

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011020\
 Data File : BE101020.D
 Acq On : 10 Jan 2020 11:21
 Operator : JU
 Sample : PB125982BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 10 12:20:35 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA E\Methods\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

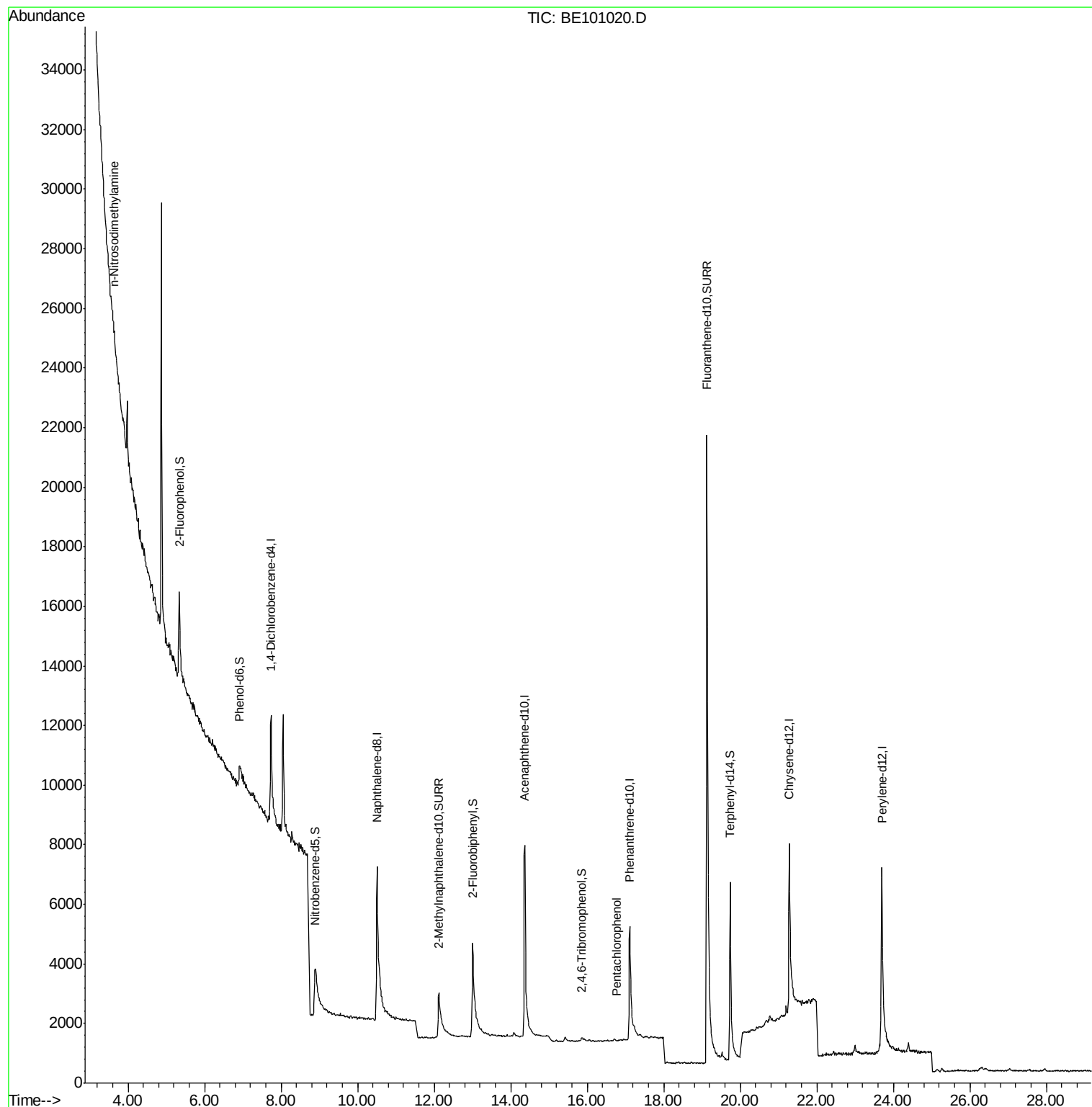
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3071	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	12279	0.40	ng	0.01
13) Acenaphthene-d10	14.37	164	6833	0.40	ng	0.01
19) Phenanthrene-d10	17.11	188	13568	0.40	ng	0.01
27) Chrysene-d12	21.28	240	12175	0.40	ng	0.00
34) Perylene-d12	23.70	264	14683	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2143	0.31	ng	0.00
5) Phenol-d6	6.92	99	2206	0.25	ng	0.00
8) Nitrobenzene-d5	8.89	82	2141	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	12.12	152	6614	0.28	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	168	0.09	ng	0.01
15) 2-Fluorobiphenyl	13.00	172	9046	0.35	ng	0.00
25) Fluoranthene-d10	19.13	212	52648	0.28	ng	0.00
29) Terphenyl-d14	19.74	244	9805	0.33	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.64	42	553	0.130	ng	# 1
22) Pentachlorophenol	16.76	266	7	0.253	ng	# 81

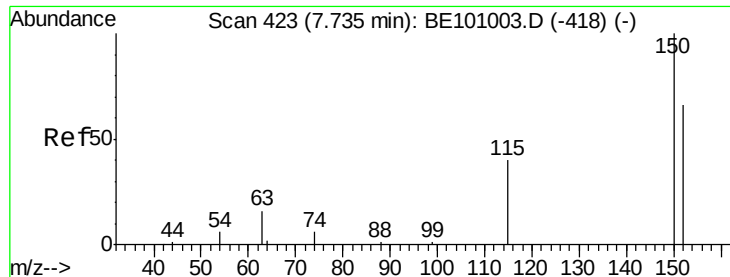
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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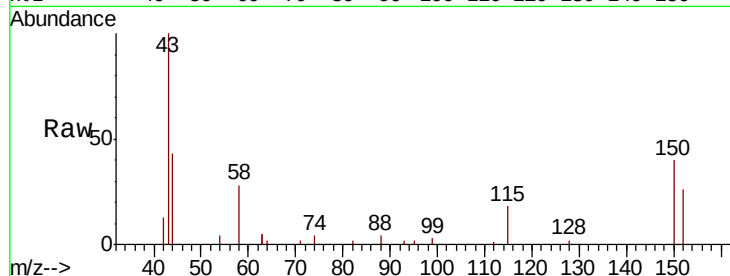


#1

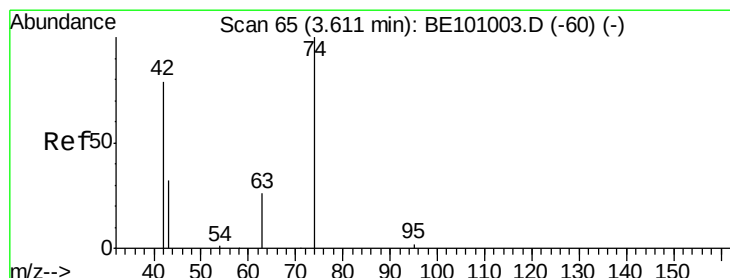
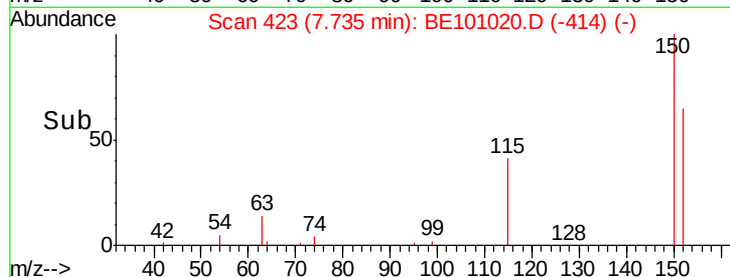
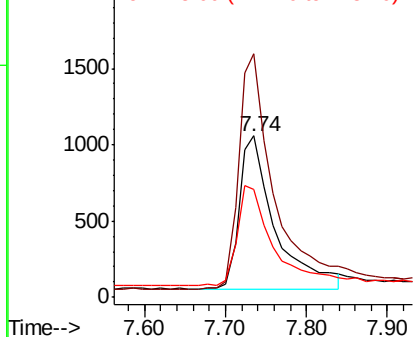
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101020.D
Acq: 10 Jan 2020 11:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3071
Ion Ratio Lower Upper
152 100
150 151.1 120.3 180.5
115 67.0 51.7 77.5



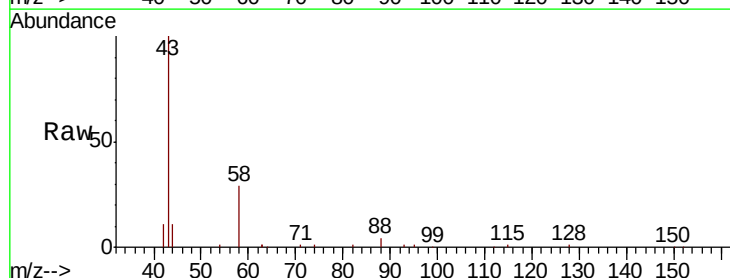
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



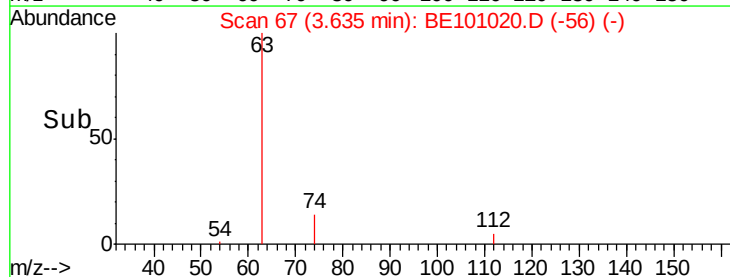
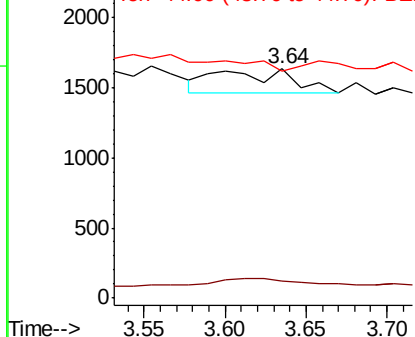
#3

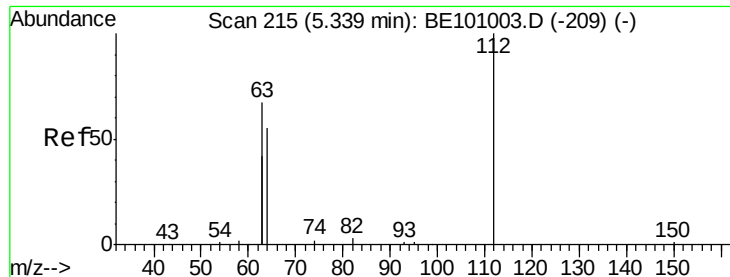
n-Nitrosodimethylamine
Concen: 0.130 ng
RT: 3.64 min Scan# 67
Delta R.T. 0.02 min
Lab File: BE101020.D
Acq: 10 Jan 2020 11:21

Tgt Ion: 42 Resp: 553
Ion Ratio Lower Upper
42 100
74 0.0 105.7 158.5#
44 0.0 10.0 15.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.310 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

Instrument :

BNA_E

ClientSampleId :

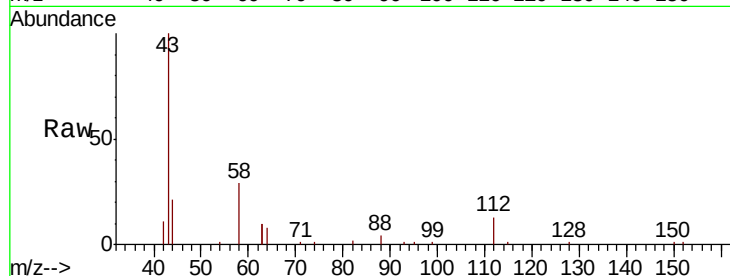
Tot Ion:112 Resp: 2143

Ion Ratio Lower Upper

112 100

64 71.0 53.6 80.4

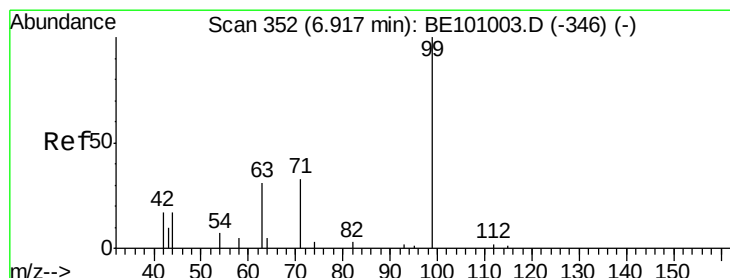
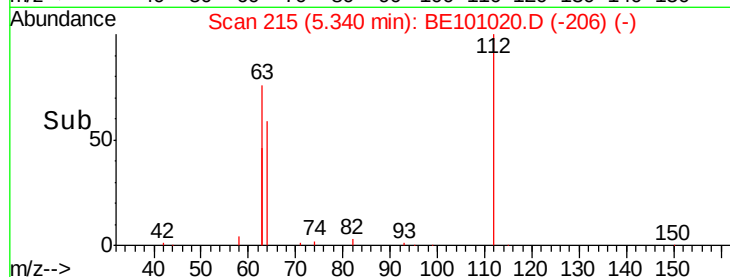
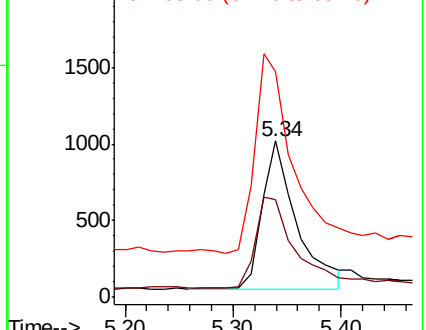
63 150.1 114.6 172.0



Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1



#5

Phenol-d6

Concen: 0.252 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

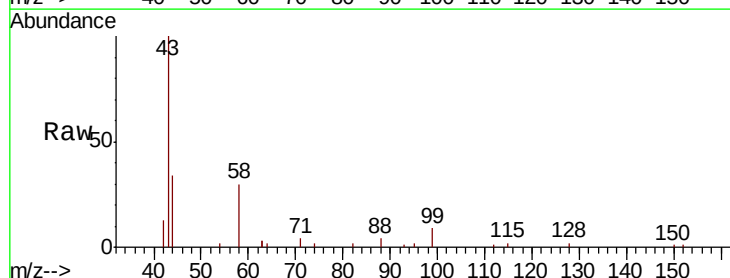
Tgt Ion: 99 Resp: 2206

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

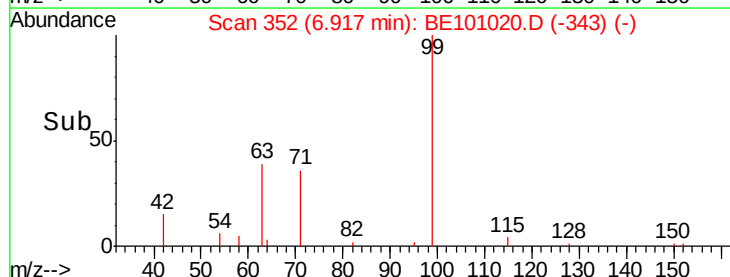
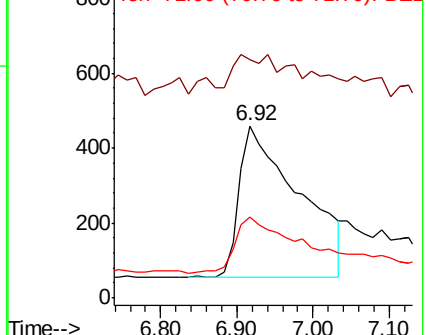
71 40.8 28.0 42.0

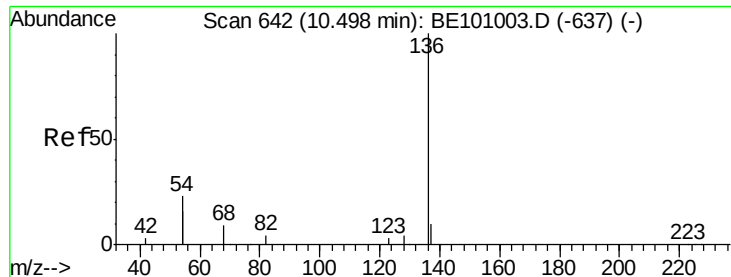


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 12279

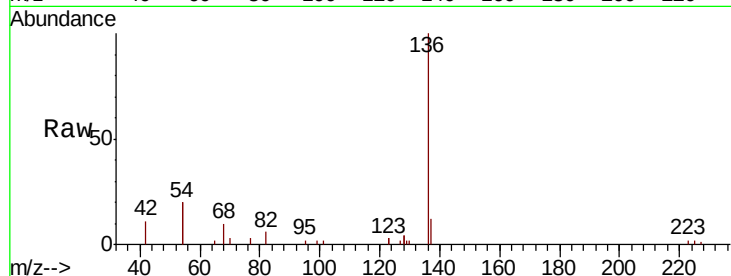
Ion Ratio Lower Upper

136 100

137 12.3 9.3 13.9

54 40.1 36.8 55.2

68 9.7 8.4 12.6

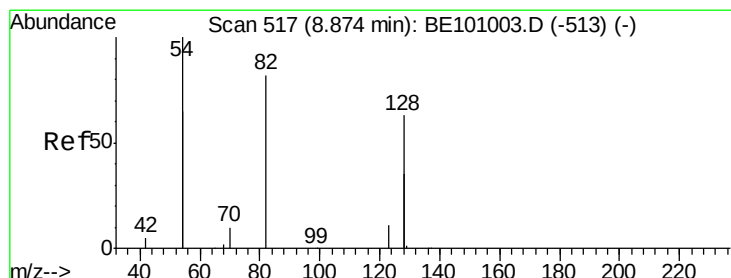
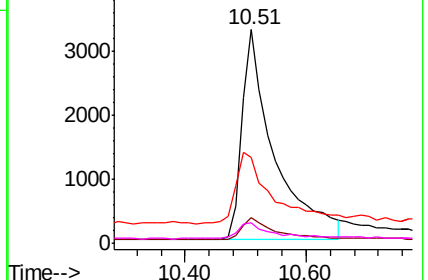
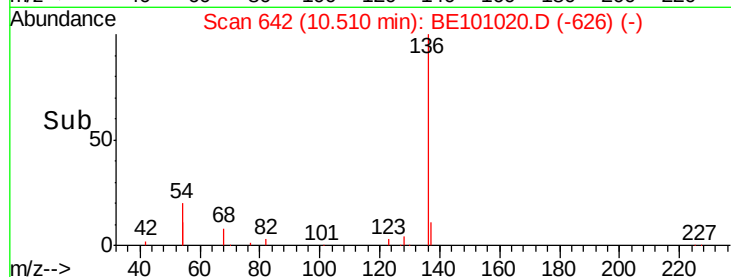


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.244 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

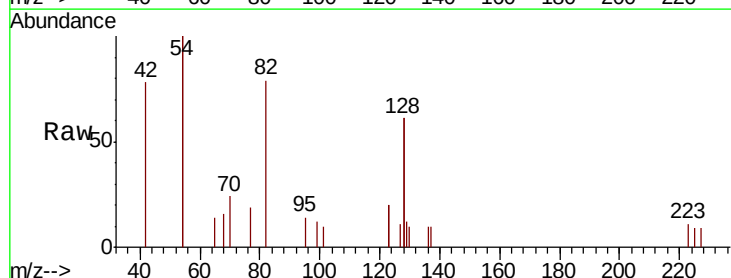
Tgt Ion: 82 Resp: 2141

Ion Ratio Lower Upper

82 100

128 155.1 109.8 164.6

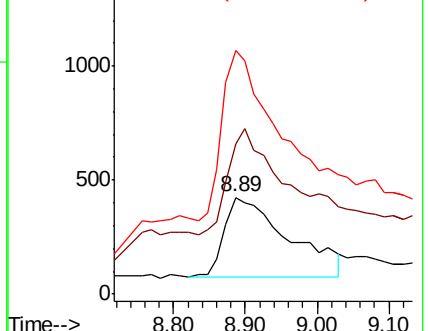
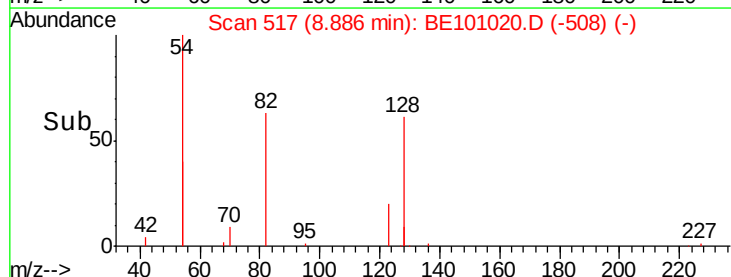
54 252.5 174.5 261.7

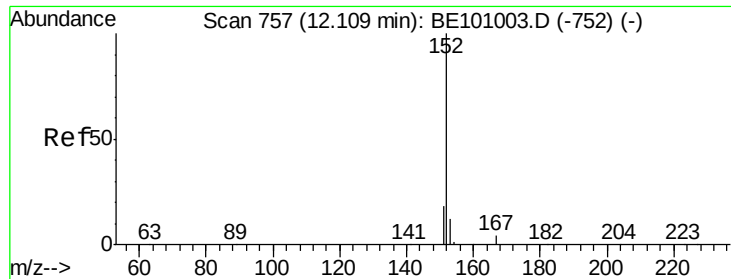


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

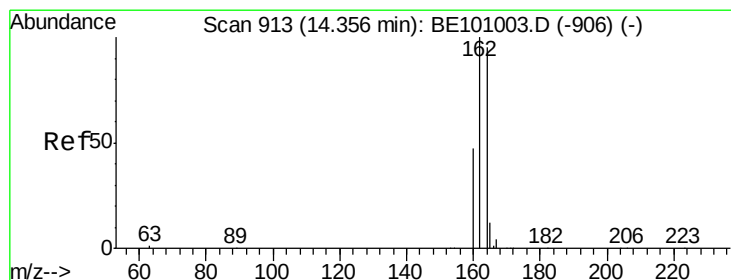
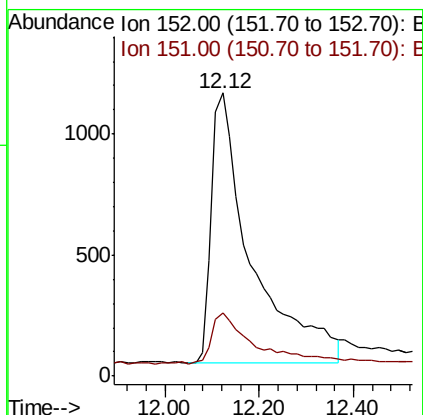
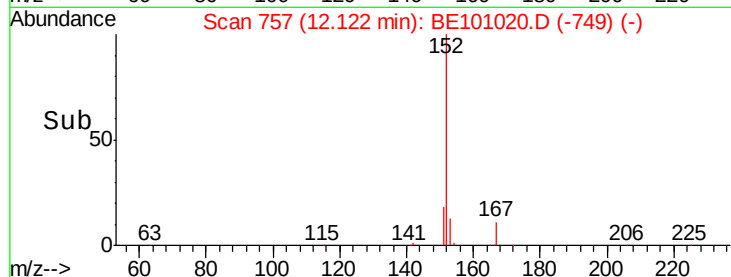
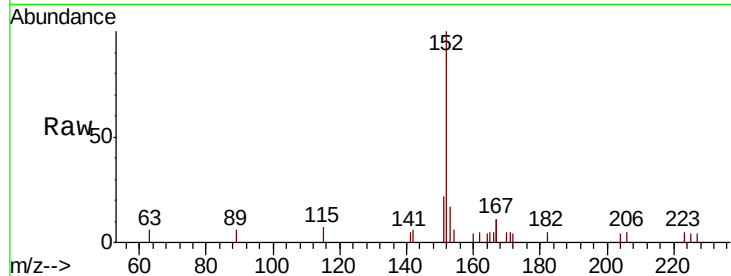




#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.01 min
Lab File: BE101020.D
Acq: 10 Jan 2020 11:21

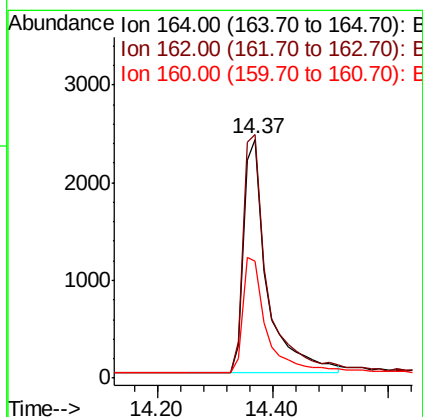
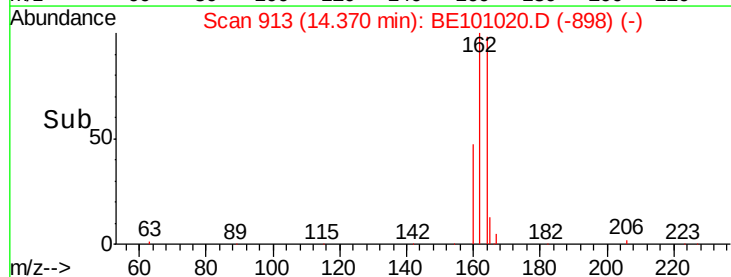
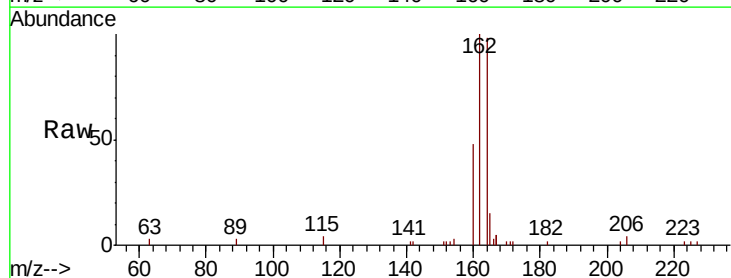
Instrument :
BNA_E
ClientSampleId :

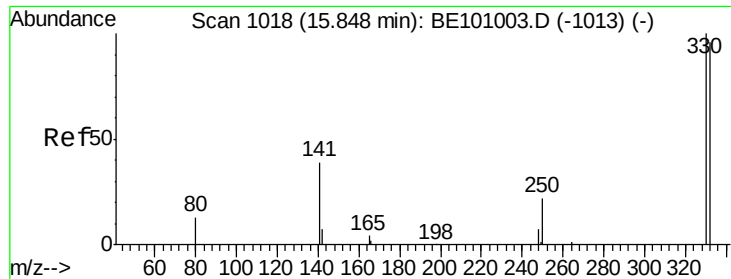
Tot Ion:152 Resp: 6614
Ion Ratio Lower Upper
152 100
151 19.7 15.0 22.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. 0.01 min
Lab File: BE101020.D
Acq: 10 Jan 2020 11:21

Tgt Ion:164 Resp: 6833
Ion Ratio Lower Upper
164 100
162 101.8 84.1 126.1
160 49.0 40.4 60.6





#14

2,4,6-Tribromophenol

Concen: 0.087 ng

RT: 15.86 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

Instrument :

BNA_E

ClientSampled :

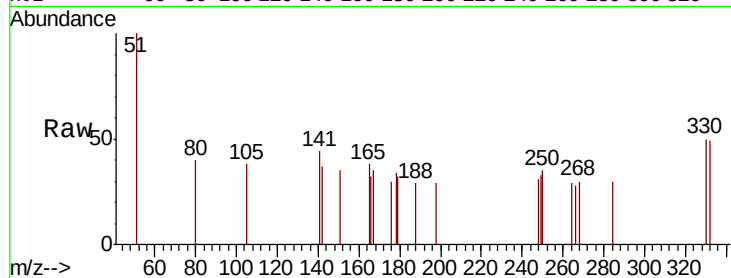
Tot Ion:330 Resp: 168

Ion Ratio Lower Upper

330 100

332 85.7 78.4 117.6

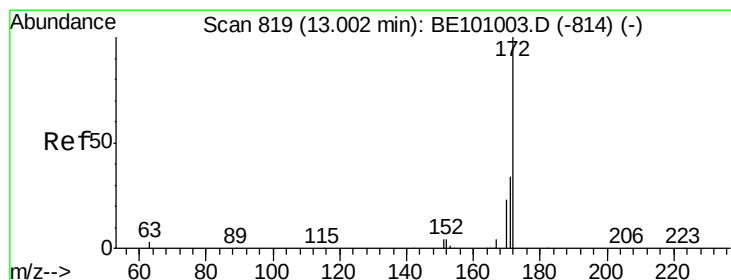
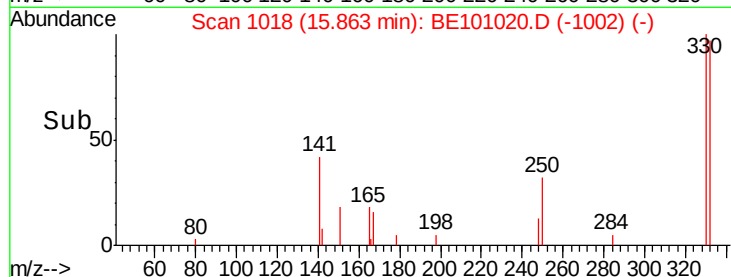
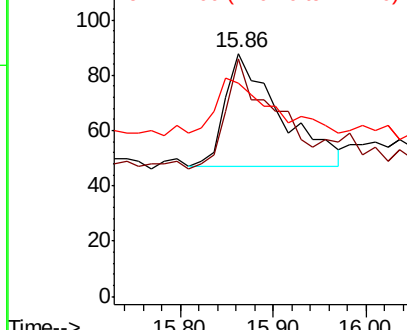
141 57.1 37.0 55.4#



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: 0.349 ng

RT: 13.00 min Scan# 818

Delta R.T. -0.00 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

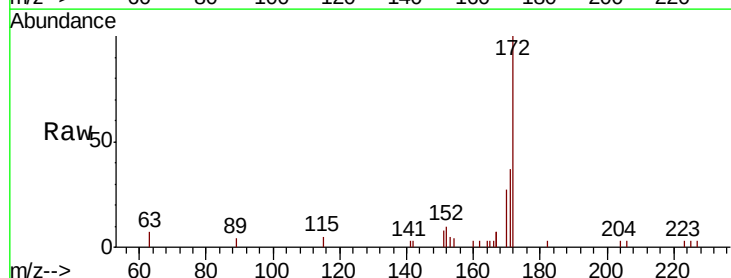
Tgt Ion:172 Resp: 9046

Ion Ratio Lower Upper

172 100

171 37.4 28.2 42.2

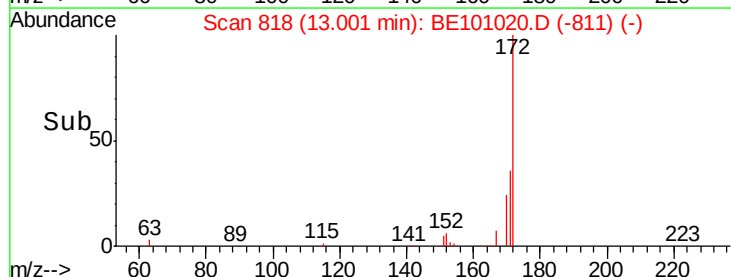
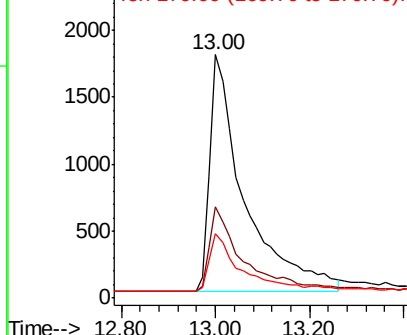
170 26.7 18.9 28.3

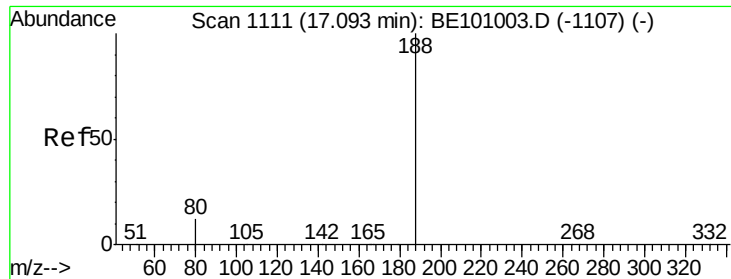


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.11 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

Instrument :

BNA_E

ClientSampleId :

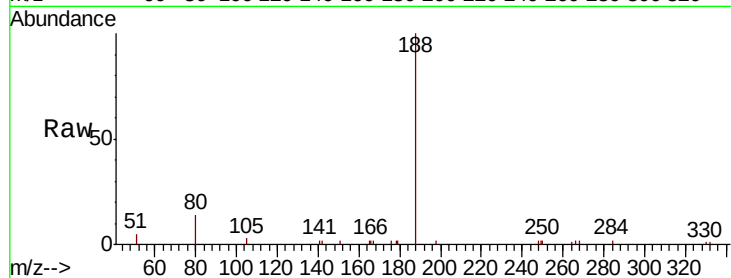
Tot Ion:188 Resp: 13568

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

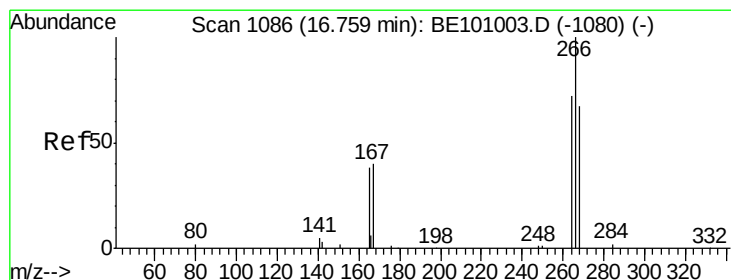
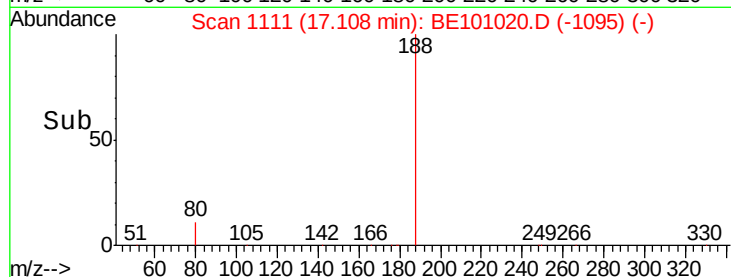
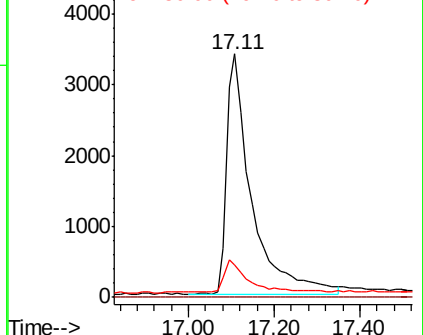
80 13.5 10.8 16.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#22

Pentachlorophenol

Concen: 0.253 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

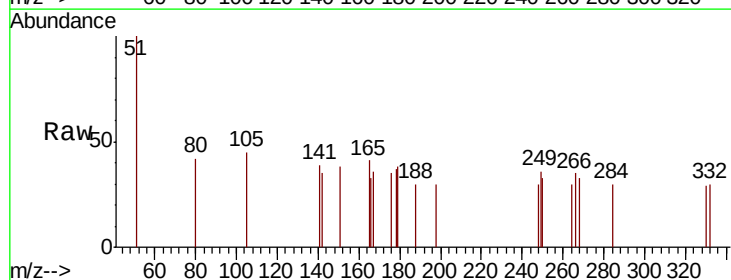
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 86.2 61.0 91.4

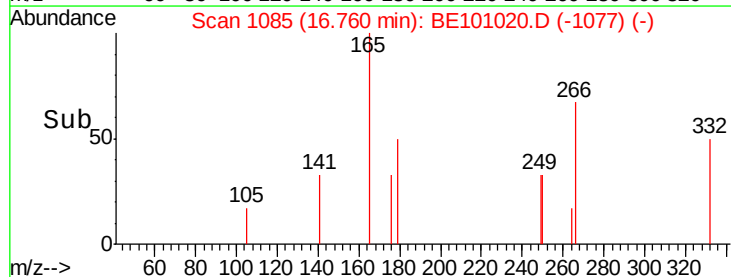
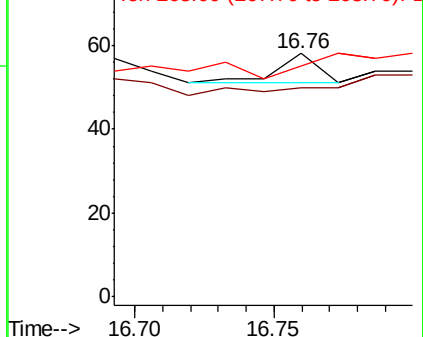
268 94.8 58.5 87.7#

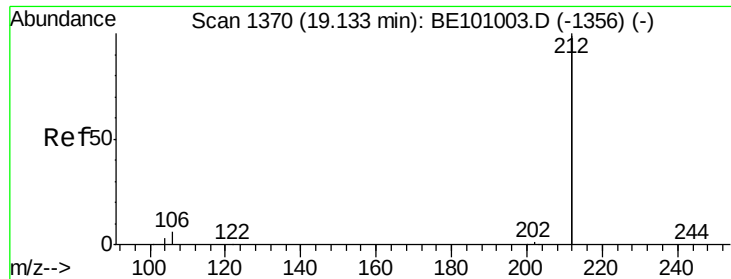


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.279 ng

RT: 19.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

Instrument :

BNA_E

ClientSampled :

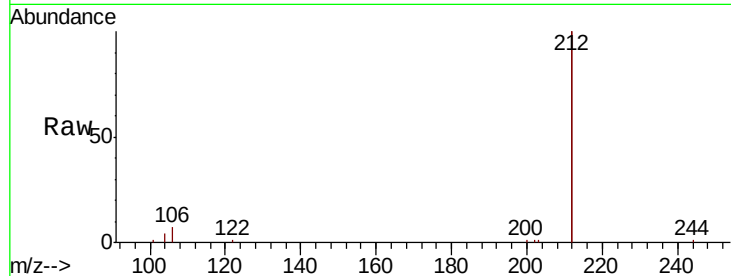
Tot Ion:212 Resp: 52648

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

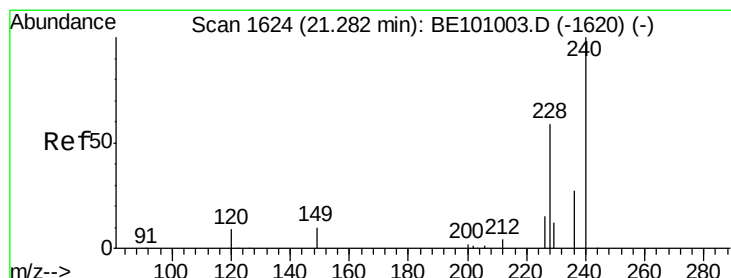
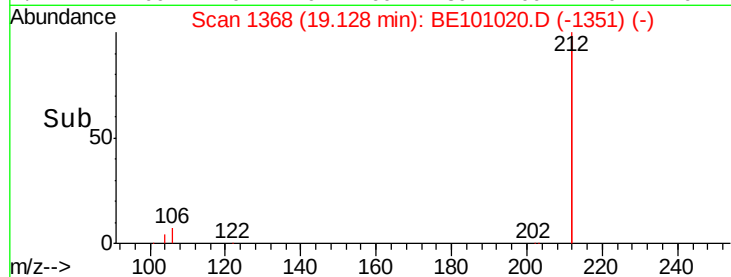
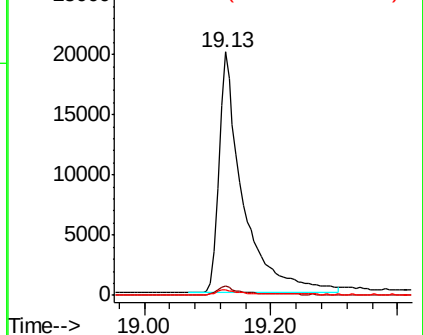
104 1.8 1.4 2.0



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: 21.28 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

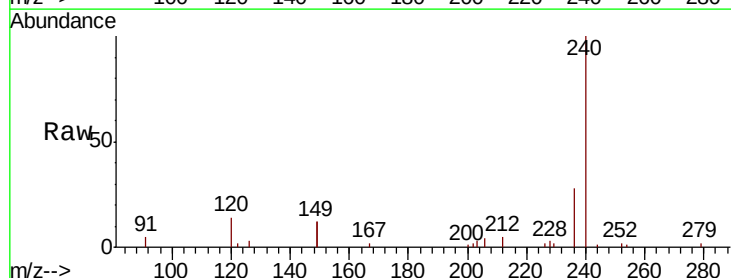
Tgt Ion:240 Resp: 12175

Ion Ratio Lower Upper

240 100

120 13.9 8.6 13.0#

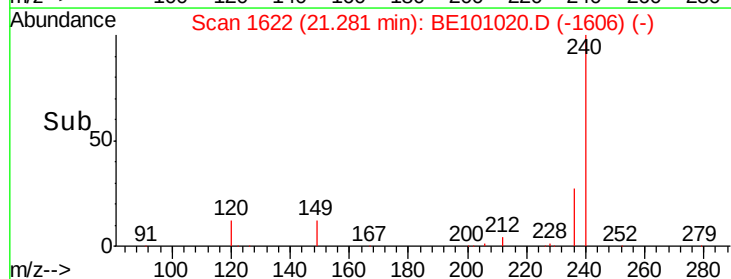
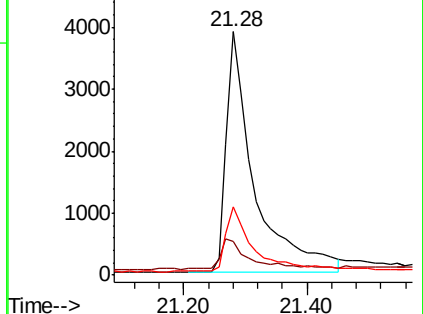
236 28.3 22.2 33.4

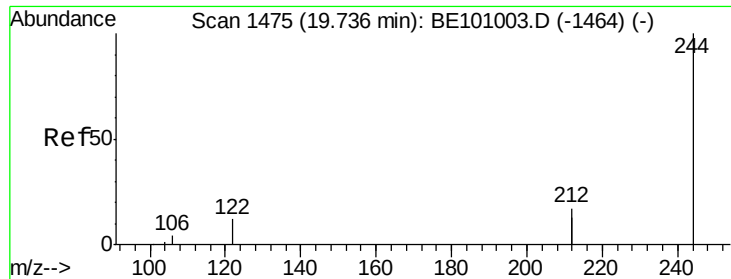


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.328 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

Instrument :

BNA_E

ClientSampled :

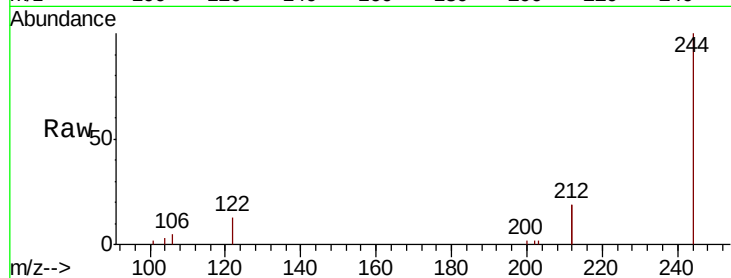
Tot Ion:244 Resp: 9805

Ion Ratio Lower Upper

244 100

212 37.4 27.2 40.8

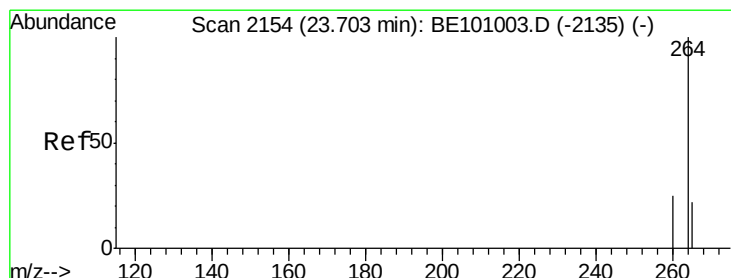
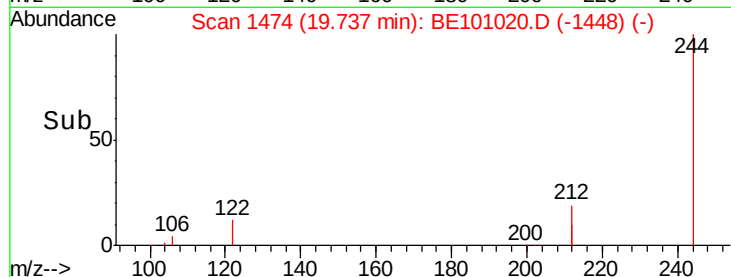
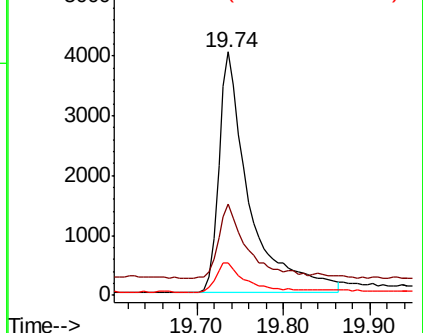
122 13.4 9.8 14.8



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: 23.70 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BE101020.D

Acq: 10 Jan 2020 11:21

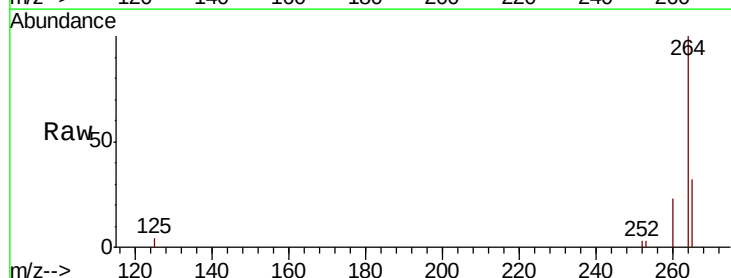
Tgt Ion:264 Resp: 14683

Ion Ratio Lower Upper

264 100

260 23.2 20.3 30.5

265 31.9 27.0 40.4



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

