

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102919\
 Data File : BE100697.D
 Acq On : 29 Oct 2019 16:16
 Operator : JU
 Sample : K5531-04RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 30 06:07:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 16:49:33 2019
 Response via : Initial Calibration

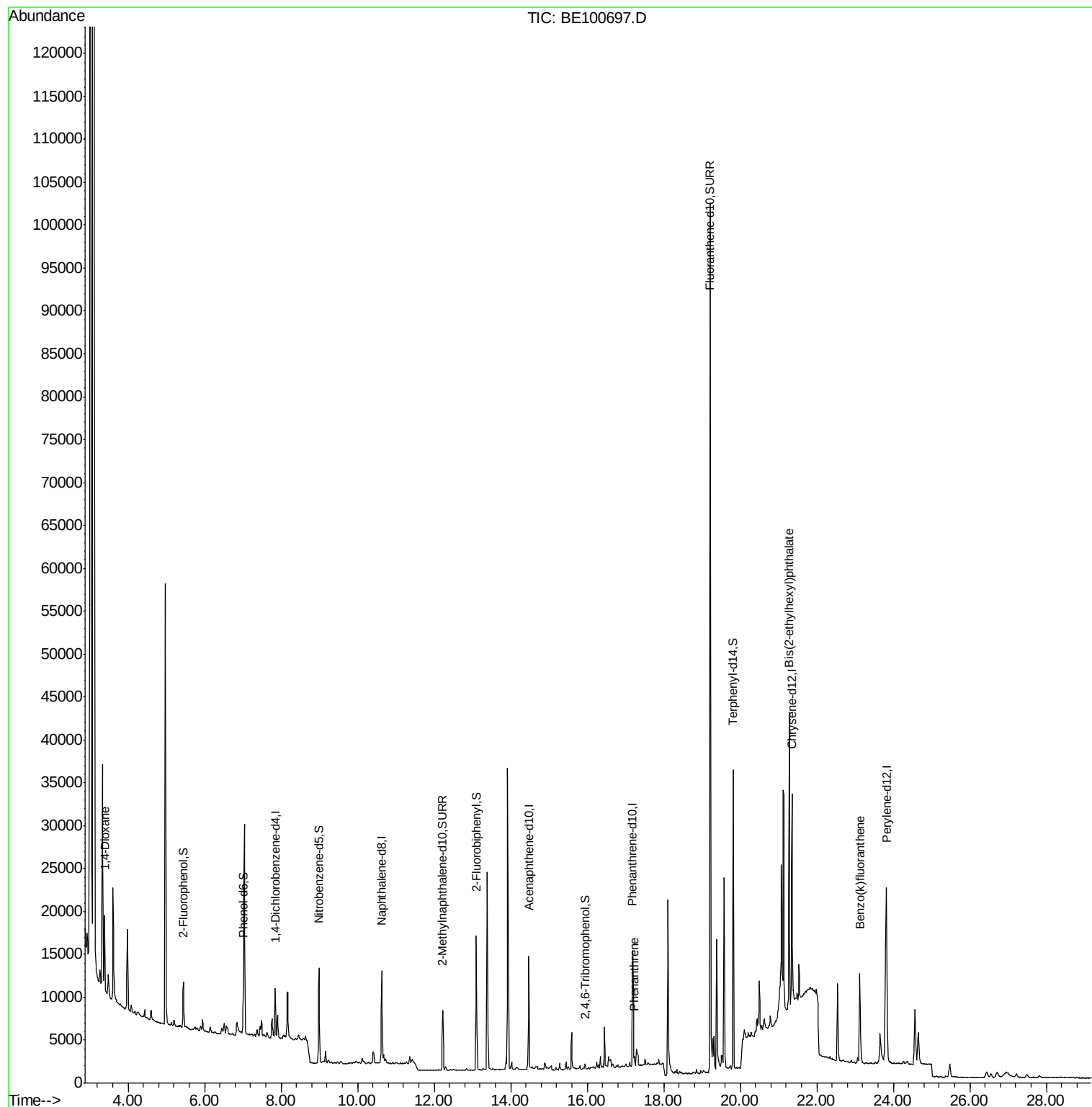
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	2761	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	12031	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	7689	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18673	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	25507	0.40	ng	0.00
34) Perylene-d12	23.82	264	28783	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	2831	0.33	ng	0.00
5) Phenol-d6	7.01	99	2900	0.24	ng	0.00
8) Nitrobenzene-d5	8.99	82	4493	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8997	0.47	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	346	0.17	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	13729	0.49	ng	0.00
25) Fluoranthene-d10	19.21	212	135362	0.56	ng	0.00
29) Terphenyl-d14	19.81	244	32346	0.58	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.38	88	5411	1.098	ng	# 81
23) Phenanthrene	17.23	178	1248	0.024	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.28	149	40074	0.230	ng	100
36) Benzo(k)fluoranthene	23.12	252	2208	0.026	ng	# 1

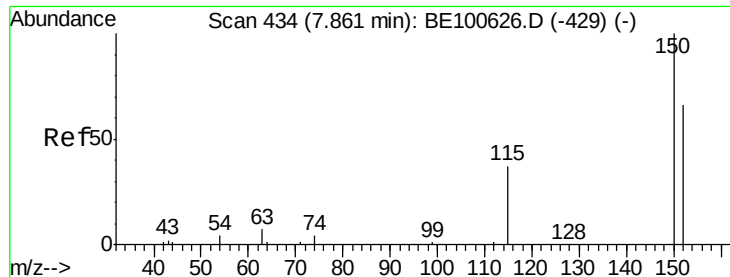
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102919\
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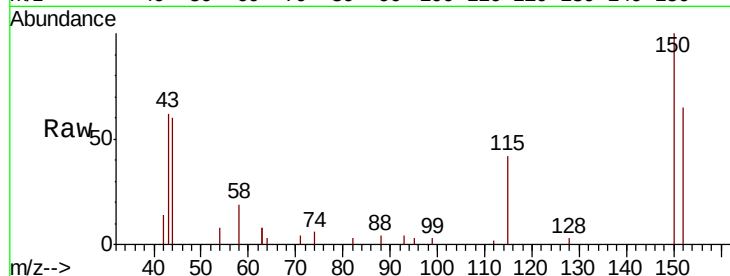


#1

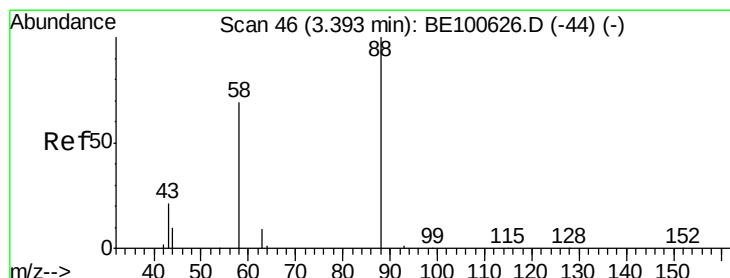
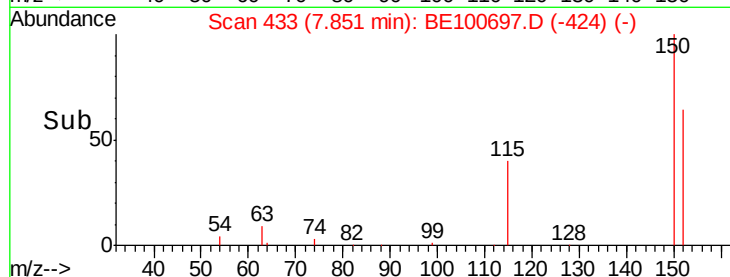
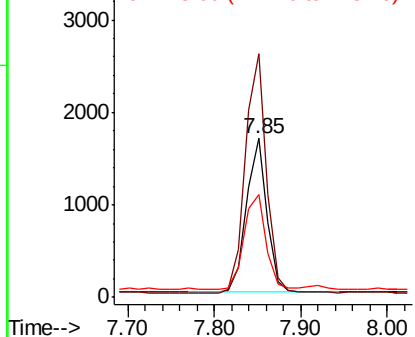
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100697.D
Acq: 29 Oct 2019 16:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2761
Ion Ratio Lower Upper
152 100
150 153.5 123.3 184.9
115 64.8 51.9 77.9



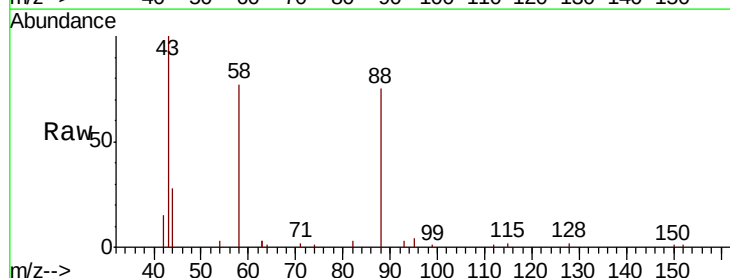
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



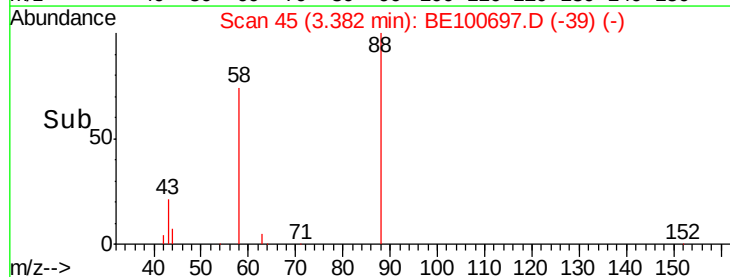
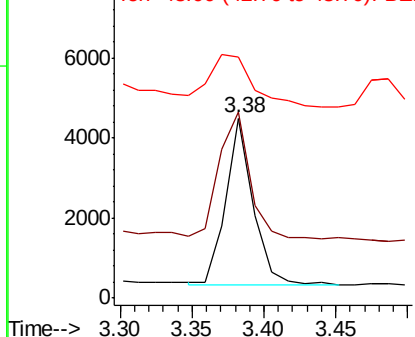
#2

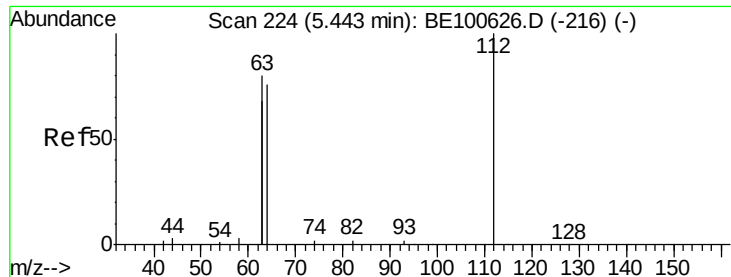
1,4-Dioxane
Concen: 1.098 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100697.D
Acq: 29 Oct 2019 16:16

Tgt Ion: 88 Resp: 5411
Ion Ratio Lower Upper
88 100
58 85.2 59.8 89.6
43 50.9 24.6 36.8#



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: 0.332 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100697.D

Acq: 29 Oct 2019 16:16

Instrument :

BNA_E

ClientSampleId :

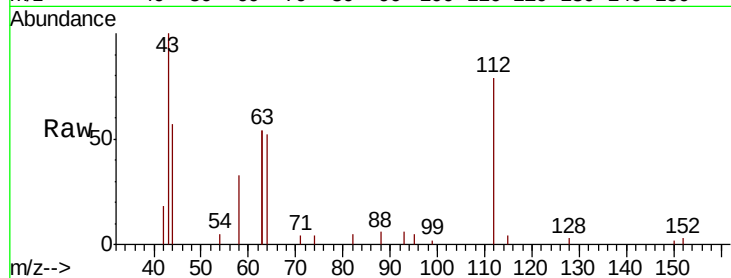
Tot Ion:112 Resp: 2831

Ion Ratio Lower Upper

112 100

64 74.2 55.4 83.2

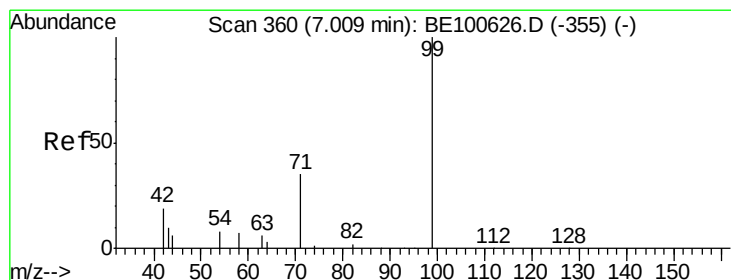
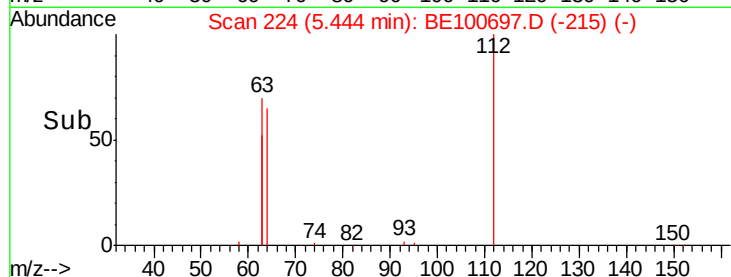
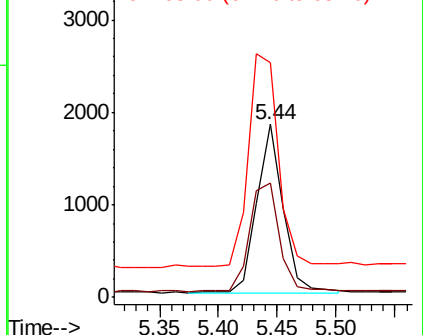
63 145.2 114.2 171.4



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: 0.241 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100697.D

Acq: 29 Oct 2019 16:16

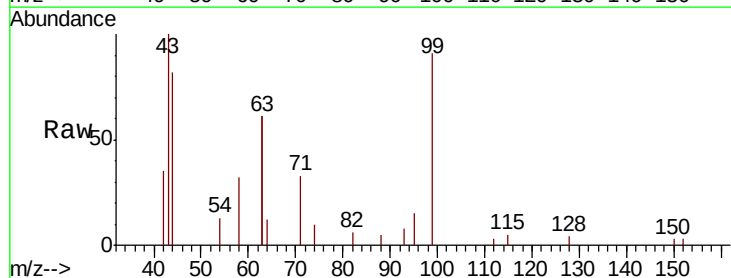
Tgt Ion: 99 Resp: 2900

Ion Ratio Lower Upper

99 100

42 54.6 17.7 26.5#

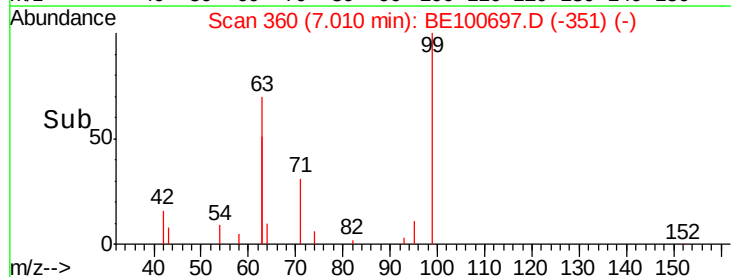
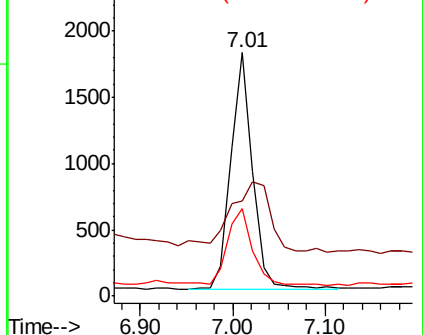
71 36.6 27.4 41.0

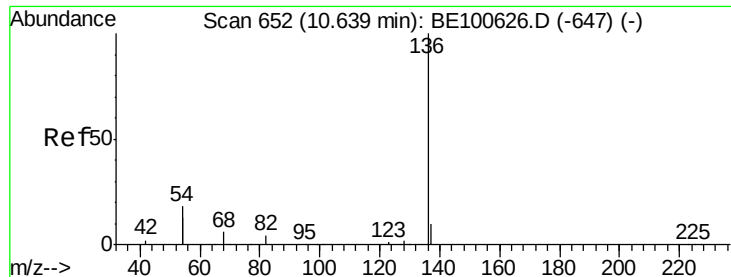


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100697.D

Acq: 29 Oct 2019 16:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 12031

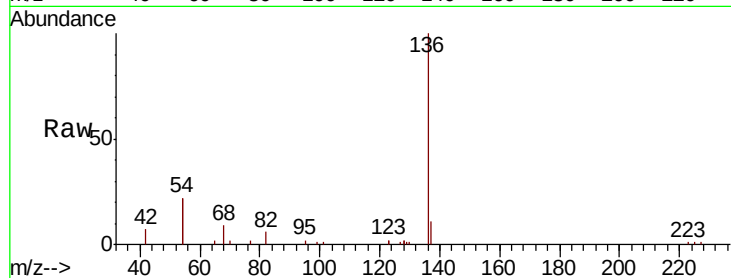
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 43.3 39.4 59.2

68 9.4 8.0 12.0

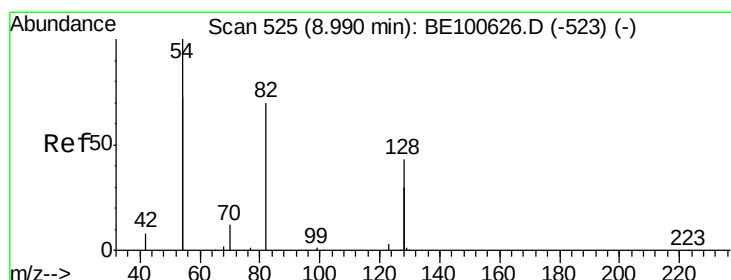
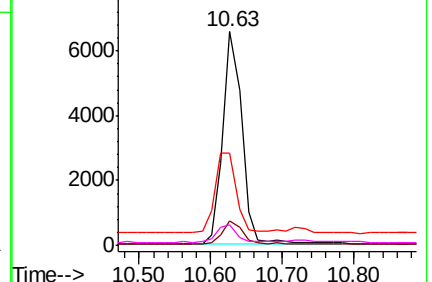
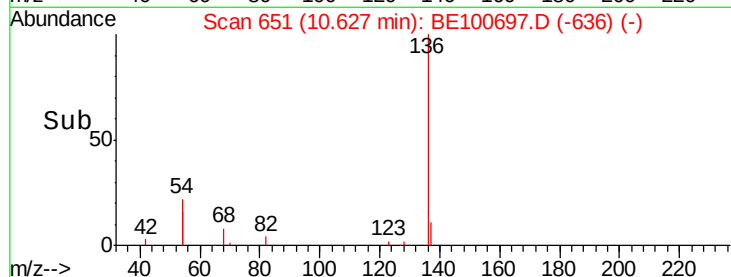


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.603 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100697.D

Acq: 29 Oct 2019 16:16

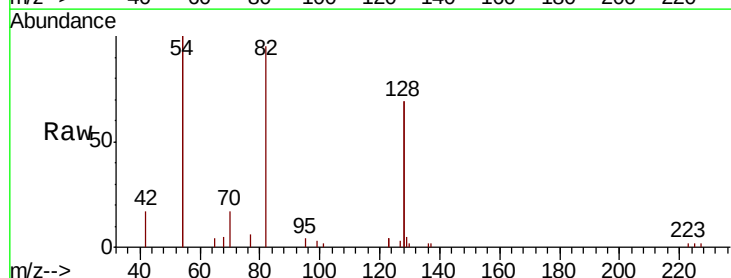
Tgt Ion: 82 Resp: 4493

Ion Ratio Lower Upper

82 100

128 145.9 107.8 161.8

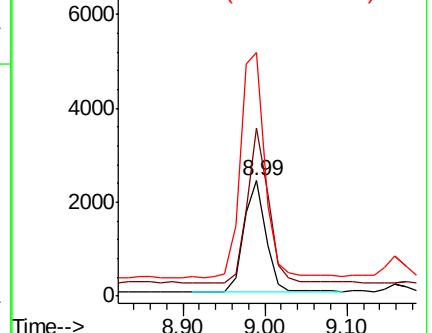
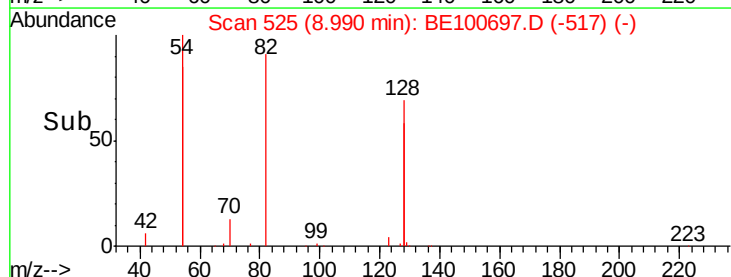
54 210.9 166.1 249.1

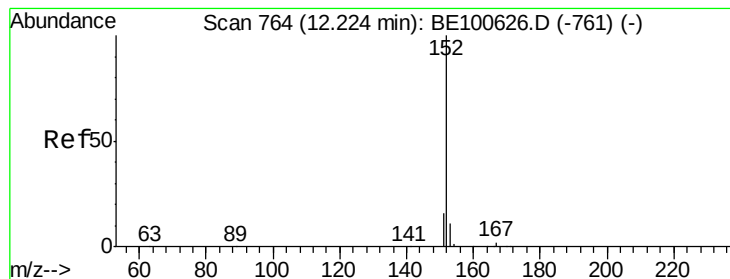


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.474 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100697.D

Acq: 29 Oct 2019 16:16

Instrument :

BNA_E

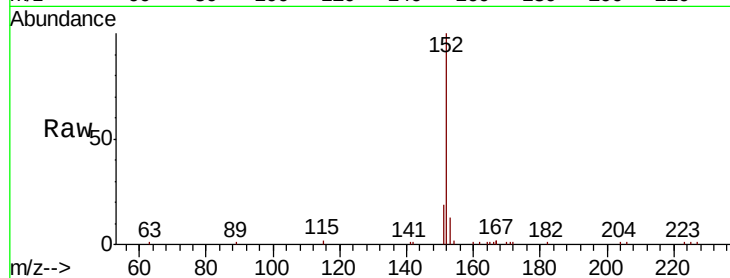
ClientSampleId :

Tot Ion:152 Resp: 8997

Ion Ratio Lower Upper

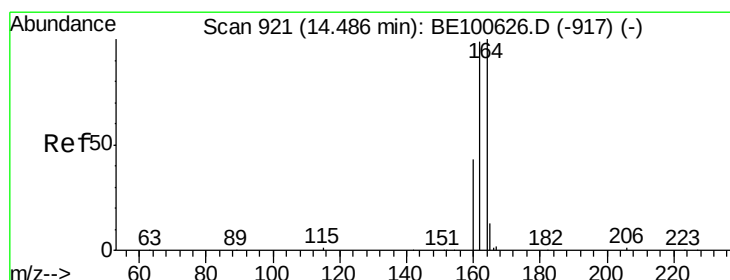
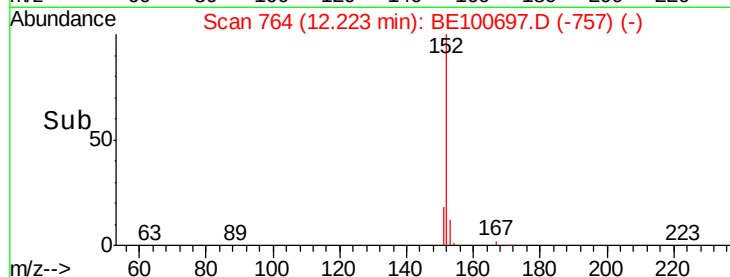
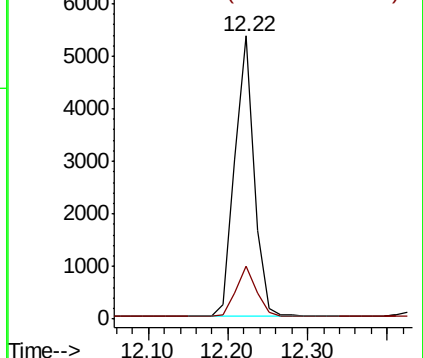
152 100

151 18.7 14.7 22.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100697.D

Acq: 29 Oct 2019 16:16

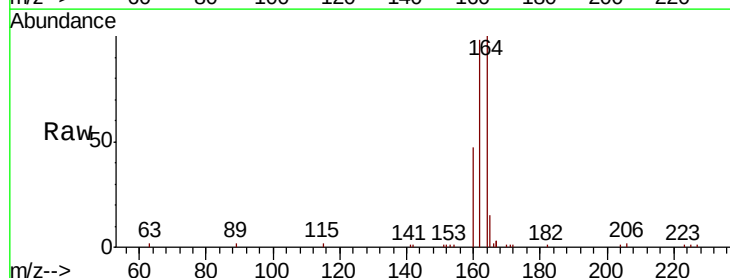
Tgt Ion:164 Resp: 7689

Ion Ratio Lower Upper

164 100

162 98.3 82.0 123.0

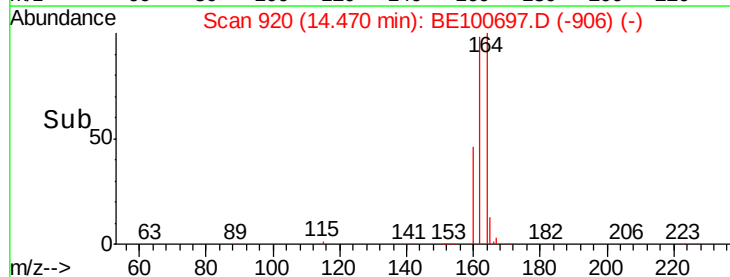
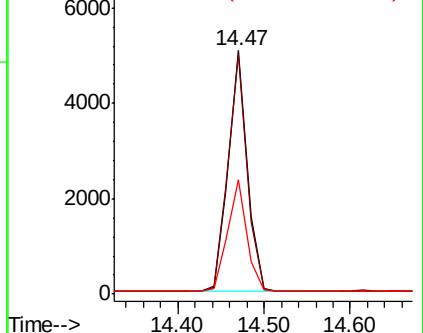
160 46.7 37.5 56.3

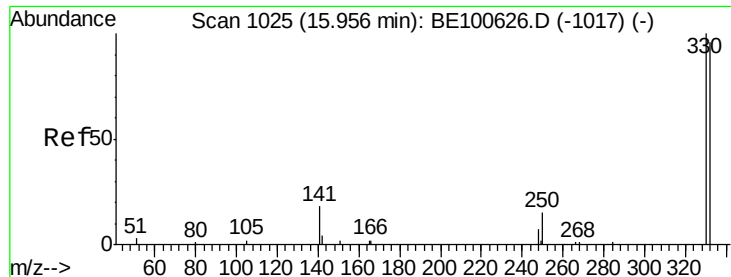


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.170 ng

RT: 15.94 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BE100697.D

Acq: 29 Oct 2019 16:16

Instrument :

BNA_E

ClientSampleId :

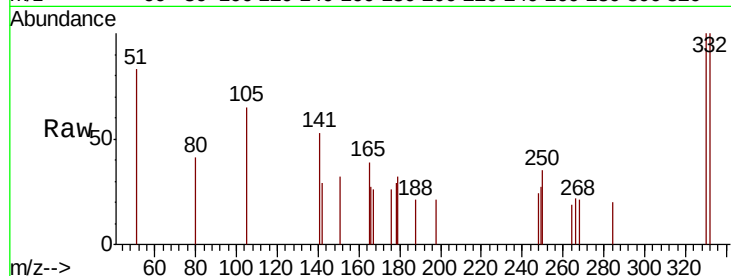
Tot Ion:330 Resp: 346

Ion Ratio Lower Upper

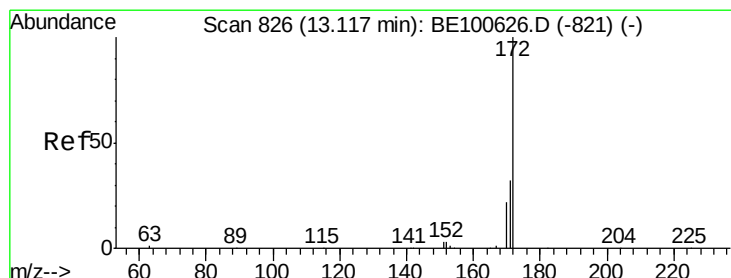
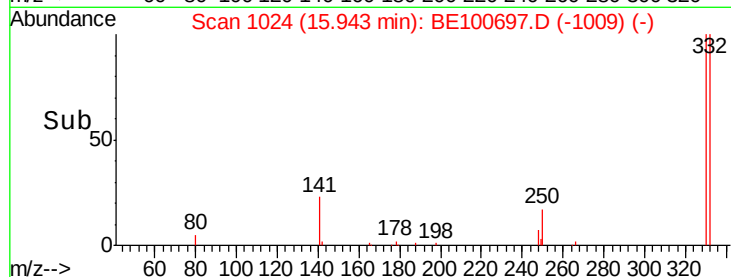
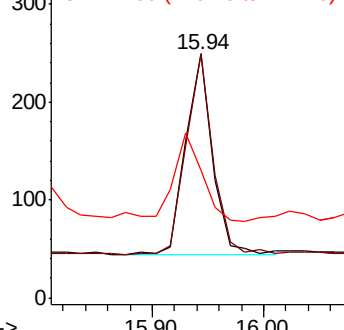
330 100

332 103.2 77.9 116.9

141 49.4 33.0 49.6



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: 0.490 ng

RT: 13.10 min Scan# 825

Delta R.T. -0.00 min

Lab File: BE100697.D

Acq: 29 Oct 2019 16:16

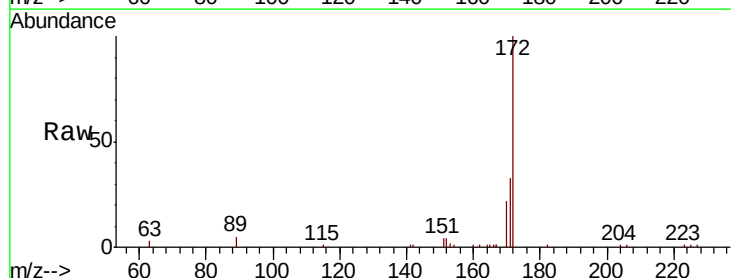
Tgt Ion:172 Resp: 13729

Ion Ratio Lower Upper

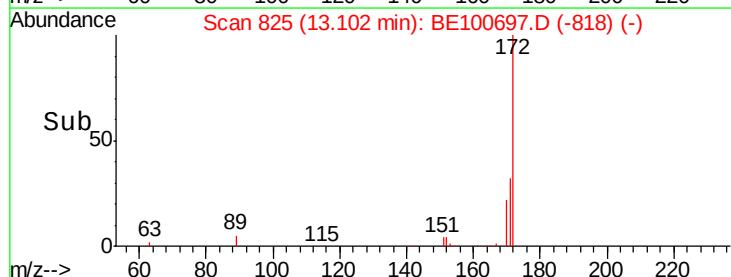
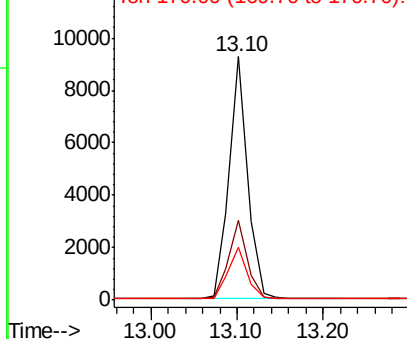
172 100

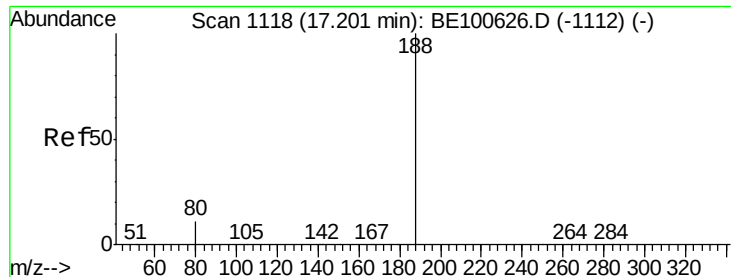
171 32.7 26.5 39.7

170 21.9 19.0 28.4



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: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100697.D

Acq: 29 Oct 2019 16:16

Instrument :

BNA_E

ClientSampleId :

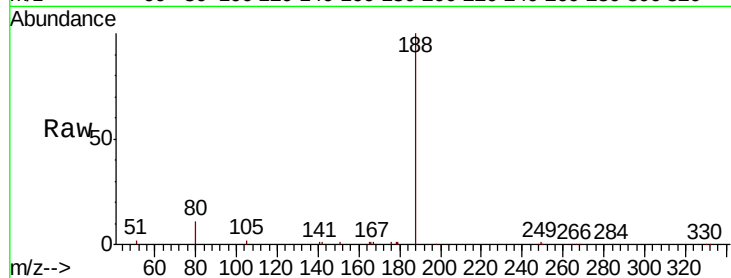
Tot Ion:188 Resp: 18673

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

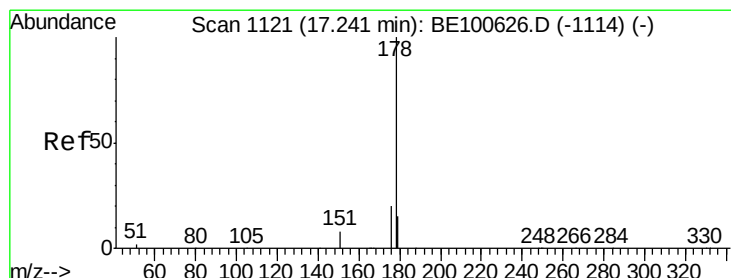
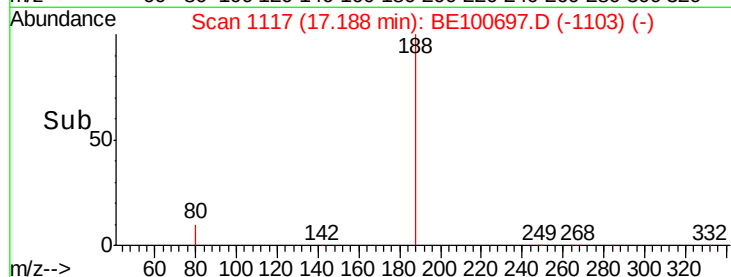
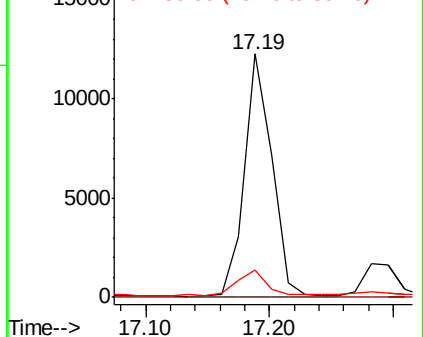
80 11.3 5.4 8.0#



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



#23

Phenanthrene

Concen: 0.024 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE100697.D

Acq: 29 Oct 2019 16:16

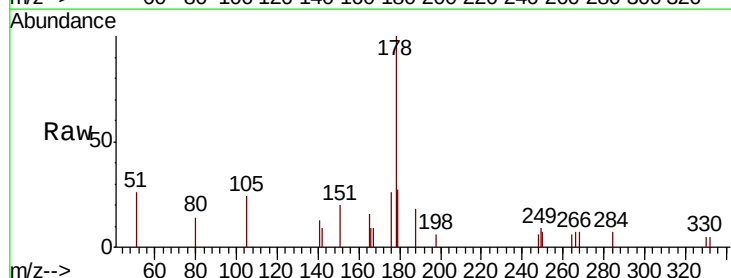
Tgt Ion:178 Resp: 1248

Ion Ratio Lower Upper

178 100

176 20.8 15.2 22.8

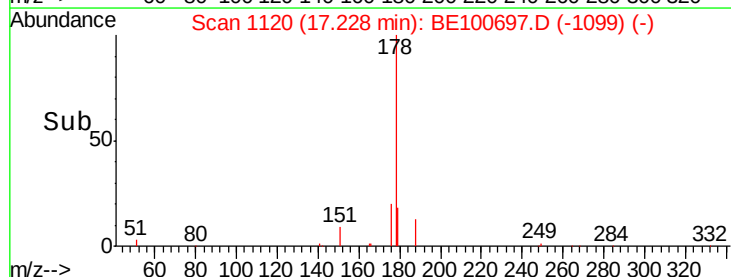
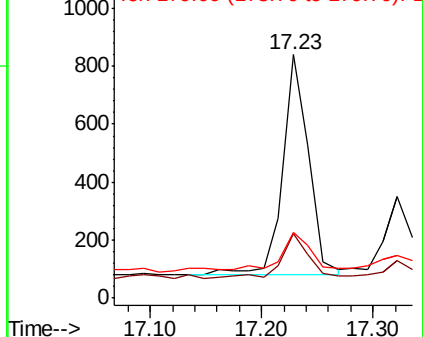
179 18.2 12.1 18.1#

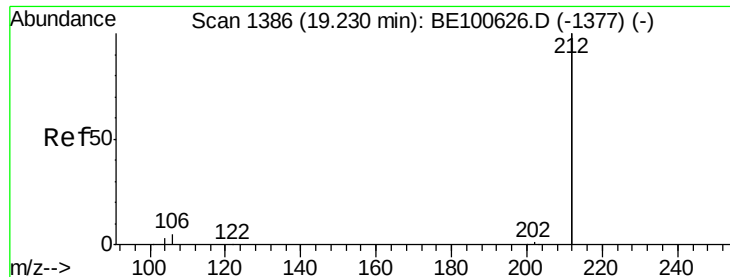


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

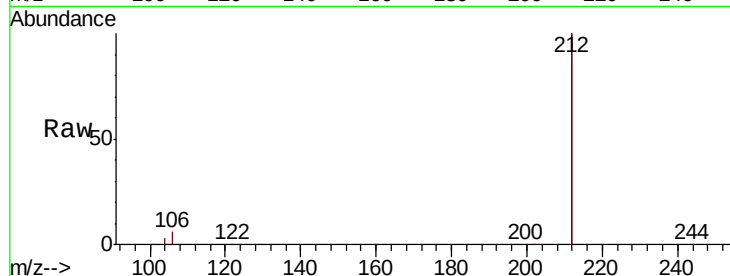




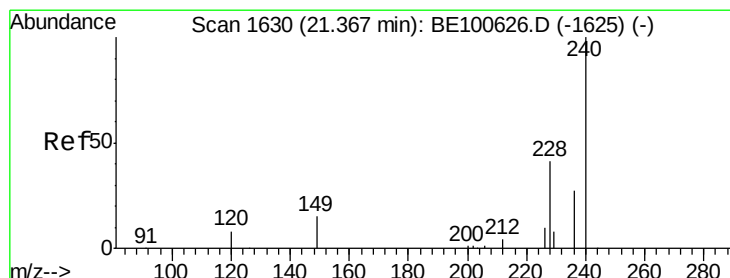
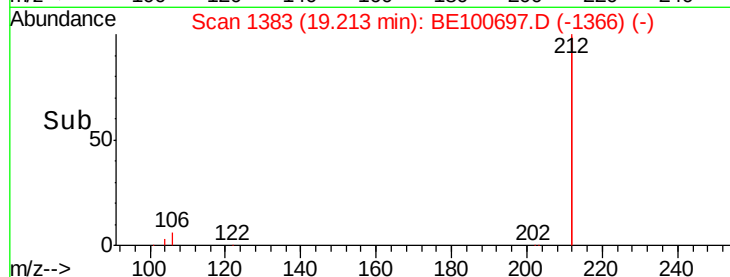
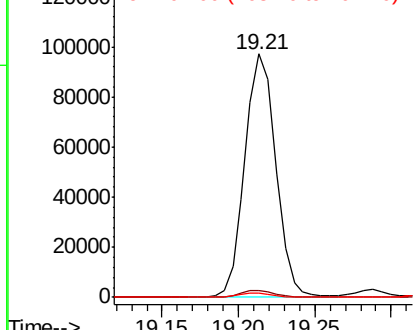
#25
Fluoranthene-d10
Concen: 0.562 ng
RT: 19.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BE100697.D
Acq: 29 Oct 2019 16:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:212 Resp: 135362
Ion Ratio Lower Upper
212 100
106 3.1 2.3 3.5
104 1.7 1.3 1.9

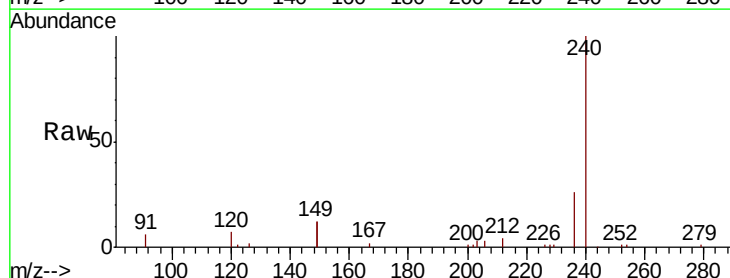


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

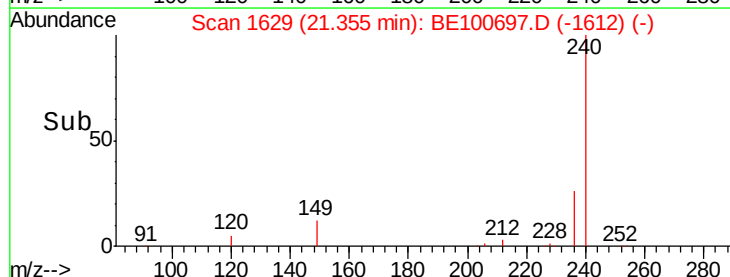
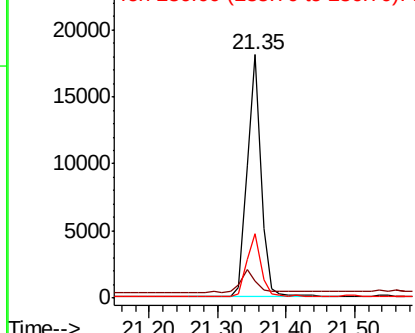


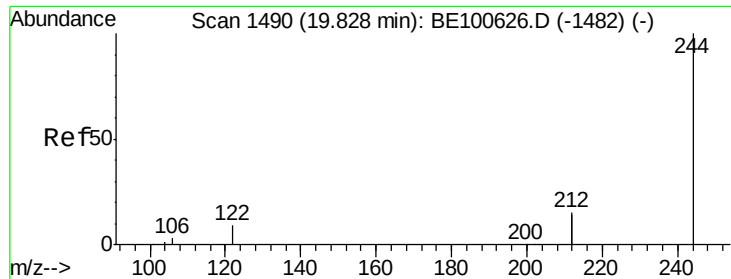
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100697.D
Acq: 29 Oct 2019 16:16

Tgt Ion:240 Resp: 25507
Ion Ratio Lower Upper
240 100
120 7.2 7.6 11.4#
236 26.5 22.1 33.1



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: 0.580 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE100697.D

Acq: 29 Oct 2019 16:16

Instrument :

BNA_E

ClientSampleId :

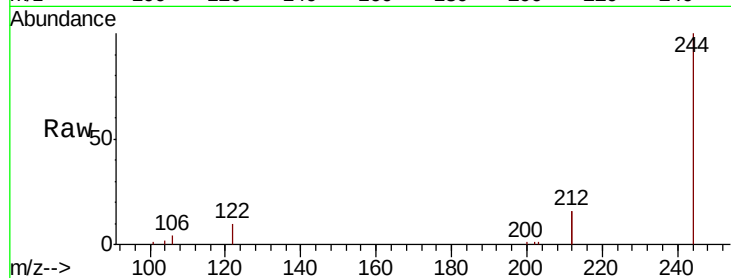
Tot Ion:244 Resp: 32346

Ion Ratio Lower Upper

244 100

212 31.3 23.7 35.5

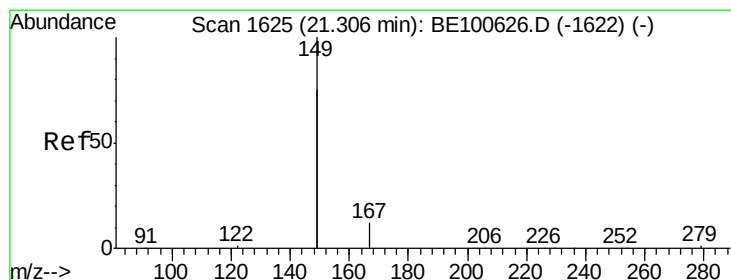
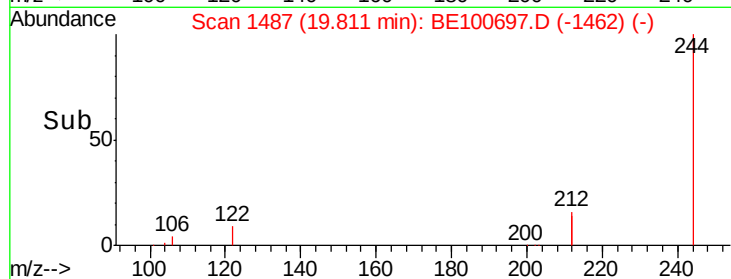
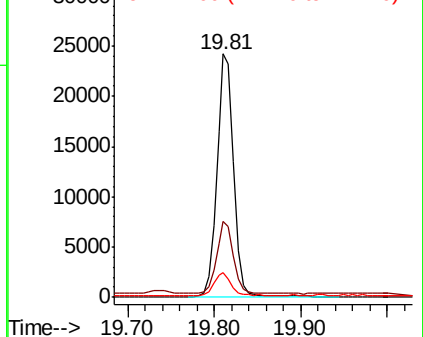
122 10.3 7.9 11.9



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: 0.230 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100697.D

Acq: 29 Oct 2019 16:16

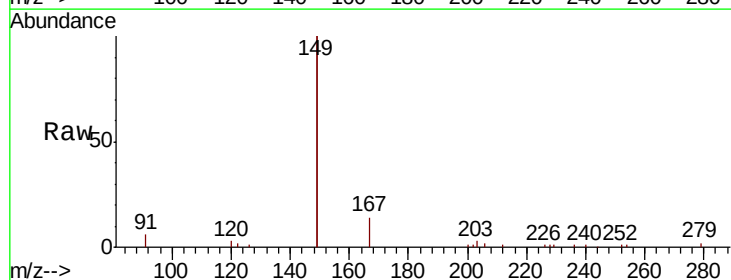
Tgt Ion:149 Resp: 40074

Ion Ratio Lower Upper

149 100

167 7.0 5.5 8.3

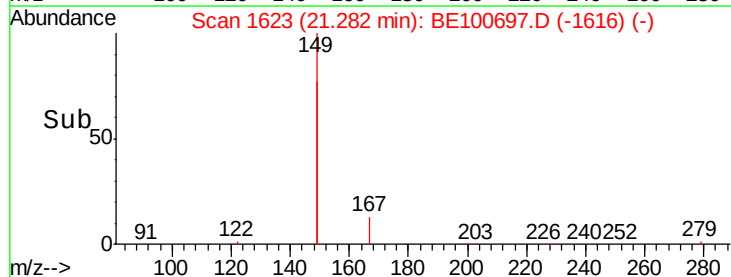
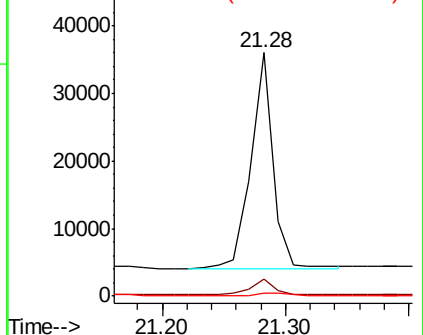
279 1.1 0.9 1.3

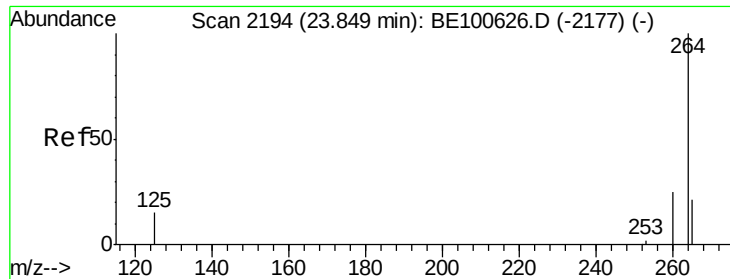


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

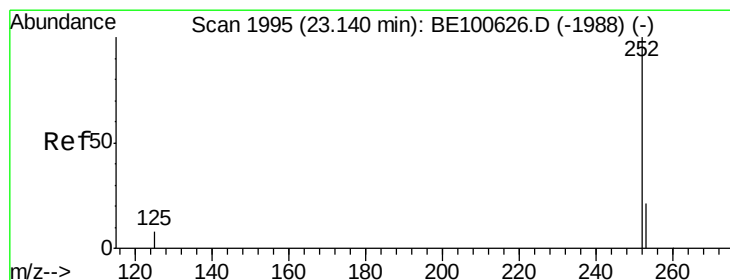
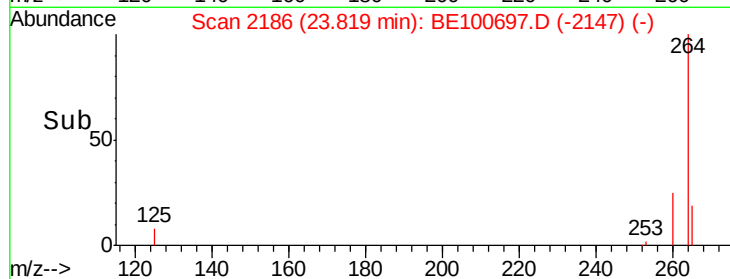
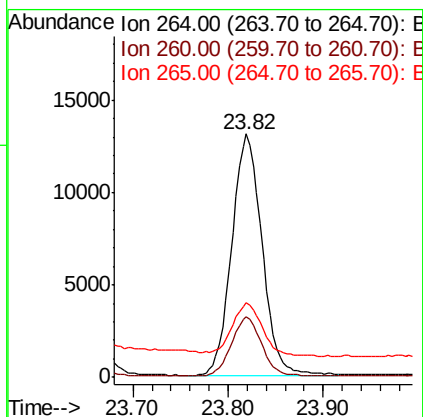
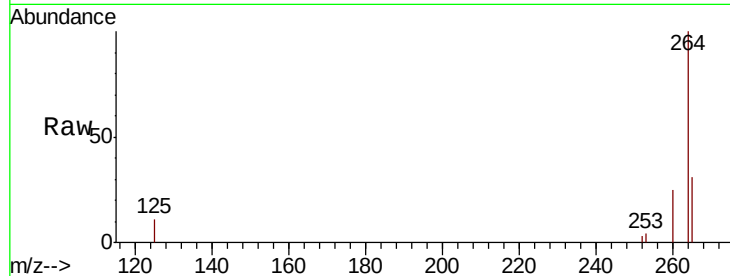




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.82 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BE100697.D
Acq: 29 Oct 2019 16:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:264 Resp: 28783
Ion Ratio Lower Upper
264 100
260 25.1 19.4 29.2
265 30.8 21.7 32.5



#36
Benzo(k)fluoranthene
Concen: 0.026 ng
RT: 23.12 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BE100697.D
Acq: 29 Oct 2019 16:16

Tgt Ion:252 Resp: 2208
Ion Ratio Lower Upper
252 100
253 137.0 18.4 27.6#
125 614.0 11.6 17.4#

