

Data File : BE101075.D
Acq On : 16 Jan 2020 13:57
Operator : JU
Sample : L1116-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS038-200113

Quant Time: Jan 17 07:45:01 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	7.72	152	3152	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	12864	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	8171	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19299	0.40	ng	0.00
27) Chrysene-d12	21.27	240	20418	0.40	ng	-0.01
34) Perylene-d12	23.69	264	24900	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	1381	0.19	ng	-0.01
5) Phenol-d6	6.91	99	985	0.11	ng	-0.01
8) Nitrobenzene-d5	8.87	82	3389	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	7403	0.30	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	968	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	12110	0.39	ng	-0.01
25) Fluoranthene-d10	19.12	212	105903	0.40	ng	-0.01
29) Terphenyl-d14	19.72	244	22457	0.45	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	910	Below Cal	#	50
22) Pentachlorophenol	16.75	266	10	0.253 ng	#	76
32) Bis(2-ethylhexyl)phthalate	21.20	149	21950	0.226 ng		100

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

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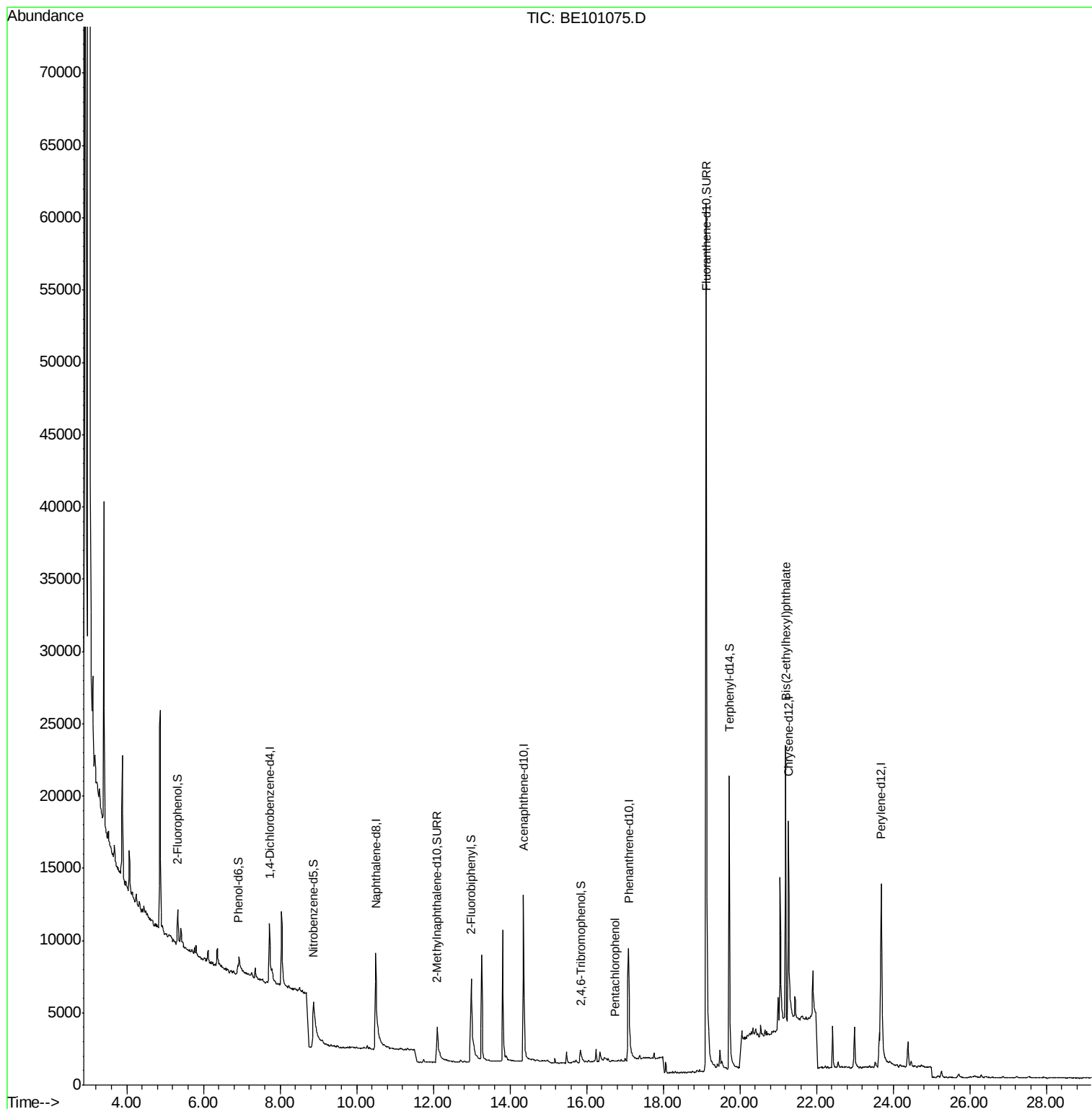
Quant Time: Jan 17 07:45:01 2020

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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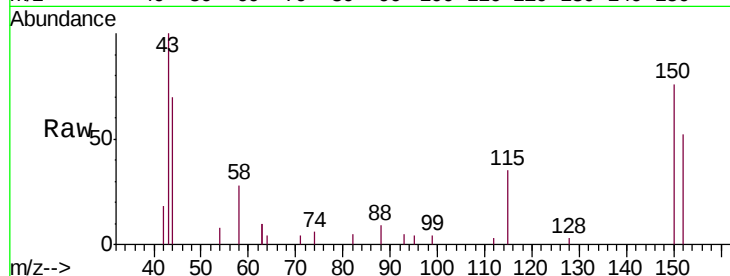


#1

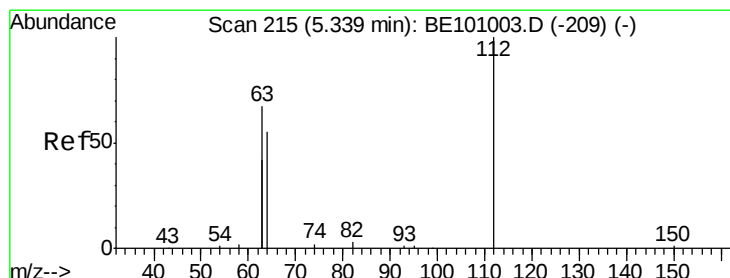
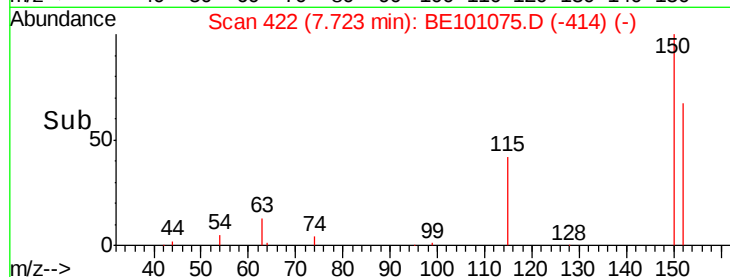
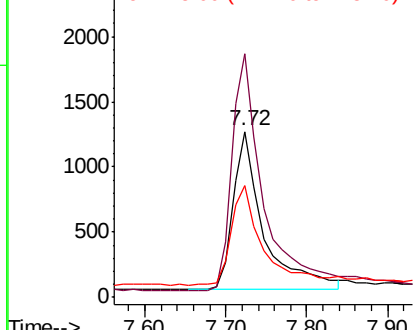
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101075.D
Acq: 16 Jan 2020 13:57

Instrument :
BNA_E
ClientSampleId :
KY038PS038-200113

Tgt Ion:152 Resp: 3152
Ion Ratio Lower Upper
152 100
150 146.6 120.3 180.5
115 67.6 51.7 77.5



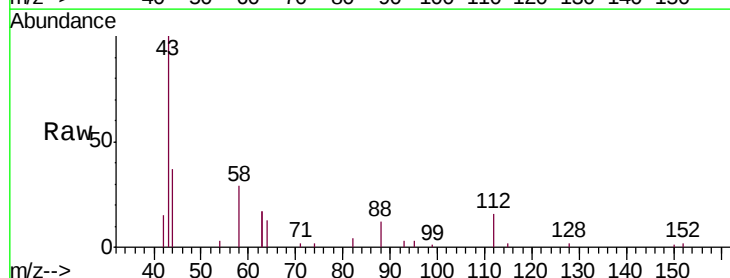
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



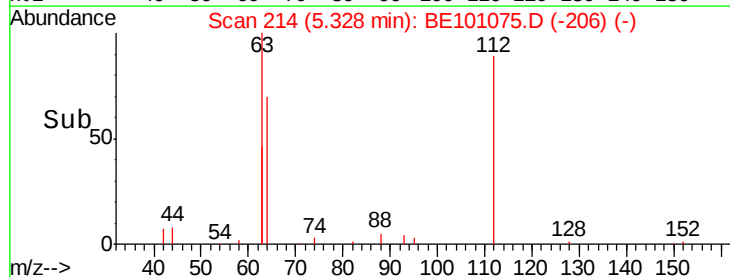
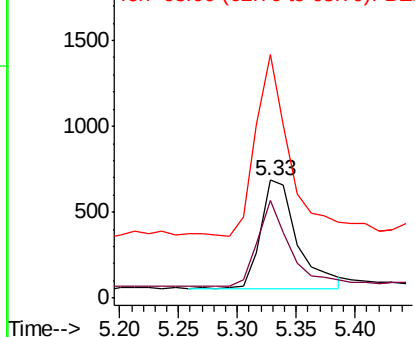
#4

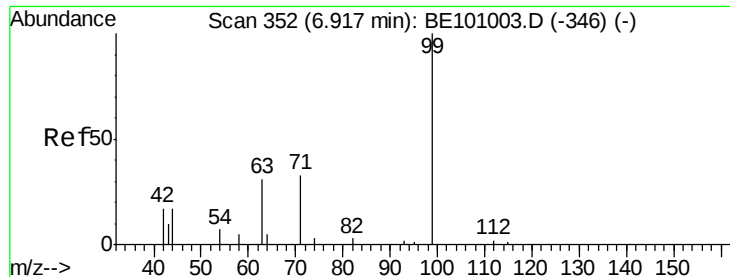
2-Fluorophenol
Concen: 0.195 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101075.D
Acq: 16 Jan 2020 13:57

Tgt Ion:112 Resp: 1381
Ion Ratio Lower Upper
112 100
64 71.0 53.6 80.4
63 148.0 114.6 172.0



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: 0.110 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101075.D

Acq: 16 Jan 2020 13:57

Instrument :

BNA_E

ClientSampleId :

KY038PS038-200113

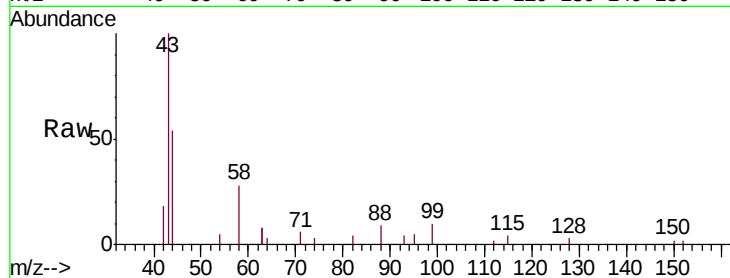
Tgt Ion: 99 Resp: 985

Ion Ratio Lower Upper

99 100

42 0.0 18.3 27.5#

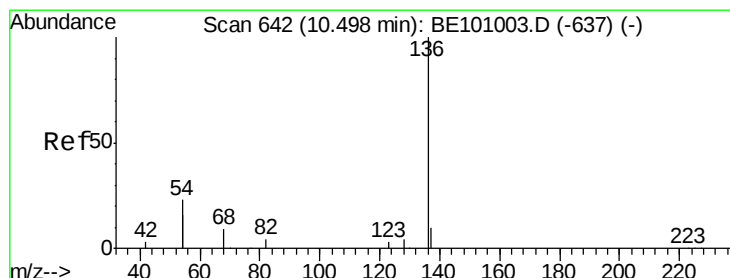
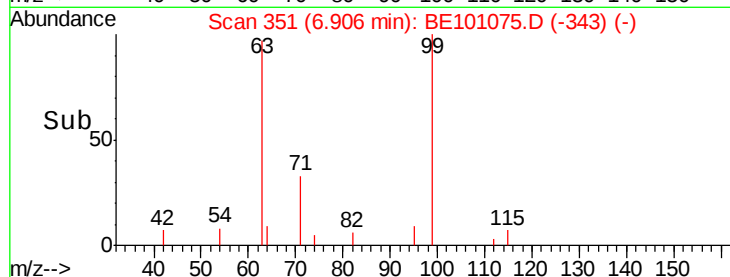
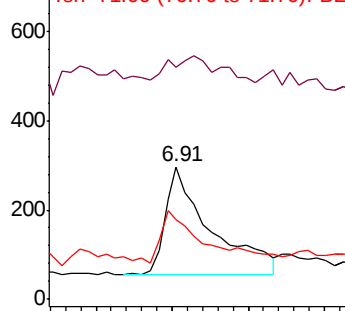
71 41.7 28.0 42.0



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: BE101075.D

Acq: 16 Jan 2020 13:57

Tgt Ion: 136 Resp: 12864

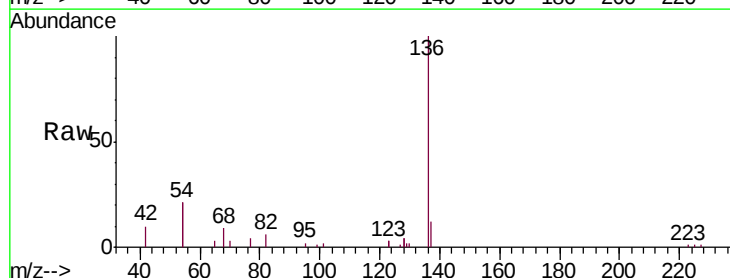
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 42.4 36.8 55.2

68 8.8 8.4 12.6

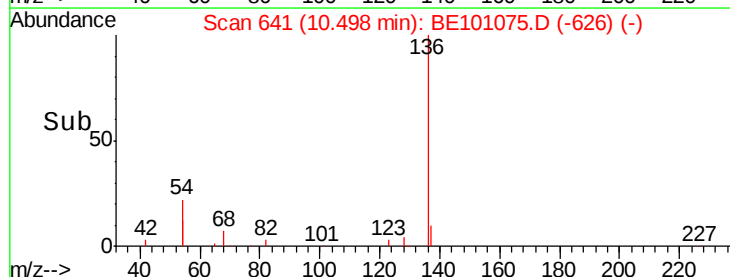
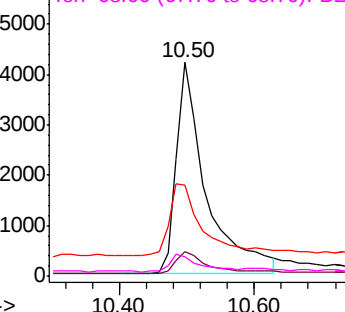


Abundance Ion 136.00 (135.70 to 136.70): BE1

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: 0.368 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101075.D

Acq: 16 Jan 2020 13:57

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KY038PS038-200113

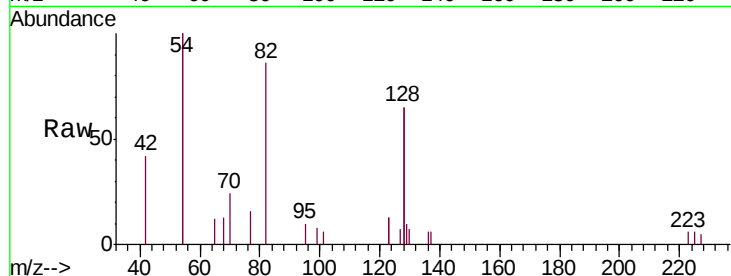
Tgt Ion: 82 Resp: 3389

Ion Ratio Lower Upper

82 100

128 149.3 109.8 164.6

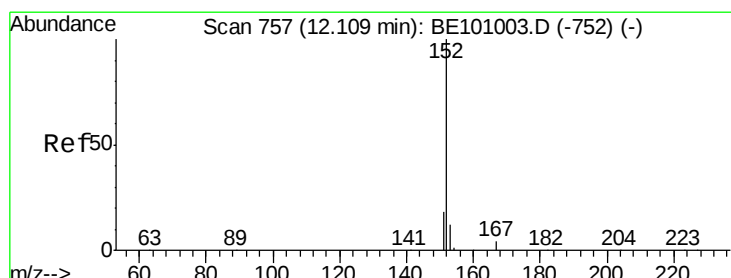
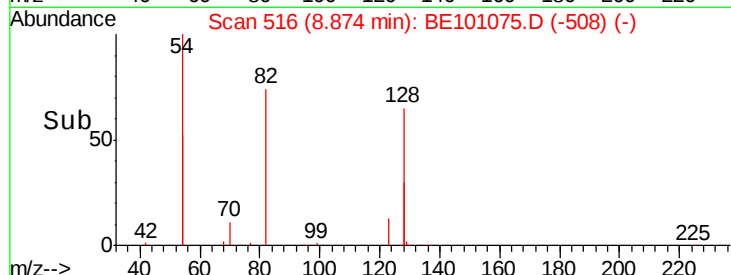
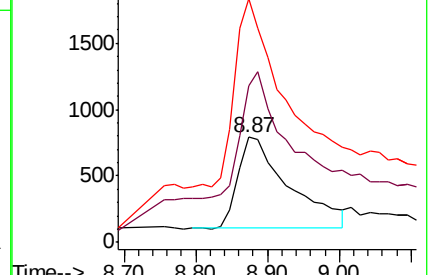
54 231.3 174.5 261.7



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: 0.302 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE101075.D

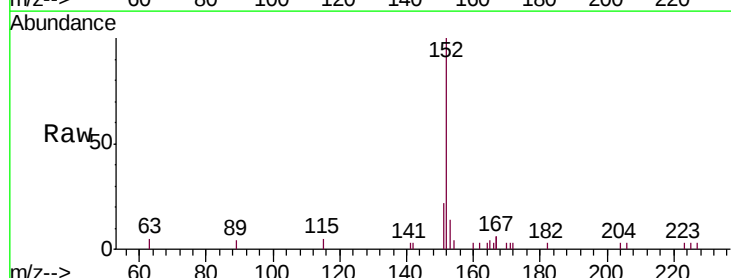
Acq: 16 Jan 2020 13:57

Tgt Ion: 152 Resp: 7403

Ion Ratio Lower Upper

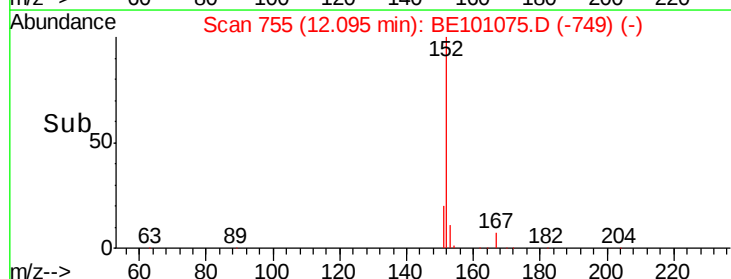
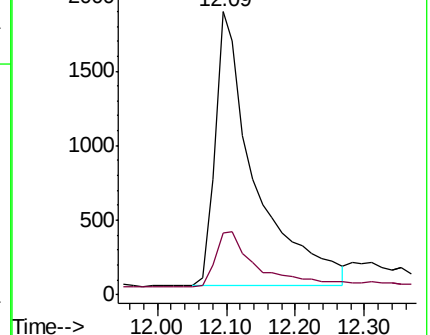
152 100

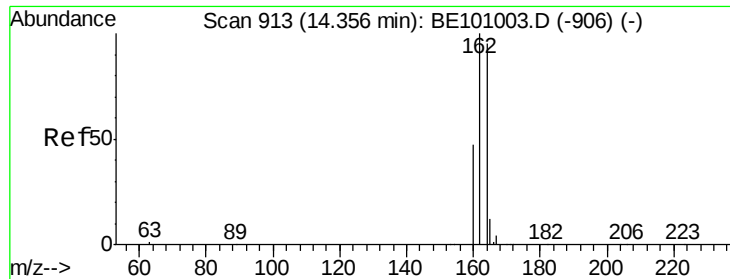
151 22.0 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

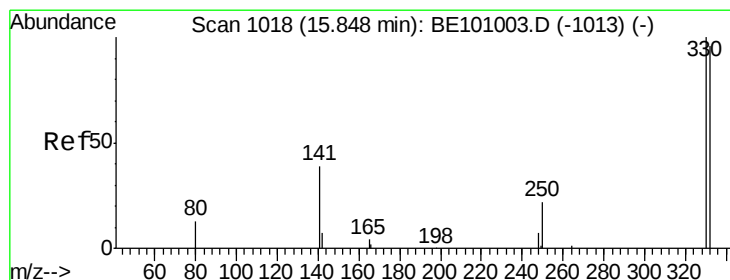
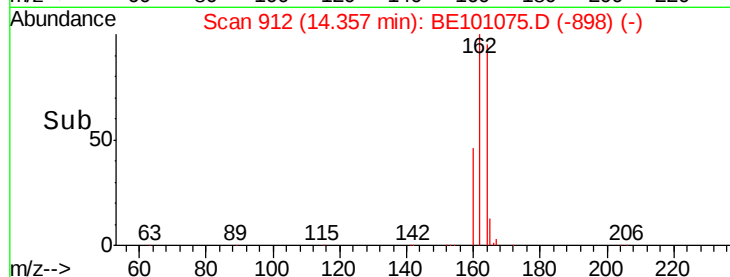
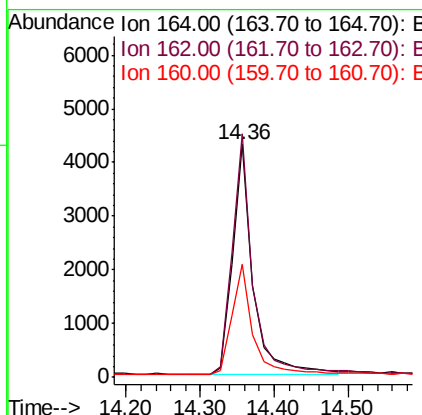
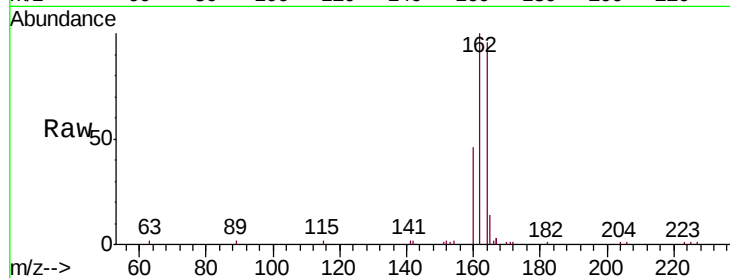




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BE101075.D
 Acq: 16 Jan 2020 13:57

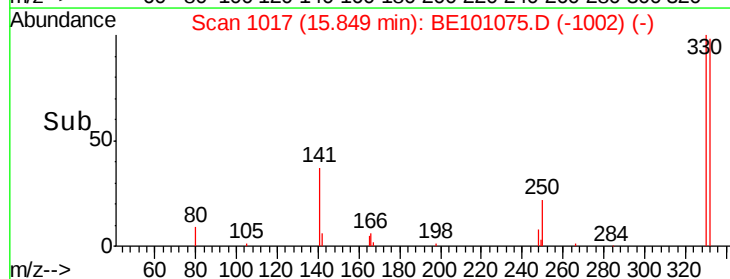
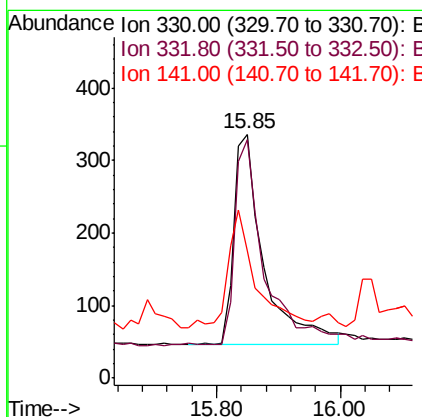
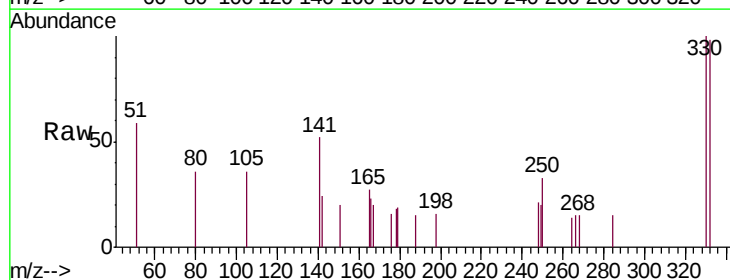
Instrument :
 BNA_E
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 KY038PS038-200113

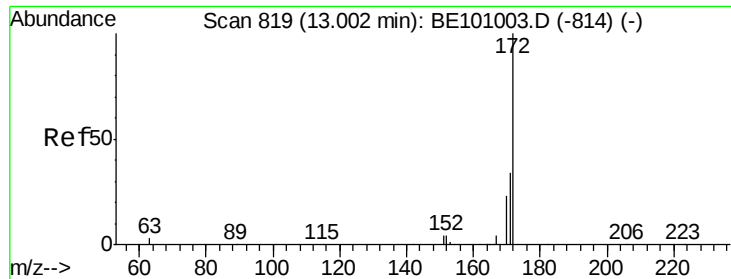
Tgt Ion:164 Resp: 8171
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.1 126.1
 160 48.4 40.4 60.6



#14
 2,4,6-Tribromophenol
 Concen: 0.420 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101075.D
 Acq: 16 Jan 2020 13:57

Tgt Ion:330 Resp: 968
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.4 117.6
 141 52.2 37.0 55.4

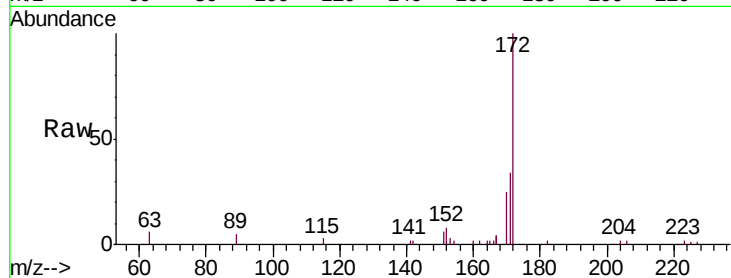




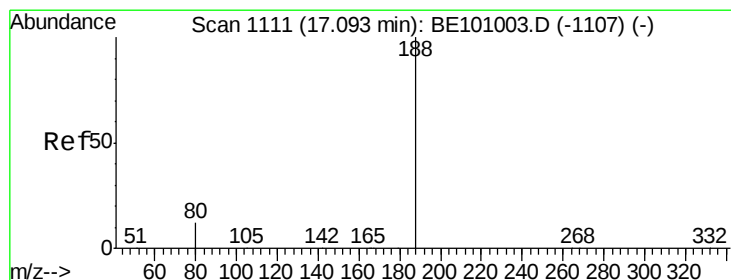
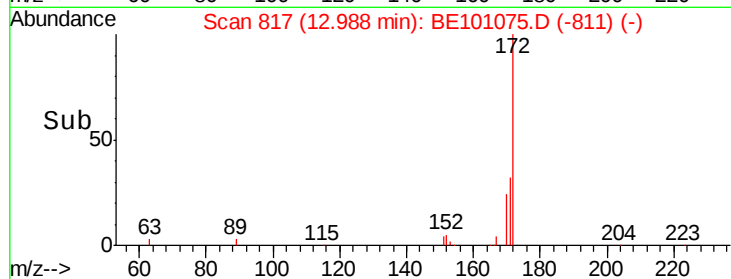
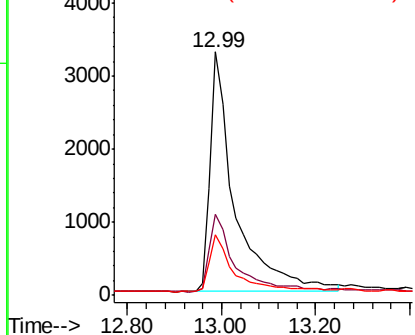
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.01 min
Lab File: BE101075.D
Acq: 16 Jan 2020 13:57

Instrument :
BNA_E
ClientSampleId :
KY038PS038-200113

Tgt Ion:172 Resp: 12110
Ion Ratio Lower Upper
172 100
171 33.5 28.2 42.2
170 24.7 18.9 28.3

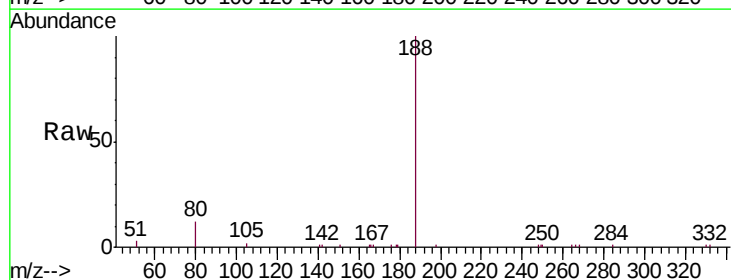


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

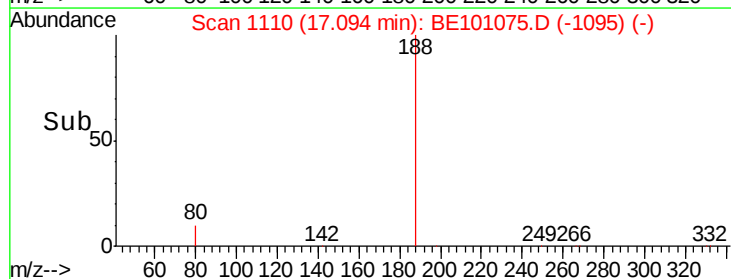
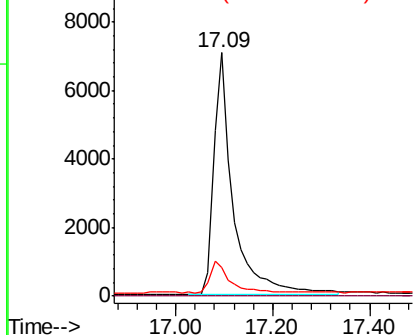


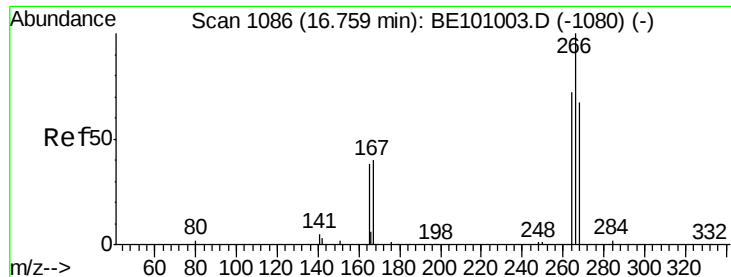
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101075.D
Acq: 16 Jan 2020 13:57

Tgt Ion:188 Resp: 19299
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 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: BE101075.D

Acq: 16 Jan 2020 13:57

Instrument :

BNA_E

ClientSampleId :

KY038PS038-200113

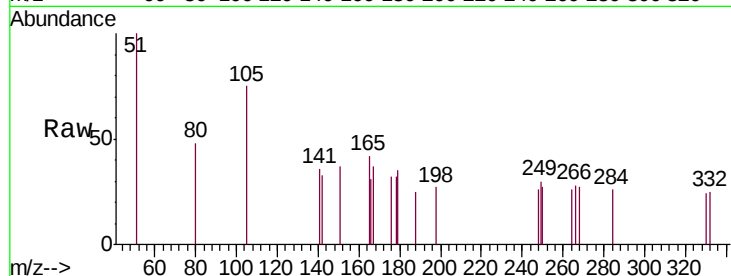
Tgt Ion:266 Resp: 10

Ion Ratio Lower Upper

266 100

264 92.7 61.0 91.4#

268 98.2 58.5 87.7#

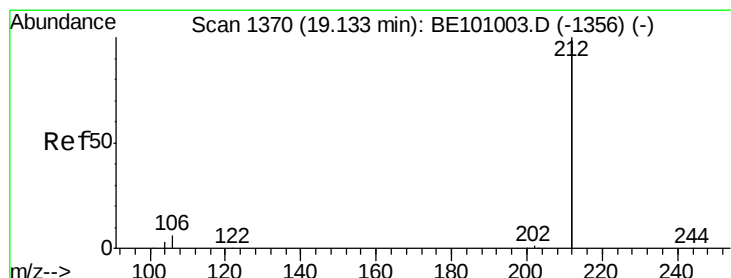
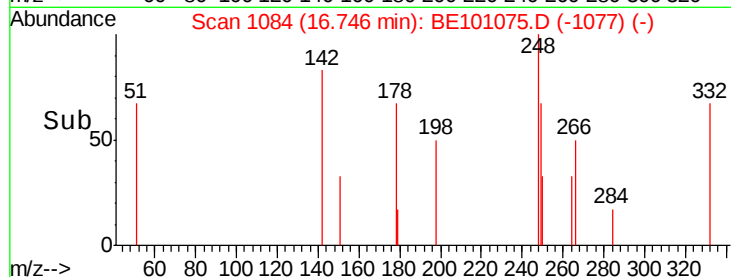
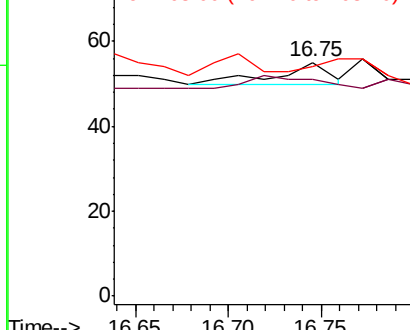


Abundance

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: 0.395 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101075.D

Acq: 16 Jan 2020 13:57

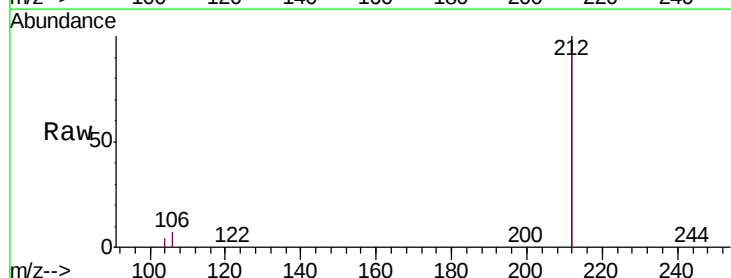
Tgt Ion:212 Resp: 105903

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

104 1.9 1.4 2.0

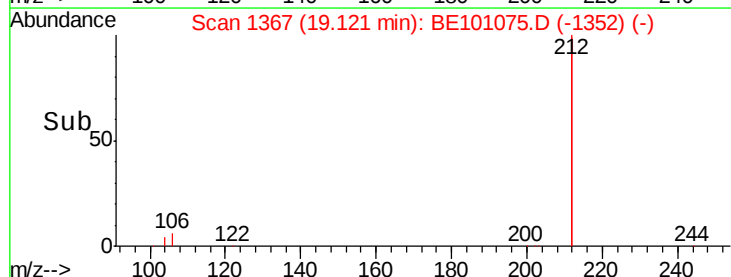
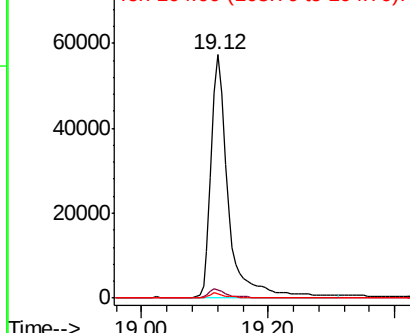


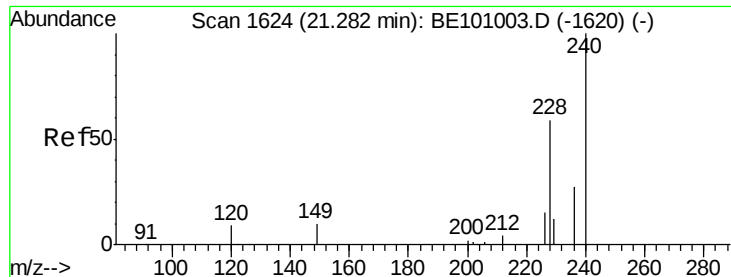
Abundance

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: BE101075.D

Acq: 16 Jan 2020 13:57

Instrument :

BNA_E

ClientSampleId :

KY038PS038-200113

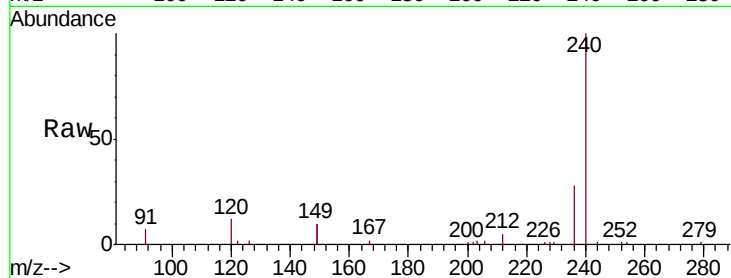
Tgt Ion:240 Resp: 20418

Ion Ratio Lower Upper

240 100

120 12.5 8.6 13.0

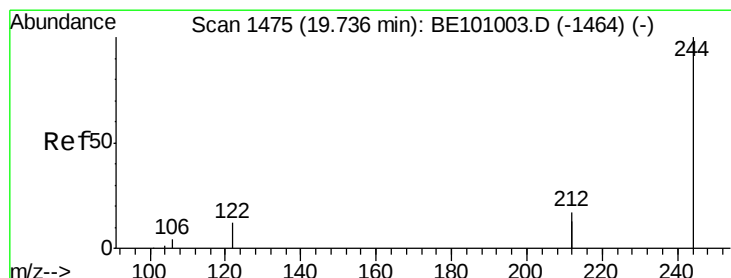
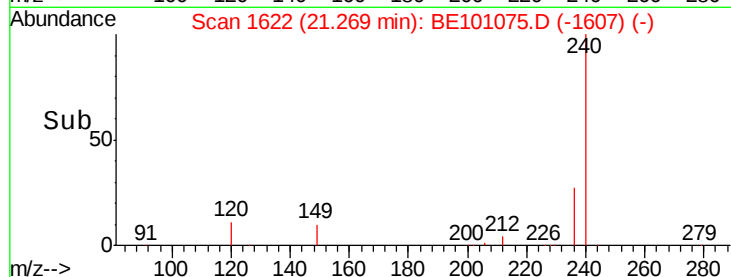
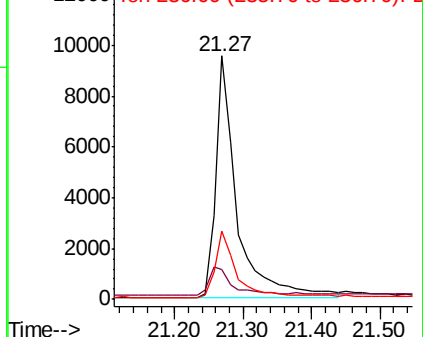
236 28.1 22.2 33.4



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: 0.448 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101075.D

Acq: 16 Jan 2020 13:57

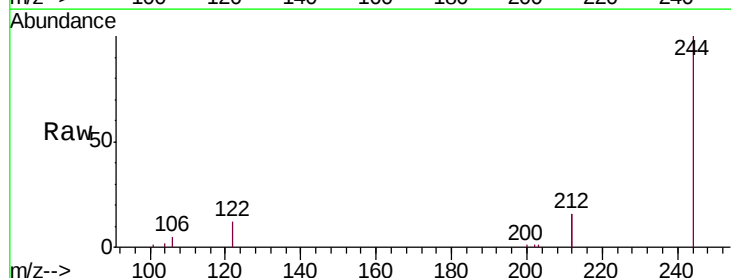
Tgt Ion:244 Resp: 22457

Ion Ratio Lower Upper

244 100

212 32.8 27.2 40.8

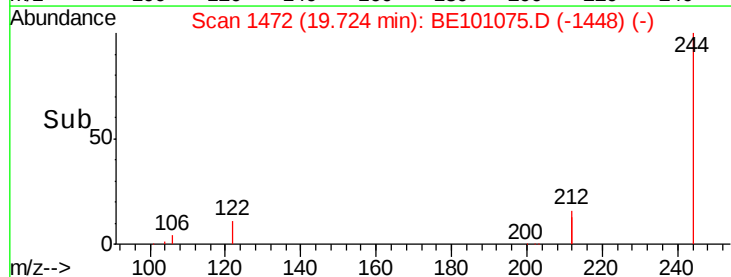
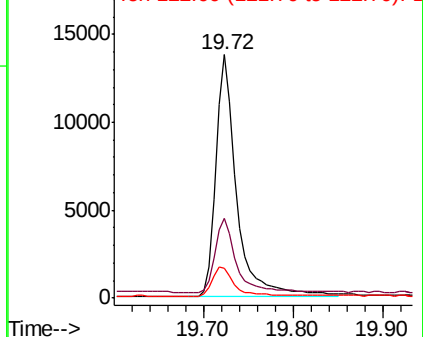
122 12.1 9.8 14.8

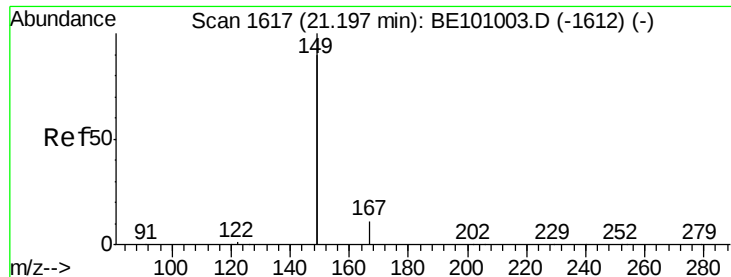


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

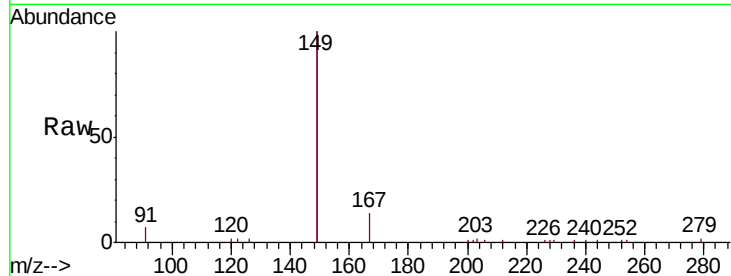




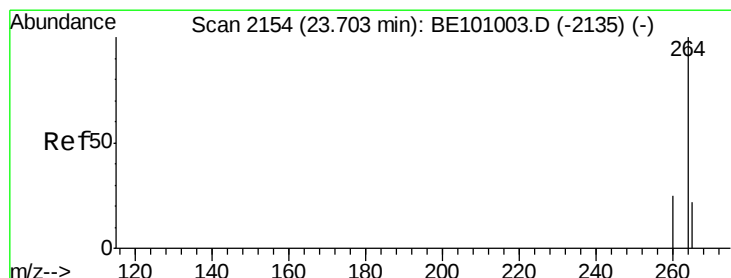
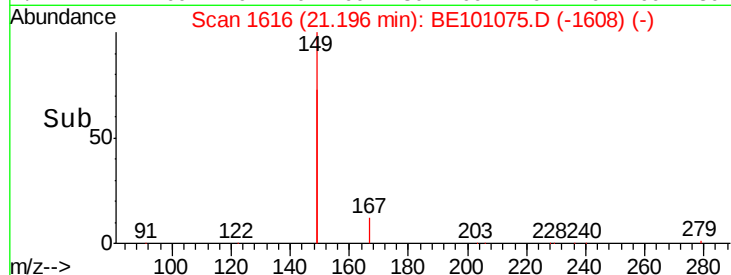
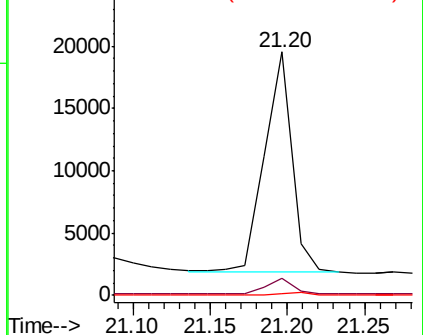
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.226 ng
 RT: 21.20 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BE101075.D
 Acq: 16 Jan 2020 13:57

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-200113

Tgt Ion:149 Resp: 21950
 Ion Ratio Lower Upper
 149 100
 167 6.4 5.2 7.8
 279 0.8 0.8 1.2

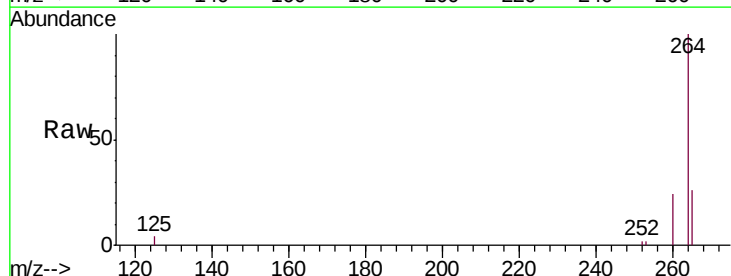


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.69 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BE101075.D
 Acq: 16 Jan 2020 13:57

Tgt Ion:264 Resp: 24900
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.3 30.5
 265 26.1 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

