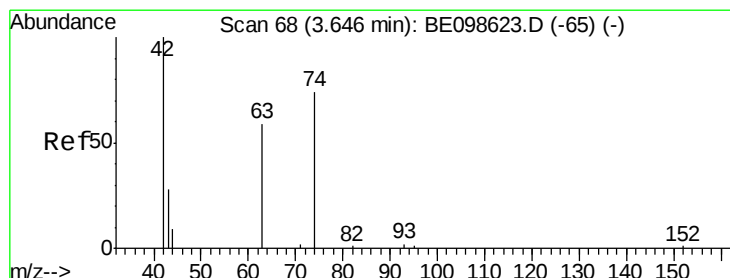
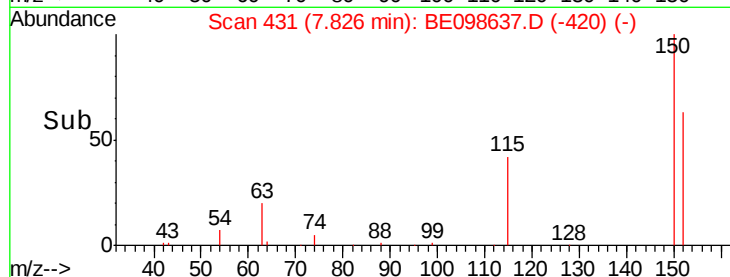
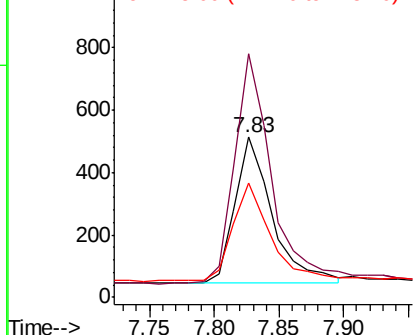
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.83 min Scan# 431
Delta R.T. 0.02 min
Lab File: BE098637.D
Acq: 16 Jan 2019 18:26

Instrument :
BNA_E
ClientSampleId :
PB116433BL

Tgt Ion:152 Resp: 947
Ion Ratio Lower Upper
152 100
150 151.9 121.4 182.2
115 71.2 59.1 88.7



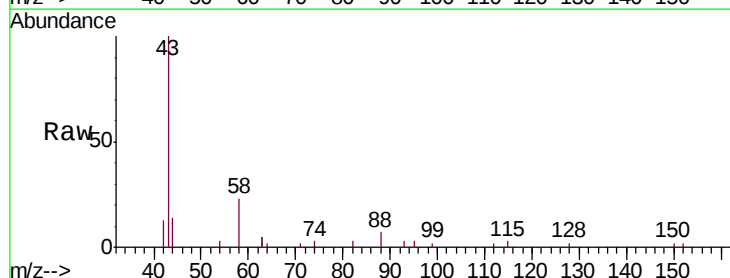
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



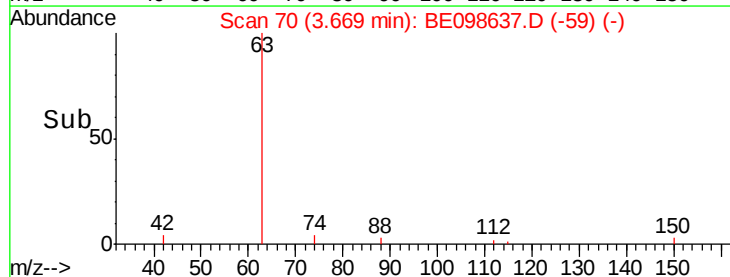
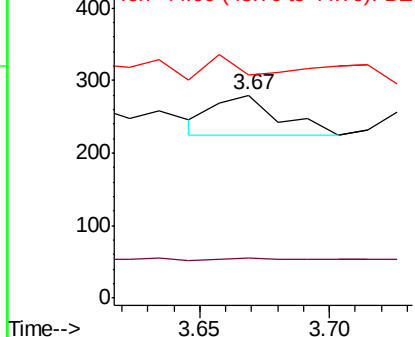
#3

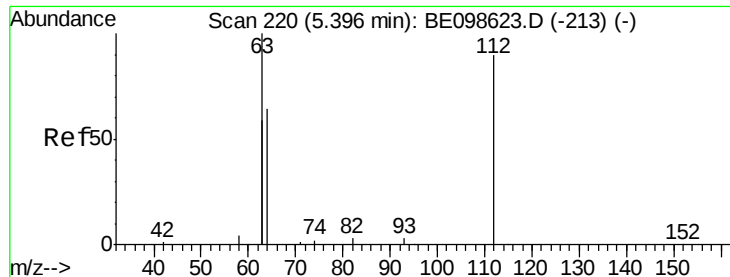
n-Nitrosodimethylamine
Concen: 0.175 ng
RT: 3.67 min Scan# 70
Delta R.T. 0.02 min
Lab File: BE098637.D
Acq: 16 Jan 2019 18:26

Tgt Ion: 42 Resp: 95
Ion Ratio Lower Upper
42 100
74 7.4 58.9 88.3#
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 0.392 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.02 min

Lab File: BE098637.D

Acq: 16 Jan 2019 18:26

Instrument :

BNA_E

ClientSampleId :

PB116433BL

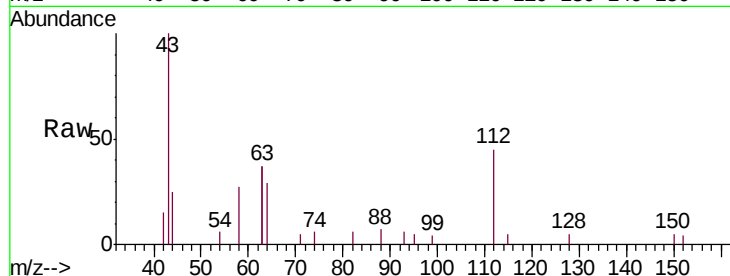
Tgt Ion: 112 Resp: 990

Ion Ratio Lower Upper

112 100

64 75.9 62.9 94.3

63 191.5 152.2 228.4



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

1500

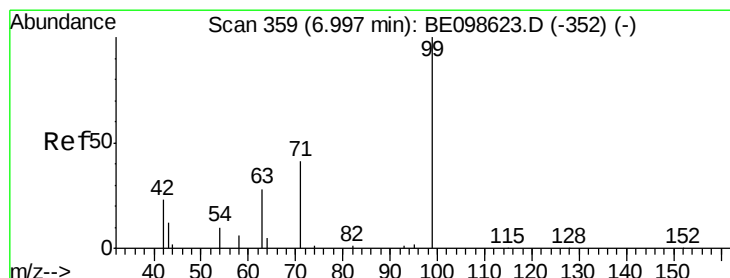
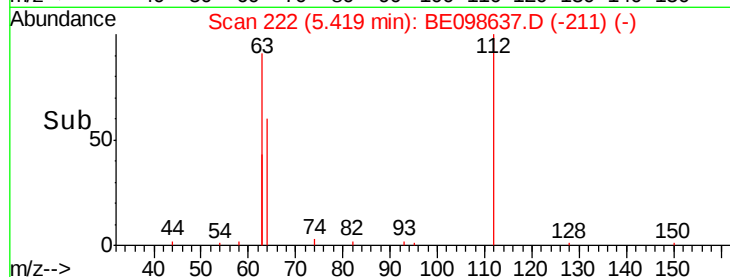
1000

500

0

5.30 5.40 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.346 ng

RT: 7.02 min Scan# 361

Delta R.T. 0.02 min

Lab File: BE098637.D

Acq: 16 Jan 2019 18:26

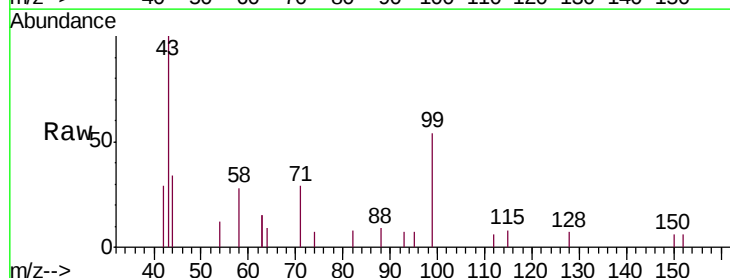
Tgt Ion: 99 Resp: 1246

Ion Ratio Lower Upper

99 100

42 37.6 24.6 37.0#

71 51.1 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

500

400

300

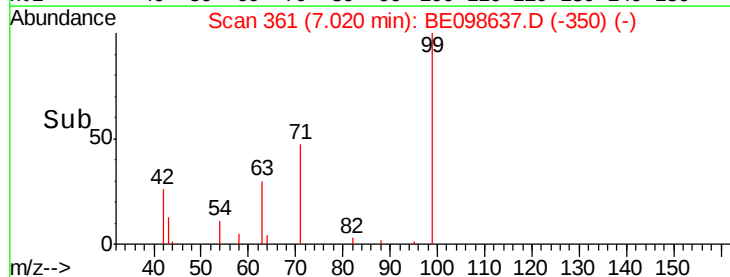
200

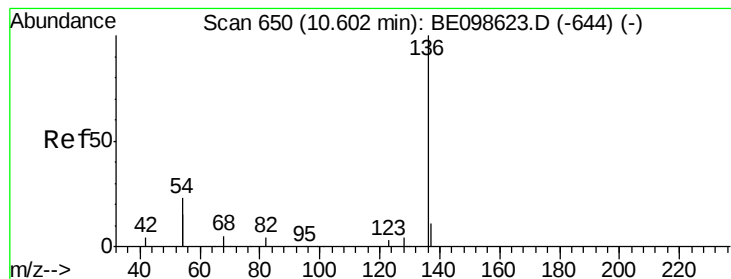
100

0

7.00 7.20

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.03 min

Lab File: BE098637.D

Acq: 16 Jan 2019 18:26

Instrument :

BNA_E

ClientSampleId :

PB116433BL

Tgt Ion:136 Resp: 3781

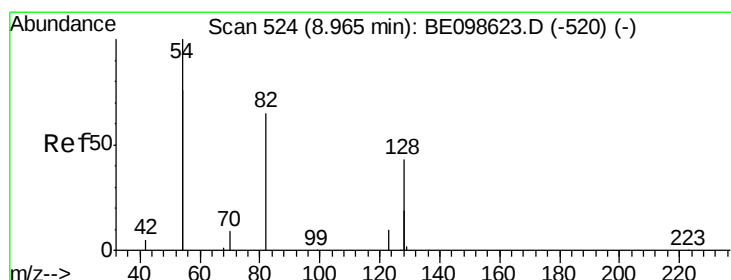
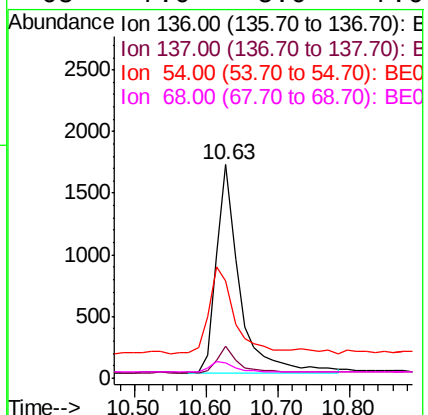
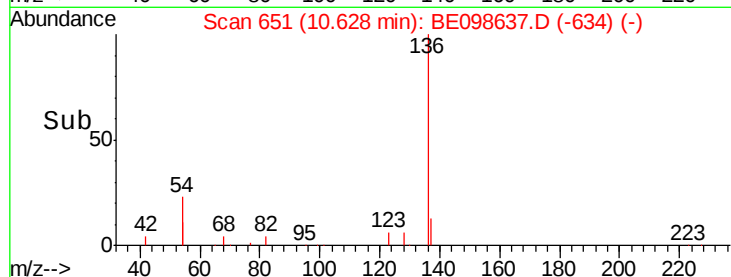
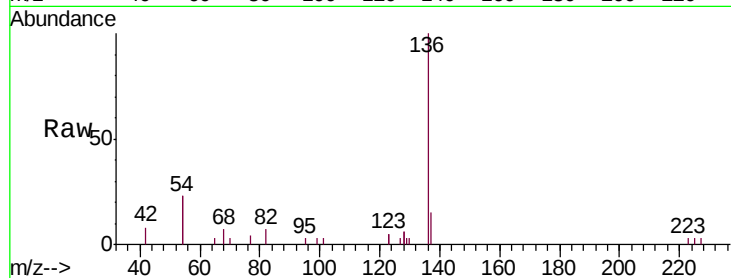
Ion Ratio Lower Upper

136 100

137 15.0 9.7 14.5#

54 45.6 35.5 53.3

68 7.0 5.0 7.6



#8

Nitrobenzene-d5

Concen: 0.394 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098637.D

Acq: 16 Jan 2019 18:26

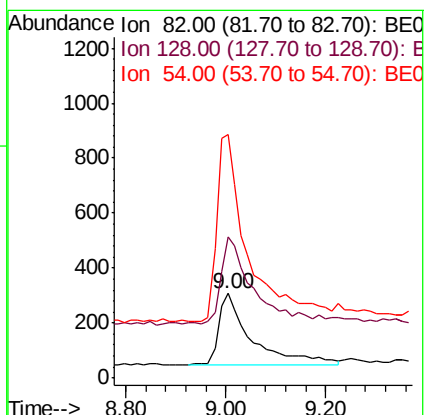
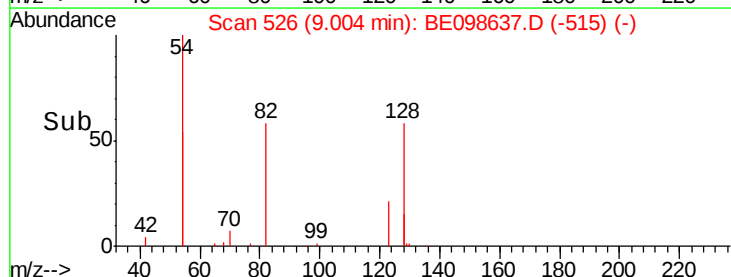
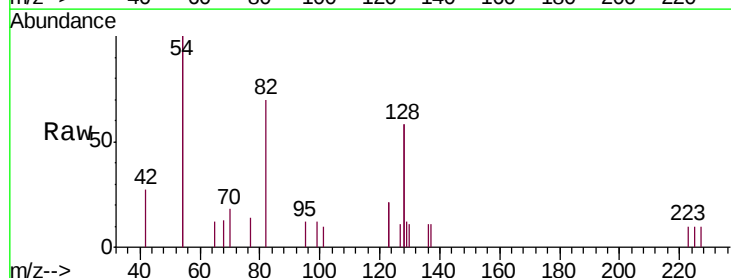
Tgt Ion: 82 Resp: 1183

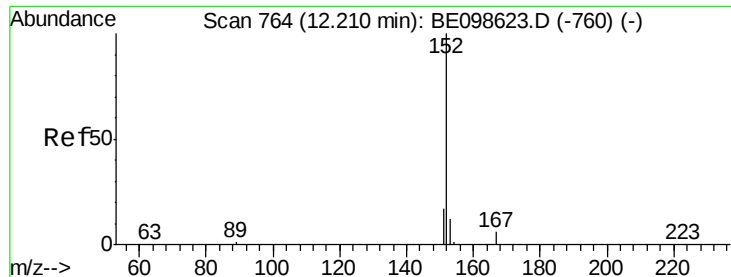
Ion Ratio Lower Upper

82 100

128 166.9 96.5 144.7#

54 287.7 224.7 337.1

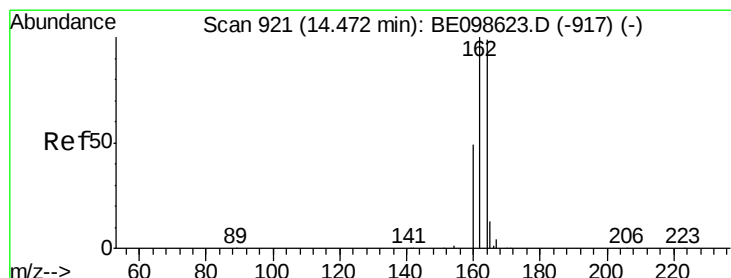
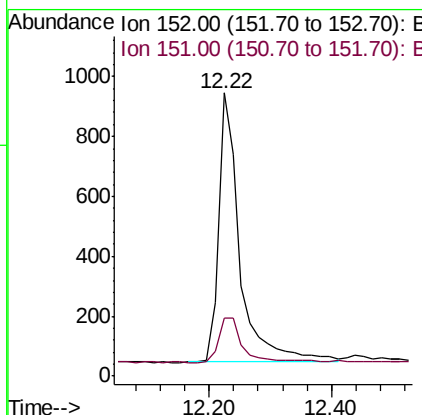
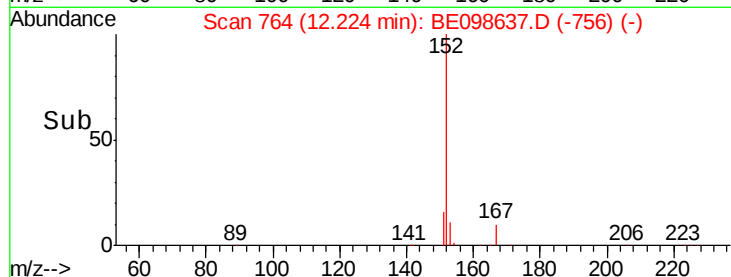
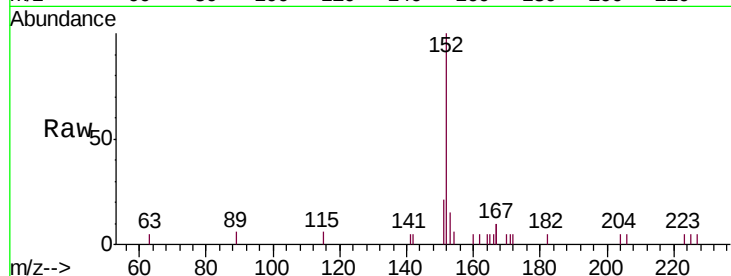




#11
 2-Methylnaphthalene-d10
 Concen: 0.352 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BE098637.D
 Acq: 16 Jan 2019 18:26

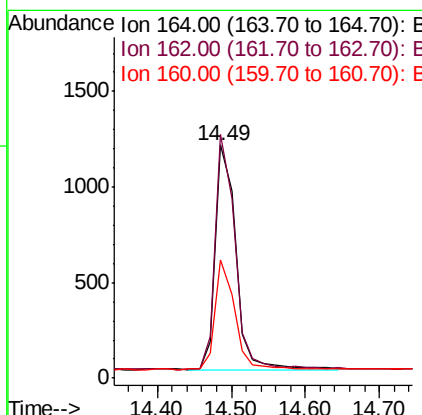
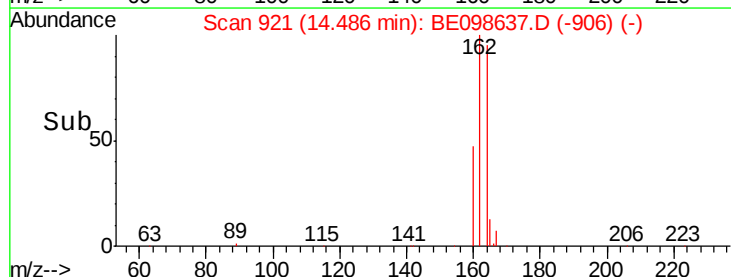
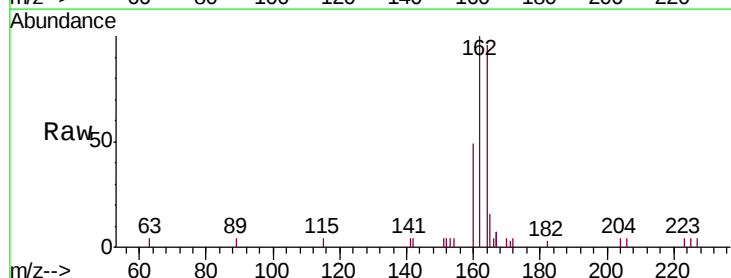
Instrument :
 BNA_E
 ClientSampleId :
 PB116433BL

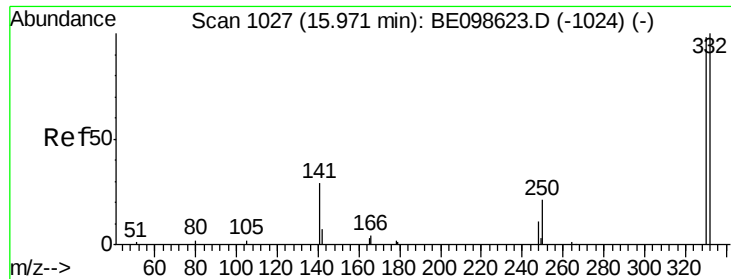
Tgt Ion:152 Resp: 2190
 Ion Ratio Lower Upper
 152 100
 151 18.7 16.2 24.4



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: BE098637.D
 Acq: 16 Jan 2019 18:26

Tgt Ion:164 Resp: 2262
 Ion Ratio Lower Upper
 164 100
 162 104.4 80.5 120.7
 160 50.9 40.1 60.1

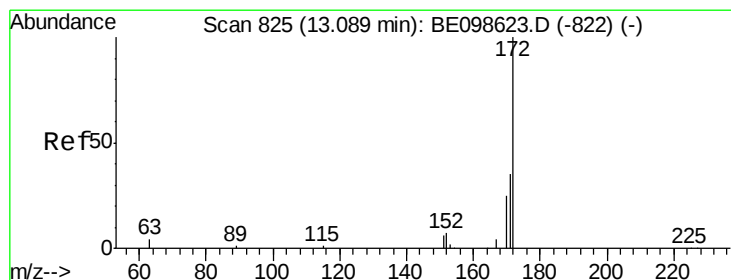
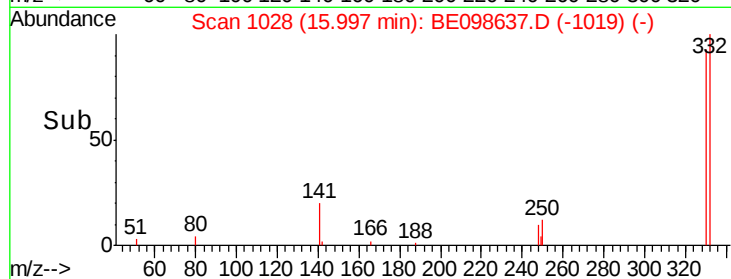
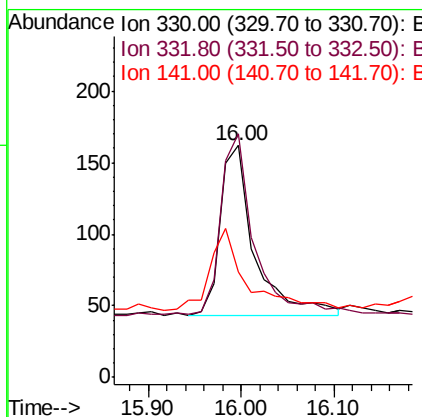
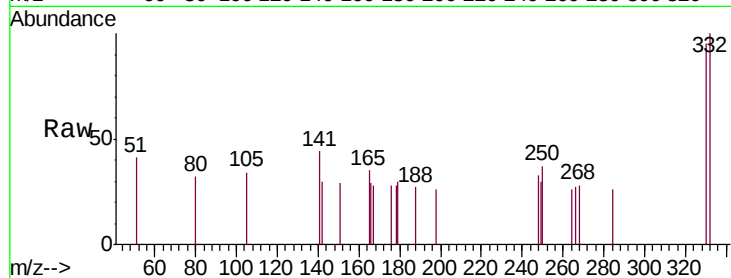




#14
 2,4,6-Tribromophenol
 Concen: 0.313 ng
 RT: 16.00 min Scan# 1028
 Delta R.T. 0.03 min
 Lab File: BE098637.D
 Acq: 16 Jan 2019 18:26

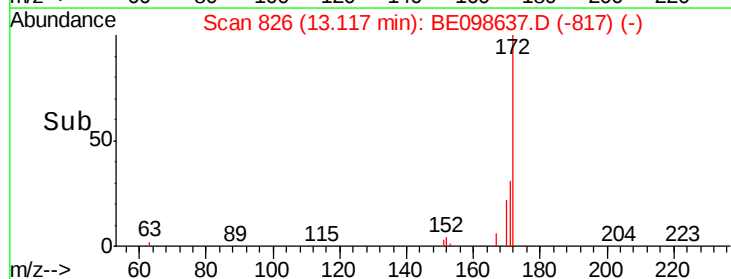
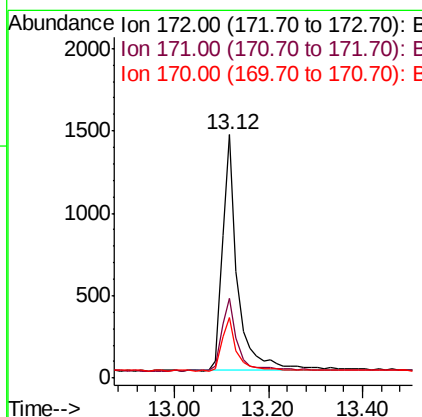
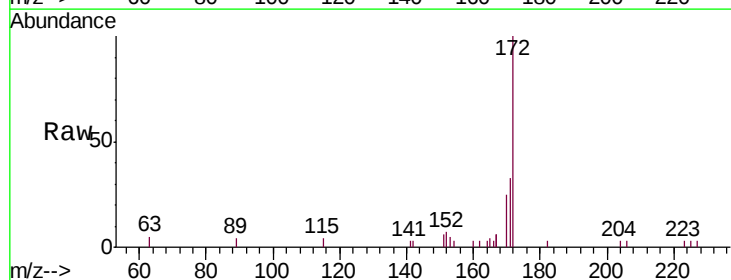
Instrument :
 BNA_E
 ClientSampleId :
 PB116433BL

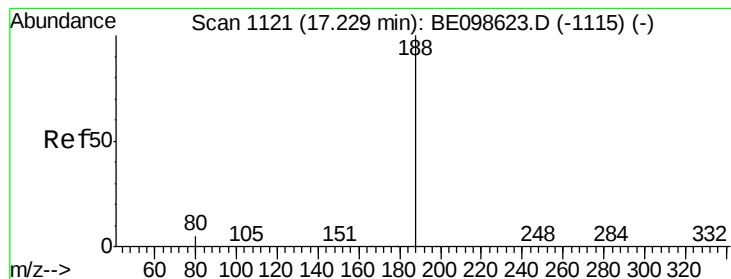
Tgt Ion:330 Resp: 308
 Ion Ratio Lower Upper
 330 100
 332 102.9 73.3 109.9
 141 53.6 33.1 49.7#



#15
 2-Fluorobiphenyl
 Concen: 0.346 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.03 min
 Lab File: BE098637.D
 Acq: 16 Jan 2019 18:26

Tgt Ion:172 Resp: 3209
 Ion Ratio Lower Upper
 172 100
 171 33.0 29.0 43.4
 170 24.6 20.8 31.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE098637.D

Acq: 16 Jan 2019 18:26

Instrument :

BNA_E

ClientSampleId :

PB116433BL

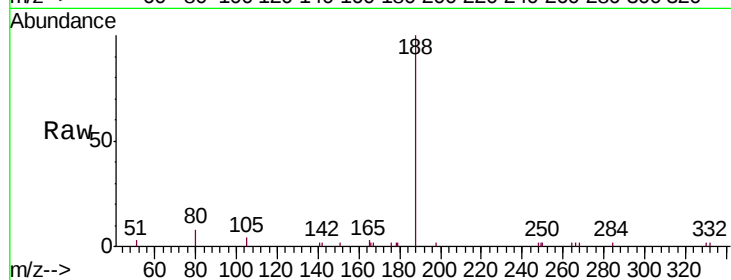
Tgt Ion:188 Resp: 5507

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

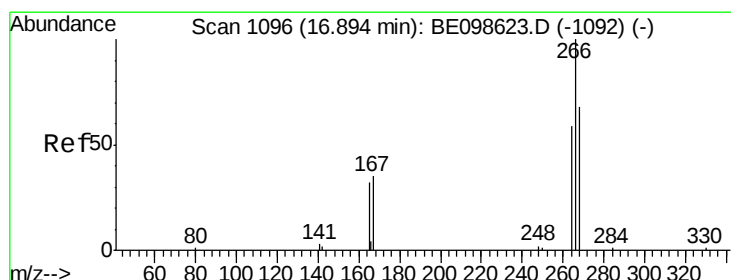
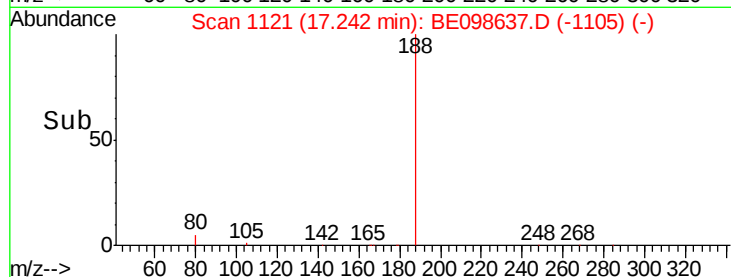
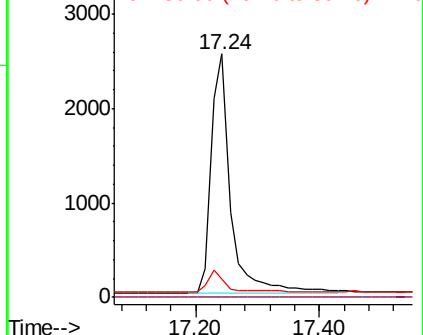
80 7.6 4.7 7.1#



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: 0.250 ng

RT: 16.91 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE098637.D

Acq: 16 Jan 2019 18:26

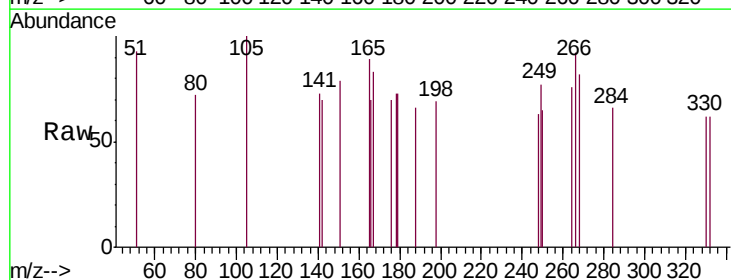
Tgt Ion:266 Resp: 67

Ion Ratio Lower Upper

266 100

264 83.1 53.7 80.5#

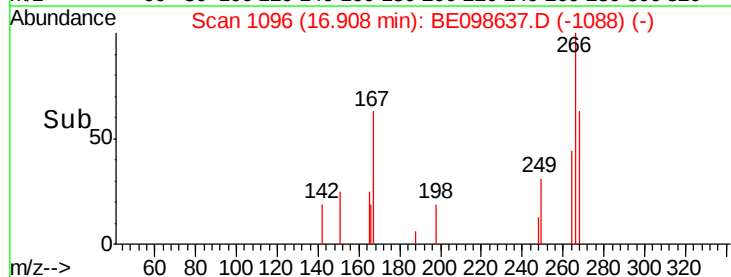
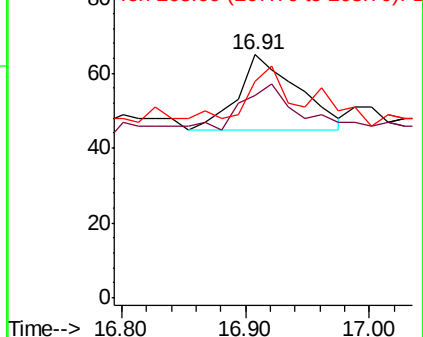
268 89.2 59.8 89.8

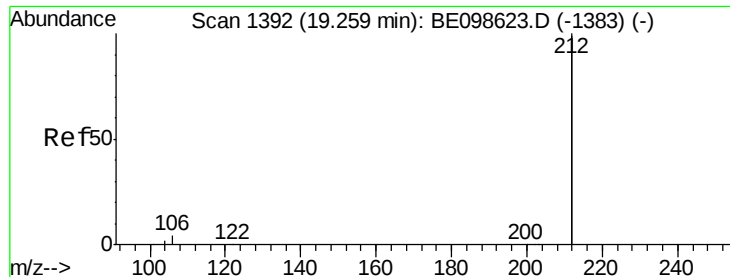


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BE098637.D

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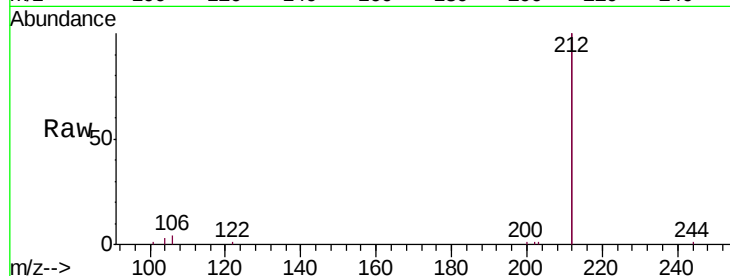
Tgt Ion:212 Resp: 26558

Ion Ratio Lower Upper

212 100

106 2.0 1.7 2.5

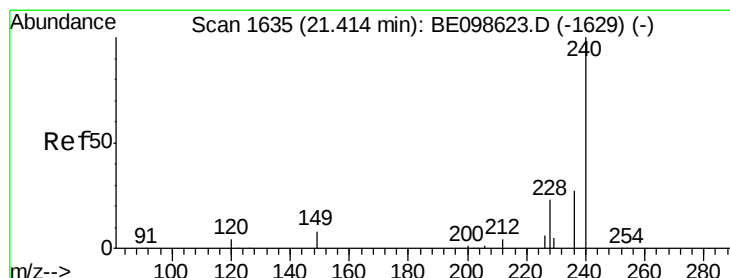
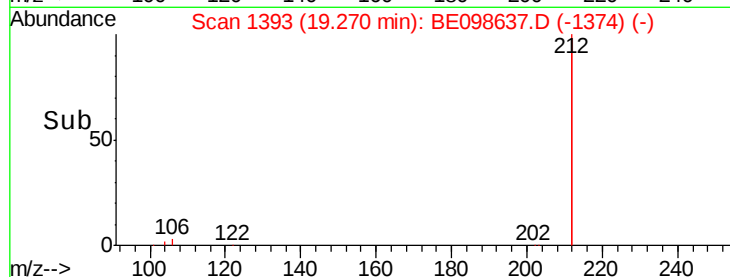
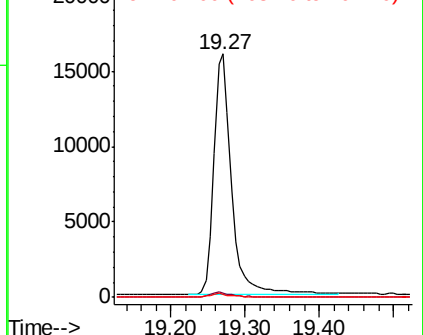
104 1.2 1.0 1.6



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: BE098637.D

Acq: 16 Jan 2019 18:26

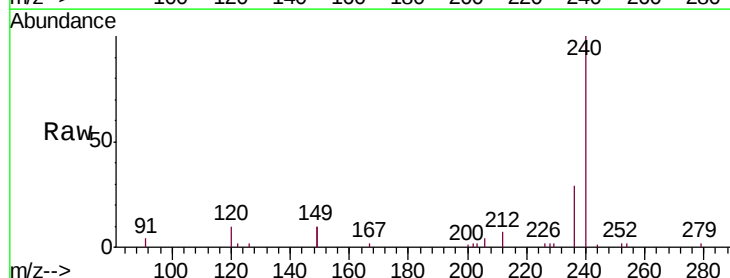
Tgt Ion:240 Resp: 7047

Ion Ratio Lower Upper

240 100

120 10.1 4.7 7.1#

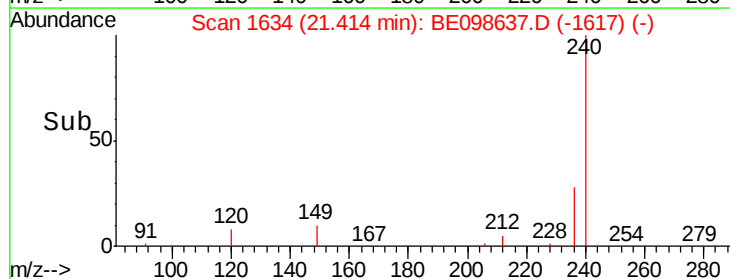
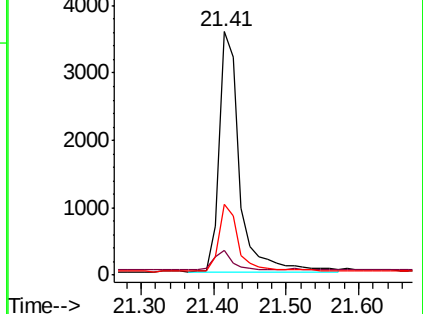
236 29.1 21.9 32.9

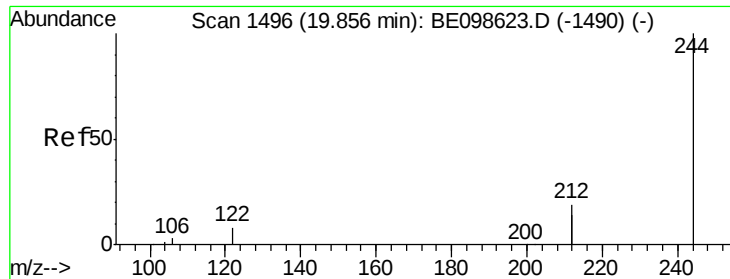


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.385 ng

RT: 19.86 min Scan# 1496

Delta R.T. 0.01 min

Lab File: BE098637.D

Acq: 16 Jan 2019 18:26

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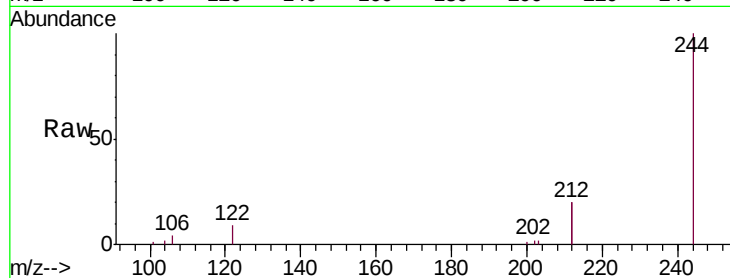
Tgt Ion:244 Resp: 5999

Ion Ratio Lower Upper

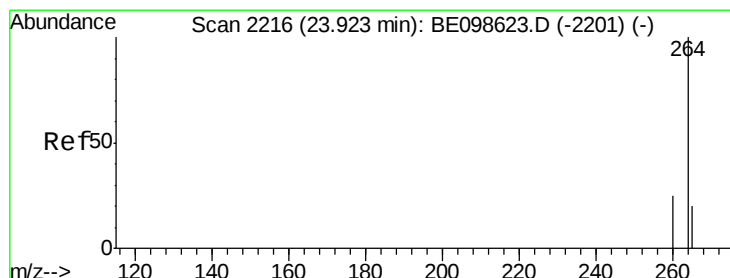
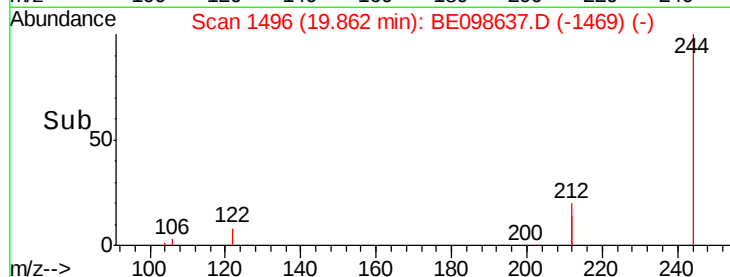
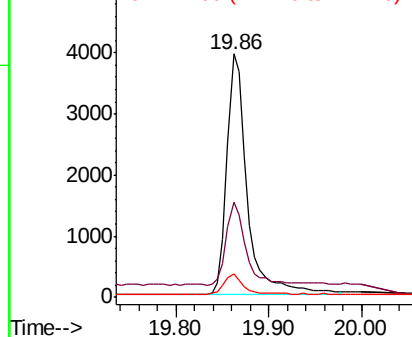
244 100

212 39.1 29.4 44.2

122 9.5 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# 2218

Delta R.T. 0.01 min

Lab File: BE098637.D

Acq: 16 Jan 2019 18:26

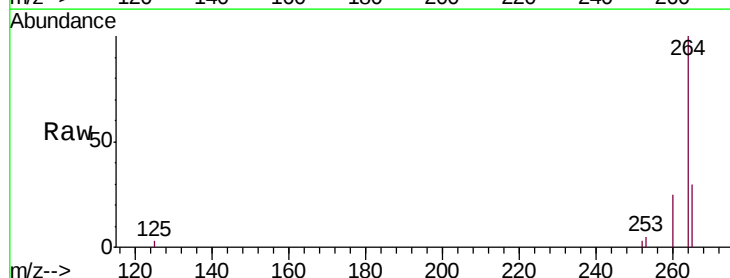
Tgt Ion:264 Resp: 7023

Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

265 29.8 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

