

Data File : BE101065.D
Acq On : 15 Jan 2020 19:43
Operator : JU
Sample : L1116-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS037-200113

Quant Time: Jan 16 04:15:13 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	7.72	152	3163	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	13772	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	8202	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	17966	0.40	ng	0.00
27) Chrysene-d12	21.27	240	17171	0.40	ng	-0.01
34) Perylene-d12	23.69	264	22284	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1381	0.19	ng	0.00
5) Phenol-d6	6.91	99	1020	0.11	ng	-0.01
8) Nitrobenzene-d5	8.87	82	4499	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	8448	0.32	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	1038	0.45	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	12836	0.41	ng	-0.02
25) Fluoranthene-d10	19.12	212	92107	0.37	ng	-0.01
29) Terphenyl-d14	19.72	244	17912	0.42	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	674	Below Cal	#	47
22) Pentachlorophenol	16.75	266	22	0.256 ng	#	76
32) Bis(2-ethylhexyl)phthalate	21.20	149	15008	0.184 ng		99

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

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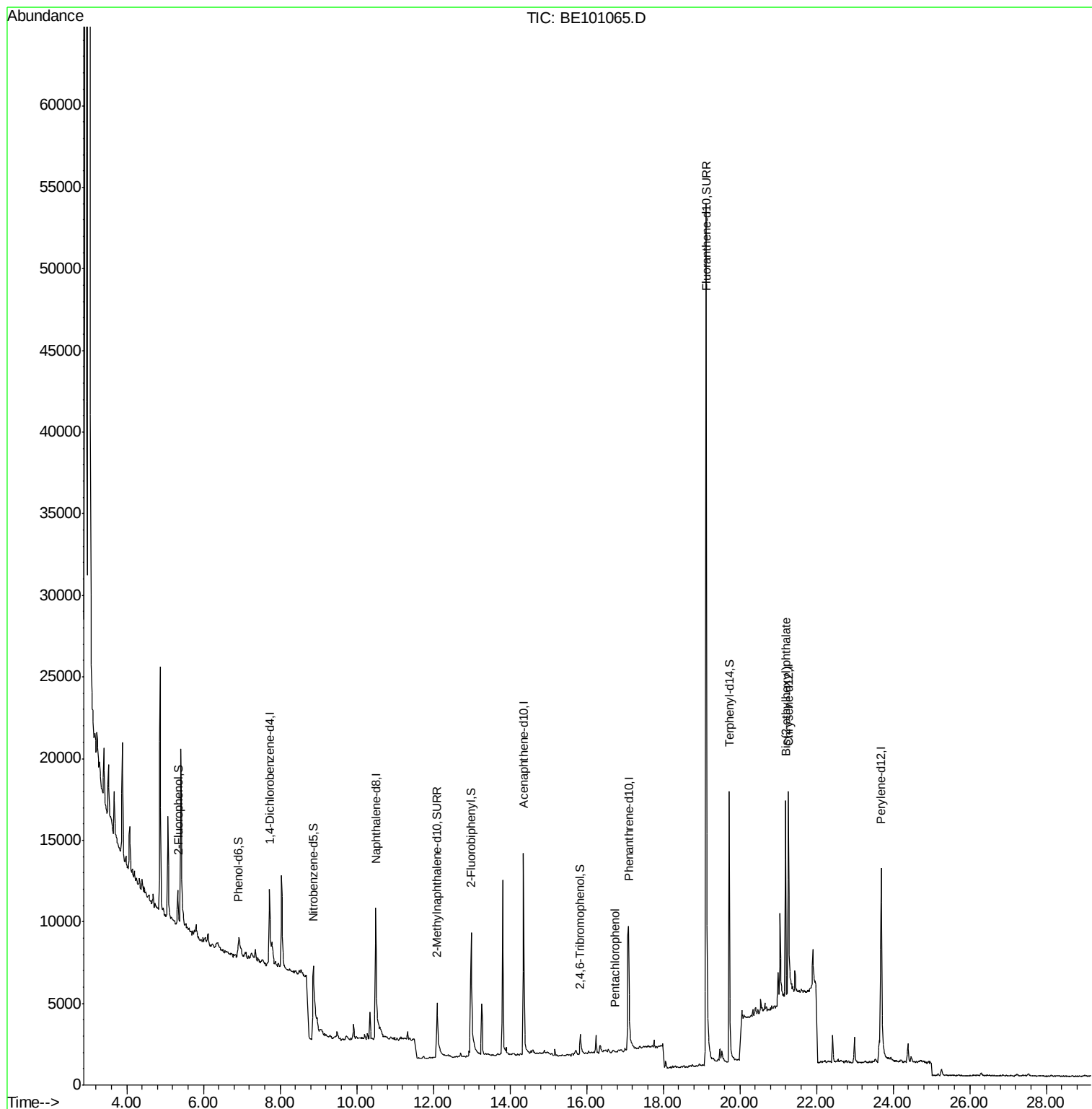
Quant Time: Jan 16 04:15:13 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 422

Delta R.T. -0.01 min

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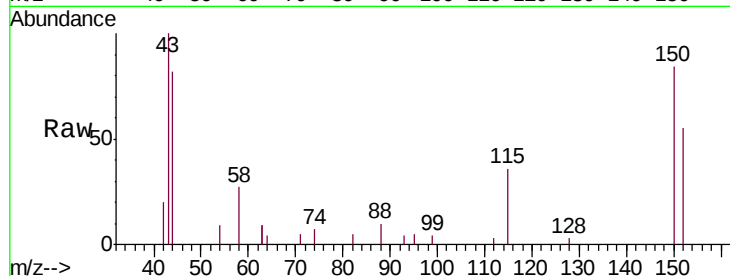
Tgt Ion:152 Resp: 3163

Ion Ratio Lower Upper

152 100

150 154.0 120.3 180.5

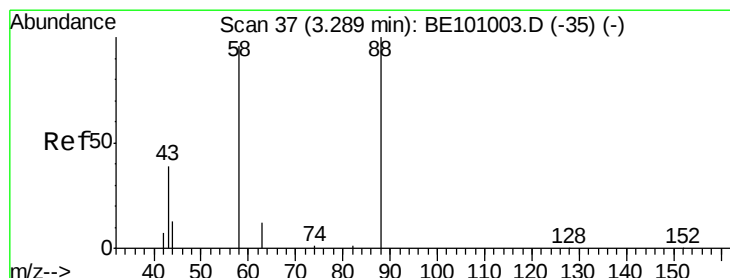
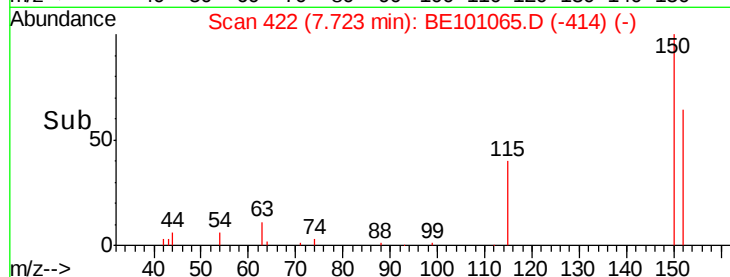
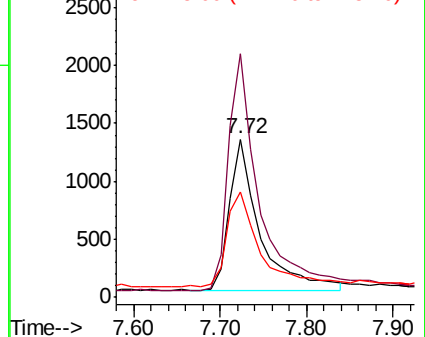
115 66.6 51.7 77.5



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: 3.29 min Scan# 37

Delta R.T. 0.00 min

Lab File: BE101065.D

Acq: 15 Jan 2020 19:43

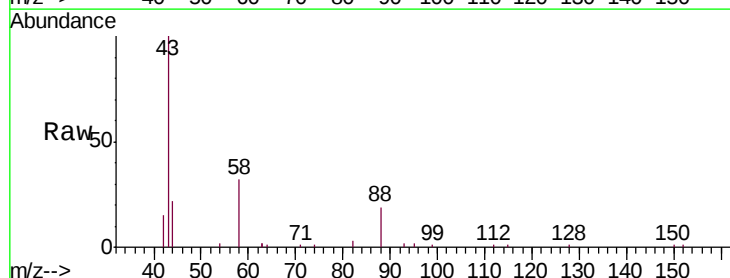
Tgt Ion: 88 Resp: 674

Ion Ratio Lower Upper

88 100

58 107.7 53.0 79.4#

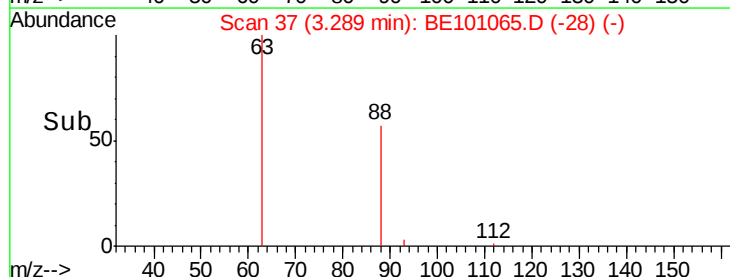
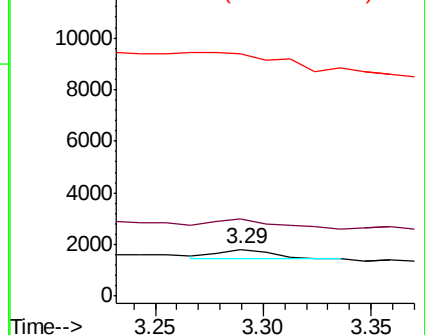
43 0.0 23.4 35.2#

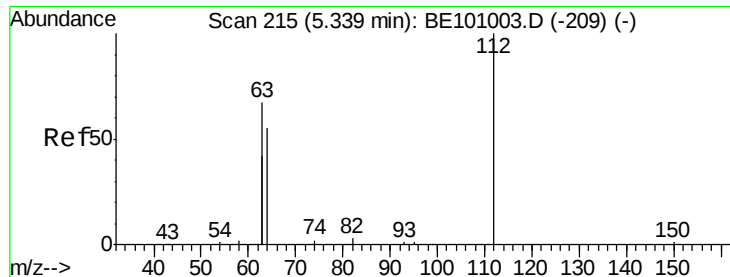


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.194 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

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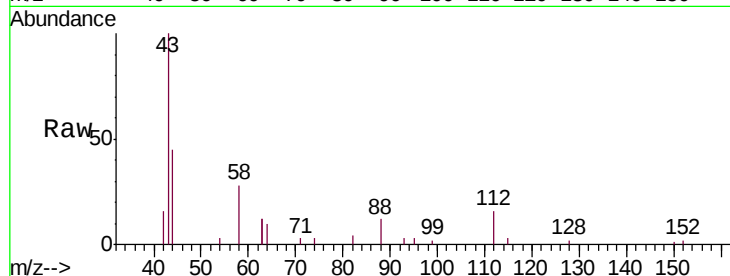
Tgt Ion: 112 Resp: 1381

Ion Ratio Lower Upper

112 100

64 69.1 53.6 80.4

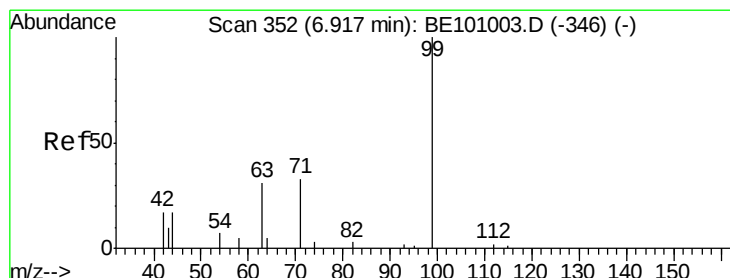
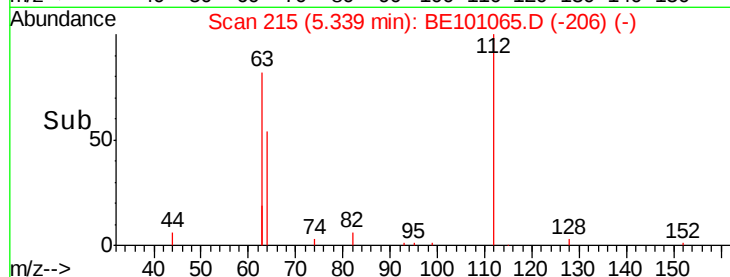
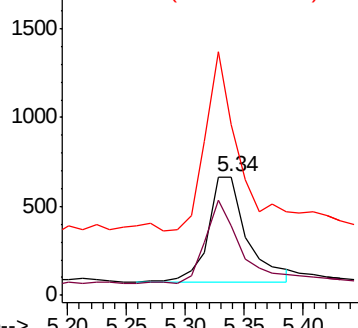
63 144.3 114.6 172.0



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: 0.113 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101065.D

Acq: 15 Jan 2020 19:43

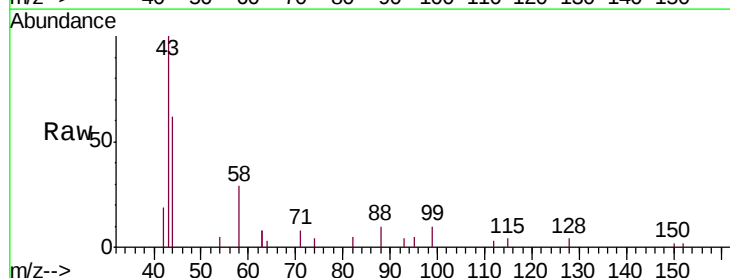
Tgt Ion: 99 Resp: 1020

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

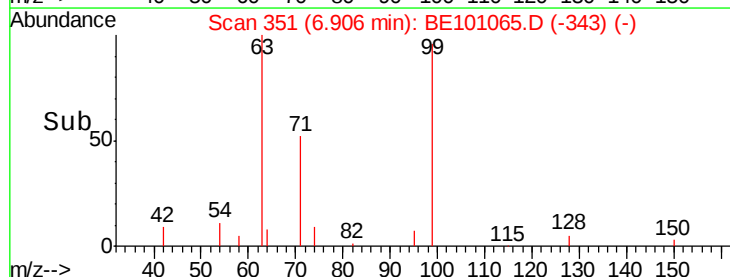
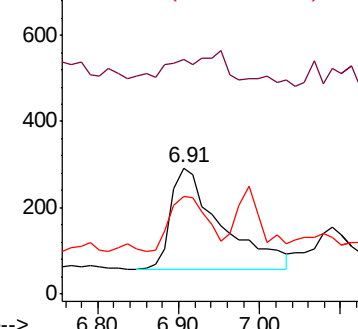
71 40.0 28.0 42.0

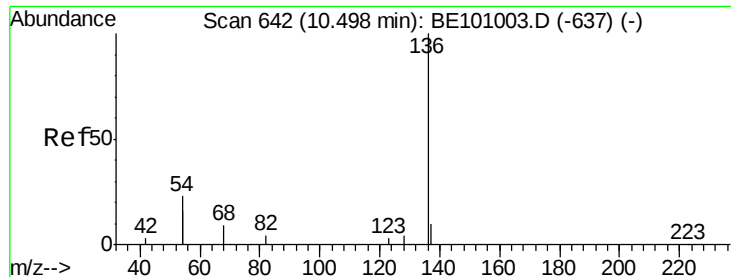


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101065.D

Acq: 15 Jan 2020 19:43

Instrument :

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Tgt Ion: 136 Resp: 13772

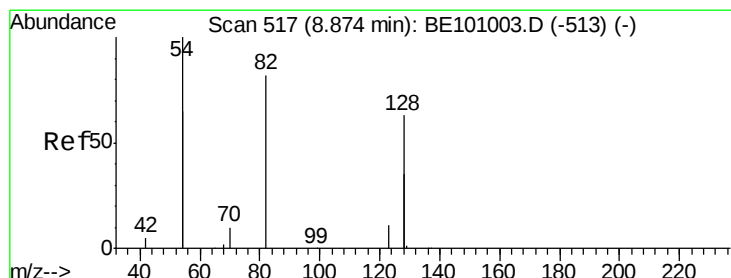
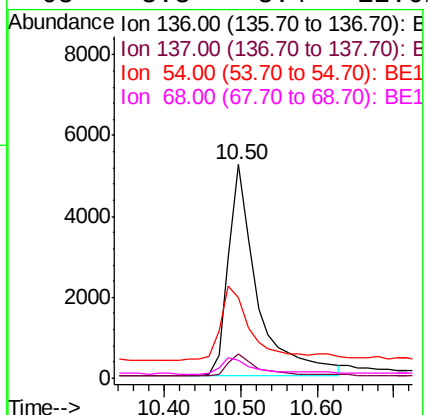
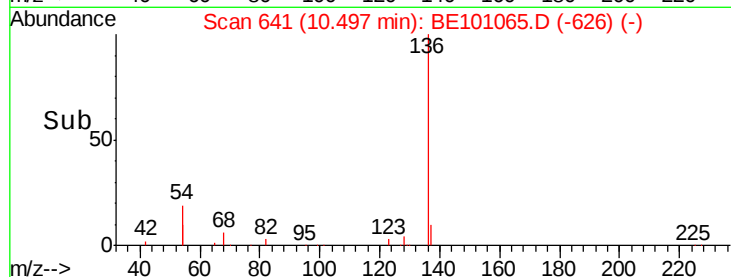
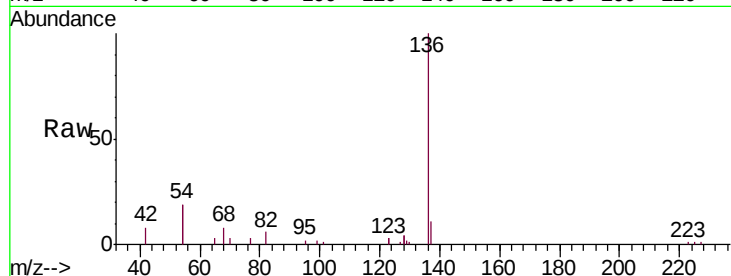
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 37.9 36.8 55.2

68 8.3 8.4 12.6#



#8

Nitrobenzene-d5

Concen: 0.457 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101065.D

Acq: 15 Jan 2020 19:43

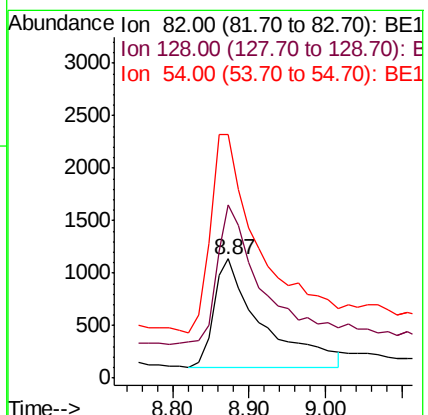
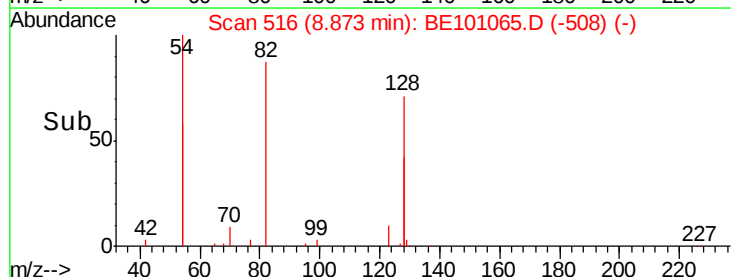
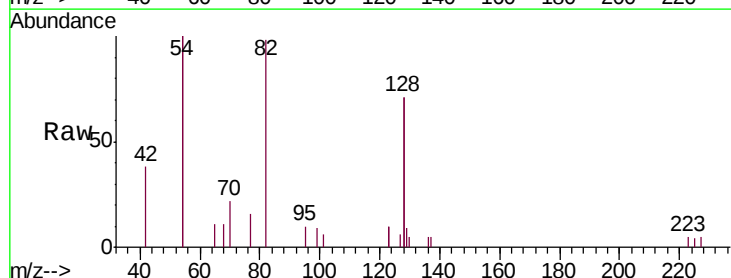
Tgt Ion: 82 Resp: 4499

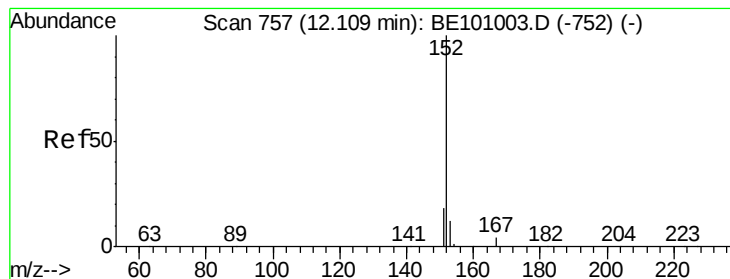
Ion Ratio Lower Upper

82 100

128 145.4 109.8 164.6

54 204.0 174.5 261.7





#11

2-Methylnaphthalene-d10

Concen: 0.321 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.02 min

Lab File: BE101065.D

Acq: 15 Jan 2020 19:43

Instrument :

BNA_E

ClientSampleId :

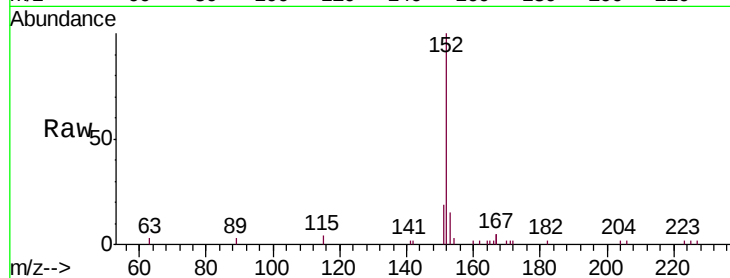
KY038PS037-200113

Tgt Ion:152 Resp: 8448

Ion Ratio Lower Upper

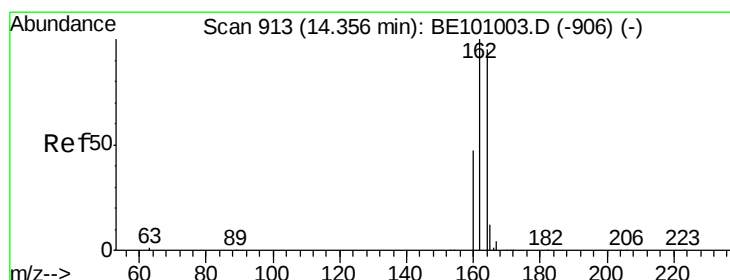
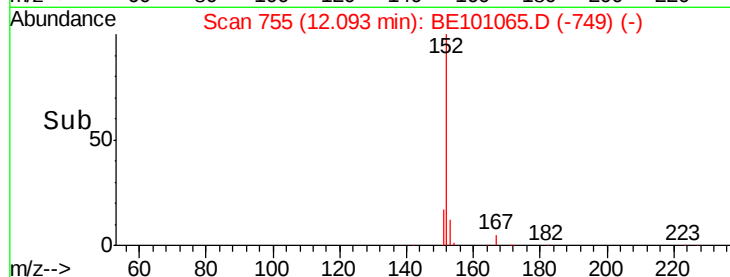
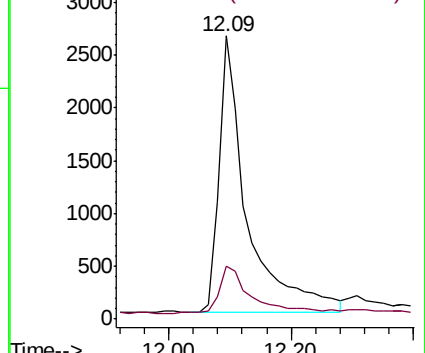
152 100

151 17.8 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: BE101065.D

Acq: 15 Jan 2020 19:43

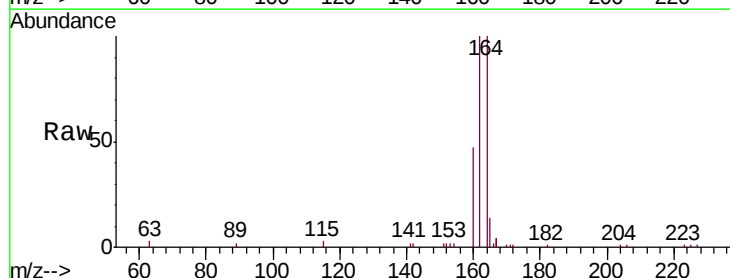
Tgt Ion:164 Resp: 8202

Ion Ratio Lower Upper

164 100

162 100.0 84.1 126.1

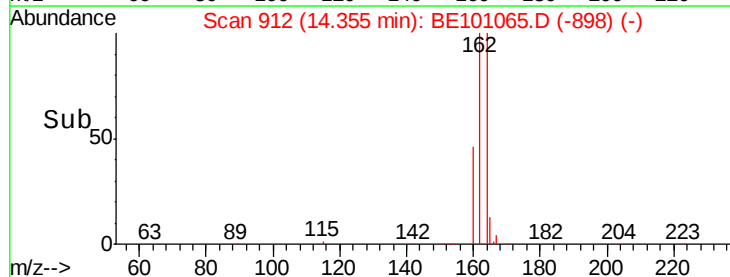
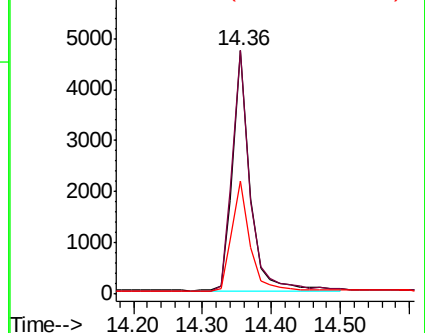
160 46.7 40.4 60.6

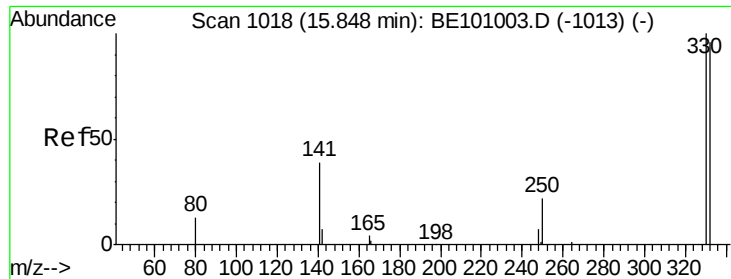


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

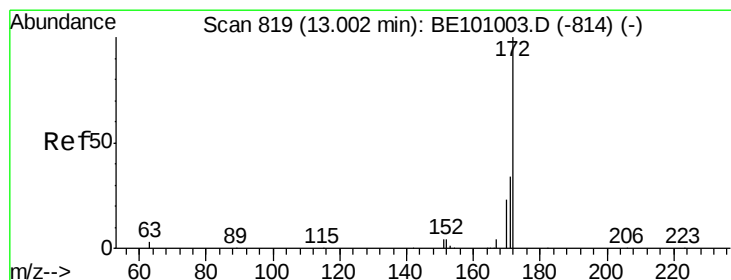
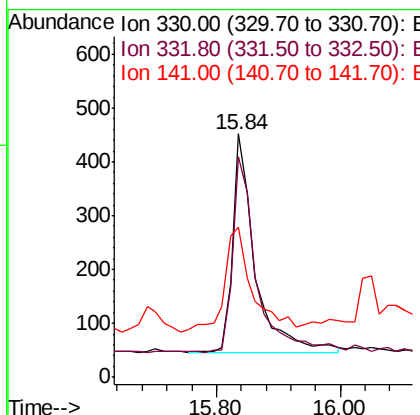
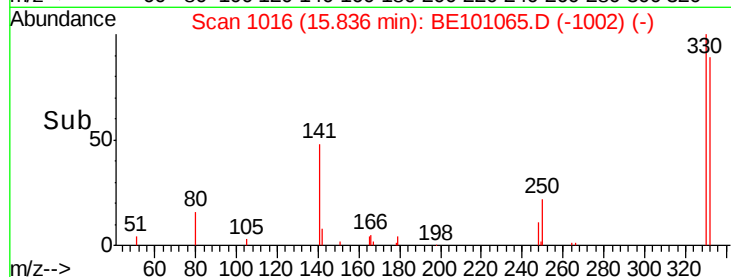
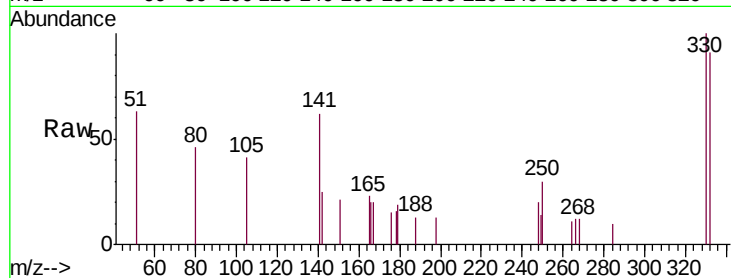




#14
 2,4,6-Tribromophenol
 Concen: 0.448 ng
 RT: 15.84 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BE101065.D
 Acq: 15 Jan 2020 19:43

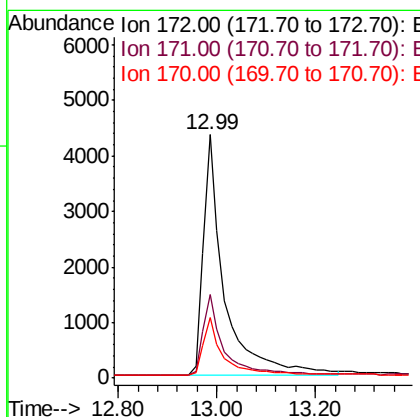
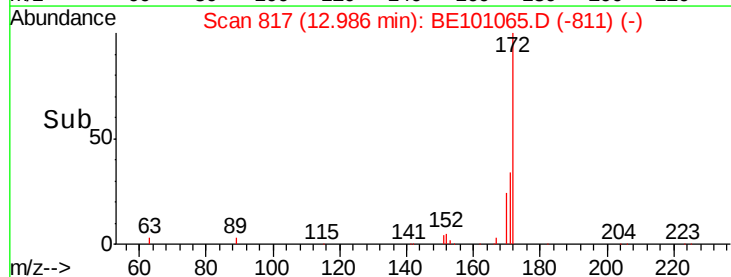
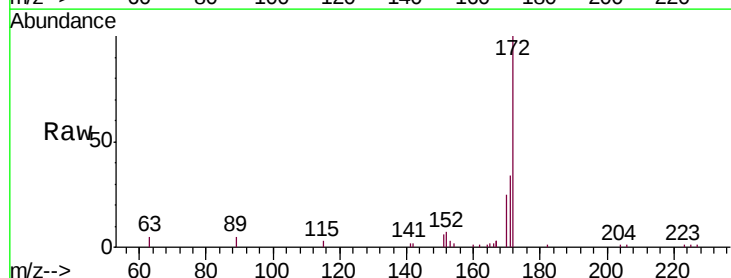
Instrument :
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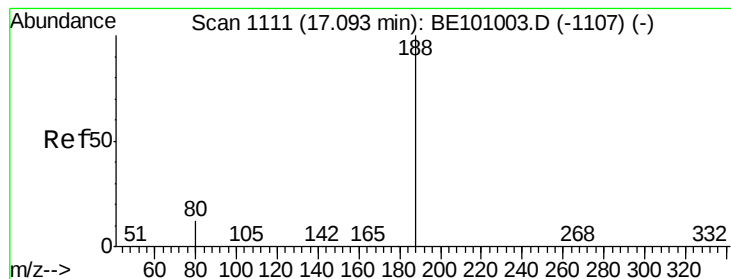
Tgt Ion:330 Resp: 1038
 Ion Ratio Lower Upper
 330 100
 332 92.6 78.4 117.6
 141 60.4 37.0 55.4#



#15
 2-Fluorobiphenyl
 Concen: 0.412 ng
 RT: 12.99 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BE101065.D
 Acq: 15 Jan 2020 19:43

Tgt Ion:172 Resp: 12836
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.2 42.2
 170 24.7 18.9 28.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101065.D

Acq: 15 Jan 2020 19:43

Instrument :

BNA_E

ClientSampleId :

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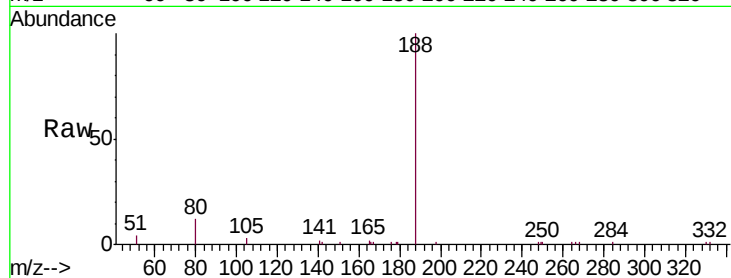
Tgt Ion:188 Resp: 17966

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

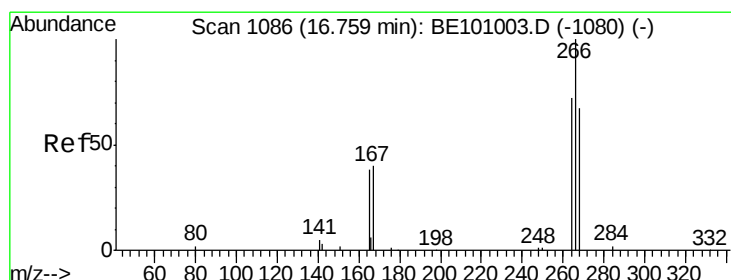
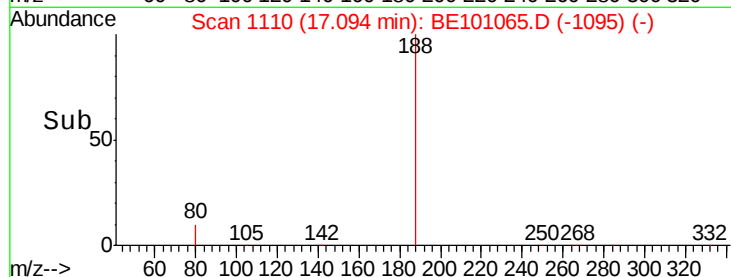
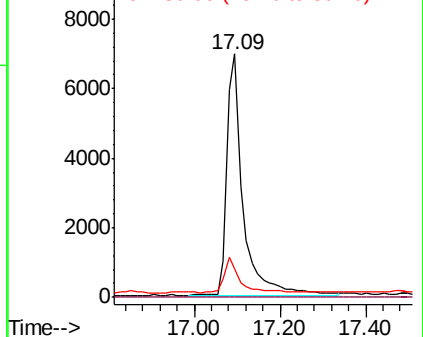
80 11.9 10.8 16.2



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: 0.256 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE101065.D

Acq: 15 Jan 2020 19:43

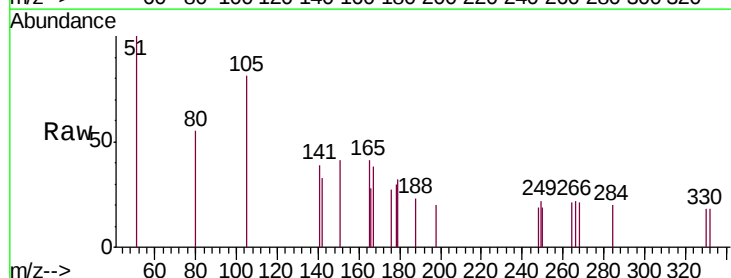
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 93.2 61.0 91.4#

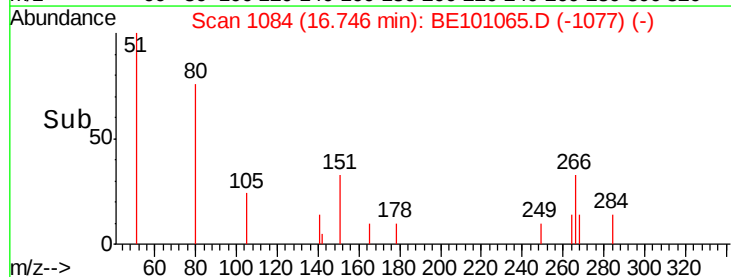
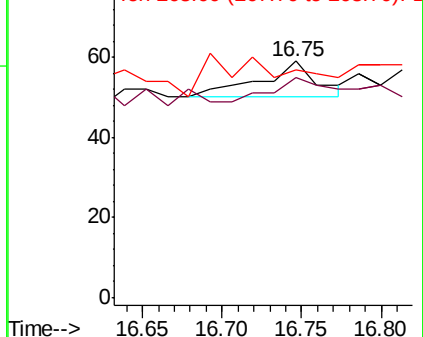
268 96.6 58.5 87.7#

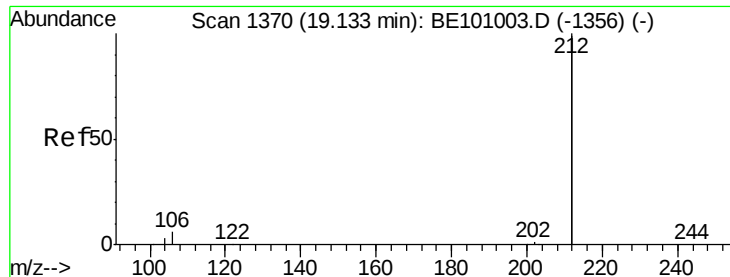


Abundance Ion 266.00 (265.70 to 266.70): E

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: BE101065.D

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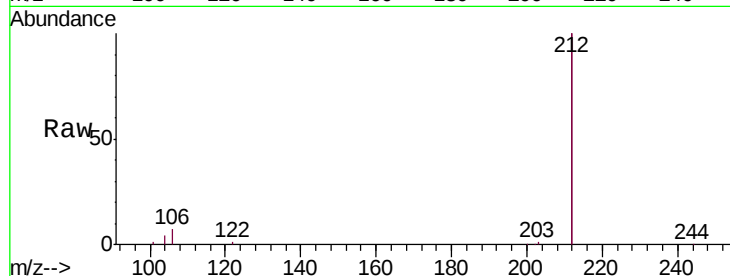
Tgt Ion:212 Resp: 92107

Ion Ratio Lower Upper

212 100

106 3.5 2.6 3.8

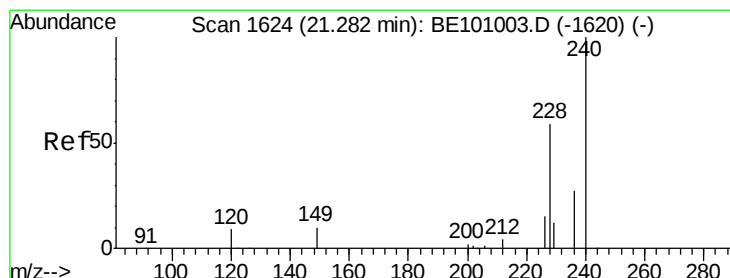
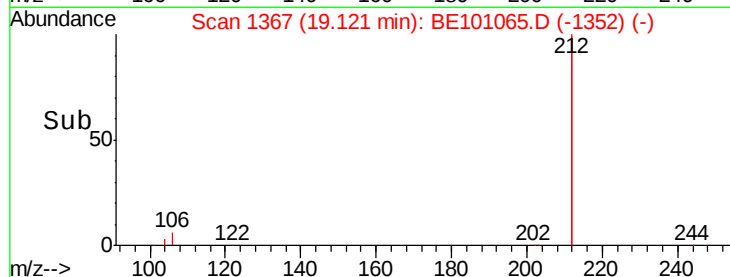
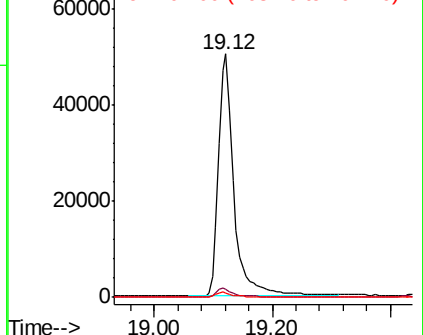
104 2.0 1.4 2.0



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: BE101065.D

Acq: 15 Jan 2020 19:43

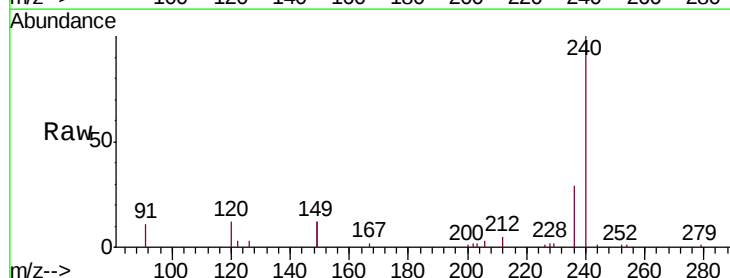
Tgt Ion:240 Resp: 17171

Ion Ratio Lower Upper

240 100

120 11.5 8.6 13.0

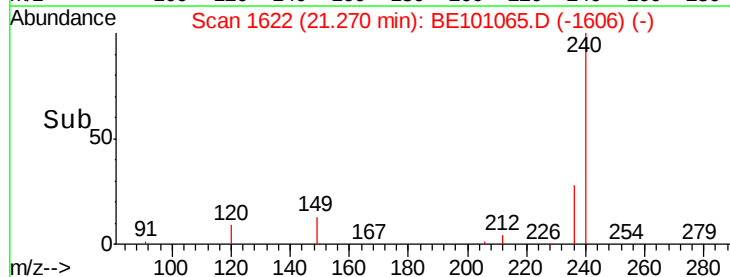
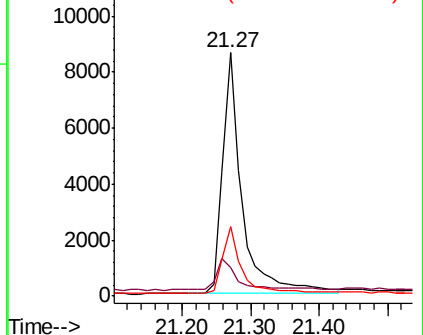
236 28.8 22.2 33.4

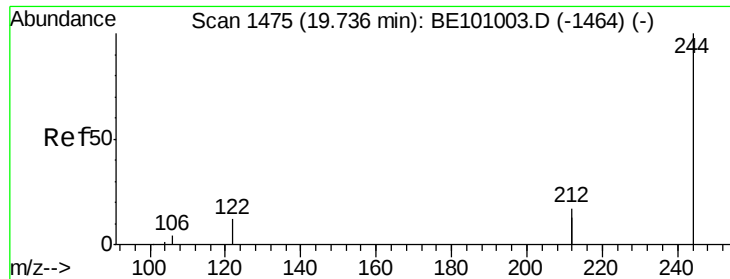


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.425 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101065.D

Acq: 15 Jan 2020 19:43

Instrument :

BNA_E

ClientSampleId :

KY038PS037-200113

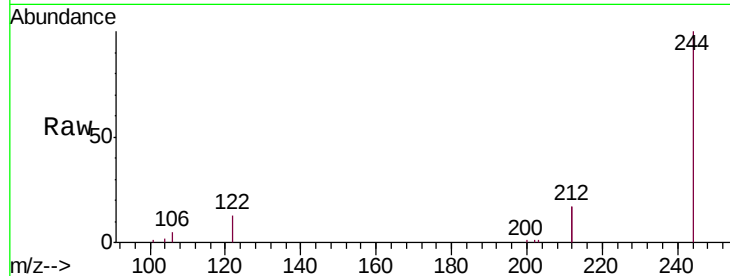
Tgt Ion:244 Resp: 17912

Ion Ratio Lower Upper

244 100

212 33.2 27.2 40.8

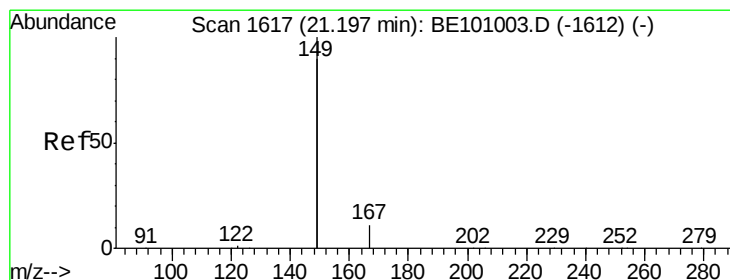
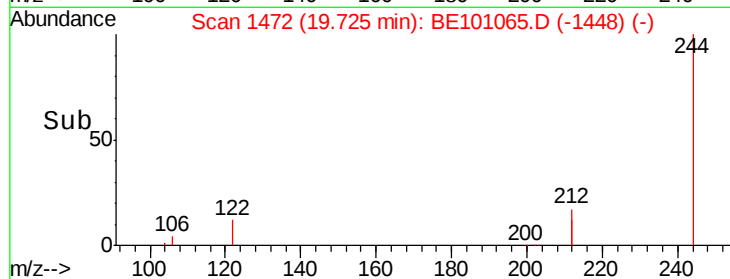
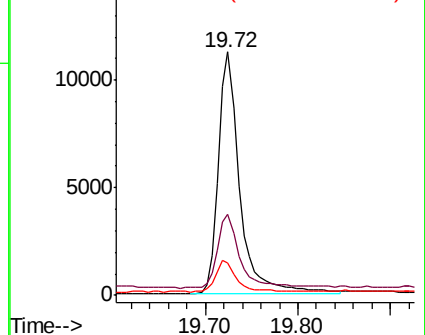
122 13.4 9.8 14.8



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.184 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101065.D

Acq: 15 Jan 2020 19:43

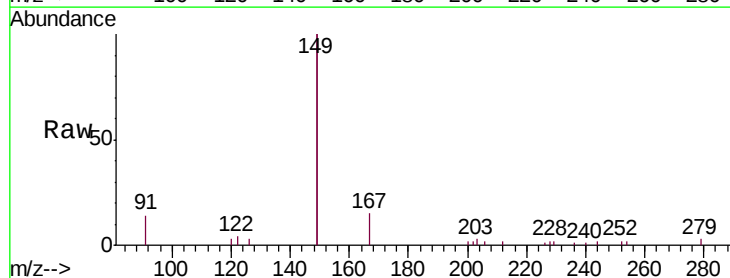
Tgt Ion:149 Resp: 15008

Ion Ratio Lower Upper

149 100

167 6.9 5.2 7.8

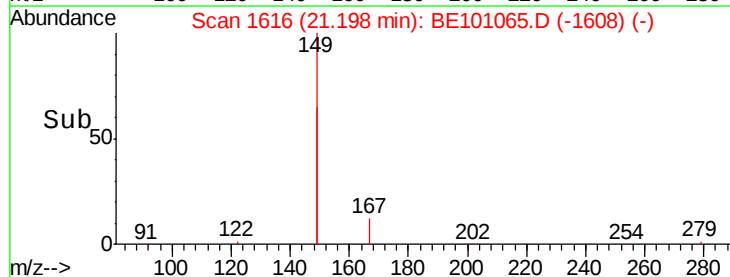
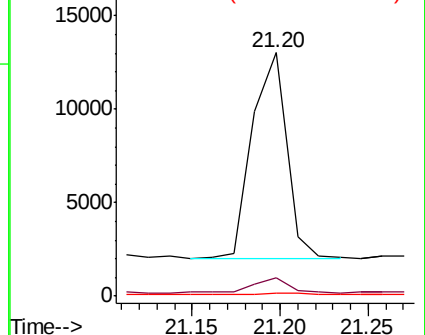
279 0.8 0.8 1.2

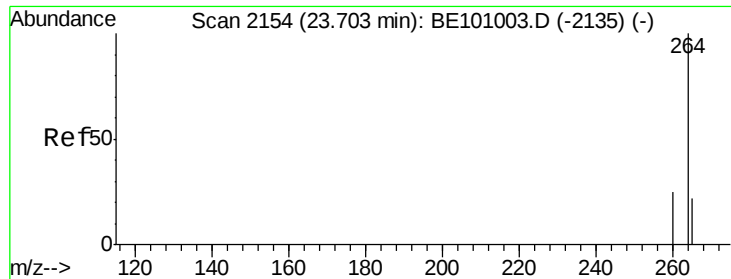


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.69 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BE101065.D

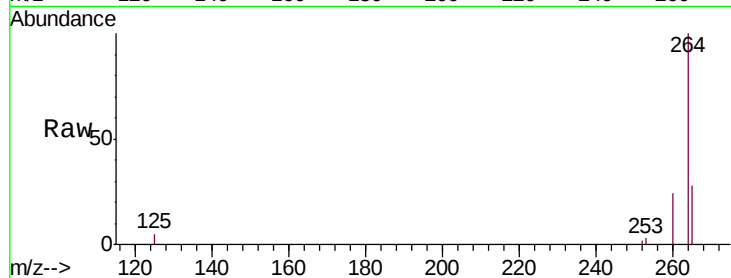
Acq: 15 Jan 2020 19:43

Instrument :

BNA_E

ClientSampleId :

KY038PS037-200113



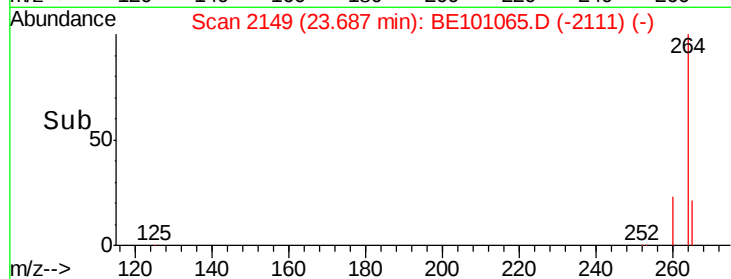
Tgt Ion: 264 Resp: 22284

Ion Ratio Lower Upper

264 100

260 23.8 20.3 30.5

265 27.8 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

