

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
 Data File : BE101140.D
 Acq On : 7 Feb 2020 16:30
 Operator : CG/JU
 Sample : SP5038
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SP5038

Quant Time: Feb 07 17:23:08 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

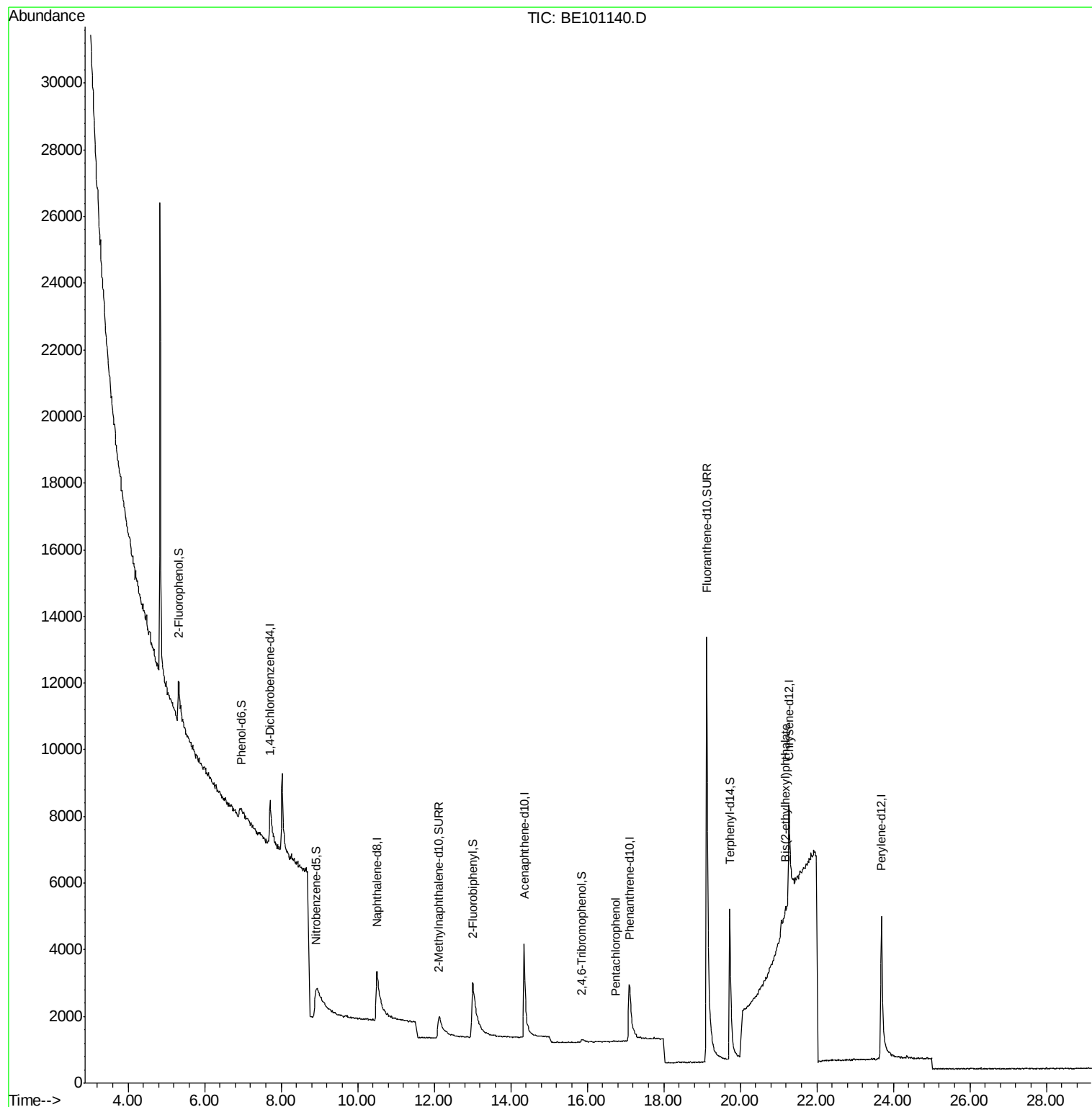
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	1559	0.40	ng	-0.02
7) Naphthalene-d8	10.51	136	5401	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	3972	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	8182	0.40	ng	0.00
27) Chrysene-d12	21.27	240	7228	0.40	ng	-0.01
34) Perylene-d12	23.69	264	10863	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1207	0.34	ng	0.00
5) Phenol-d6	6.97	99	921	0.21	ng	0.05
8) Nitrobenzene-d5	8.92	82	1588	0.41	ng	0.05
11) 2-Methylnaphthalene-d10	12.12	152	4199	0.41	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	152	0.14	ng	0.01
15) 2-Fluorobiphenyl	13.02	172	7466	0.49	ng	0.01
25) Fluoranthene-d10	19.12	212	41922	0.37	ng	-0.01
29) Terphenyl-d14	19.72	244	9539	0.54	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	25	Below Cal	#	26
22) Pentachlorophenol	16.75	266	5	0.253 ng	#	73
32) Bis(2-ethylhexyl)phthalate	21.19	149	1038	0.030 ng	#	100

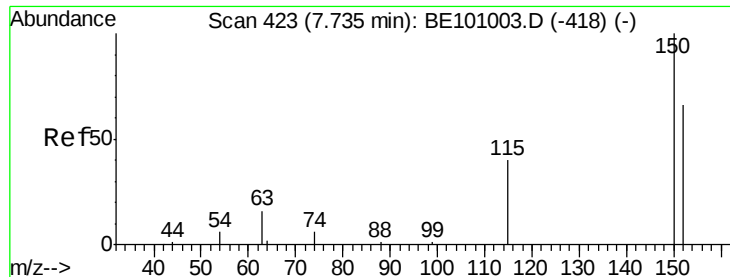
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.71 min Scan# 421

Delta R.T. -0.02 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

Instrument :

BNA_E

ClientSampleId :

SP5038

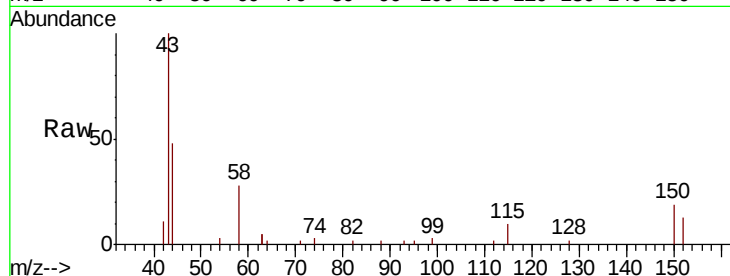
Tot Ion:152 Resp: 1559

Ion Ratio Lower Upper

152 100

150 140.7 120.3 180.5

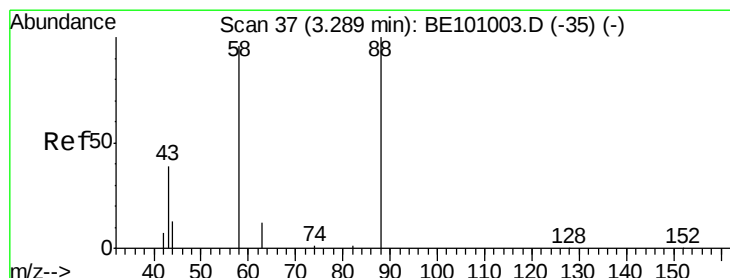
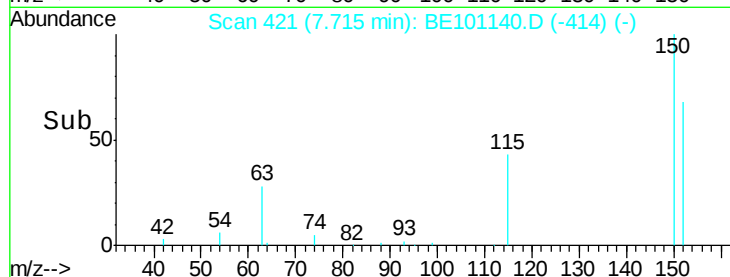
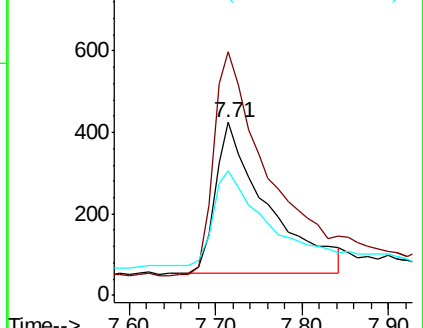
115 72.0 51.7 77.5



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.28 min Scan# 36

Delta R.T. -0.01 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

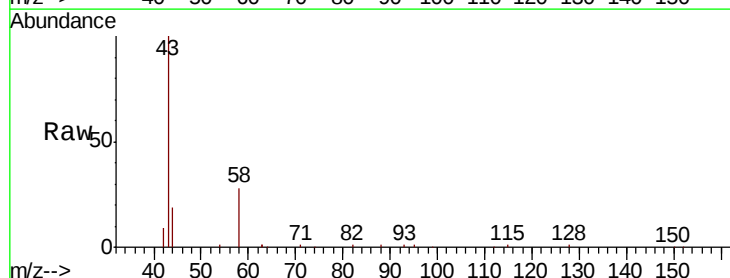
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

58 0.0 53.0 79.4#

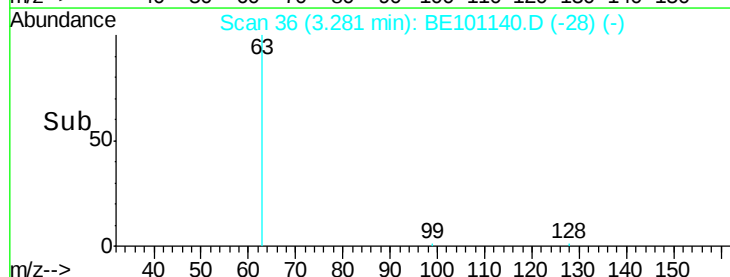
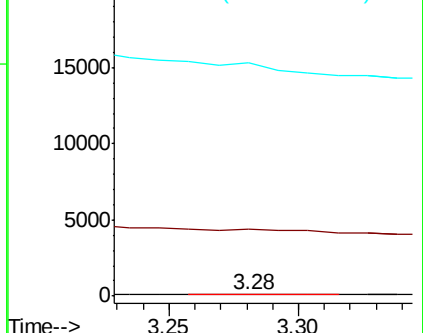
43 0.0 23.4 35.2#

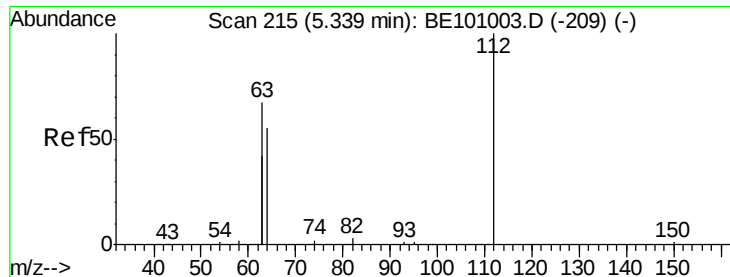


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.344 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

Instrument :

BNA_E

ClientSampled :

SP5038

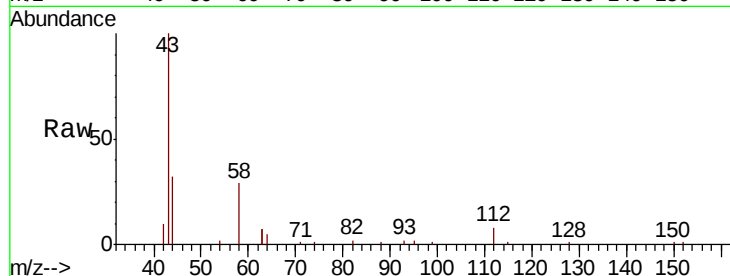
Tot Ion:112 Resp: 1207

Ion Ratio Lower Upper

112 100

64 69.3 53.6 80.4

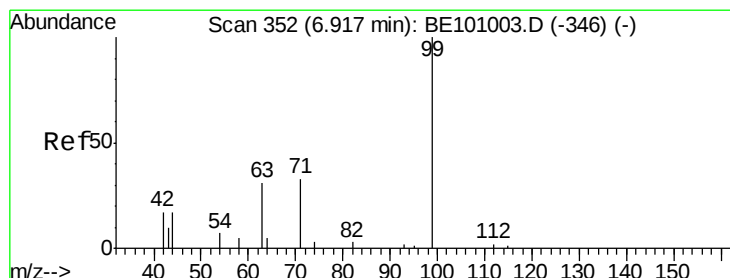
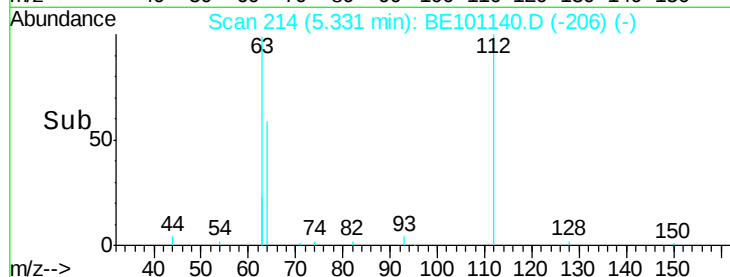
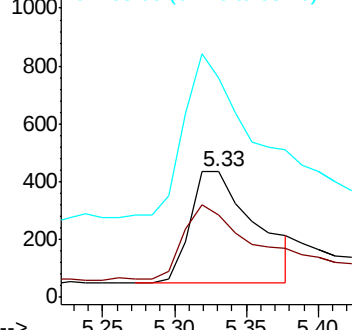
63 149.0 114.6 172.0



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: 0.207 ng

RT: 6.97 min Scan# 356

Delta R.T. 0.05 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

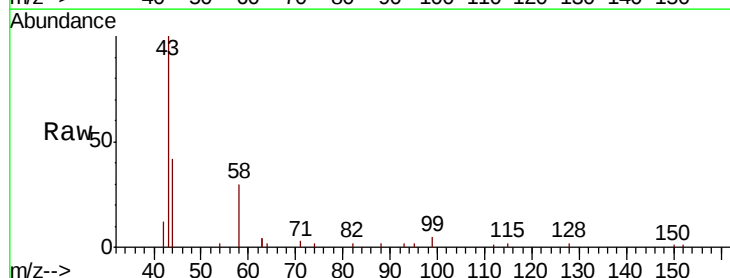
Tgt Ion: 99 Resp: 921

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

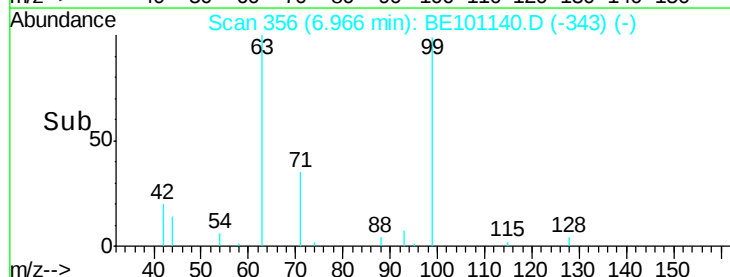
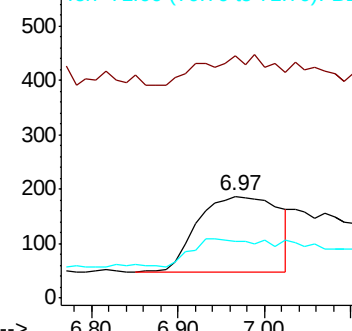
71 0.0 28.0 42.0#

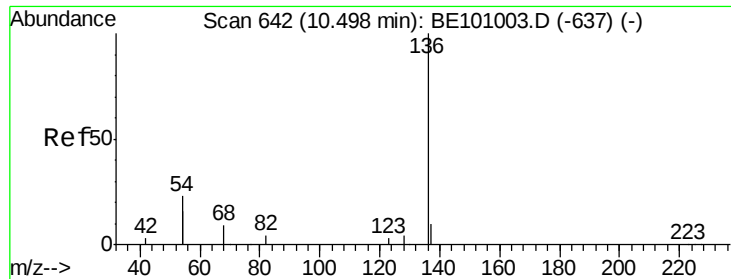


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE101140.D

Acq: 7 Feb 2020 16:30

Instrument :

BNA_E

ClientSampled :

SP5038

Tot Ion:136 Resp: 5401

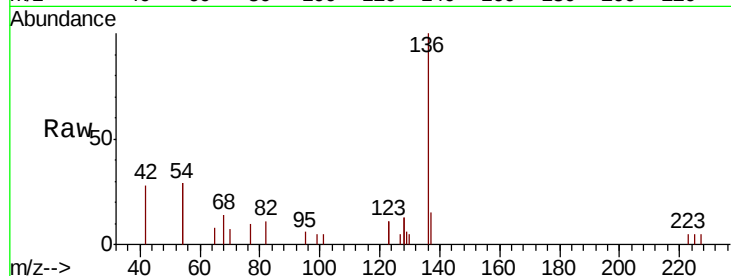
Ion Ratio Lower Upper

136 100

137 15.3 9.3 13.9#

54 58.2 36.8 55.2#

68 14.1 8.4 12.6#

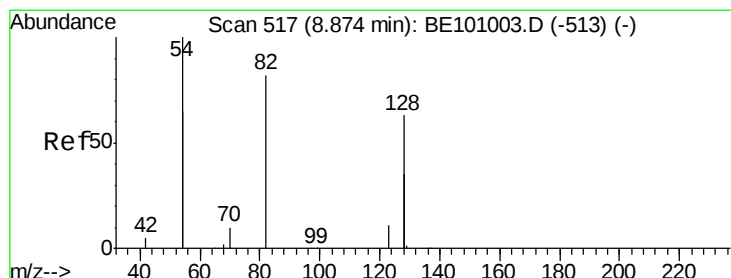
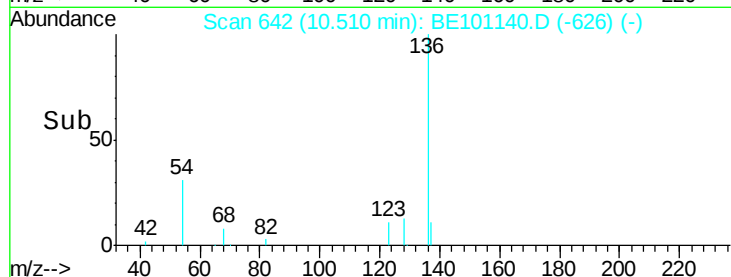
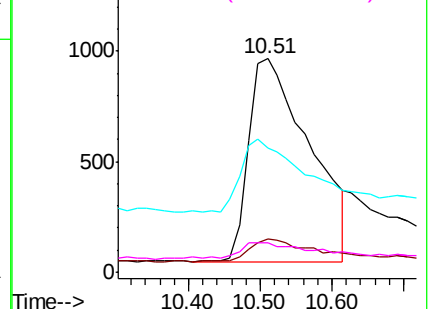


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.411 ng

RT: 8.92 min Scan# 520

Delta R.T. 0.05 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

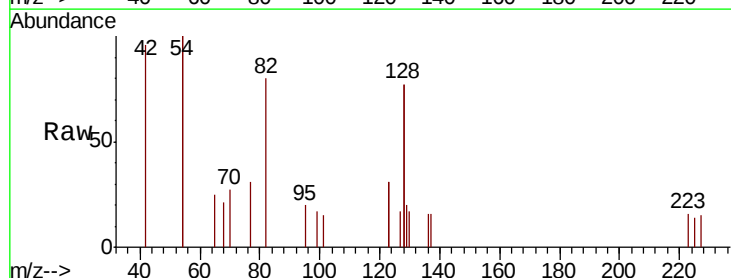
Tgt Ion: 82 Resp: 1588

Ion Ratio Lower Upper

82 100

128 190.7 109.8 164.6#

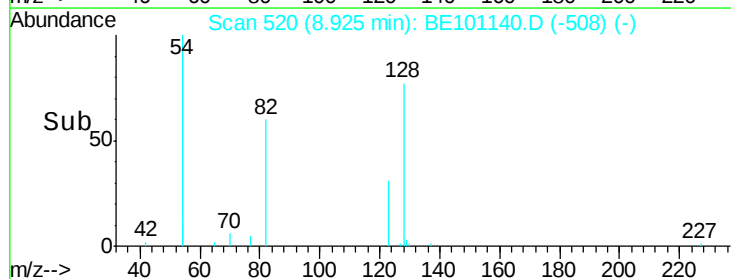
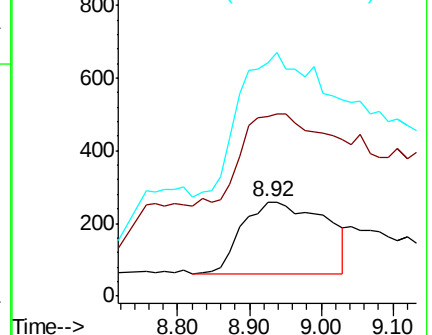
54 248.6 174.5 261.7

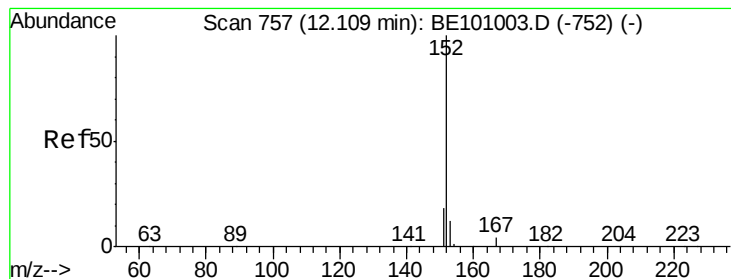


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.01 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

Instrument :

BNA_E

ClientSampleId :

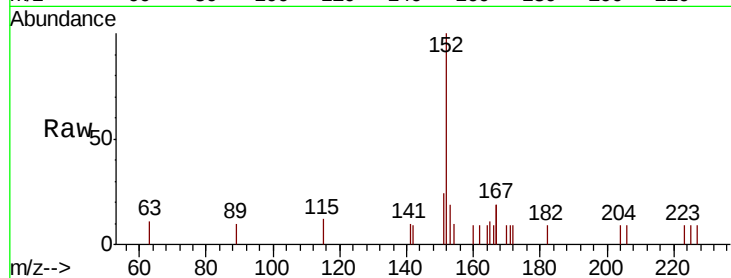
SP5038

Tot Ion:152 Resp: 4199

Ion Ratio Lower Upper

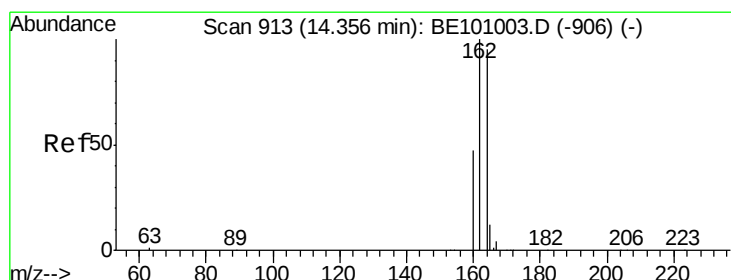
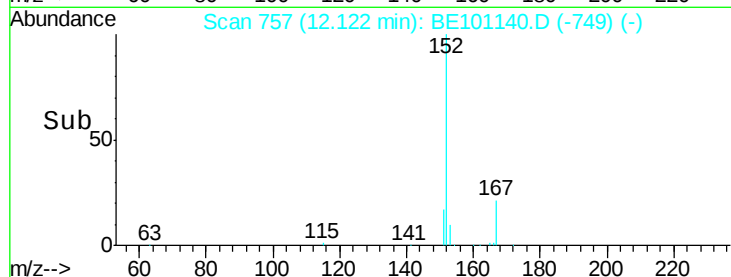
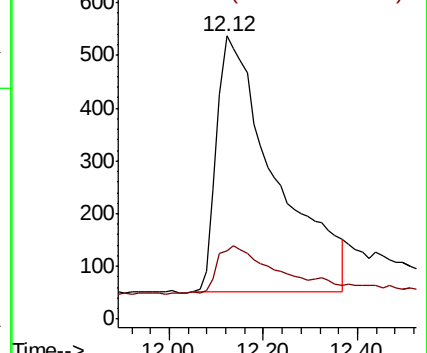
152 100

151 18.9 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

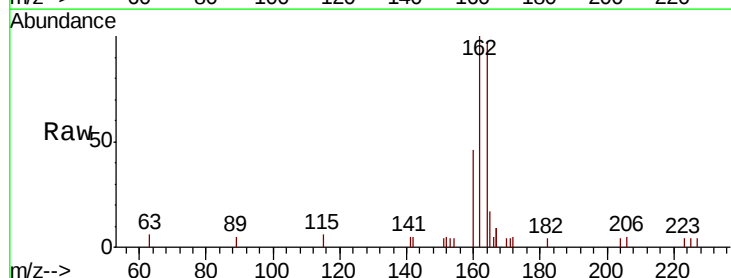
Tgt Ion:164 Resp: 3972

Ion Ratio Lower Upper

164 100

162 103.5 84.1 126.1

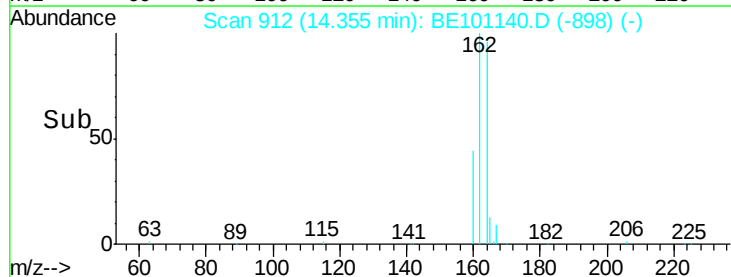
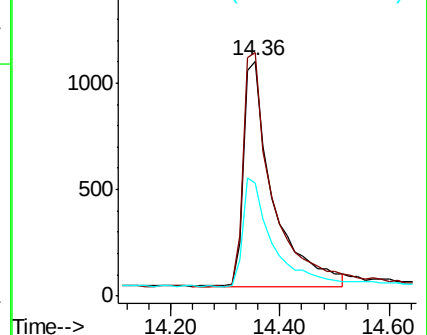
160 48.0 40.4 60.6

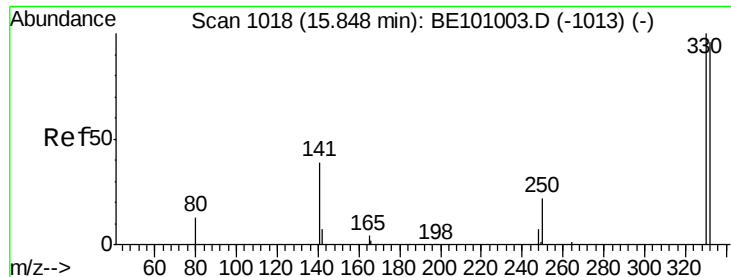


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.136 ng

RT: 15.86 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

Instrument :

BNA_E

ClientSampled :

SP5038

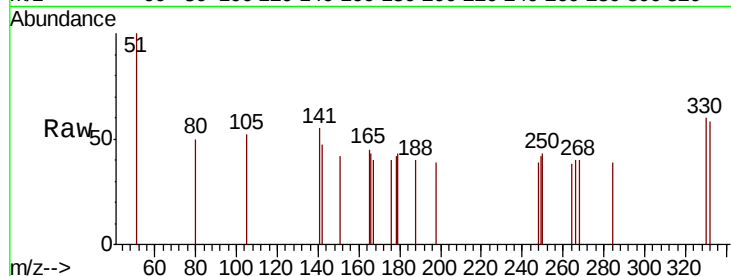
Tot Ion:330 Resp: 152

Ion Ratio Lower Upper

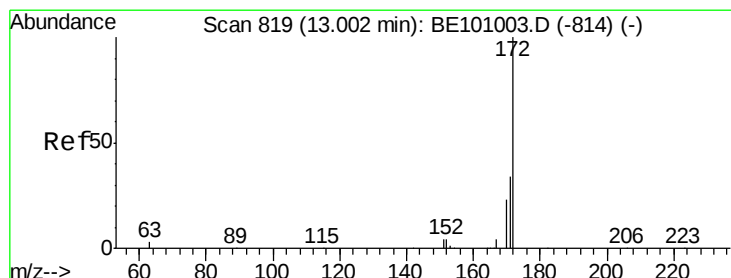
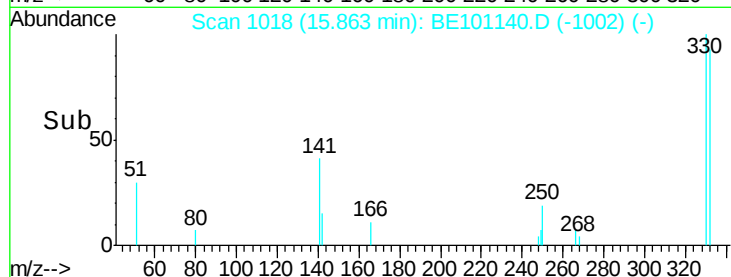
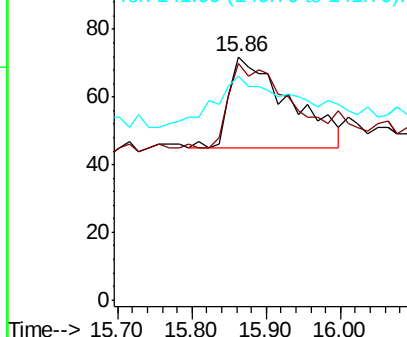
330 100

332 93.4 78.4 117.6

141 67.8 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: 0.495 ng

RT: 13.02 min Scan# 819

Delta R.T. 0.01 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

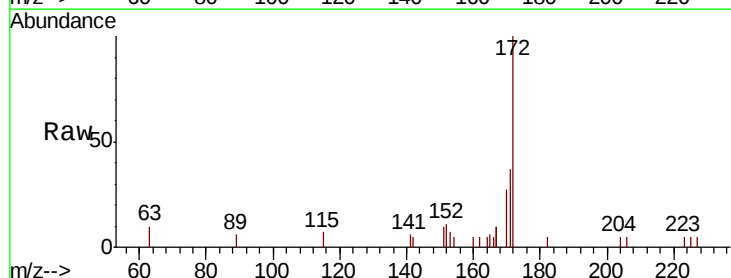
Tgt Ion:172 Resp: 7466

Ion Ratio Lower Upper

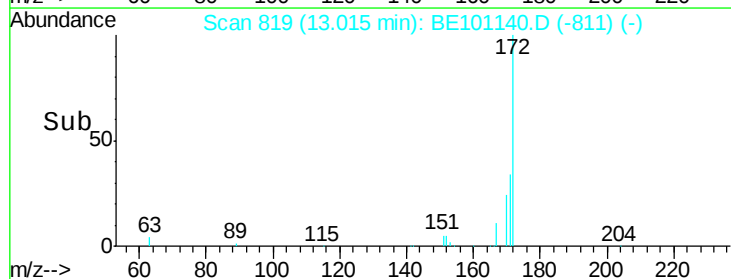
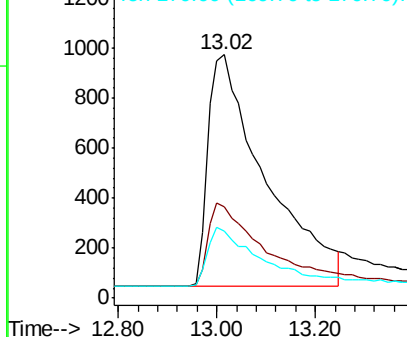
172 100

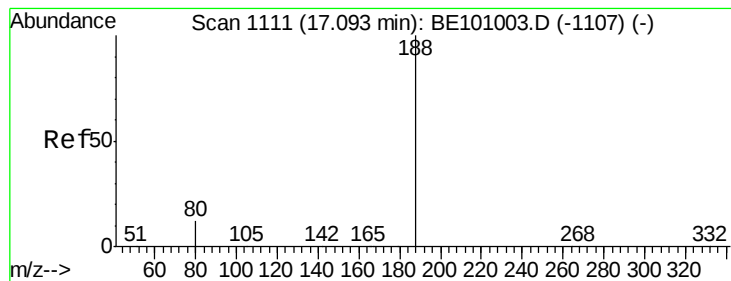
171 37.5 28.2 42.2

170 27.3 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: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

Instrument :

BNA_E

ClientSampleId :

SP5038

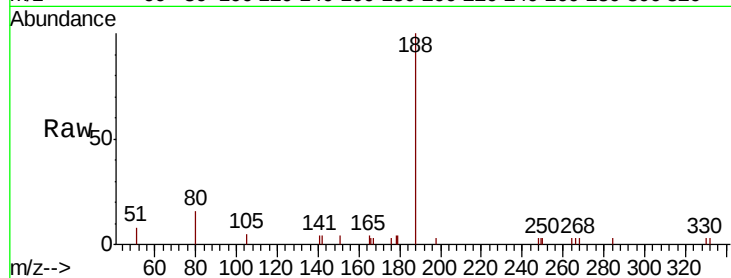
Tot Ion:188 Resp: 8182

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

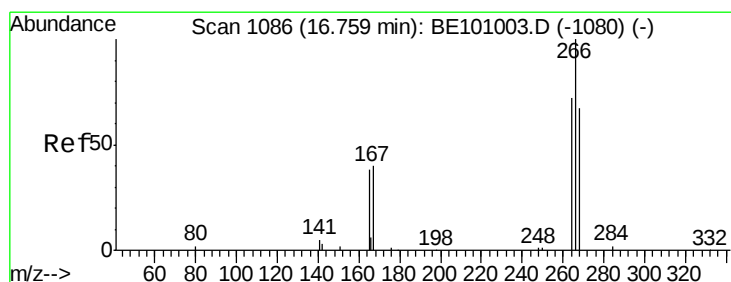
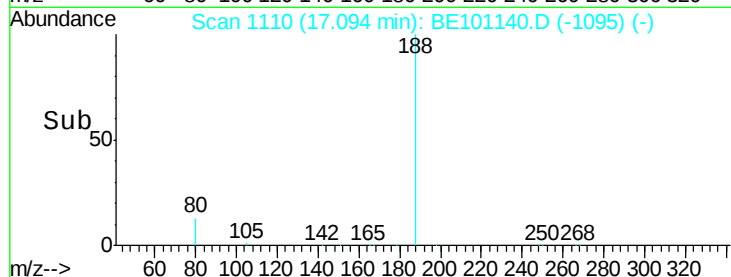
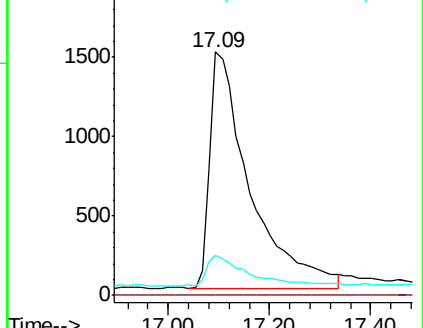
80 16.5 10.8 16.2#



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: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

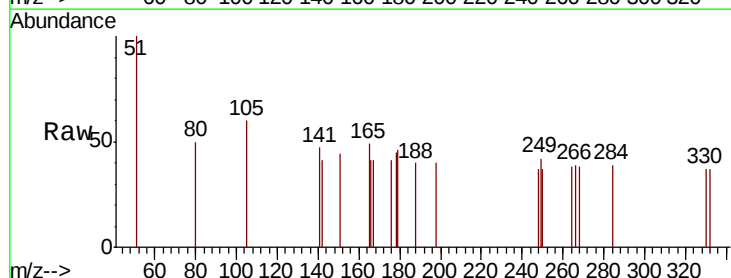
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 97.9 61.0 91.4#

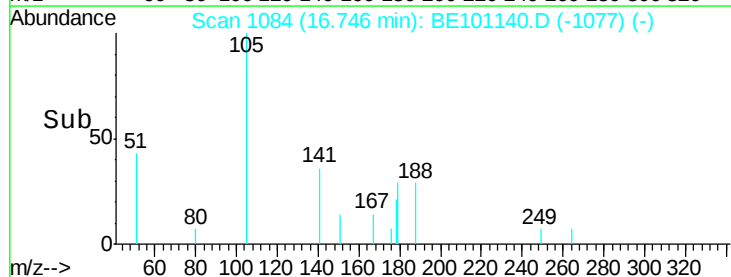
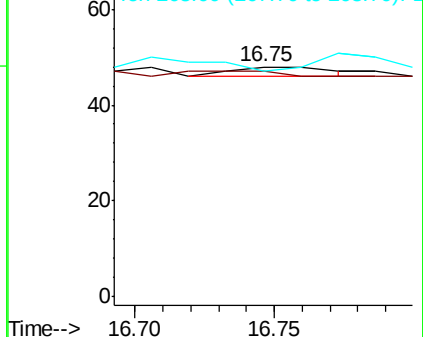
268 97.9 58.5 87.7#

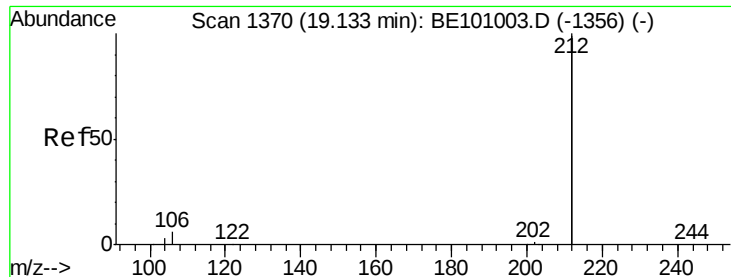


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

Instrument :

BNA_E

ClientSampleId :

SP5038

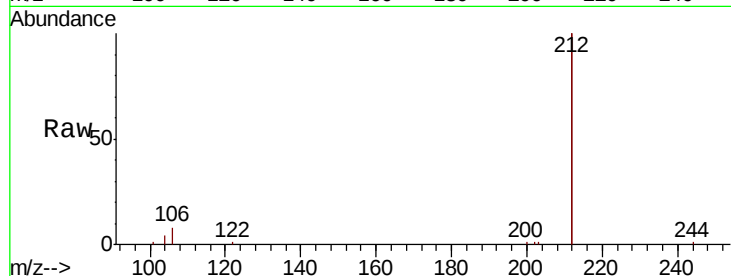
Tot Ion:212 Resp: 41922

Ion Ratio Lower Upper

212 100

106 2.9 2.6 3.8

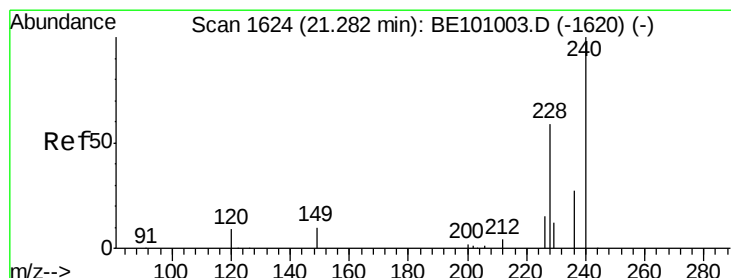
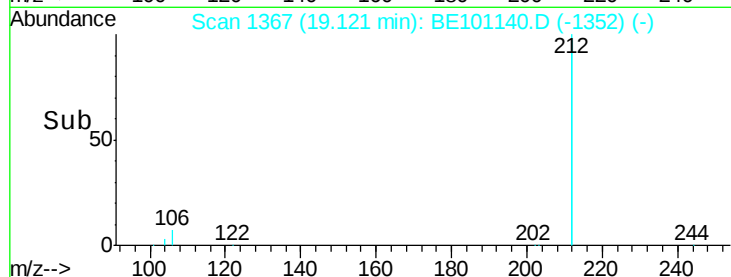
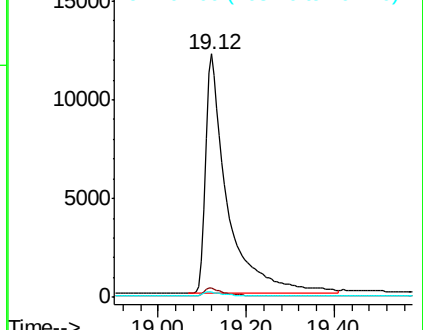
104 1.6 1.4 2.0



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: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

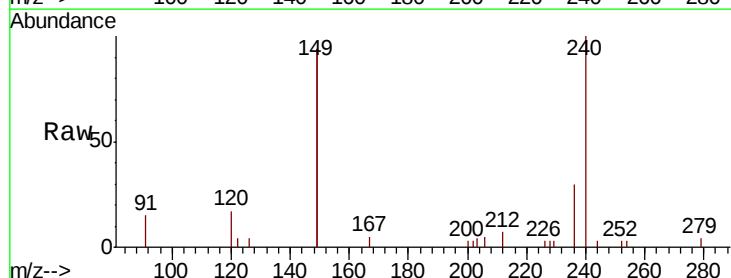
Tgt Ion:240 Resp: 7228

Ion Ratio Lower Upper

240 100

120 17.1 8.6 13.0#

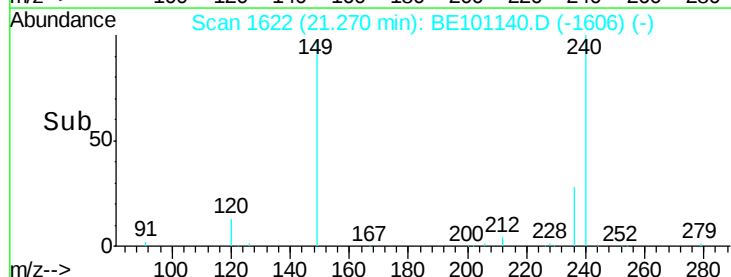
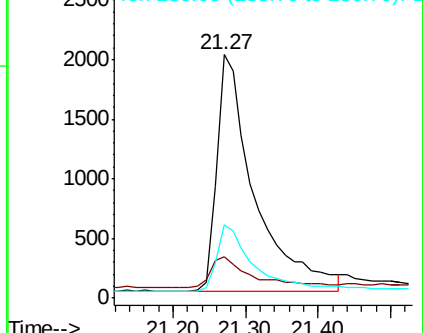
236 30.1 22.2 33.4

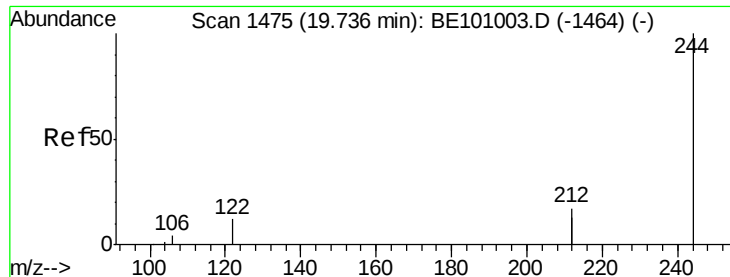


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.538 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

Instrument :

BNA_E

ClientSampleId :

SP5038

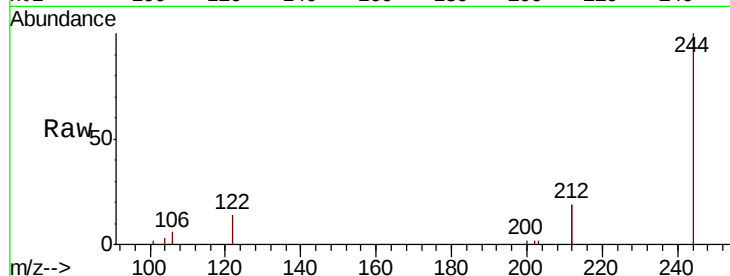
Tot Ion:244 Resp: 9539

Ion Ratio Lower Upper

244 100

212 37.9 27.2 40.8

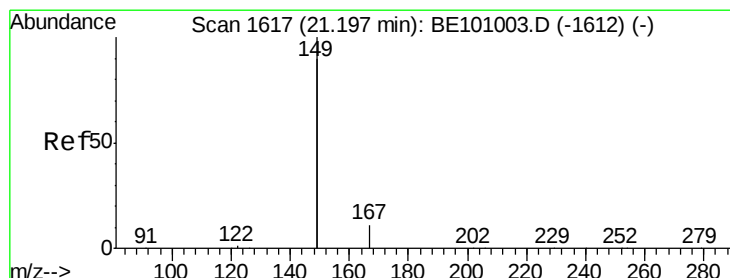
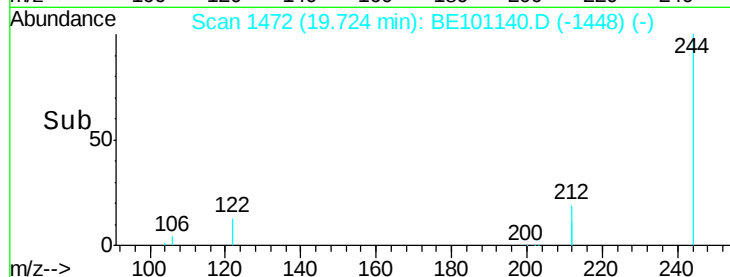
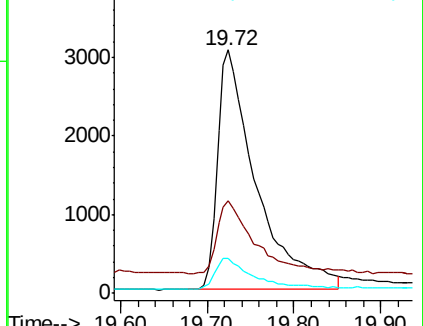
122 14.2 9.8 14.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 21.19 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

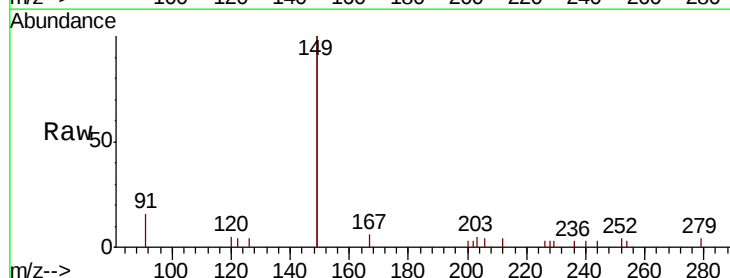
Tgt Ion:149 Resp: 1038

Ion Ratio Lower Upper

149 100

167 6.6 5.2 7.8

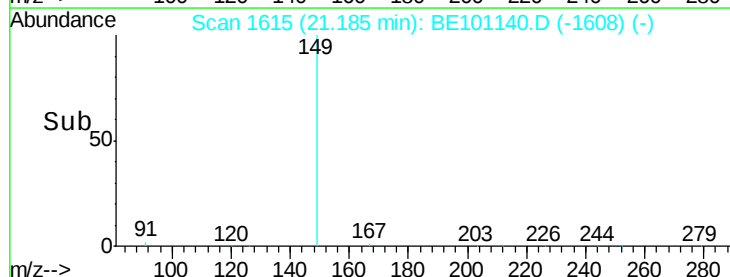
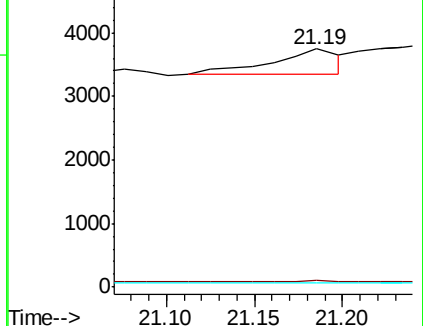
279 0.0 0.8 1.2#

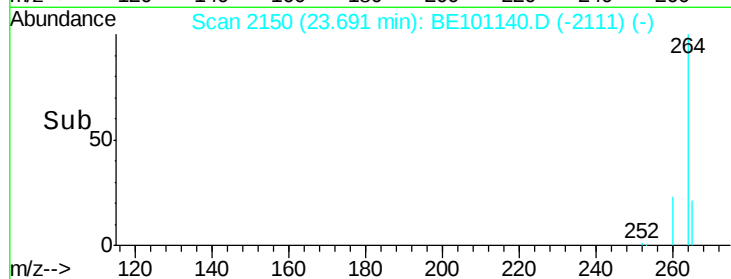
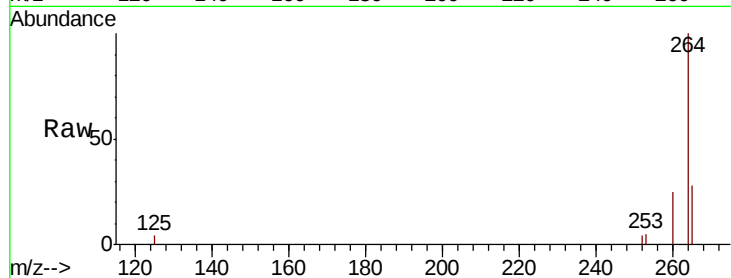
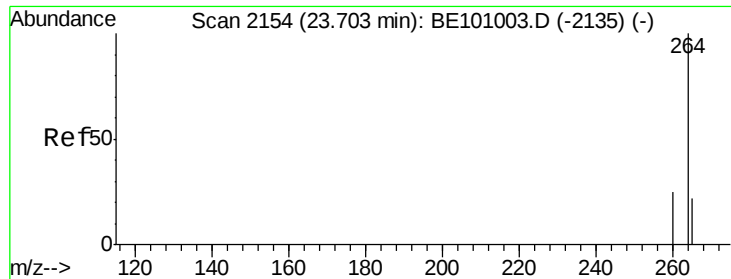


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.69 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BE101140.D

Acq: 7 Feb 2020 16:30

Instrument :

BNA_E

ClientSampleId :

SP5038

Tot Ion:264 Resp: 10863

Ion Ratio Lower Upper

264 100

260 24.6 20.3 30.5

265 28.0 27.0 40.4

