

Data File : BE101101.D
Acq On : 20 Jan 2020 14:26
Operator : JU
Sample : L1116-04RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS038-200113

Quant Time: Jan 21 02:07:22 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	1877	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	7403	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	5570	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	15359	0.40	ng	0.00
27) Chrysene-d12	21.27	240	18838	0.40	ng	-0.01
34) Perylene-d12	23.69	264	22592	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	918	0.22	ng	-0.01
5) Phenol-d6	6.91	99	523	0.10	ng	-0.01
8) Nitrobenzene-d5	8.89	82	2066	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.09	152	4935	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	727	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	7553	0.36	ng	-0.01
25) Fluoranthene-d10	19.12	212	96844	0.45	ng	-0.01
29) Terphenyl-d14	19.72	244	21280	0.46	ng	-0.01

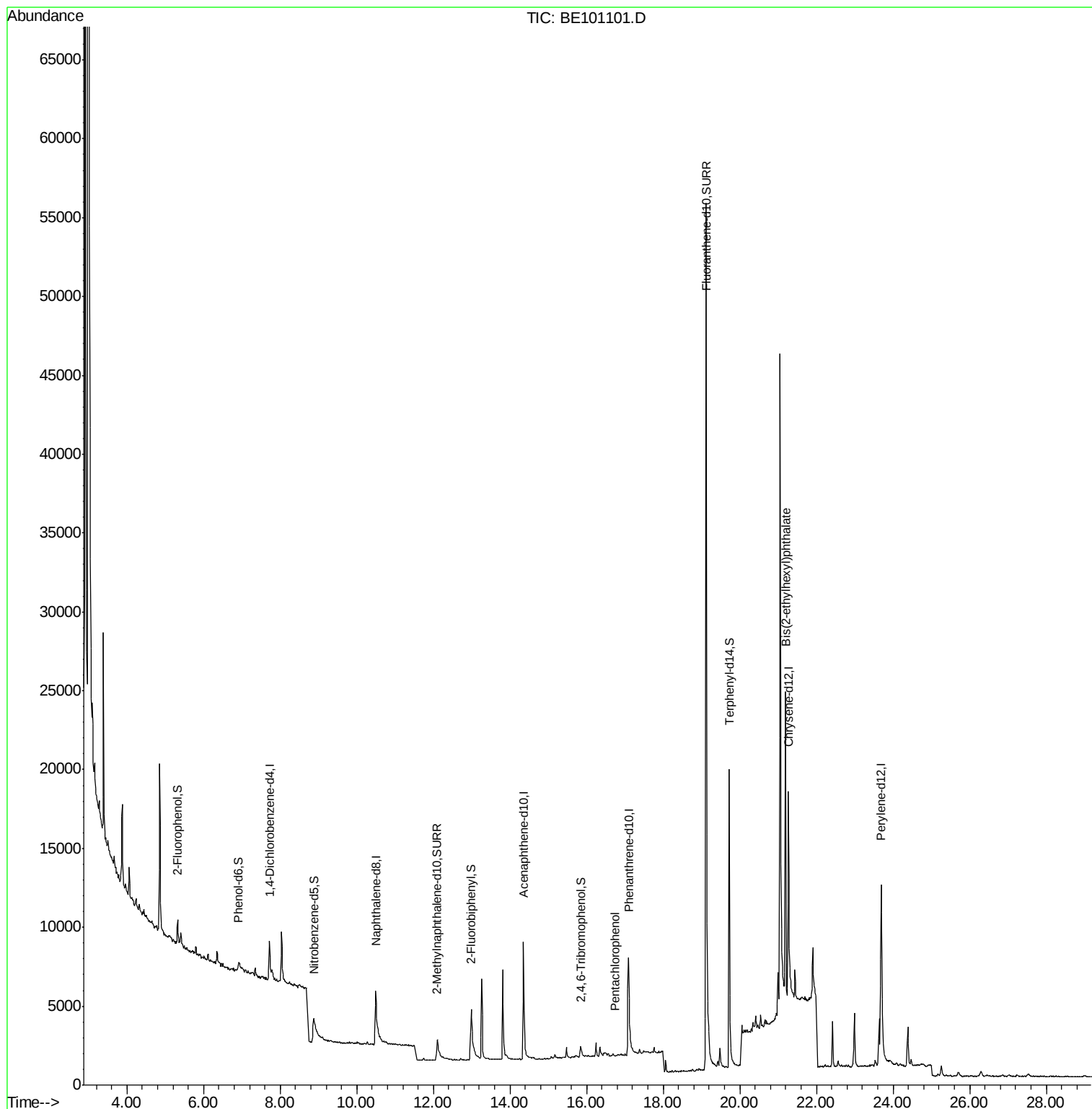
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	457	Below Cal	#	1
22) Pentachlorophenol	16.73	266	9	0.253 ng	#	69
32) Bis(2-ethylhexyl)phthalate	21.20	149	27474	0.307 ng		100

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

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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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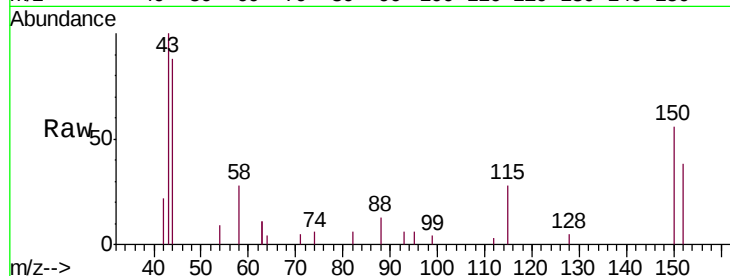
Tgt Ion:152 Resp: 1877

Ion Ratio Lower Upper

152 100

150 146.6 120.3 180.5

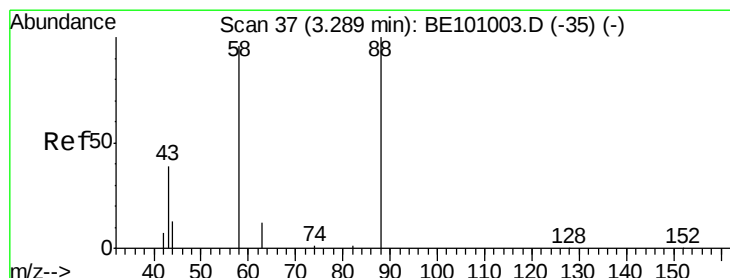
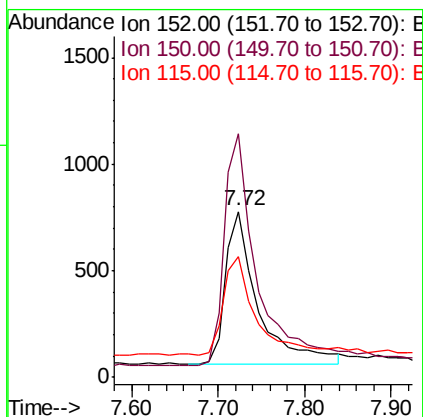
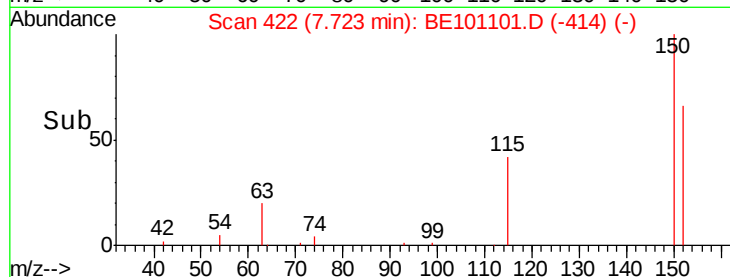
115 72.8 51.7 77.5



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: BE101101.D

Acq: 20 Jan 2020 14:26

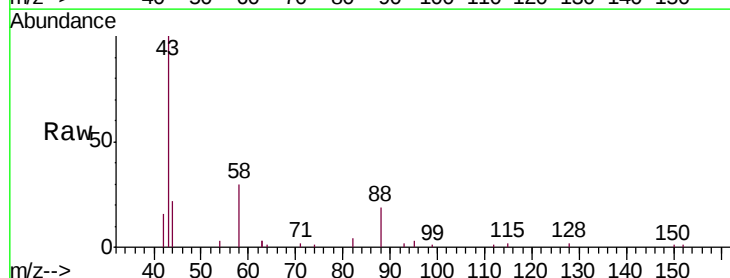
Tgt Ion: 88 Resp: 457

Ion Ratio Lower Upper

88 100

58 179.4 53.0 79.4#

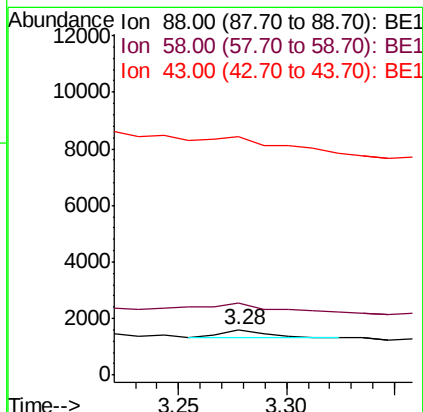
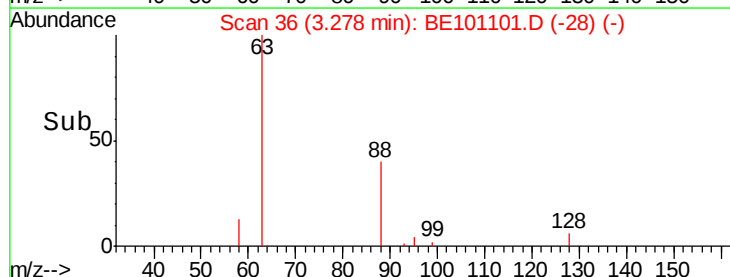
43 0.0 23.4 35.2#

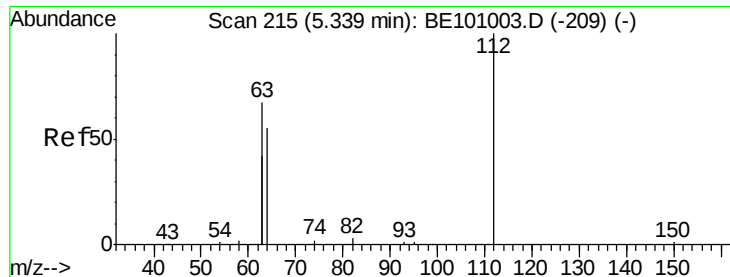


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.217 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

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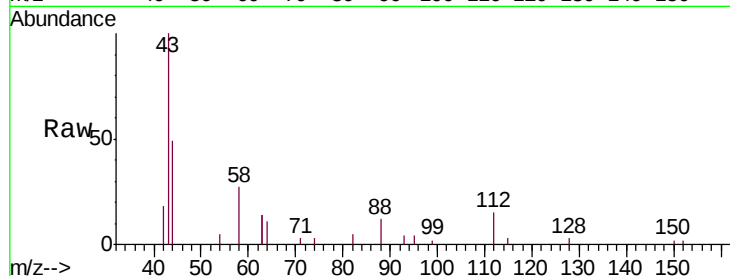
Tgt Ion: 112 Resp: 918

Ion Ratio Lower Upper

112 100

64 66.7 53.6 80.4

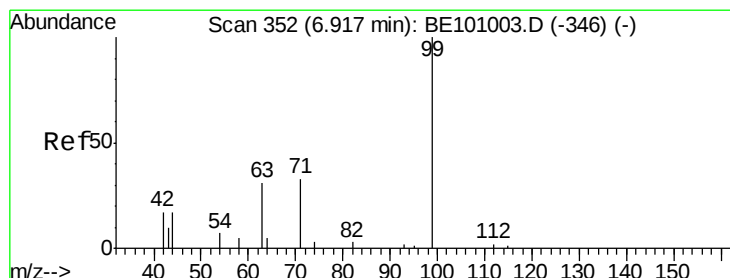
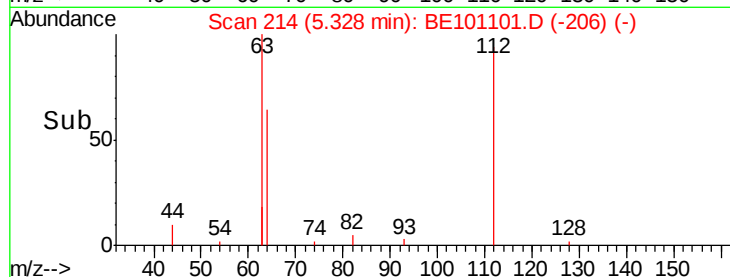
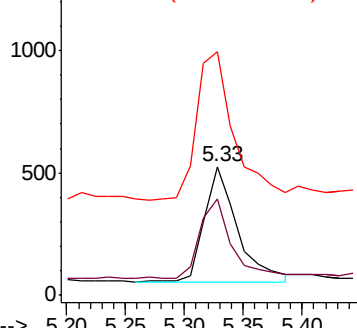
63 149.7 114.6 172.0



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: 0.098 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101101.D

Acq: 20 Jan 2020 14:26

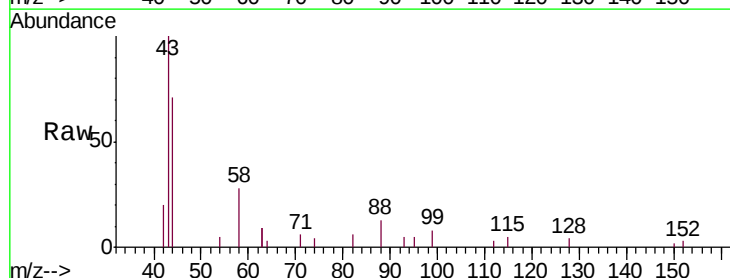
Tgt Ion: 99 Resp: 523

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

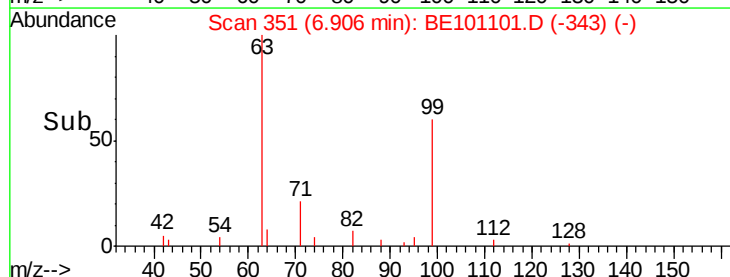
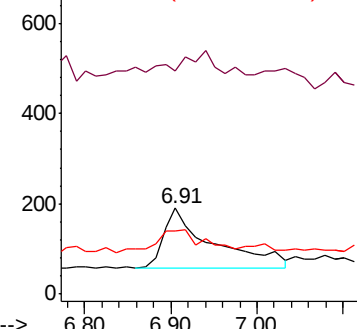
71 36.9 28.0 42.0

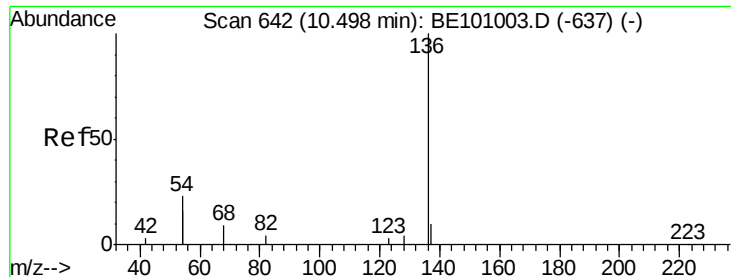


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE101101.D

Acq: 20 Jan 2020 14:26

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion: 136 Resp: 7403

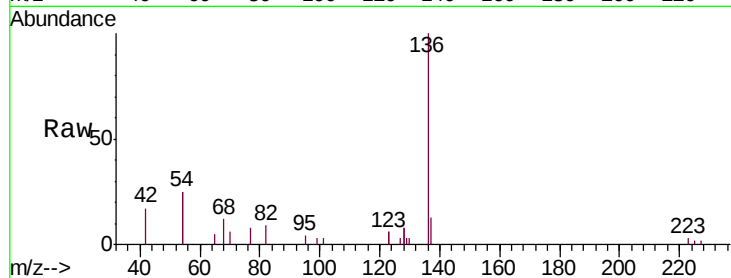
Ion Ratio Lower Upper

136 100

137 12.8 9.3 13.9

54 50.8 36.8 55.2

68 11.6 8.4 12.6

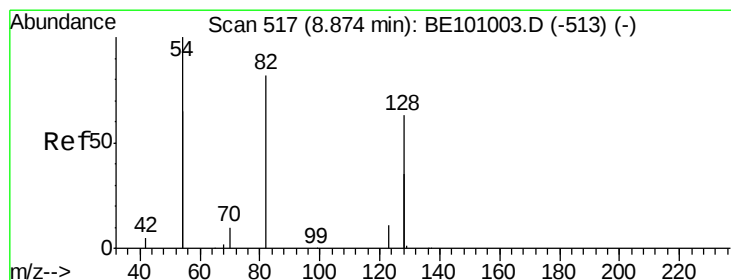
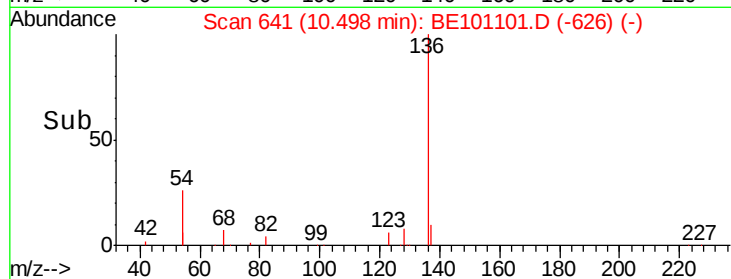
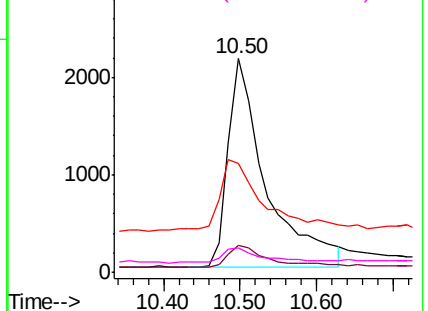


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.390 ng

RT: 8.89 min Scan# 517

Delta R.T. 0.01 min

Lab File: BE101101.D

Acq: 20 Jan 2020 14:26

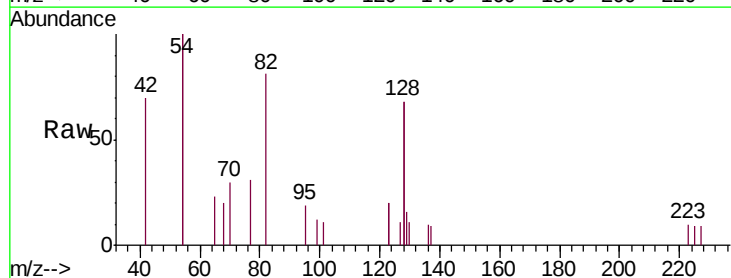
Tgt Ion: 82 Resp: 2066

Ion Ratio Lower Upper

82 100

128 167.7 109.8 164.6#

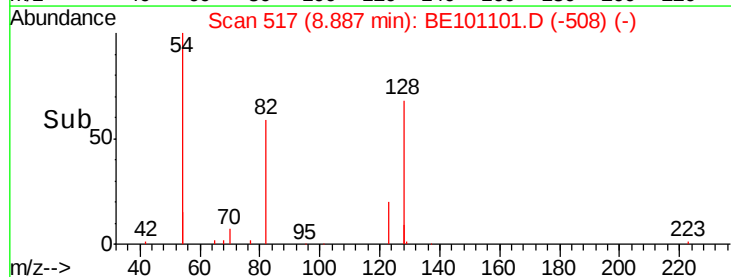
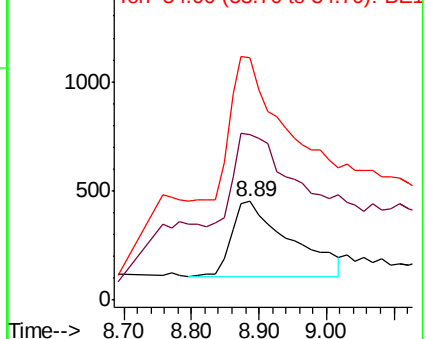
54 246.0 174.5 261.7

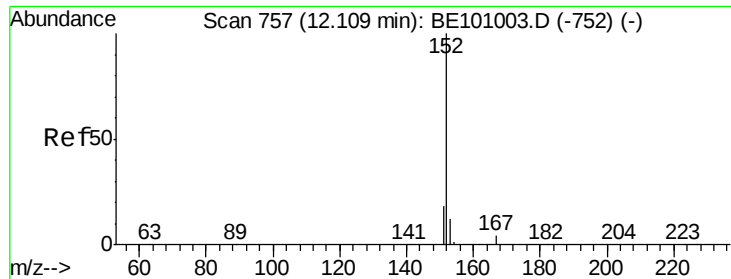


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

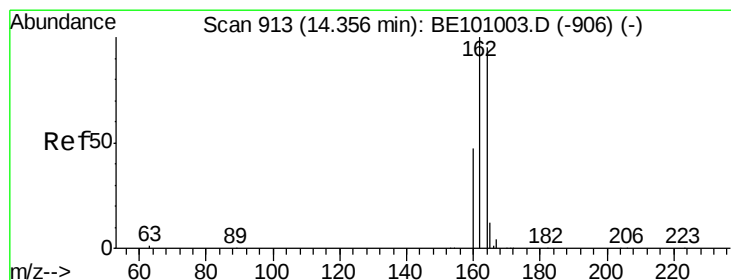
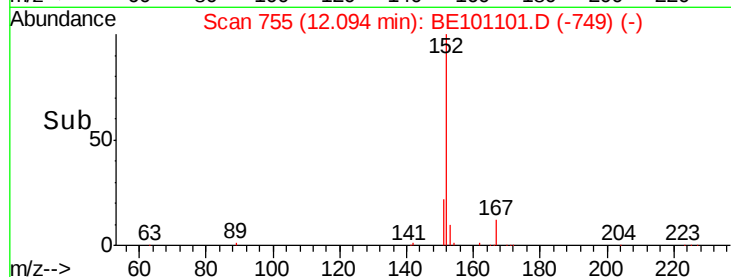
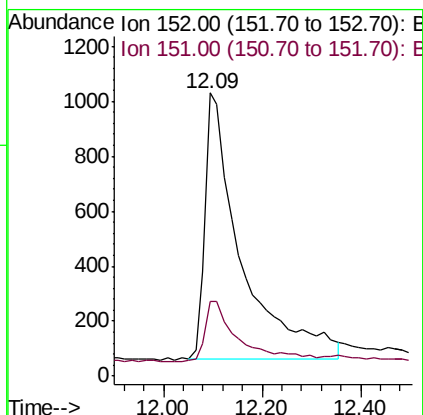
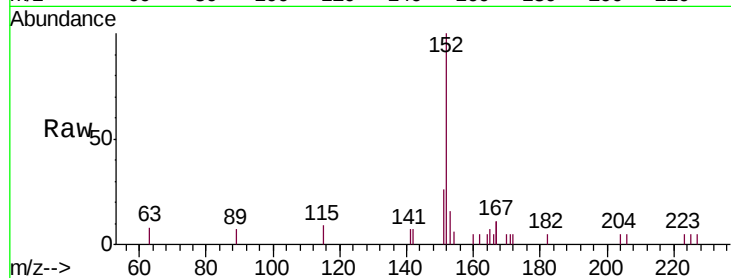




#11
 2-Methylnaphthalene-d10
 Concen: 0.349 ng
 RT: 12.09 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BE101101.D
 Acq: 20 Jan 2020 14:26

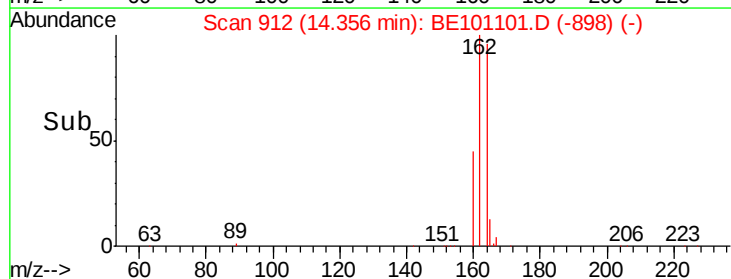
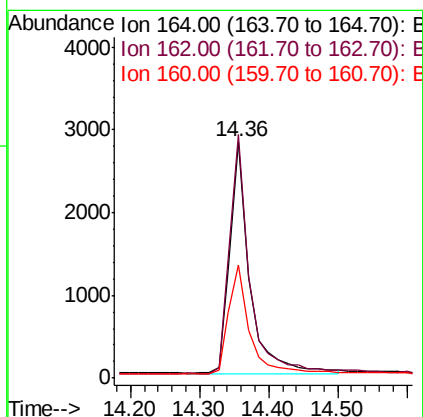
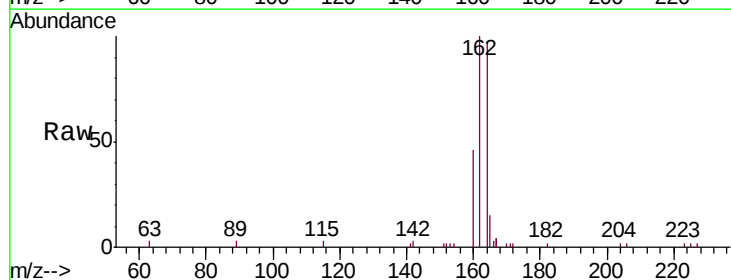
Instrument :
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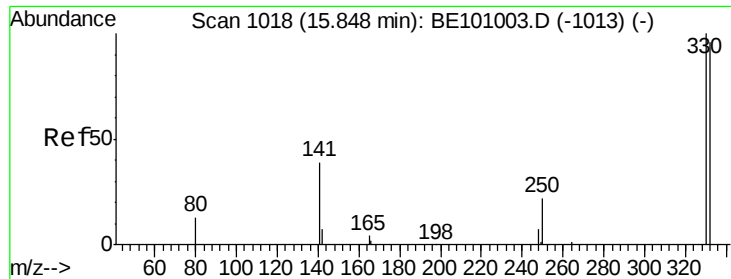
Tgt Ion:152 Resp: 4935
 Ion Ratio Lower Upper
 152 100
 151 21.7 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BE101101.D
 Acq: 20 Jan 2020 14:26

Tgt Ion:164 Resp: 5570
 Ion Ratio Lower Upper
 164 100
 162 103.0 84.1 126.1
 160 47.6 40.4 60.6

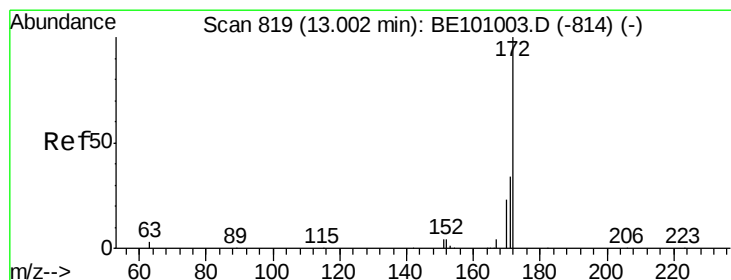
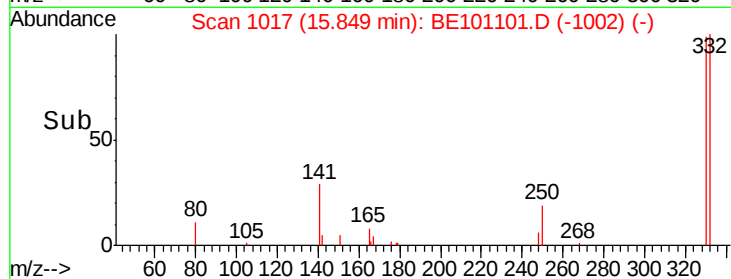
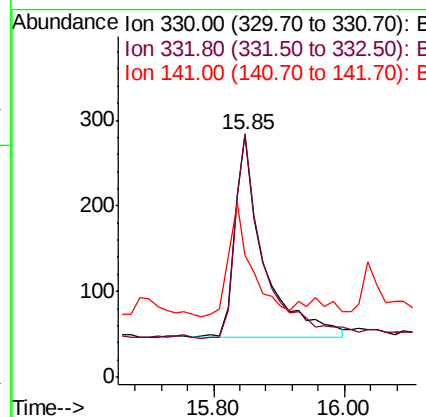
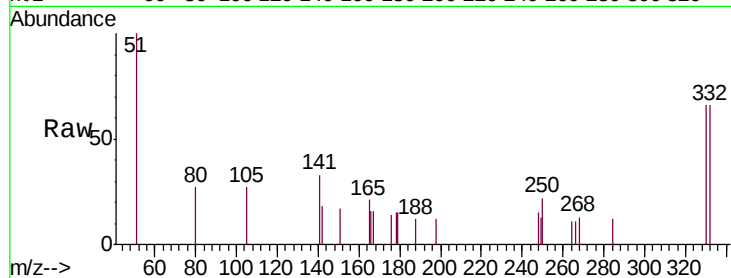




#14
 2,4,6-Tribromophenol
 Concen: 0.462 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101101.D
 Acq: 20 Jan 2020 14:26

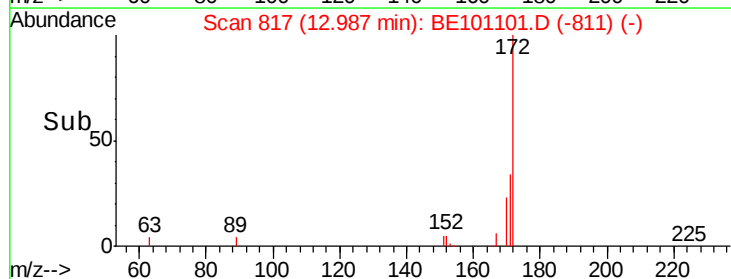
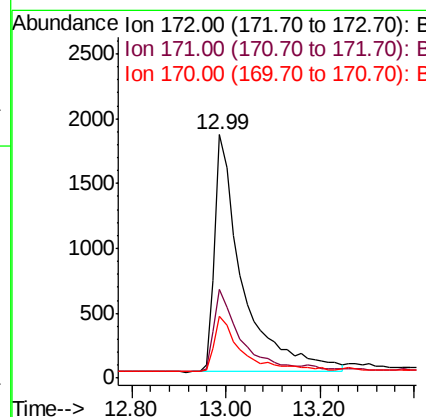
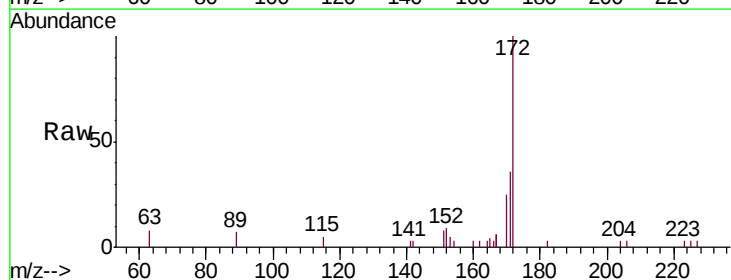
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-200113

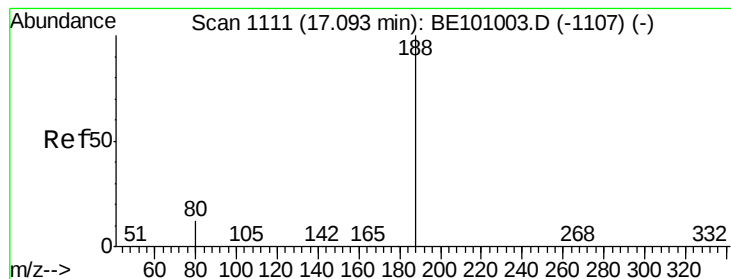
Tgt Ion:330 Resp: 727
 Ion Ratio Lower Upper
 330 100
 332 99.9 78.4 117.6
 141 45.8 37.0 55.4



#15
 2-Fluorobiphenyl
 Concen: 0.357 ng
 RT: 12.99 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BE101101.D
 Acq: 20 Jan 2020 14:26

Tgt Ion:172 Resp: 7553
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.2 42.2
 170 25.5 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: BE101101.D

Acq: 20 Jan 2020 14:26

Instrument :

BNA_E

ClientSampleId :

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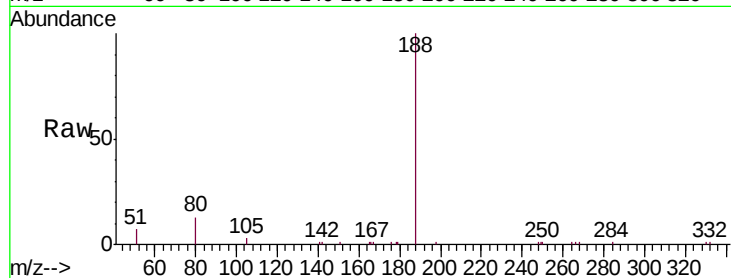
Tgt Ion:188 Resp: 15359

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

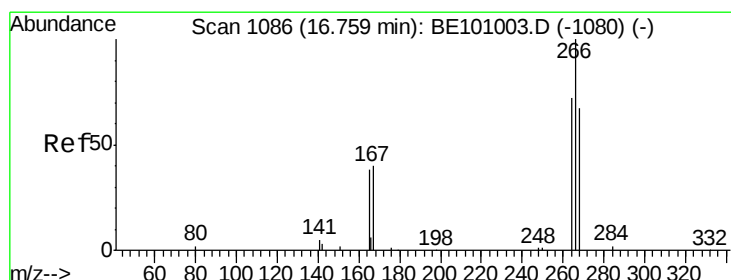
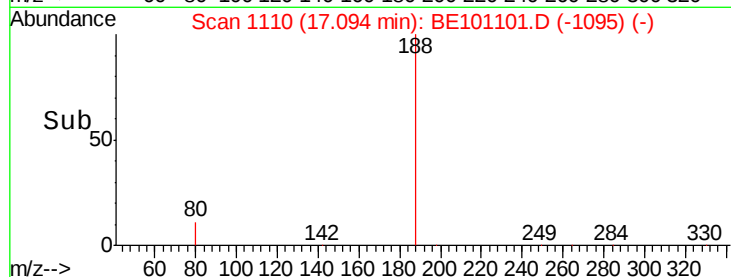
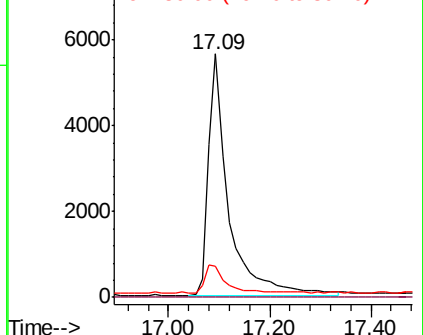
80 12.7 10.8 16.2



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: 16.73 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BE101101.D

Acq: 20 Jan 2020 14:26

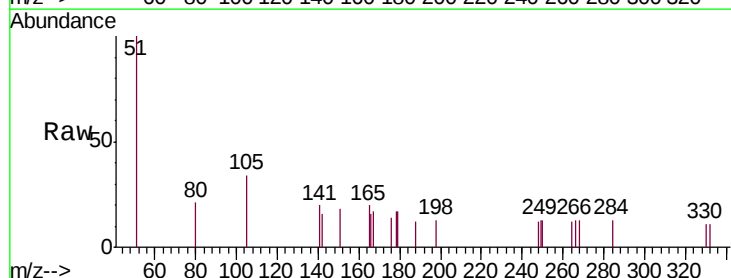
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 96.2 61.0 91.4#

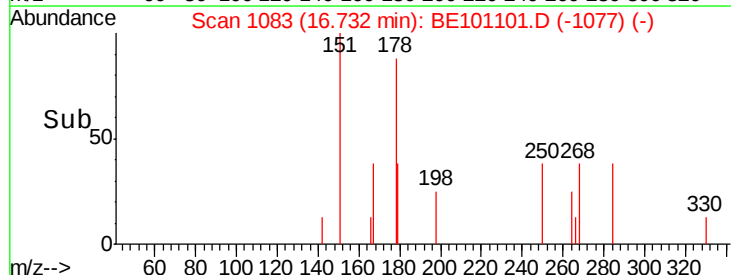
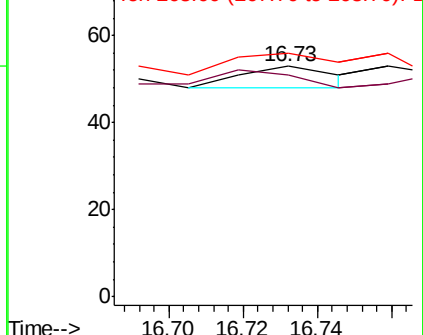
268 105.7 58.5 87.7#

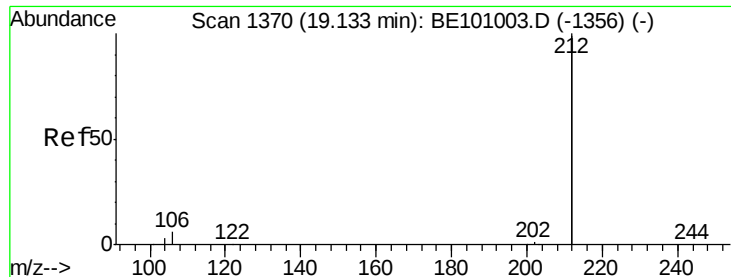


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

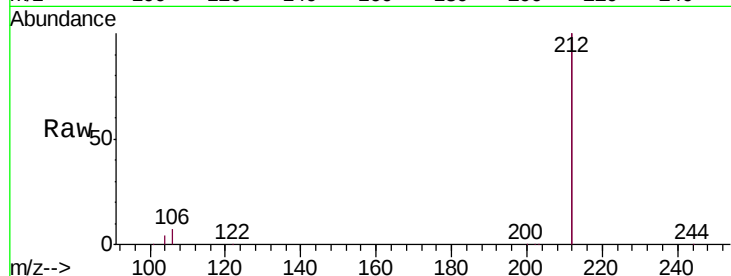




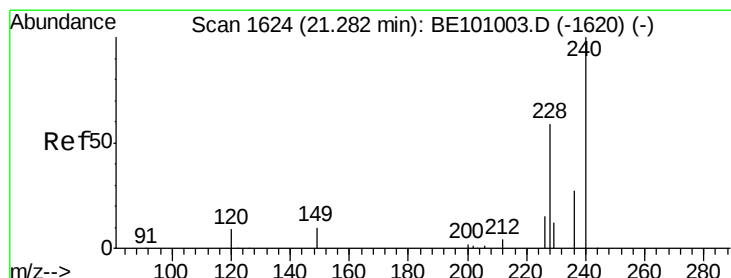
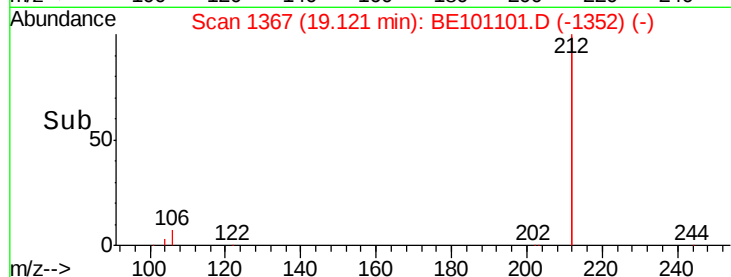
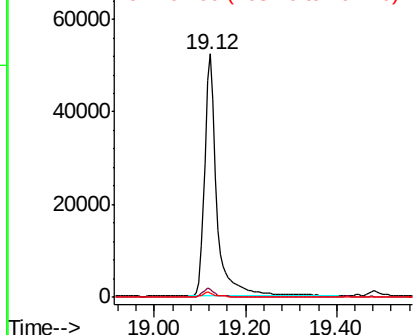
#25
 Fluoranthene-d10
 Concen: 0.454 ng
 RT: 19.12 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BE101101.D
 Acq: 20 Jan 2020 14:26

Instrument :
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 ClientSampleId :
 KY038PS038-200113

Tgt Ion:212 Resp: 96844
 Ion Ratio Lower Upper
 212 100
 106 3.5 2.6 3.8
 104 2.0 1.4 2.0

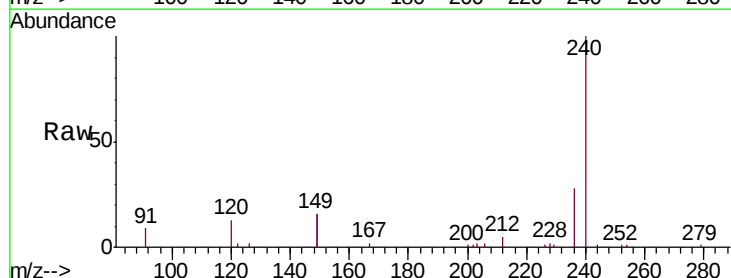


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

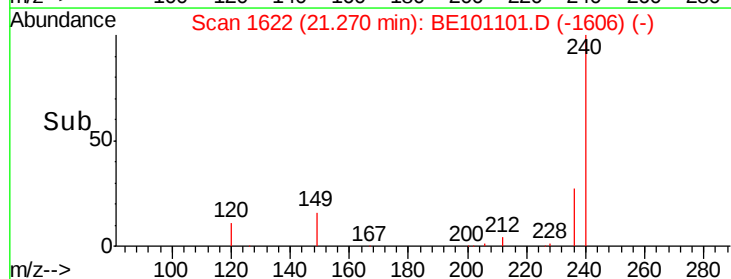
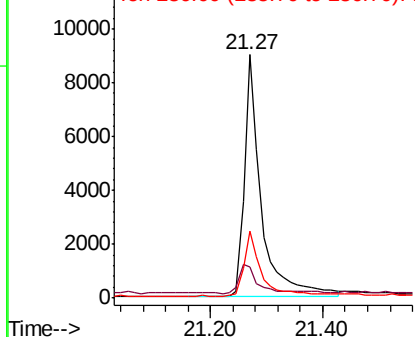


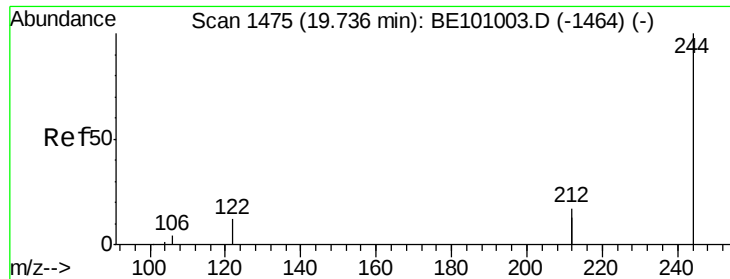
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BE101101.D
 Acq: 20 Jan 2020 14:26

Tgt Ion:240 Resp: 18838
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.6 13.0
 236 27.5 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: 0.460 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101101.D

Acq: 20 Jan 2020 14:26

Instrument :

BNA_E

ClientSampleId :

KY038PS038-200113

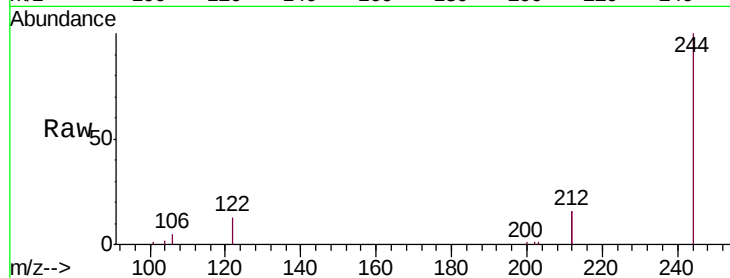
Tgt Ion:244 Resp: 21280

Ion Ratio Lower Upper

244 100

212 32.0 27.2 40.8

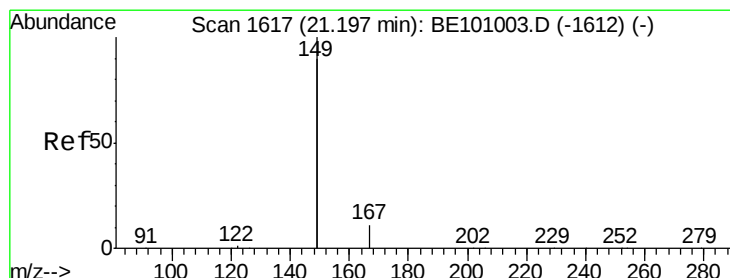
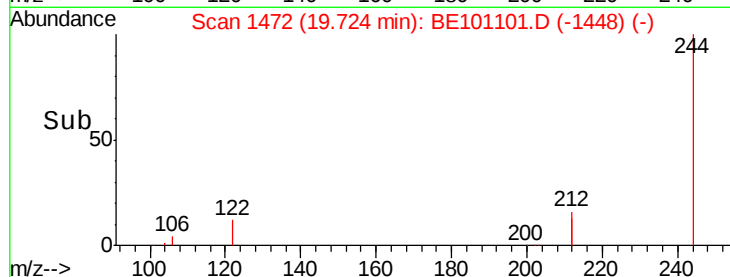
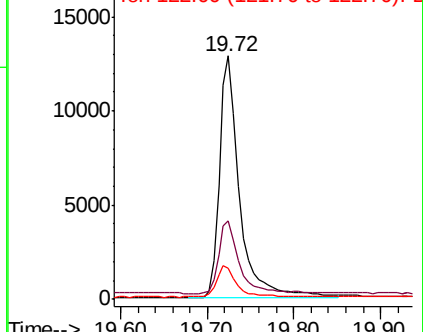
122 12.7 9.8 14.8



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: 0.307 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101101.D

Acq: 20 Jan 2020 14:26

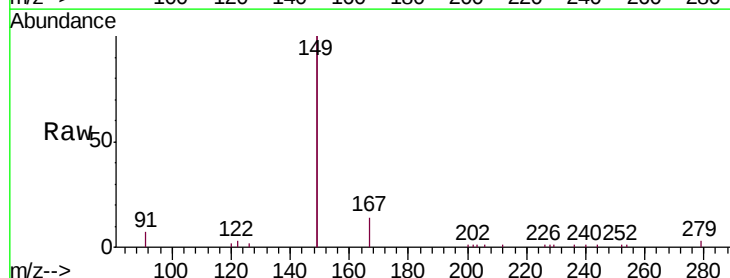
Tgt Ion:149 Resp: 27474

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

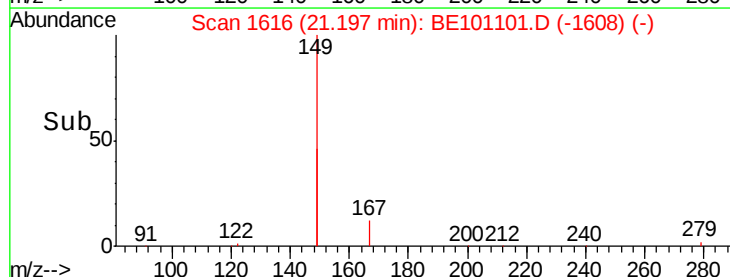
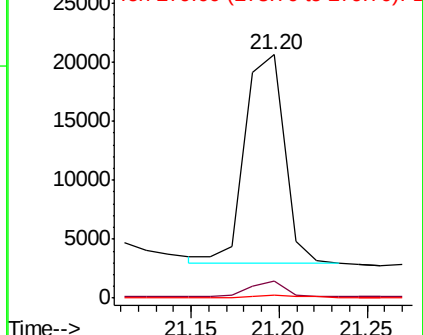
279 0.9 0.8 1.2

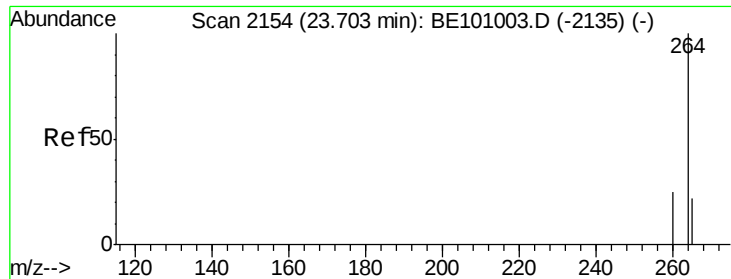


Abundance Ion 149.00 (148.70 to 149.70): E

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. -0.01 min

Lab File: BE101101.D

Acq: 20 Jan 2020 14:26

Instrument :

BNA_E

ClientSampleId :

KY038PS038-200113

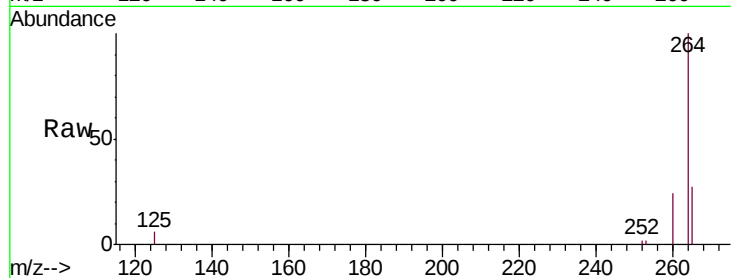
Tgt Ion:264 Resp: 22592

Ion Ratio Lower Upper

264 100

260 24.0 20.3 30.5

265 26.6 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

