

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
 Data File : BE100691.D
 Acq On : 29 Oct 2019 1:50
 Operator : JU
 Sample : K5575-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 11:55:03 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	3979	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	17499	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	11618	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	28984	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	35280	0.40	ng	0.00
34) Perylene-d12	23.82	264	40125	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	2660	0.22	ng	0.00
5) Phenol-d6	7.01	99	3031	0.17	ng	0.00
8) Nitrobenzene-d5	8.99	82	3557	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	7699	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1688	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	11130	0.26	ng	0.00
25) Fluoranthene-d10	19.21	212	140581	0.38	ng	0.00
29) Terphenyl-d14	19.81	244	30797	0.40	ng	0.00

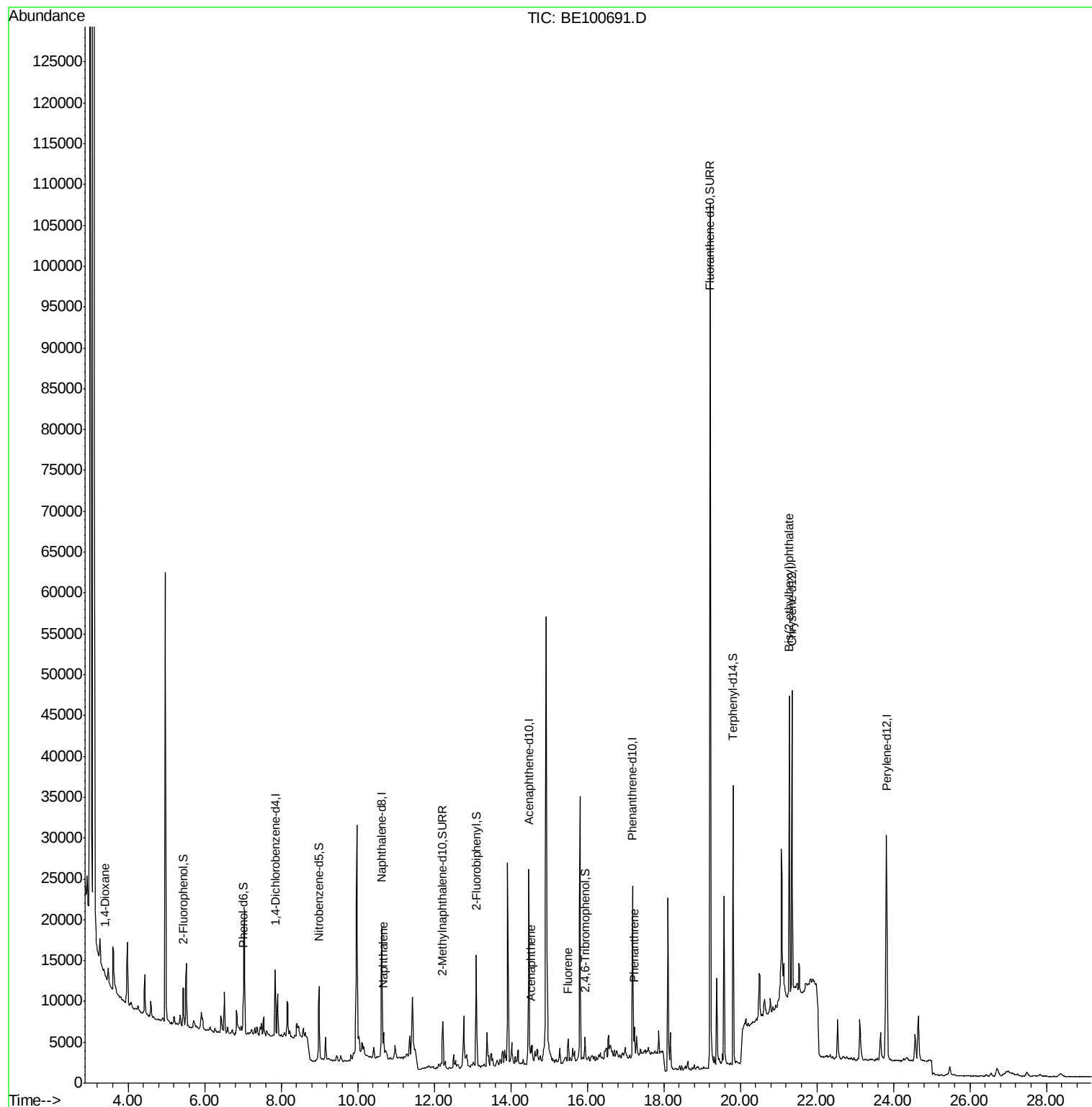
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	442	0.062	ng	# 21
9) Naphthalene	10.68	128	4503	0.024	ng	# 92
17) Acenaphthene	14.53	154	723	0.022	ng	# 69
18) Fluorene	15.50	166	1934	0.045	ng	# 82
23) Phenanthrene	17.23	178	4167	0.052	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.28	149	42471	0.176	ng	99

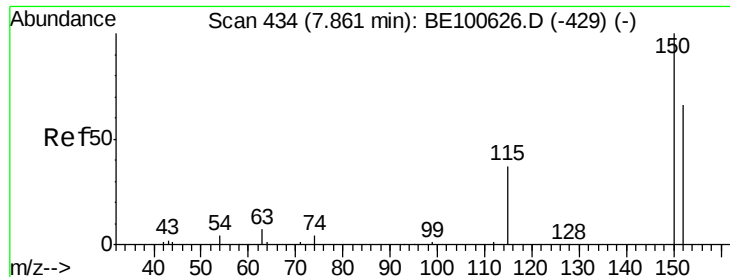
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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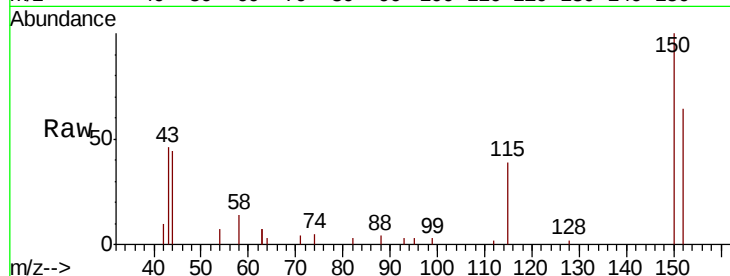


#1

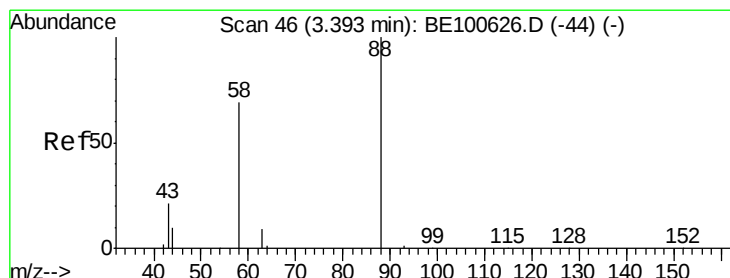
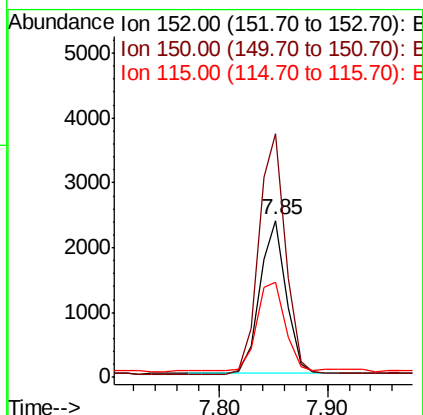
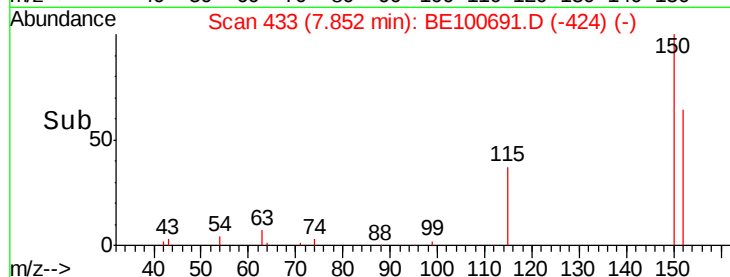
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE100691.D
Acq: 29 Oct 2019 1:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion: 152 Resp: 3979
Ion Ratio Lower Upper
152 100
150 155.2 123.3 184.9
115 60.3 51.9 77.9



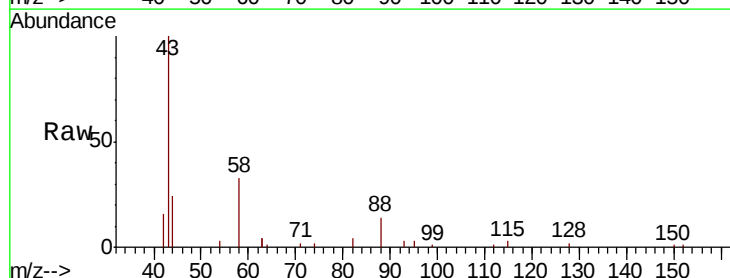
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



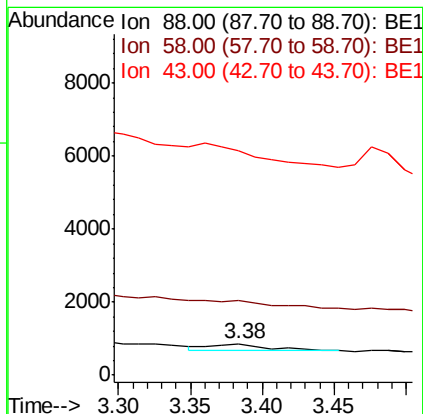
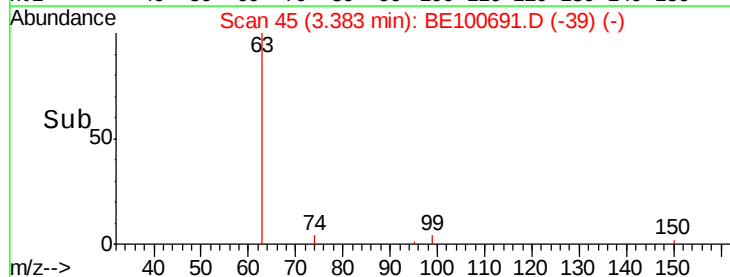
#2

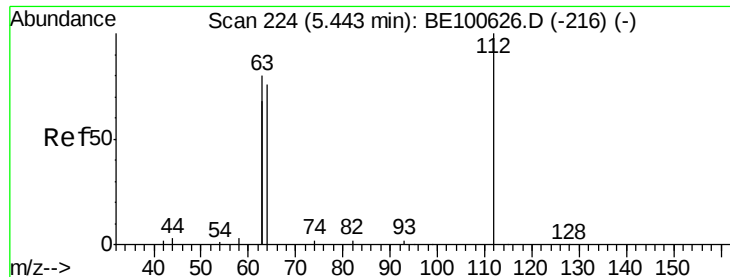
1,4-Dioxane
Concen: 0.062 ng
RT: 3.38 min Scan# 45
Delta R.T. 0.00 min
Lab File: BE100691.D
Acq: 29 Oct 2019 1:50

Tgt Ion: 88 Resp: 442
Ion Ratio Lower Upper
88 100
58 0.0 59.8 89.6#
43 0.0 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: 0.216 ng

RT: 5.45 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100691.D

Acq: 29 Oct 2019 1:50

Instrument :

BNA_E

ClientSampleId :

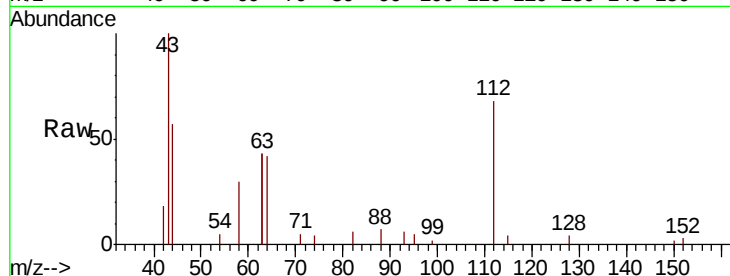
Tot Ion: 112 Resp: 2660

Ion Ratio Lower Upper

112 100

64 71.8 55.4 83.2

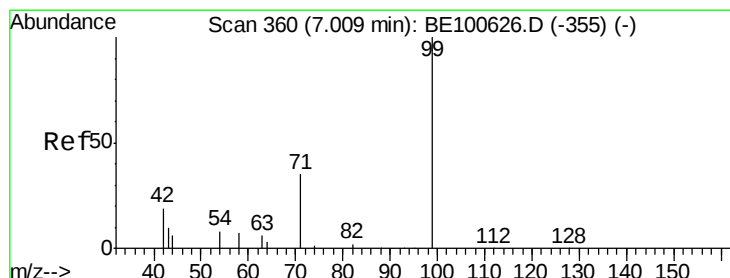
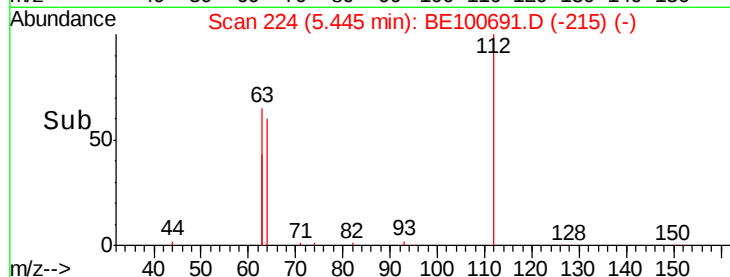
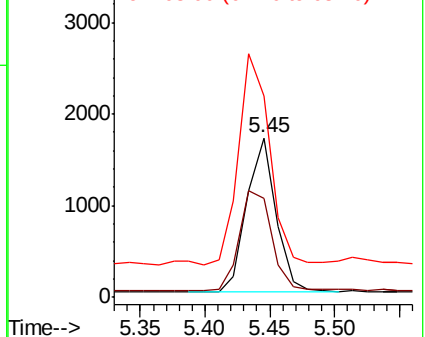
63 144.2 114.2 171.4



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: 0.175 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100691.D

Acq: 29 Oct 2019 1:50

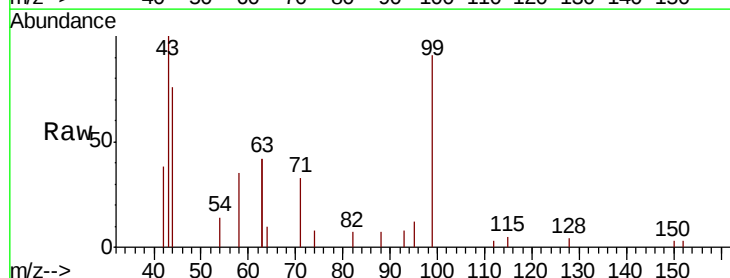
Tgt Ion: 99 Resp: 3031

Ion Ratio Lower Upper

99 100

42 46.8 17.7 26.5#

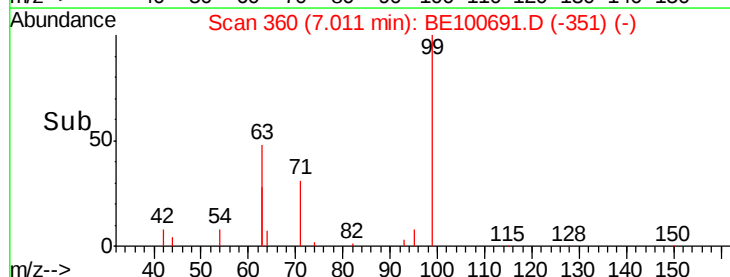
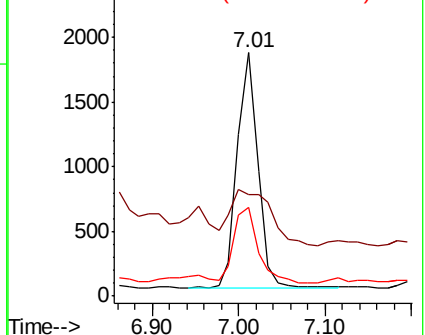
71 37.4 27.4 41.0

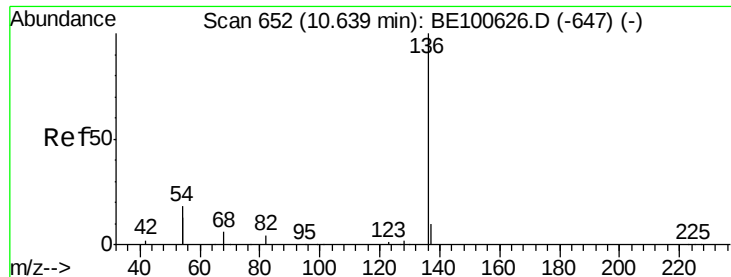


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE100691.D

Acq: 29 Oct 2019 1:50

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17499

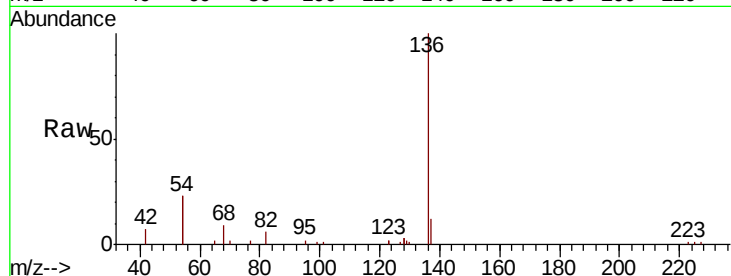
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 45.4 39.4 59.2

68 9.4 8.0 12.0

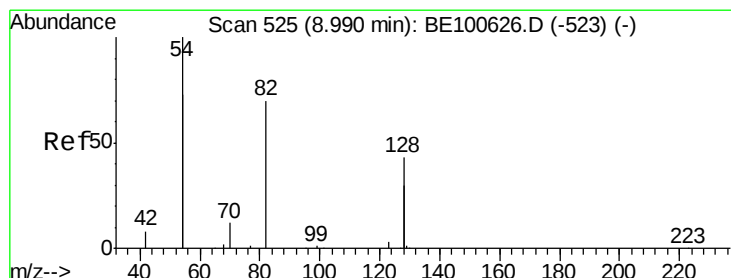
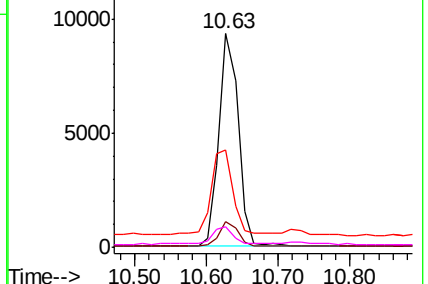
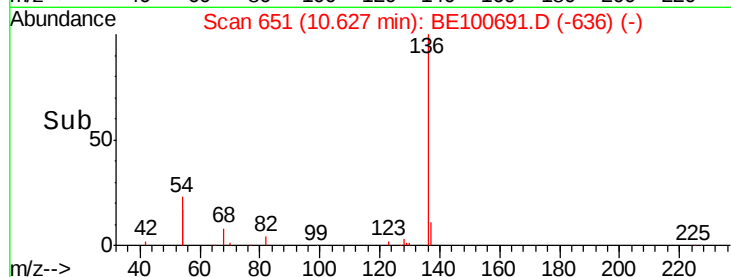


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.328 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100691.D

Acq: 29 Oct 2019 1:50

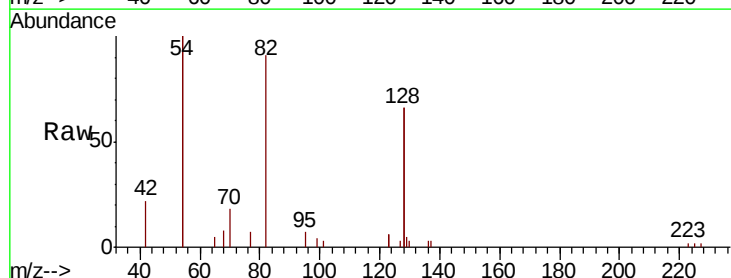
Tgt Ion: 82 Resp: 3557

Ion Ratio Lower Upper

82 100

128 146.2 107.8 161.8

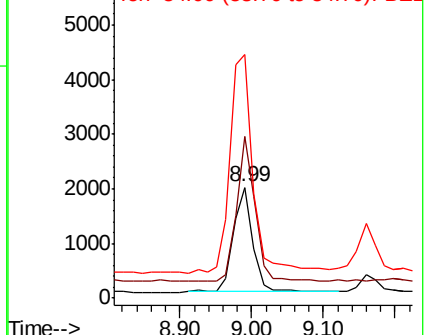
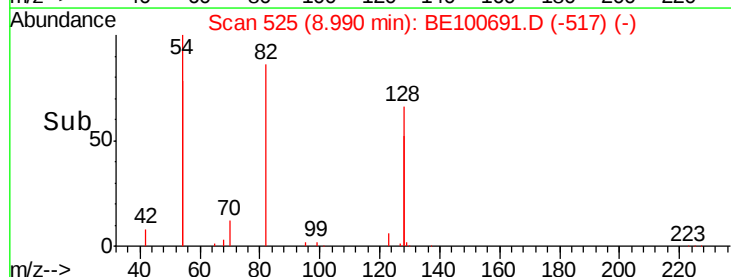
54 220.1 166.1 249.1

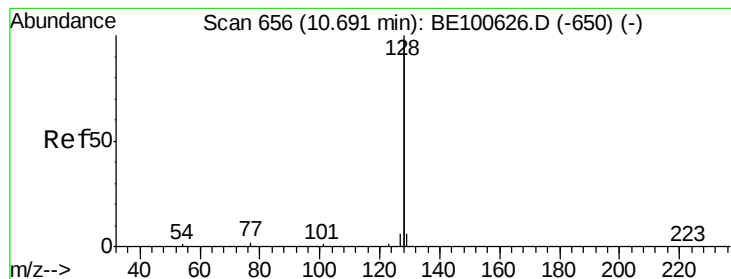


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.024 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100691.D

Acq: 29 Oct 2019 1:50

Instrument :

BNA_E

ClientSampleId :

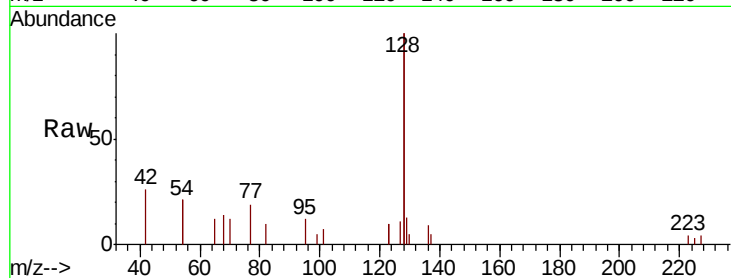
Tot Ion:128 Resp: 4503

Ion Ratio Lower Upper

128 100

129 6.3 2.3 3.5#

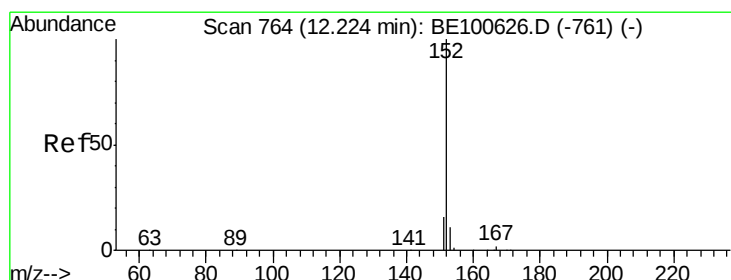
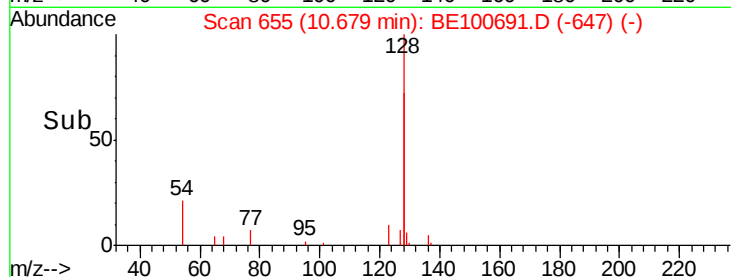
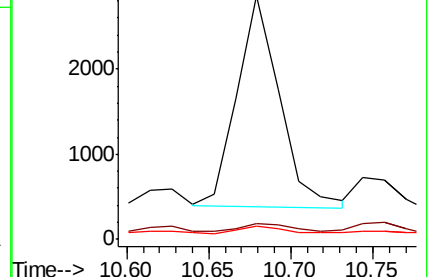
127 5.6 2.7 4.1#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.279 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100691.D

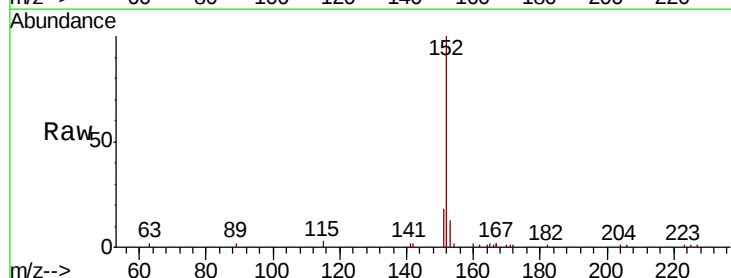
Acq: 29 Oct 2019 1:50

Tgt Ion:152 Resp: 7699

Ion Ratio Lower Upper

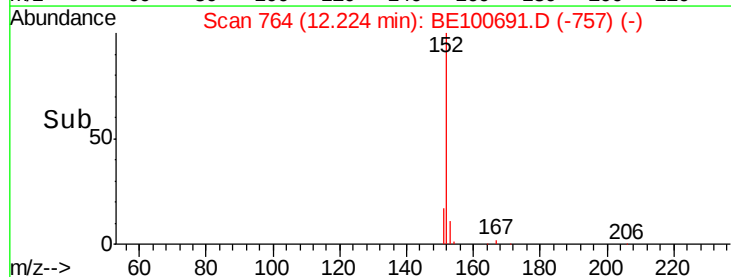
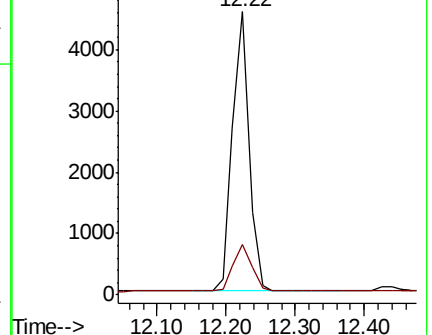
152 100

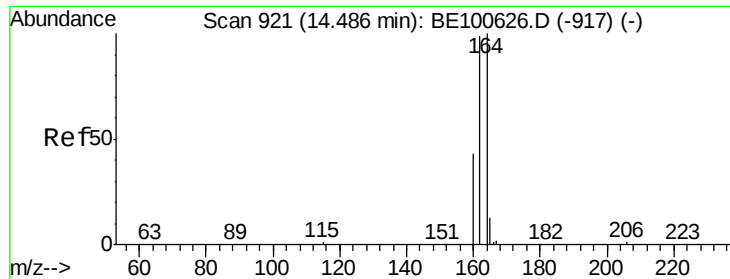
151 18.3 14.7 22.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

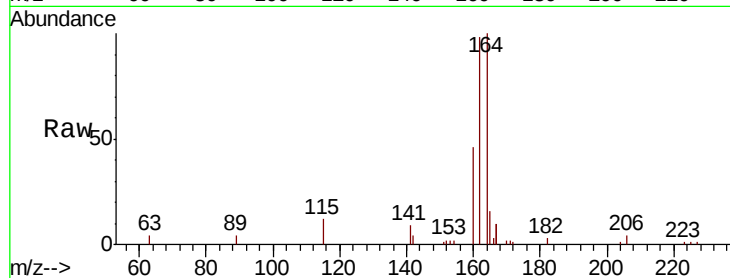




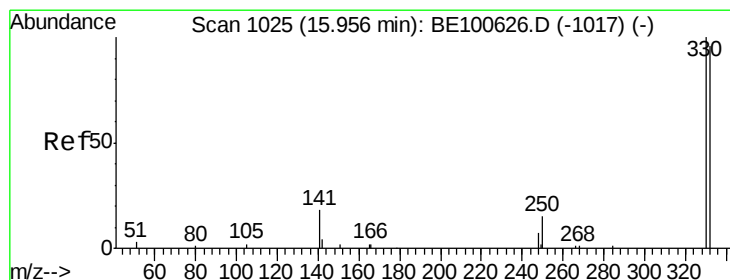
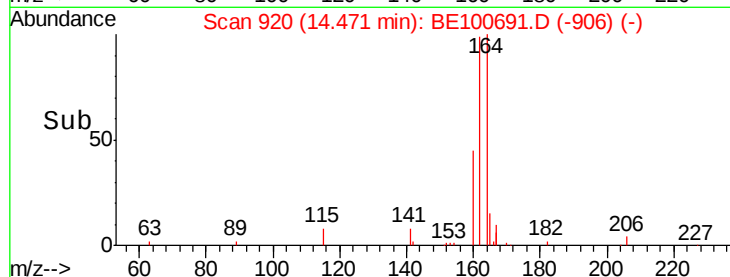
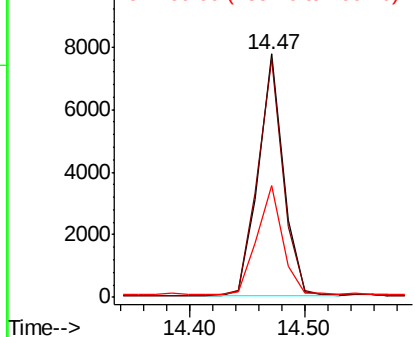
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100691.D
Acq: 29 Oct 2019 1:50

Instrument :
BNA_E
ClientSampled :

Tot Ion:164 Resp: 11618
Ion Ratio Lower Upper
164 100
162 98.2 82.0 123.0
160 45.7 37.5 56.3

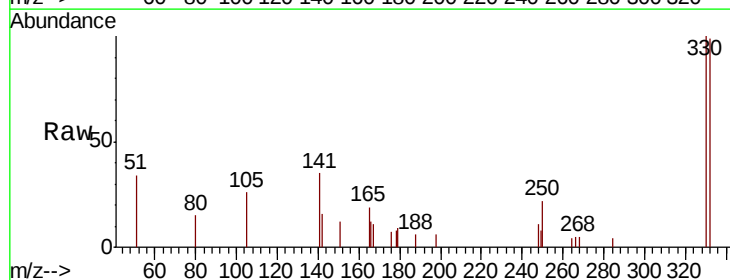


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

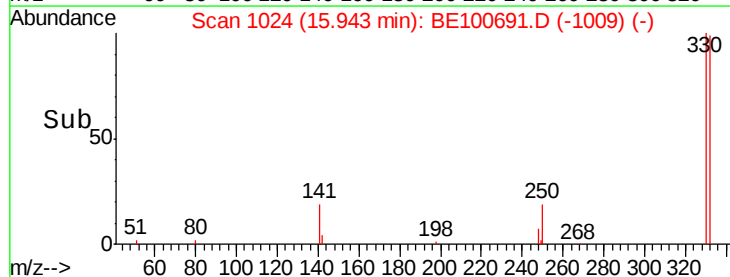
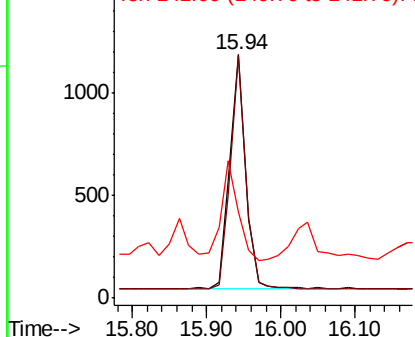


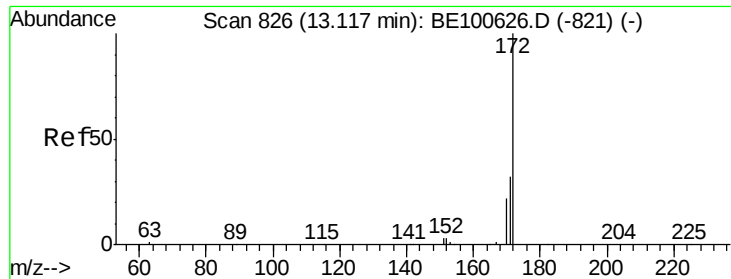
#14
2,4,6-Tribromophenol
Concen: 0.550 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE100691.D
Acq: 29 Oct 2019 1:50

Tgt Ion:330 Resp: 1688
Ion Ratio Lower Upper
330 100
332 96.7 77.9 116.9
141 46.7 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

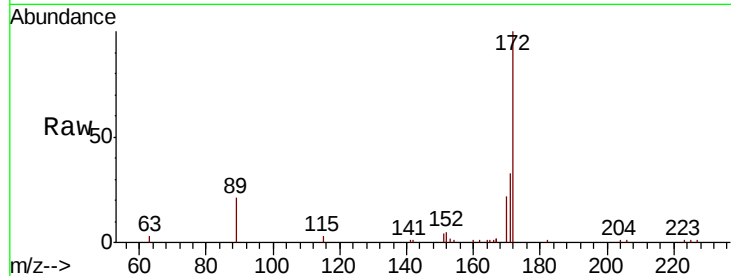




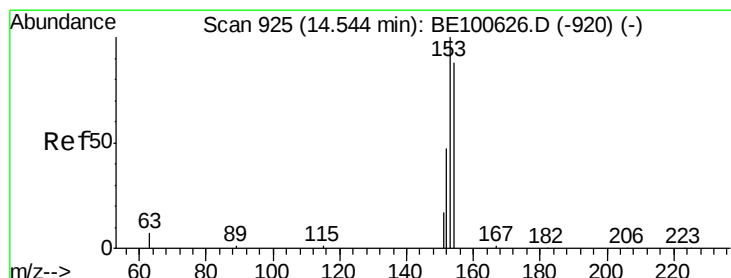
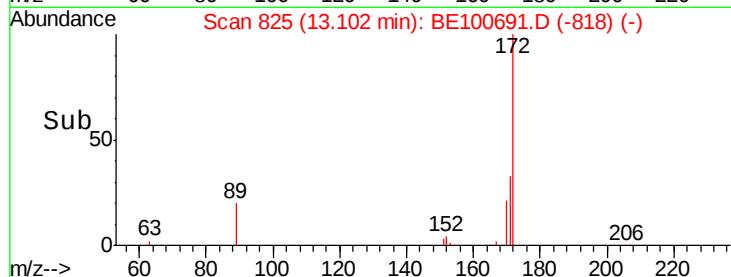
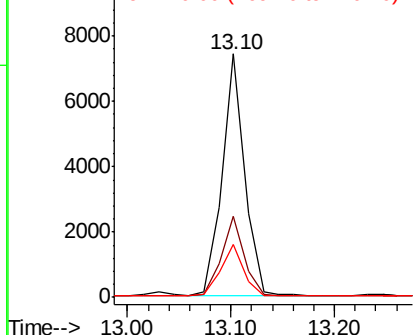
#15
2-Fluorobiphenyl
Concen: 0.263 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100691.D
Acq: 29 Oct 2019 1:50

Instrument :
BNA_E
ClientSampled :

Tot Ion:172 Resp: 11130
Ion Ratio Lower Upper
172 100
171 33.1 26.5 39.7
170 21.9 19.0 28.4

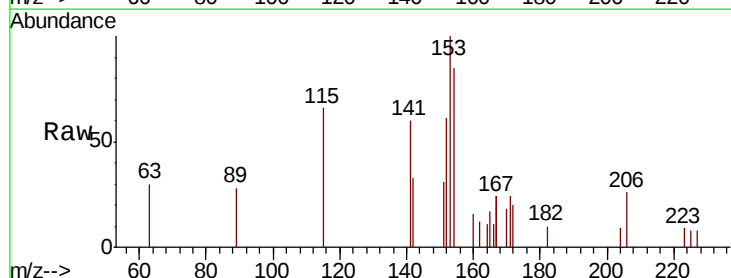


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

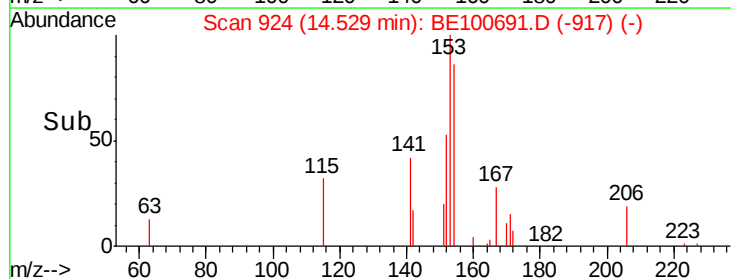
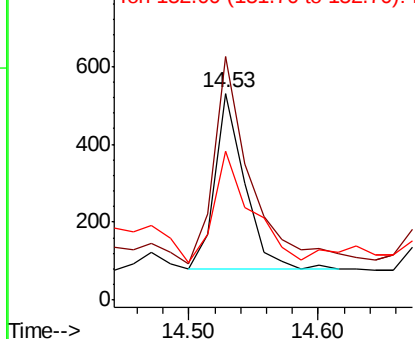


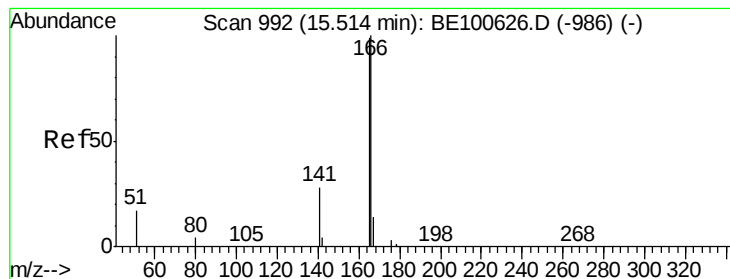
#17
Acenaphthene
Concen: 0.022 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100691.D
Acq: 29 Oct 2019 1:50

Tgt Ion:154 Resp: 723
Ion Ratio Lower Upper
154 100
153 144.4 89.4 134.2#
152 79.0 44.1 66.1#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.045 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.00 min

Lab File: BE100691.D

Acq: 29 Oct 2019 1:50

Instrument :

BNA_E

ClientSampleId :

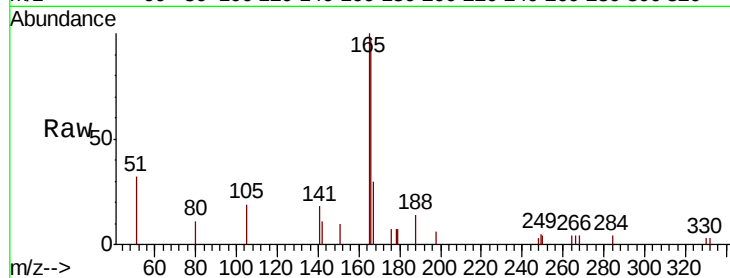
Tot Ion:166 Resp: 1934

Ion Ratio Lower Upper

166 100

165 113.1 78.6 117.8

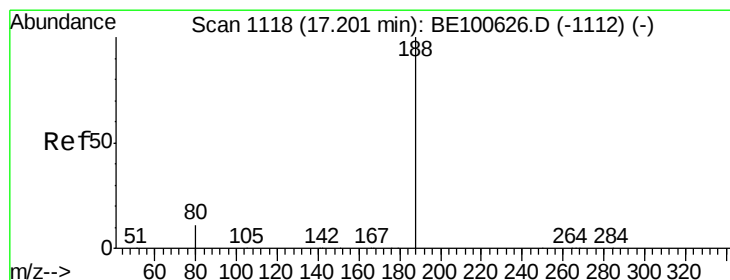
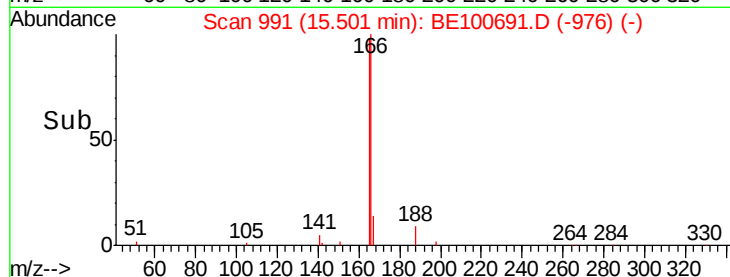
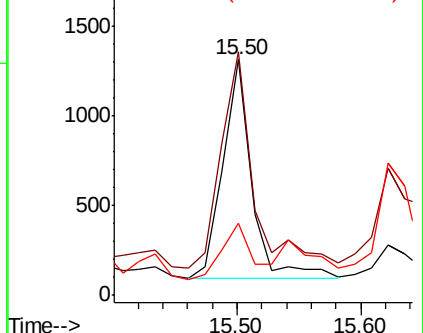
167 27.8 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100691.D

Acq: 29 Oct 2019 1:50

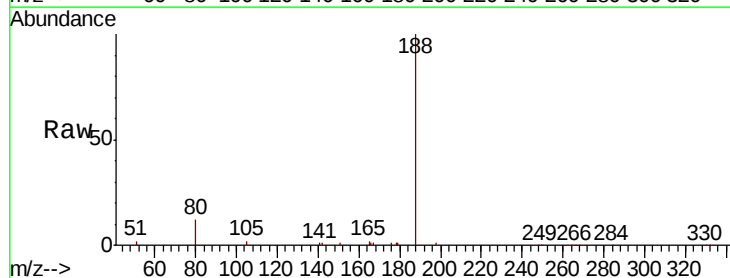
Tgt Ion:188 Resp: 28984

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

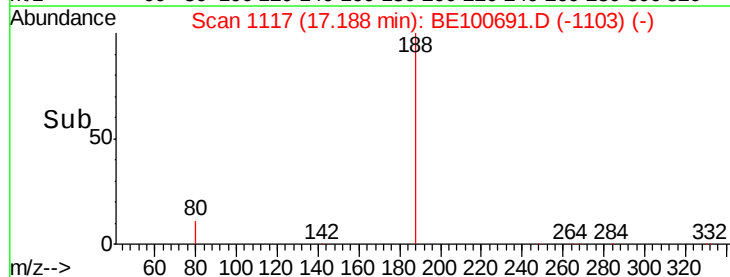
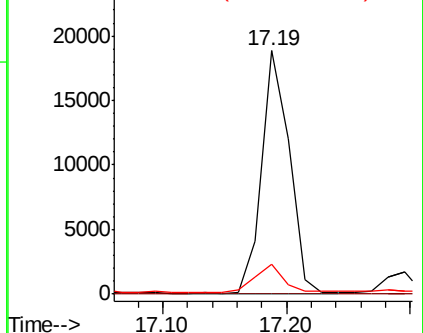
80 12.3 5.4 8.0#

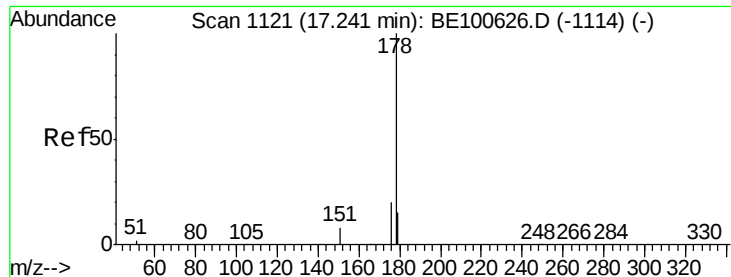


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#23

Phenanthrene

Concen: 0.052 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE100691.D

Acq: 29 Oct 2019 1:50

Instrument :

BNA_E

ClientSampleId :

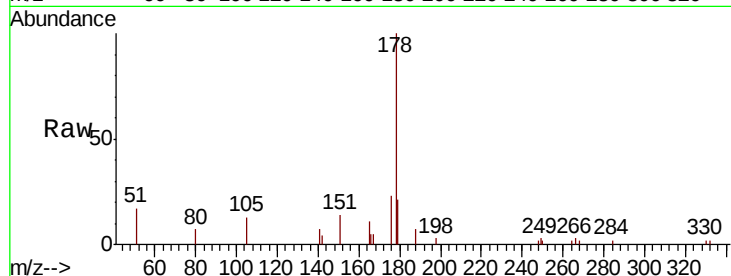
Tot Ion:178 Resp: 4167

Ion Ratio Lower Upper

178 100

176 20.0 15.2 22.8

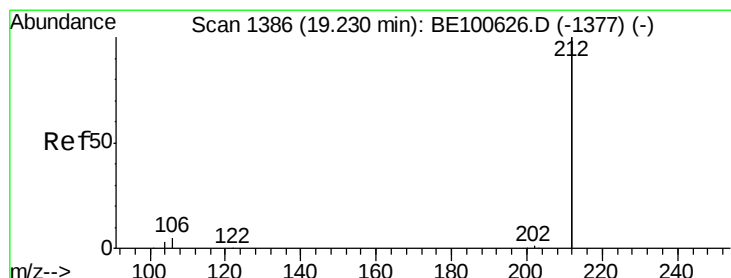
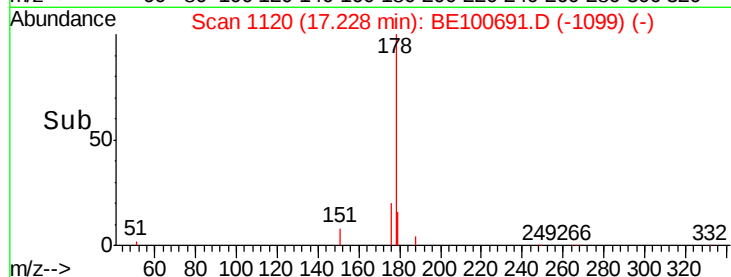
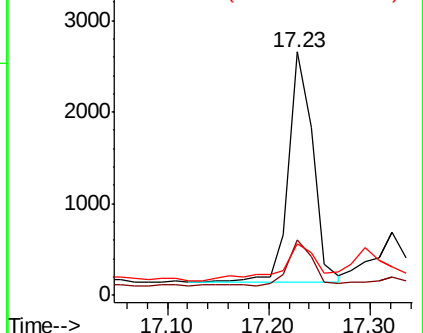
179 21.9 12.1 18.1#



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: 0.376 ng

RT: 19.21 min Scan# 1383

Delta R.T. -0.01 min

Lab File: BE100691.D

Acq: 29 Oct 2019 1:50

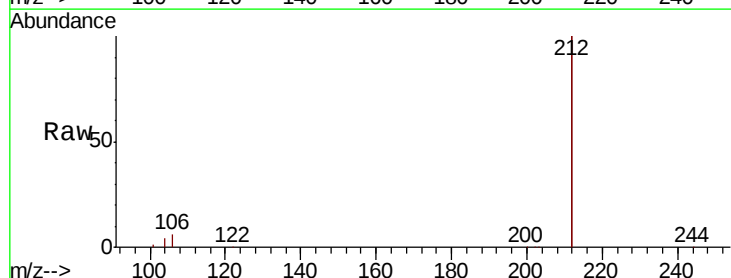
Tgt Ion:212 Resp: 140581

Ion Ratio Lower Upper

212 100

106 3.1 2.3 3.5

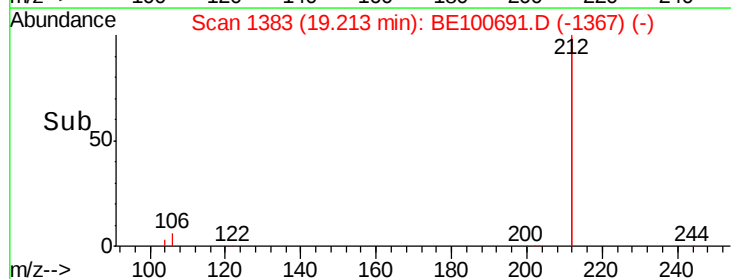
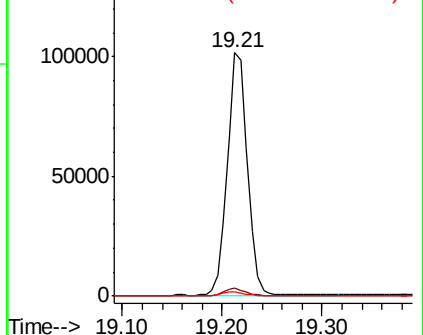
104 1.9 1.3 1.9

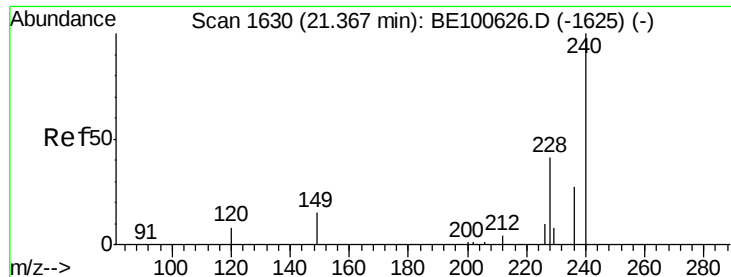


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

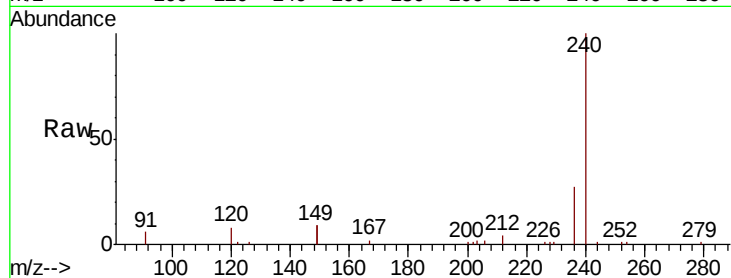




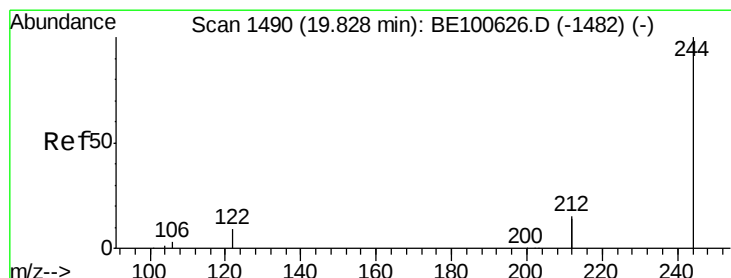
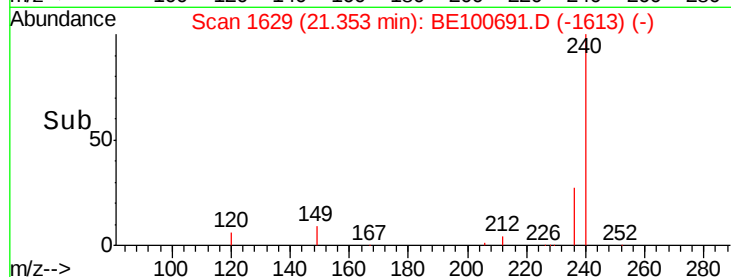
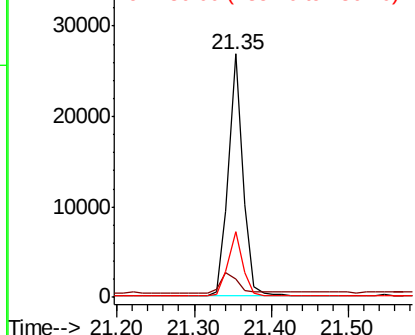
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BE100691.D
 Acq: 29 Oct 2019 1:50

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 35280
 Ion Ratio Lower Upper
 240 100
 120 7.8 7.6 11.4
 236 27.1 22.1 33.1

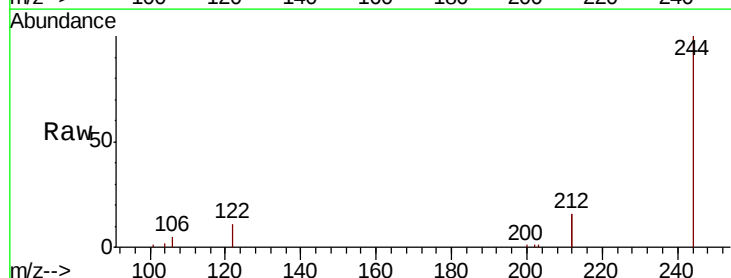


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

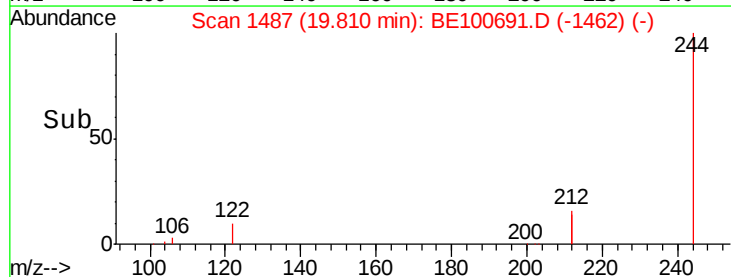
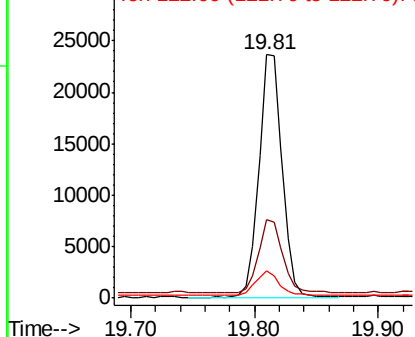


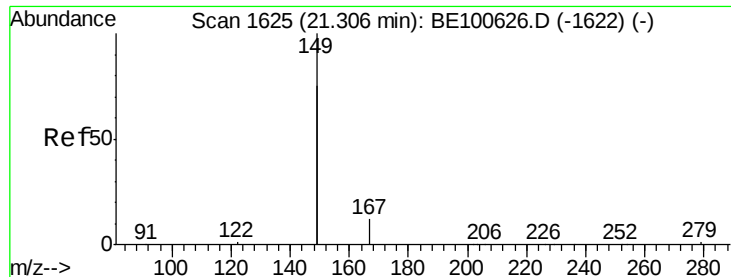
#29
 Terphenyl-d14
 Concen: 0.399 ng
 RT: 19.81 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BE100691.D
 Acq: 29 Oct 2019 1:50

Tgt Ion:244 Resp: 30797
 Ion Ratio Lower Upper
 244 100
 212 32.4 23.7 35.5
 122 11.0 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: 0.176 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100691.D

Acq: 29 Oct 2019 1:50

Instrument :

BNA_E

ClientSampleId :

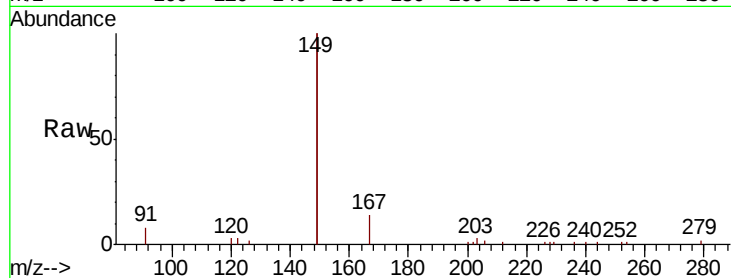
Tot Ion:149 Resp: 42471

Ion Ratio Lower Upper

149 100

167 7.2 5.5 8.3

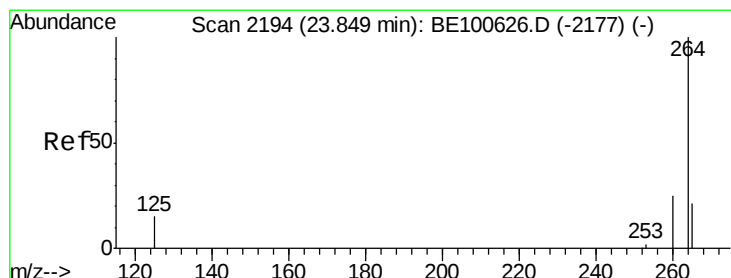
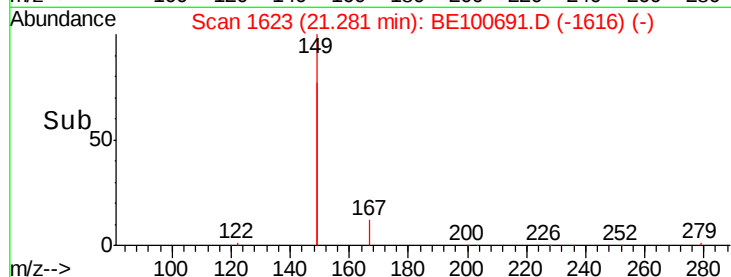
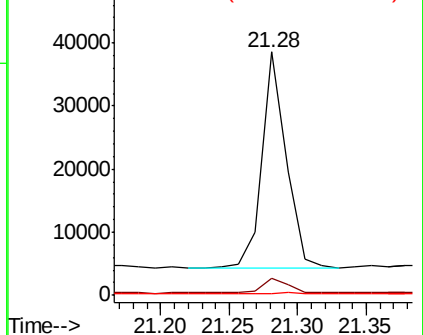
279 1.1 0.9 1.3



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

Perylene-d12

Concen: 0.400 ng

RT: 23.82 min Scan# 2186

Delta R.T. -0.01 min

Lab File: BE100691.D

Acq: 29 Oct 2019 1:50

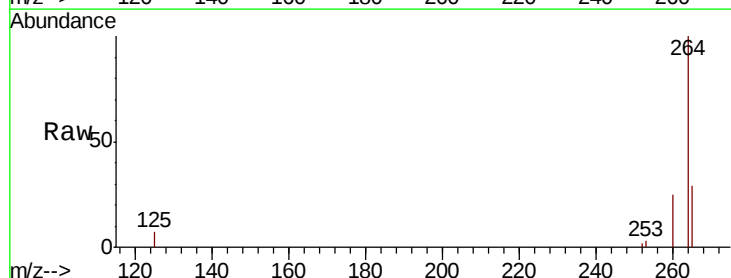
Tgt Ion:264 Resp: 40125

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 28.7 21.7 32.5



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

