

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010920\
 Data File : BE101011.D
 Acq On : 9 Jan 2020 14:26
 Operator : JU
 Sample : PB125981BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jan 09 18:06:33 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

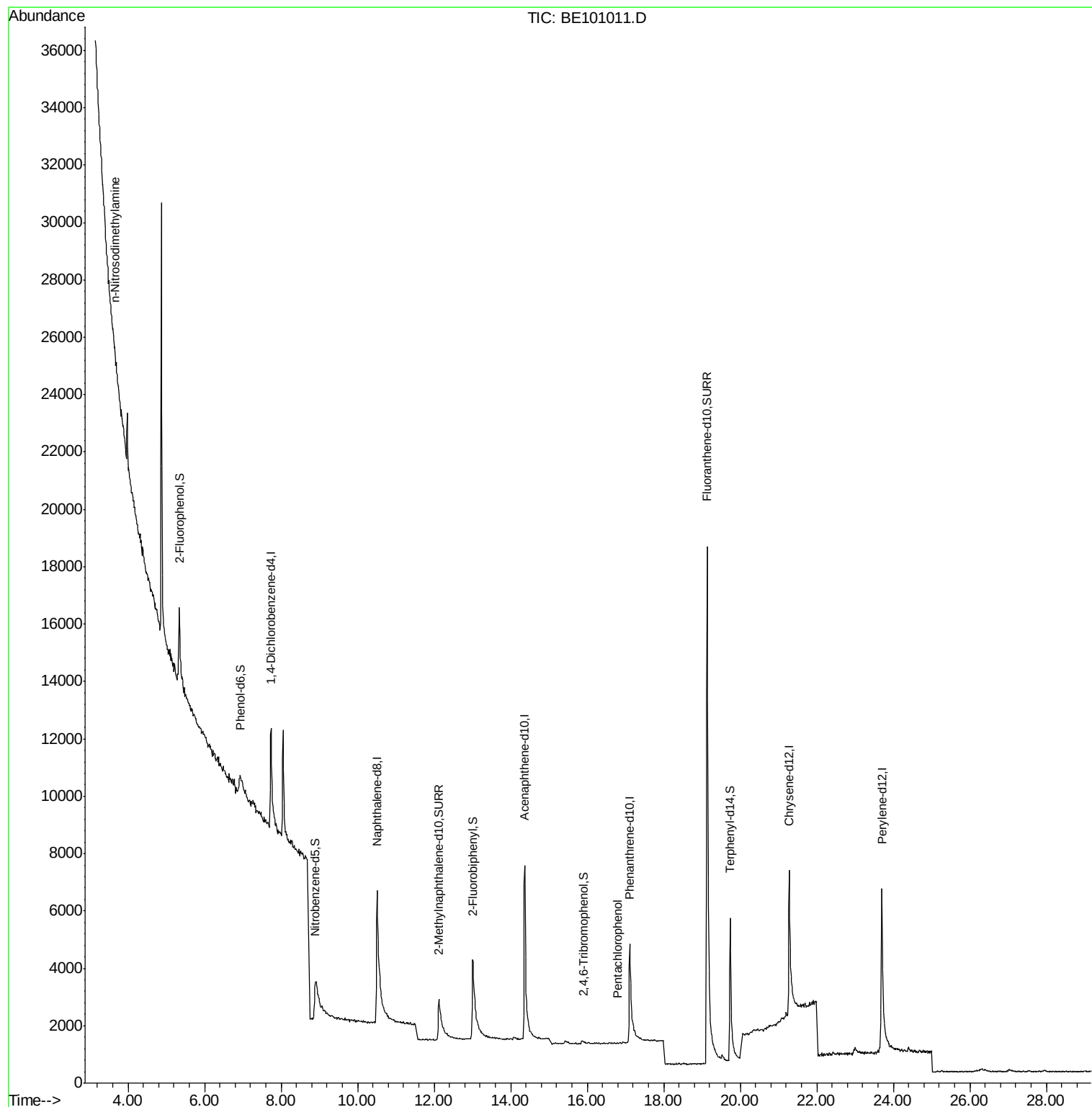
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3134	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	12298	0.40	ng	0.01
13) Acenaphthene-d10	14.37	164	6660	0.40	ng	0.01
19) Phenanthrene-d10	17.11	188	13014	0.40	ng	0.01
27) Chrysene-d12	21.28	240	11592	0.40	ng	0.00
34) Perylene-d12	23.70	264	14188	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2087	0.30	ng	0.00
5) Phenol-d6	6.93	99	2068	0.23	ng	0.01
8) Nitrobenzene-d5	8.90	82	1918	0.22	ng	0.02
11) 2-Methylnaphthalene-d10	12.12	152	6715	0.29	ng	0.01
14) 2,4,6-Tribromophenol	15.89	330	157	0.08	ng	0.04
15) 2-Fluorobiphenyl	13.02	172	9241	0.37	ng	0.01
25) Fluoranthene-d10	19.13	212	50775	0.28	ng	0.00
29) Terphenyl-d14	19.74	244	9347	0.33	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.65	42	113	0.026	ng	# 1
22) Pentachlorophenol	16.79	266	9	0.253	ng	# 76

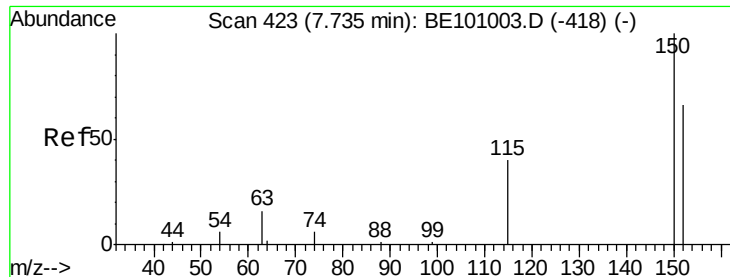
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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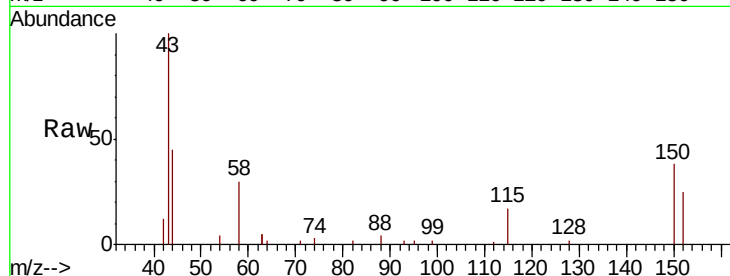


#1

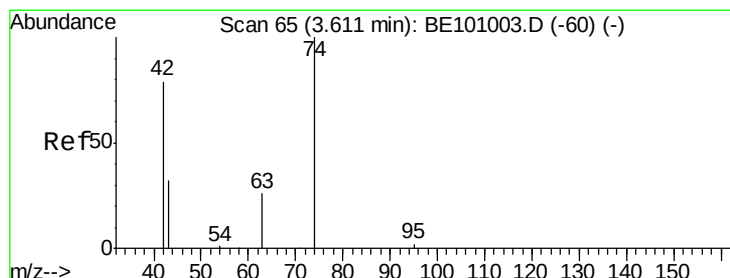
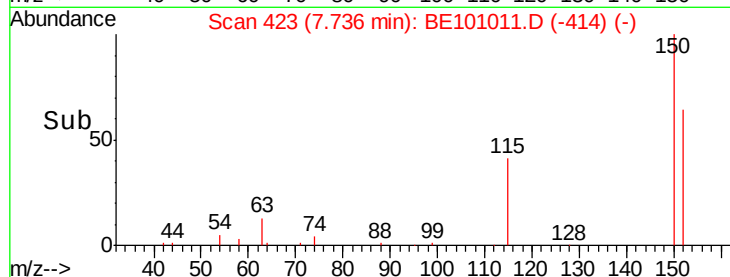
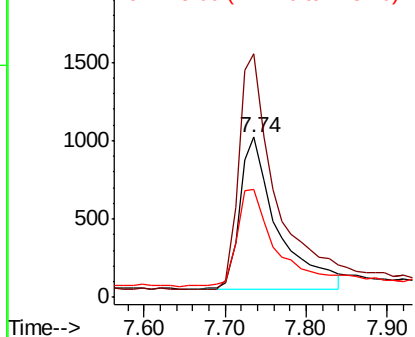
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101011.D
Acq: 9 Jan 2020 14:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3134
Ion Ratio Lower Upper
152 100
150 152.3 120.3 180.5
115 67.3 51.7 77.5



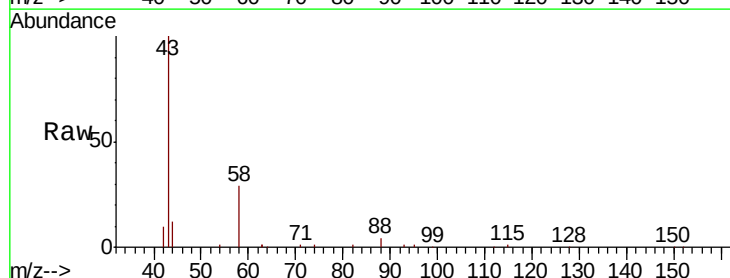
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



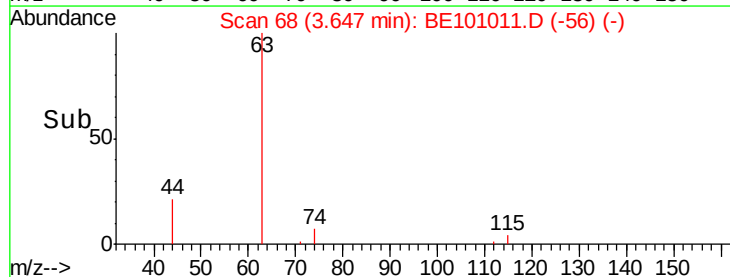
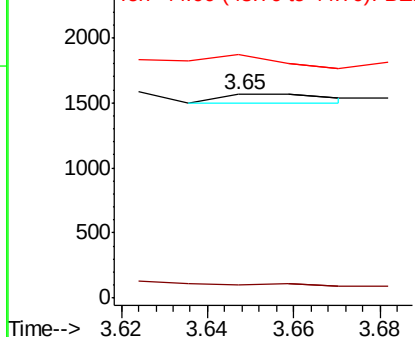
#3

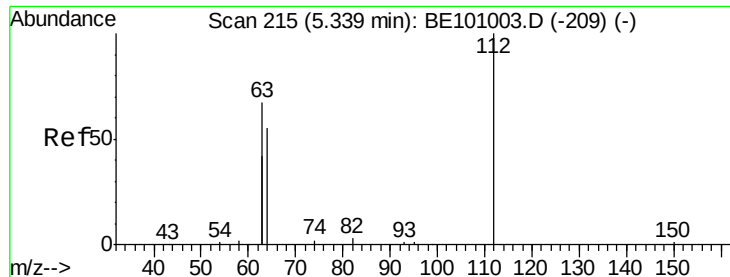
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.65 min Scan# 68
Delta R.T. 0.04 min
Lab File: BE101011.D
Acq: 9 Jan 2020 14:26

Tgt Ion: 42 Resp: 113
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: 0.296 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101011.D

Acq: 9 Jan 2020 14:26

Instrument :

BNA_E

ClientSampleId :

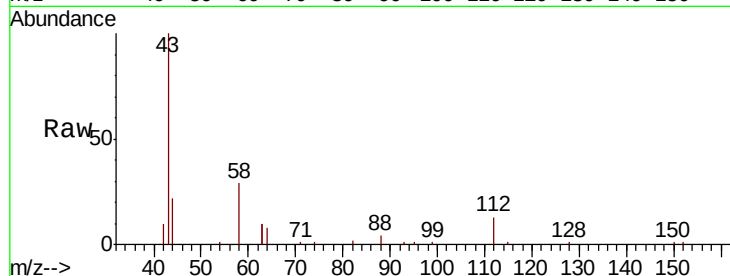
Tot Ion:112 Resp: 2087

Ion Ratio Lower Upper

112 100

64 67.4 53.6 80.4

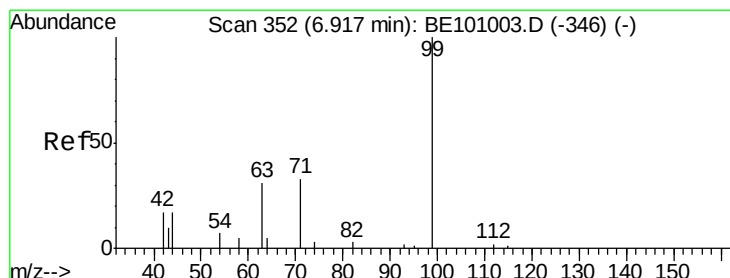
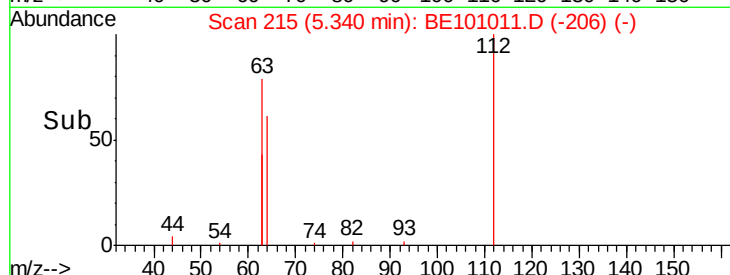
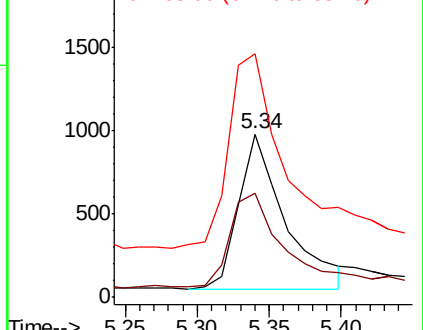
63 139.5 114.6 172.0



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: 0.232 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.01 min

Lab File: BE101011.D

Acq: 9 Jan 2020 14:26

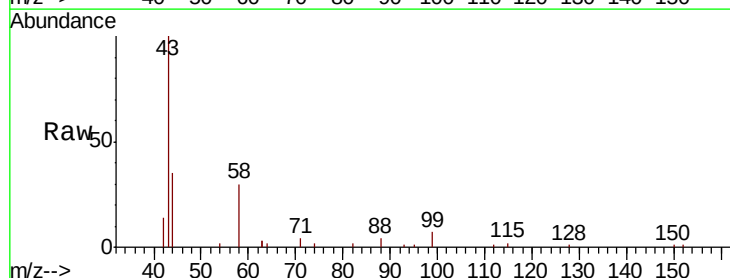
Tgt Ion: 99 Resp: 2068

Ion Ratio Lower Upper

99 100

42 19.2 18.3 27.5

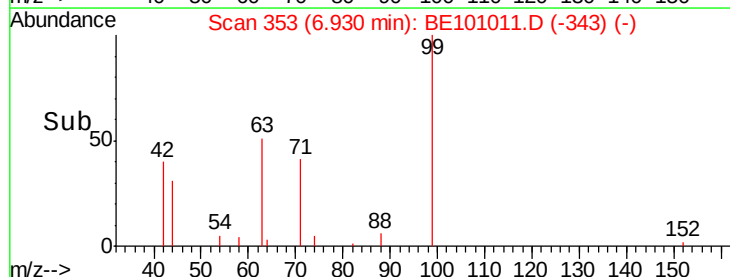
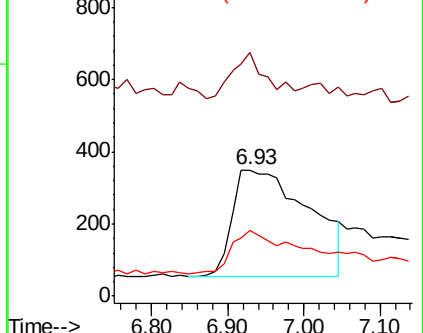
71 34.5 28.0 42.0

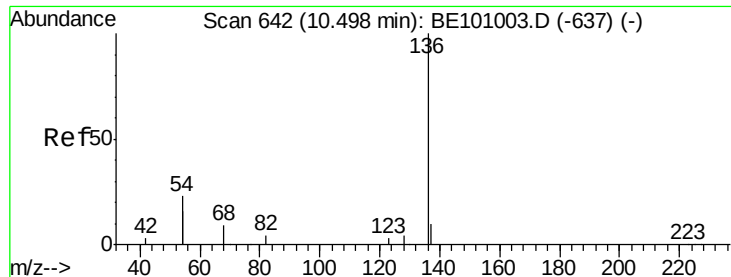


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE101011.D

Acq: 9 Jan 2020 14:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 12298

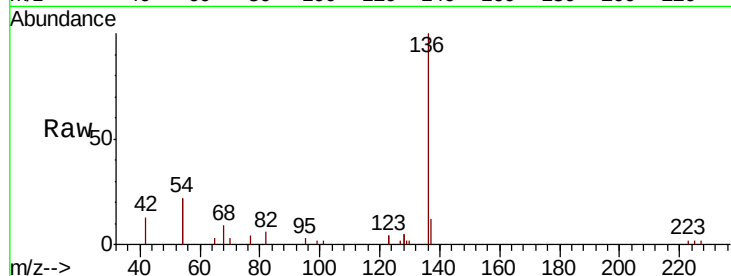
Ion Ratio Lower Upper

136 100

137 12.4 9.3 13.9

54 43.4 36.8 55.2

68 9.0 8.4 12.6

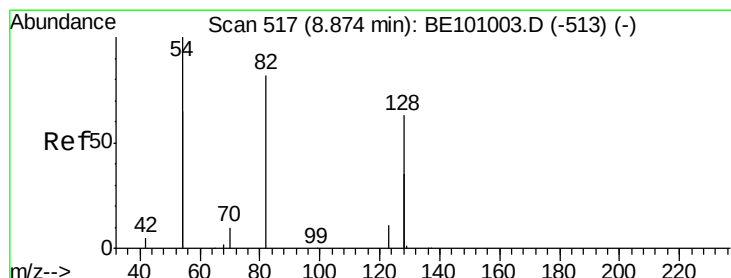
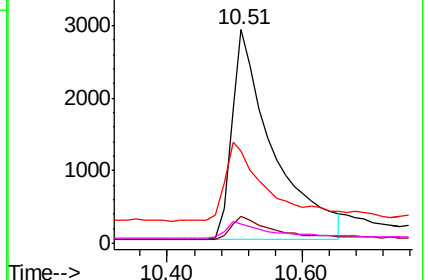
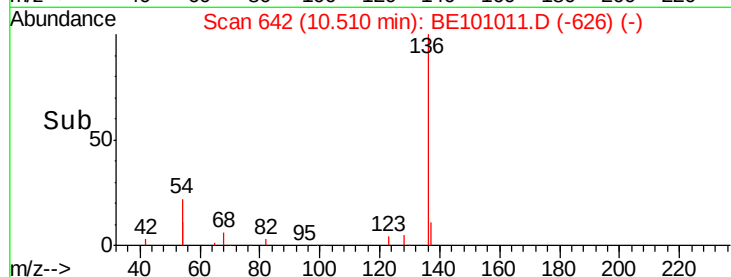


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.218 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.02 min

Lab File: BE101011.D

Acq: 9 Jan 2020 14:26

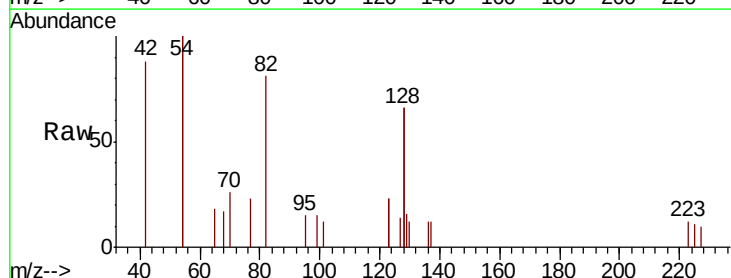
Tgt Ion: 82 Resp: 1918

Ion Ratio Lower Upper

82 100

128 162.9 109.8 164.6

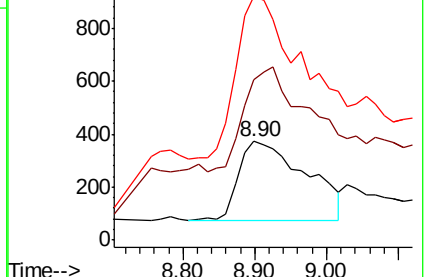
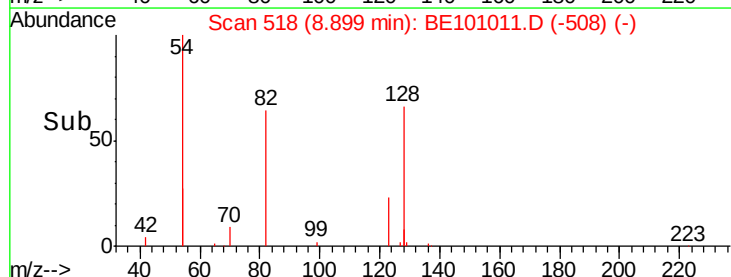
54 247.3 174.5 261.7

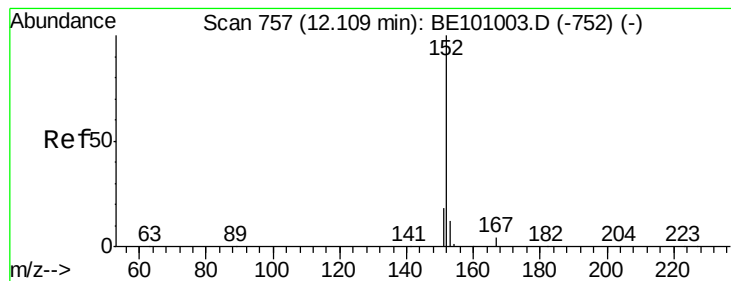


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

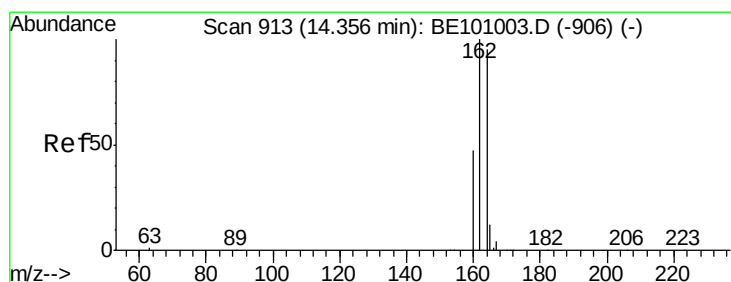
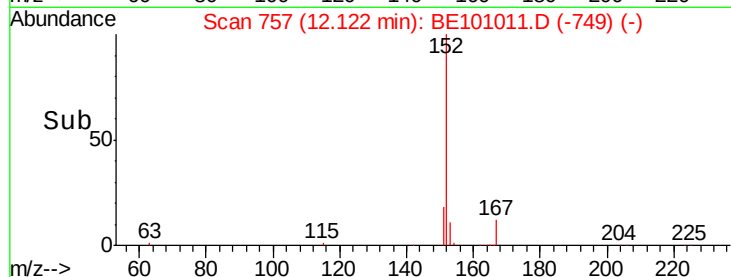
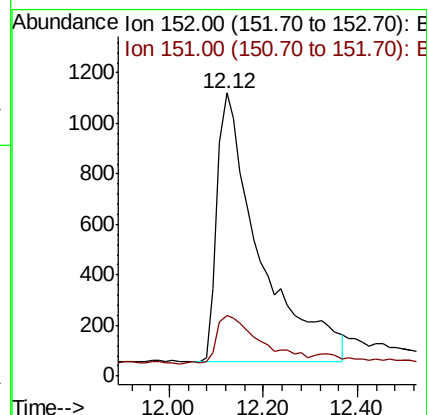
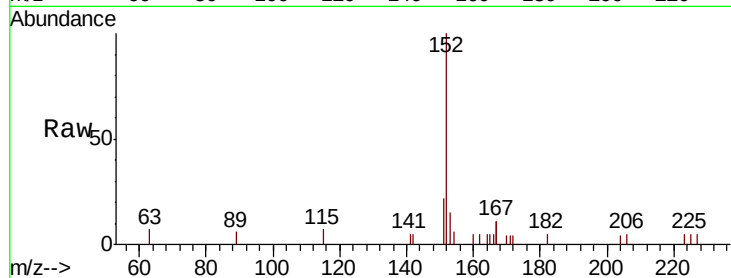




#11
 2-Methylnaphthalene-d10
 Concen: 0.286 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BE101011.D
 Acq: 9 Jan 2020 14:26

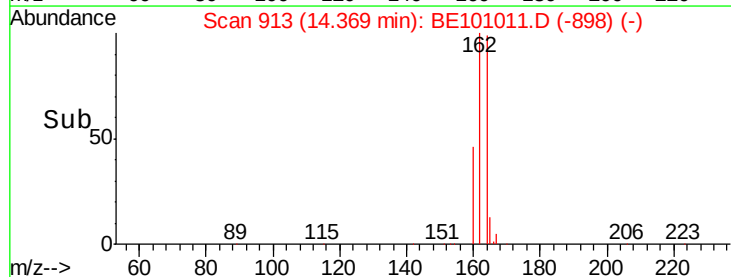
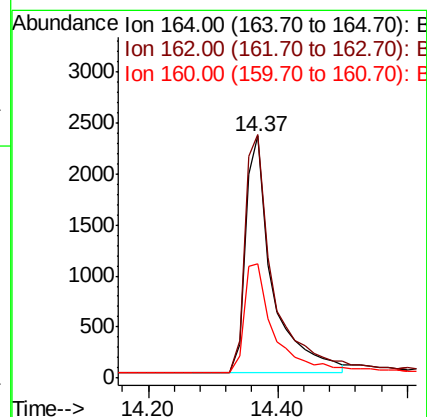
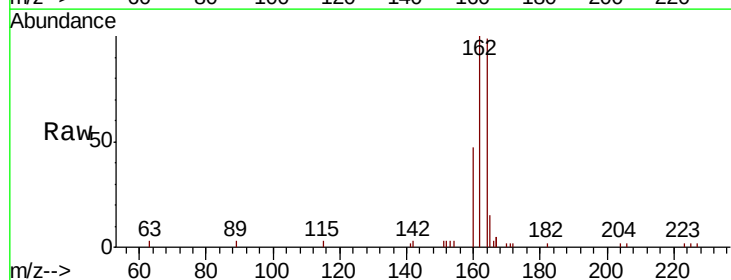
Instrument :
 BNA_E
 ClientSampleId :

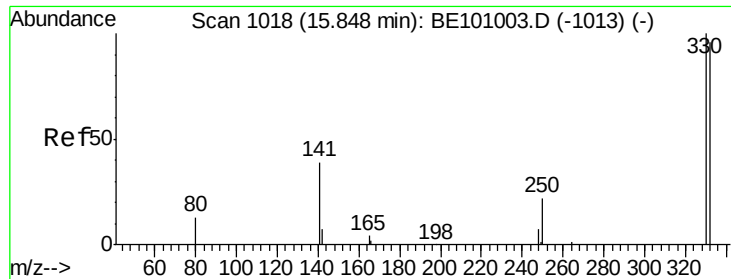
Tot Ion:152 Resp: 6715
 Ion Ratio Lower Upper
 152 100
 151 17.4 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.37 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BE101011.D
 Acq: 9 Jan 2020 14:26

Tgt Ion:164 Resp: 6660
 Ion Ratio Lower Upper
 164 100
 162 100.5 84.1 126.1
 160 47.1 40.4 60.6

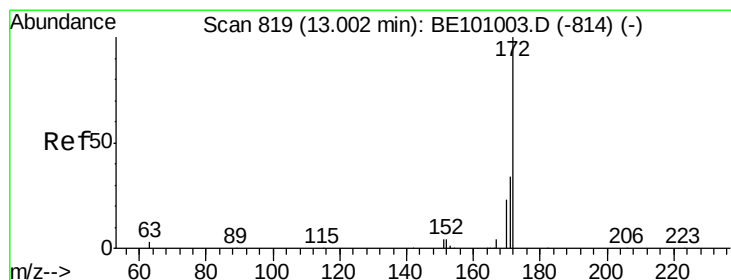
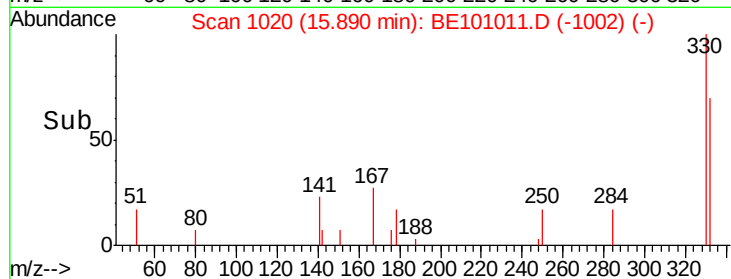
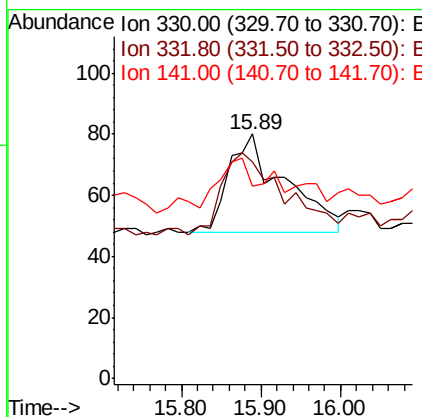
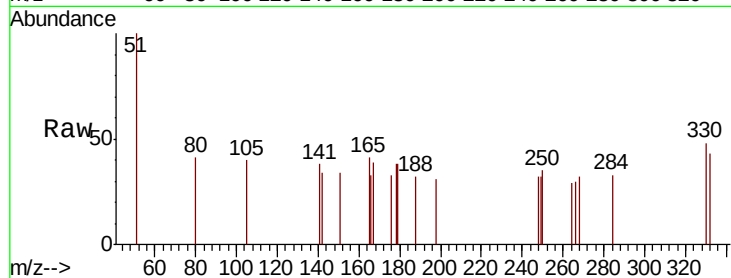




#14
 2,4,6-Tribromophenol
 Concen: 0.084 ng
 RT: 15.89 min Scan# 1020
 Delta R.T. 0.04 min
 Lab File: BE101011.D
 Acq: 9 Jan 2020 14:26

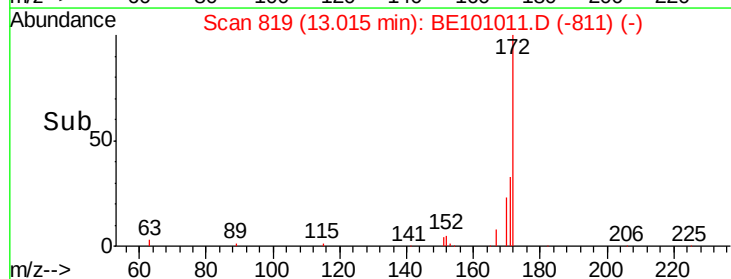
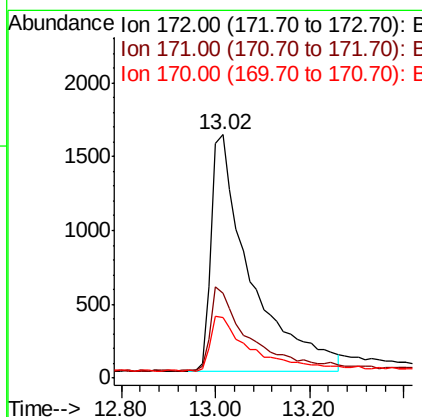
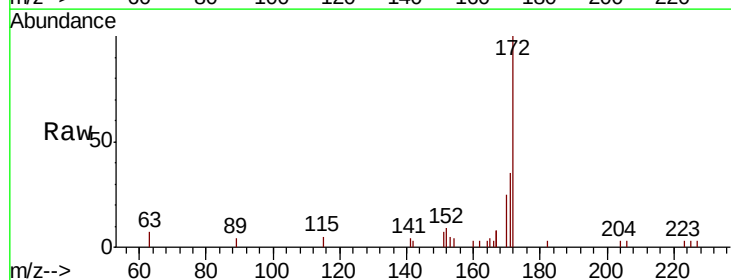
Instrument :
 BNA_E
 ClientSampled :

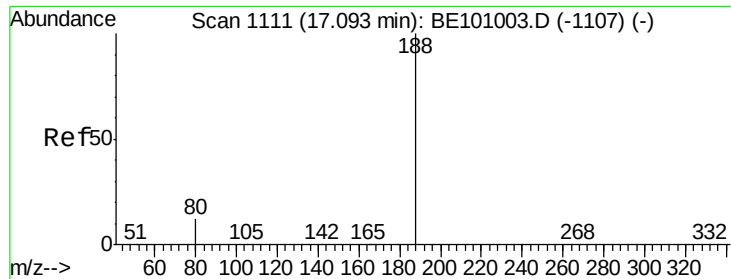
Tot Ion:330 Resp: 157
 Ion Ratio Lower Upper
 330 100
 332 94.9 78.4 117.6
 141 43.9 37.0 55.4



#15
 2-Fluorobiphenyl
 Concen: 0.365 ng
 RT: 13.02 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BE101011.D
 Acq: 9 Jan 2020 14:26

Tgt Ion:172 Resp: 9241
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.2 42.2
 170 25.0 18.9 28.3

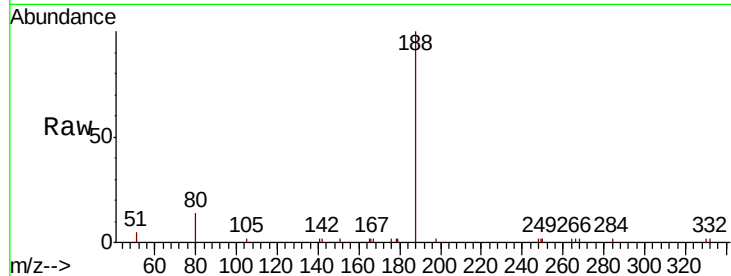




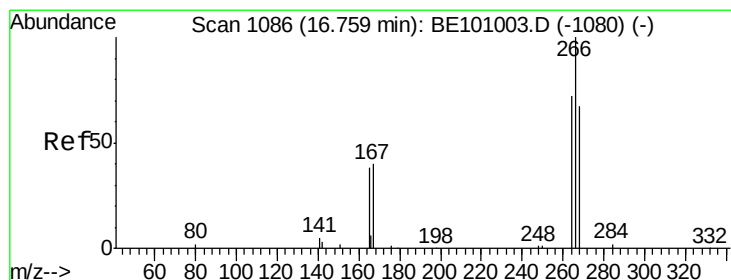
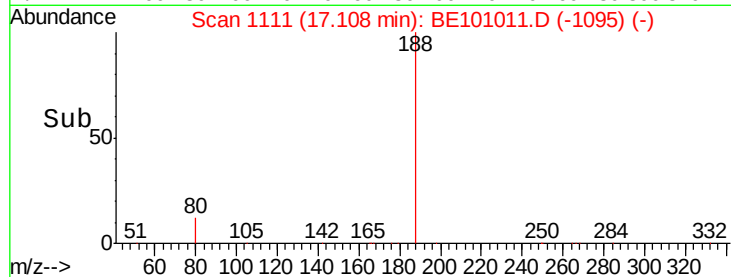
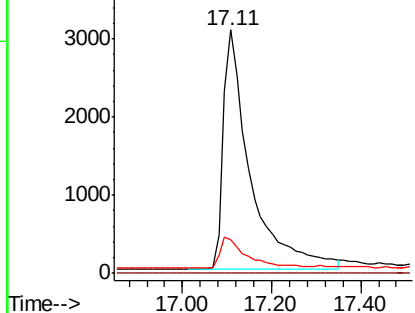
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE101011.D
Acq: 9 Jan 2020 14:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:188 Resp: 13014
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 10.8 16.2

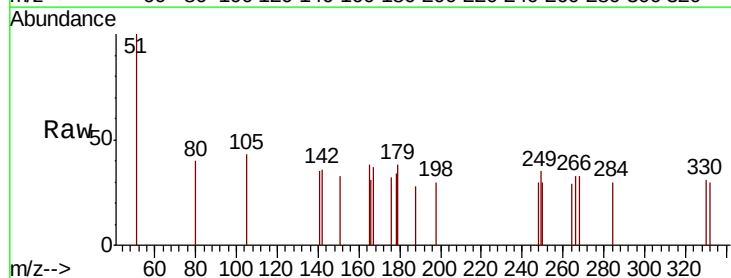


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

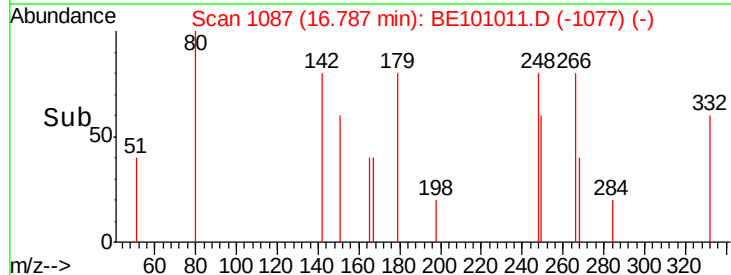
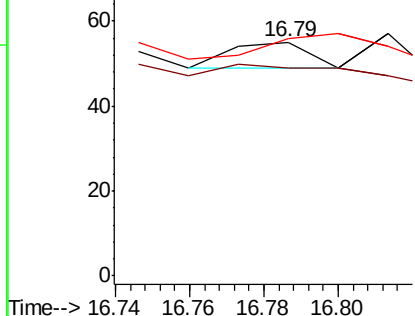


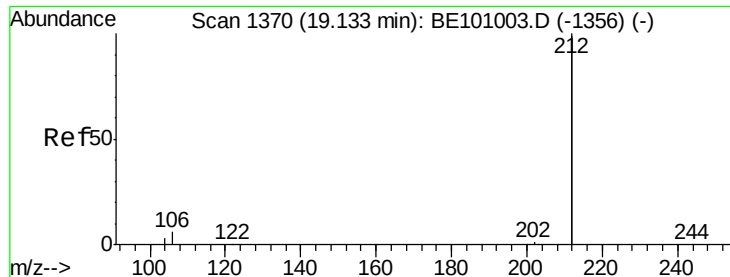
#22
Pentachlorophenol
Concen: 0.253 ng
RT: 16.79 min Scan# 1087
Delta R.T. 0.03 min
Lab File: BE101011.D
Acq: 9 Jan 2020 14:26

Tgt Ion:266 Resp: 9
Ion Ratio Lower Upper
266 100
264 89.1 61.0 91.4
268 101.8 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: 0.281 ng

RT: 19.13 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE101011.D

Acq: 9 Jan 2020 14:26

Instrument :

BNA_E

ClientSampleId :

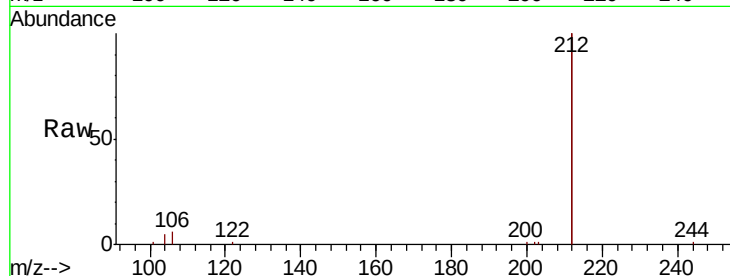
Tot Ion:212 Resp: 50775

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

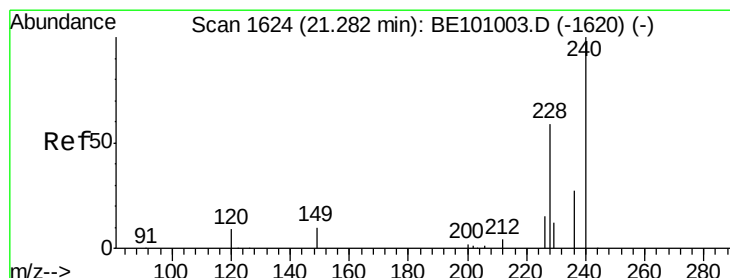
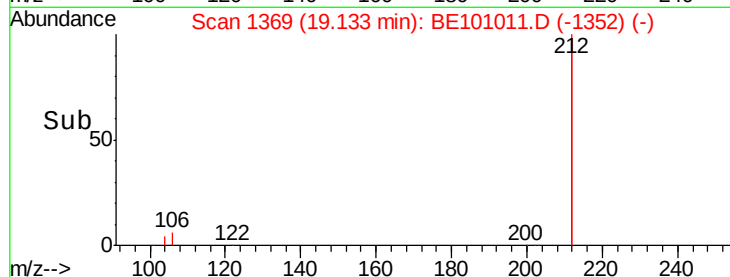
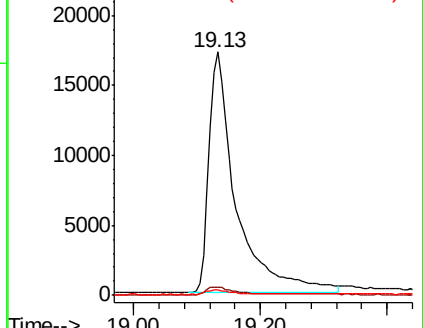
104 1.9 1.4 2.0



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# 1623

Delta R.T. 0.00 min

Lab File: BE101011.D

Acq: 9 Jan 2020 14:26

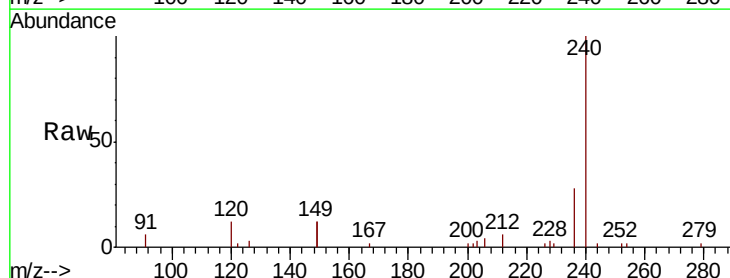
Tgt Ion:240 Resp: 11592

Ion Ratio Lower Upper

240 100

120 12.2 8.6 13.0

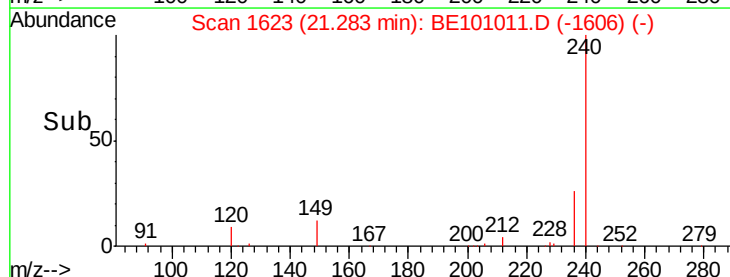
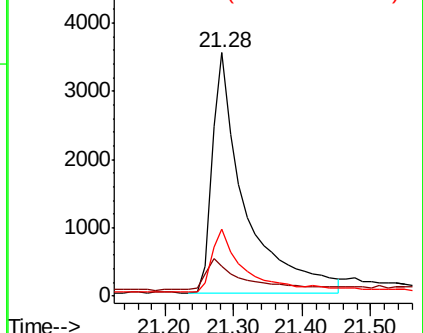
236 27.6 22.2 33.4

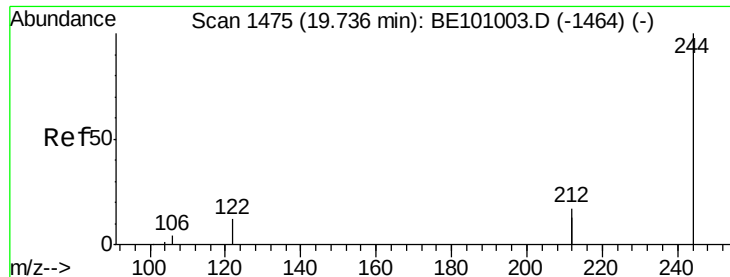


Abundance Ion 240.00 (239.70 to 240.70): E

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: BE101011.D

Acq: 9 Jan 2020 14:26

Instrument :

BNA_E

ClientSampleId :

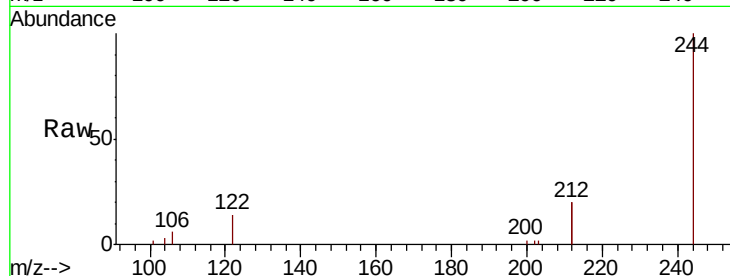
Tot Ion:244 Resp: 9347

Ion Ratio Lower Upper

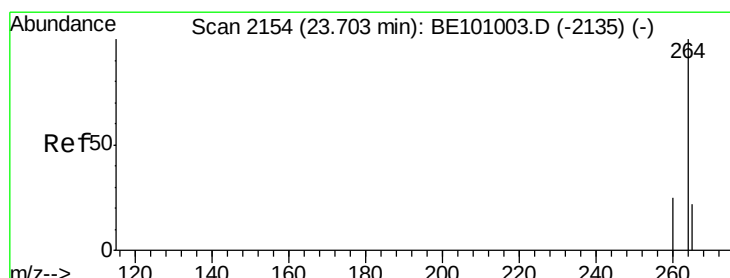
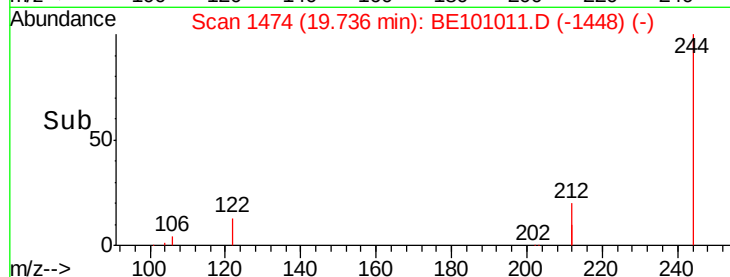
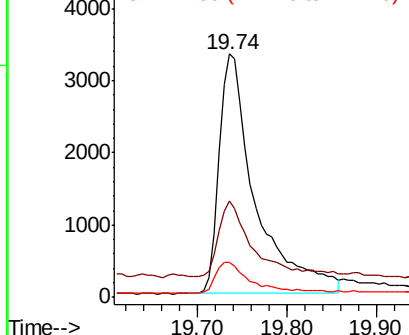
244 100

212 39.6 27.2 40.8

122 14.4 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: BE101011.D

Acq: 9 Jan 2020 14:26

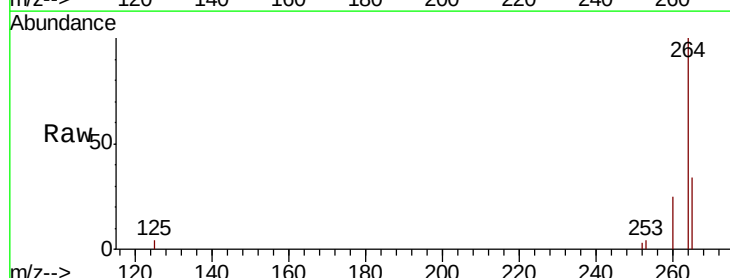
Tgt Ion:264 Resp: 14188

Ion Ratio Lower Upper

264 100

260 24.6 20.3 30.5

265 33.9 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

