

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE011519\
 Data File : BE098632.D
 Acq On : 15 Jan 2019 17:48
 Operator : SJ/JU
 Sample : K1029-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B12_123118

Quant Time: Jan 16 00:43:03 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	60631	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	237802	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	151004	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	358492	0.40	ng	0.00
27) Chrysene-d12	21.41	240	425274	0.40	ng	0.00
34) Perylene-d12	23.92	264	436978	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	186934	1.16	ng	-0.01
5) Phenol-d6	6.97	99	168835	0.73	ng	-0.02
8) Nitrobenzene-d5	8.97	82	460106	2.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.43	152	67	0.00	ng	0.22
14) 2,4,6-Tribromophenol	15.97	330	216959	3.30	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	881400	1.43	ng	0.00
25) Fluoranthene-d10	19.25	212	27	0.00	ng	-0.01
29) Terphenyl-d14	19.86	244	1531973	1.63	ng	0.00

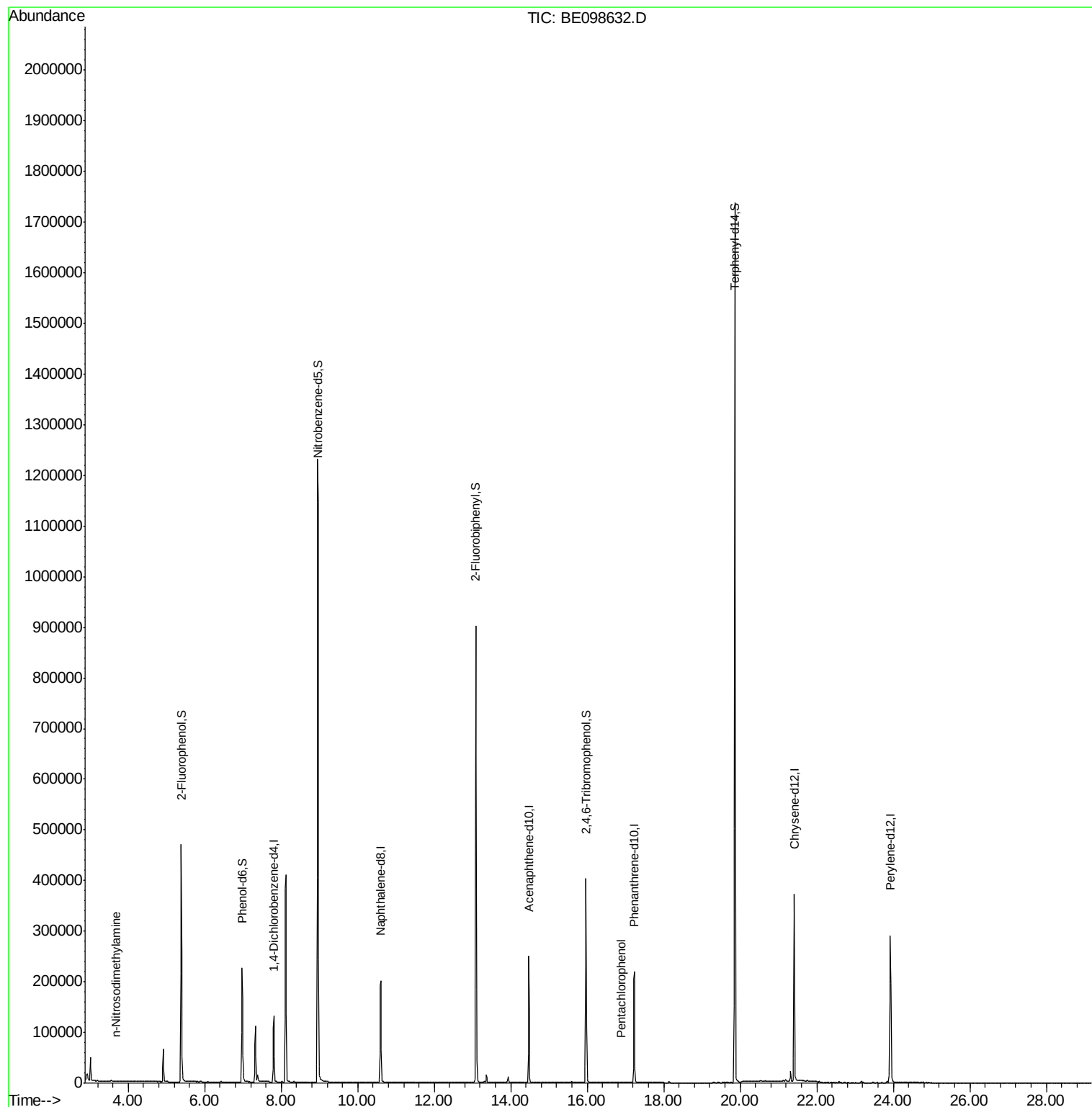
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.68	42	26	0.128	ng	# 13
22) Pentachlorophenol	16.89	266	42	0.204	ng	# 78

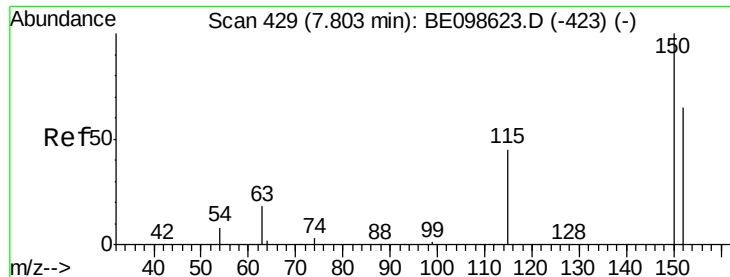
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.80 min Scan# 429

Delta R.T. 0.00 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Instrument :

BNA_E

ClientSampleId :

B12_123118

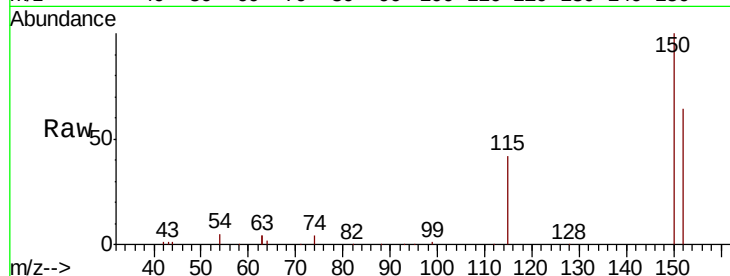
Tgt Ion:152 Resp: 60631

Ion Ratio Lower Upper

152 100

150 155.2 121.4 182.2

115 64.5 59.1 88.7

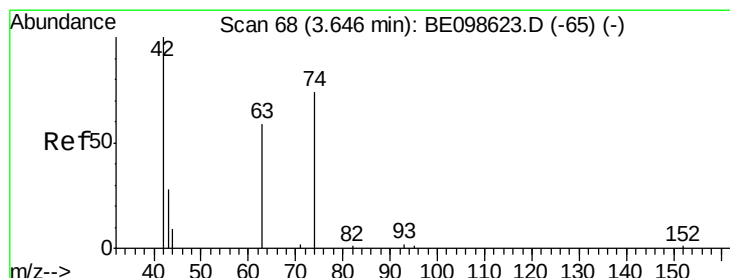
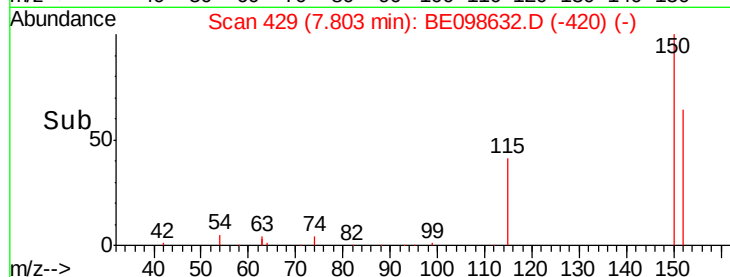
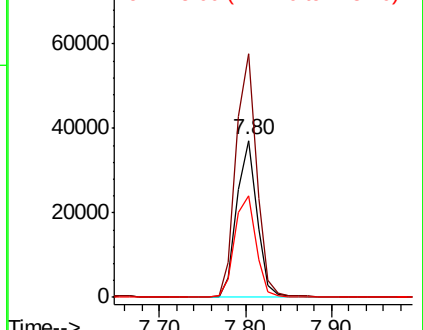


Abundance

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: 0.128 ng

RT: 3.68 min Scan# 71

Delta R.T. 0.04 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

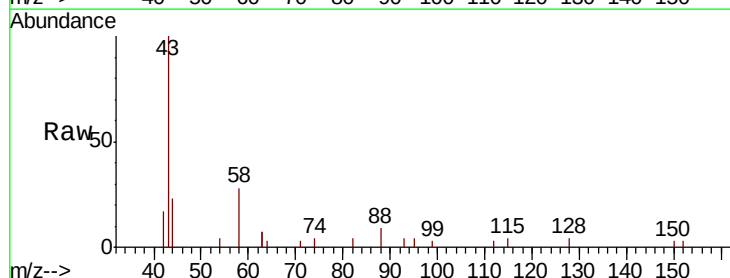
Tgt Ion: 42 Resp: 26

Ion Ratio Lower Upper

42 100

74 0.0 58.9 88.3#

44 96.2 0.0 0.0#

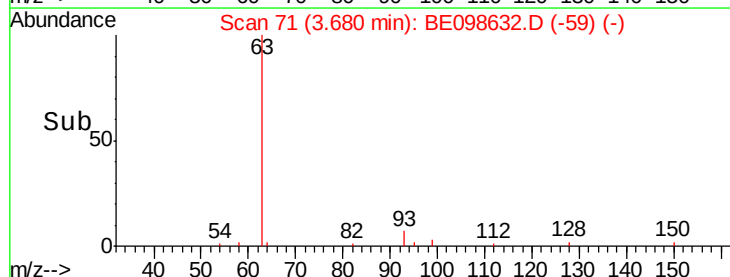
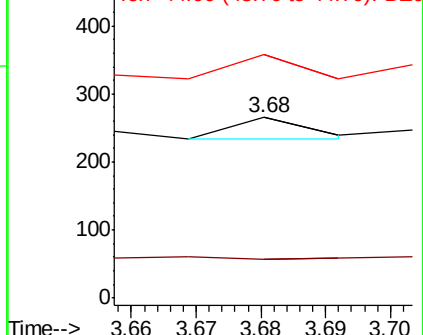


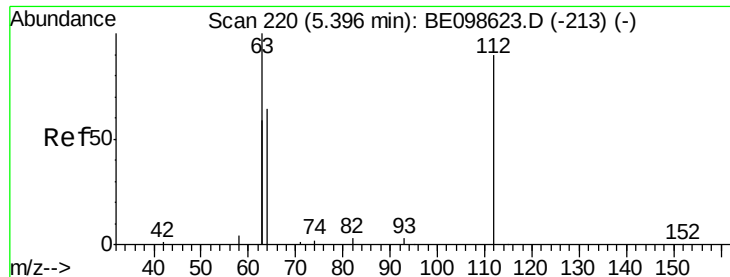
Abundance

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: 1.156 ng

RT: 5.38 min Scan# 219

Delta R.T. -0.01 min

Lab File: BE098632.D

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Instrument :

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ClientSampleId :

B12_123118

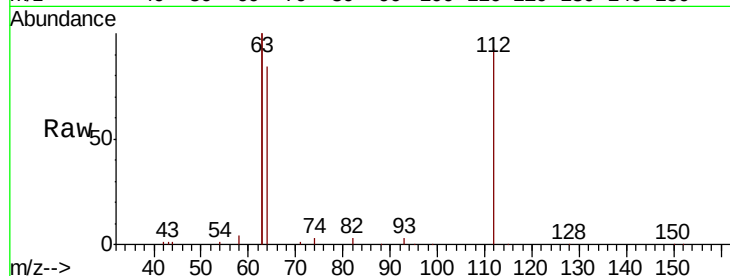
Tgt Ion: 112 Resp: 186934

Ion Ratio Lower Upper

112 100

64 79.6 62.9 94.3

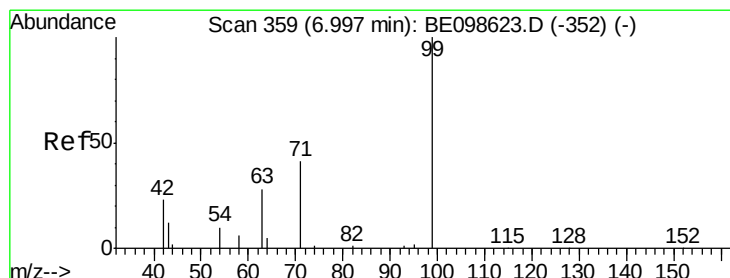
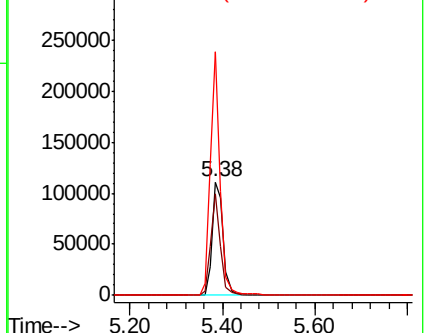
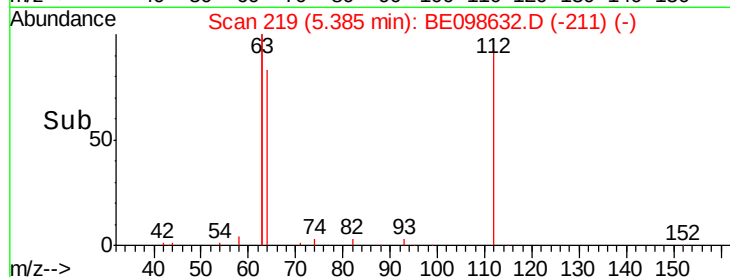
63 191.1 152.2 228.4



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



#5

Phenol-d6

Concen: 0.733 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.02 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

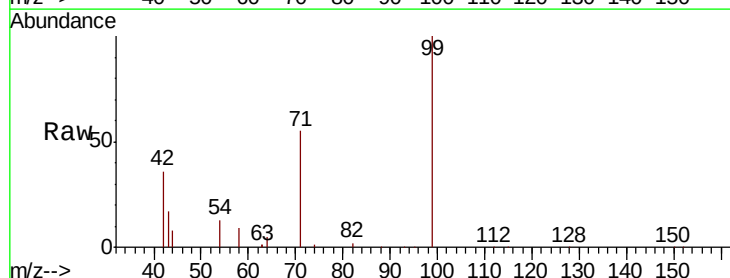
Tgt Ion: 99 Resp: 168835

Ion Ratio Lower Upper

99 100

42 32.2 24.6 37.0

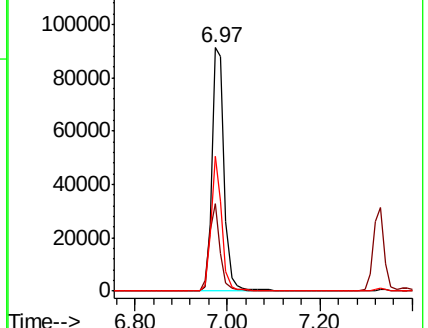
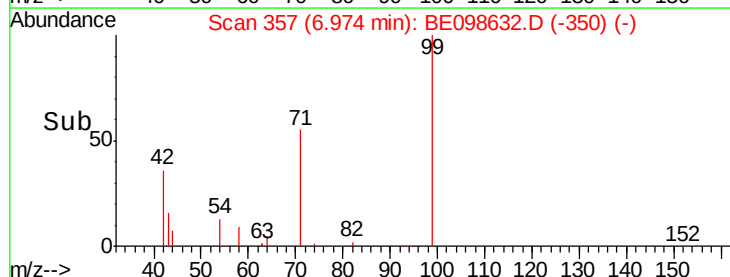
71 48.8 35.1 52.7

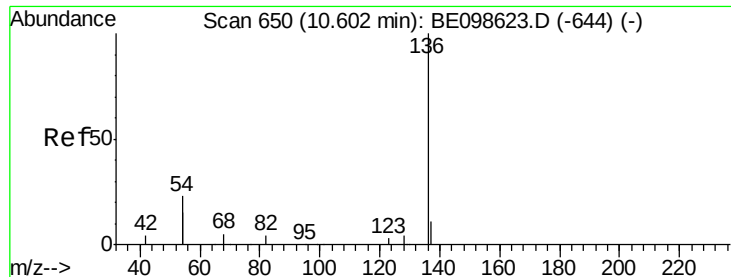


Abundance Ion 99.00 (98.70 to 99.70): BE0

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# 650

Delta R.T. 0.00 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Instrument :

BNA_E

ClientSampleId :

B12_123118

Tgt Ion:136 Resp: 237802

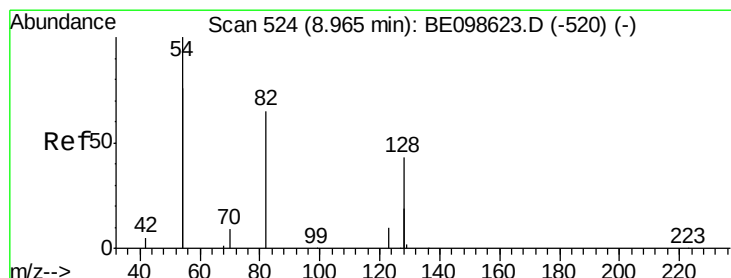
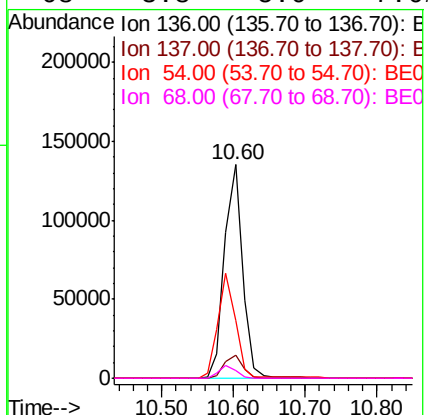
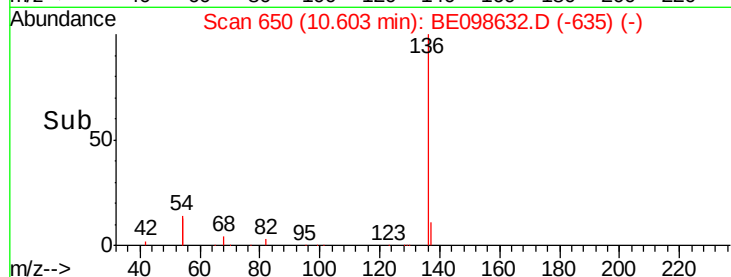
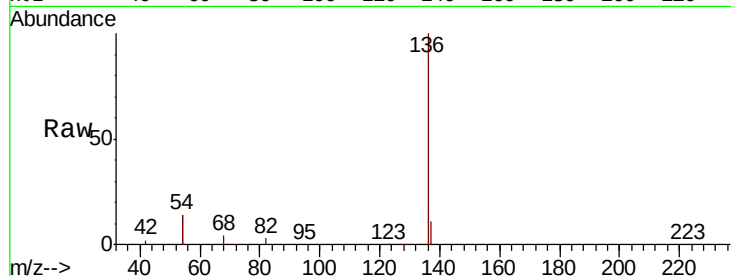
Ion Ratio Lower Upper

136 100

137 11.1 9.7 14.5

54 27.2 35.5 53.3#

68 3.8 5.0 7.6#



#8

Nitrobenzene-d5

Concen: 2.439 ng

RT: 8.97 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

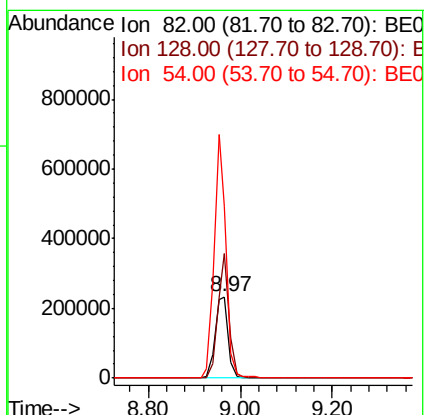
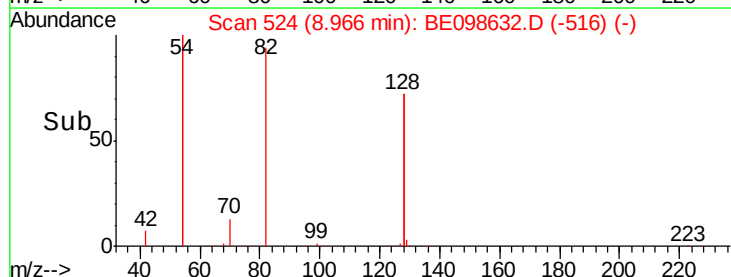
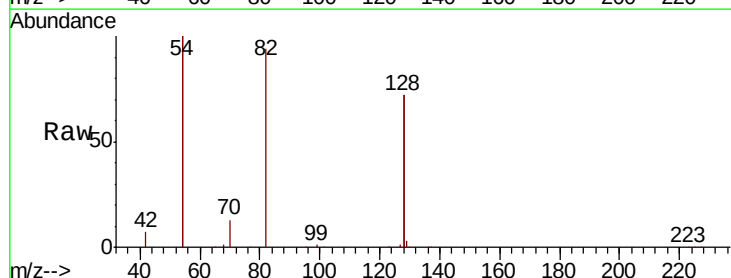
Tgt Ion: 82 Resp: 460106

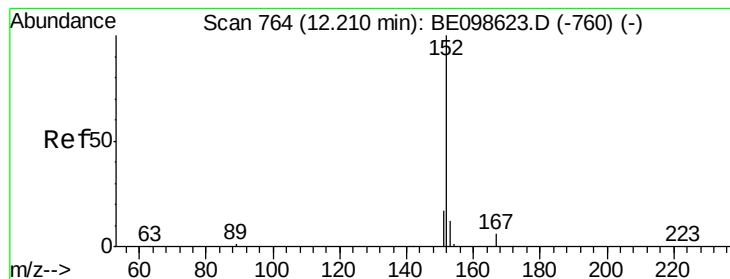
Ion Ratio Lower Upper

82 100

128 153.0 96.5 144.7#

54 211.8 224.7 337.1#





#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 12.43 min Scan# 779

Delta R.T. 0.22 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Instrument :

BNA_E

ClientSampleId :

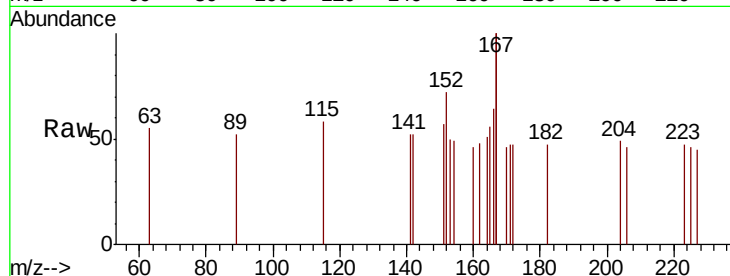
B12_123118

Tgt Ion:152 Resp: 67

Ion Ratio Lower Upper

152 100

151 23.9 16.2 24.4

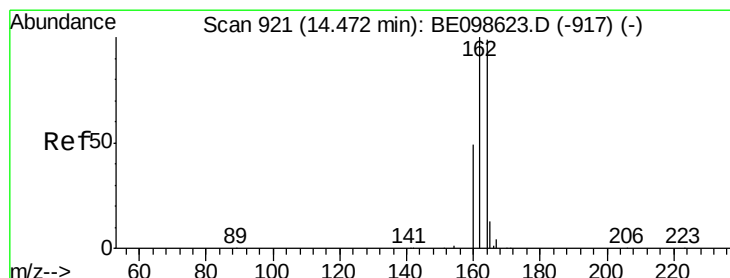
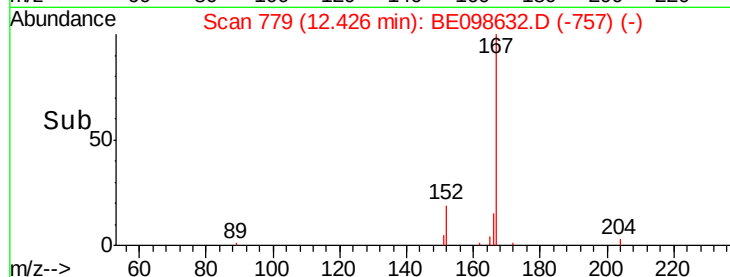


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.43

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 921

Delta R.T. -0.00 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

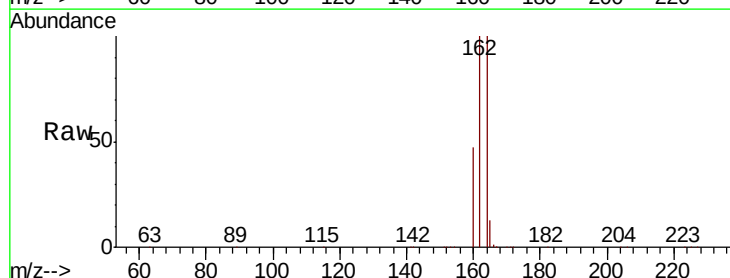
Tgt Ion:164 Resp: 151004

Ion Ratio Lower Upper

164 100

162 100.3 80.5 120.7

160 46.9 40.1 60.1



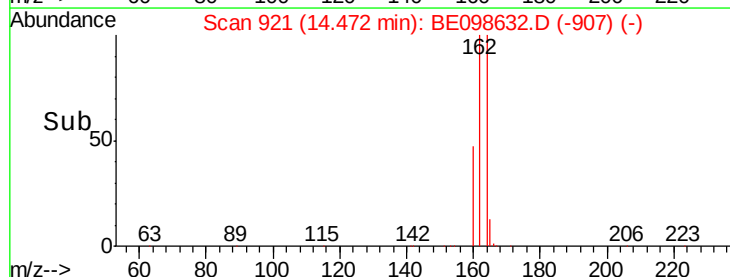
Abundance Ion 164.00 (163.70 to 164.70): E

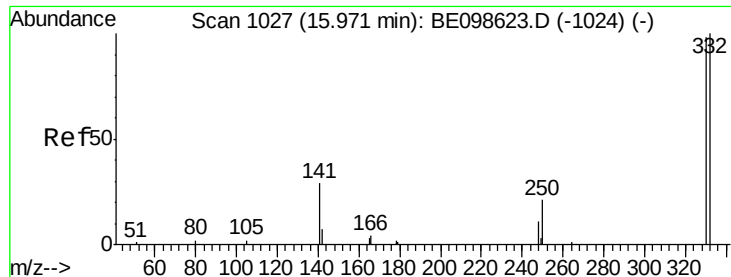
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.47

Time-->

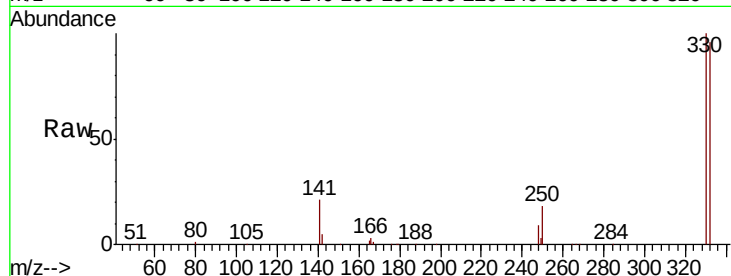




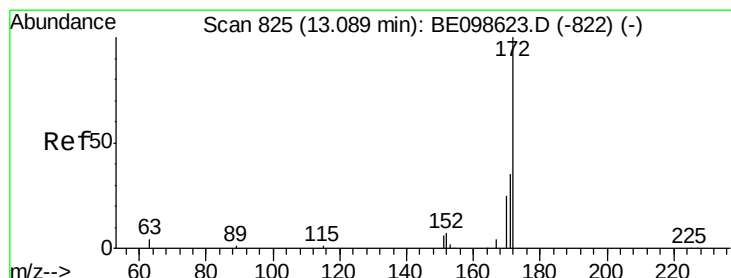
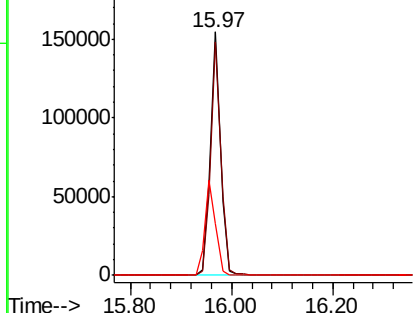
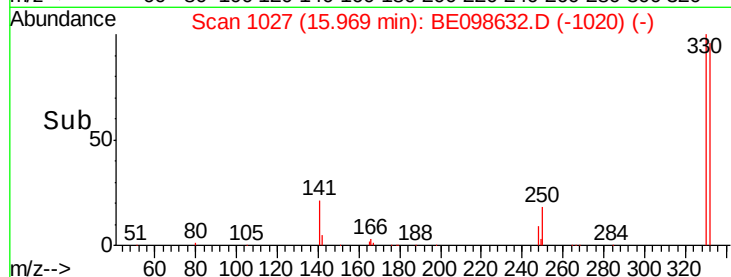
#14
 2,4,6-Tribromophenol
 Concen: 3.302 ng
 RT: 15.97 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BE098632.D
 Acq: 15 Jan 2019 17:48

Instrument :
 BNA_E
 ClientSampleId :
 B12_123118

Tgt Ion: 330 Resp: 216959
 Ion Ratio Lower Upper
 330 100
 332 96.0 73.3 109.9
 141 42.2 33.1 49.7

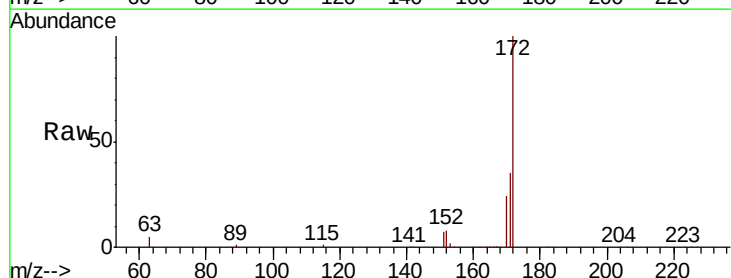


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

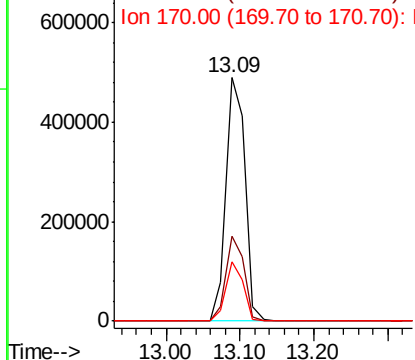
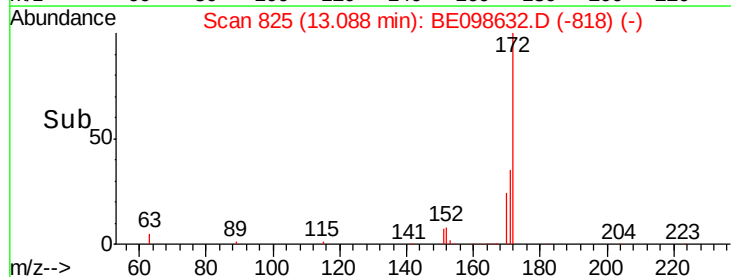


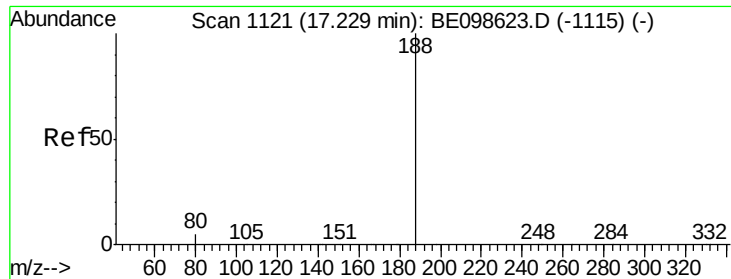
#15
 2-Fluorobiphenyl
 Concen: 1.425 ng
 RT: 13.09 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE098632.D
 Acq: 15 Jan 2019 17:48

Tgt Ion: 172 Resp: 881400
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.0 43.4
 170 24.5 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# 1121

Delta R.T. -0.00 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Instrument :

BNA_E

ClientSampleId :

B12_123118

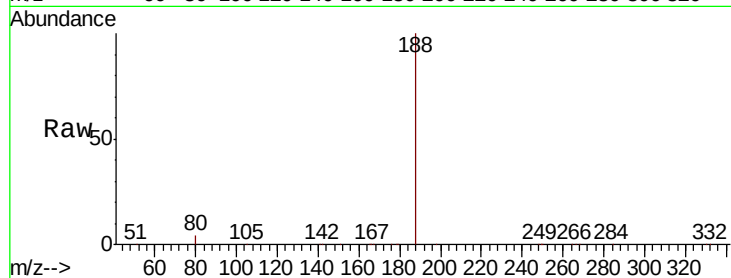
Tgt Ion:188 Resp: 358492

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

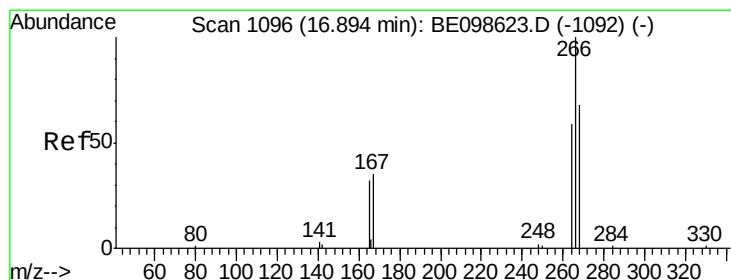
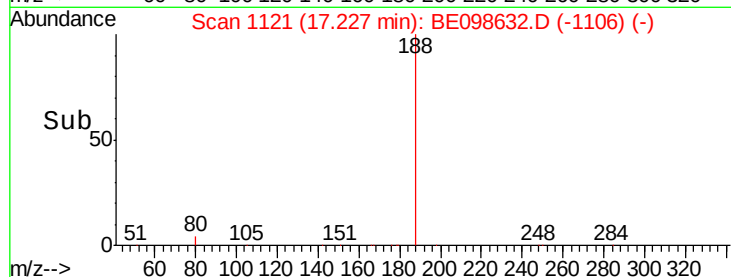
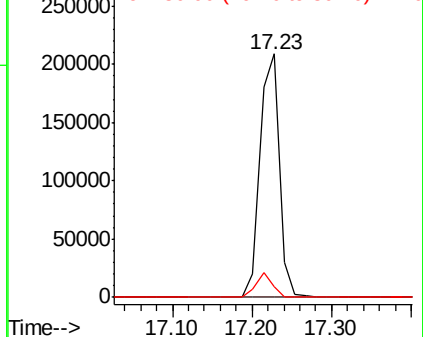
80 4.3 4.7 7.1#



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# 1096

Delta R.T. -0.00 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

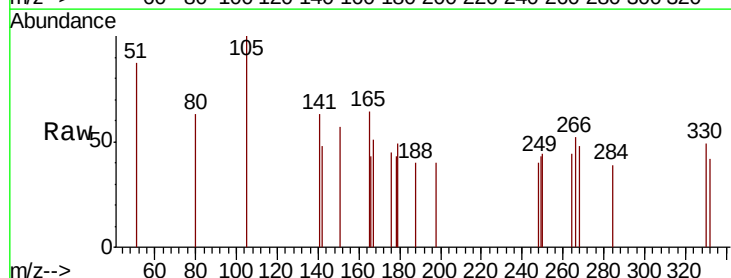
Tgt Ion:266 Resp: 42

Ion Ratio Lower Upper

266 100

264 84.6 53.7 80.5#

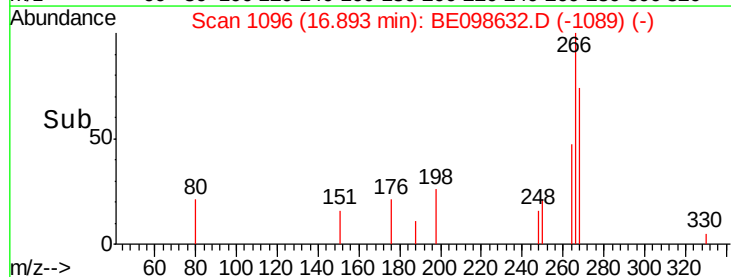
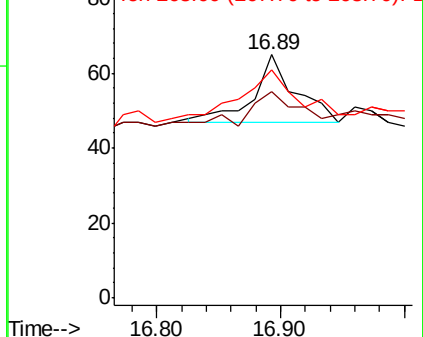
268 93.8 59.8 89.8#

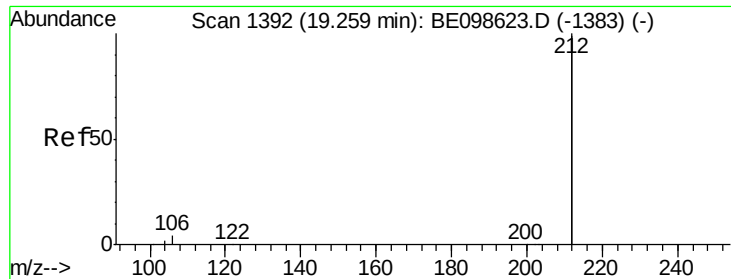


Abundance Ion 266.00 (265.70 to 266.70): E

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: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

Instrument :

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ClientSampleId :

B12 123118

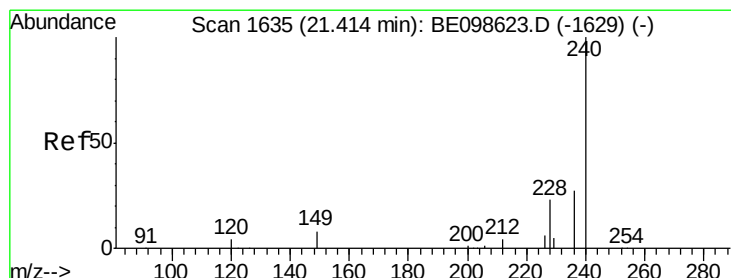
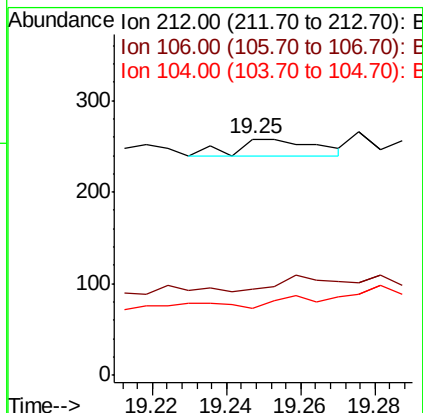
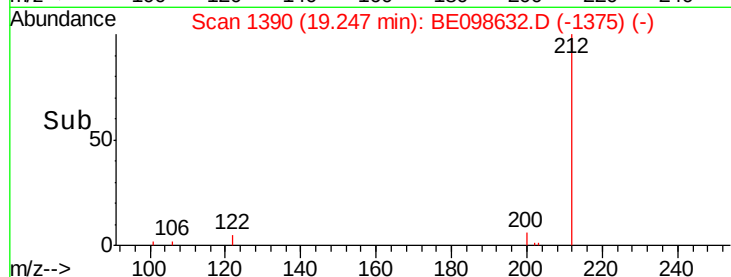
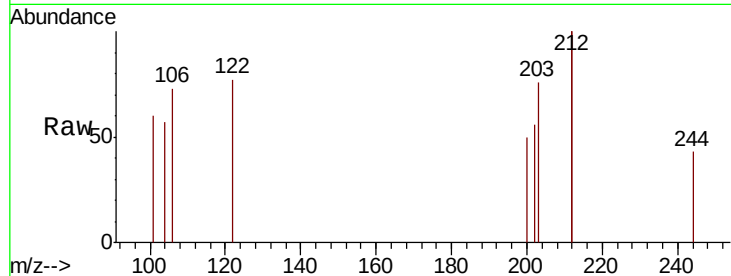
Tgt Ion:212 Resp: 27

Ion Ratio Lower Upper

212 100

106 77.8 1.7 2.5#

104 37.0 1.0 1.6#



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

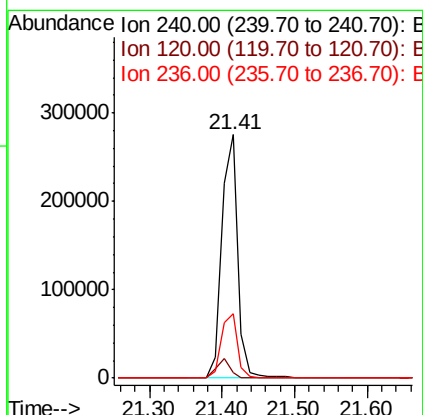
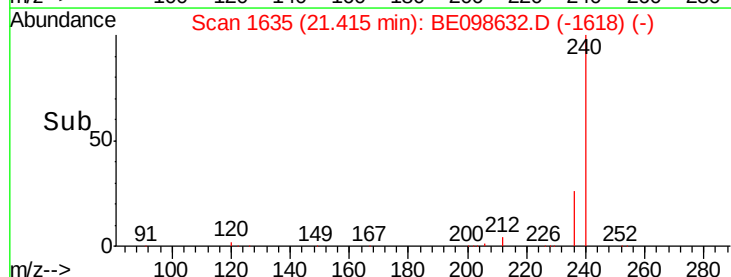
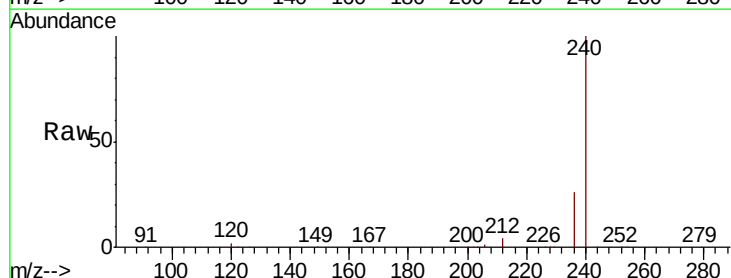
Tgt Ion:240 Resp: 425274

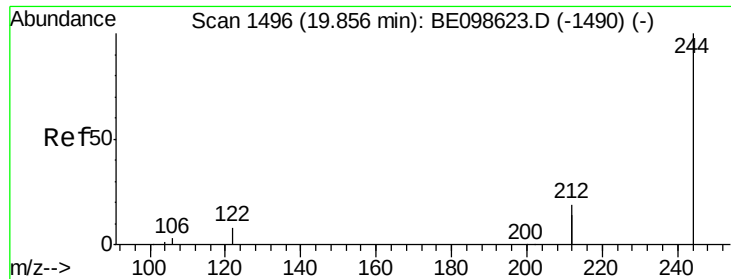
Ion Ratio Lower Upper

240 100

120 2.5 4.7 7.1#

236 26.4 21.9 32.9





#29

Terphenyl-d14

Concen: 1.628 ng

RT: 19.86 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BE098632.D

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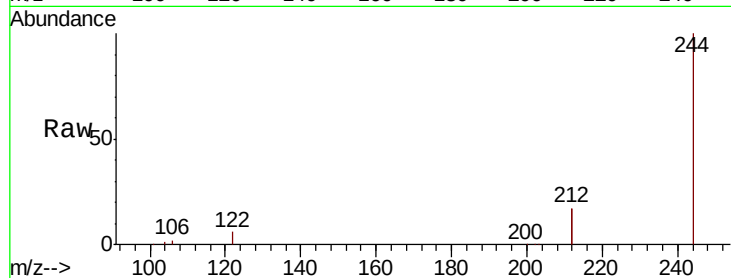
Tgt Ion:244 Resp: 1531973

Ion Ratio Lower Upper

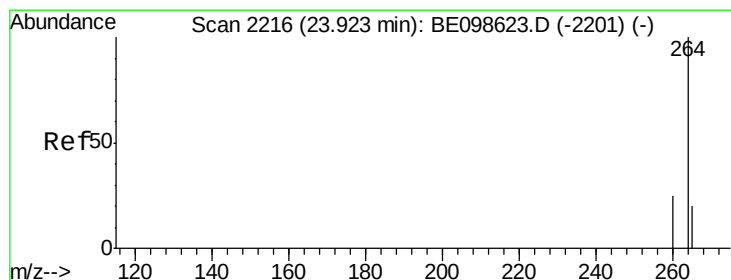
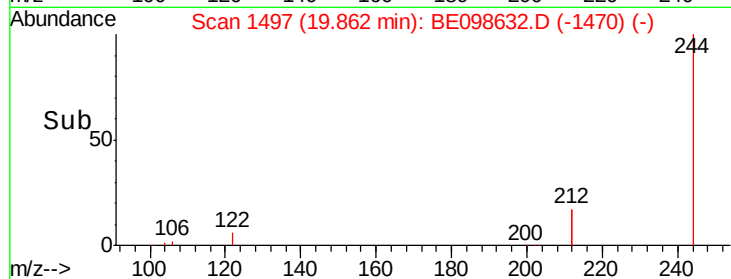
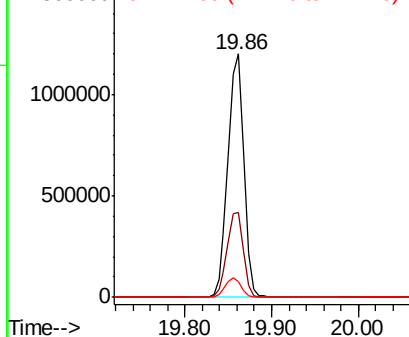
244 100

212 34.8 29.4 44.2

122 6.4 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: 23.92 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BE098632.D

Acq: 15 Jan 2019 17:48

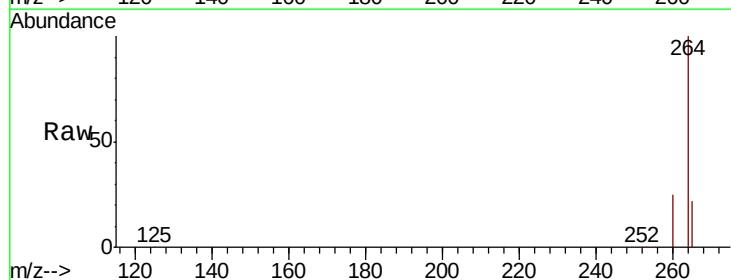
Tgt Ion:264 Resp: 436978

Ion Ratio Lower Upper

264 100

260 25.4 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

