

Data File : BE101099.D
Acq On : 20 Jan 2020 13:12
Operator : JU
Sample : L1116-02RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS027-200113

Quant Time: Jan 21 02:06:58 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	2437	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	10325	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7415	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19993	0.40	ng	0.00
27) Chrysene-d12	21.27	240	22593	0.40	ng	-0.01
34) Perylene-d12	23.69	264	26539	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	1190	0.22	ng	-0.01
5) Phenol-d6	6.91	99	728	0.10	ng	-0.01
8) Nitrobenzene-d5	8.86	82	2959	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.09	152	6716	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	1047	0.50	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	10233	0.36	ng	-0.01
25) Fluoranthene-d10	19.12	212	109685	0.40	ng	-0.01
29) Terphenyl-d14	19.72	244	27669	0.50	ng	-0.01

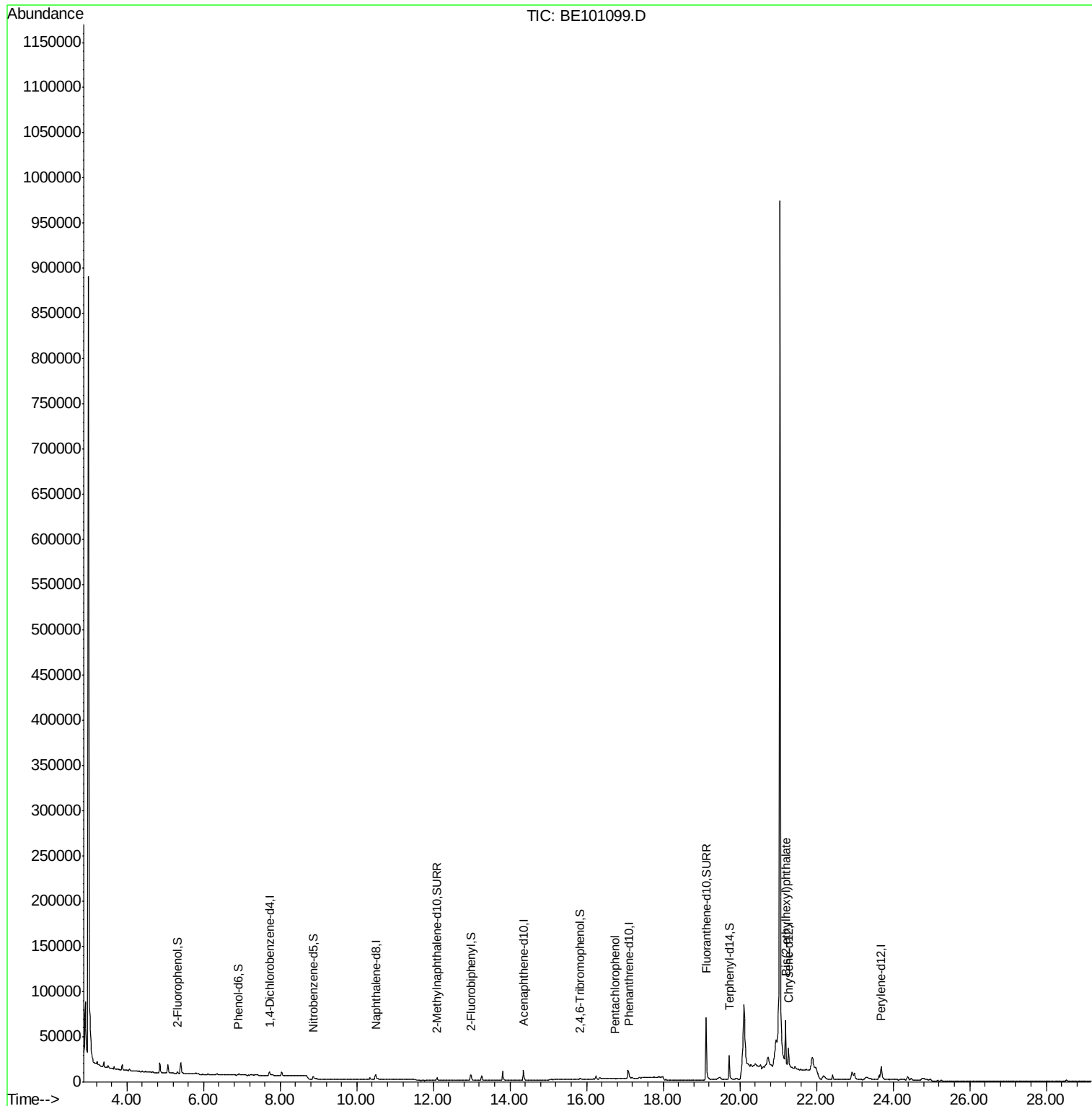
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	703	Below Cal	#	33
22) Pentachlorophenol	16.75	266	49	0.263	ng	# 36
32) Bis(2-ethylhexyl)phthalate	21.20	149	68303	0.636	ng	# 98

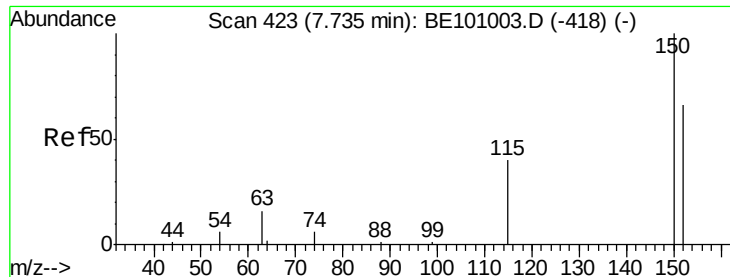
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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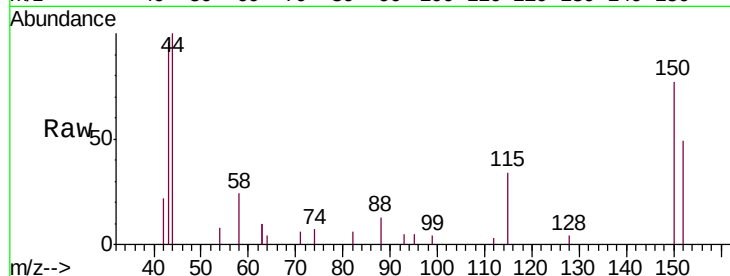


#1

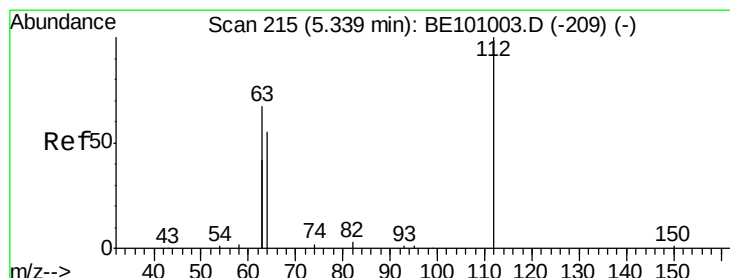
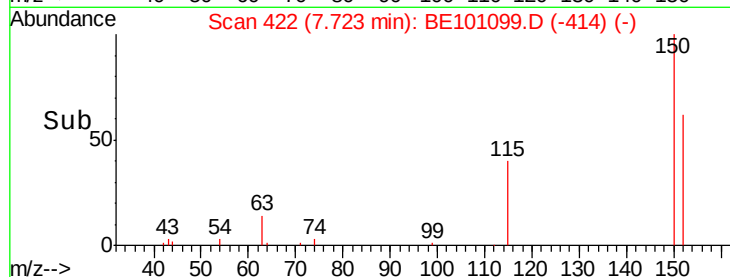
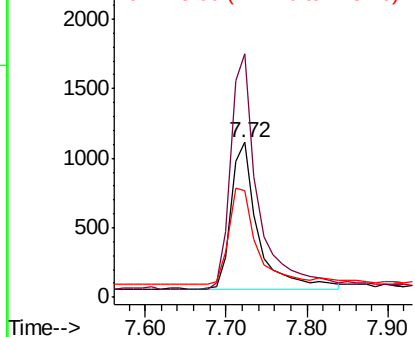
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101099.D
Acq: 20 Jan 2020 13:12

Instrument :
BNA_E
ClientSampleId :
KY038PS027-200113

Tgt Ion:152 Resp: 2437
Ion Ratio Lower Upper
152 100
150 157.2 120.3 180.5
115 69.1 51.7 77.5



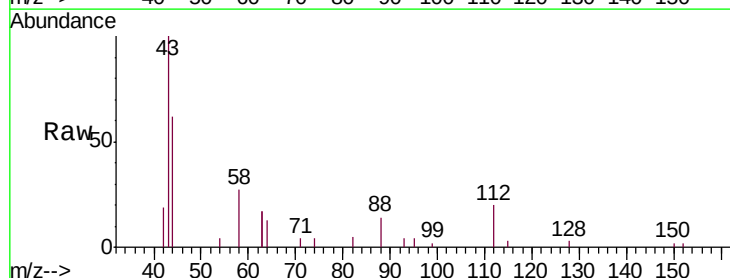
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



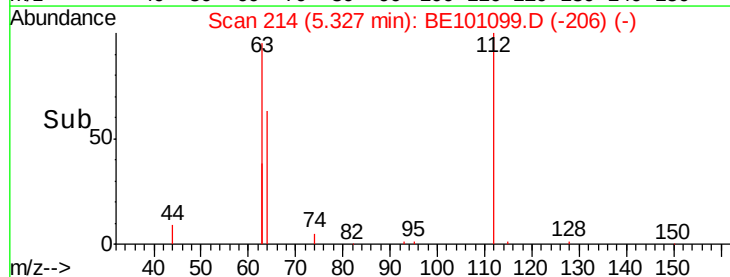
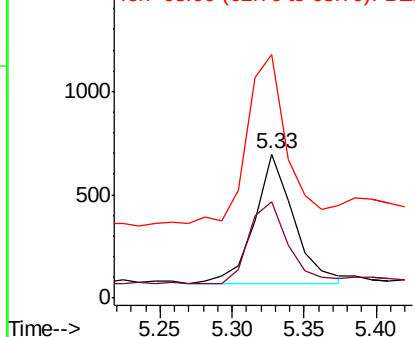
#4

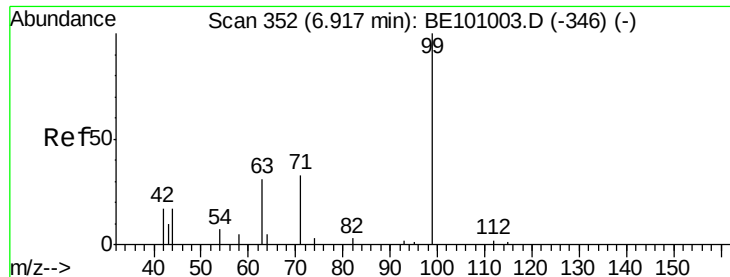
2-Fluorophenol
Concen: 0.217 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101099.D
Acq: 20 Jan 2020 13:12

Tgt Ion:112 Resp: 1190
Ion Ratio Lower Upper
112 100
64 63.2 53.6 80.4
63 130.7 114.6 172.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.105 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101099.D

Acq: 20 Jan 2020 13:12

Instrument :

BNA_E

ClientSampleId :

KY038PS027-200113

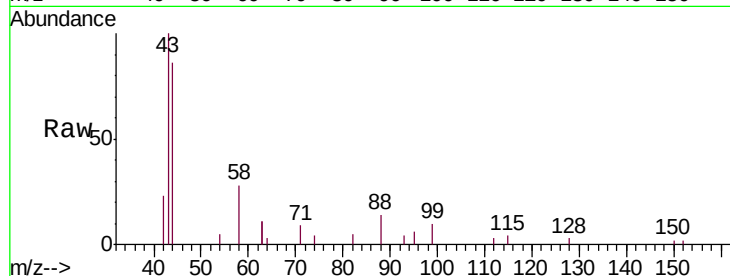
Tgt Ion: 99 Resp: 728

Ion Ratio Lower Upper

99 100

42 41.6 18.3 27.5#

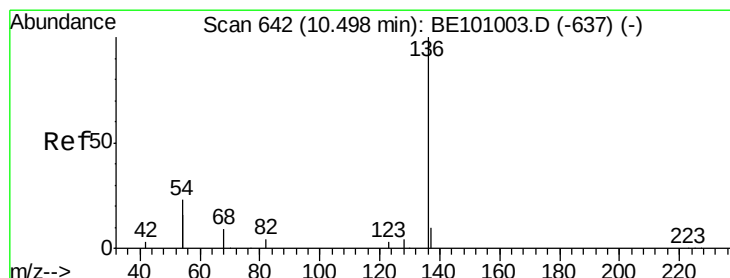
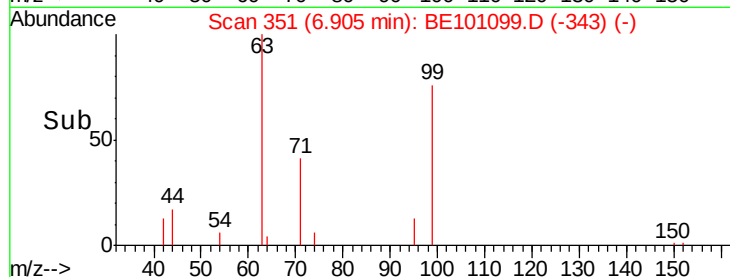
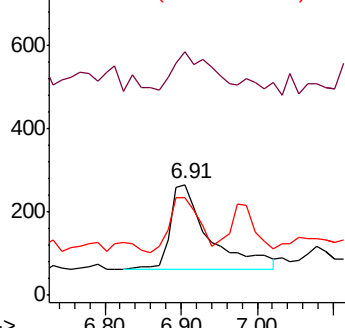
71 49.0 28.0 42.0#



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: BE101099.D

Acq: 20 Jan 2020 13:12

Tgt Ion: 136 Resp: 10325

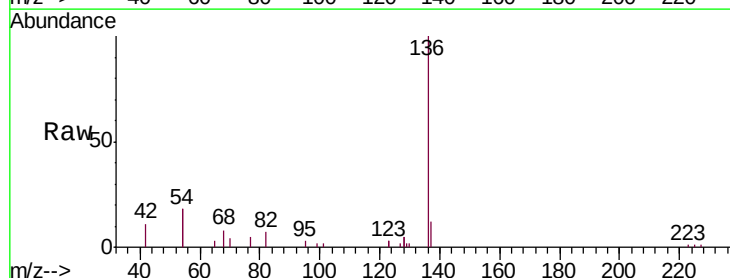
Ion Ratio Lower Upper

136 100

137 12.2 9.3 13.9

54 36.9 36.8 55.2

68 8.2 8.4 12.6#

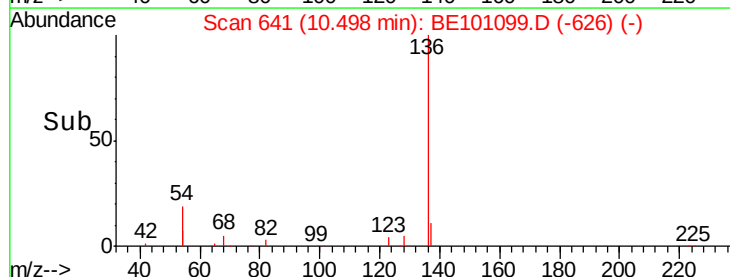
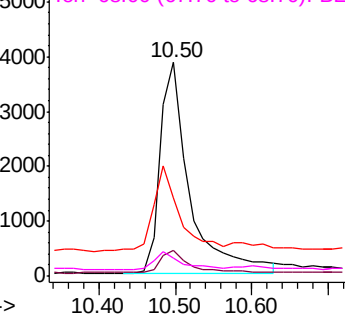


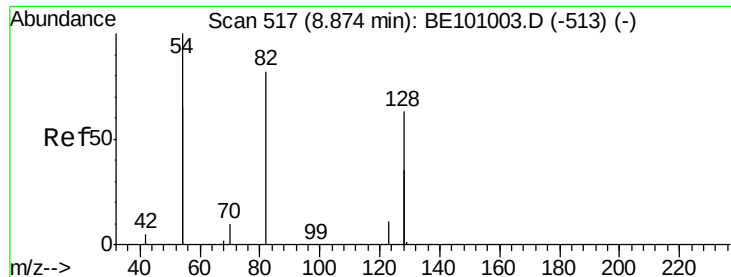
Abundance Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.401 ng

RT: 8.86 min Scan# 515

Delta R.T. -0.01 min

Lab File: BE101099.D

Acq: 20 Jan 2020 13:12

Instrument :

BNA_E

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KY038PS027-200113

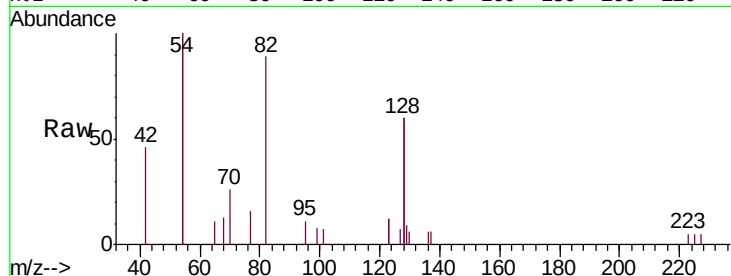
Tgt Ion: 82 Resp: 2959

Ion Ratio Lower Upper

82 100

128 134.6 109.8 164.6

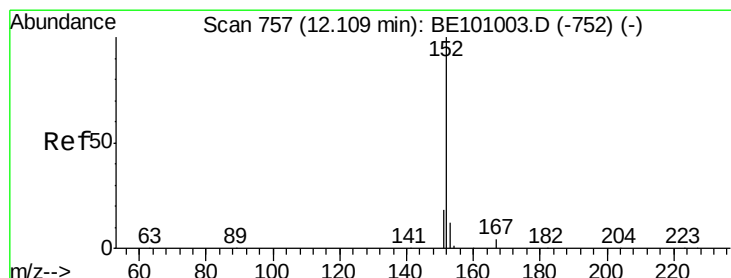
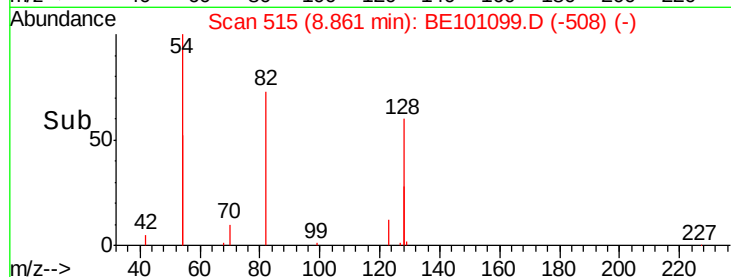
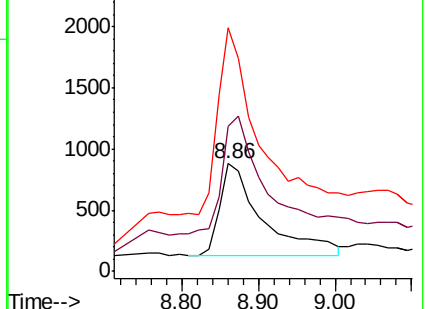
54 225.9 174.5 261.7



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.341 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE101099.D

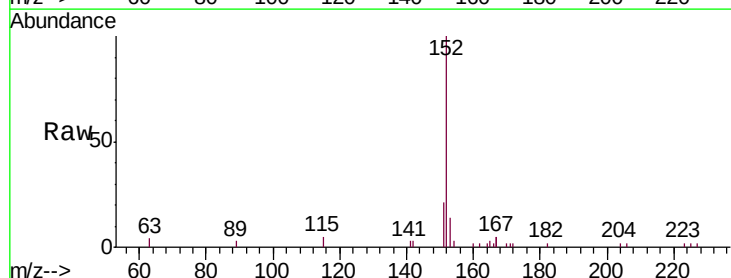
Acq: 20 Jan 2020 13:12

Tgt Ion: 152 Resp: 6716

Ion Ratio Lower Upper

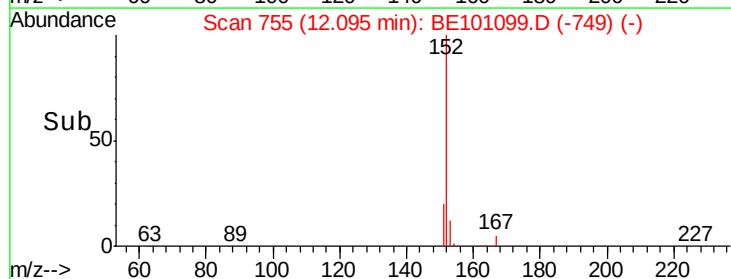
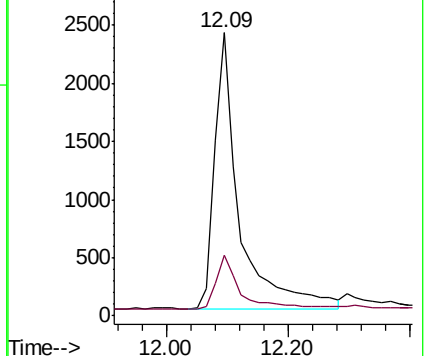
152 100

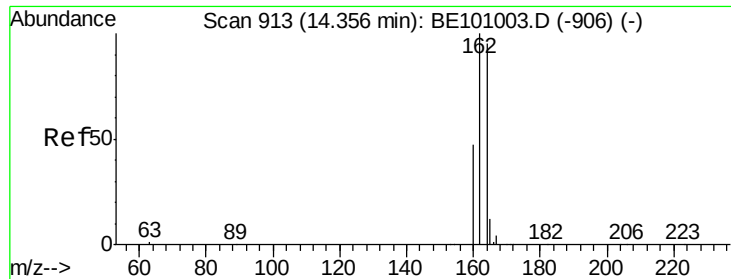
151 19.4 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 912

Delta R.T. 0.00 min

Lab File: BE101099.D

Acq: 20 Jan 2020 13:12

Instrument :

BNA_E

ClientSampleId :

KY038PS027-200113

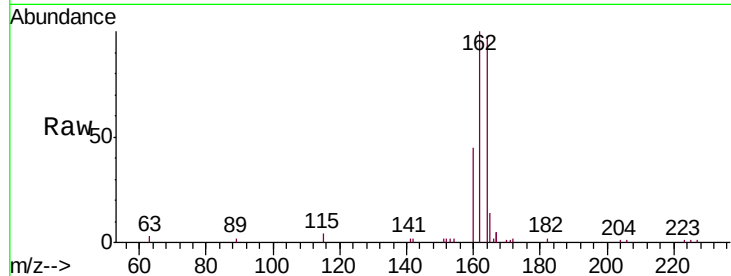
Tgt Ion:164 Resp: 7415

Ion Ratio Lower Upper

164 100

162 103.3 84.1 126.1

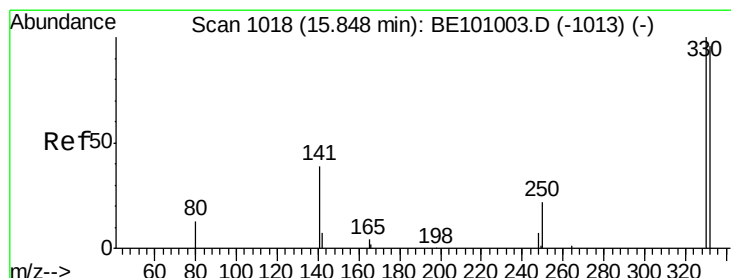
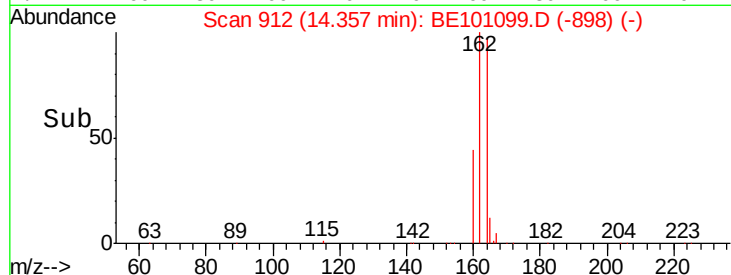
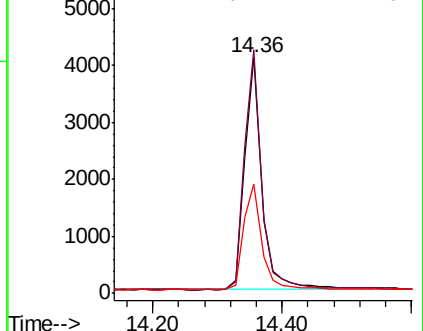
160 46.2 40.4 60.6



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: 0.500 ng

RT: 15.84 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BE101099.D

Acq: 20 Jan 2020 13:12

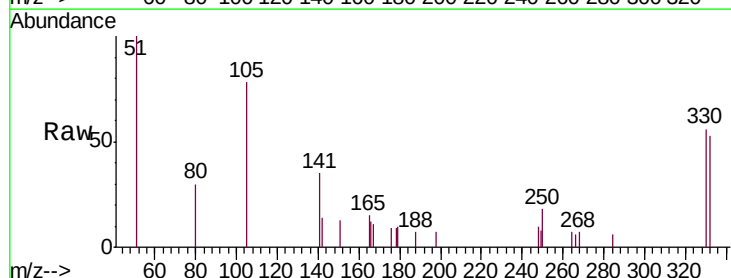
Tgt Ion:330 Resp: 1047

Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

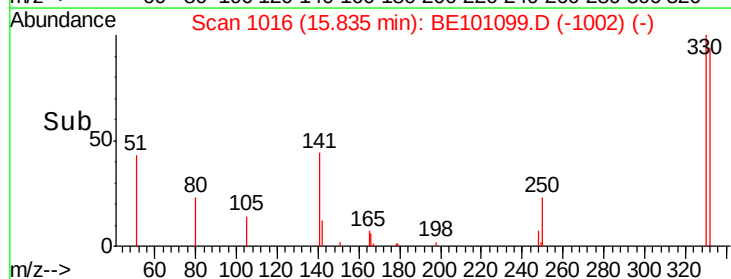
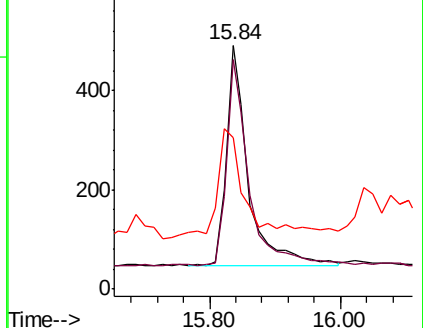
141 64.8 37.0 55.4#

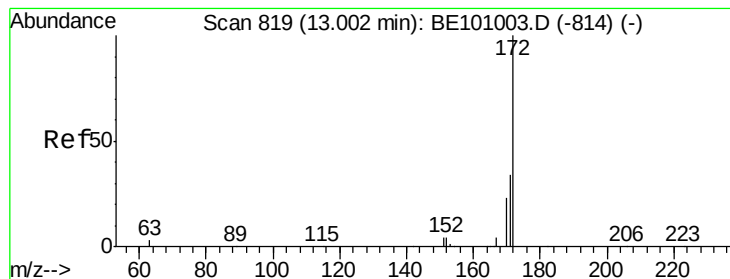


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

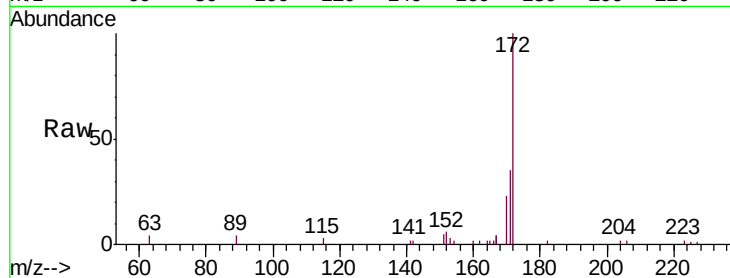




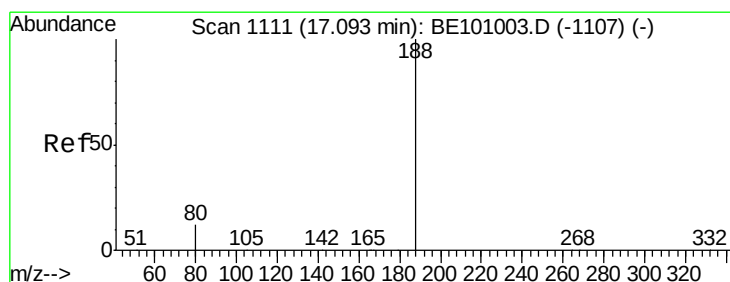
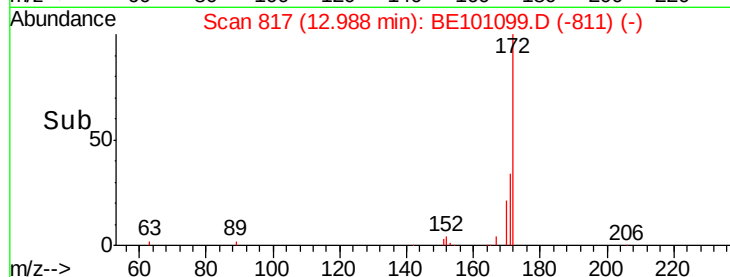
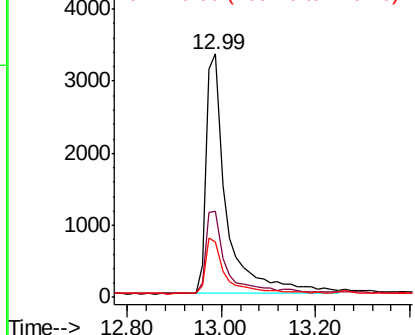
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101099.D
Acq: 20 Jan 2020 13:12

Instrument :
BNA_E
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Tgt Ion:172 Resp: 10233
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 22.7 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

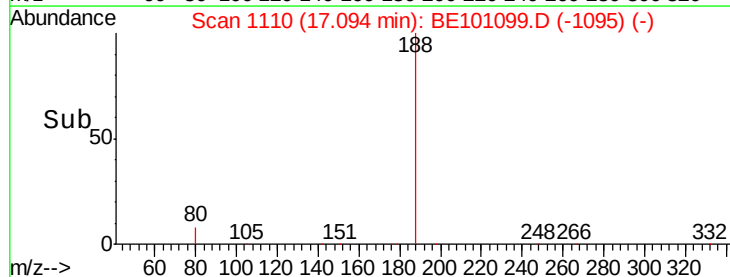
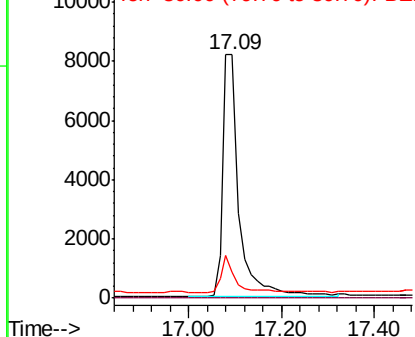


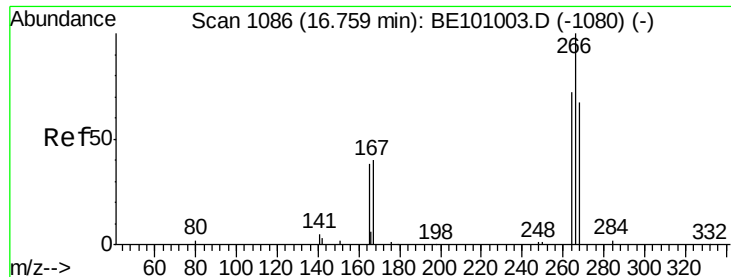
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101099.D
Acq: 20 Jan 2020 13:12

Tgt Ion:188 Resp: 19993
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 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: 0.263 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE101099.D

Acq: 20 Jan 2020 13:12

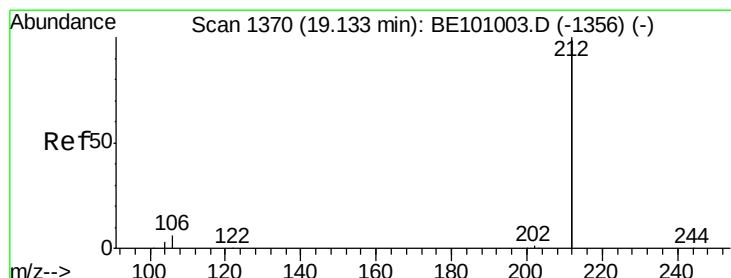
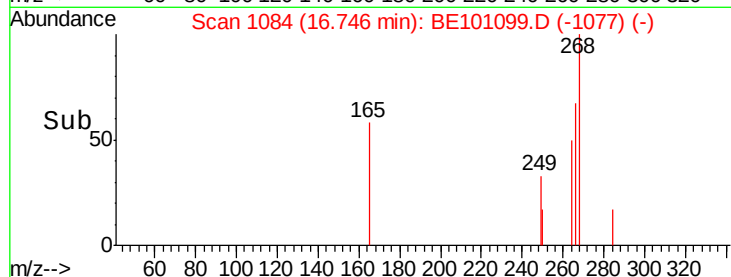
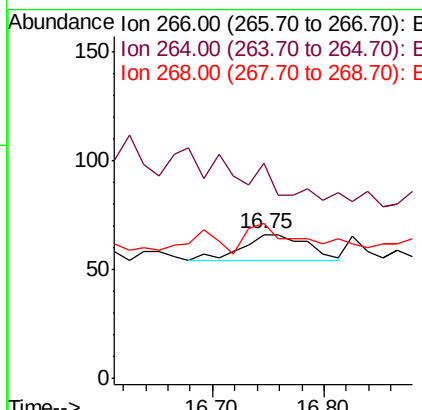
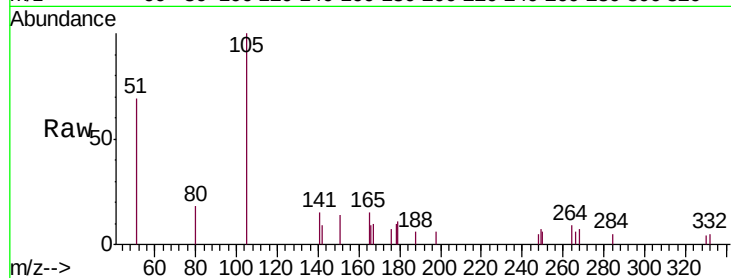
Instrument :

BNA_E

ClientSampleId :

KY038PS027-200113

Tgt Ion:	266	Resp:	49
Ion	Ratio	Lower	Upper
266	100		
264	150.0	61.0	91.4#
268	107.6	58.5	87.7#



#25

Fluoranthene-d10

Concen: 0.395 ng

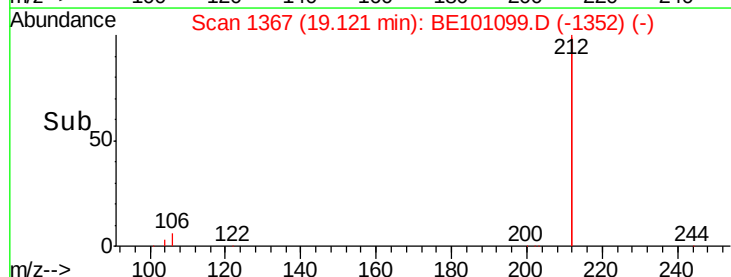
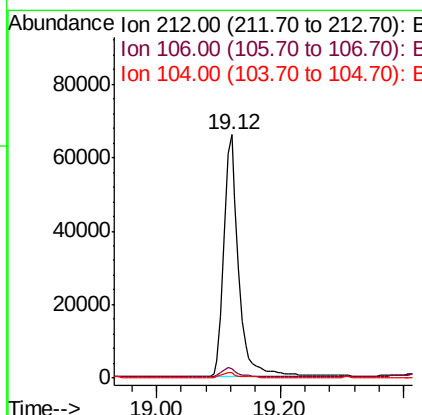
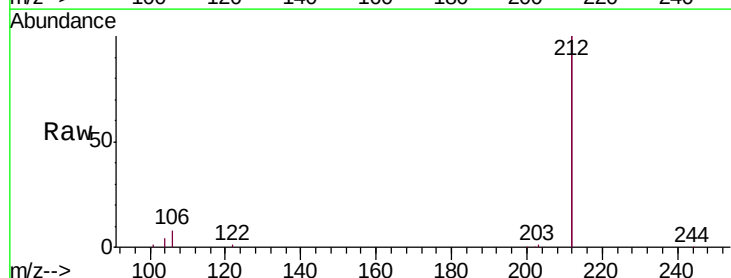
RT: 19.12 min Scan# 1367

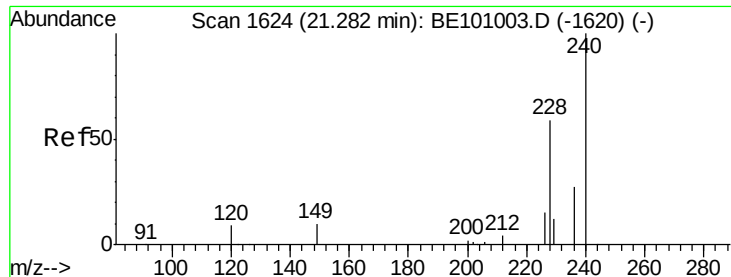
Delta R.T. -0.01 min

Lab File: BE101099.D

Acq: 20 Jan 2020 13:12

Tgt Ion:	212	Resp:	109685
Ion	Ratio	Lower	Upper
212	100		
106	3.6	2.6	3.8
104	1.9	1.4	2.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101099.D

Acq: 20 Jan 2020 13:12

Instrument :

BNA_E

ClientSampleId :

KY038PS027-200113

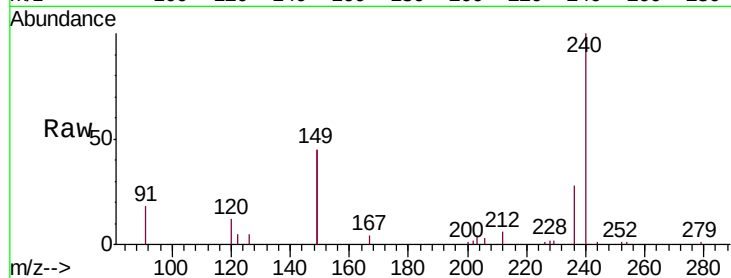
Tgt Ion:240 Resp: 22593

Ion Ratio Lower Upper

240 100

120 11.9 8.6 13.0

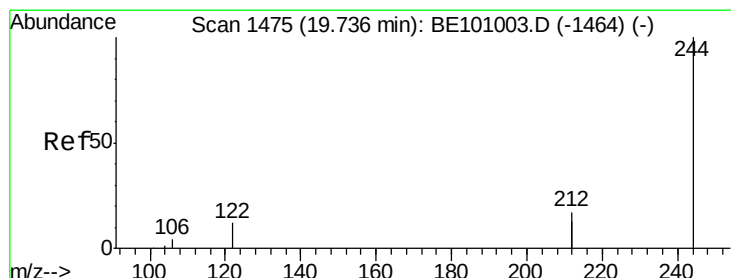
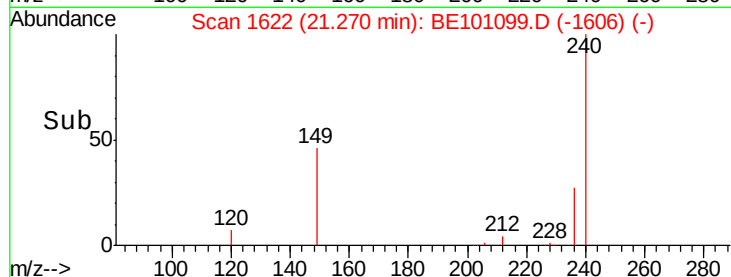
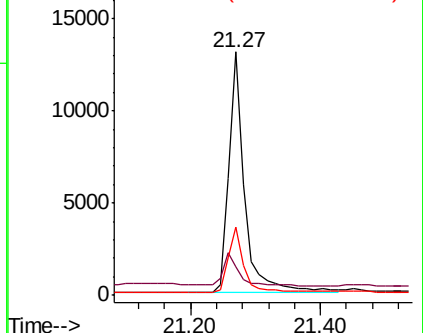
236 27.9 22.2 33.4



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: 0.499 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101099.D

Acq: 20 Jan 2020 13:12

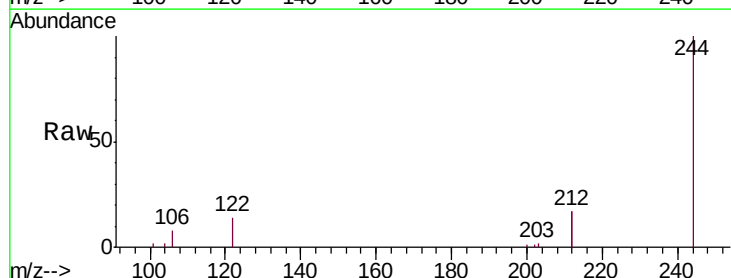
Tgt Ion:244 Resp: 27669

Ion Ratio Lower Upper

244 100

212 33.4 27.2 40.8

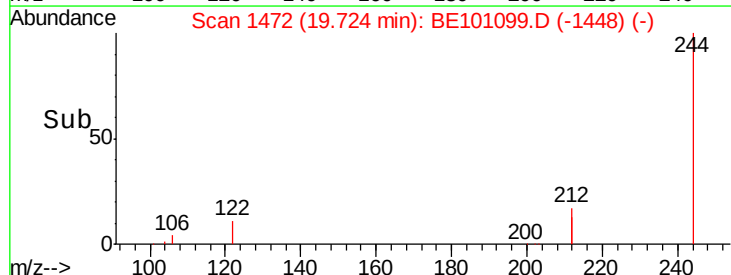
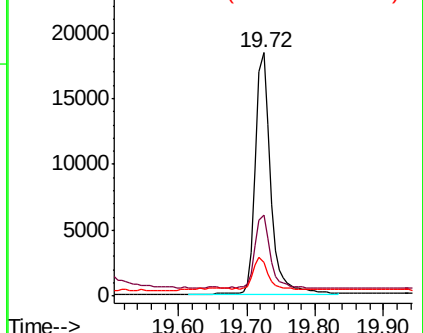
122 13.6 9.8 14.8

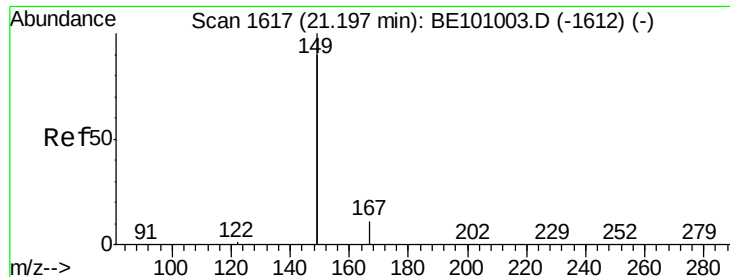


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

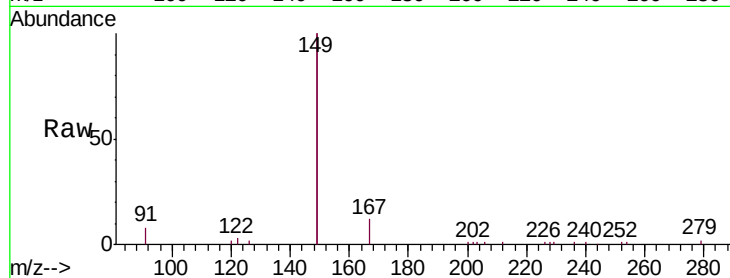




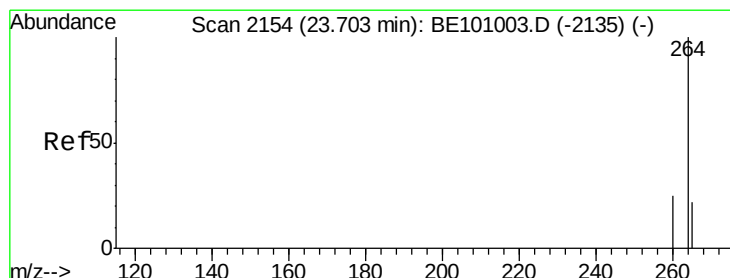
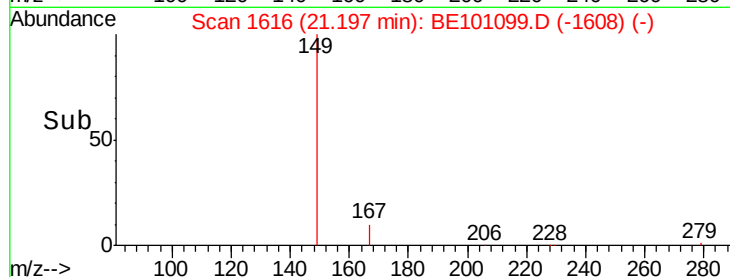
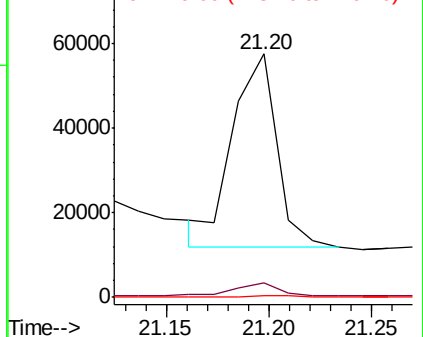
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.636 ng
 RT: 21.20 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BE101099.D
 Acq: 20 Jan 2020 13:12

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-200113

Tgt Ion:149 Resp: 68303
 Ion Ratio Lower Upper
 149 100
 167 5.8 5.2 7.8
 279 0.7 0.8 1.2#

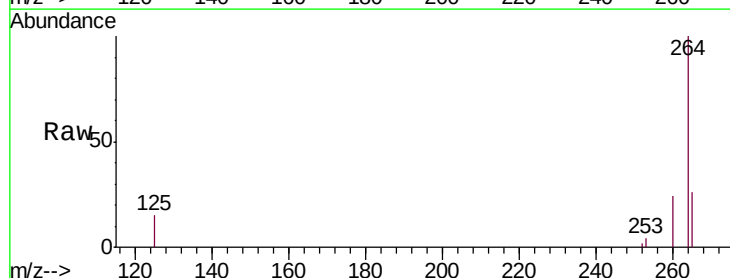


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.69 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BE101099.D
 Acq: 20 Jan 2020 13:12

Tgt Ion:264 Resp: 26539
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.3 30.5
 265 26.0 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

