

Data File : BE101064.D
Acq On : 15 Jan 2020 19:07
Operator : JU
Sample : L1116-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS038-200113

Quant Time: Jan 16 04:15:01 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	7.73	152	3029	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	12688	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7537	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	16016	0.40	ng	0.00
27) Chrysene-d12	21.27	240	15371	0.40	ng	-0.01
34) Perylene-d12	23.69	264	19513	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1258	0.18	ng	0.00
5) Phenol-d6	6.91	99	938	0.11	ng	0.00
8) Nitrobenzene-d5	8.87	82	3681	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	7491	0.31	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	860	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	11391	0.40	ng	-0.01
25) Fluoranthene-d10	19.12	212	83754	0.38	ng	-0.01
29) Terphenyl-d14	19.72	244	17475	0.46	ng	-0.01

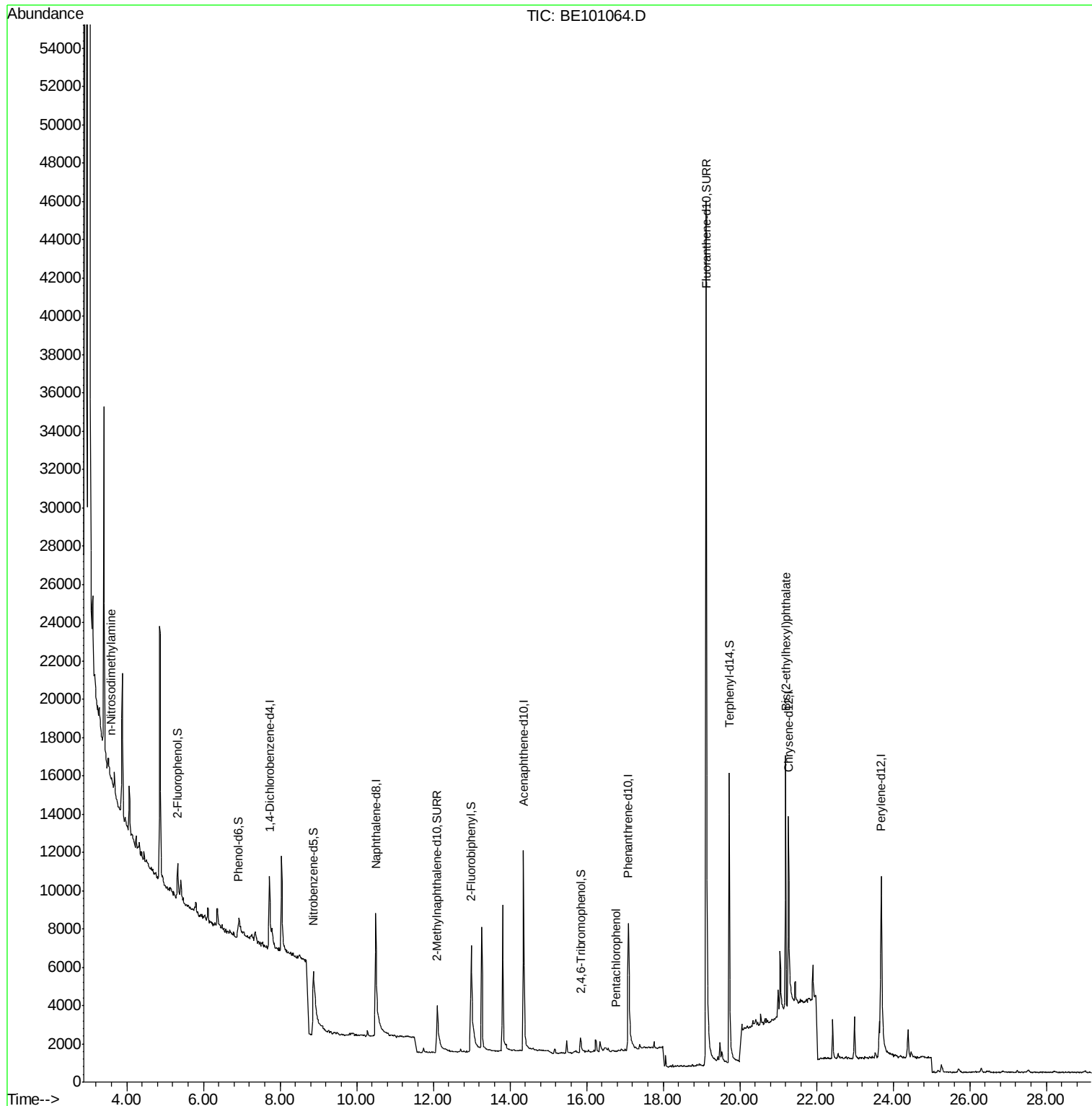
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.59	42	116	0.028	ng	# 1
22) Pentachlorophenol	16.76	266	9	0.253	ng	# 75
32) Bis(2-ethylhexyl)phthalate	21.20	149	14806	0.203	ng	# 100

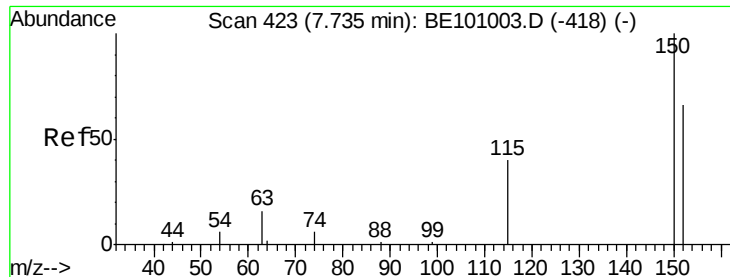
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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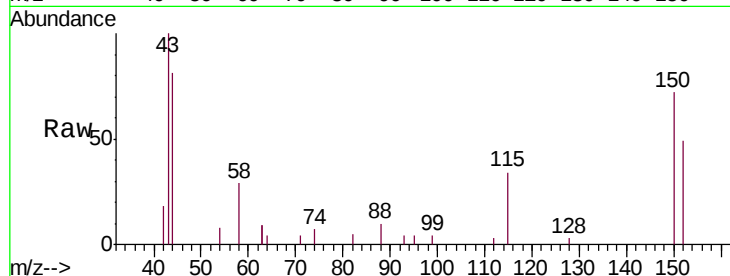


#1

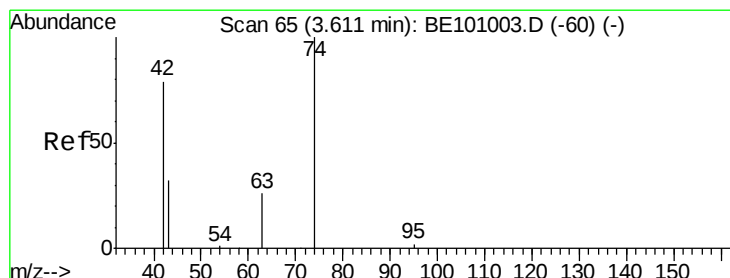
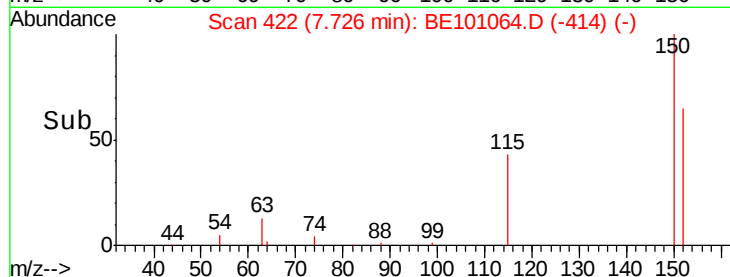
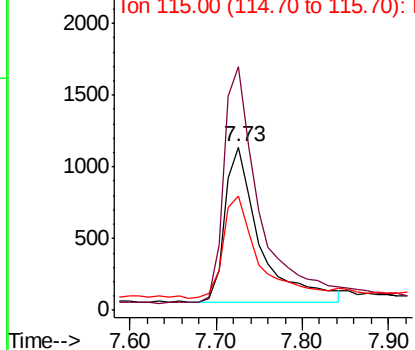
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101064.D
Acq: 15 Jan 2020 19:07

Instrument :
BNA_E
ClientSampleId :
KY038PS038-200113

Tgt Ion:152 Resp: 3029
Ion Ratio Lower Upper
152 100
150 148.9 120.3 180.5
115 70.3 51.7 77.5



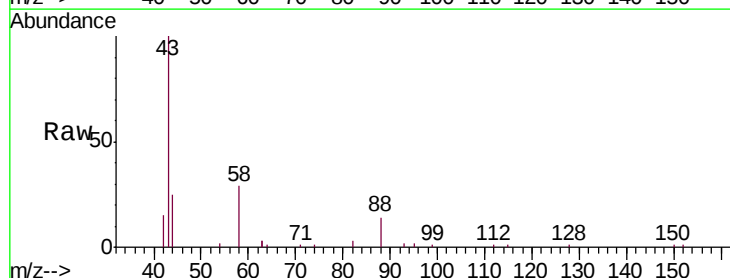
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



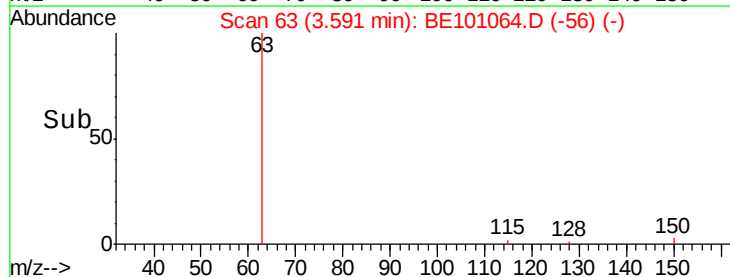
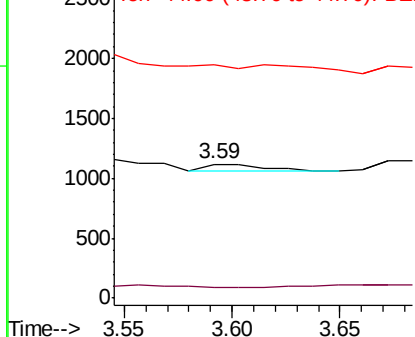
#3

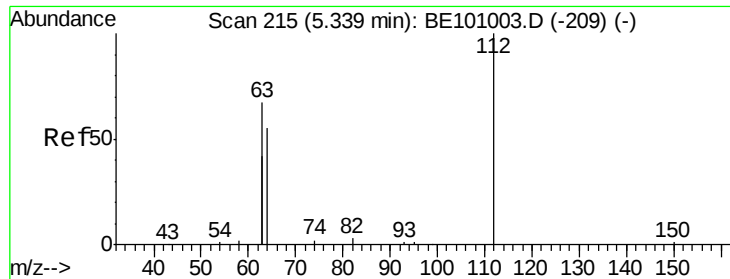
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.02 min
Lab File: BE101064.D
Acq: 15 Jan 2020 19:07

Tgt Ion: 42 Resp: 116
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: 0.185 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101064.D

Acq: 15 Jan 2020 19:07

Instrument :

BNA_E

ClientSampleId :

KY038PS038-200113

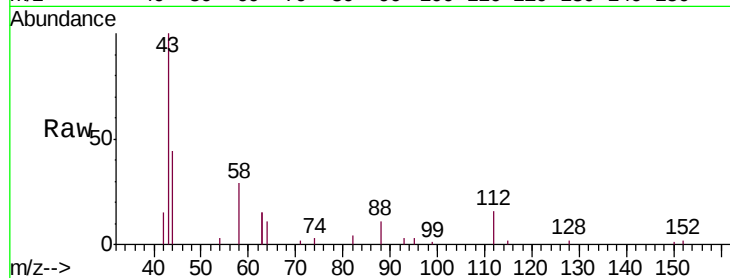
Tgt Ion: 112 Resp: 1258

Ion Ratio Lower Upper

112 100

64 68.2 53.6 80.4

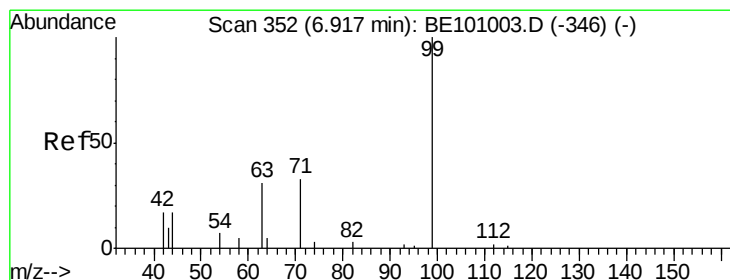
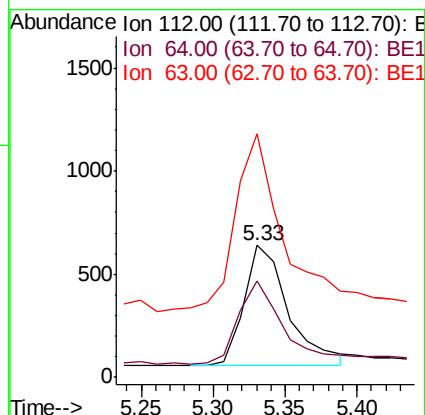
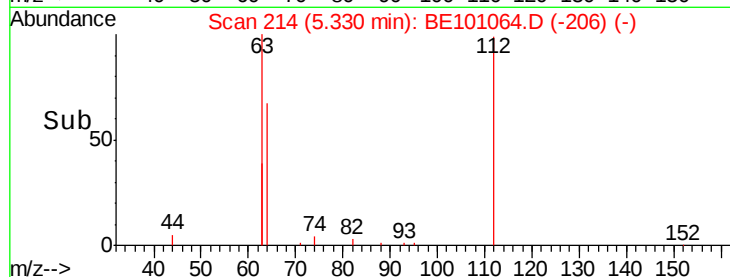
63 151.7 114.6 172.0



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: 0.109 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101064.D

Acq: 15 Jan 2020 19:07

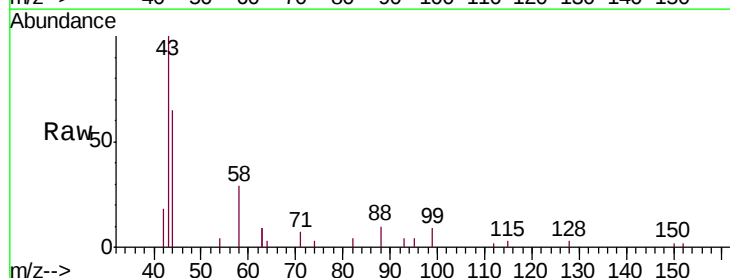
Tgt Ion: 99 Resp: 938

Ion Ratio Lower Upper

99 100

42 34.2 18.3 27.5#

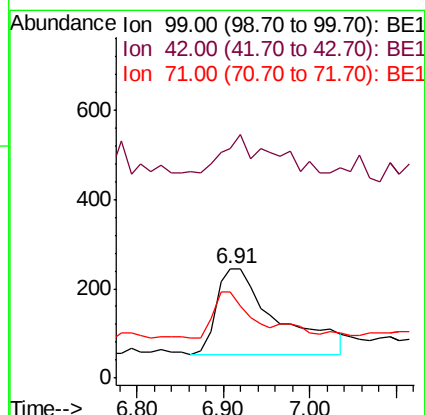
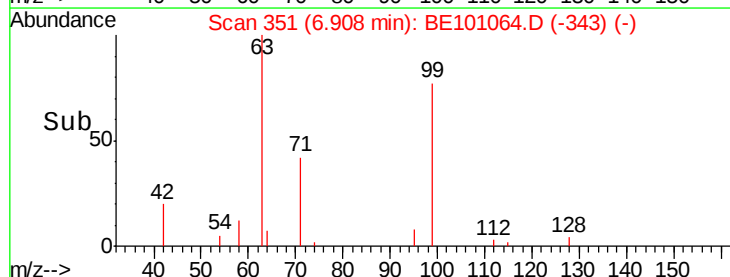
71 30.4 28.0 42.0

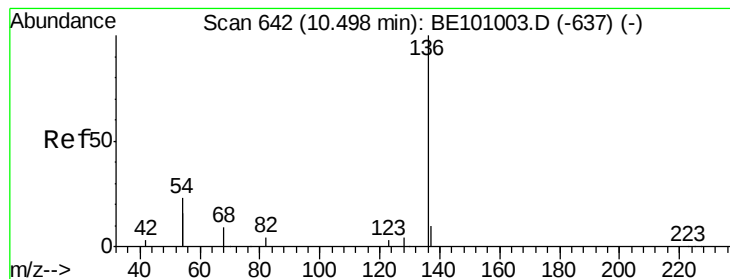


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE101064.D

Acq: 15 Jan 2020 19:07

Instrument :

BNA_E

ClientSampleId :

KY038PS038-200113

Tgt Ion:136 Resp: 12688

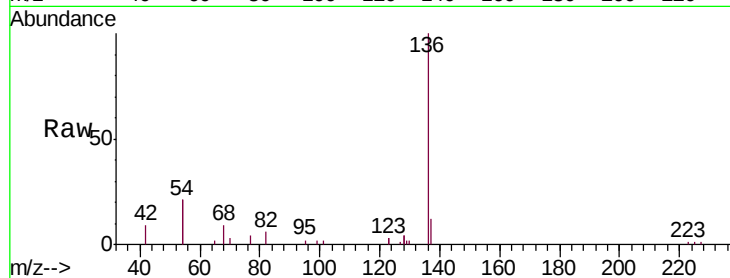
Ion Ratio Lower Upper

136 100

137 12.4 9.3 13.9

54 41.9 36.8 55.2

68 9.0 8.4 12.6

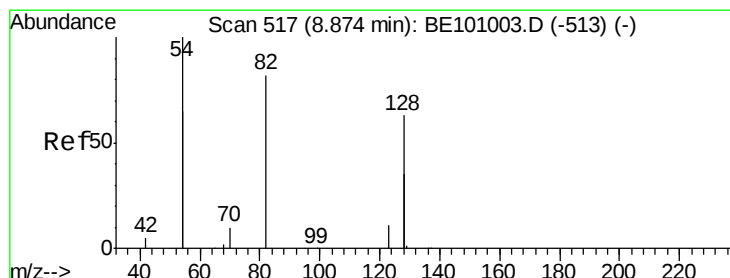
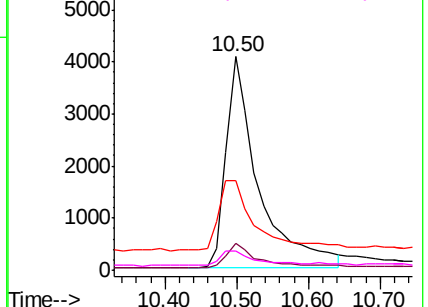
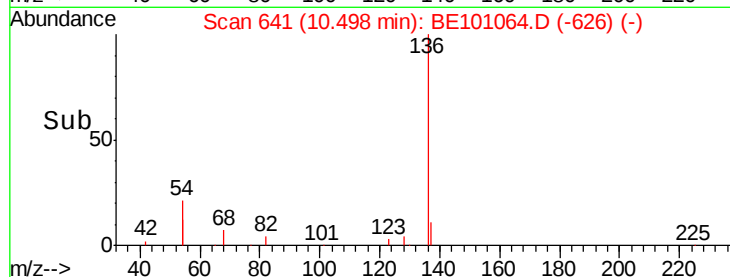


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.406 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101064.D

Acq: 15 Jan 2020 19:07

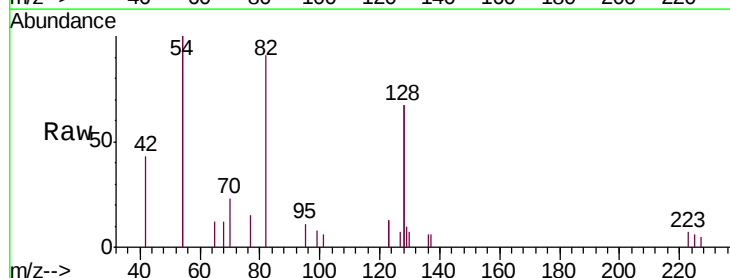
Tgt Ion: 82 Resp: 3681

Ion Ratio Lower Upper

82 100

128 147.7 109.8 164.6

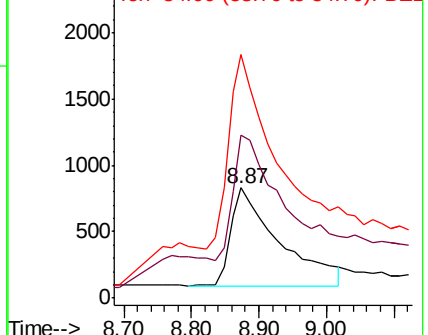
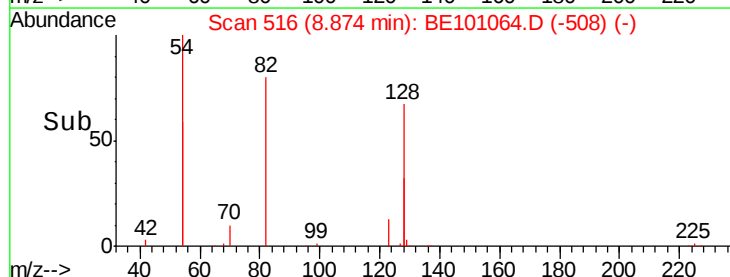
54 221.0 174.5 261.7

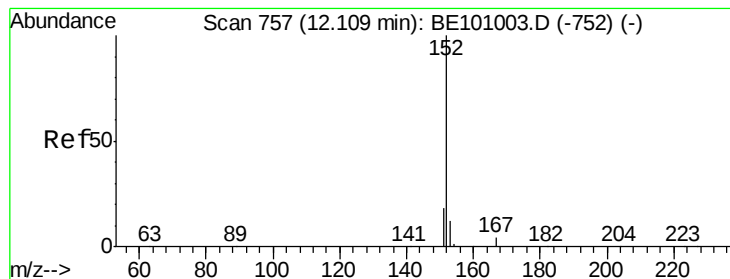


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.309 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE101064.D

Acq: 15 Jan 2020 19:07

Instrument :

BNA_E

ClientSampleId :

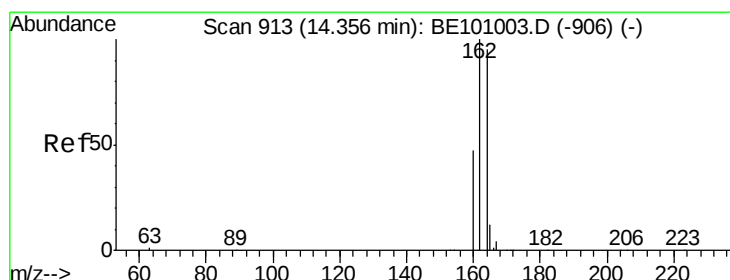
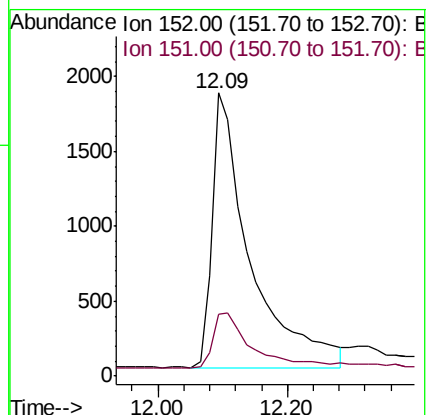
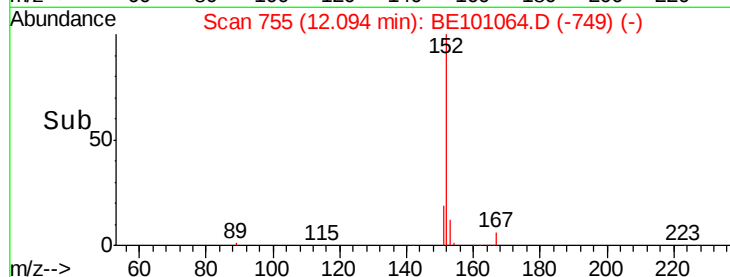
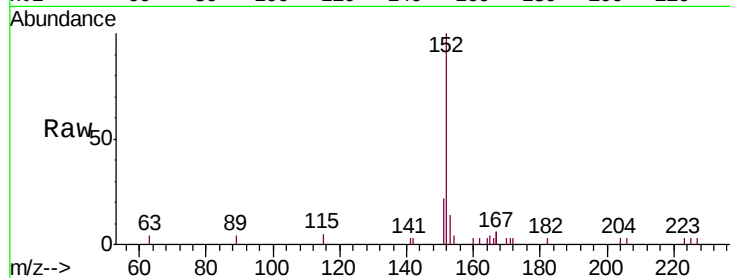
KY038PS038-200113

Tgt Ion:152 Resp: 7491

Ion Ratio Lower Upper

152 100

151 21.2 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: BE101064.D

Acq: 15 Jan 2020 19:07

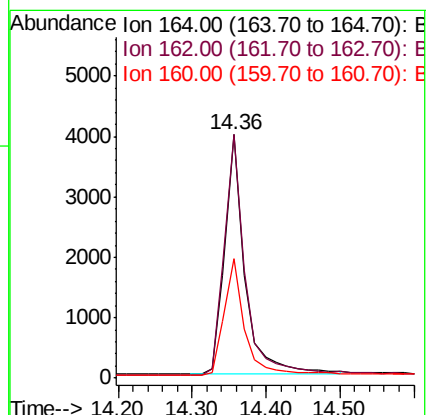
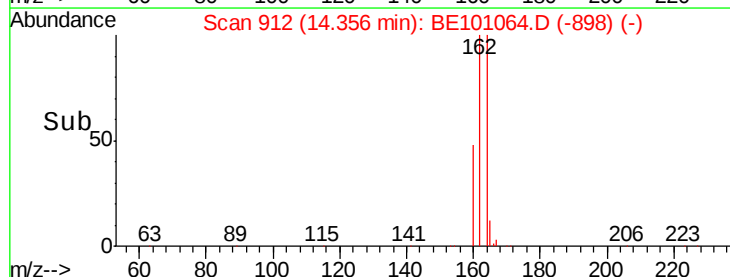
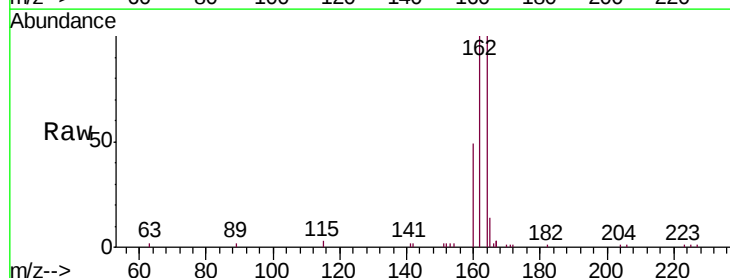
Tgt Ion:164 Resp: 7537

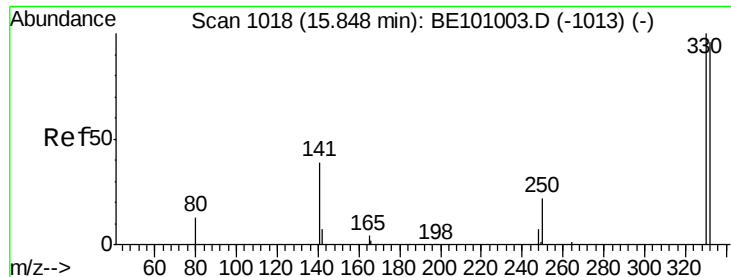
Ion Ratio Lower Upper

164 100

162 99.9 84.1 126.1

160 48.8 40.4 60.6

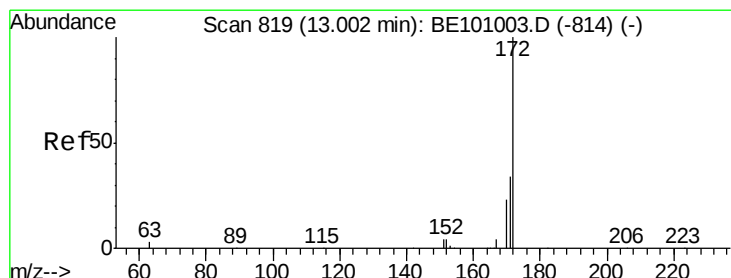
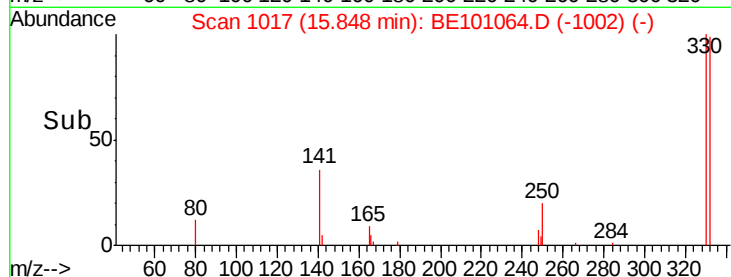
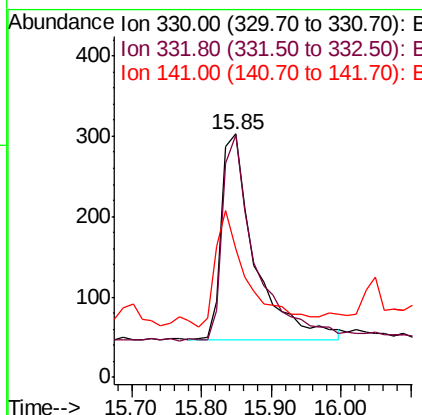
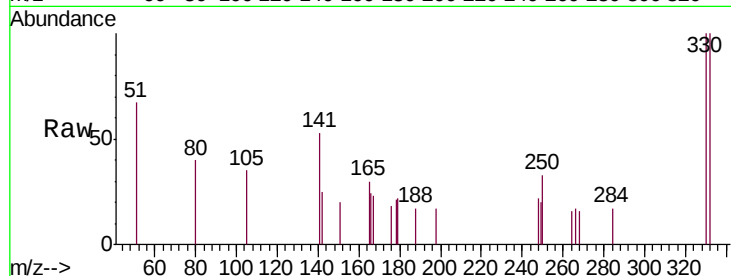




#14
 2,4,6-Tribromophenol
 Concen: 0.404 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BE101064.D
 Acq: 15 Jan 2020 19:07

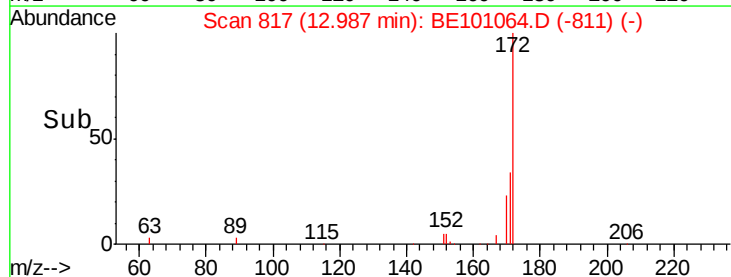
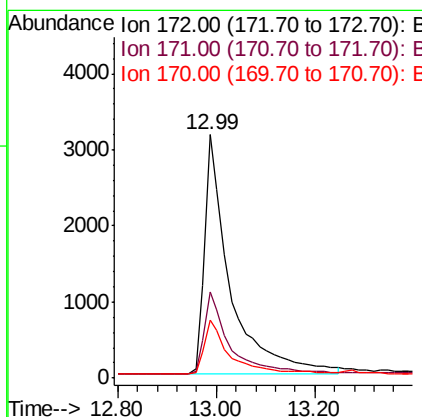
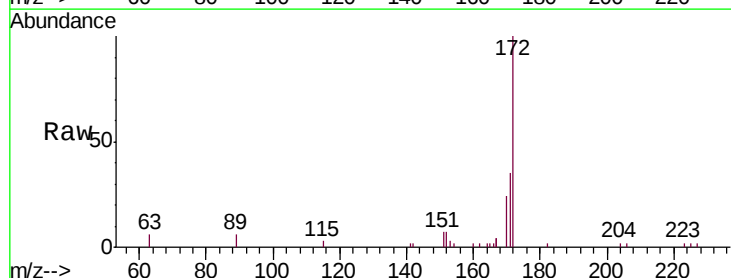
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-200113

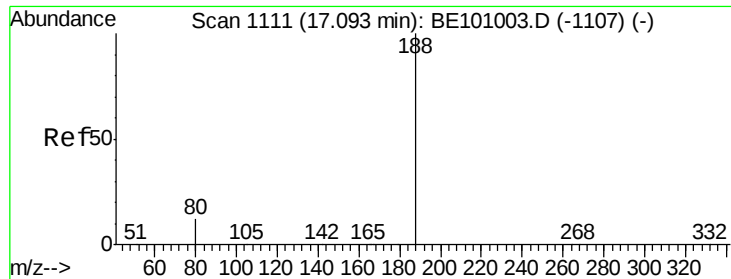
Tgt Ion:330 Resp: 860
 Ion Ratio Lower Upper
 330 100
 332 99.5 78.4 117.6
 141 55.5 37.0 55.4#



#15
 2-Fluorobiphenyl
 Concen: 0.398 ng
 RT: 12.99 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BE101064.D
 Acq: 15 Jan 2020 19:07

Tgt Ion:172 Resp: 11391
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.2 42.2
 170 23.9 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: BE101064.D

Acq: 15 Jan 2020 19:07

Instrument :

BNA_E

ClientSampleId :

KY038PS038-200113

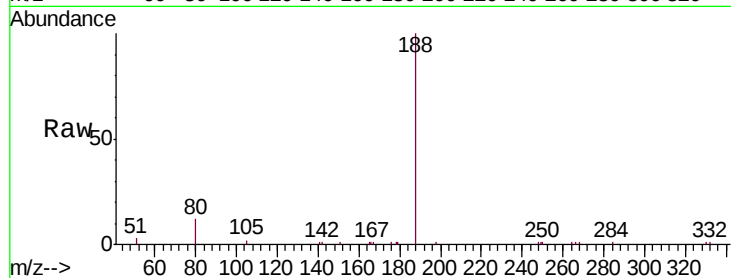
Tgt Ion:188 Resp: 16016

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

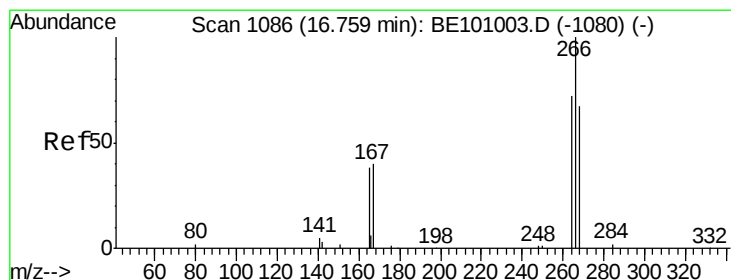
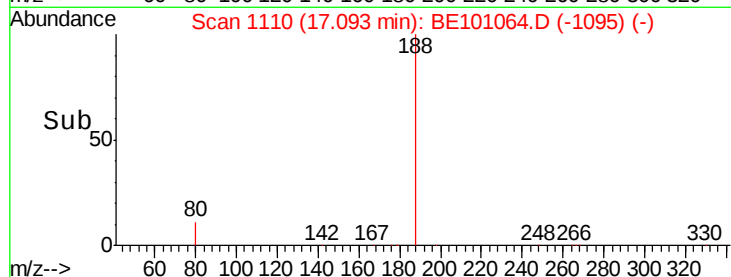
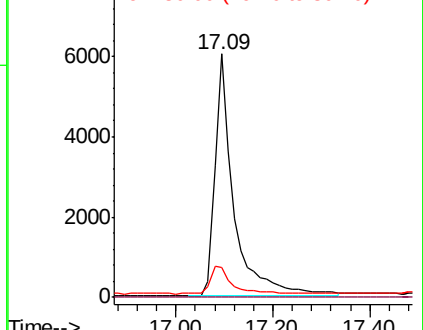
80 12.0 10.8 16.2



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: BE101064.D

Acq: 15 Jan 2020 19:07

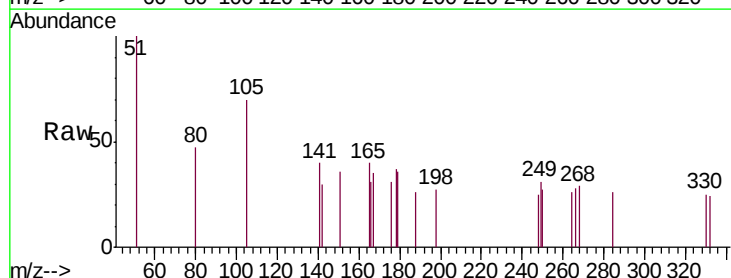
Tgt Ion:266 Resp: 9

Ion Ratio Lower Upper

266 100

264 90.9 61.0 91.4

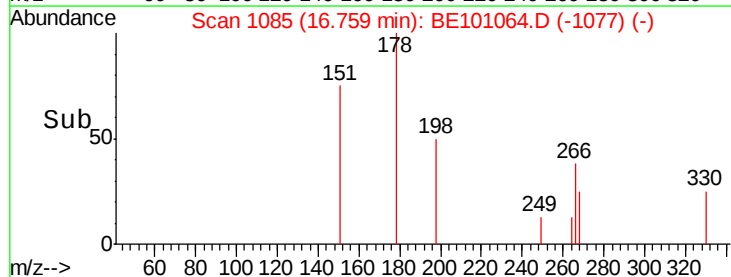
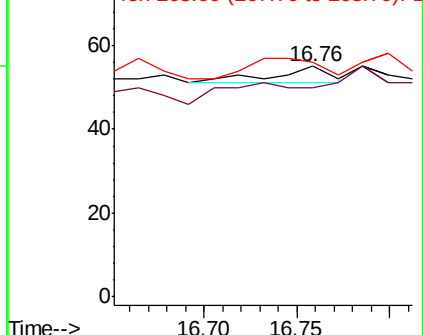
268 101.8 58.5 87.7#

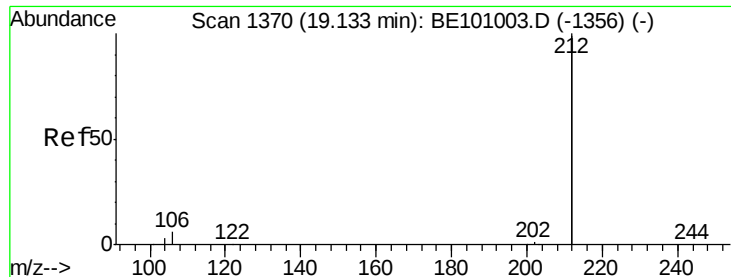


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101064.D

Acq: 15 Jan 2020 19:07

Instrument :

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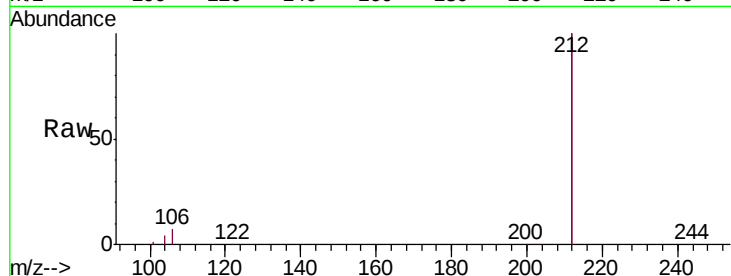
Tgt Ion:212 Resp: 83754

Ion Ratio Lower Upper

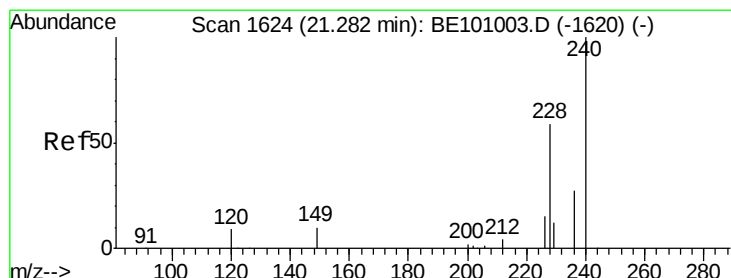
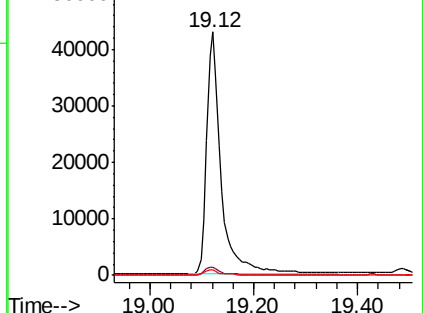
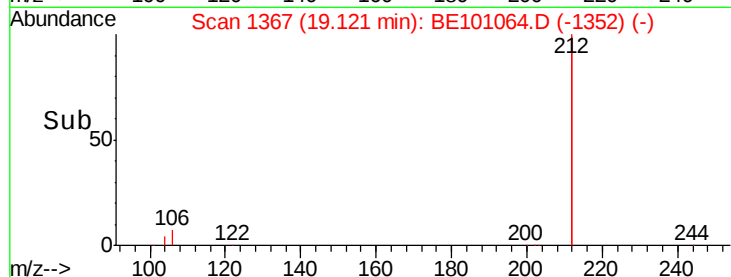
212 100

106 3.3 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: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101064.D

Acq: 15 Jan 2020 19:07

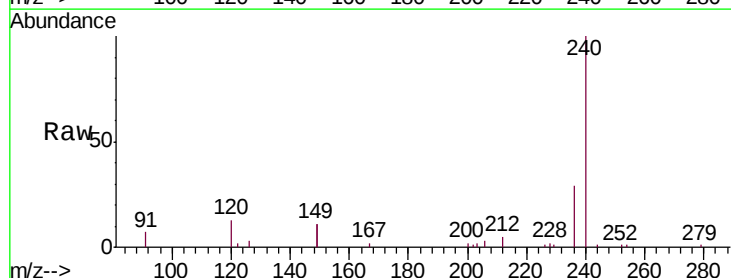
Tgt Ion:240 Resp: 15371

Ion Ratio Lower Upper

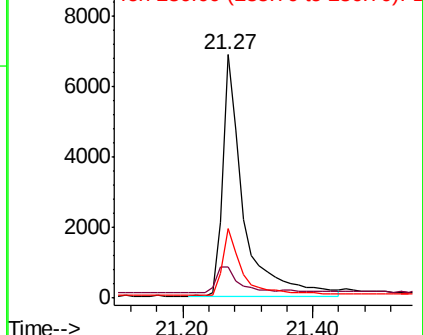
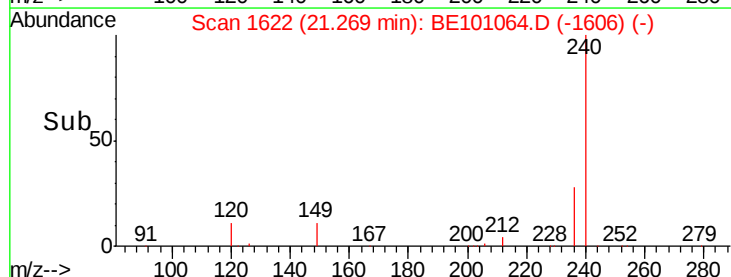
240 100

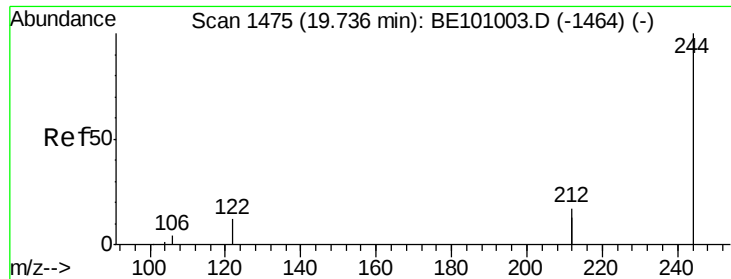
120 12.9 8.6 13.0

236 28.6 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: 0.463 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101064.D

Acq: 15 Jan 2020 19:07

Instrument :

BNA_E

ClientSampleId :

KY038PS038-200113

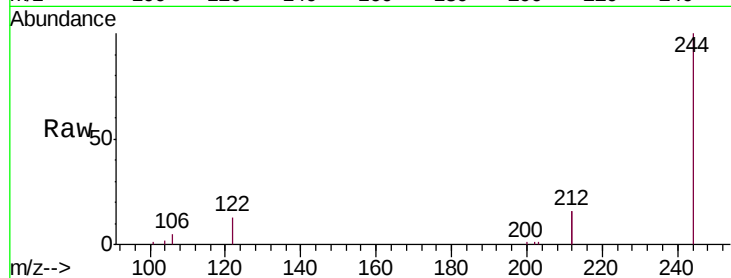
Tgt Ion:244 Resp: 17475

Ion Ratio Lower Upper

244 100

212 32.3 27.2 40.8

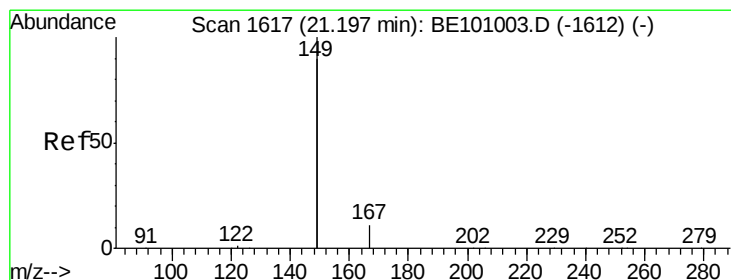
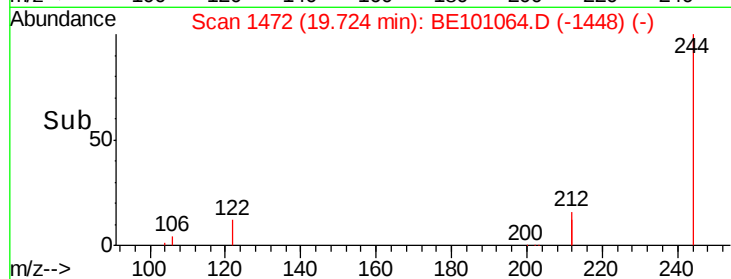
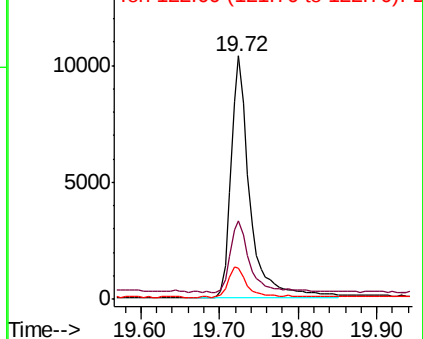
122 12.6 9.8 14.8



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: 0.203 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101064.D

Acq: 15 Jan 2020 19:07

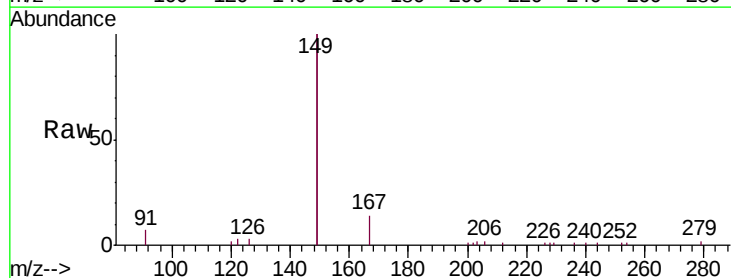
Tgt Ion:149 Resp: 14806

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

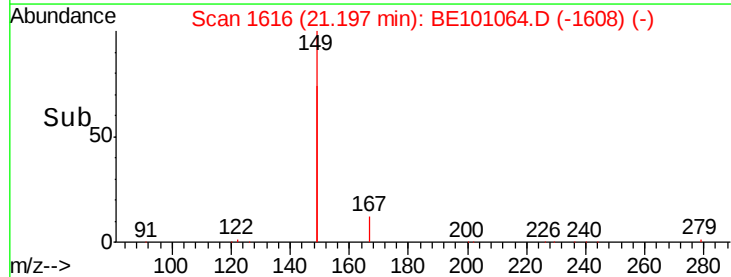
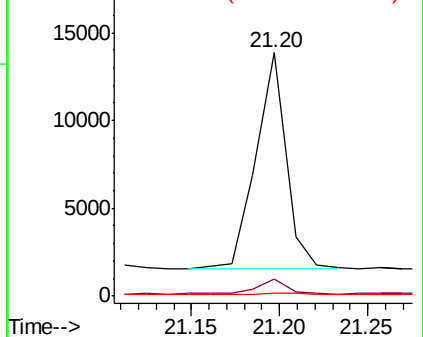
279 0.7 0.8 1.2#

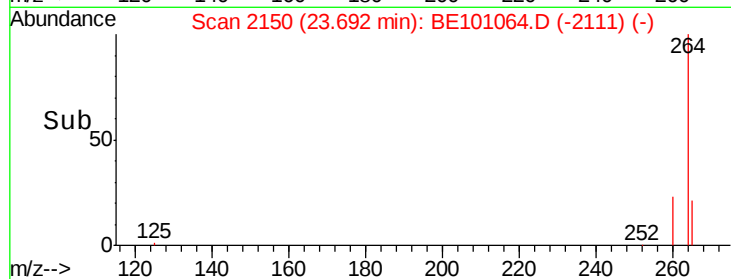
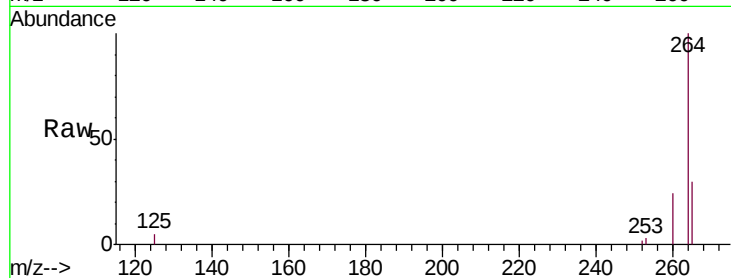
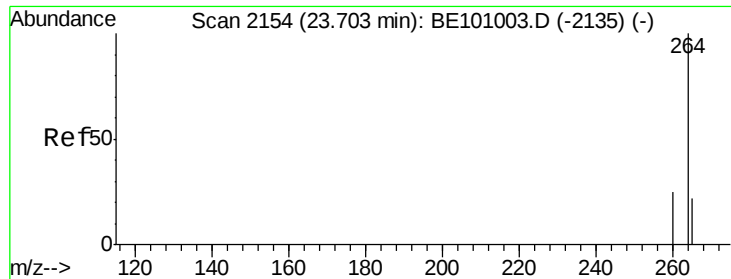


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2150

Delta R.T. -0.01 min

Lab File: BE101064.D

Acq: 15 Jan 2020 19:07

Instrument :

BNA_E

ClientSampleId :

KY038PS038-200113

Tgt Ion: 264 Resp: 19513

Ion Ratio Lower Upper

264 100

260 23.8 20.3 30.5

265 29.7 27.0 40.4

