

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
 Data File : BE100502.D
 Acq On : 23 Jul 2019 15:32
 Operator : HP/JU
 Sample : K3841-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-190715

Quant Time: Jul 24 02:07:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 08:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2883	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	11190	0.40	ng	-0.01
13) Acenaphthene-d10	14.50	164	6819	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	17467	0.40	ng	0.00
27) Chrysene-d12	21.37	240	19538	0.40	ng	-0.01
34) Perylene-d12	23.85	264	21189	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1387	0.20	ng	0.00
5) Phenol-d6	7.02	99	1207	0.12	ng	0.00
8) Nitrobenzene-d5	9.02	82	4101	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	6798	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	341	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	9908	0.36	ng	0.00
25) Fluoranthene-d10	19.24	212	94609	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	18123	0.38	ng	0.00

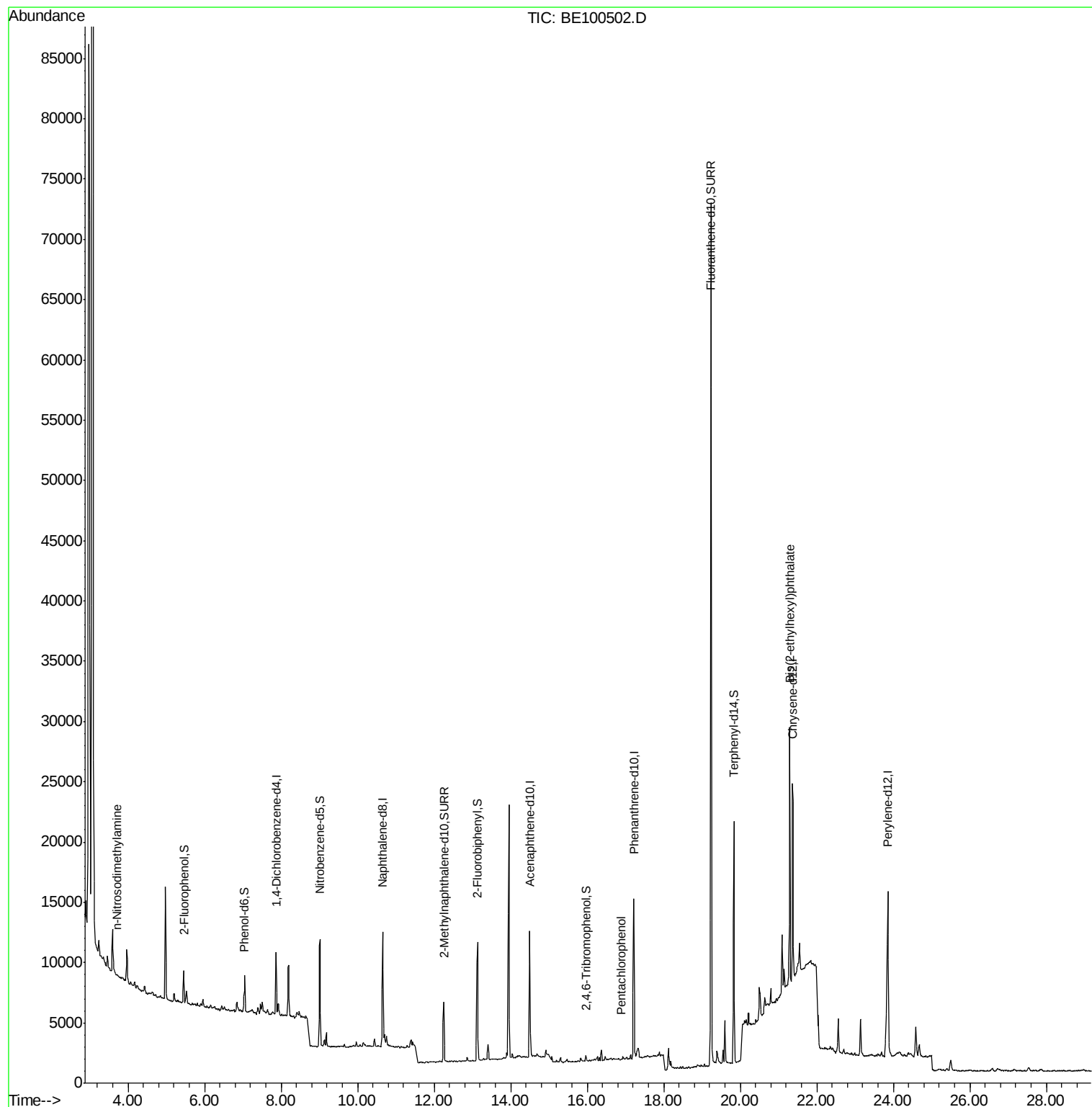
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	446	Below Cal	#	65
3) n-Nitrosodimethylamine	3.71	42	91	0.034	ng	# 69
22) Pentachlorophenol	16.88	266	17	0.155	ng	# 62
32) Bis(2-ethylhexyl)phthalate	21.29	149	25344	0.185	ng	100

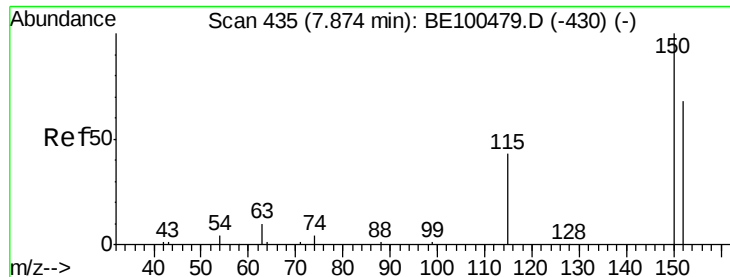
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. 0.00 min

Lab File: BE100502.D

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Instrument :

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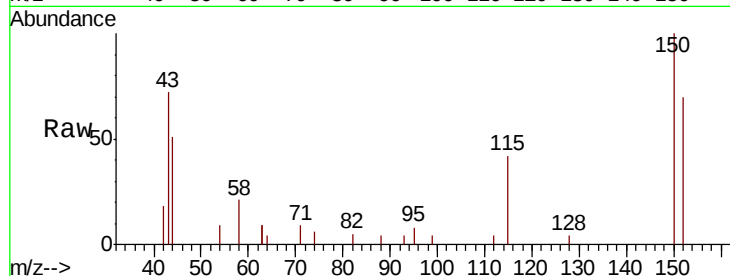
Tgt Ion:152 Resp: 2883

Ion Ratio Lower Upper

152 100

150 143.4 115.0 172.6

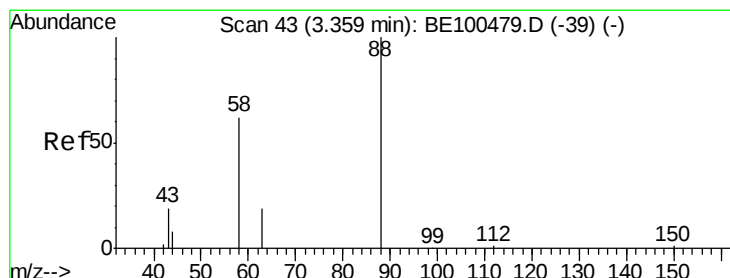
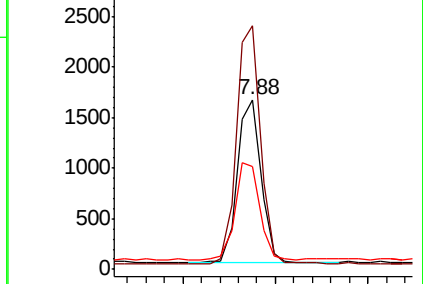
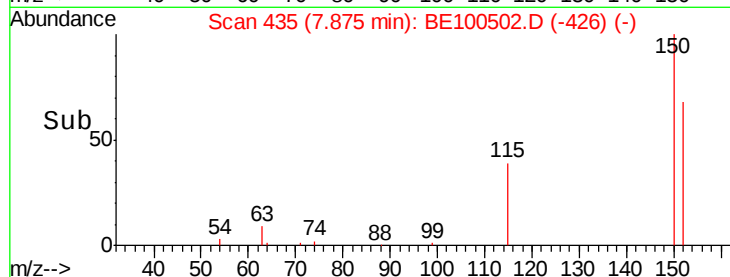
115 60.6 52.9 79.3



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: 3.36 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE100502.D

Acq: 23 Jul 2019 15:32

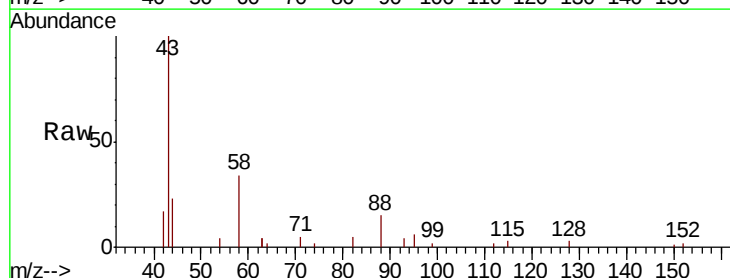
Tgt Ion: 88 Resp: 446

Ion Ratio Lower Upper

88 100

58 43.5 53.2 79.8#

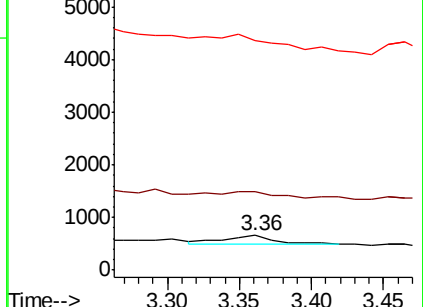
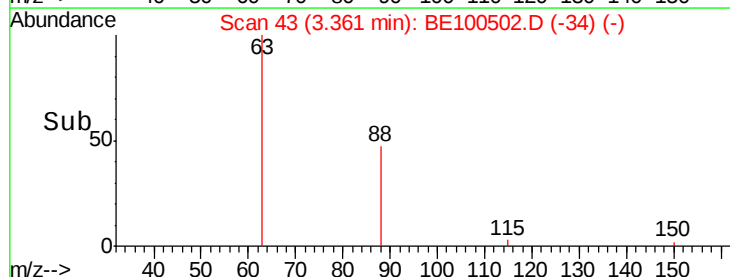
43 0.0 20.8 31.2#

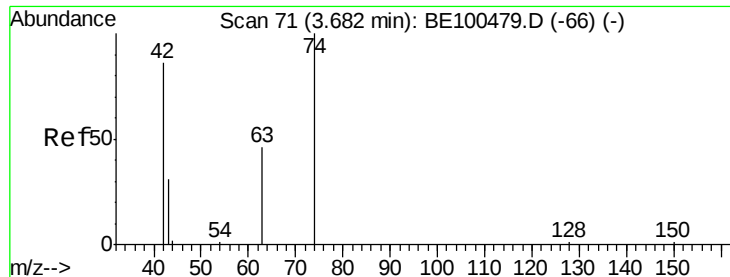


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.034 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.02 min

Lab File: BE100502.D

Acq: 23 Jul 2019 15:32

Instrument :

BNA_E

ClientSampleId :

KY038PS038-190715

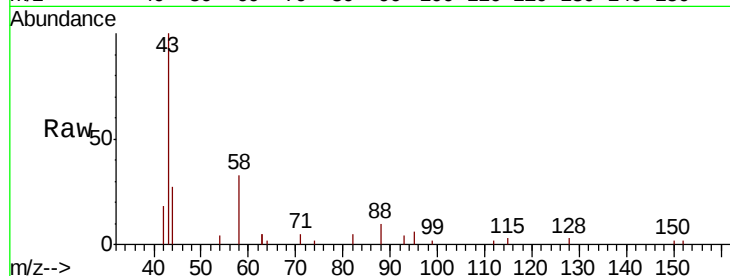
Tgt Ion: 42 Resp: 91

Ion Ratio Lower Upper

42 100

74 3.3 0.0 0.0#

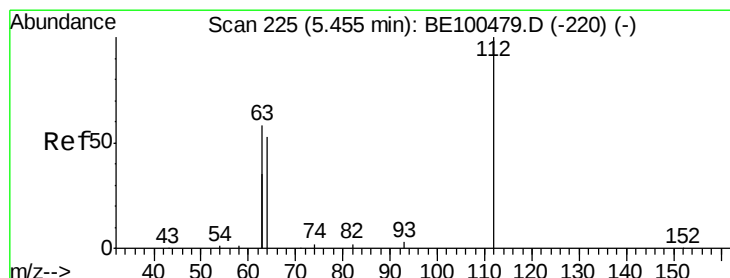
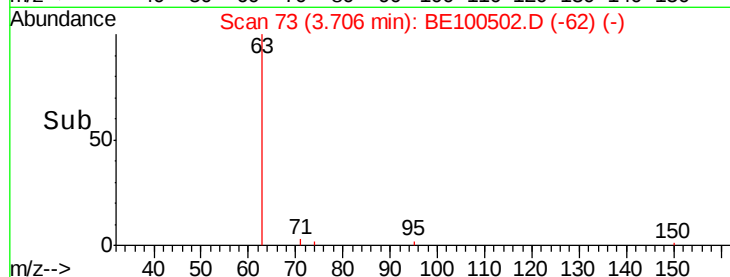
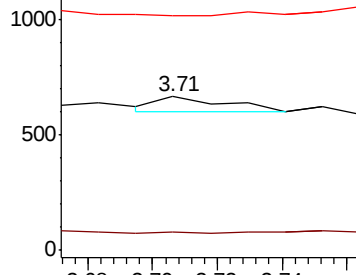
44 0.0 9.6 14.4#



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: 0.197 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE100502.D

Acq: 23 Jul 2019 15:32

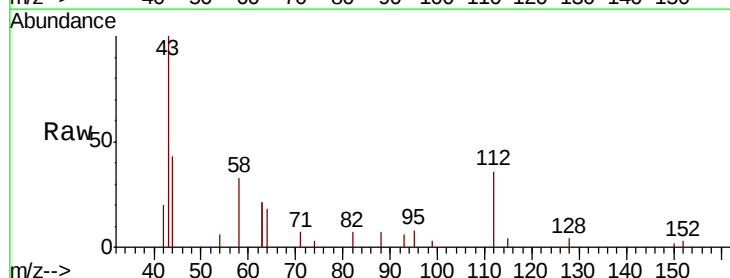
Tgt Ion: 112 Resp: 1387

Ion Ratio Lower Upper

112 100

64 66.1 54.1 81.1

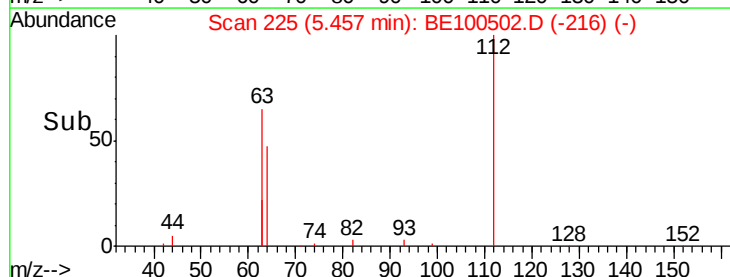
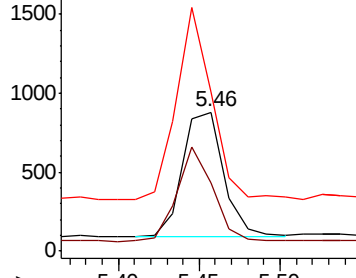
63 132.4 104.6 157.0

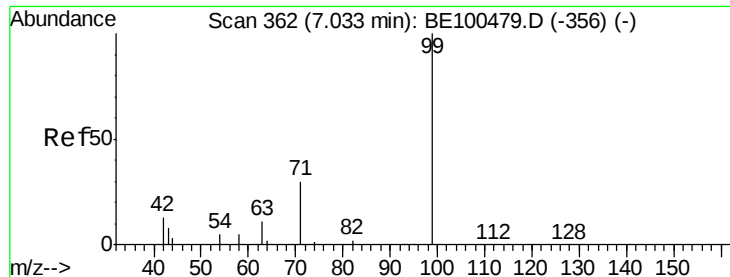


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.120 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.01 min

Lab File: BE100502.D

Acq: 23 Jul 2019 15:32

Instrument :

BNA_E

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KY038PS038-190715

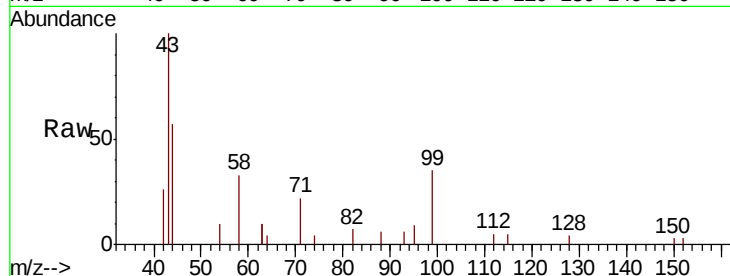
Tgt Ion: 99 Resp: 1207

Ion Ratio Lower Upper

99 100

42 30.6 14.5 21.7#

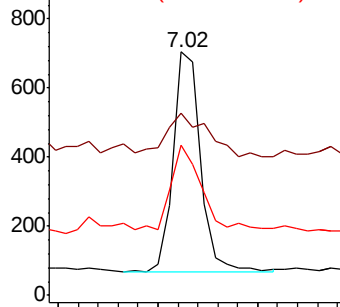
71 41.0 26.4 39.6#



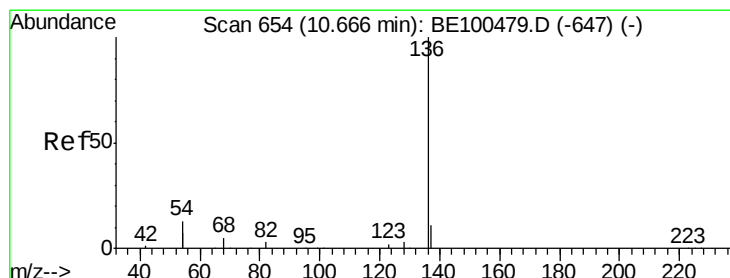
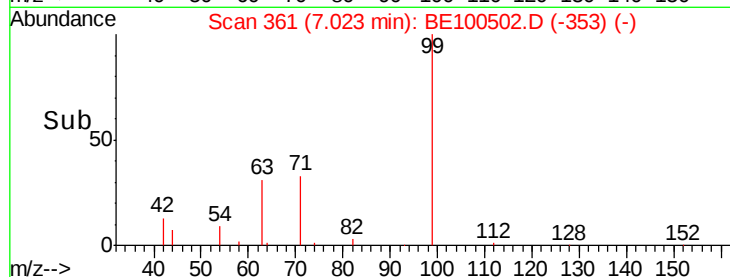
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time--> 6.90 7.00 7.10



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE100502.D

Acq: 23 Jul 2019 15:32

Tgt Ion: 136 Resp: 11190

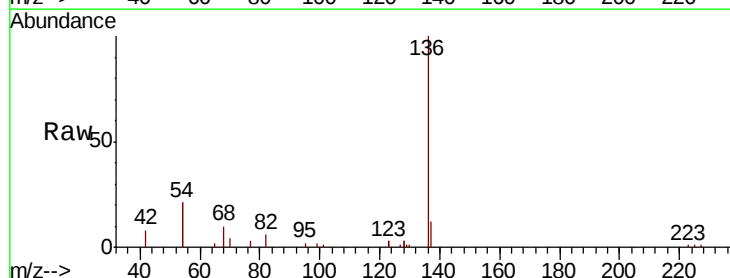
Ion Ratio Lower Upper

136 100

137 11.8 9.8 14.6

54 42.7 20.6 31.0#

68 10.4 5.3 7.9#

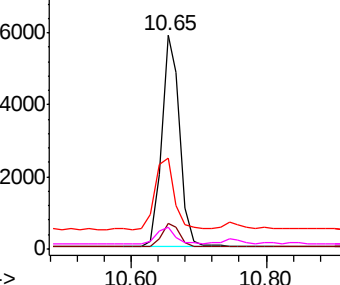


Abundance Ion 136.00 (135.70 to 136.70): E

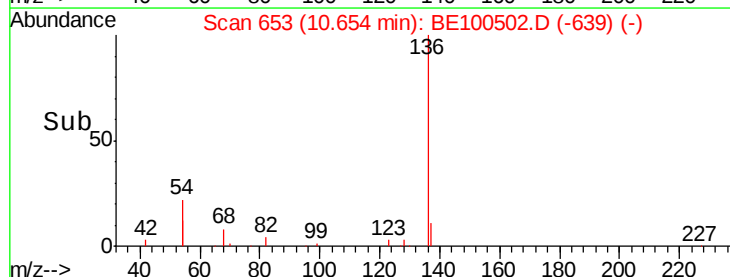
Ion 137.00 (136.70 to 137.70): E

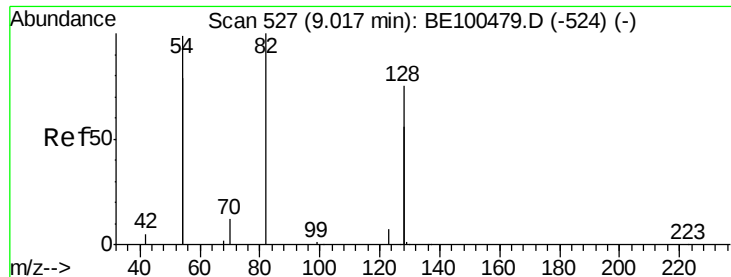
Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



Time--> 10.60 10.80

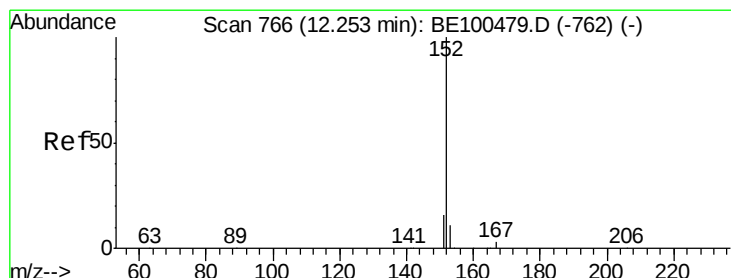
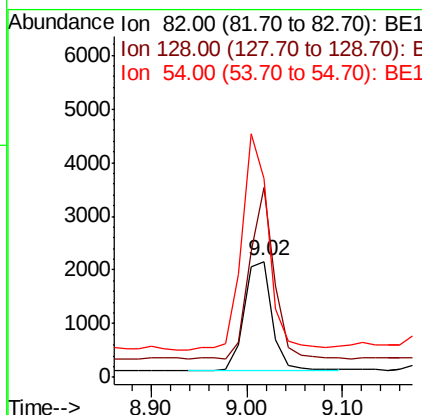
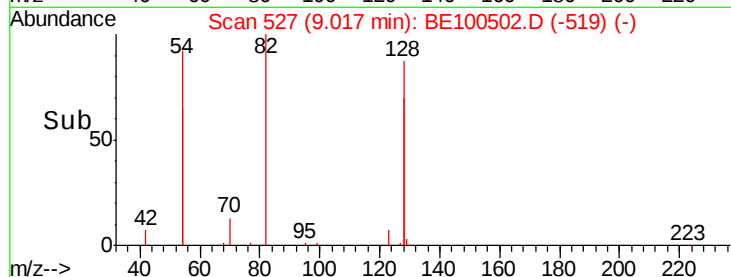
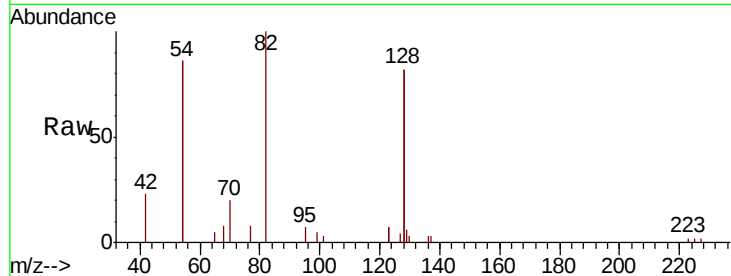




#8
 Nitrobenzene-d5
 Concen: 0.441 ng
 RT: 9.02 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BE100502.D
 Acq: 23 Jul 2019 15:32

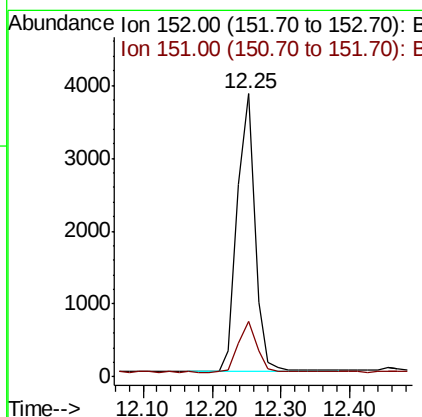
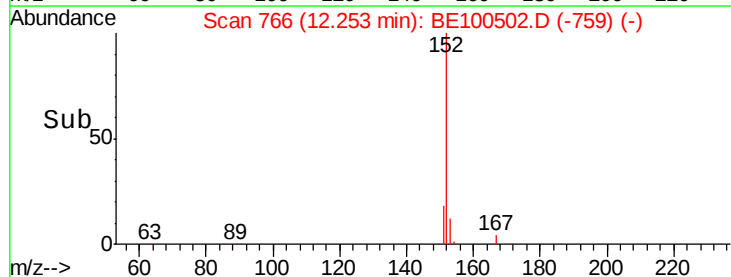
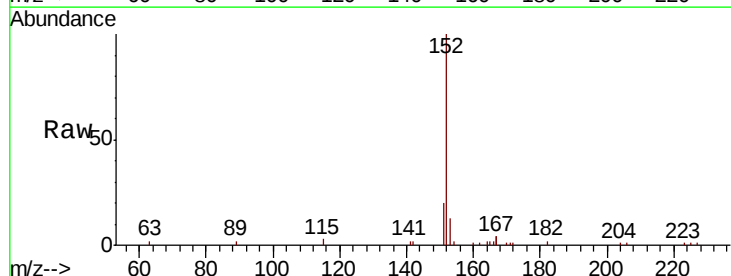
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-190715

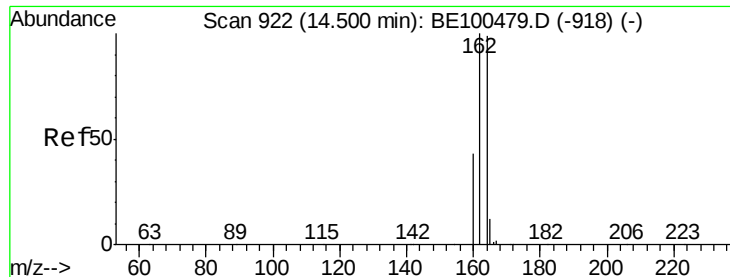
Tgt Ion	Ratio	Lower	Upper
82	100		
128	164.2	113.6	170.4
54	171.9	150.6	226.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.367 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BE100502.D
 Acq: 23 Jul 2019 15:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.1	22.7

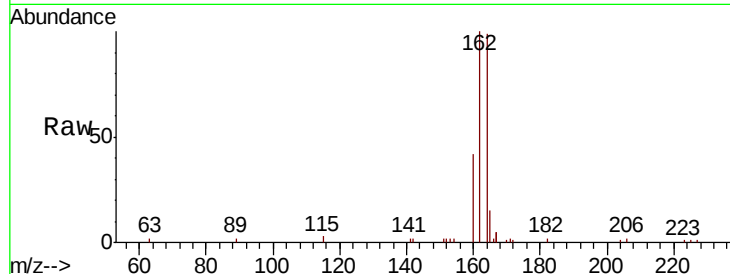




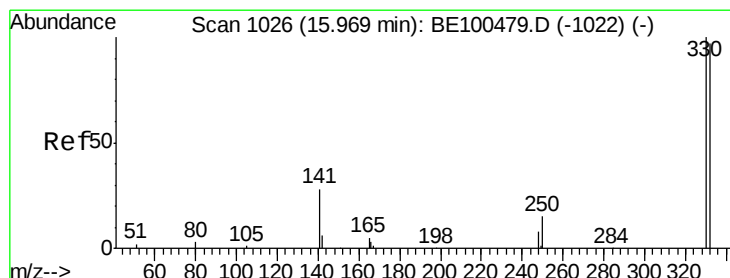
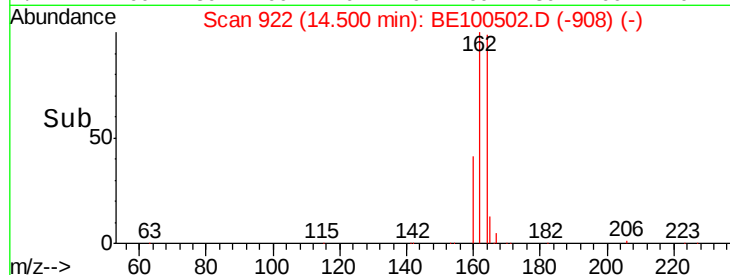
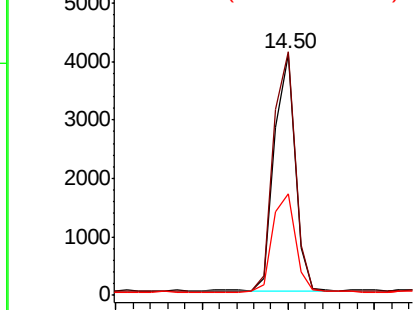
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100502.D
Acq: 23 Jul 2019 15:32

Instrument :
BNA_E
ClientSampleId :
KY038PS038-190715

Tgt Ion:164 Resp: 6819
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 42.0 34.9 52.3

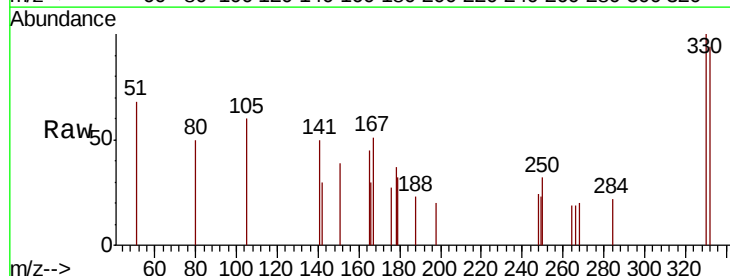


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

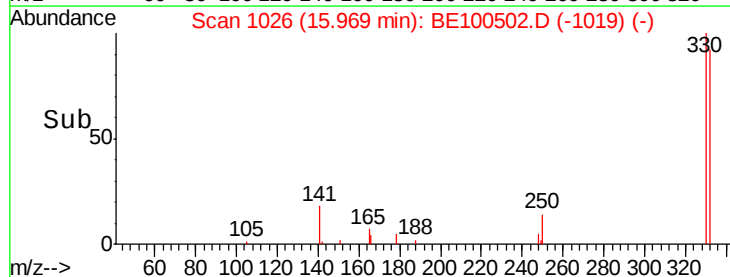
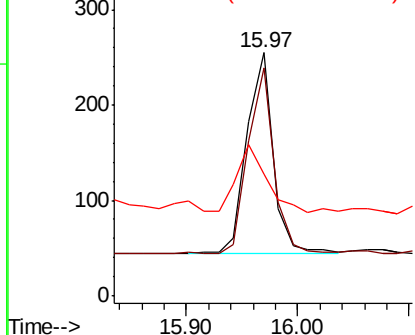


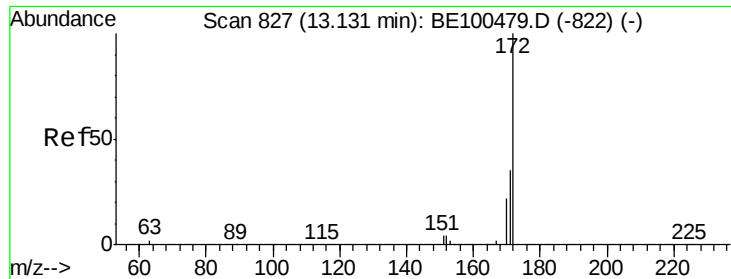
#14
2,4,6-Tribromophenol
Concen: 0.115 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100502.D
Acq: 23 Jul 2019 15:32

Tgt Ion:330 Resp: 341
Ion Ratio Lower Upper
330 100
332 92.7 80.5 120.7
141 39.0 29.9 44.9



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

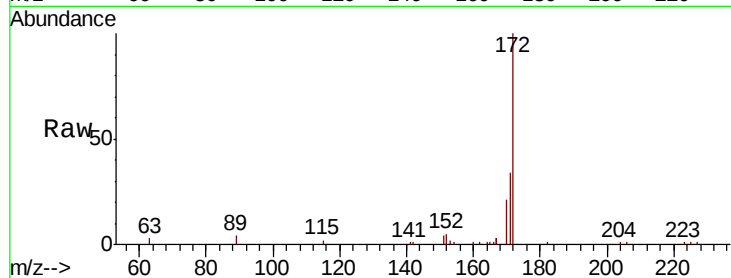




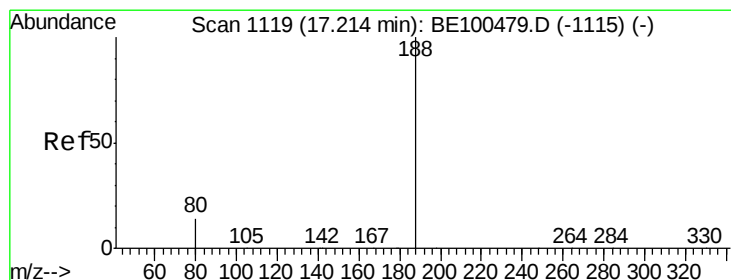
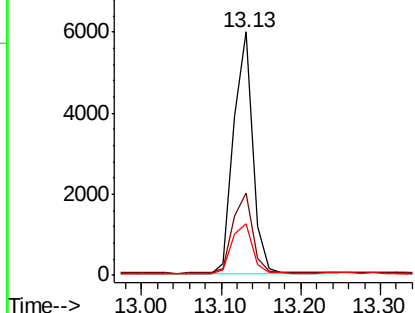
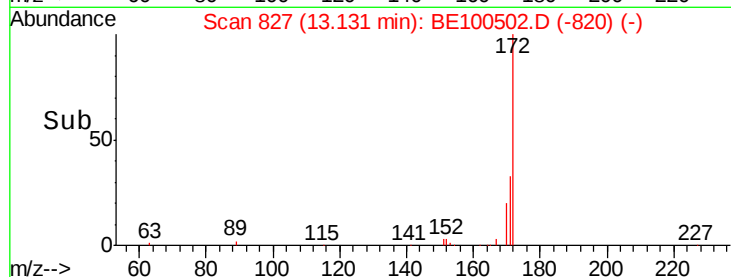
#15
 2-Fluorobiphenyl
 Concen: 0.357 ng
 RT: 13.13 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BE100502.D
 Acq: 23 Jul 2019 15:32

Instrument :
 BNA_E
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Tgt Ion:172 Resp: 9908
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.2 42.2
 170 21.2 17.8 26.8

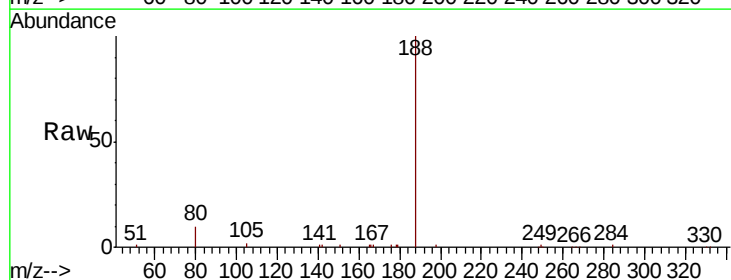


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

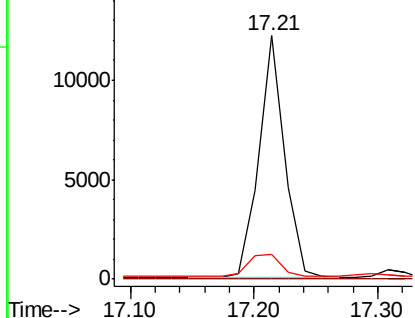
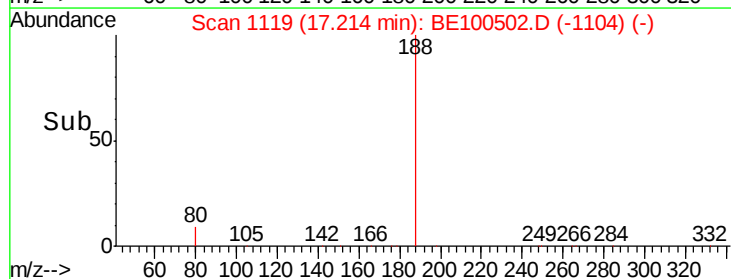


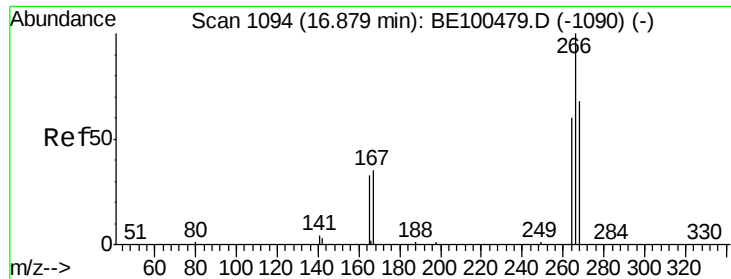
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.21 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BE100502.D
 Acq: 23 Jul 2019 15:32

Tgt Ion:188 Resp: 17467
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.9 11.9 17.9#



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: 0.155 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100502.D

Acq: 23 Jul 2019 15:32

Instrument :

BNA_E

ClientSampleId :

KY038PS038-190715

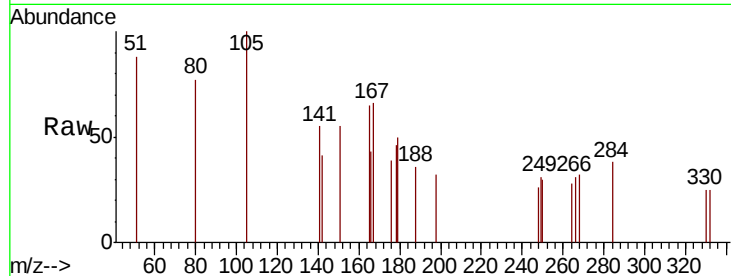
Tgt Ion: 266 Resp: 17

Ion Ratio Lower Upper

266 100

264 91.2 50.4 75.6#

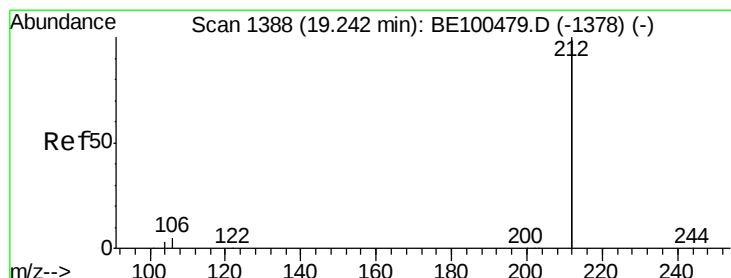
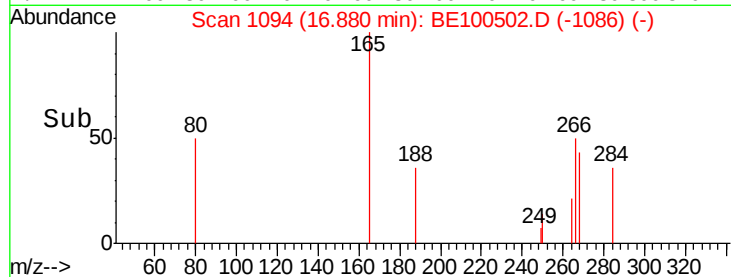
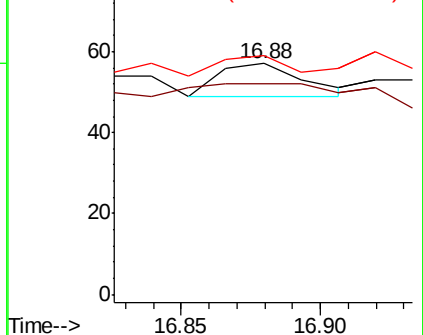
268 103.5 56.6 85.0#



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: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100502.D

Acq: 23 Jul 2019 15:32

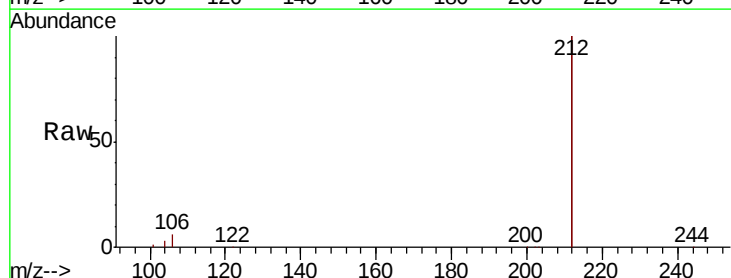
Tgt Ion: 212 Resp: 94609

Ion Ratio Lower Upper

212 100

106 2.9 2.2 3.4

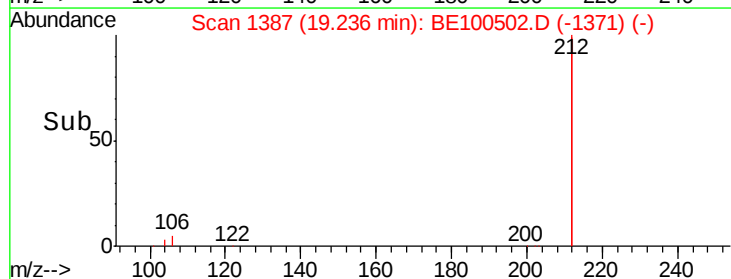
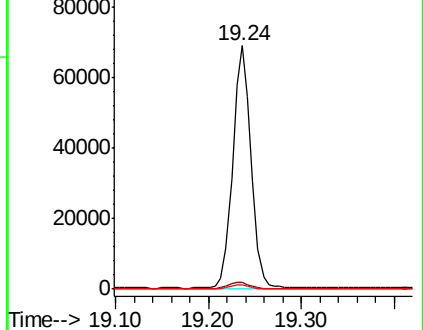
104 1.7 1.2 1.8

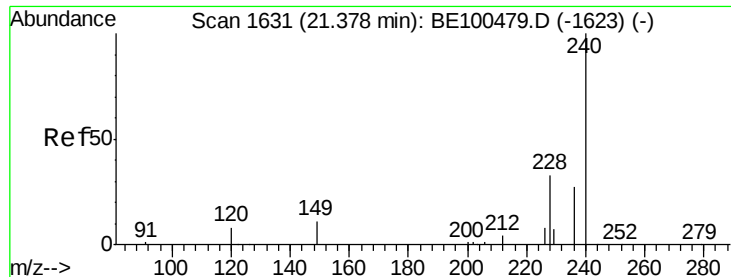


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.37 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BE100502.D

Acq: 23 Jul 2019 15:32

Instrument :

BNA_E

ClientSampleId :

KY038PS038-190715

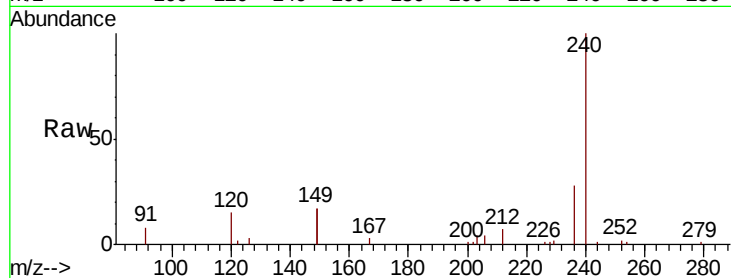
Tgt Ion:240 Resp: 19538

Ion Ratio Lower Upper

240 100

120 15.4 8.2 12.2#

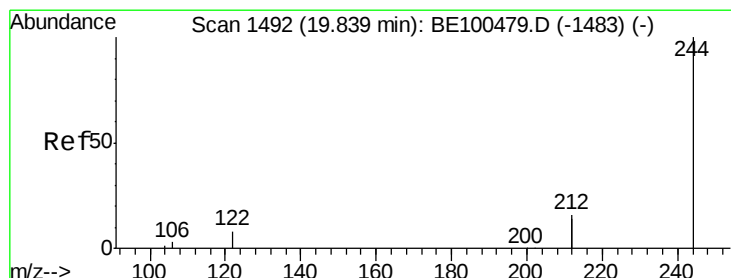
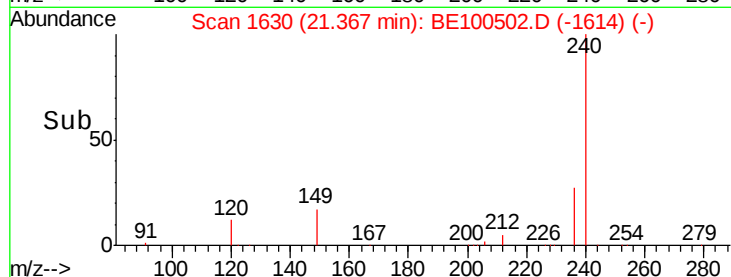
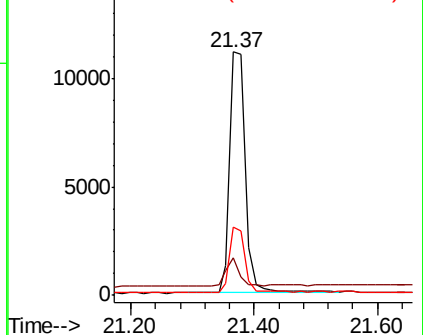
236 28.2 22.6 34.0



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: 0.376 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100502.D

Acq: 23 Jul 2019 15:32

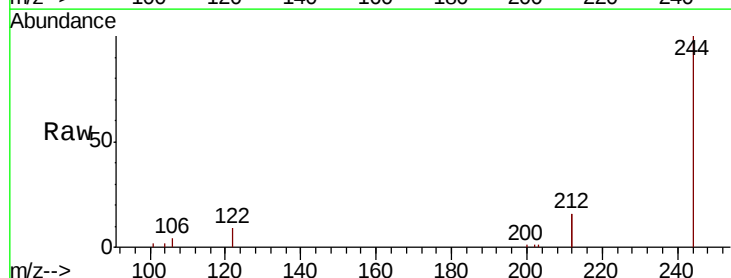
Tgt Ion:244 Resp: 18123

Ion Ratio Lower Upper

244 100

212 32.4 25.6 38.4

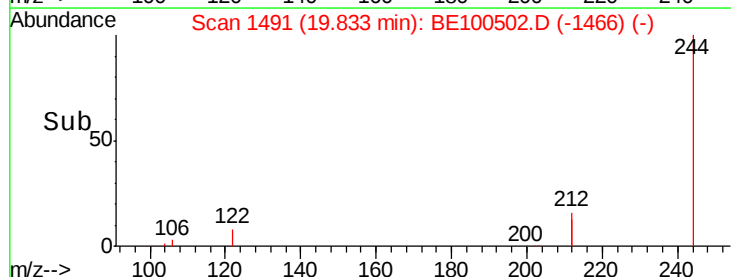
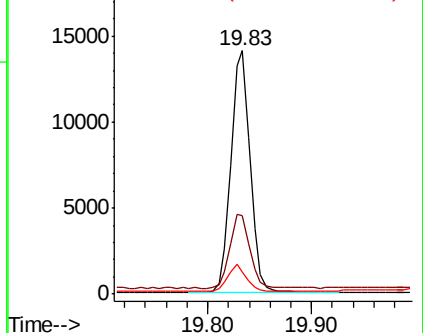
122 9.3 7.2 10.8

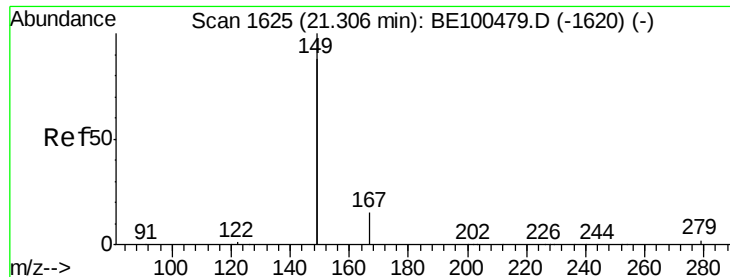


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.185 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100502.D

Acq: 23 Jul 2019 15:32

Instrument :

BNA_E

ClientSampleId :

KY038PS038-190715

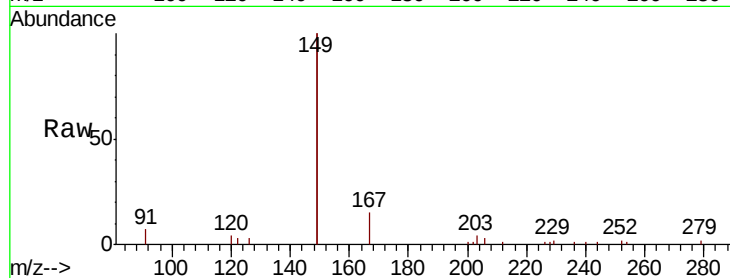
Tgt Ion:149 Resp: 25344

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

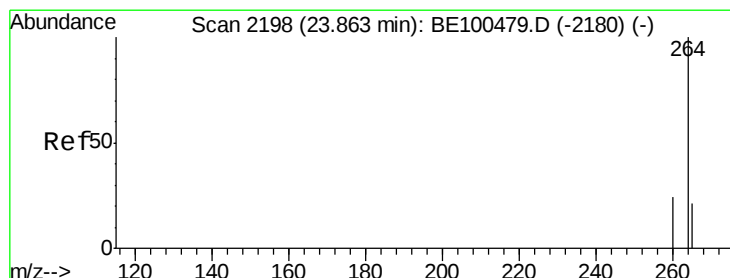
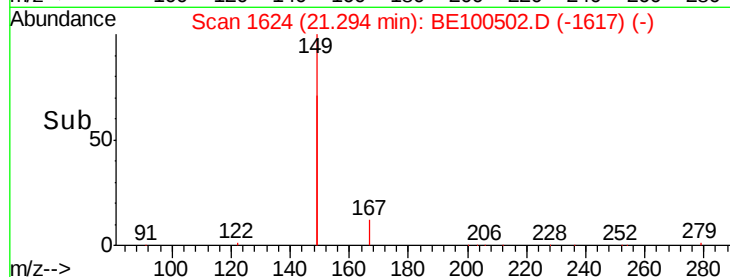
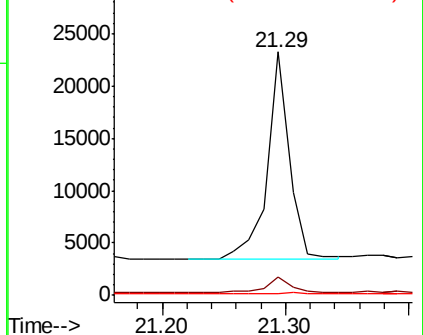
279 1.1 1.0 1.6



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: 23.85 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BE100502.D

Acq: 23 Jul 2019 15:32

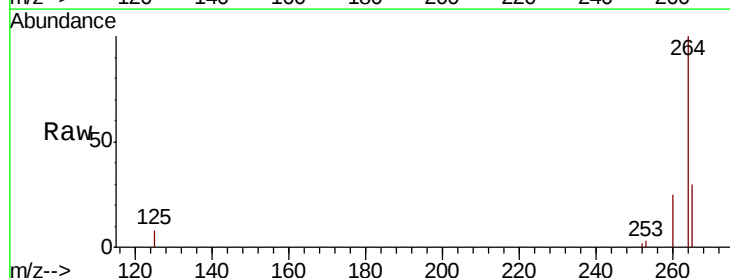
Tgt Ion:264 Resp: 21189

Ion Ratio Lower Upper

264 100

260 24.7 20.7 31.1

265 29.9 23.4 35.2



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

