

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
 Data File : BE100682.D
 Acq On : 28 Oct 2019 20:19
 Operator : JU
 Sample : K5546-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 11:53:28 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	4012	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	17147	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	10818	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	24619	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	34663	0.40	ng	0.00
34) Perylene-d12	23.82	264	43759	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.44	112	3092	0.25	ng	0.00
5) Phenol-d6	7.01	99	3278	0.19	ng	0.00
8) Nitrobenzene-d5	8.99	82	4235	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	8672	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1311	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	12911	0.33	ng	0.00
25) Fluoranthene-d10	19.22	212	109738	0.35	ng	0.00
29) Terphenyl-d14	19.82	244	33221	0.44	ng	0.00

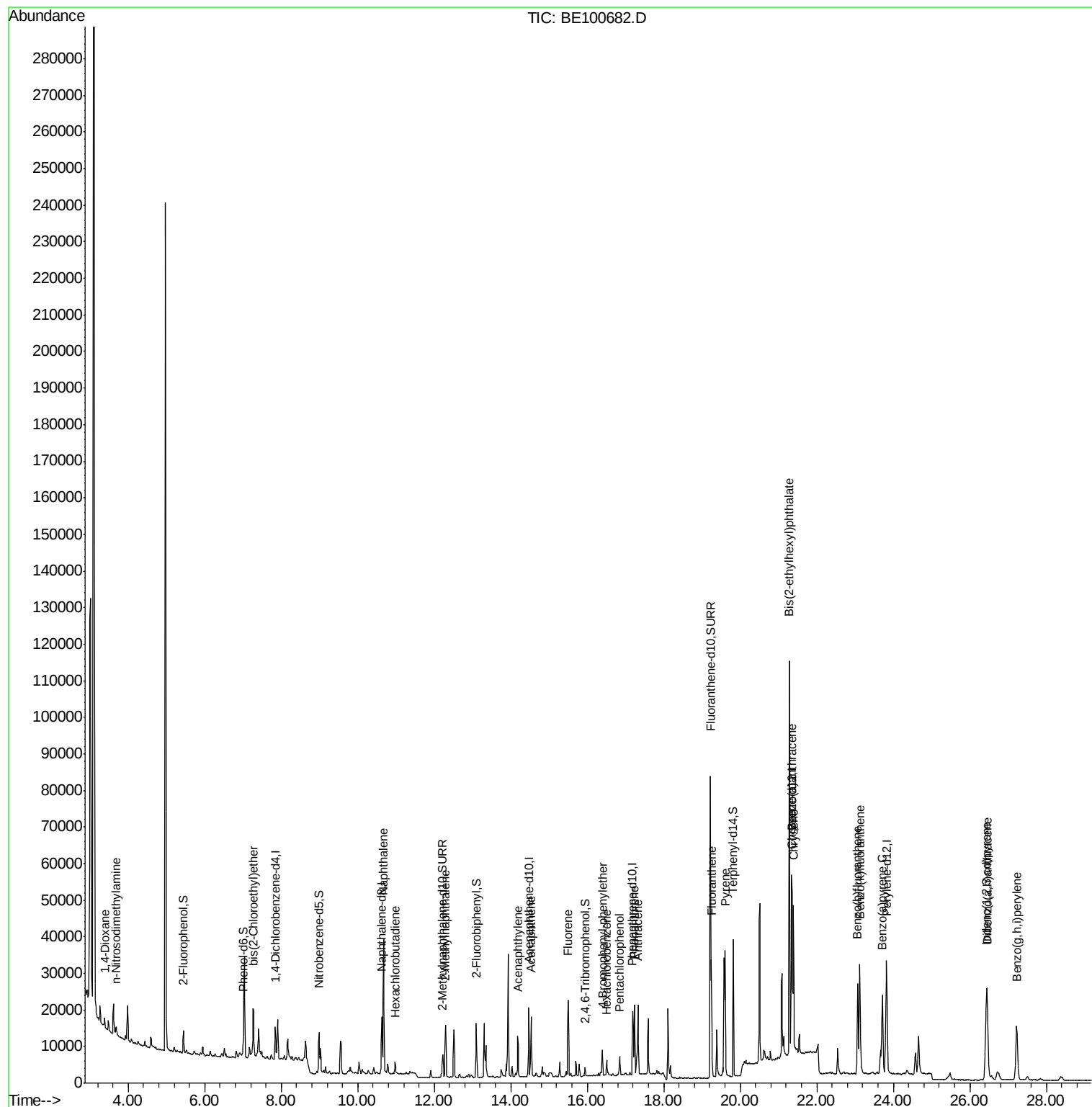
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	1473	0.206	ng	# 62
3) n-Nitrosodimethylamine	3.68	42	1965	0.260	ng	# 81
6) bis(2-Chloroethyl)ether	7.27	93	5076	0.354	ng	89
9) Naphthalene	10.68	128	57316	0.318	ng	100
10) Hexachlorobutadiene	10.98	225	2221	0.284	ng	99
12) 2-Methylnaphthalene	12.30	142	9560	0.311	ng	99
16) Acenaphthylene	14.18	152	14023	0.301	ng	100
17) Acenaphthene	14.53	154	8804	0.293	ng	99
18) Fluorene	15.50	166	11890	0.298	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	3866	0.309	ng	90
21) Hexachlorobenzene	16.51	284	3240	0.271	ng	93
22) Pentachlorophenol	16.84	266	2841	0.739	ng	88
23) Phenanthrene	17.23	178	21839	0.323	ng	100
24) Anthracene	17.32	178	19814	0.315	ng	100
26) Fluoranthene	19.25	202	28776	0.326	ng	# 96
28) Pyrene	19.60	202	30688	0.317	ng	99
30) Benzo(a)anthracene	21.34	228	34633	0.306	ng	99
31) Chrysene	21.39	228	34323	0.304	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	123671	0.523	ng	100
33) Indeno(1,2,3-cd)pyrene	26.43	276	42571	0.307	ng	100
35) Benzo(b)fluoranthene	23.07	252	36543	0.286	ng	# 98
36) Benzo(k)fluoranthene	23.12	252	39608	0.302	ng	# 90
37) Benzo(a)pyrene	23.71	252	35716	0.301	ng	97
38) Dibenzo(a,h)anthracene	26.45	278	35371	0.288	ng	98
39) Benzo(g,h,i)perylene	27.22	276	36246	0.294	ng	99

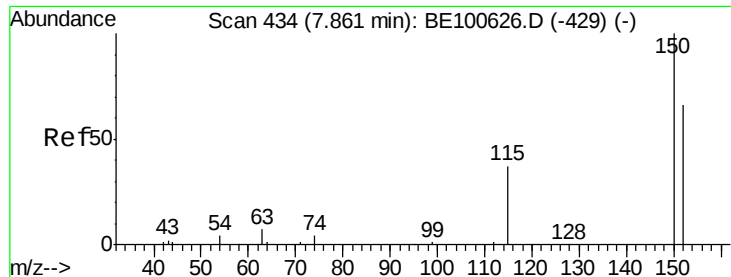
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
Data File : BE100682.D
Acq On : 28 Oct 2019 20:19
Operator : JU
Sample : K5546-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 29 11:53:28 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



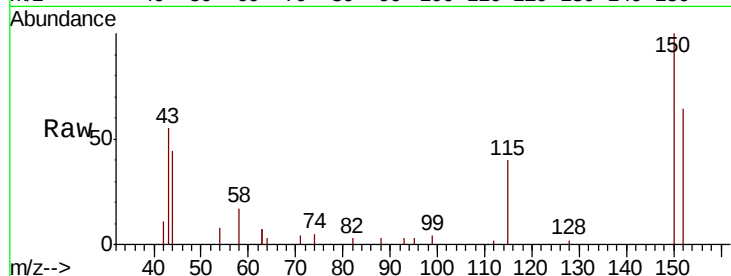


#1

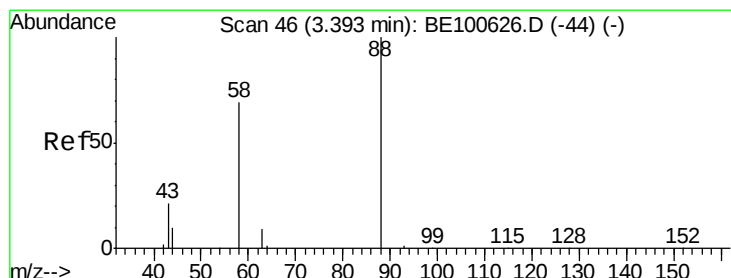
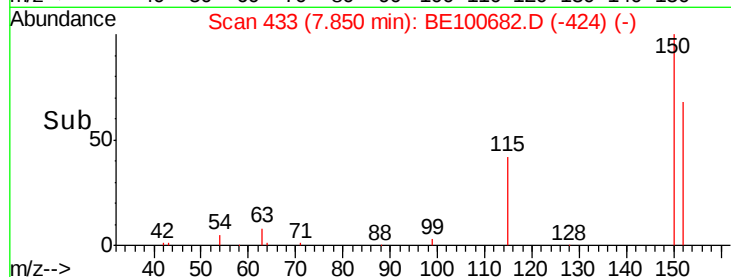
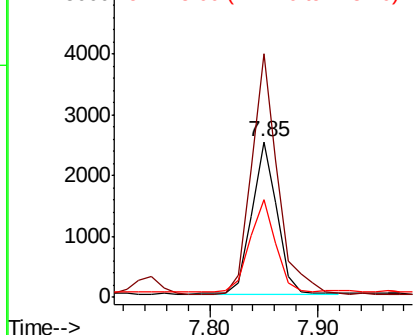
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 4012
Ion Ratio Lower Upper
152 100
150 156.8 123.3 184.9
115 63.3 51.9 77.9



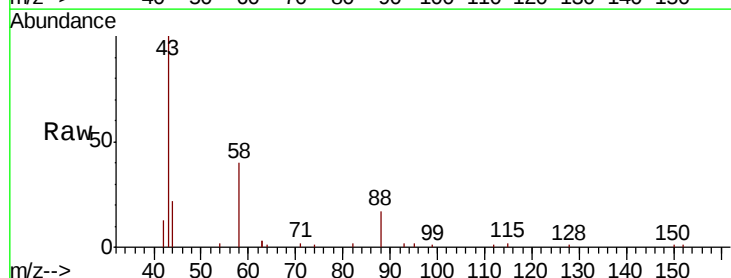
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



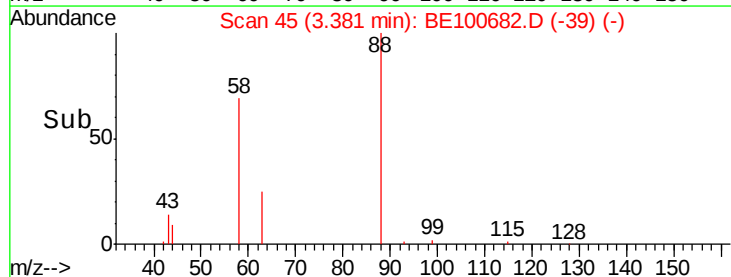
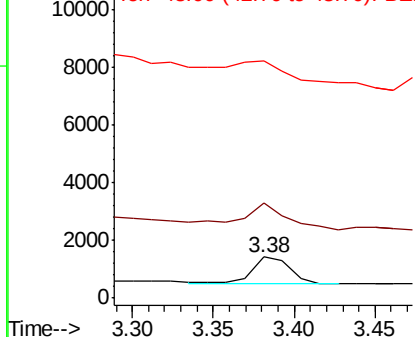
#2

1,4-Dioxane
Concen: 0.206 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion: 88 Resp: 1473
Ion Ratio Lower Upper
88 100
58 100.1 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





#3

n-Nitrosodimethylamine

Concen: 0.260 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

Instrument :

BNA_E

ClientSampleId :

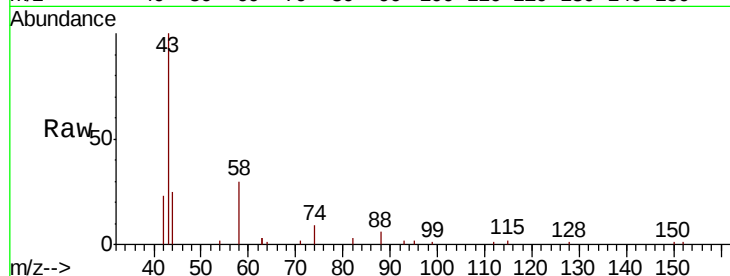
Tot Ion: 42 Resp: 1965

Ion Ratio Lower Upper

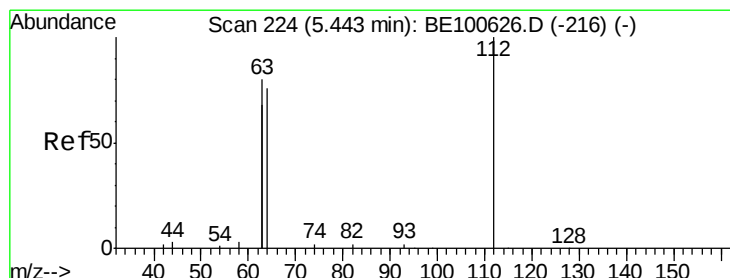
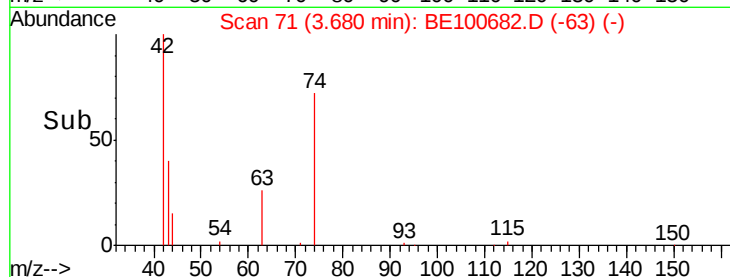
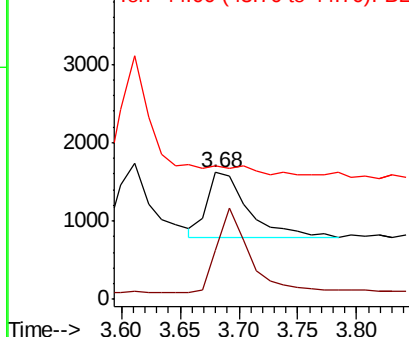
42 100

74 104.9 97.2 145.8

44 0.0 16.6 24.8#



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: 0.250 ng

RT: 5.44 min Scan# 224

Delta R.T. -0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

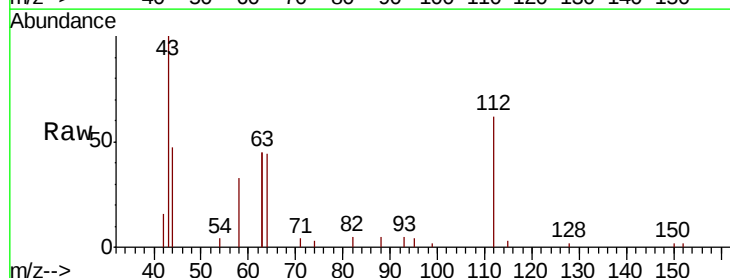
Tgt Ion: 112 Resp: 3092

Ion Ratio Lower Upper

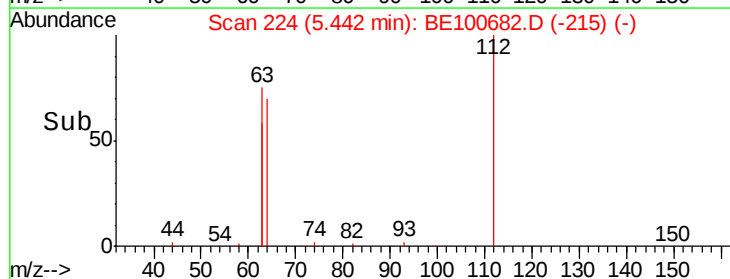
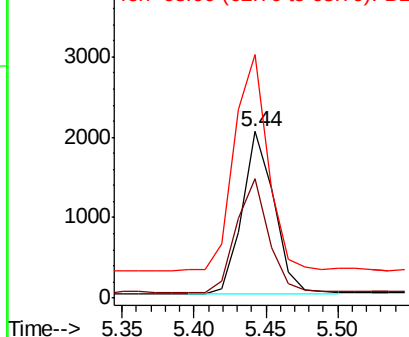
112 100

64 71.2 55.4 83.2

63 140.8 114.2 171.4



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: 0.188 ng

RT: 7.01 min Scan# 360

Delta R.T. -0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

Instrument :

BNA_E

ClientSampled :

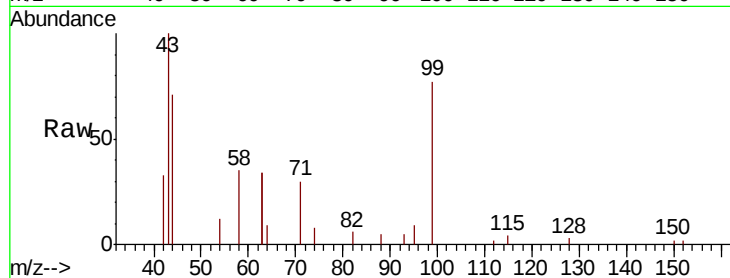
Tot Ion: 99 Resp: 3278

Ion Ratio Lower Upper

99 100

42 0.0 17.7 26.5#

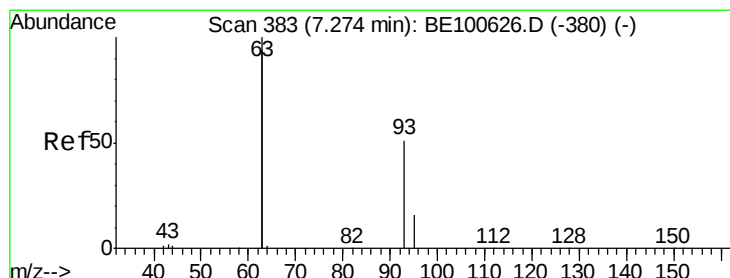
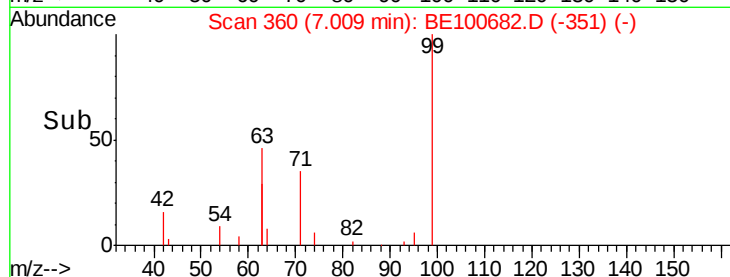
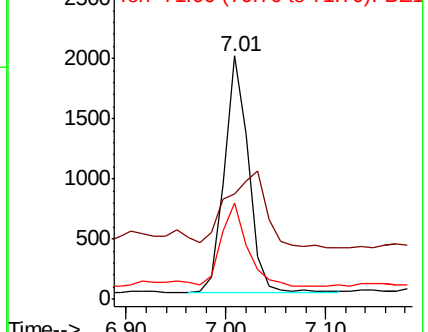
71 38.4 27.4 41.0



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



#6

bis(2-Chloroethyl)ether

Concen: 0.354 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

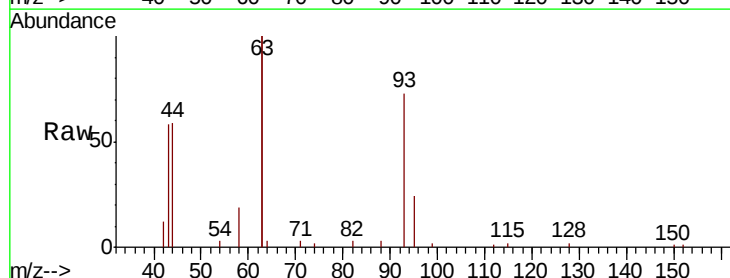
Tgt Ion: 93 Resp: 5076

Ion Ratio Lower Upper

93 100

63 312.3 268.8 403.2

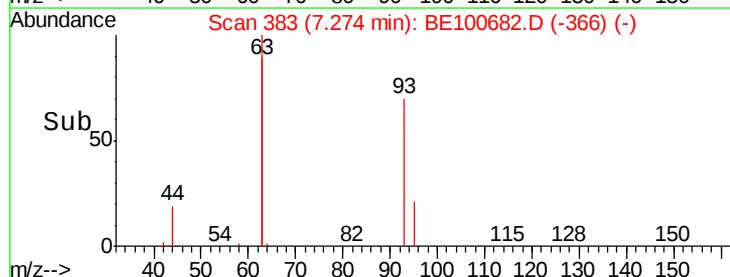
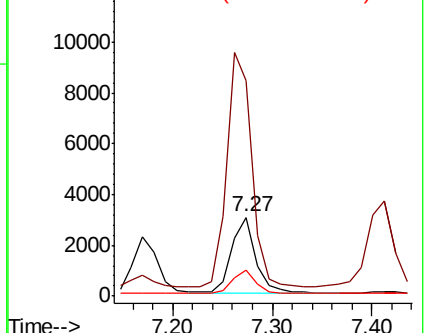
95 29.1 25.6 38.4

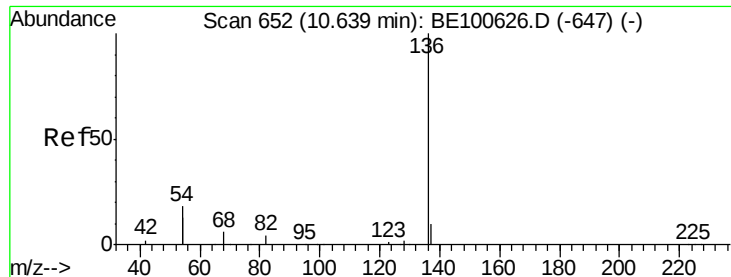


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 17147

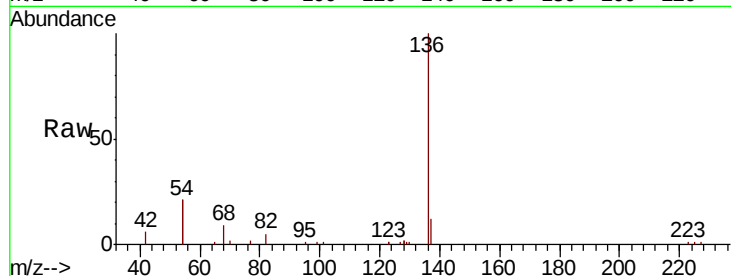
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 42.4 39.4 59.2

68 8.7 8.0 12.0

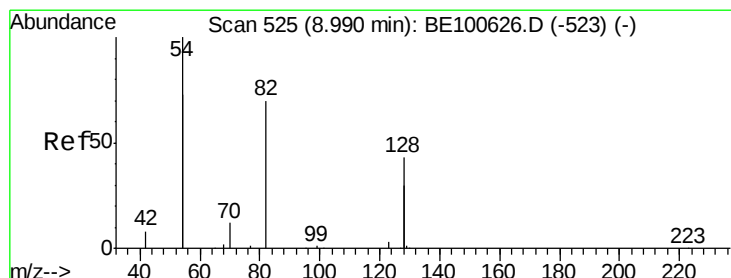
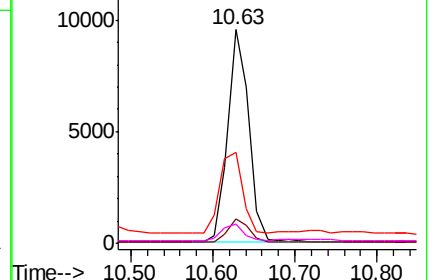
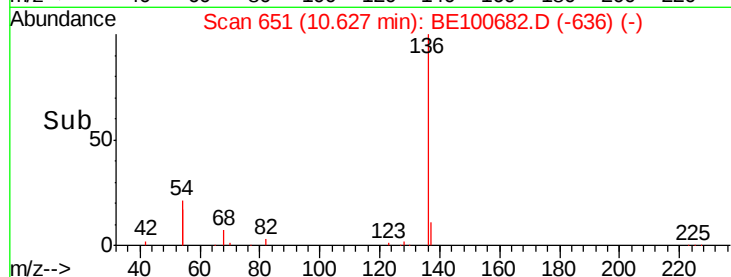


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.398 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

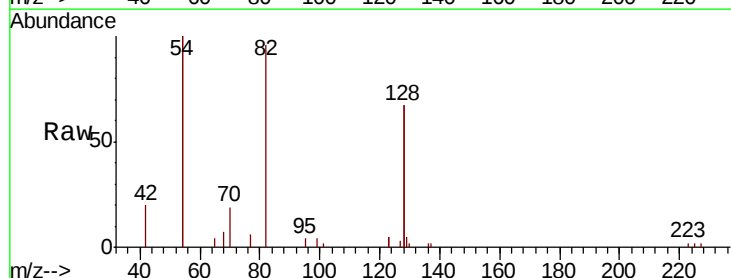
Tgt Ion: 82 Resp: 4235

Ion Ratio Lower Upper

82 100

128 139.9 107.8 161.8

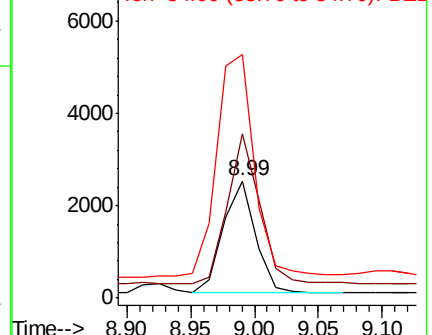
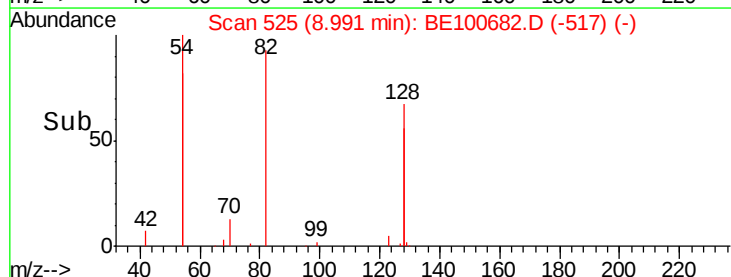
54 207.6 166.1 249.1

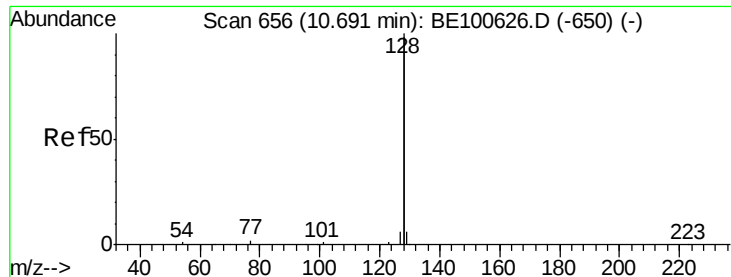


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.318 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

Instrument :

BNA_E

ClientSampled :

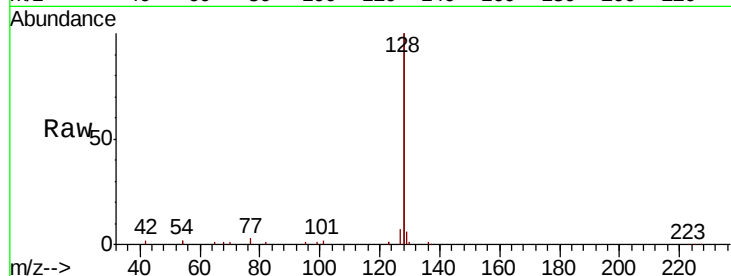
Tot Ion:128 Resp: 57316

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

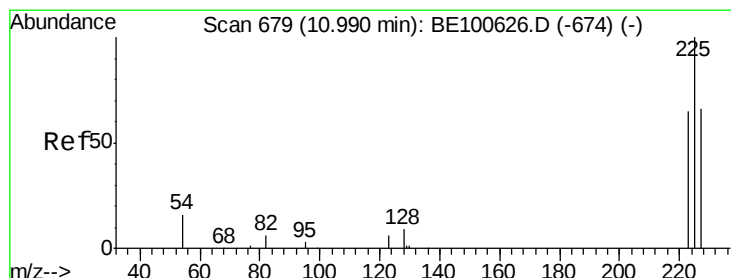
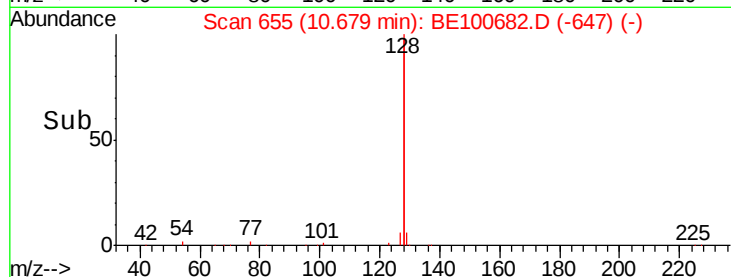
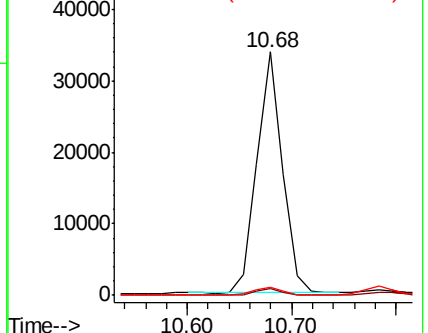
127 3.4 2.7 4.1



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



#10

Hexachlorobutadiene

Concen: 0.284 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

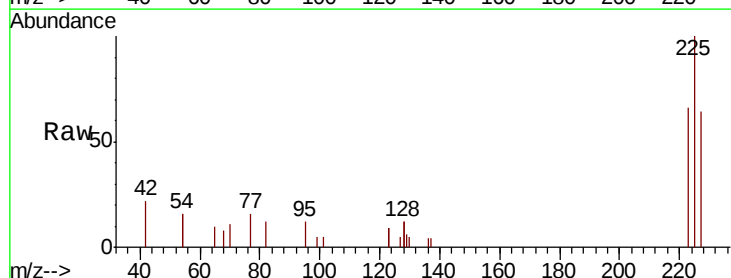
Tgt Ion:225 Resp: 2221

Ion Ratio Lower Upper

225 100

223 62.0 48.6 72.8

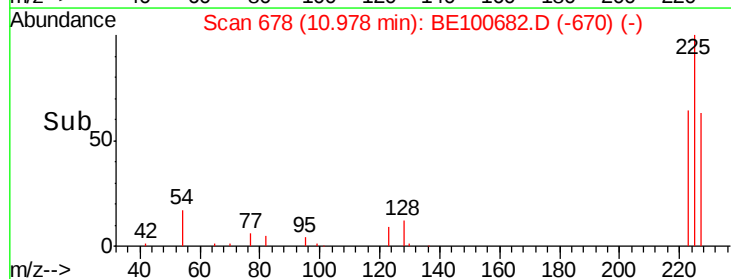
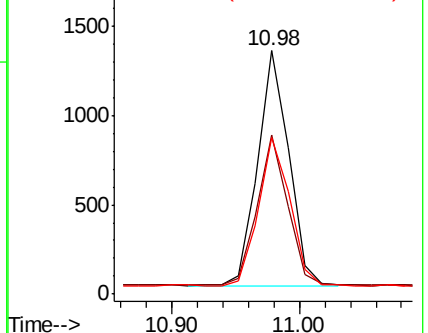
227 63.6 51.6 77.4

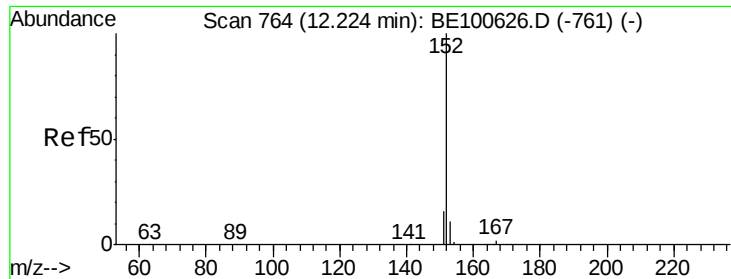


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

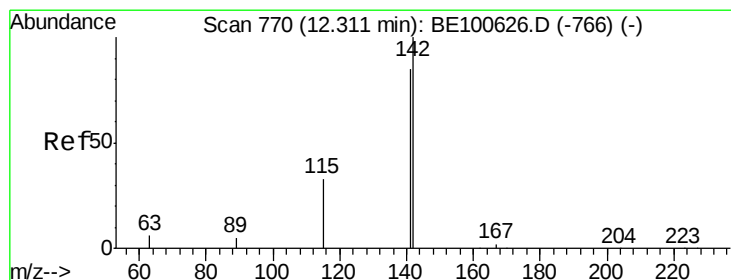
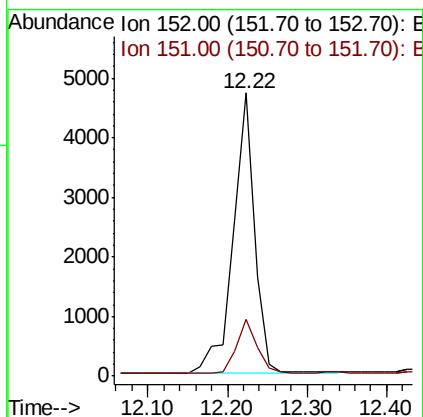
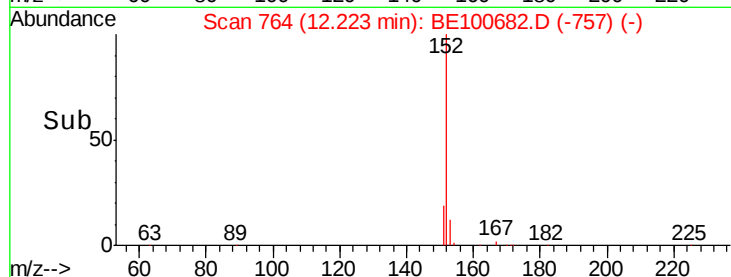
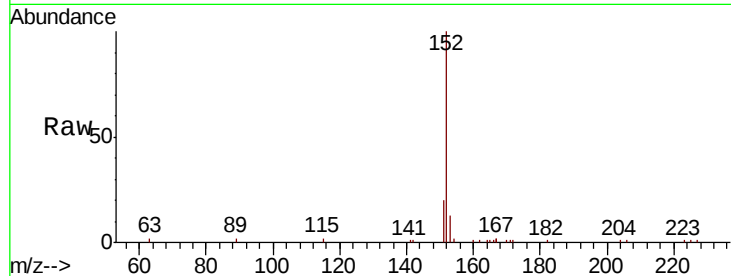




#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

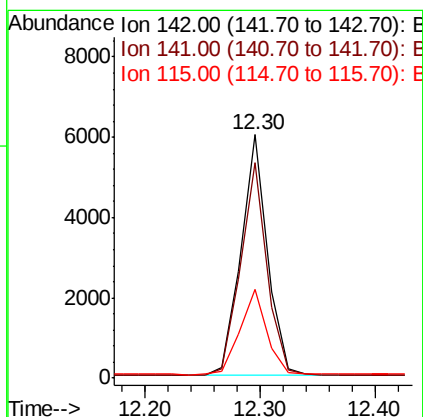
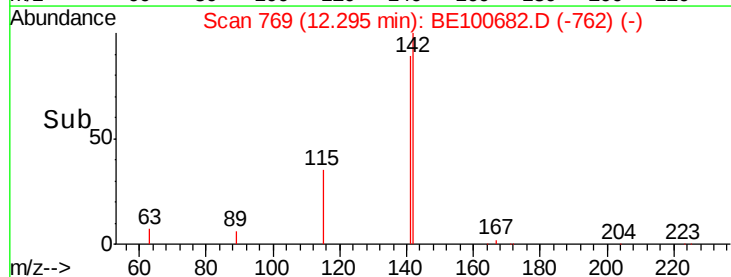
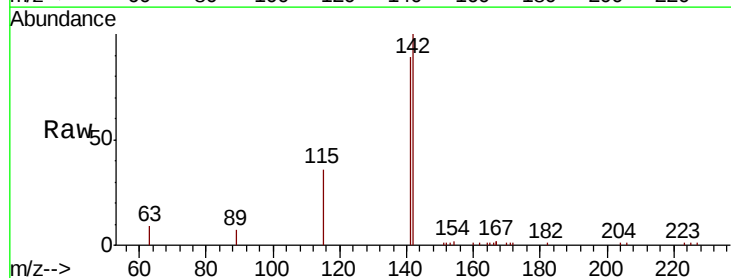
Instrument :
BNA_E
ClientSampleId :

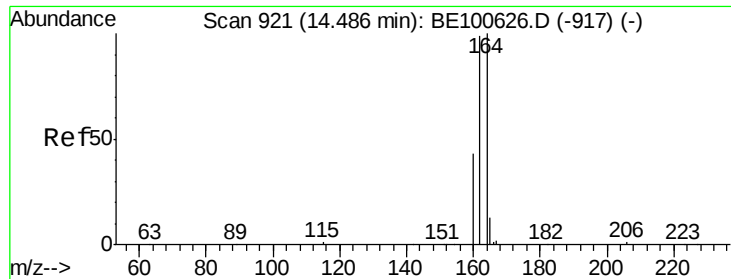
Tot Ion:152 Resp: 8672
Ion Ratio Lower Upper
152 100
151 18.1 14.7 22.1



#12
2-Methylnaphthalene
Concen: 0.311 ng
RT: 12.30 min Scan# 769
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:142 Resp: 9560
Ion Ratio Lower Upper
142 100
141 88.7 70.1 105.1
115 36.2 28.3 42.5

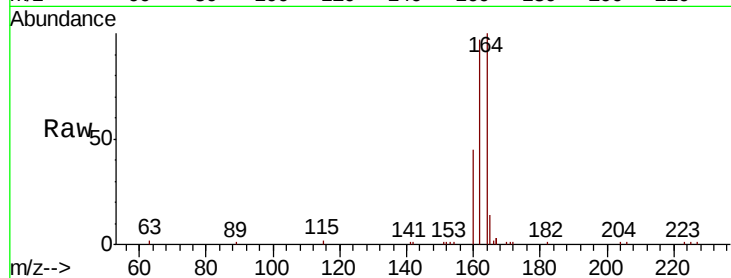




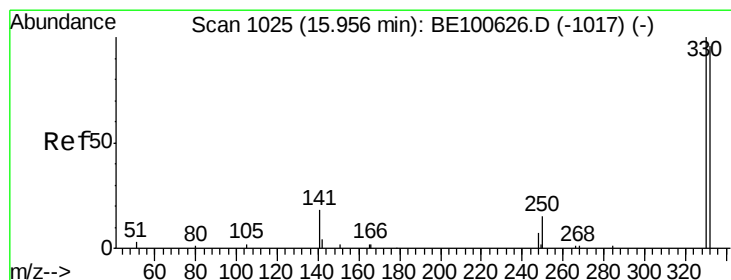
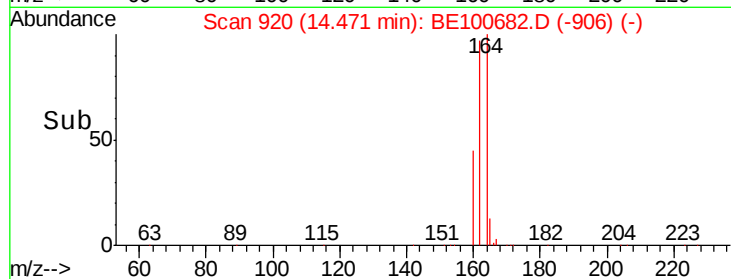
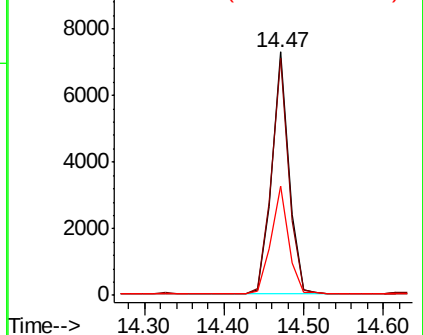
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE100682.D
 Acq: 28 Oct 2019 20:19

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:164 Resp: 10818
 Ion Ratio Lower Upper
 164 100
 162 97.3 82.0 123.0
 160 45.0 37.5 56.3

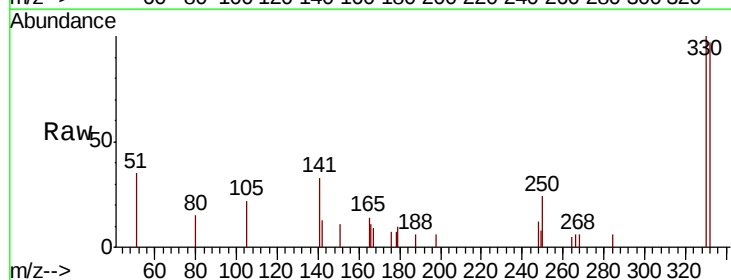


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

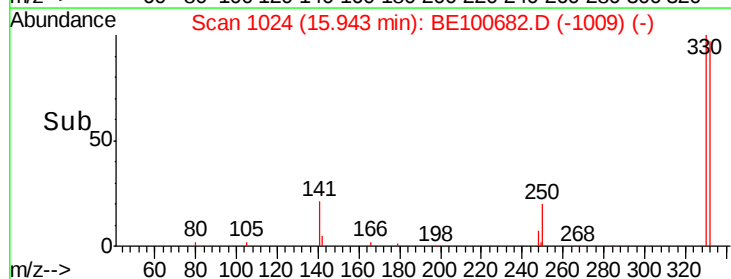
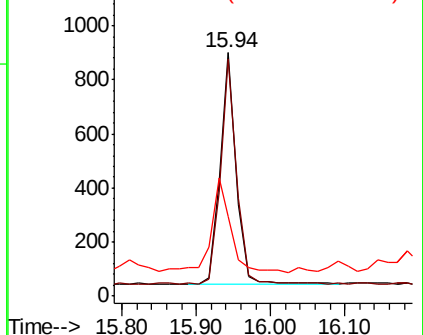


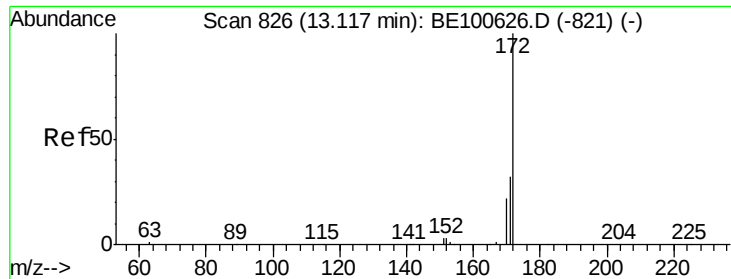
#14
 2,4,6-Tribromophenol
 Concen: 0.459 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE100682.D
 Acq: 28 Oct 2019 20:19

Tgt Ion:330 Resp: 1311
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.9 116.9
 141 48.2 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

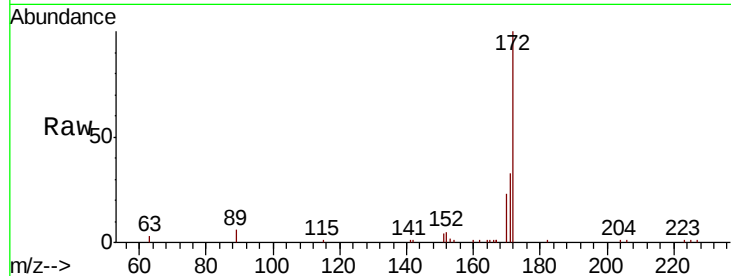




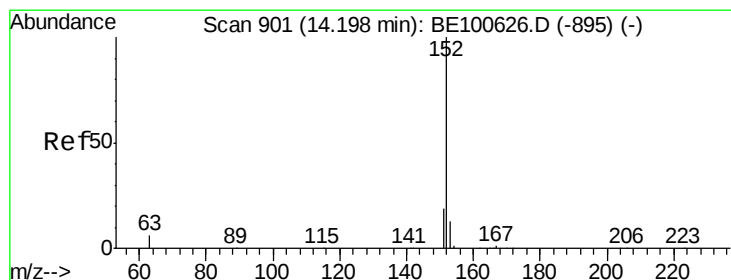
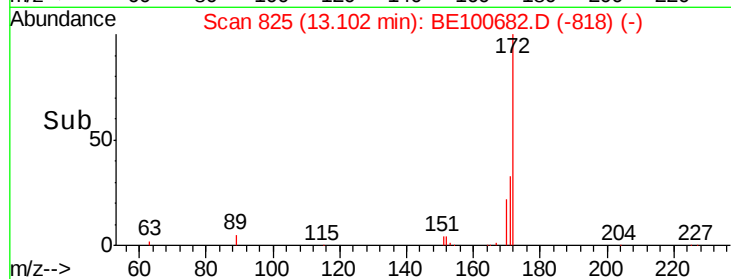
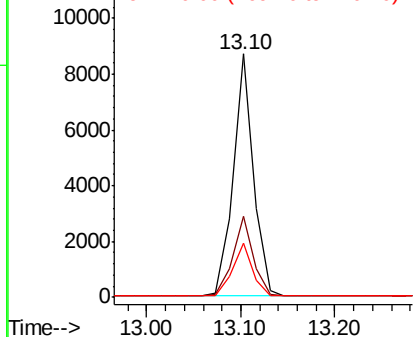
#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 12911
Ion Ratio Lower Upper
172 100
171 33.1 26.5 39.7
170 22.5 19.0 28.4

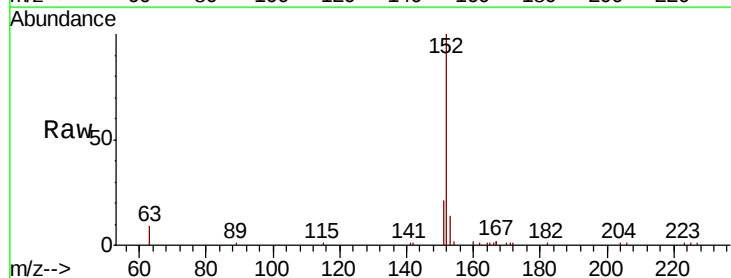


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

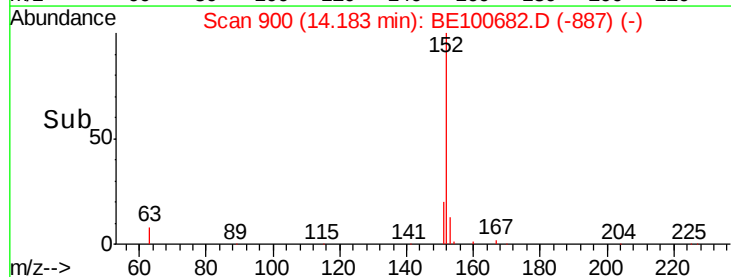
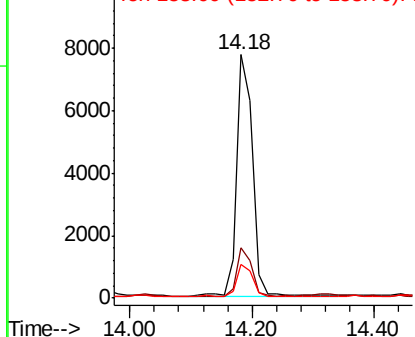


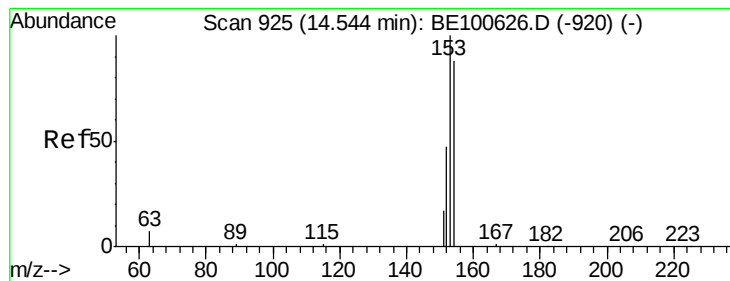
#16
Acenaphthylene
Concen: 0.301 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.02 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:152 Resp: 14023
Ion Ratio Lower Upper
152 100
151 19.2 15.2 22.8
153 13.0 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.293 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

Instrument :

BNA_E

ClientSampleId :

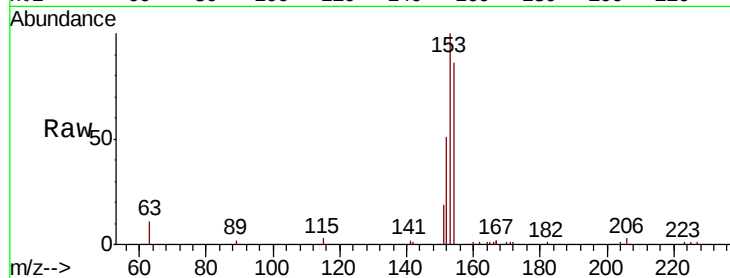
Tot Ion:154 Resp: 8804

Ion Ratio Lower Upper

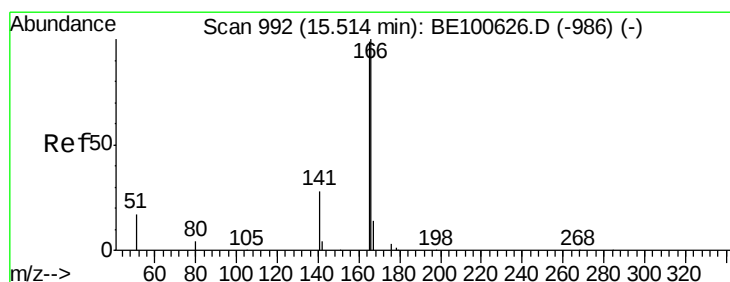
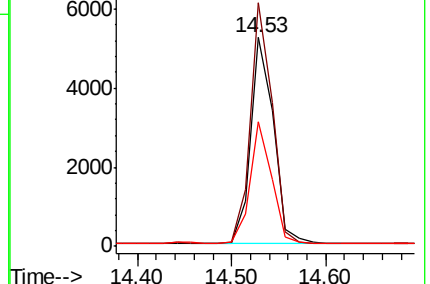
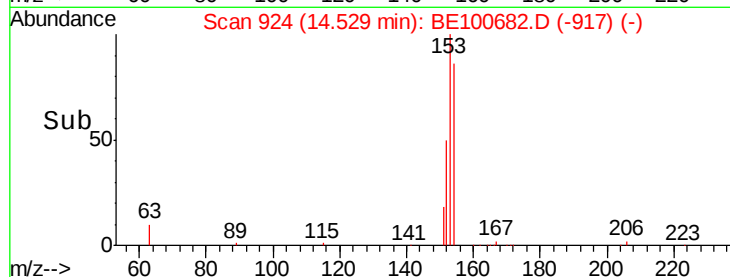
154 100

153 112.6 89.4 134.2

152 55.6 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: 0.298 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

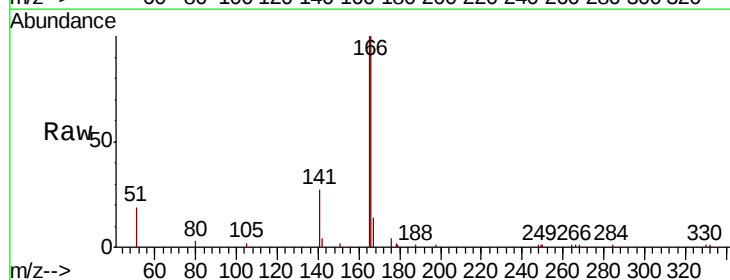
Tgt Ion:166 Resp: 11890

Ion Ratio Lower Upper

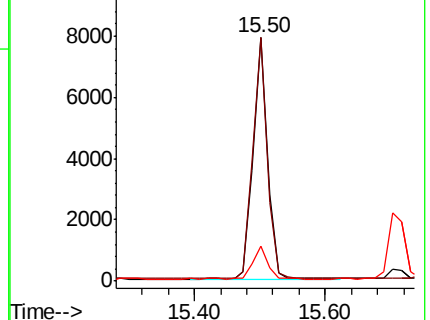
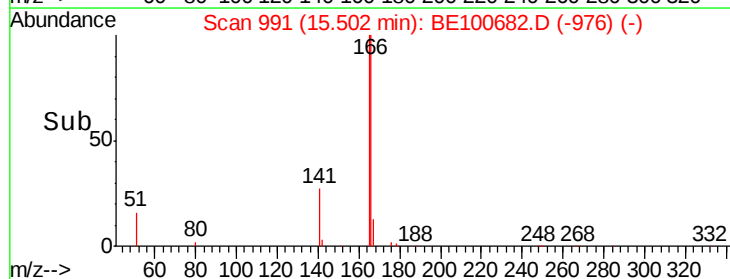
166 100

165 98.7 78.6 117.8

167 13.9 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: BE100682.D

Acq: 28 Oct 2019 20:19

Instrument :

BNA_E

ClientSampleId :

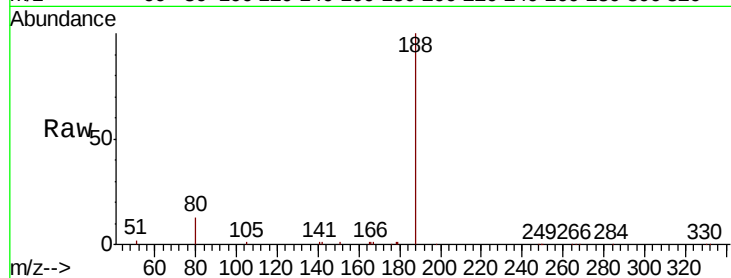
Tot Ion:188 Resp: 24619

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

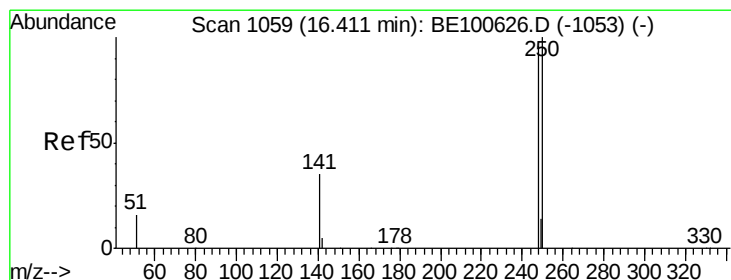
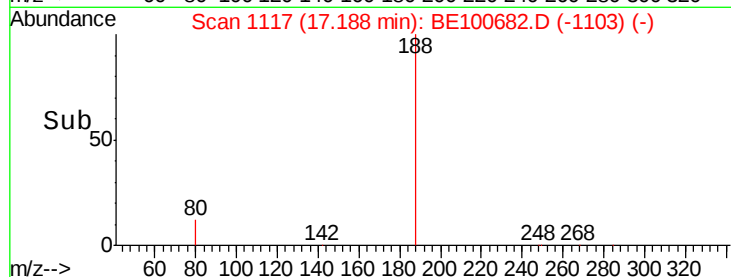
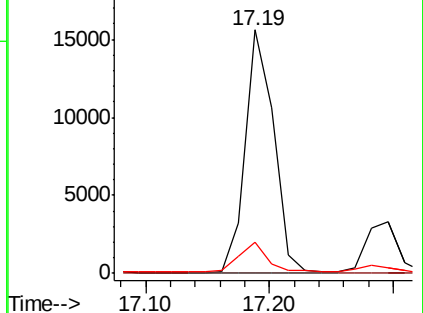
80 12.7 5.4 8.0#



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



#20

4-Bromophenyl-phenylether

Concen: 0.309 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

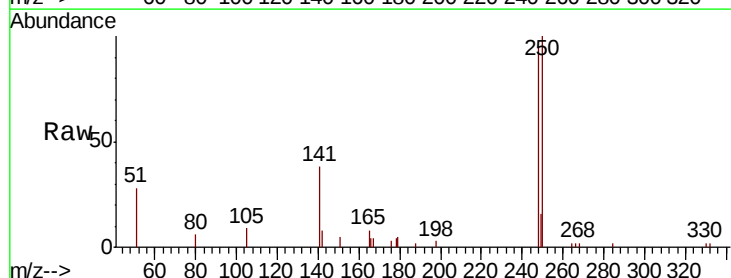
Tgt Ion:248 Resp: 3866

Ion Ratio Lower Upper

248 100

250 105.3 76.3 114.5

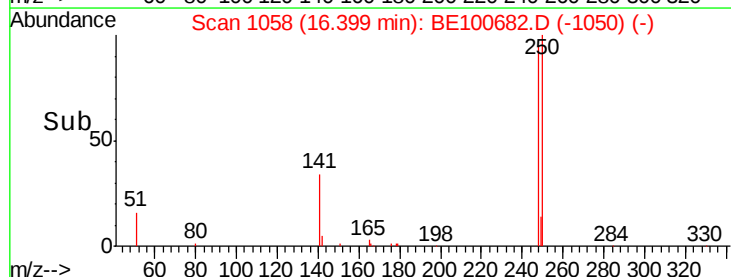
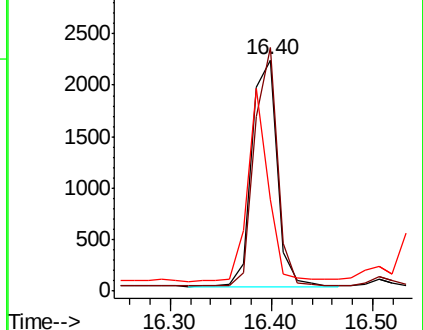
141 39.7 37.3 55.9

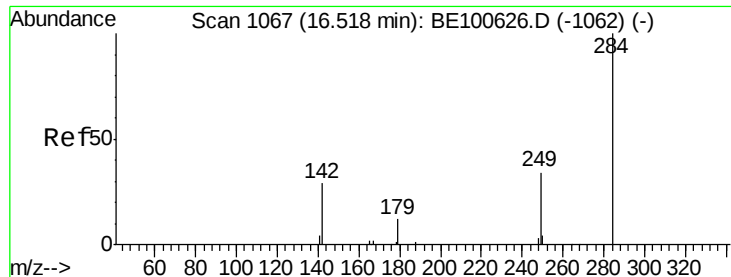


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

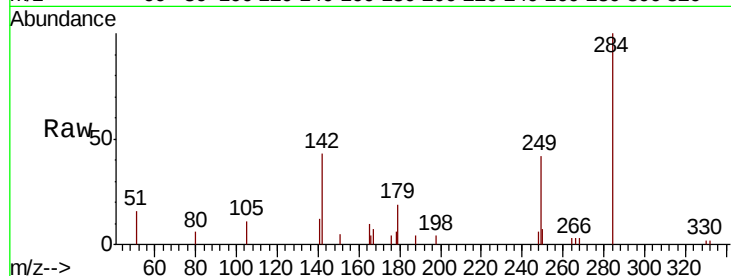




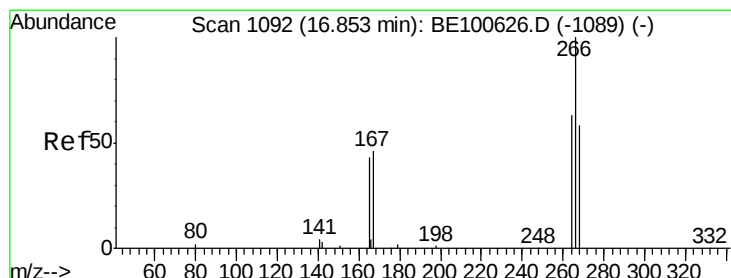
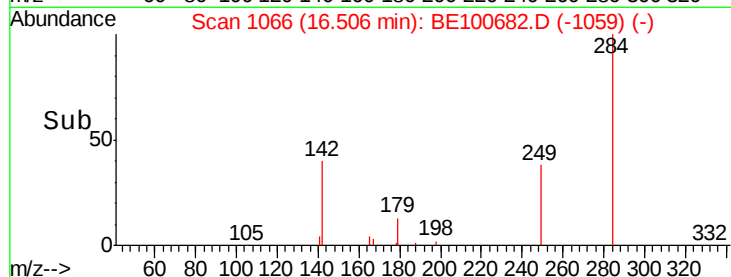
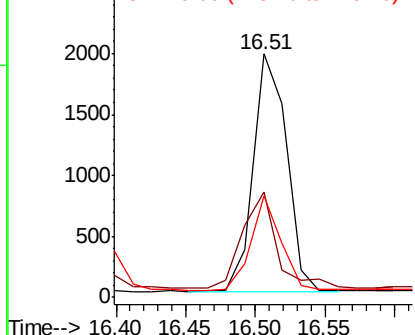
#21
Hexachlorobenzene
Concen: 0.271 ng
RT: 16.51 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampled :

Tot Ion:284 Resp: 3240
Ion Ratio Lower Upper
284 100
142 40.7 28.6 42.8
249 35.5 26.3 39.5

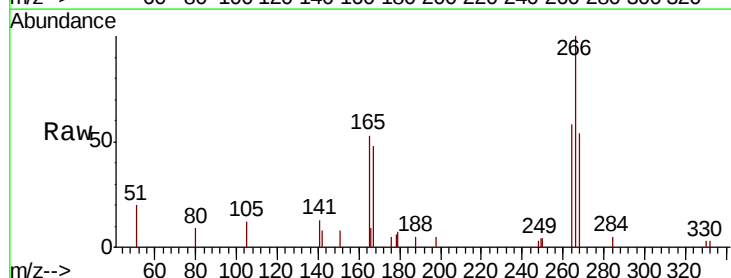


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

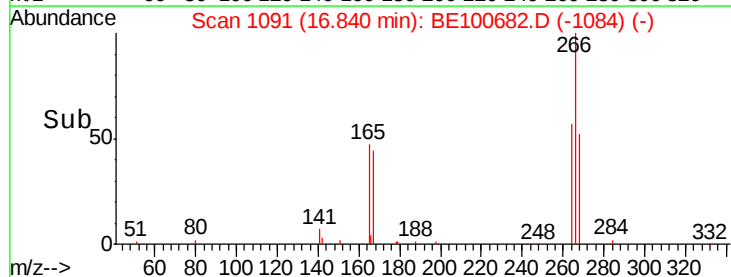
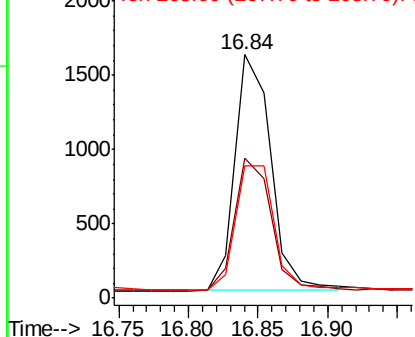


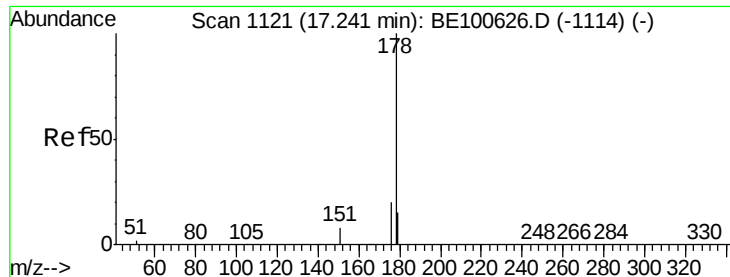
#22
Pentachlorophenol
Concen: 0.739 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:266 Resp: 2841
Ion Ratio Lower Upper
266 100
264 57.7 52.2 78.4
268 54.2 53.1 79.7



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





#23

Phenanthrene

Concen: 0.323 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

Instrument :

BNA_E

ClientSampleId :

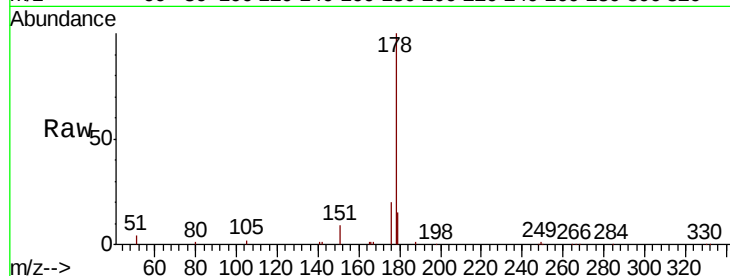
Tot Ion:178 Resp: 21839

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

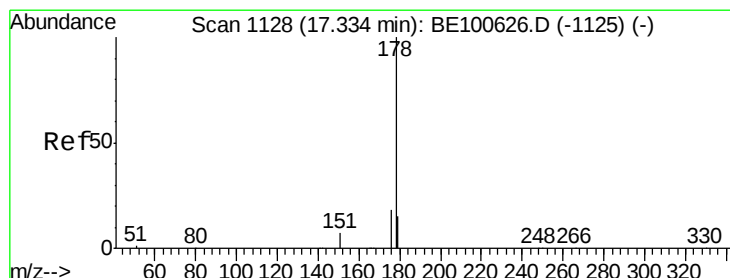
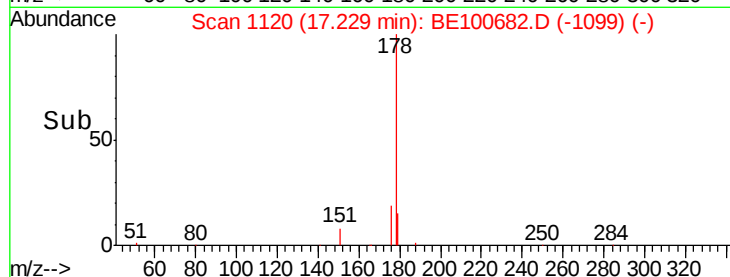
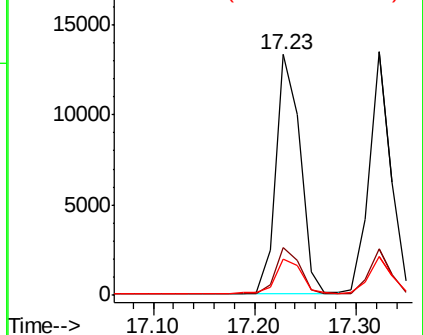
179 15.4 12.1 18.1



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



#24

Anthracene

Concen: 0.315 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

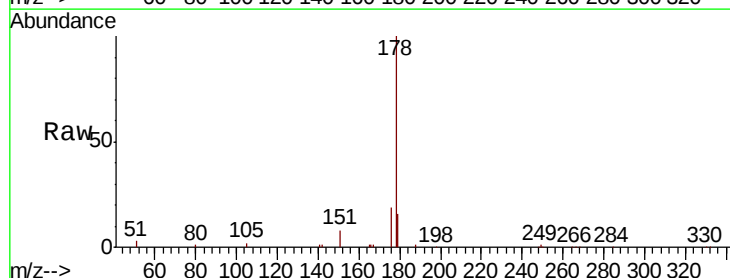
Tgt Ion:178 Resp: 19814

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

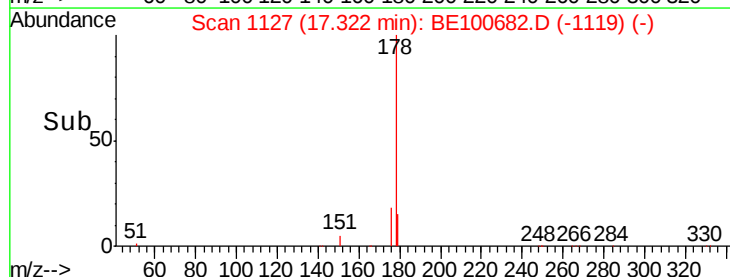
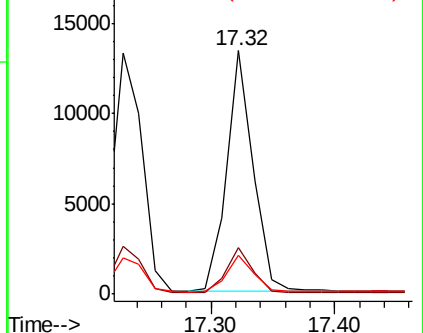
179 15.3 12.5 18.7

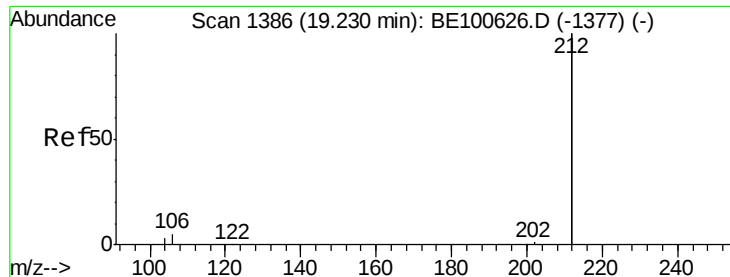


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.345 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

Instrument :

BNA_E

ClientSampleId :

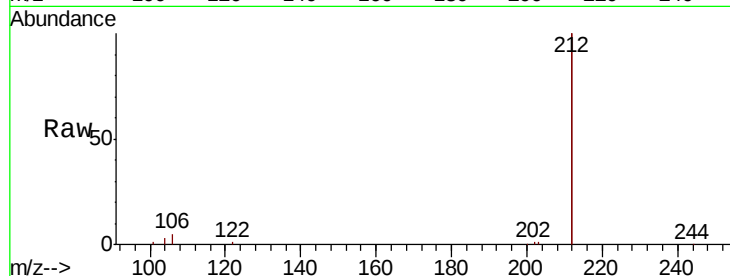
Tot Ion:212 Resp: 109738

Ion Ratio Lower Upper

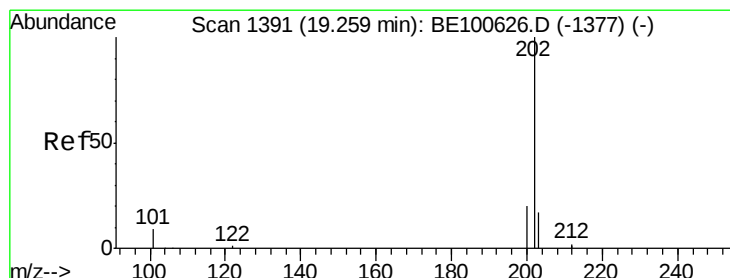
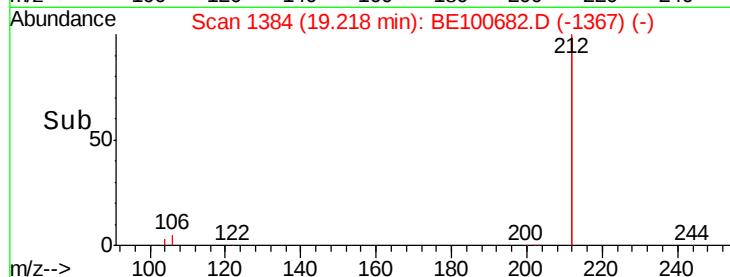
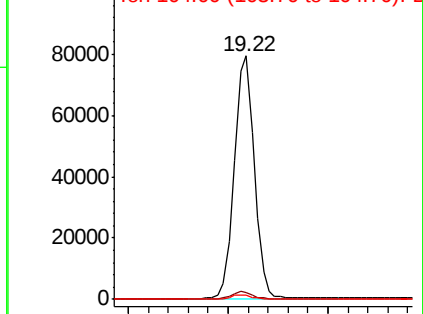
212 100

106 3.3 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



#26

Fluoranthene

Concen: 0.326 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

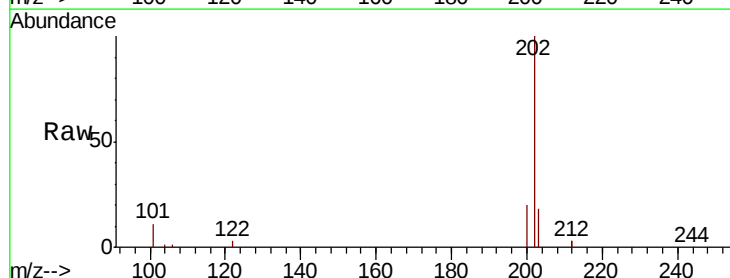
Tgt Ion:202 Resp: 28776

Ion Ratio Lower Upper

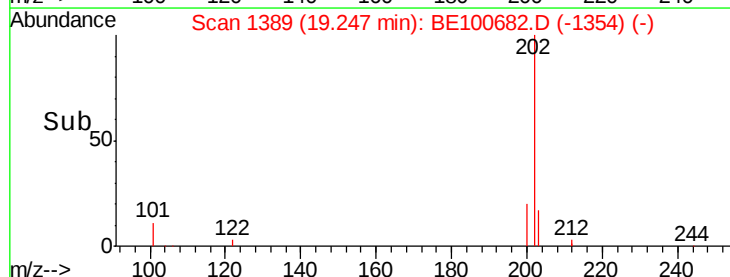
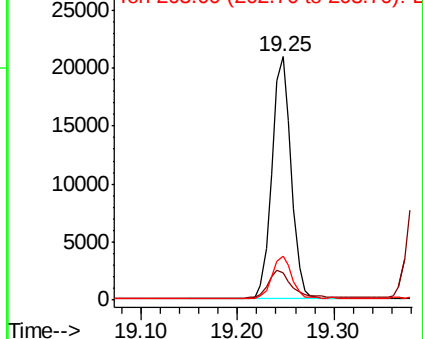
202 100

101 14.1 8.5 12.7#

203 17.9 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

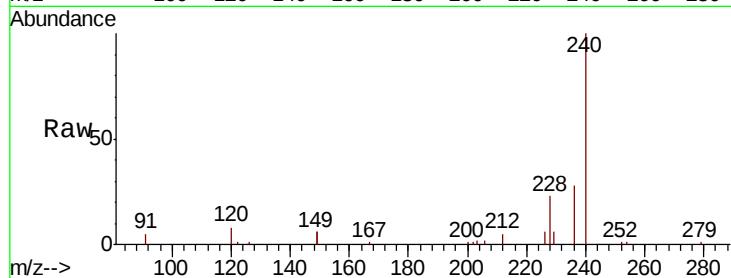




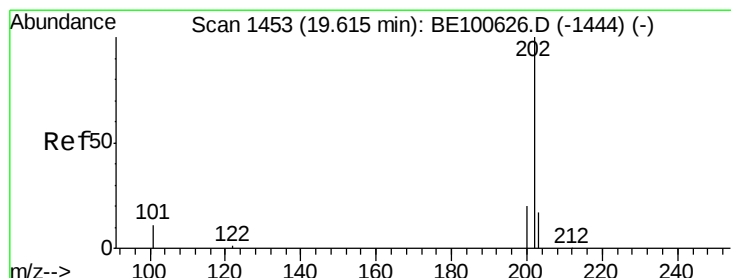
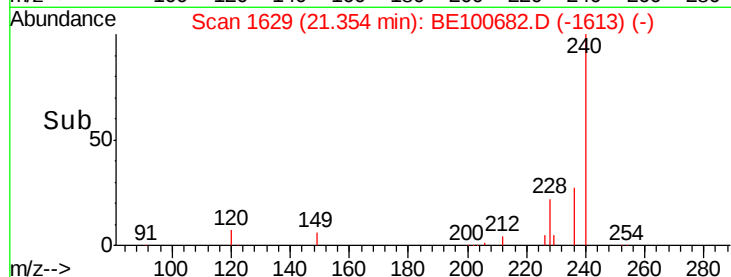
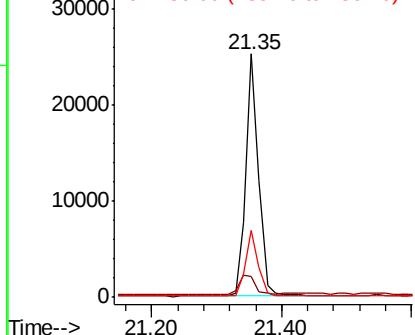
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 34663
Ion Ratio Lower Upper
240 100
120 8.5 7.6 11.4
236 27.6 22.1 33.1

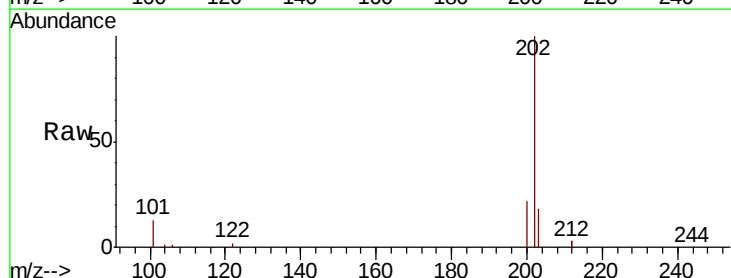


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

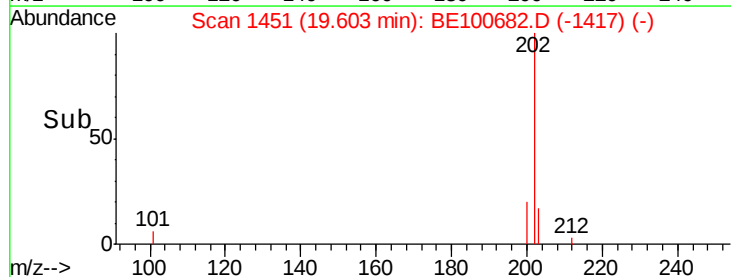
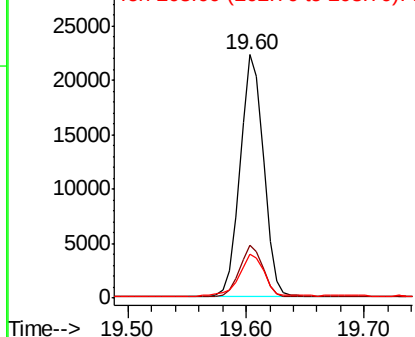


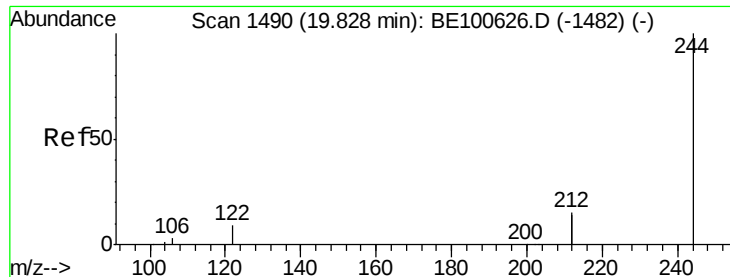
#28
Pyrene
Concen: 0.317 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:202 Resp: 30688
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 18.1 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.438 ng

RT: 19.82 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

Instrument :

BNA_E

ClientSampleId :

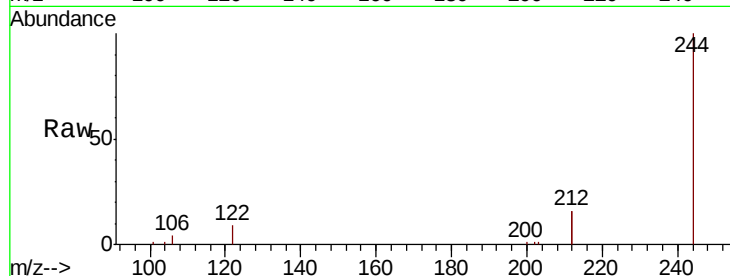
Tot Ion:244 Resp: 33221

Ion Ratio Lower Upper

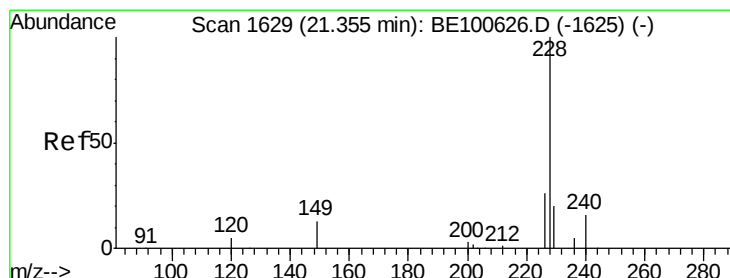
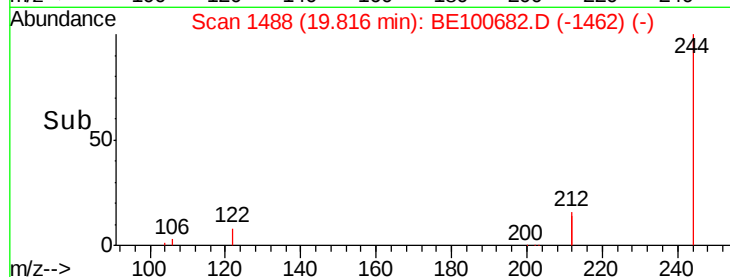
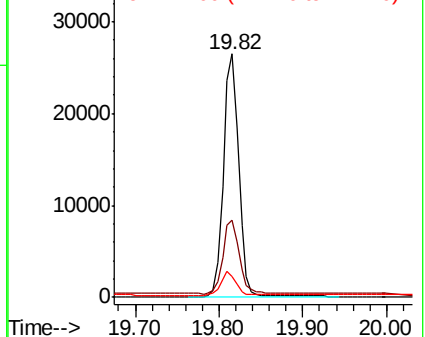
244 100

212 31.8 23.7 35.5

122 8.7 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



#30

Benzo(a)anthracene

Concen: 0.306 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

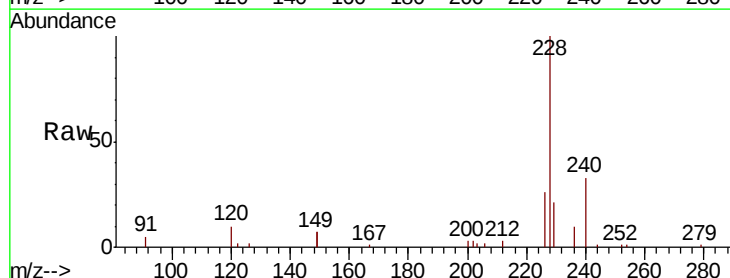
Tgt Ion:228 Resp: 34633

Ion Ratio Lower Upper

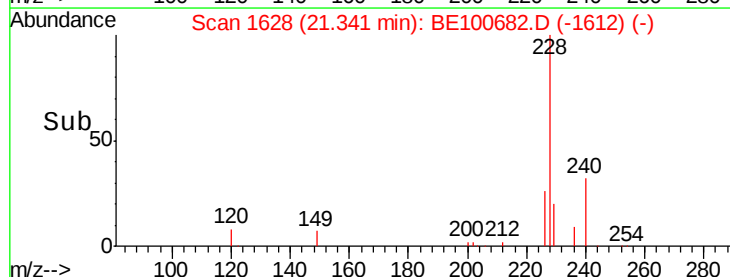
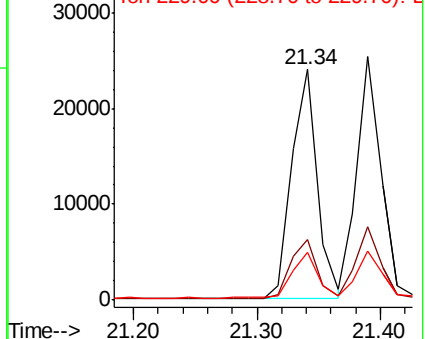
228 100

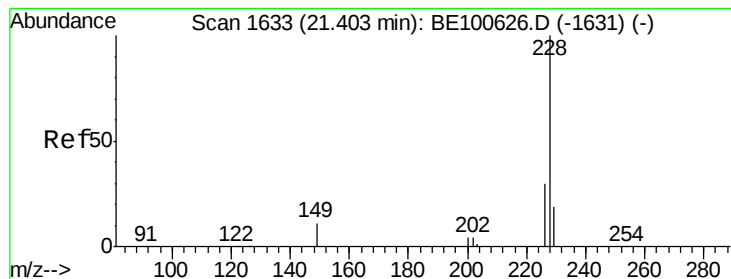
226 26.4 21.4 32.0

229 20.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.304 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

Instrument :

BNA_E

ClientSampleId :

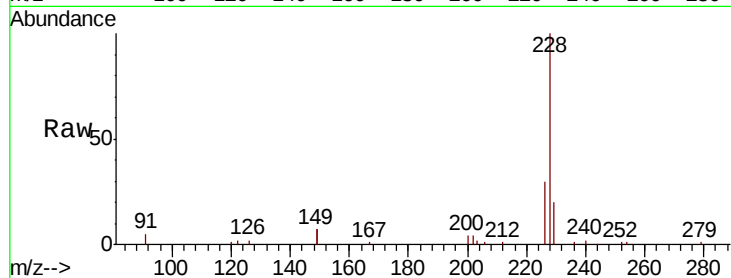
Tot Ion:228 Resp: 34323

Ion Ratio Lower Upper

228 100

226 30.4 24.6 37.0

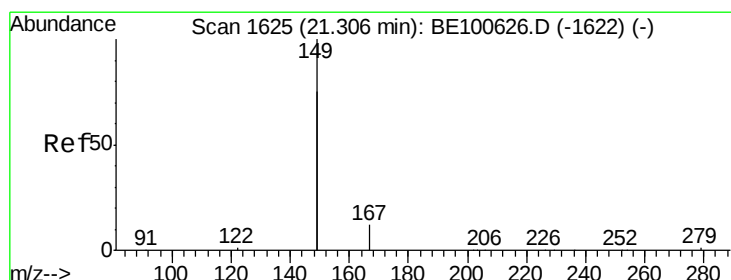
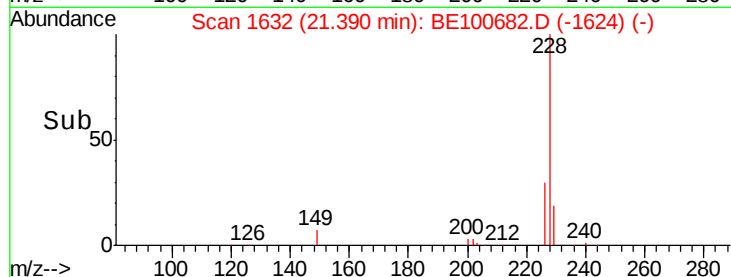
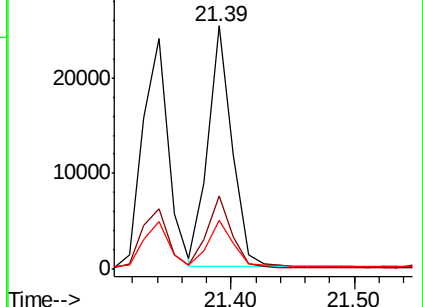
229 20.4 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.523 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

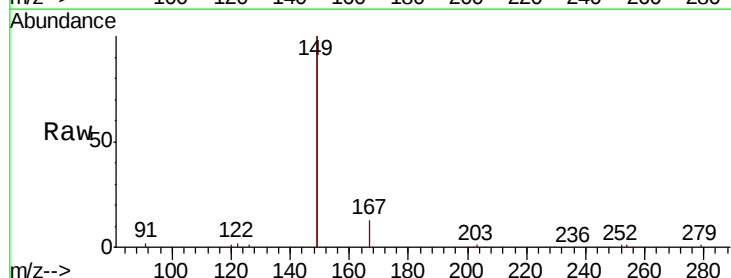
Tgt Ion:149 Resp: 123671

Ion Ratio Lower Upper

149 100

167 6.9 5.5 8.3

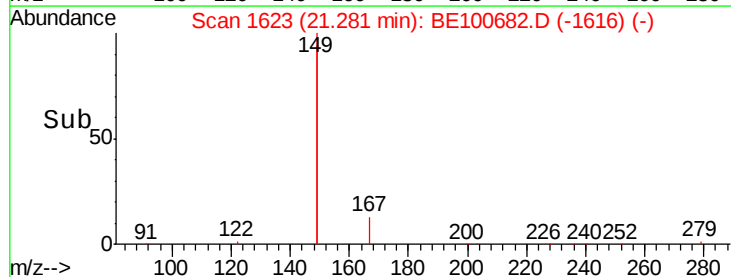
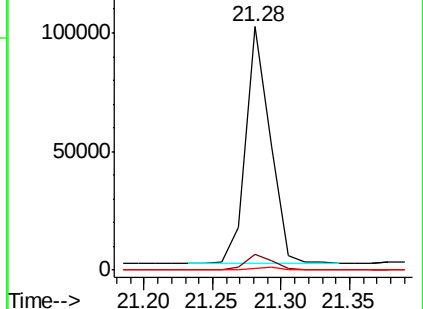
279 1.0 0.9 1.3



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

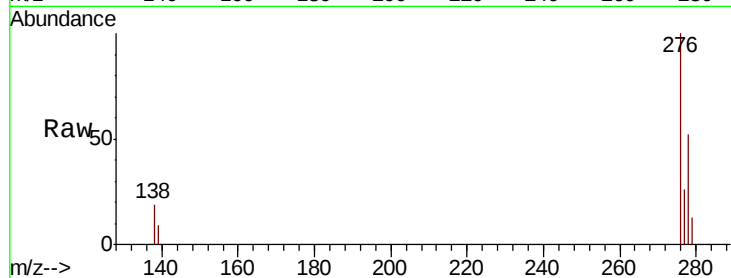




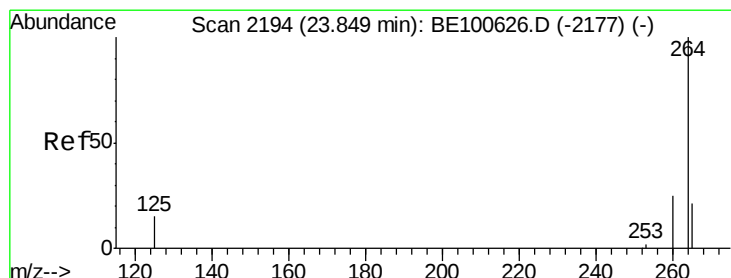
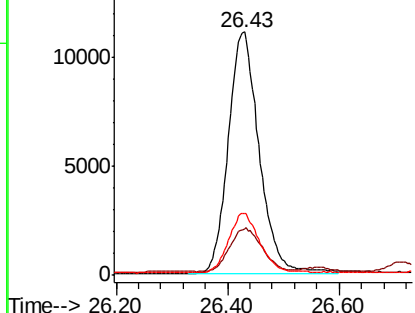
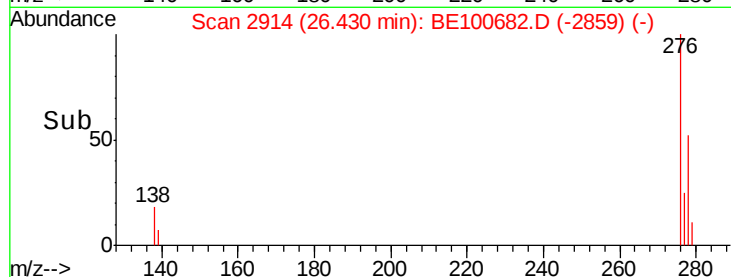
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.307 ng
 RT: 26.43 min Scan# 2914
 Delta R.T. -0.00 min
 Lab File: BE100682.D
 Acq: 28 Oct 2019 20:19

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 42571
 Ion Ratio Lower Upper
 276 100
 138 19.1 15.3 22.9
 277 24.6 19.4 29.2

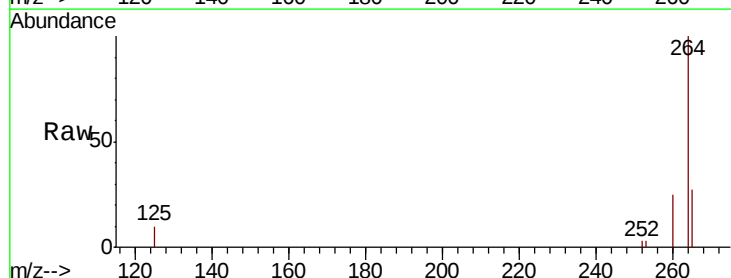


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

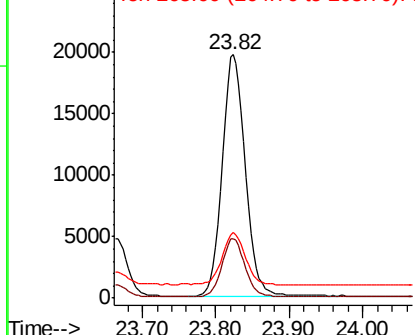
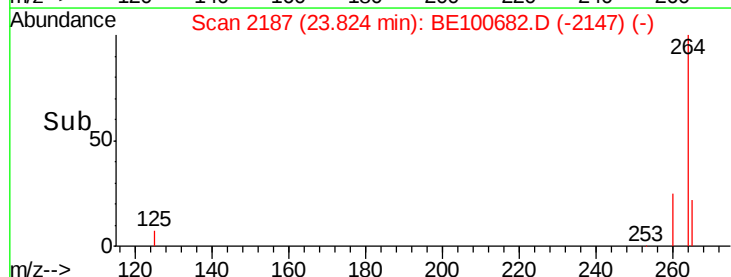


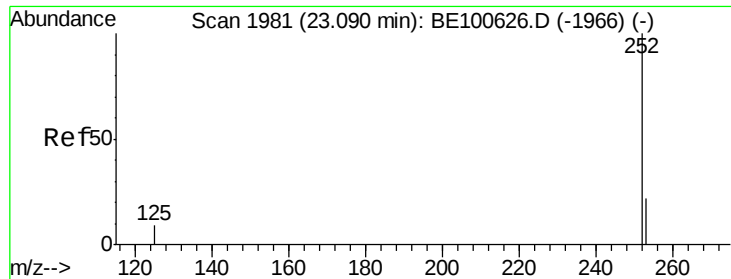
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.82 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BE100682.D
 Acq: 28 Oct 2019 20:19

Tgt Ion:264 Resp: 43759
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 26.8 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

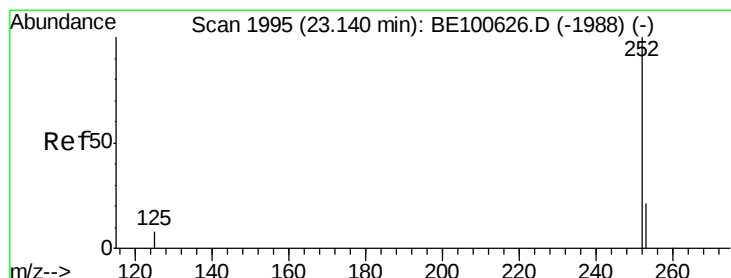
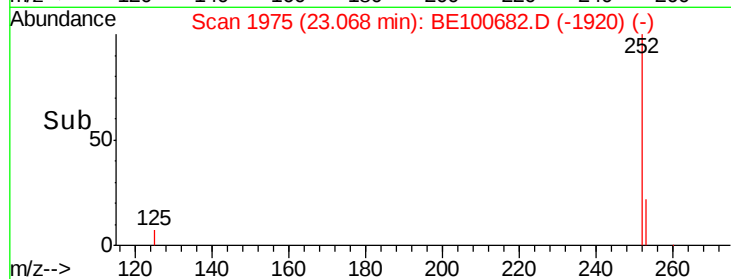
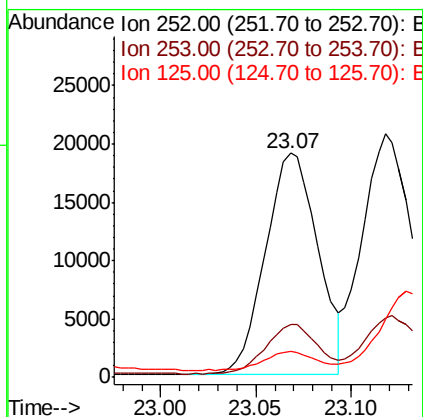
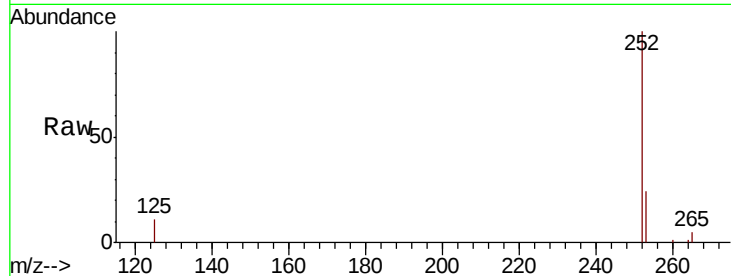




#35
Benzo(b)fluoranthene
Concen: 0.286 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

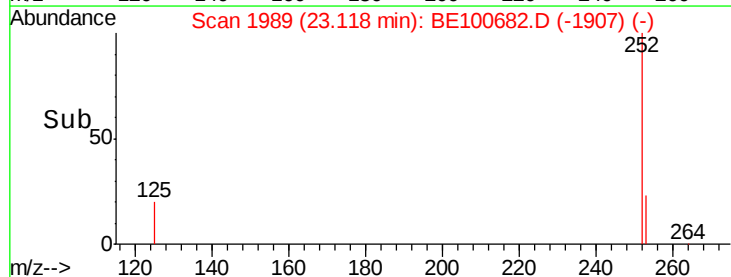
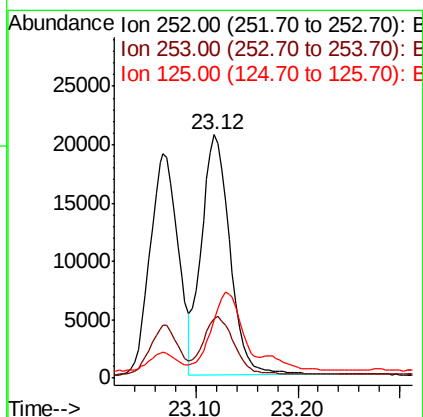
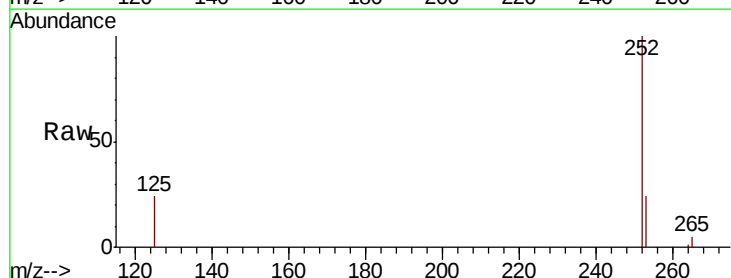
Instrument :
BNA_E
ClientSampleId :

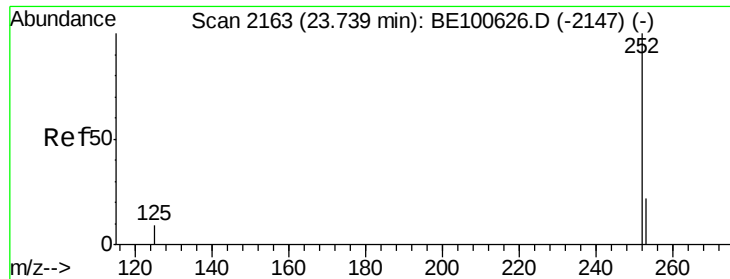
Tot Ion:252 Resp: 36543
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 11.5 7.6 11.4#



#36
Benzo(k)fluoranthene
Concen: 0.302 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE100682.D
Acq: 28 Oct 2019 20:19

Tgt Ion:252 Resp: 39608
Ion Ratio Lower Upper
252 100
253 24.4 18.4 27.6
125 23.7 11.6 17.4#





#37

Benzo(a)pyrene

Concen: 0.301 ng

RT: 23.71 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

Instrument :

BNA_E

ClientSampleId :

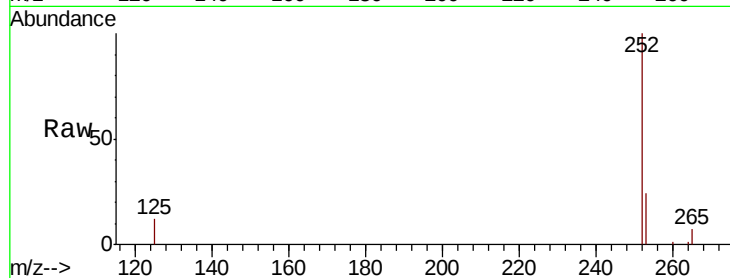
Tot Ion:252 Resp: 35716

Ion Ratio Lower Upper

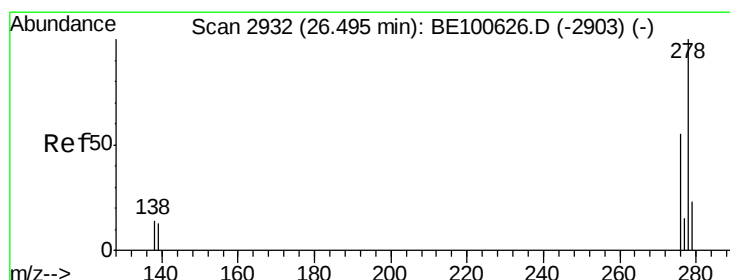
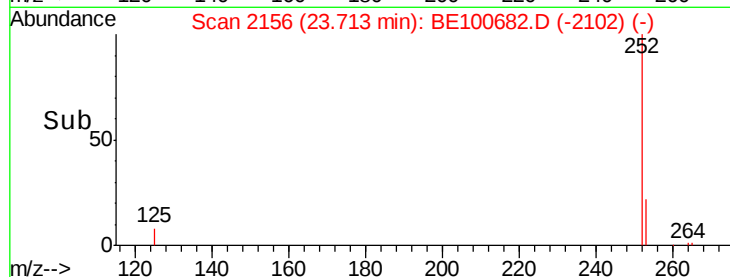
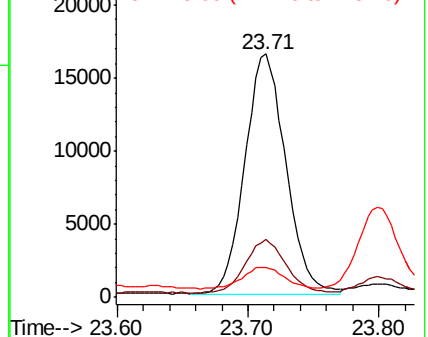
252 100

253 23.7 18.4 27.6

125 12.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.288 ng

RT: 26.45 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

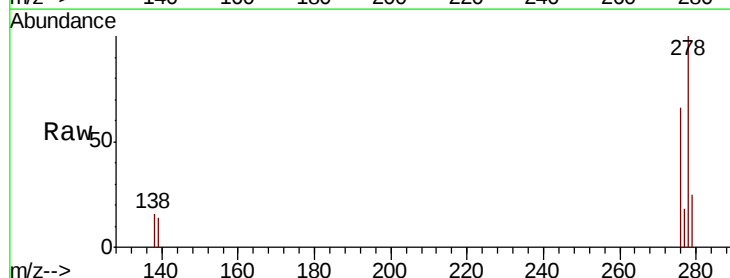
Tgt Ion:278 Resp: 35371

Ion Ratio Lower Upper

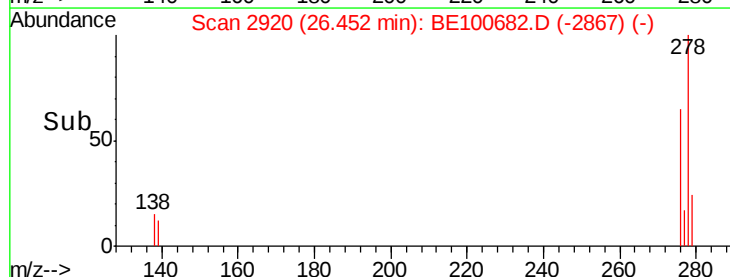
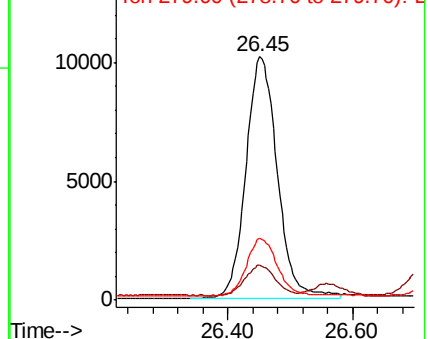
278 100

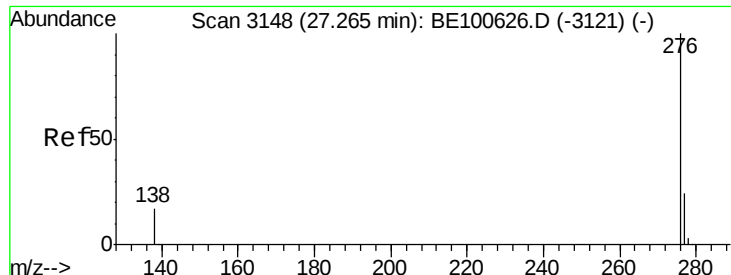
139 14.3 10.9 16.3

279 25.3 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.294 ng

RT: 27.22 min Scan# 3136

Delta R.T. -0.01 min

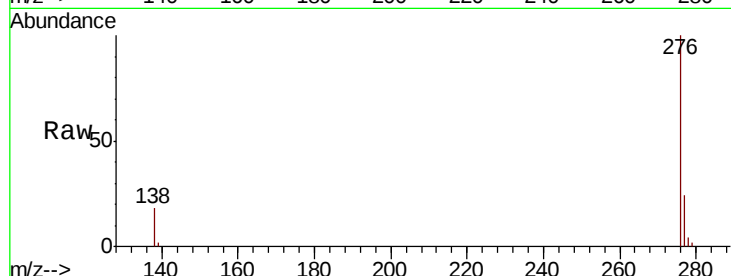
Lab File: BE100682.D

Acq: 28 Oct 2019 20:19

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 36246

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 18.1 13.6 20.4

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

