

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
 Data File : BE100692.D
 Acq On : 29 Oct 2019 2:26
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 29 11:55:12 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	3668	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	16492	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	10605	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	25525	0.40	ng	-0.01
27) Chrysene-d12	21.35	240	30279	0.40	ng	0.00
34) Perylene-d12	23.82	264	34815	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	5112	0.45	ng	0.00
5) Phenol-d6	7.01	99	7488	0.47	ng	0.00
8) Nitrobenzene-d5	8.99	82	5674	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11427	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1527	0.54	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	16360	0.42	ng	0.00
25) Fluoranthene-d10	19.21	212	144076	0.44	ng	0.00
29) Terphenyl-d14	19.81	244	30974	0.47	ng	0.00

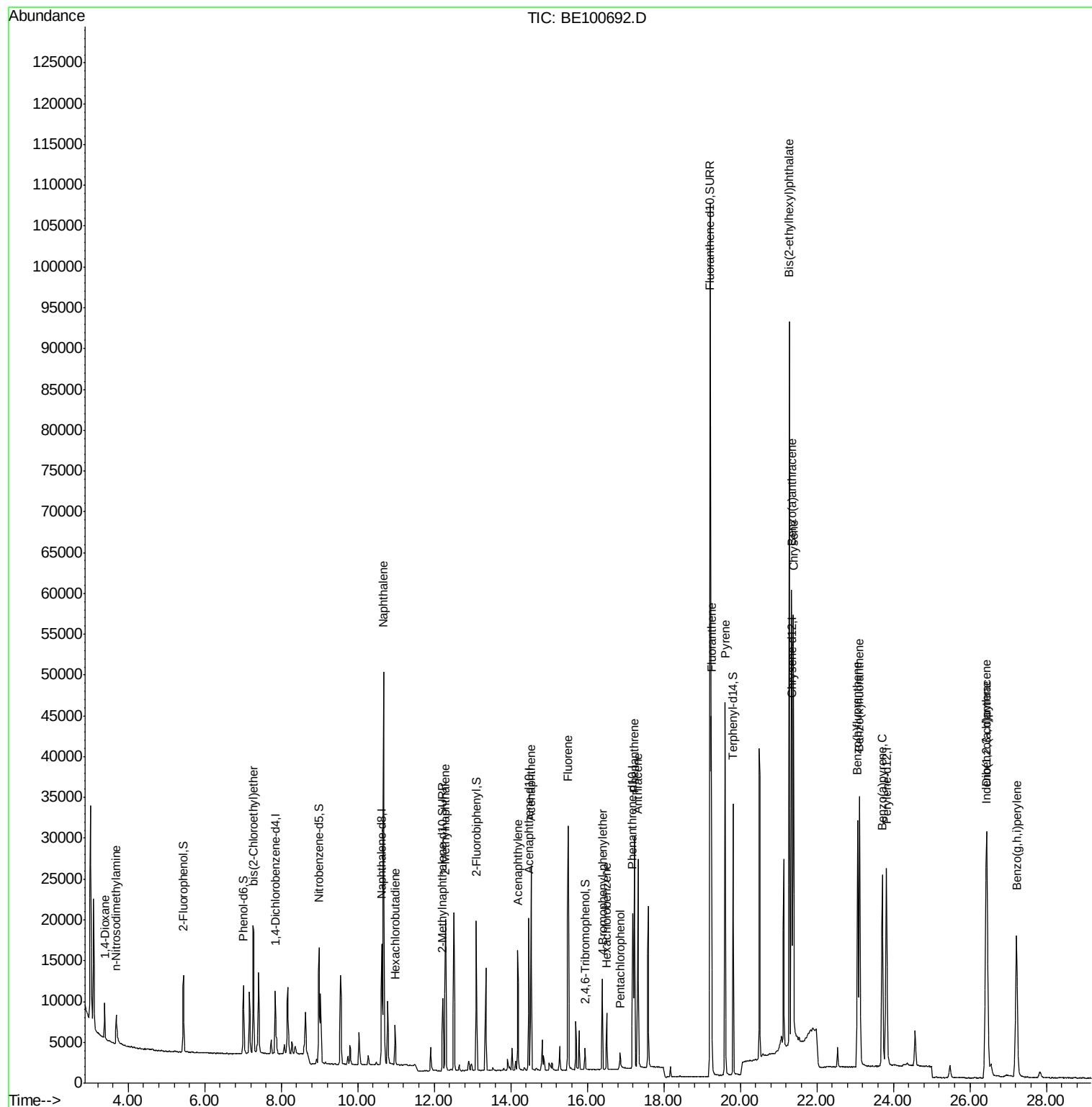
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.38	88	3267	0.499	ng	99
3) n-Nitrosodimethylamine	3.69	42	3007	0.434	ng	97
6) bis(2-Chloroethyl)ether	7.27	93	6224	0.475	ng	99
9) Naphthalene	10.68	128	77159	0.445	ng	100
10) Hexachlorobutadiene	10.98	225	3407	0.452	ng	98
12) 2-Methylnaphthalene	12.30	142	12895	0.436	ng	98
16) Acenaphthylene	14.18	152	18862	0.413	ng	99
17) Acenaphthene	14.53	154	12875	0.437	ng	98
18) Fluorene	15.50	166	17299	0.442	ng	98
20) 4-Bromophenyl-phenylether	16.40	248	5657	0.436	ng	# 86
21) Hexachlorobenzene	16.51	284	5290	0.427	ng	98
22) Pentachlorophenol	16.85	266	1419	0.356	ng	99
23) Phenanthrene	17.23	178	31267	0.445	ng	100
24) Anthracene	17.32	178	27150	0.417	ng	100
26) Fluoranthene	19.25	202	40590	0.443	ng	100
28) Pyrene	19.60	202	41722	0.493	ng	100
30) Benzo(a)anthracene	21.34	228	44024	0.446	ng	97
31) Chrysene	21.39	228	43648	0.442	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	93860	0.454	ng	100
33) Indeno(1,2,3-cd)pyrene	26.42	276	51327	0.423	ng	100
35) Benzo(b)fluoranthene	23.07	252	44472	0.438	ng	99
36) Benzo(k)fluoranthene	23.12	252	46310	0.444	ng	97
37) Benzo(a)pyrene	23.71	252	40510	0.429	ng	100
38) Dibenzo(a,h)anthracene	26.45	278	42472	0.435	ng	99
39) Benzo(g,h,i)perylene	27.22	276	42951	0.437	ng	100

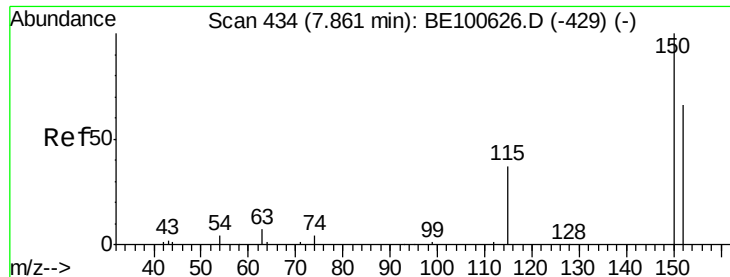
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
Data File : BE100692.D
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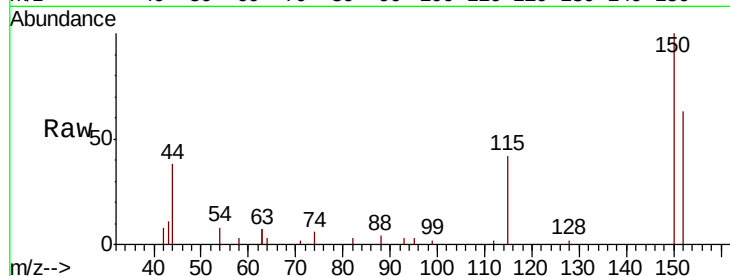


#1

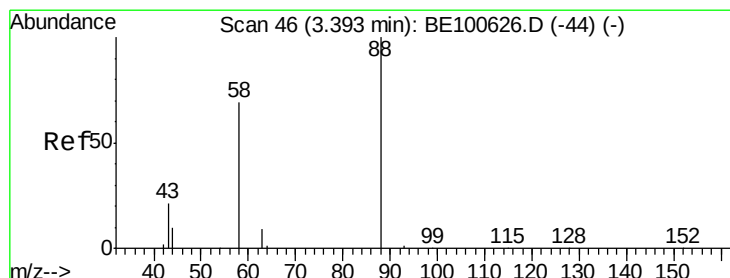
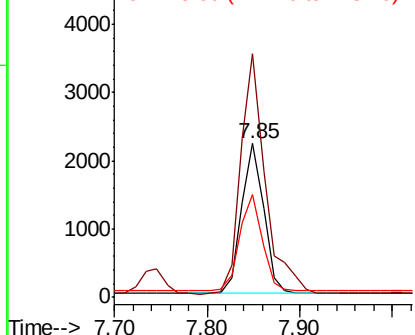
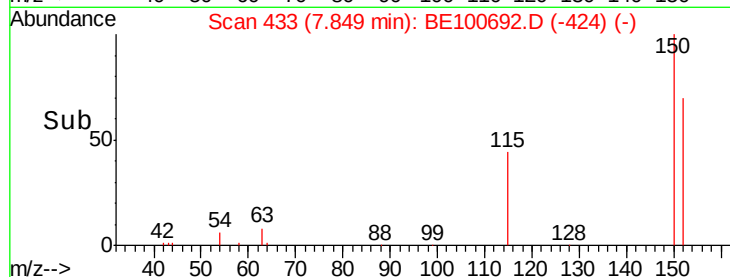
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.00 min
Lab File: BE100692.D
Acq: 29 Oct 2019 2:26

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3668
Ion Ratio Lower Upper
152 100
150 158.2 123.3 184.9
115 66.8 51.9 77.9



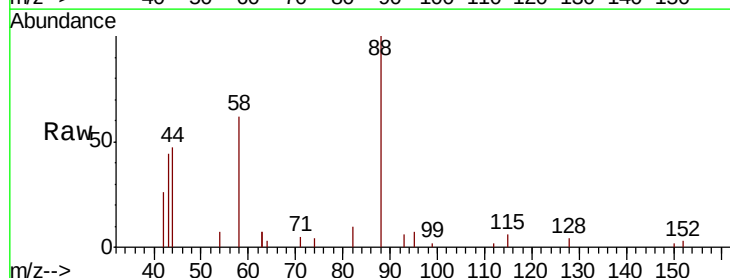
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



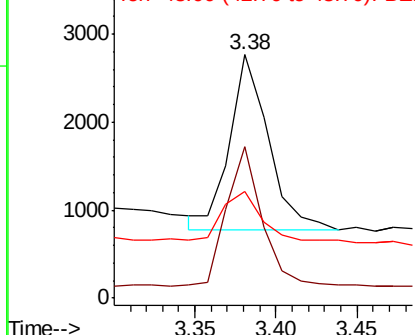
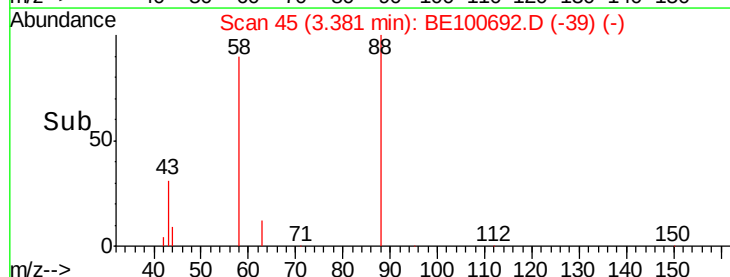
#2

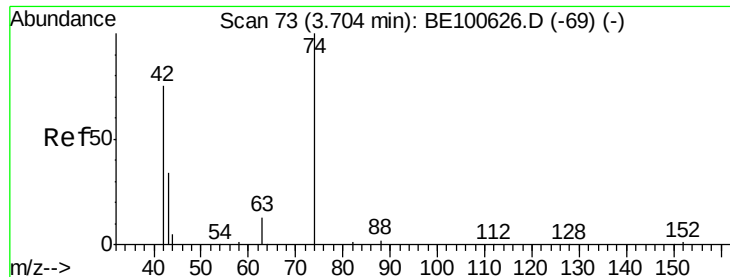
1,4-Dioxane
Concen: 0.499 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE100692.D
Acq: 29 Oct 2019 2:26

Tgt Ion: 88 Resp: 3267
Ion Ratio Lower Upper
88 100
58 74.4 59.8 89.6
43 31.5 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: 0.434 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

ClientSampleId :

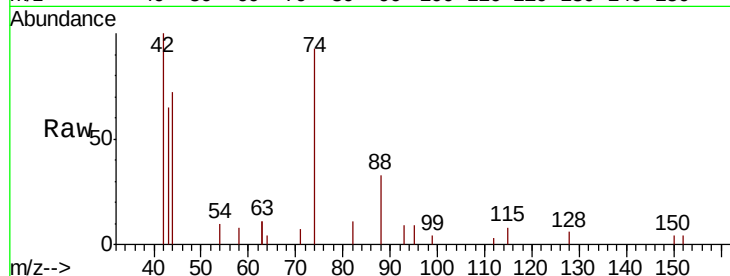
Tot Ion: 42 Resp: 3007

Ion Ratio Lower Upper

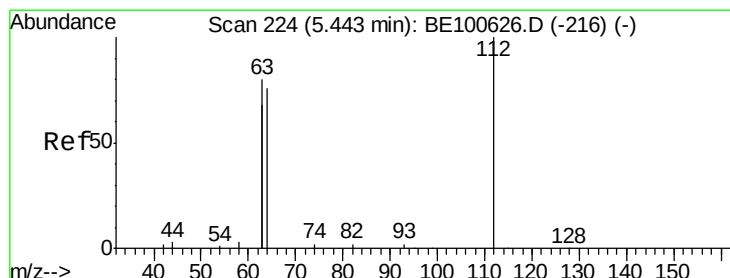
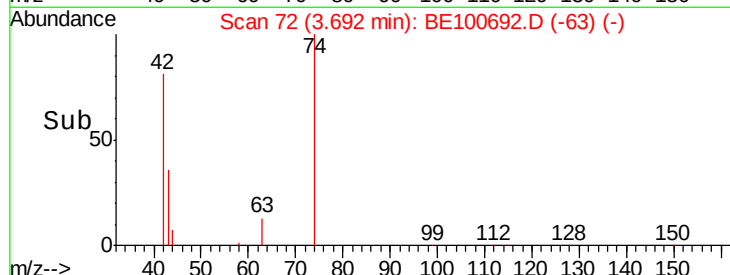
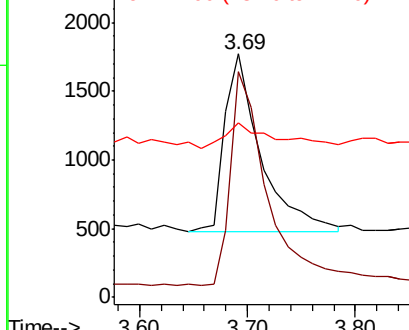
42 100

74 124.3 97.2 145.8

44 19.1 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: 0.451 ng

RT: 5.44 min Scan# 224

Delta R.T. -0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

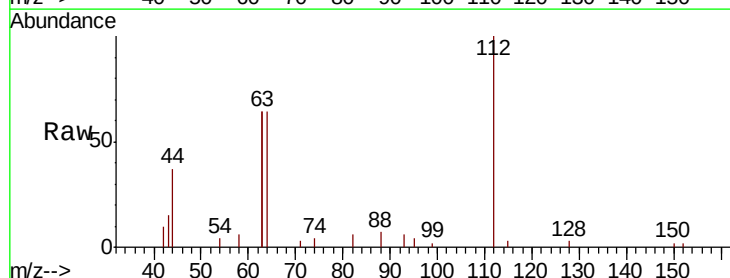
Tgt Ion: 112 Resp: 5112

Ion Ratio Lower Upper

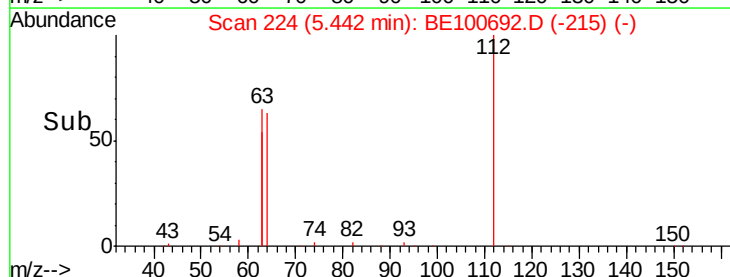
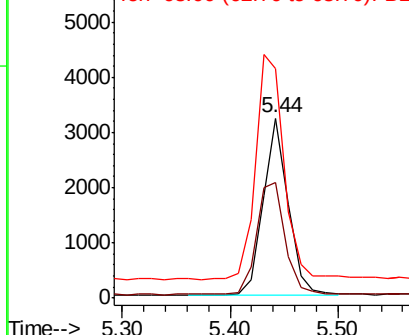
112 100

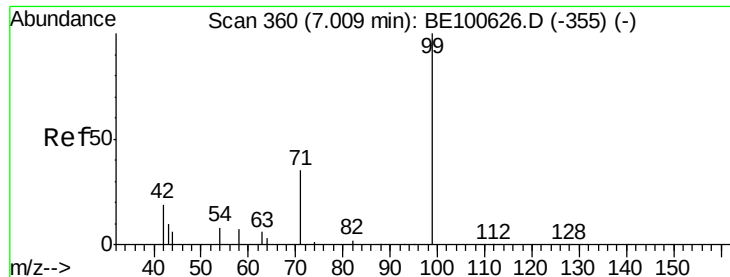
64 73.1 55.4 83.2

63 144.9 114.2 171.4



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: 0.469 ng

RT: 7.01 min Scan# 360

Delta R.T. -0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

ClientSampleId :

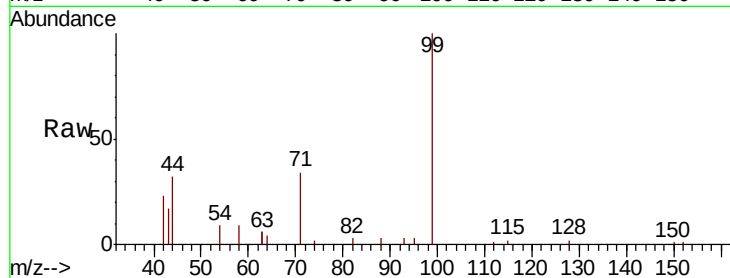
Tot Ion: 99 Resp: 7488

Ion Ratio Lower Upper

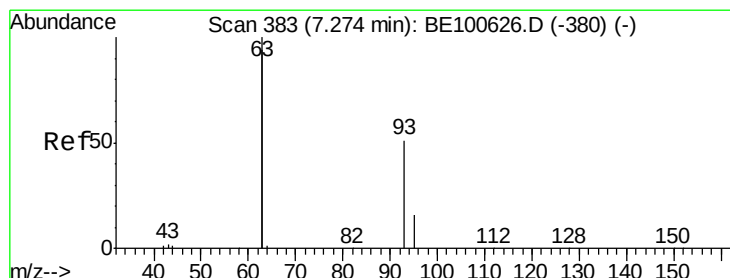
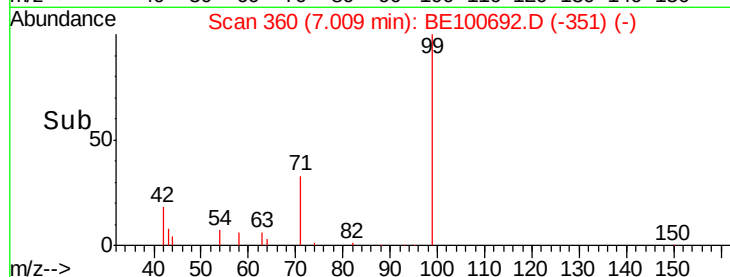
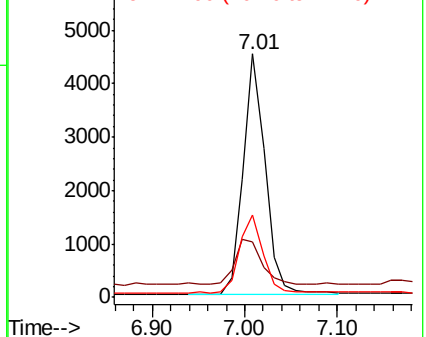
99 100

42 21.7 17.7 26.5

71 35.3 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: 0.475 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

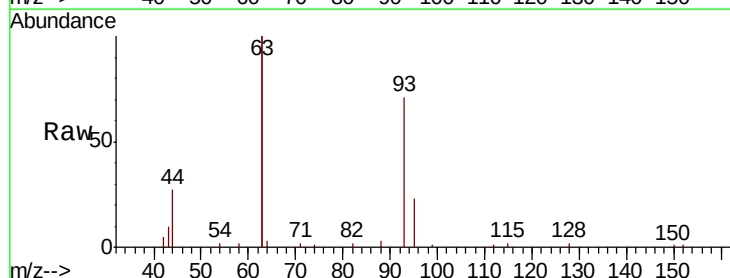
Tgt Ion: 93 Resp: 6224

Ion Ratio Lower Upper

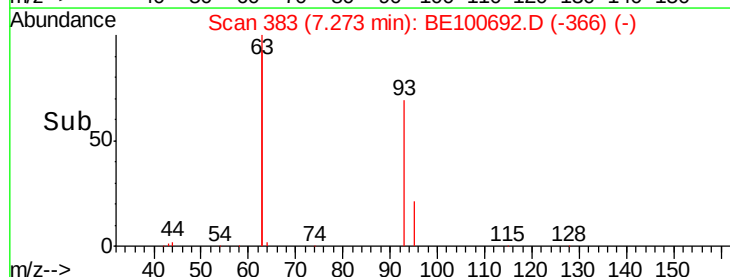
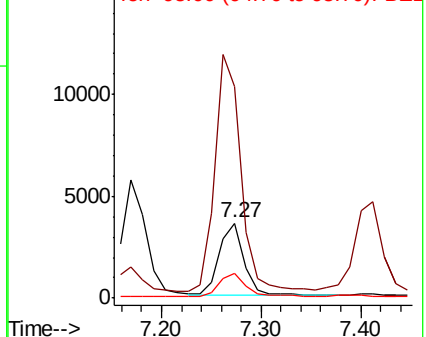
93 100

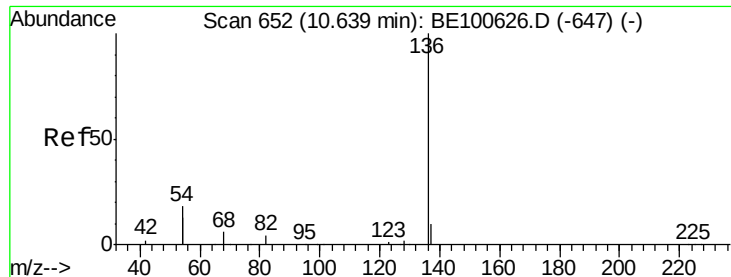
63 333.3 268.8 403.2

95 31.5 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: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 16492

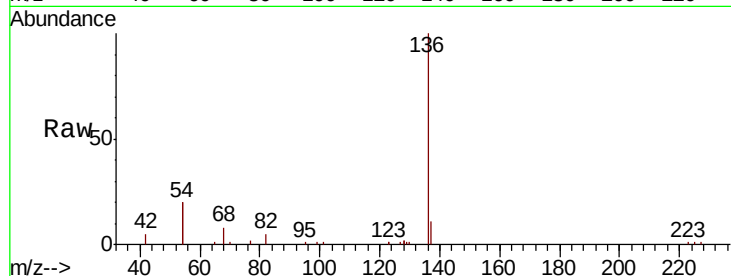
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 40.6 39.4 59.2

68 8.0 8.0 12.0

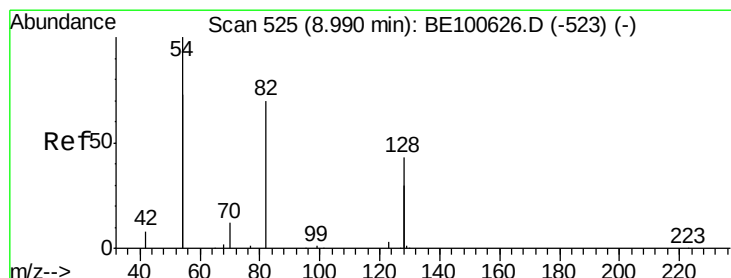
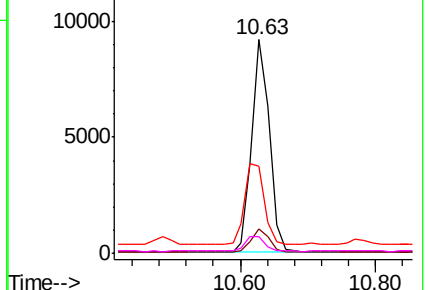
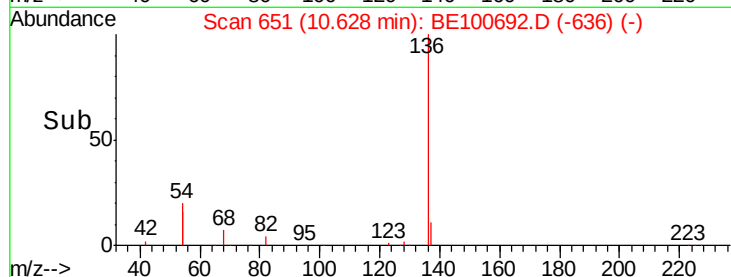


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.555 ng

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

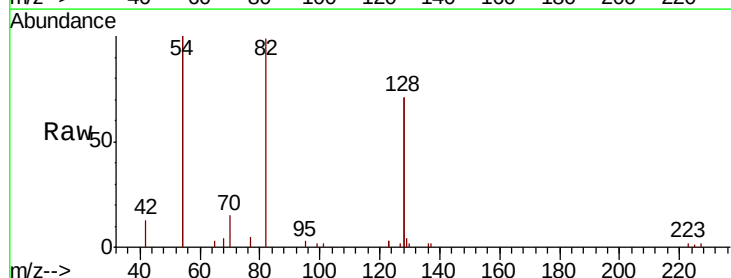
Tgt Ion: 82 Resp: 5674

Ion Ratio Lower Upper

82 100

128 142.9 107.8 161.8

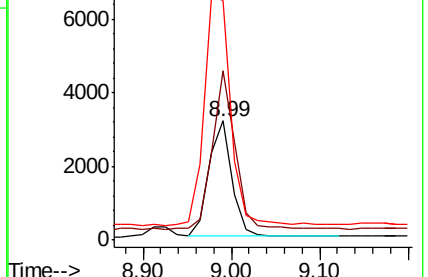
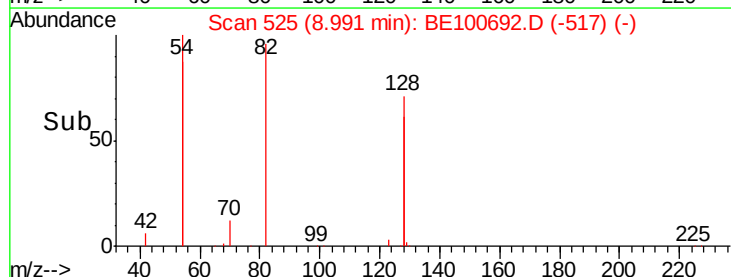
54 201.3 166.1 249.1

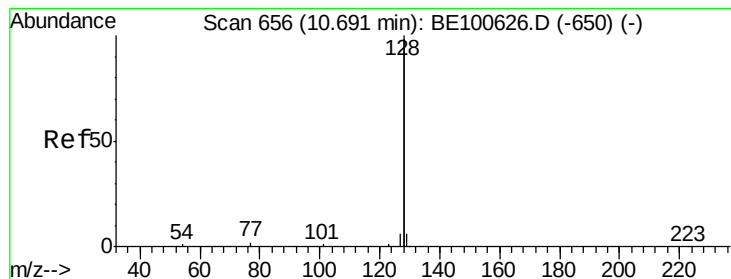


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.445 ng

RT: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

ClientSampled :

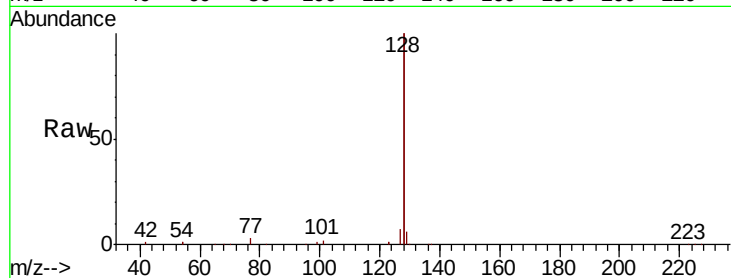
Tot Ion:128 Resp: 77159

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

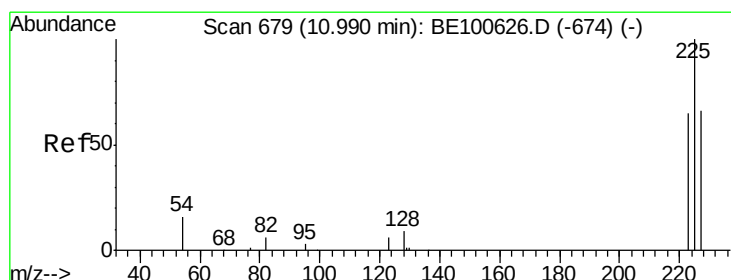
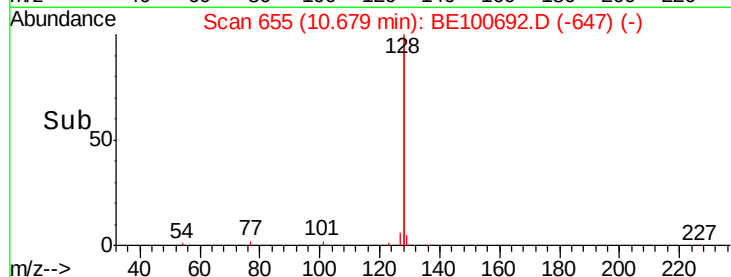
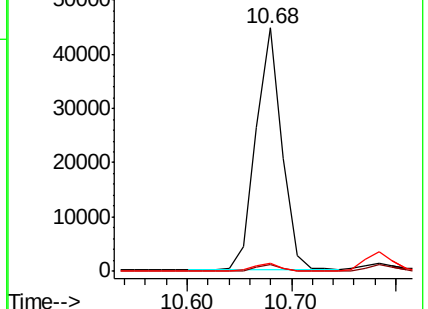
127 3.3 2.7 4.1



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: 0.452 ng

RT: 10.98 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

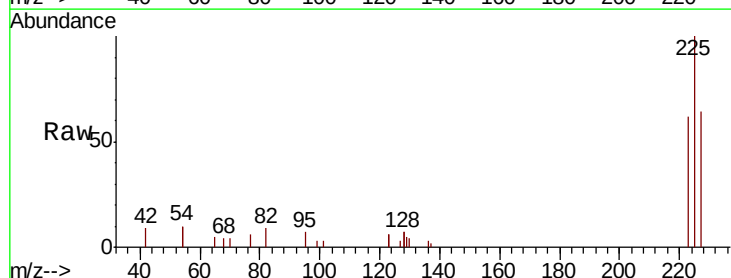
Tgt Ion:225 Resp: 3407

Ion Ratio Lower Upper

225 100

223 62.5 48.6 72.8

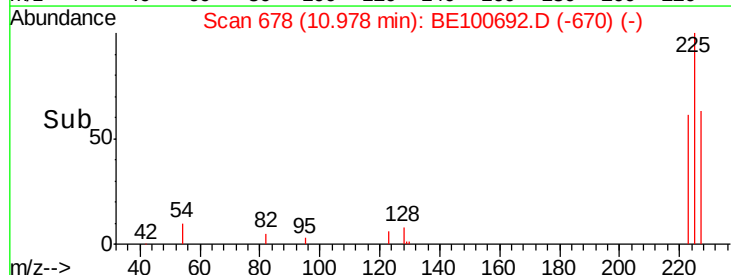
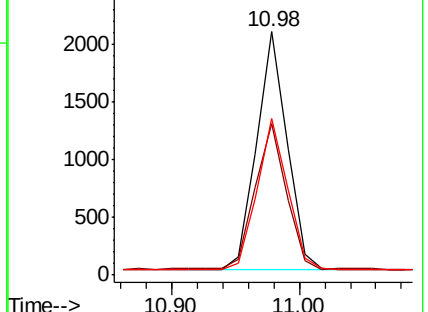
227 63.6 51.6 77.4

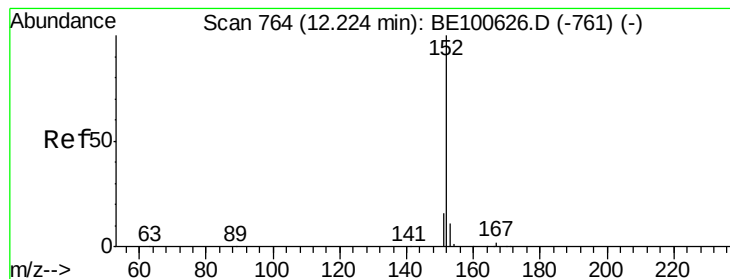


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.439 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

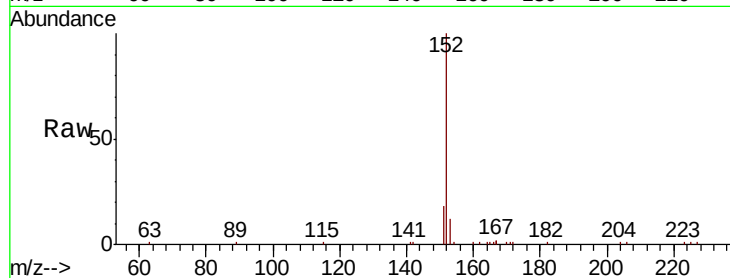
ClientSampleId :

Tot Ion:152 Resp: 11427

Ion Ratio Lower Upper

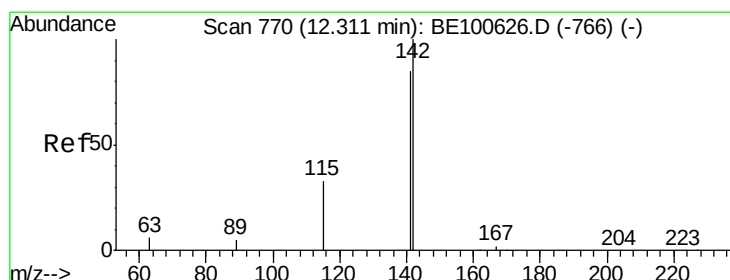
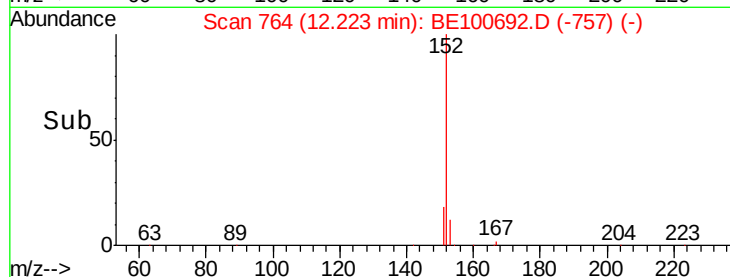
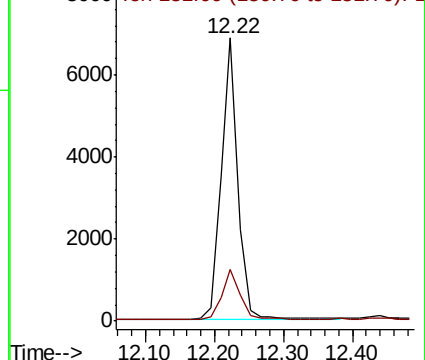
152 100

151 18.9 14.7 22.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.436 ng

RT: 12.30 min Scan# 769

Delta R.T. -0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

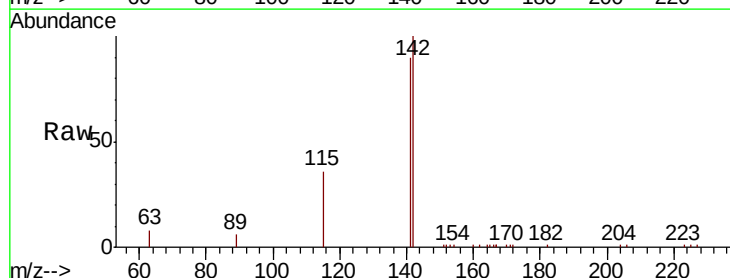
Tgt Ion:142 Resp: 12895

Ion Ratio Lower Upper

142 100

141 90.1 70.1 105.1

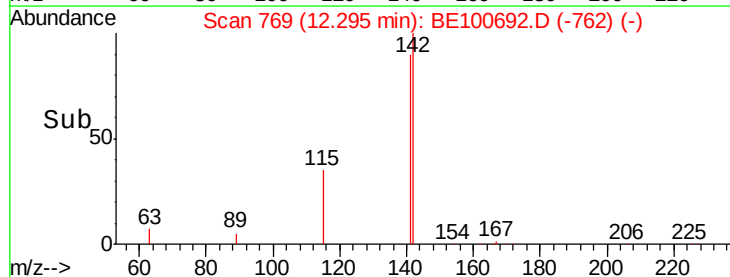
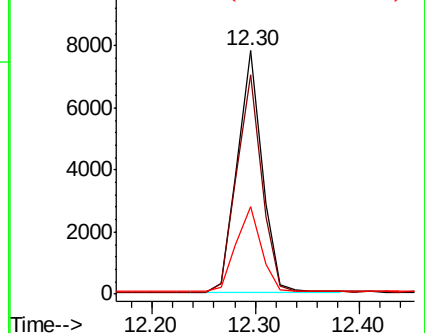
115 35.9 28.3 42.5

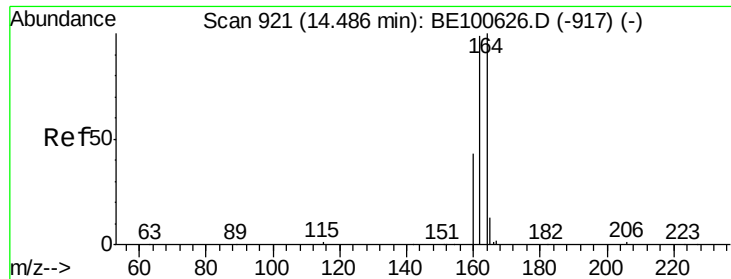


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

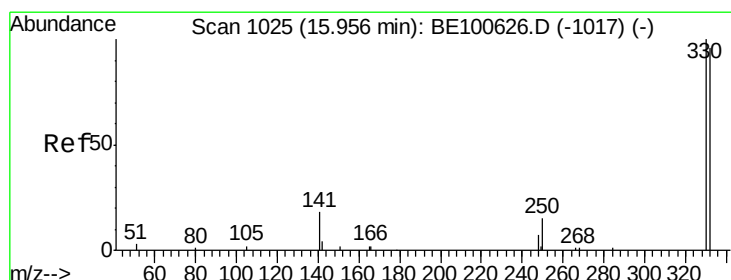
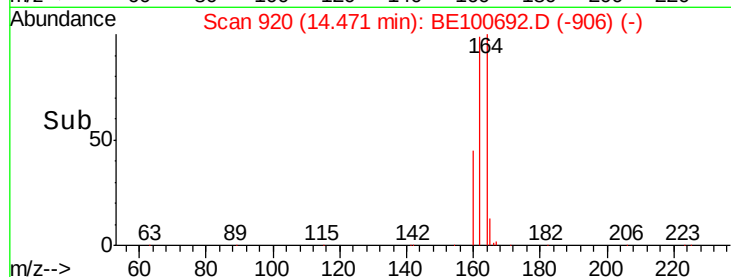
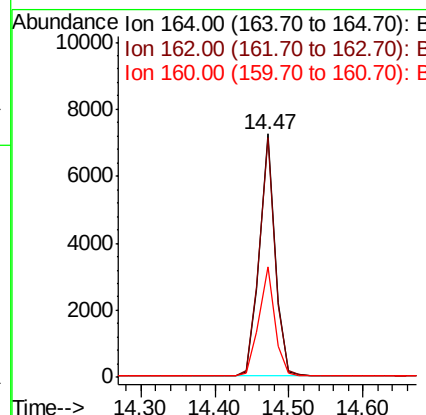
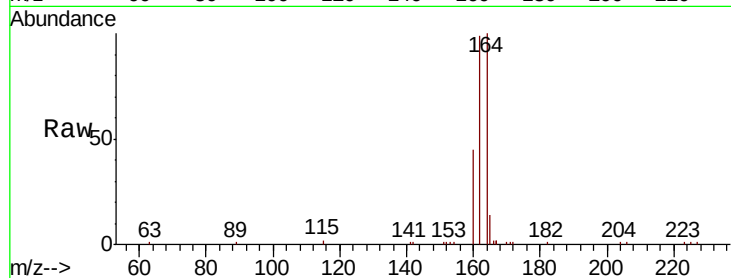




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE100692.D
 Acq: 29 Oct 2019 2:26

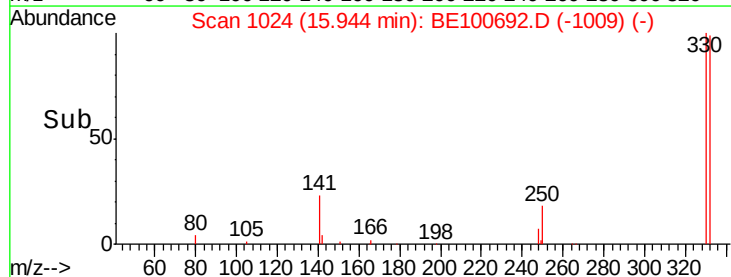
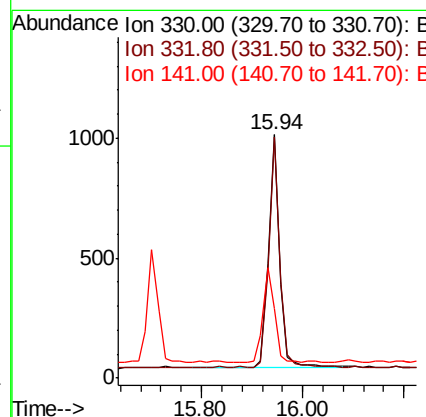
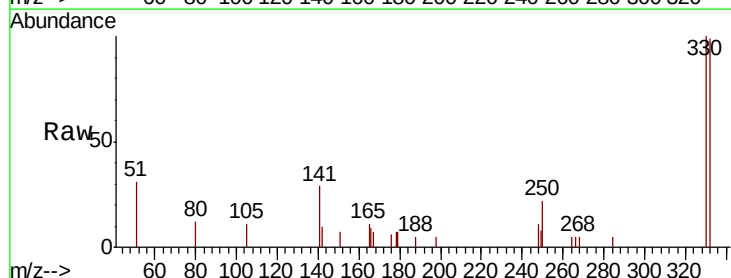
Instrument :
 BNA_E
 ClientSampleId :

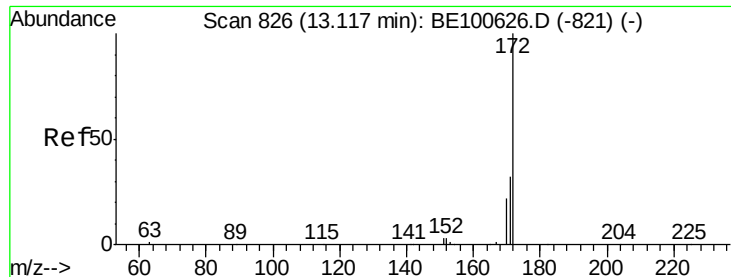
Tot Ion:164 Resp: 10605
 Ion Ratio Lower Upper
 164 100
 162 98.5 82.0 123.0
 160 45.2 37.5 56.3



#14
 2,4,6-Tribromophenol
 Concen: 0.545 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE100692.D
 Acq: 29 Oct 2019 2:26

Tgt Ion:330 Resp: 1527
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.9 116.9
 141 41.1 33.0 49.6

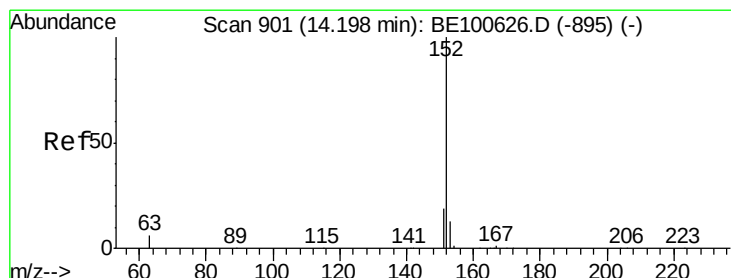
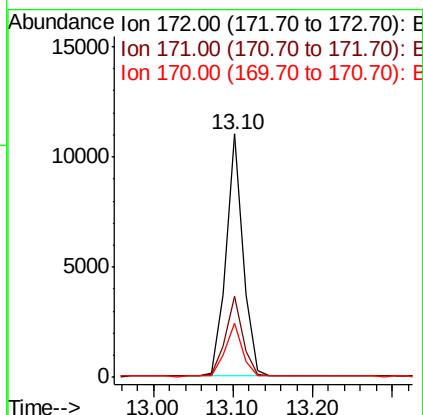
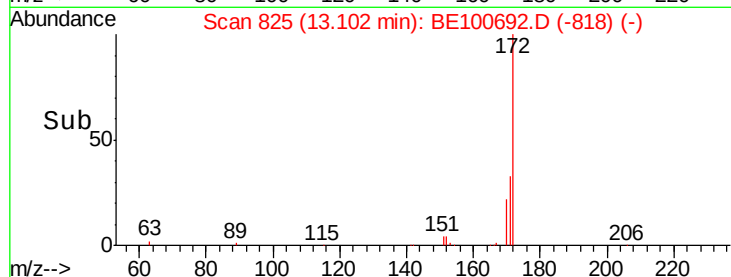
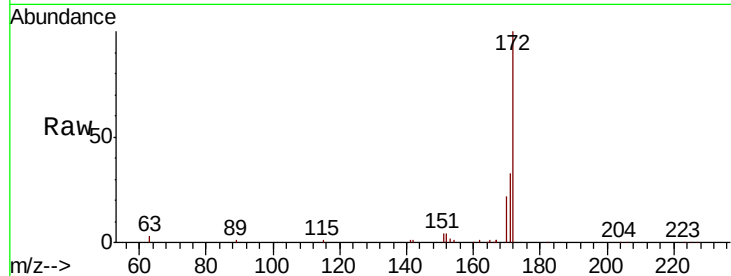




#15
2-Fluorobiphenyl
Concen: 0.423 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100692.D
Acq: 29 Oct 2019 2:26

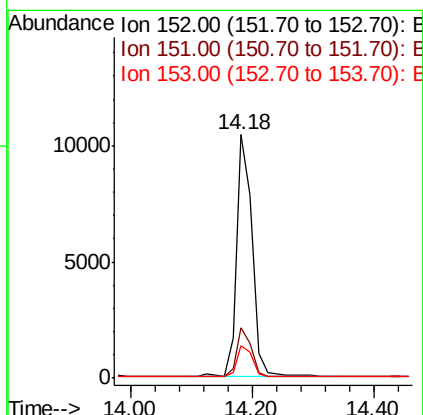
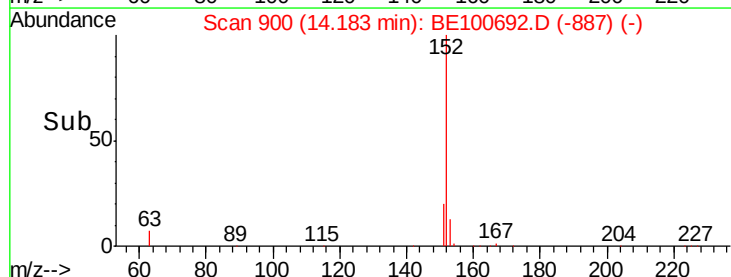
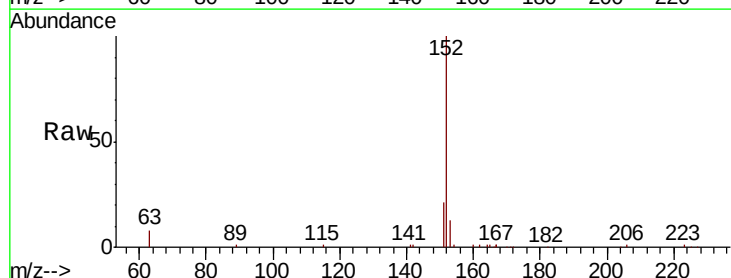
Instrument :
BNA_E
ClientSampleId :

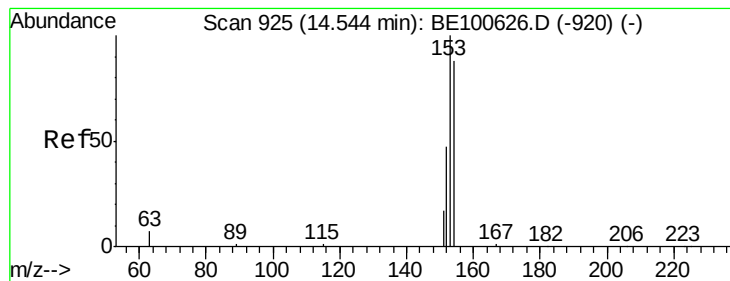
Tot Ion:172 Resp: 16360
Ion Ratio Lower Upper
172 100
171 33.1 26.5 39.7
170 22.0 19.0 28.4



#16
Acenaphthylene
Concen: 0.413 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.02 min
Lab File: BE100692.D
Acq: 29 Oct 2019 2:26

Tgt Ion:152 Resp: 18862
Ion Ratio Lower Upper
152 100
151 19.5 15.2 22.8
153 13.0 10.3 15.5





#17

Acenaphthene

Concen: 0.437 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

ClientSampleId :

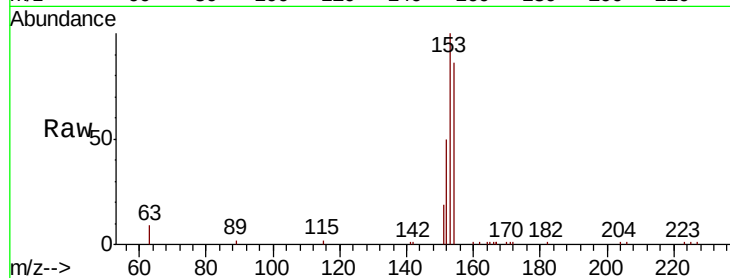
Tot Ion:154 Resp: 12875

Ion Ratio Lower Upper

154 100

153 114.1 89.4 134.2

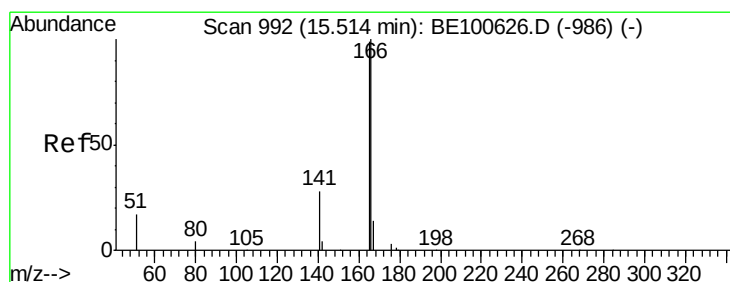
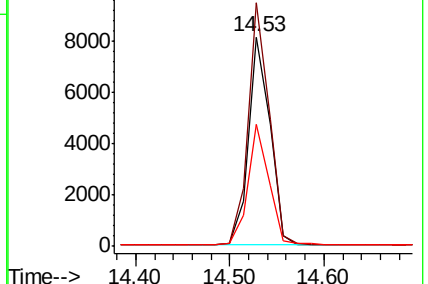
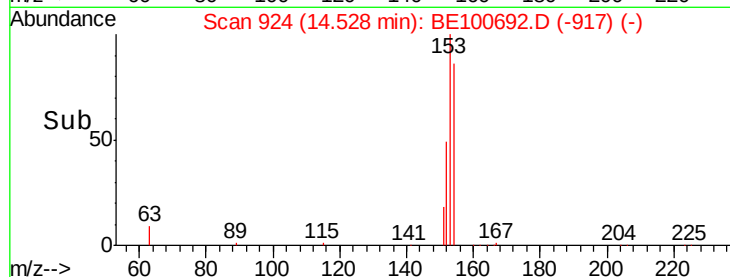
152 55.9 44.1 66.1



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: 0.442 ng

RT: 15.50 min Scan# 991

Delta R.T. 0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

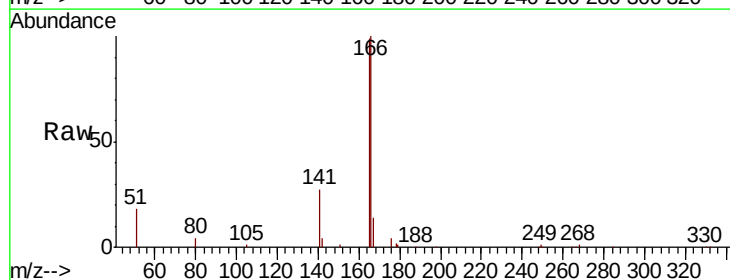
Tgt Ion:166 Resp: 17299

Ion Ratio Lower Upper

166 100

165 99.9 78.6 117.8

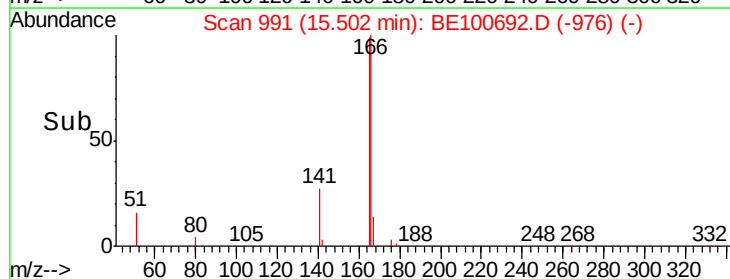
167 13.7 10.9 16.3



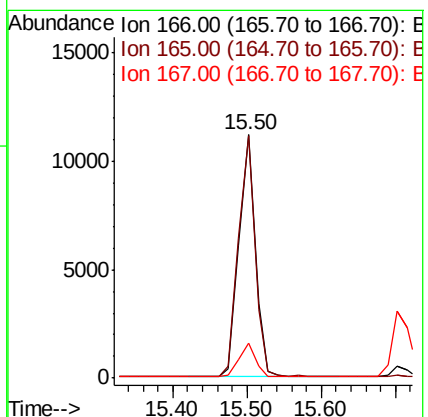
Abundance Ion 166.00 (165.70 to 166.70): E

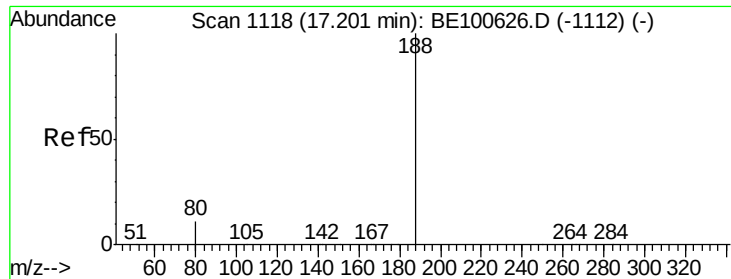
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

ClientSampleId :

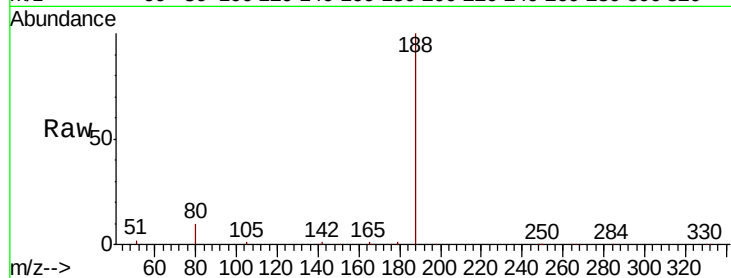
Tot Ion:188 Resp: 25525

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

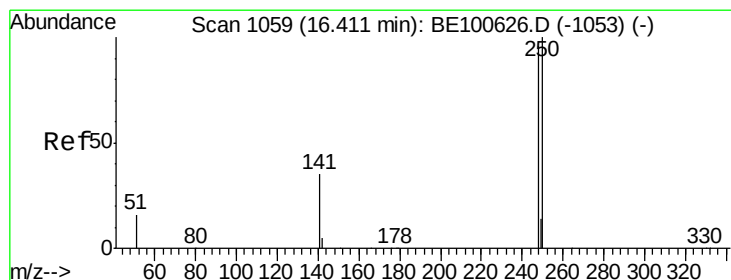
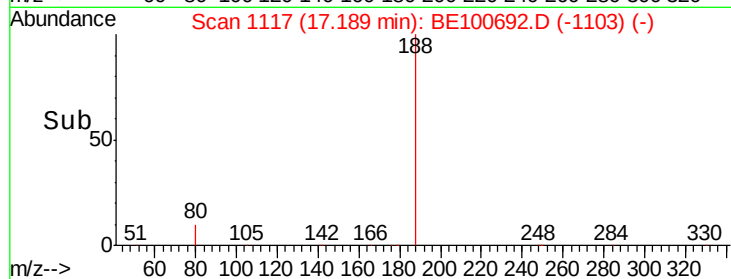
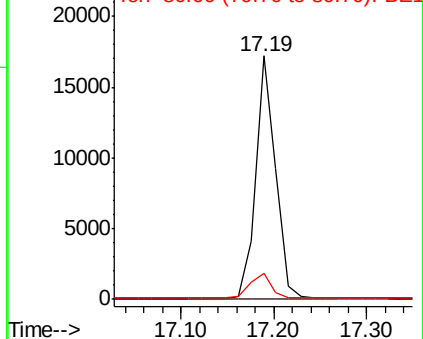
80 10.5 5.4 8.0#



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: 0.436 ng

RT: 16.40 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

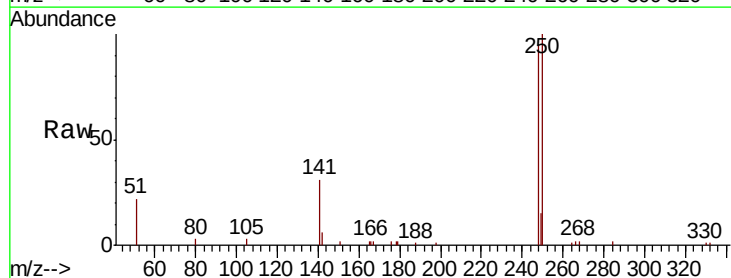
Tgt Ion:248 Resp: 5657

Ion Ratio Lower Upper

248 100

250 105.8 76.3 114.5

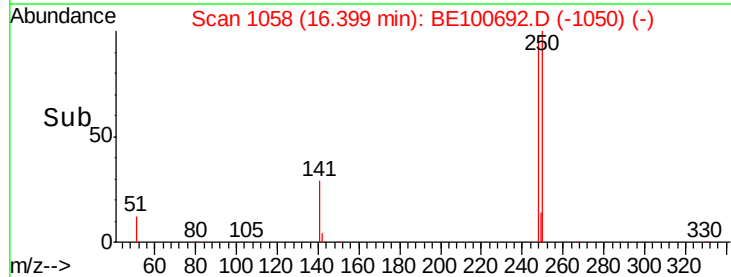
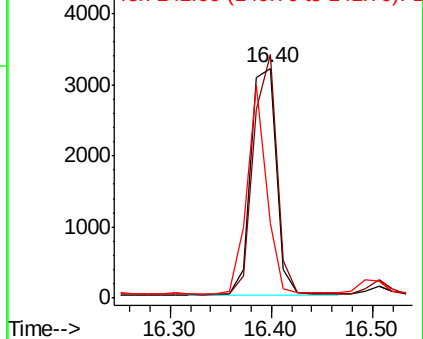
141 32.3 37.3 55.9#

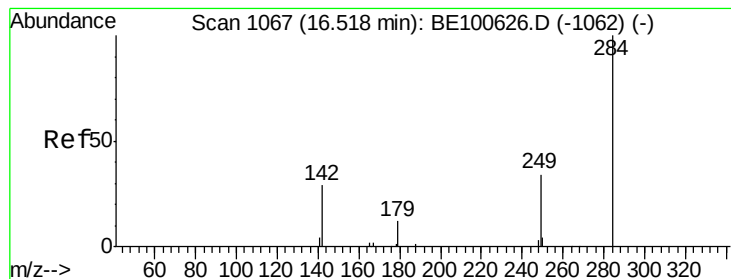


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.427 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

ClientSampleId :

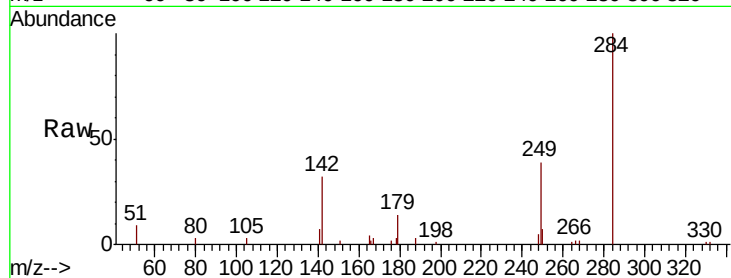
Tot Ion:284 Resp: 5290

Ion Ratio Lower Upper

284 100

142 35.8 28.6 42.8

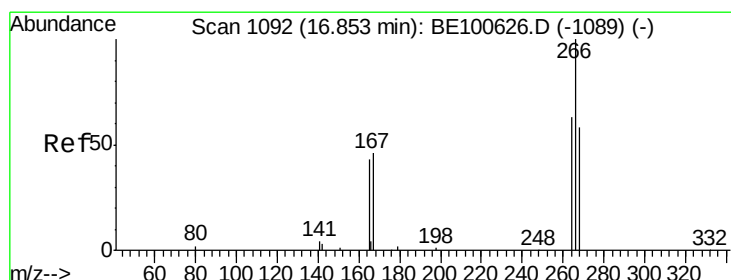
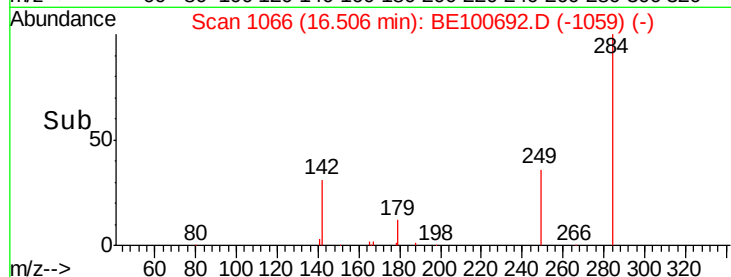
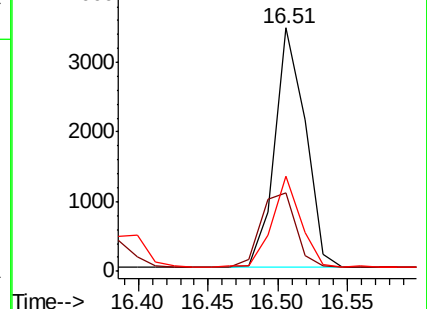
249 35.0 26.3 39.5



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: 0.356 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

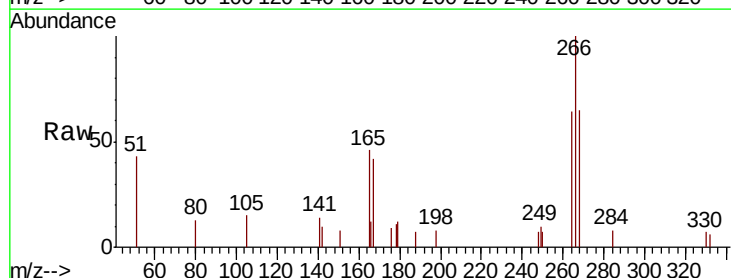
Tgt Ion:266 Resp: 1419

Ion Ratio Lower Upper

266 100

264 64.4 52.2 78.4

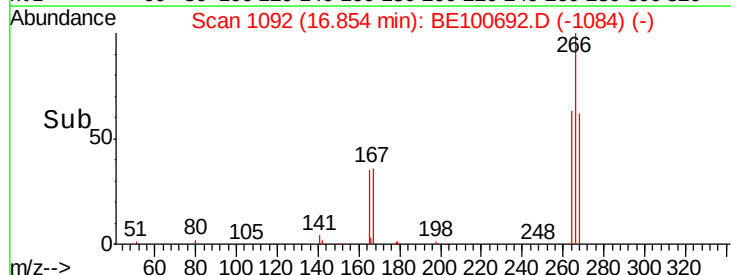
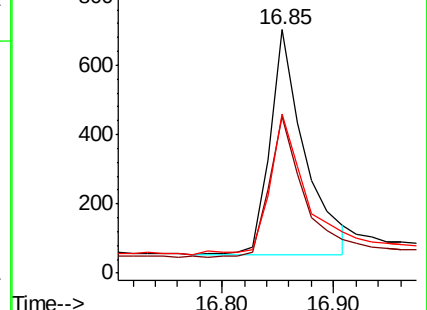
268 65.4 53.1 79.7

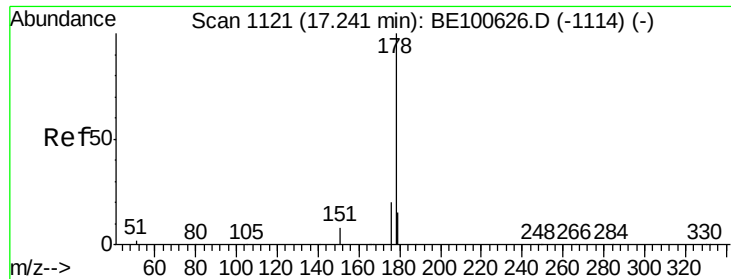


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.445 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

ClientSampled :

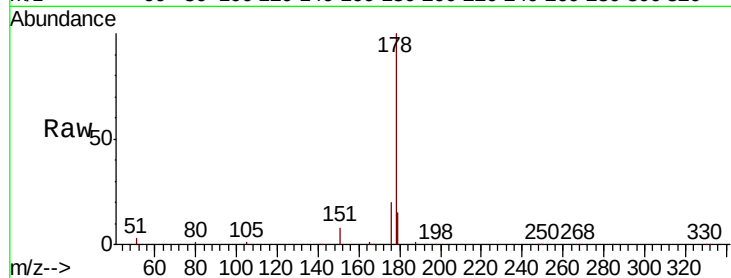
Tot Ion:178 Resp: 31267

Ion Ratio Lower Upper

178 100

176 18.9 15.2 22.8

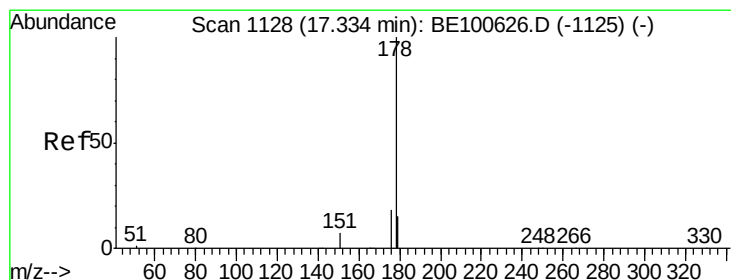
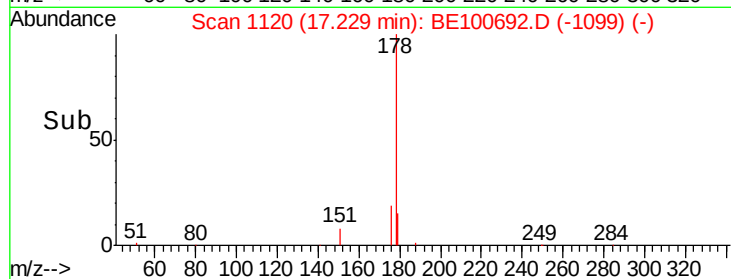
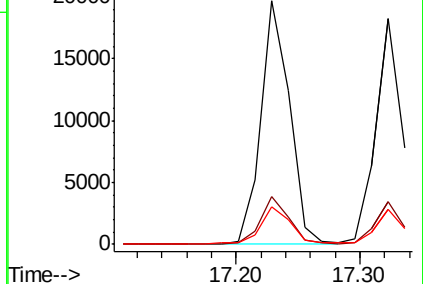
179 15.4 12.1 18.1



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: 0.417 ng

RT: 17.32 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

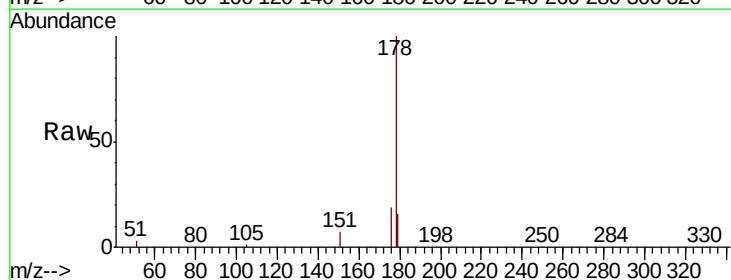
Tgt Ion:178 Resp: 27150

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

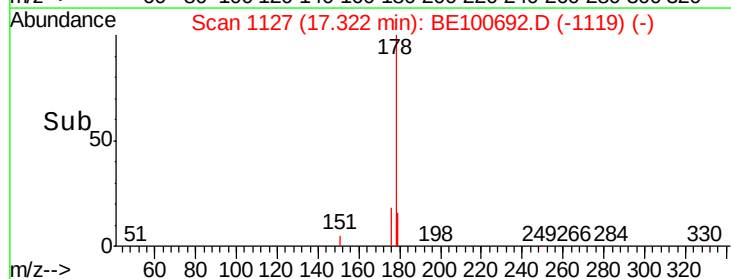
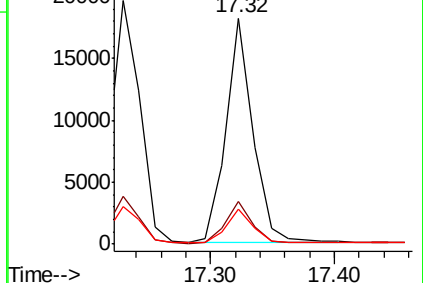
179 15.4 12.5 18.7

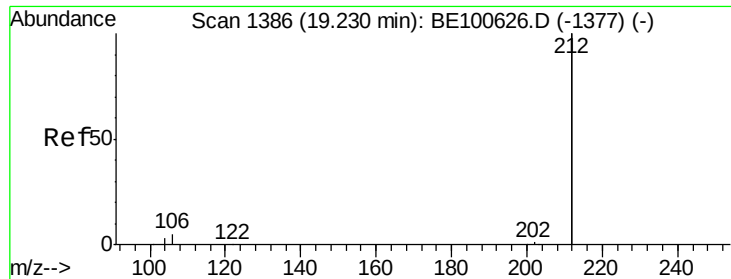


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

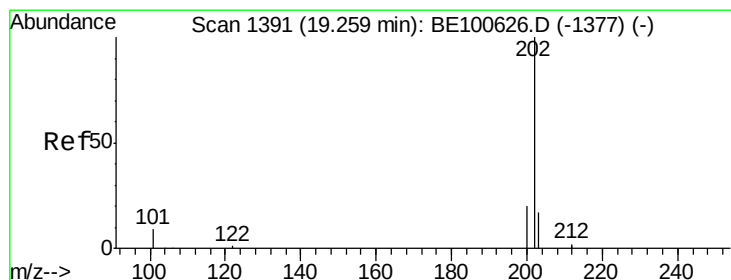
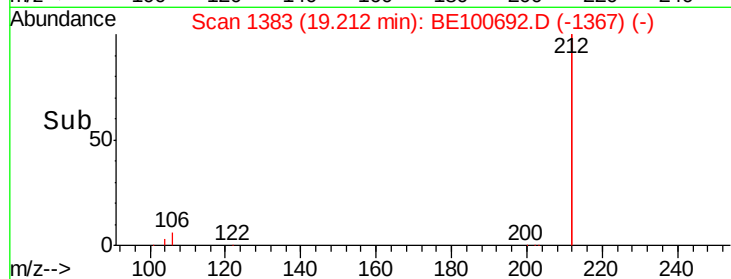
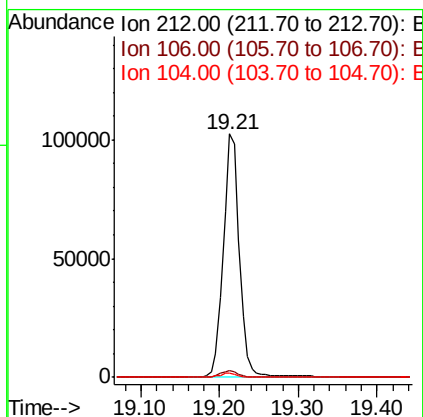
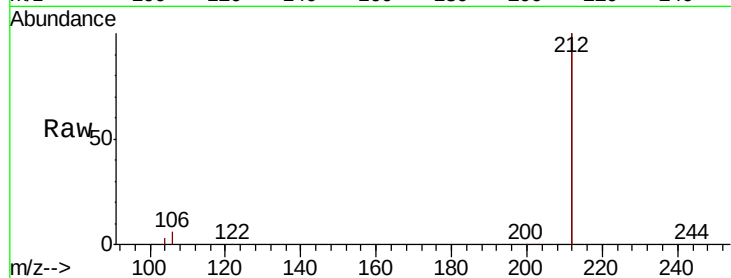




#25
 Fluoranthene-d10
 Concen: 0.437 ng
 RT: 19.21 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BE100692.D
 Acq: 29 Oct 2019 2:26

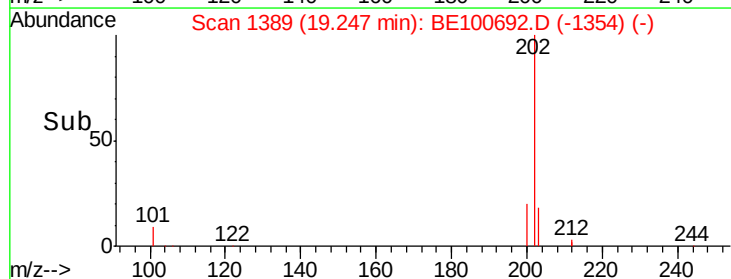
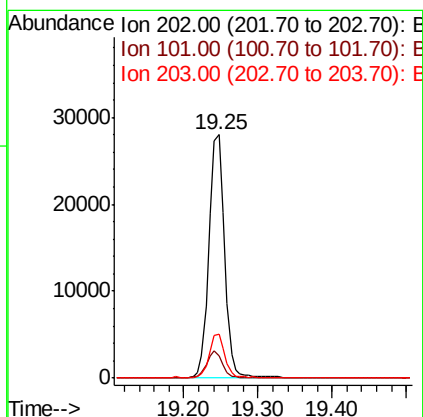
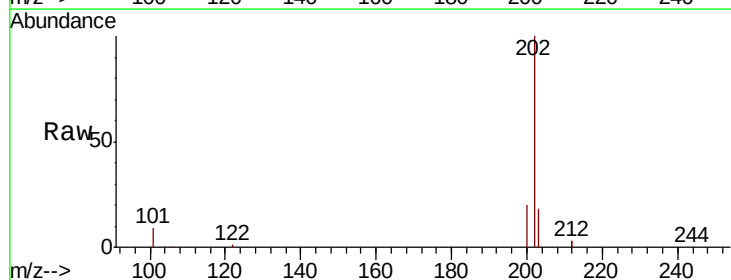
Instrument :
 BNA_E
 ClientSampleId :

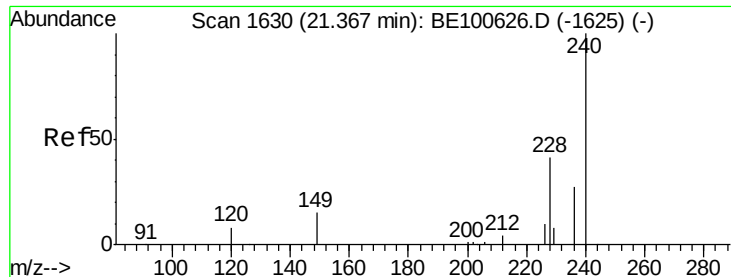
Tot Ion:212 Resp: 144076
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.3 3.5
 104 1.6 1.3 1.9



#26
 Fluoranthene
 Concen: 0.443 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BE100692.D
 Acq: 29 Oct 2019 2:26

Tgt Ion:202 Resp: 40590
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.5 12.7
 203 17.2 13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

ClientSampleId :

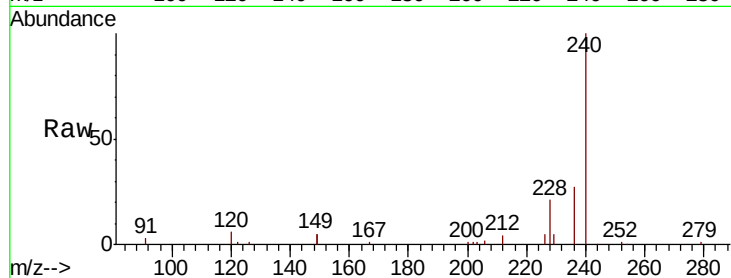
Tot Ion:240 Resp: 30279

Ion Ratio Lower Upper

240 100

120 6.0 7.6 11.4#

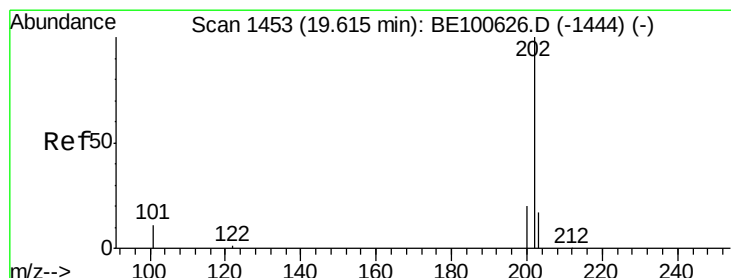
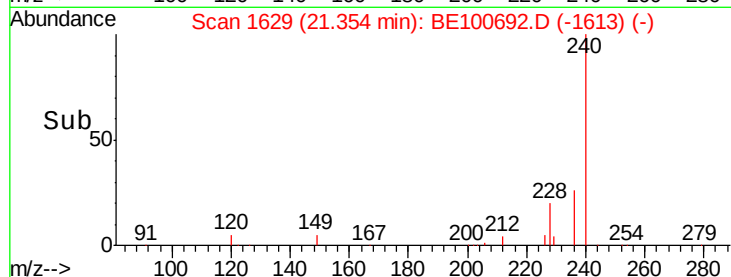
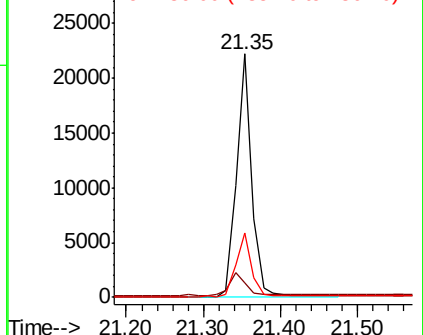
236 26.5 22.1 33.1



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



#28

Pyrene

Concen: 0.493 ng

RT: 19.60 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

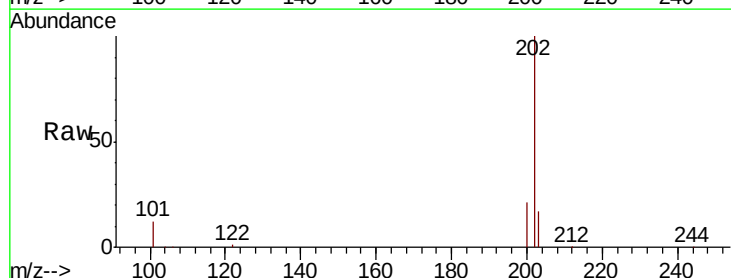
Tgt Ion:202 Resp: 41722

Ion Ratio Lower Upper

202 100

200 20.7 16.7 25.1

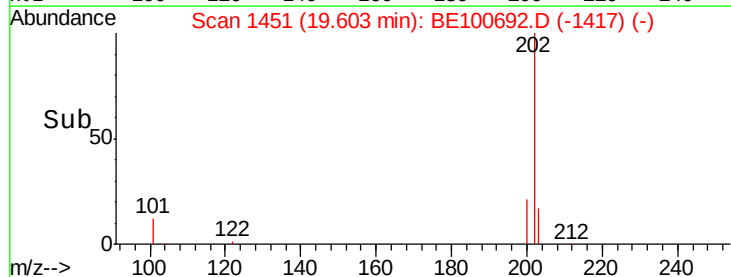
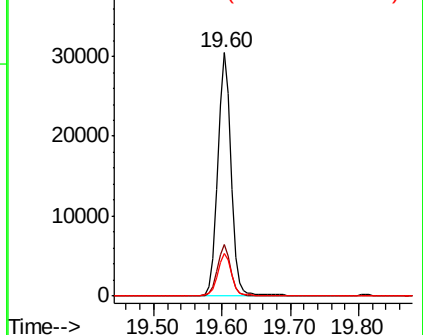
203 17.5 14.0 21.0

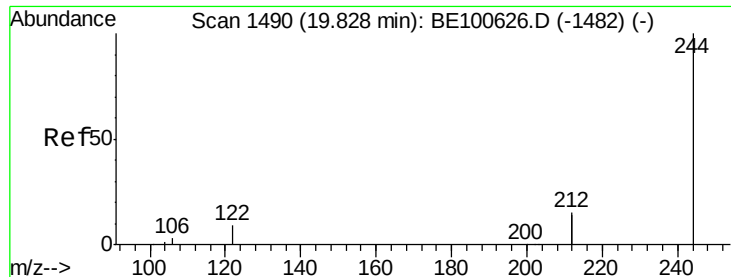


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.468 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

ClientSampleId :

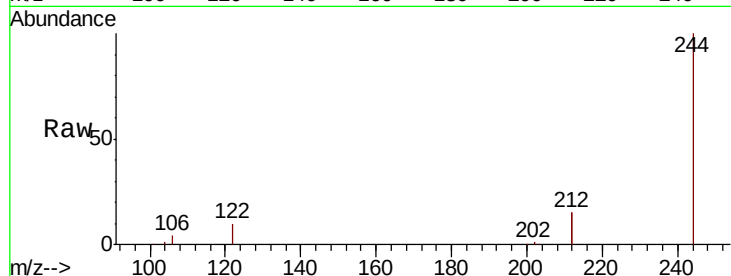
Tot Ion:244 Resp: 30974

Ion Ratio Lower Upper

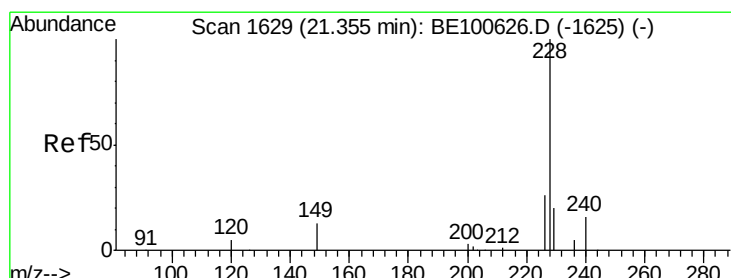
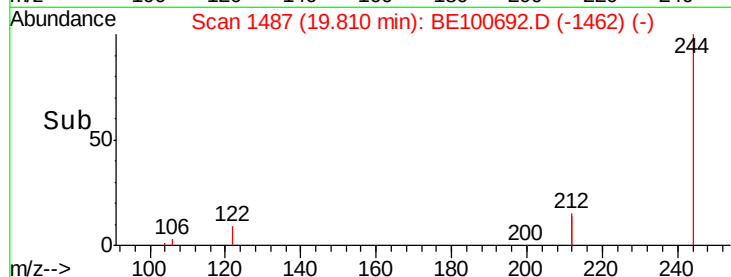
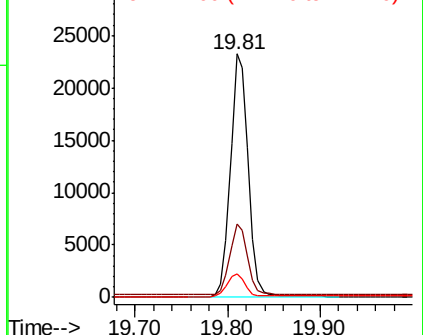
244 100

212 30.2 23.7 35.5

122 9.8 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: 0.446 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

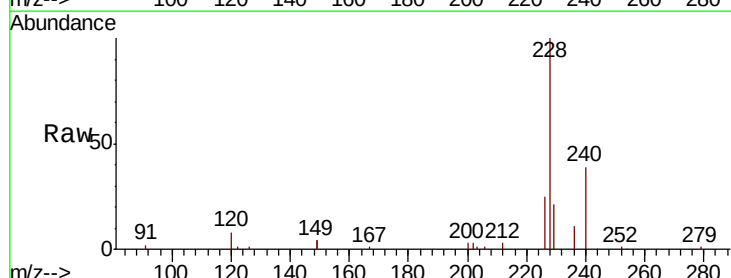
Tgt Ion:228 Resp: 44024

Ion Ratio Lower Upper

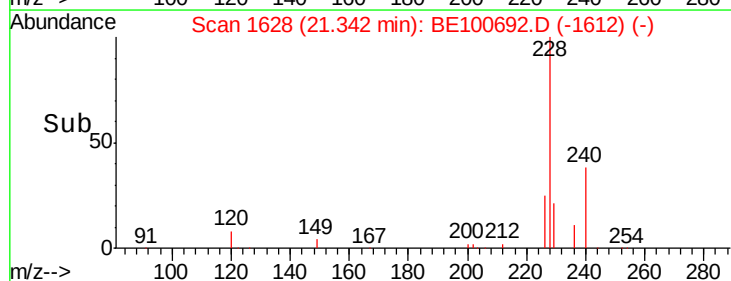
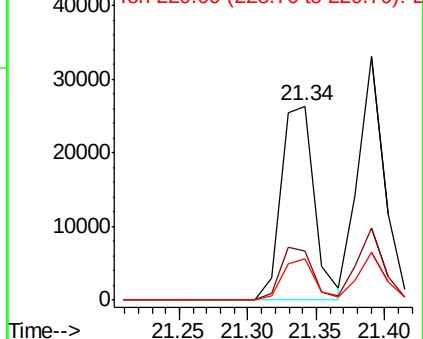
228 100

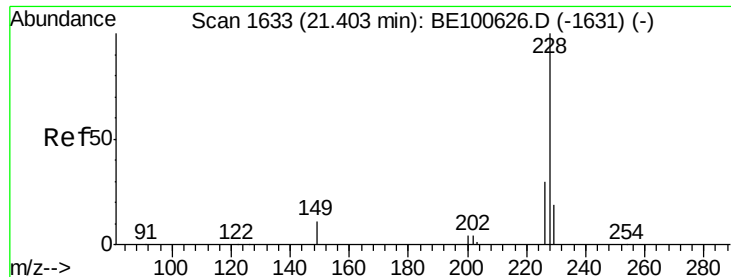
226 25.2 21.4 32.0

229 21.1 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: 0.442 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

ClientSampleId :

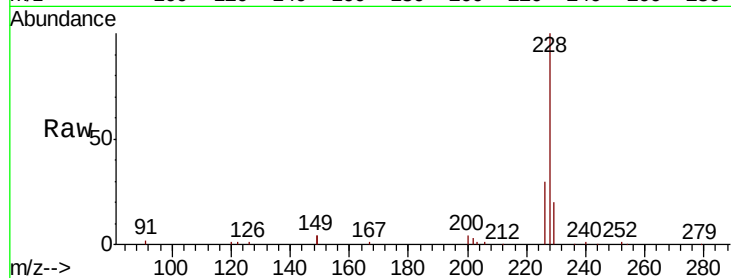
Tot Ion:228 Resp: 43648

Ion Ratio Lower Upper

228 100

226 29.6 24.6 37.0

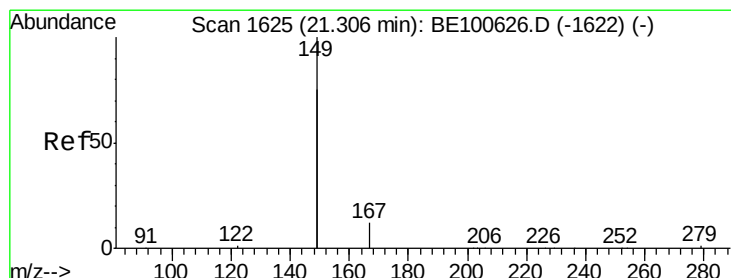
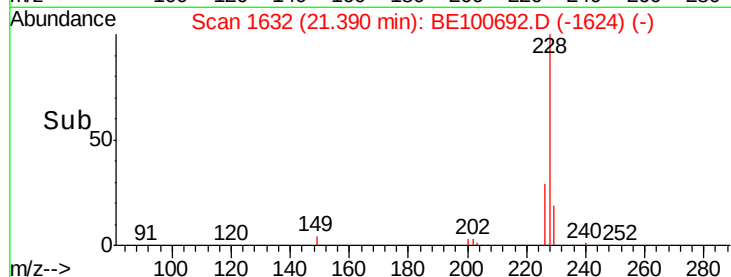
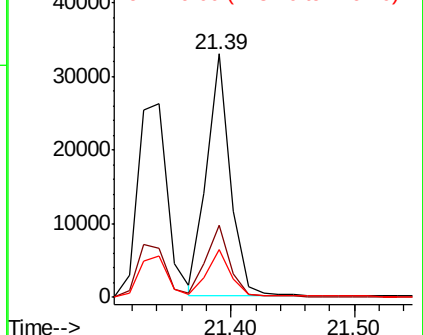
229 19.7 15.8 23.8



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: 0.454 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

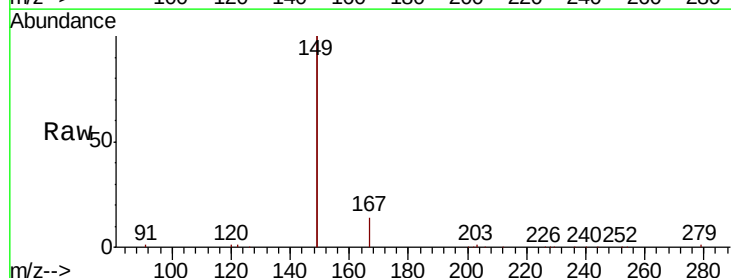
Tgt Ion:149 Resp: 93860

Ion Ratio Lower Upper

149 100

167 6.9 5.5 8.3

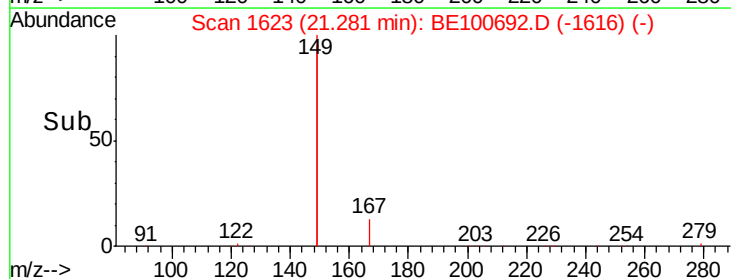
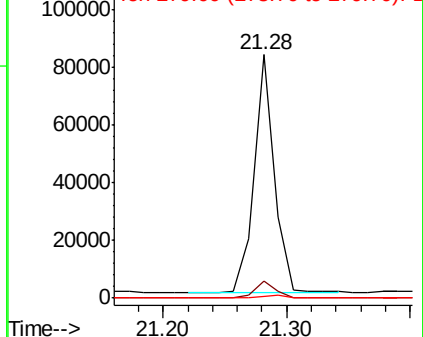
279 1.1 0.9 1.3

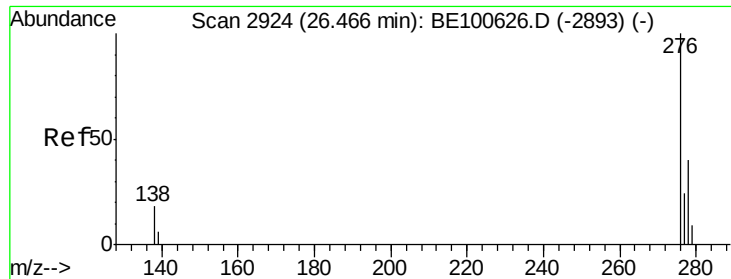


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

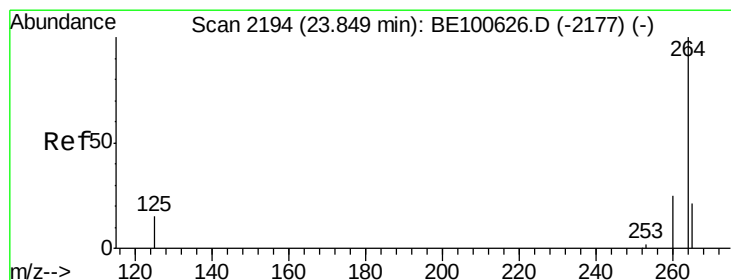
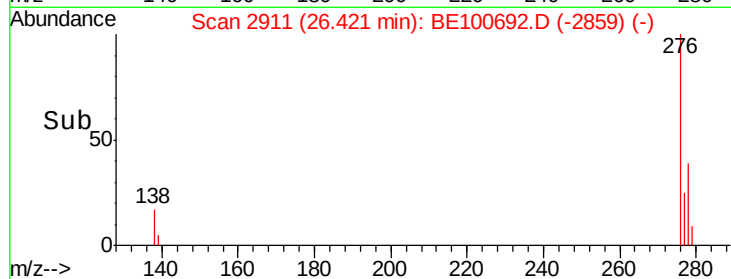
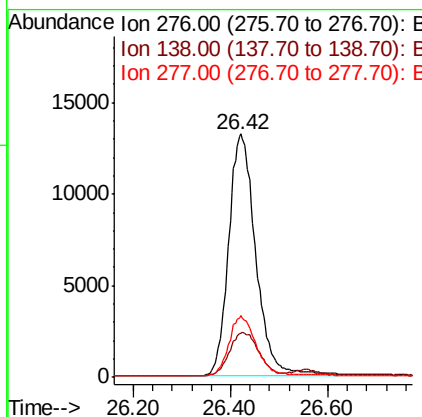
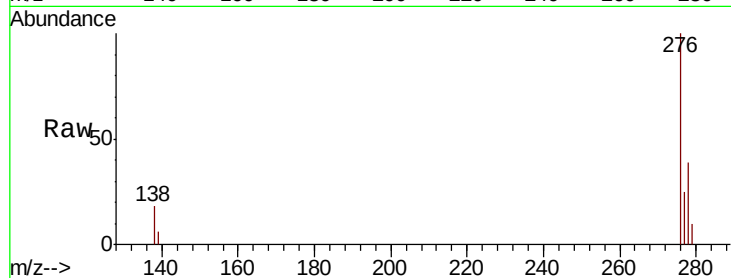




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.423 ng
 RT: 26.42 min Scan# 2911
 Delta R.T. -0.01 min
 Lab File: BE100692.D
 Acq: 29 Oct 2019 2:26

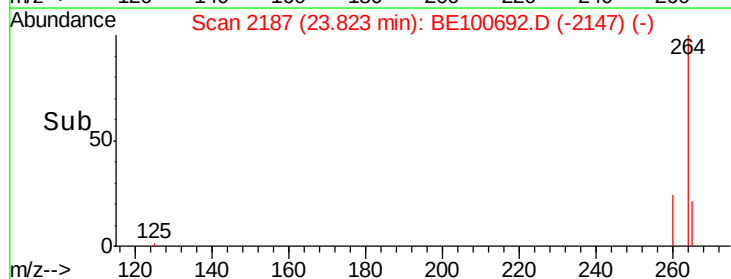
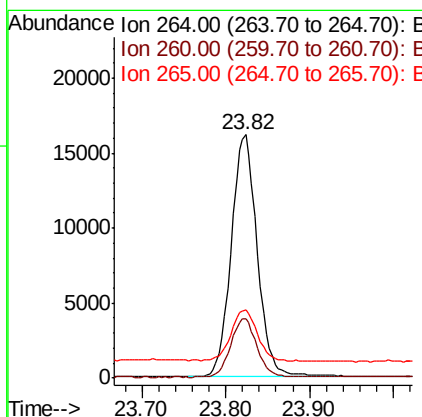
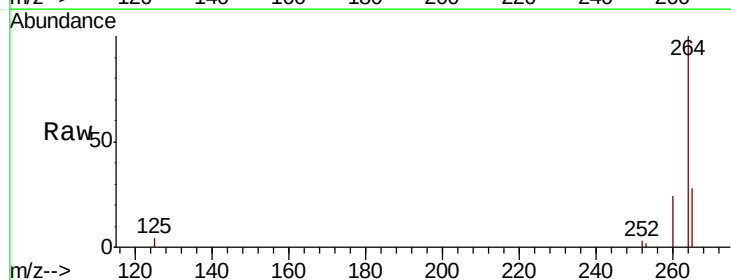
Instrument :
 BNA_E
 ClientSampleId :

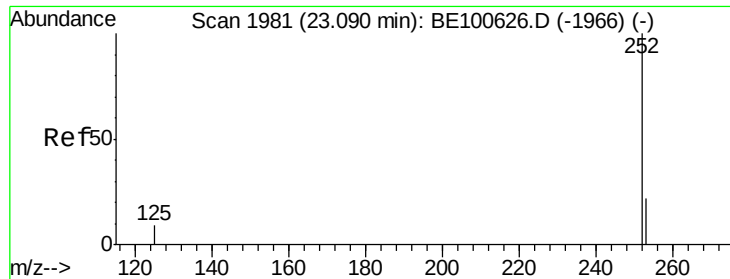
Tot Ion:276 Resp: 51327
 Ion Ratio Lower Upper
 276 100
 138 18.9 15.3 22.9
 277 24.6 19.4 29.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.82 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BE100692.D
 Acq: 29 Oct 2019 2:26

Tgt Ion:264 Resp: 34815
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 28.2 21.7 32.5

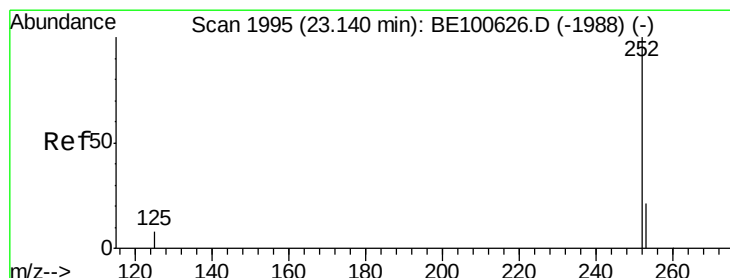
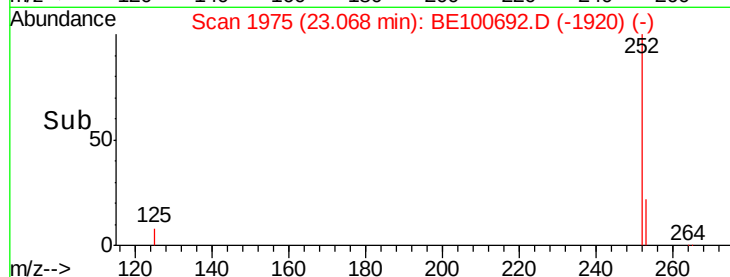
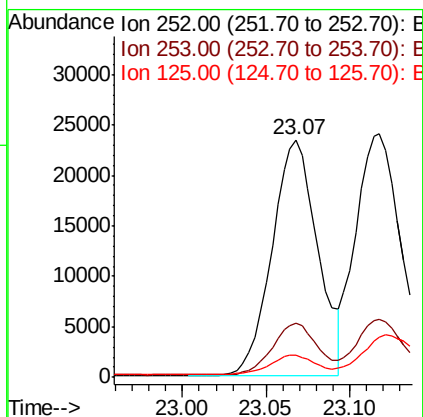
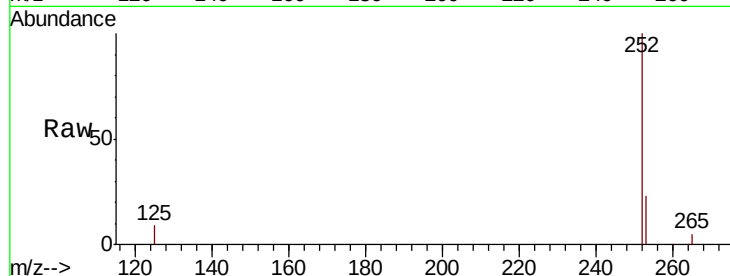




#35
Benzo(b)fluoranthene
Concen: 0.438 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100692.D
Acq: 29 Oct 2019 2:26

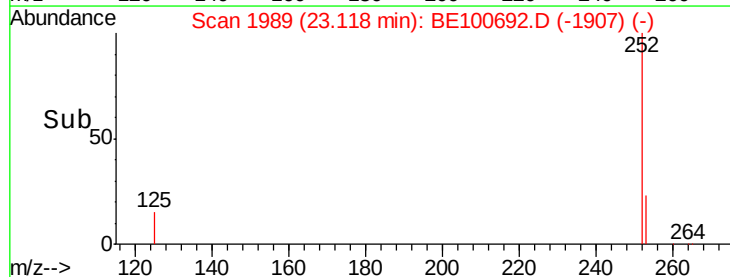
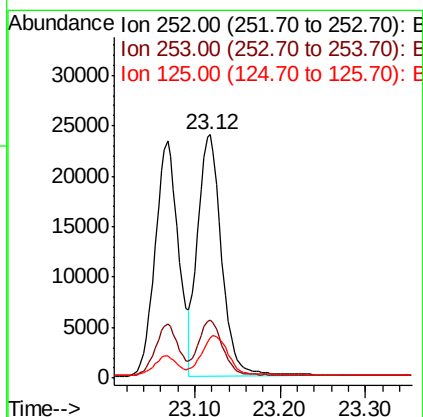
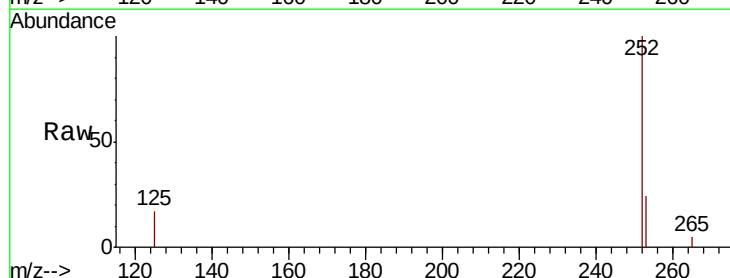
Instrument :
BNA_E
ClientSampleId :

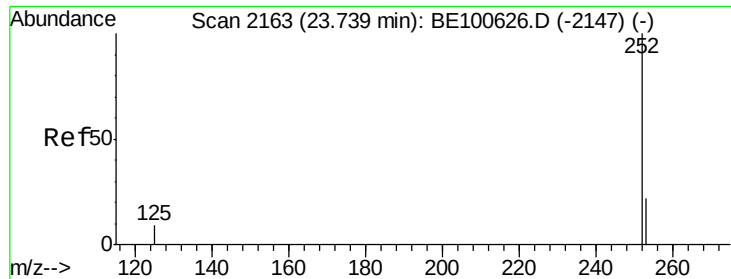
Tot Ion:252 Resp: 44472
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 9.2 7.6 11.4



#36
Benzo(k)fluoranthene
Concen: 0.444 ng
RT: 23.12 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BE100692.D
Acq: 29 Oct 2019 2:26

Tgt Ion:252 Resp: 46310
Ion Ratio Lower Upper
252 100
253 23.8 18.4 27.6
125 16.6 11.6 17.4





#37

Benzo(a)pyrene

Concen: 0.429 ng

RT: 23.71 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

ClientSampled :

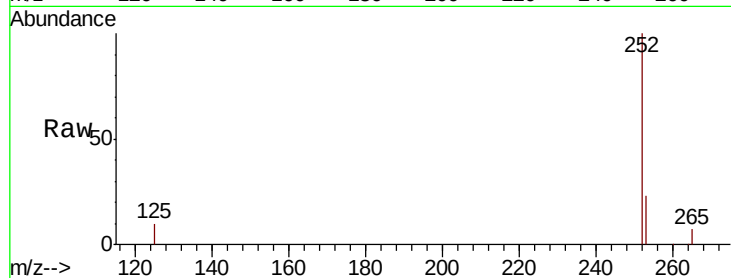
Tot Ion:252 Resp: 40510

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

125 10.5 8.2 12.4

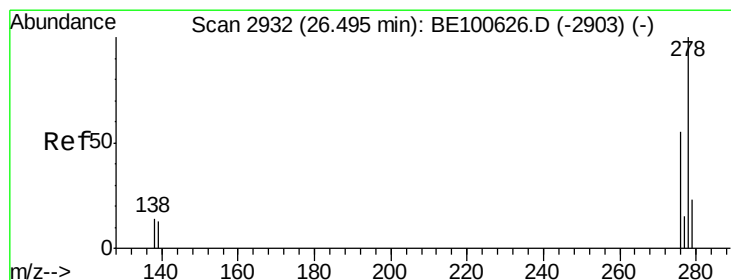
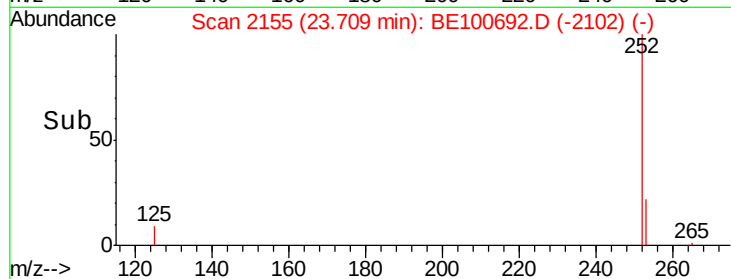
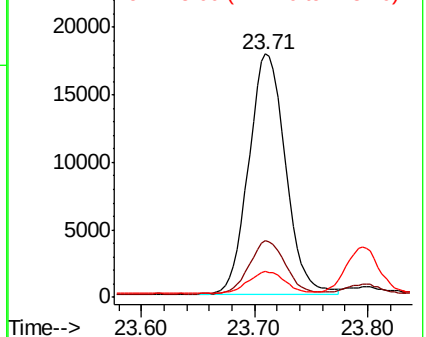


Abundance

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: 0.435 ng

RT: 26.45 min Scan# 2918

Delta R.T. -0.02 min

Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

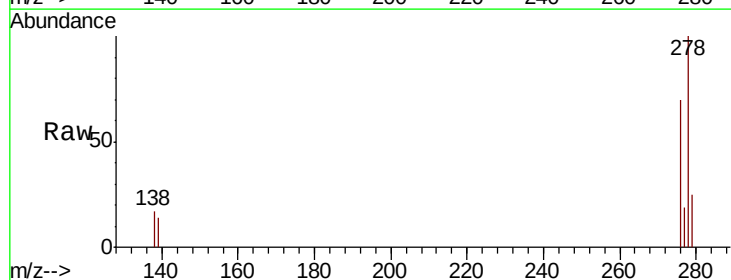
Tgt Ion:278 Resp: 42472

Ion Ratio Lower Upper

278 100

139 13.8 10.9 16.3

279 25.0 19.4 29.2

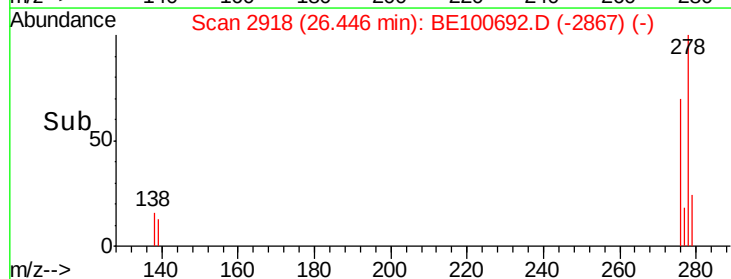
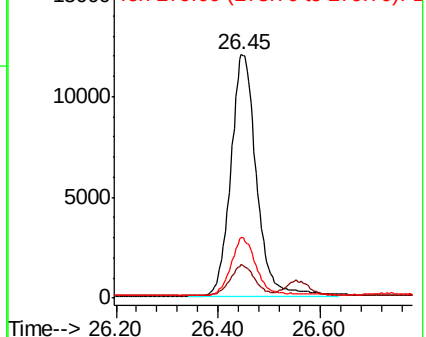


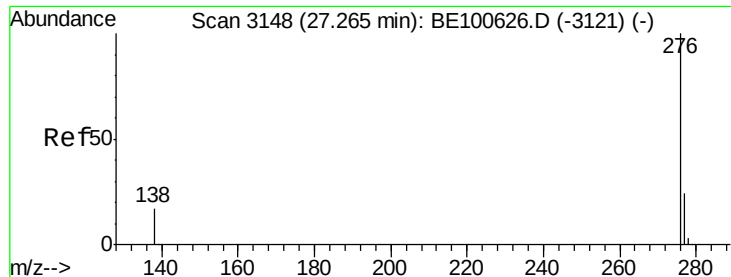
Abundance

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: 0.437 ng

RT: 27.22 min Scan# 3135

Delta R.T. -0.01 min

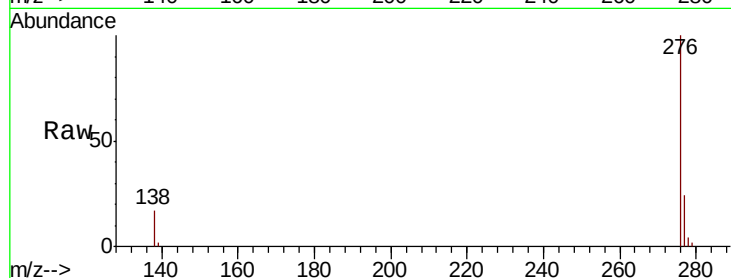
Lab File: BE100692.D

Acq: 29 Oct 2019 2:26

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 42951

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 17.1 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

