

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
 Data File : BE100464.D
 Acq On : 19 Jul 2019 10:35
 Operator : HP/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 19 13:33:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 13:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2448	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	9953	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	5964	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	16822	0.40	ng	0.00
27) Chrysene-d12	21.38	240	23578	0.40	ng	0.00
34) Perylene-d12	23.86	264	26098	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	2471	0.53	ng	0.00
5) Phenol-d6	7.03	99	3387	0.49	ng	0.00
8) Nitrobenzene-d5	9.02	82	2963	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	6160	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	911	0.68	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	9699	0.36	ng	0.00
25) Fluoranthene-d10	19.24	212	90563	0.45	ng	0.00
29) Terphenyl-d14	19.84	244	19757	0.34	ng	0.00

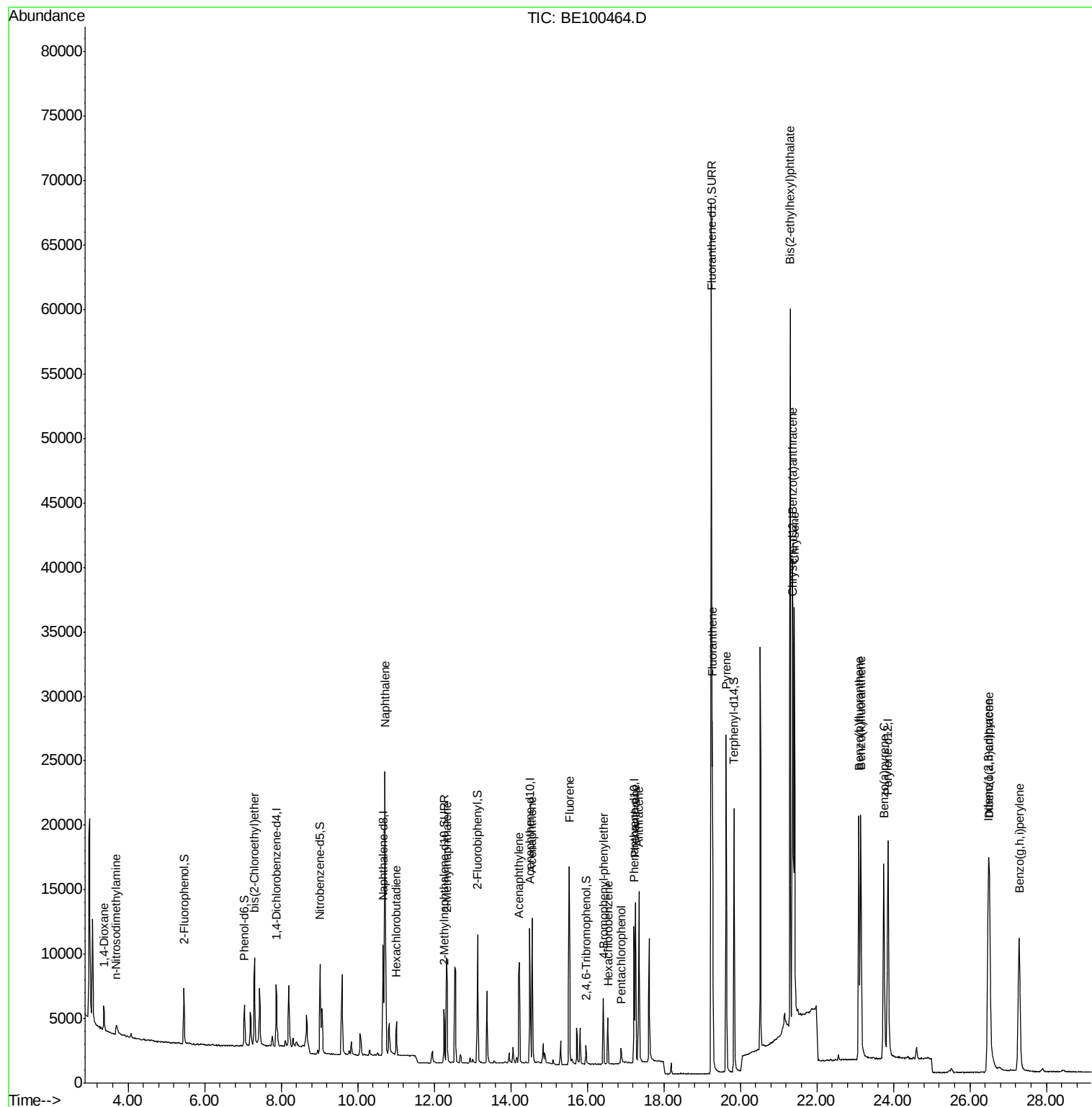
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	1688	0.466	ng	100
3) n-Nitrosodimethylamine	3.69	42	849	0.400	ng	# 100
6) bis(2-Chloroethyl)ether	7.30	93	2959	0.425	ng	100
9) Naphthalene	10.72	128	37423	0.386	ng	100
10) Hexachlorobutadiene	11.02	225	1823	0.388	ng	100
12) 2-Methylnaphthalene	12.32	142	6428	0.397	ng	100
16) Acenaphthylene	14.23	152	10601	0.439	ng	100
17) Acenaphthene	14.56	154	6542	0.395	ng	100
18) Fluorene	15.53	166	8640	0.404	ng	100
20) 4-Bromophenyl-phenylether	16.43	248	2970	0.338	ng	100
21) Hexachlorobenzene	16.55	284	3101	0.302	ng	100
22) Pentachlorophenol	16.88	266	1019	0.569	ng	100
23) Phenanthrene	17.26	178	15553	0.347	ng	100
24) Anthracene	17.35	178	14420	0.390	ng	100
26) Fluoranthene	19.27	202	23767	0.417	ng	100
28) Pyrene	19.63	202	25272	0.366	ng	100
30) Benzo(a)anthracene	21.37	228	27645	0.432	ng	100
31) Chrysene	21.41	228	28361	0.373	ng	100
32) Bis(2-ethylhexyl)phthalate	21.31	149	62571	1.363	ng	100
33) Indeno(1,2,3-cd)pyrene	26.48	276	31492	0.466	ng	100
35) Benzo(b)fluoranthene	23.10	252	27708	0.347	ng	100
36) Benzo(k)fluoranthene	23.15	252	30038	0.356	ng	100
37) Benzo(a)pyrene	23.75	252	26930	0.411	ng	100
38) Dibenzo(a,h)anthracene	26.51	278	25504	0.365	ng	100
39) Benzo(g,h,i)perylene	27.29	276	26376	0.361	ng	100

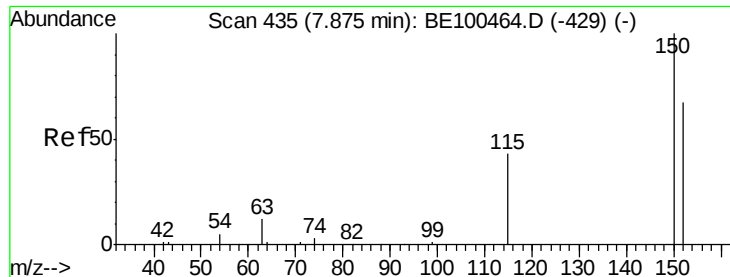
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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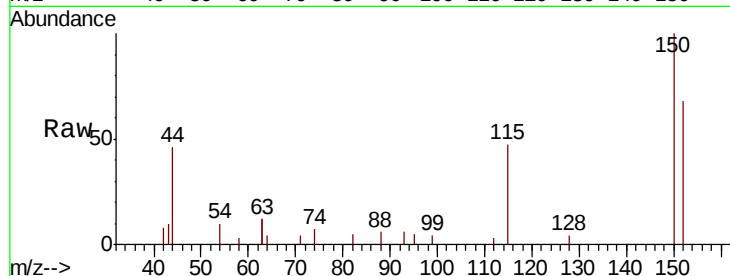


#1

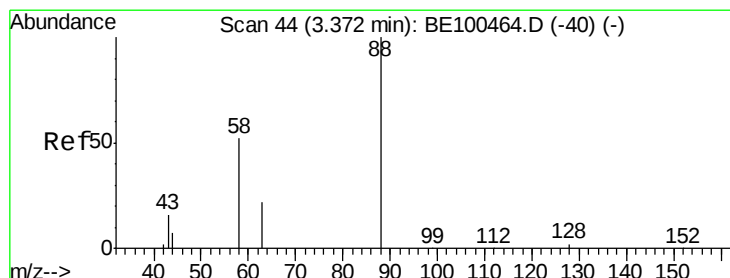
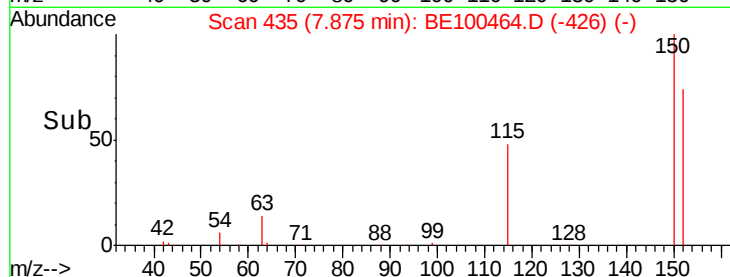
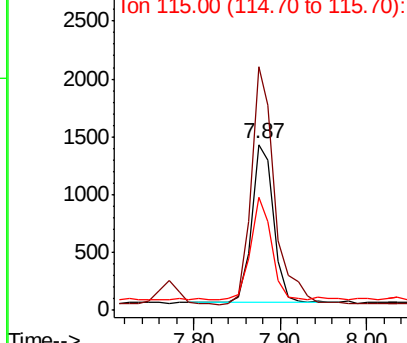
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100464.D
Acq: 19 Jul 2019 10:35

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2448
Ion Ratio Lower Upper
152 100
150 147.0 117.6 176.4
115 68.6 54.9 82.3



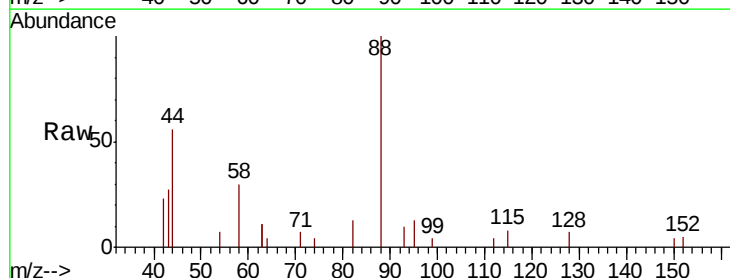
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



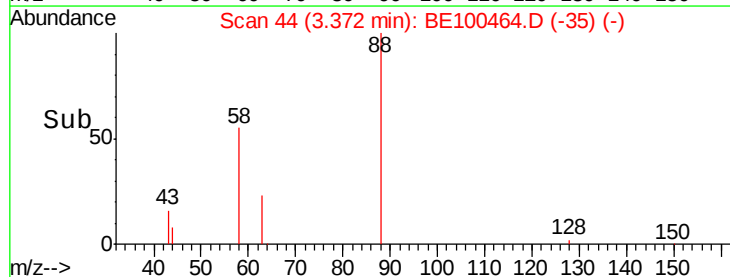
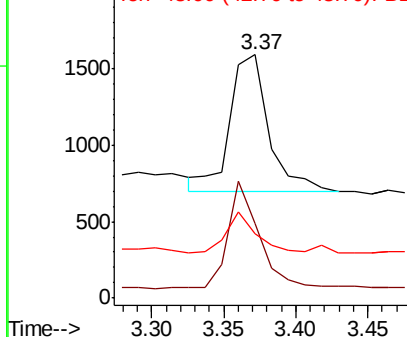
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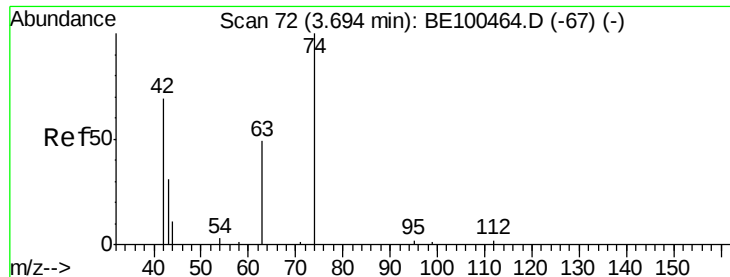
1,4-Dioxane
Concen: 0.466 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE100464.D
Acq: 19 Jul 2019 10:35

Tgt Ion: 88 Resp: 1688
Ion Ratio Lower Upper
88 100
58 62.8 50.2 75.4
43 23.9 19.1 28.7



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



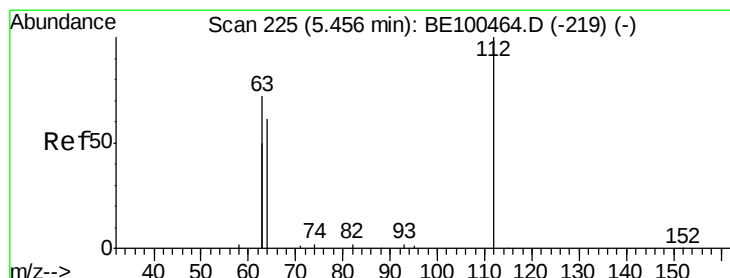
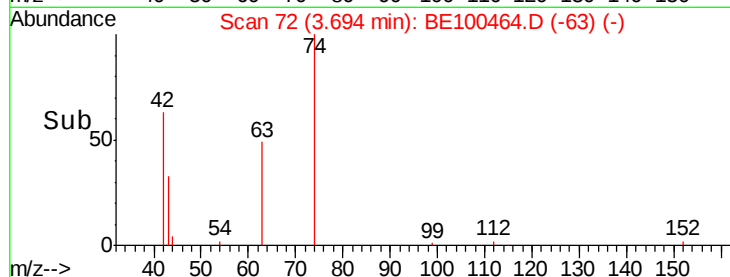
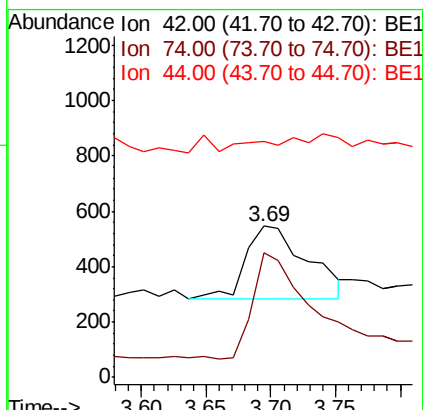
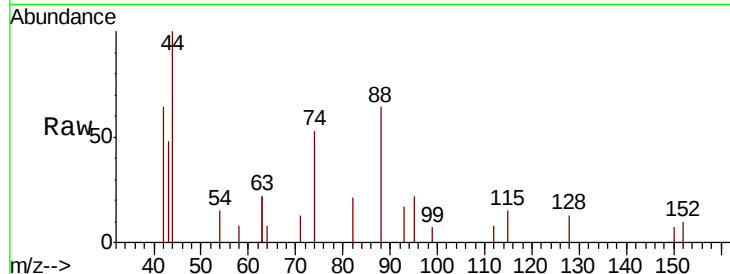


#3

n-Nitrosodimethylamine
 Concen: 0.400 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE100464.D
 Acq: 19 Jul 2019 10:35

Instrument :
 BNA_E
 ClientSampled :

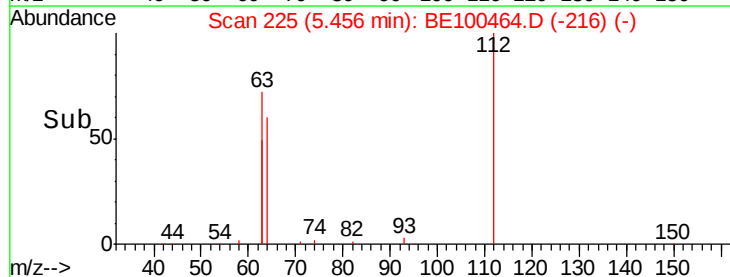
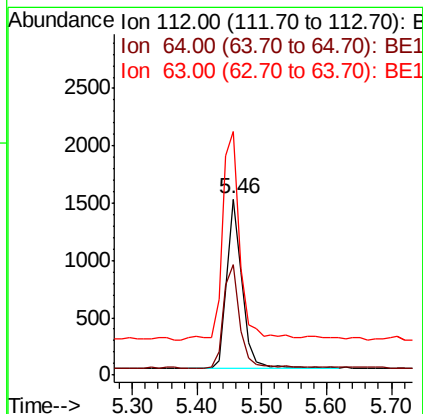
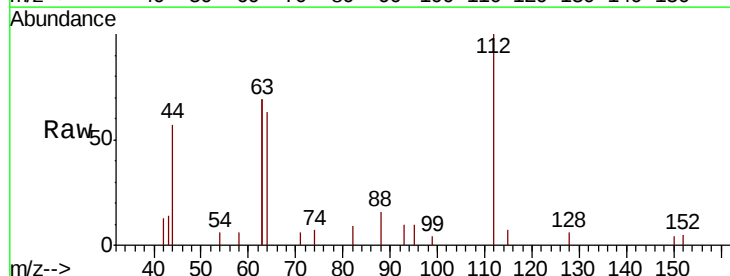
Tot Ion	Ratio	Lower	Upper
42	100		
74	132.3	105.8	158.8
44	0.0	0.0	0.0

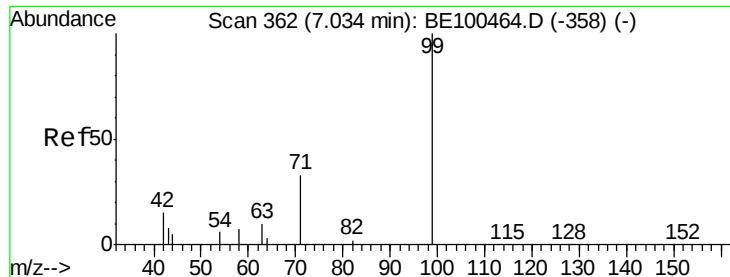


#4

2-Fluorophenol
 Concen: 0.531 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE100464.D
 Acq: 19 Jul 2019 10:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	51.9	77.9
63	136.3	103.9	155.9





#5

Phenol-d6

Concen: 0.492 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

Instrument :

BNA_E

ClientSampleId :

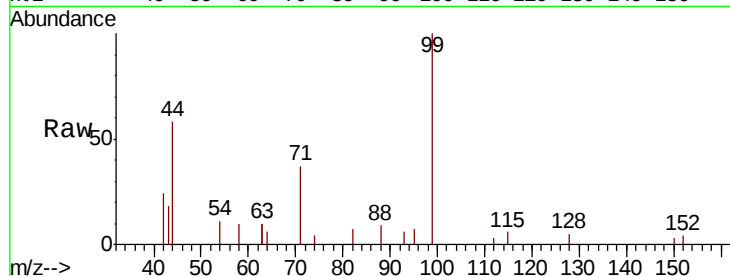
Tot Ion: 99 Resp: 3387

Ion Ratio Lower Upper

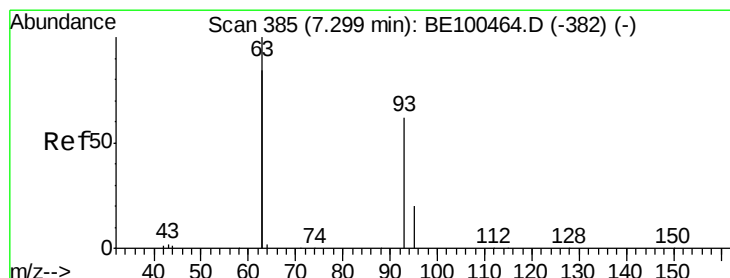
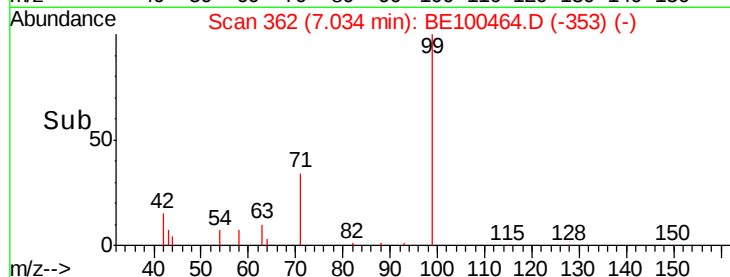
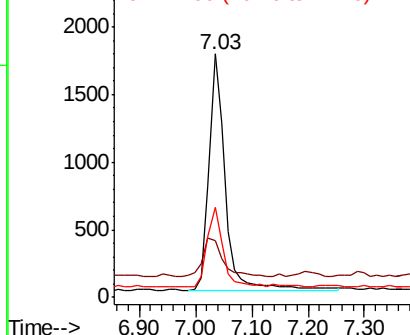
99 100

42 20.3 16.2 24.4

71 32.5 26.0 39.0



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: 0.425 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

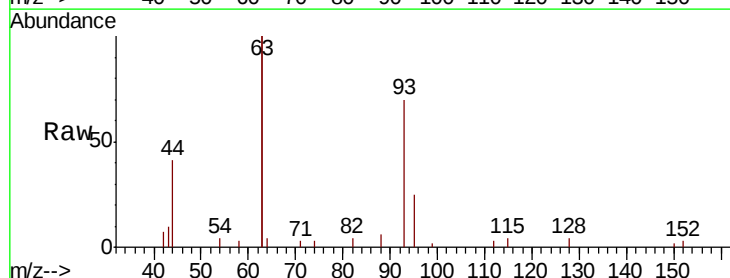
Tgt Ion: 93 Resp: 2959

Ion Ratio Lower Upper

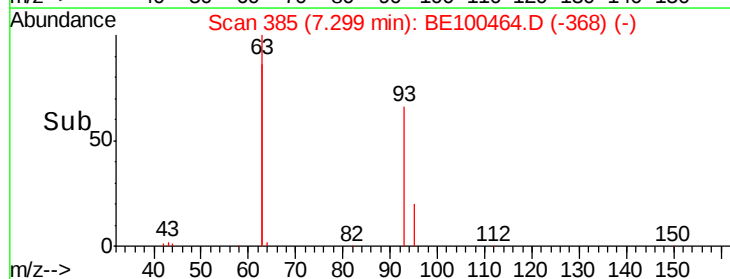
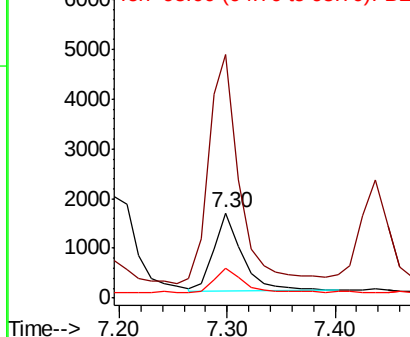
93 100

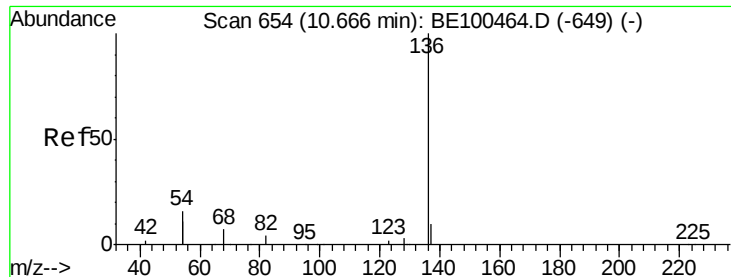
63 310.5 248.4 372.6

95 30.9 24.7 37.1



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: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 9953

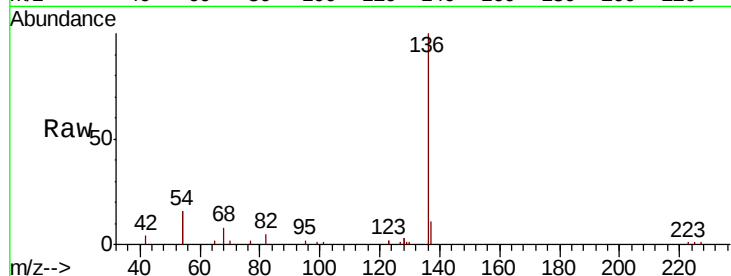
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 32.7 26.2 39.2

68 8.1 6.5 9.7

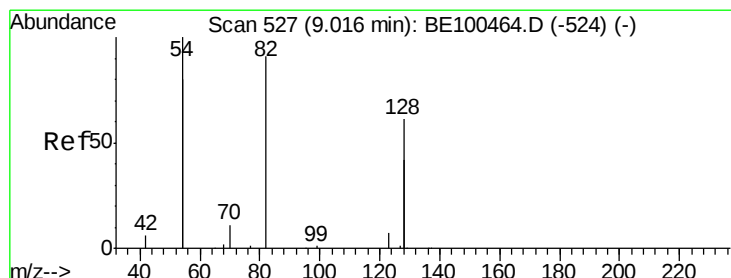
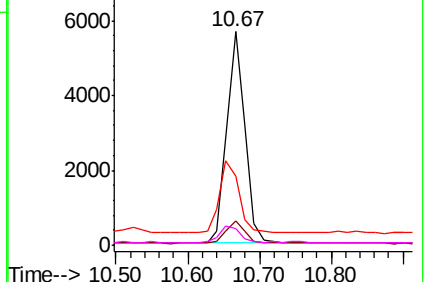
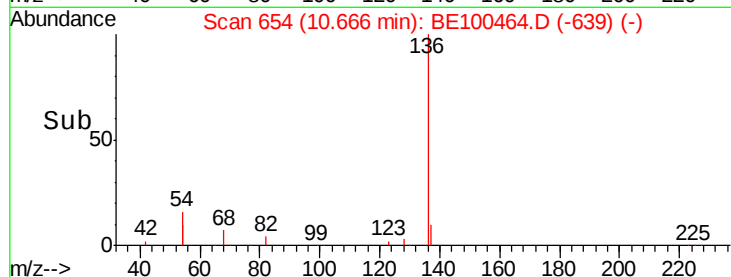


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.539 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

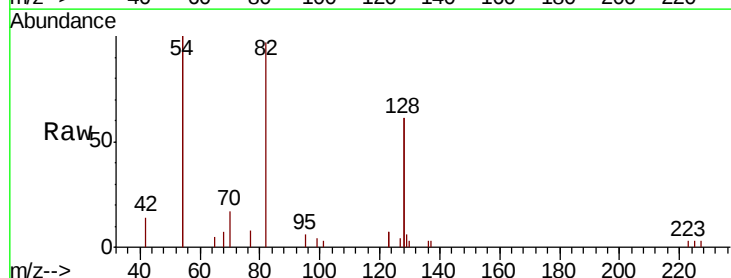
Tgt Ion: 82 Resp: 2963

Ion Ratio Lower Upper

82 100

128 125.9 100.7 151.1

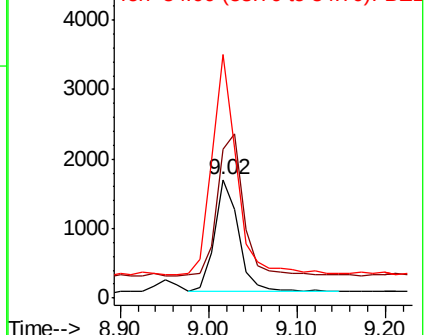
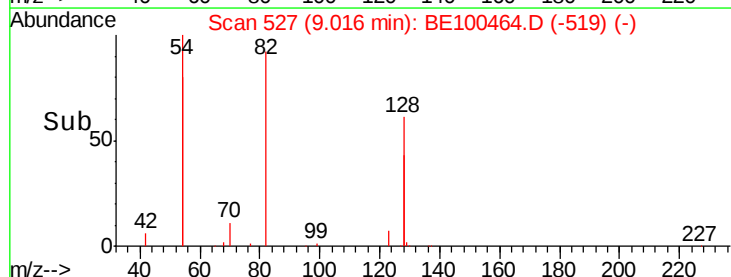
54 205.5 164.4 246.6

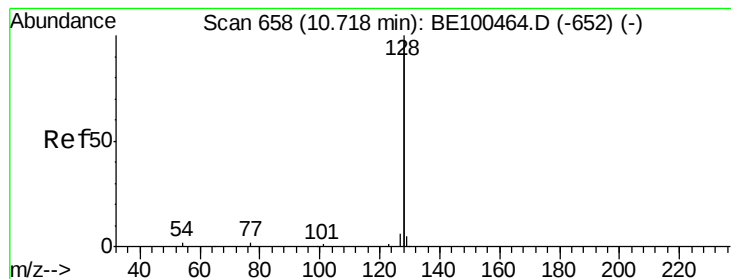


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.386 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

Instrument :

BNA_E

ClientSampled :

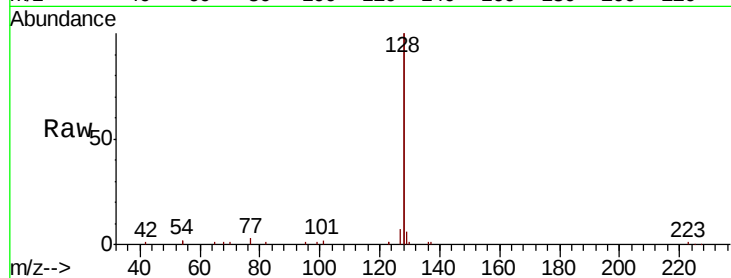
Tot Ion:128 Resp: 37423

Ion Ratio Lower Upper

128 100

129 3.0 2.4 3.6

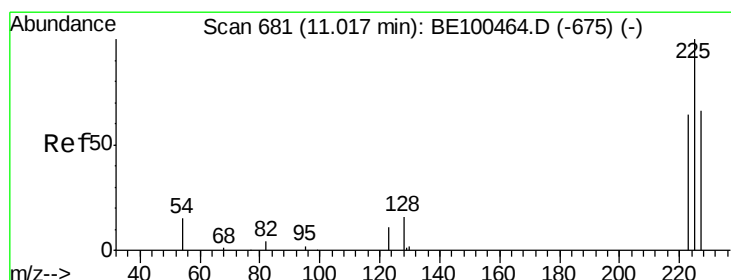
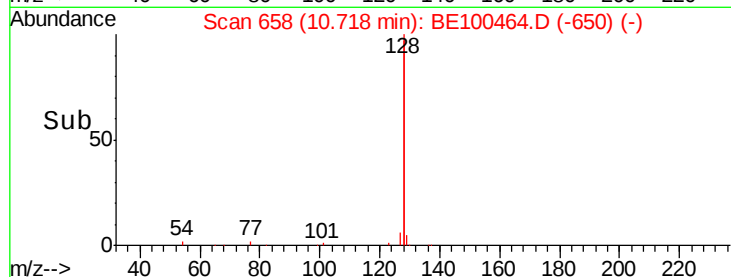
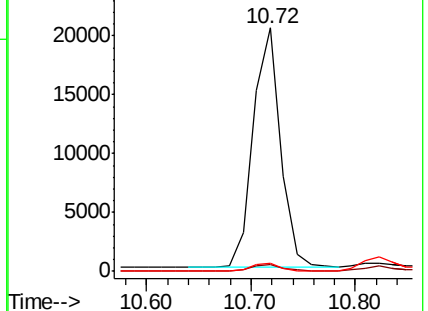
127 3.3 2.6 4.0



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: 0.388 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

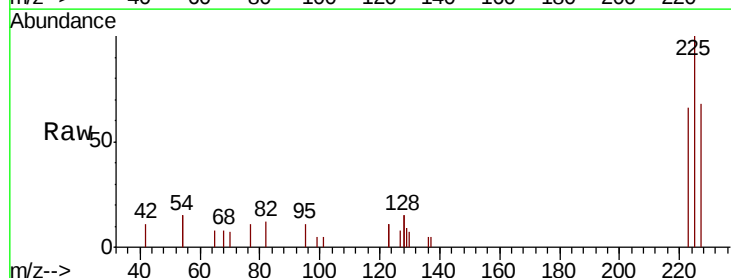
Tgt Ion:225 Resp: 1823

Ion Ratio Lower Upper

225 100

223 64.6 51.7 77.5

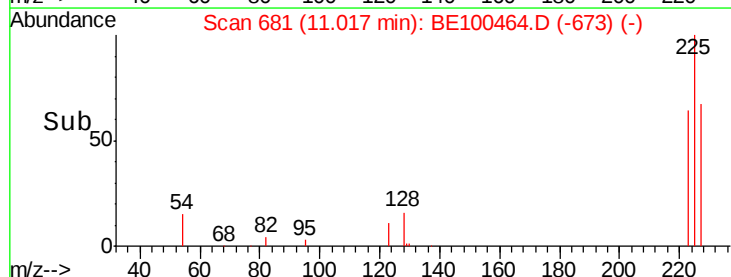
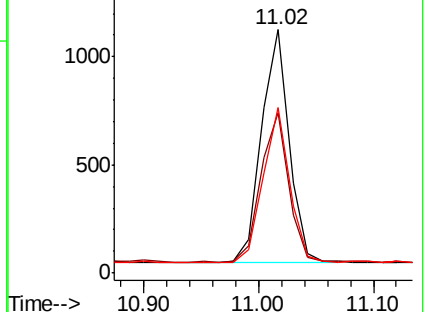
227 63.6 50.9 76.3

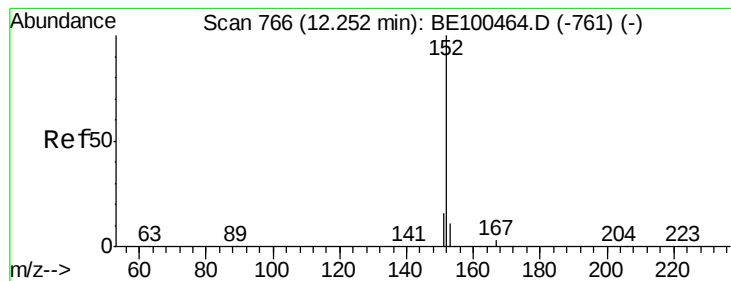


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

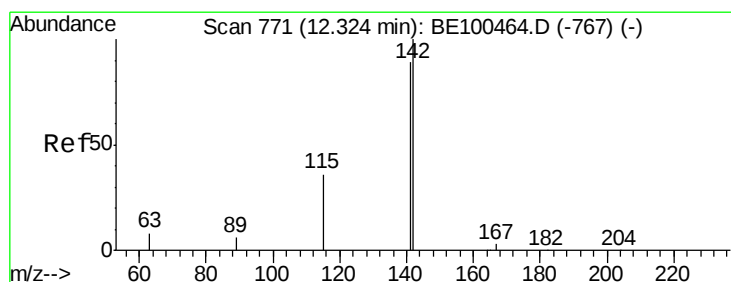
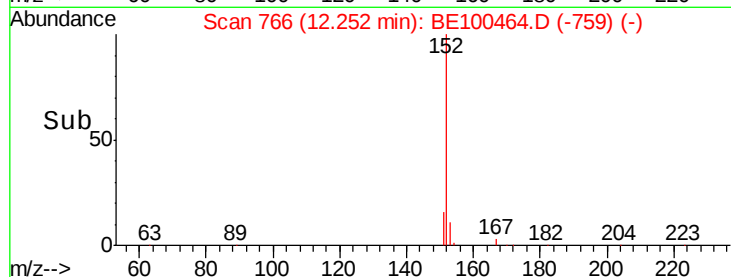
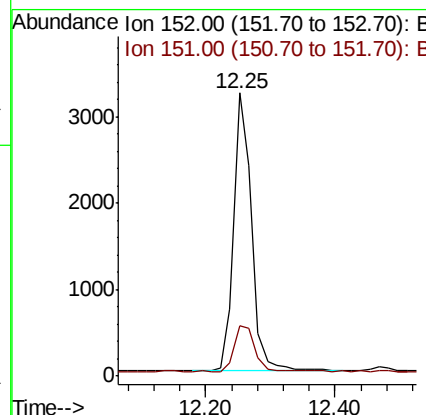
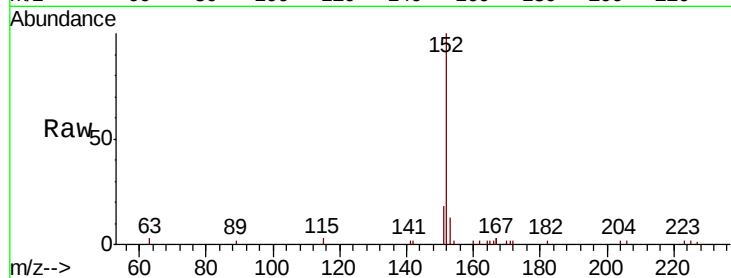




#11
 2-Methylnaphthalene-d10
 Concen: 0.409 ng
 RT: 12.25 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BE100464.D
 Acq: 19 Jul 2019 10:35

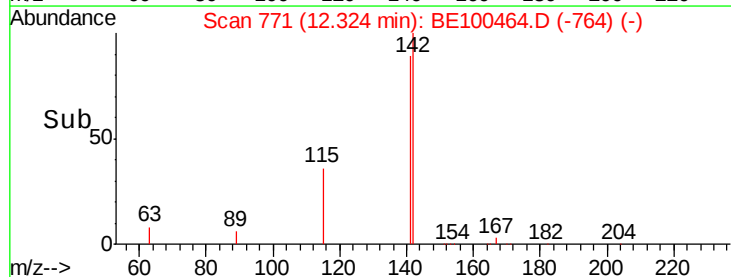
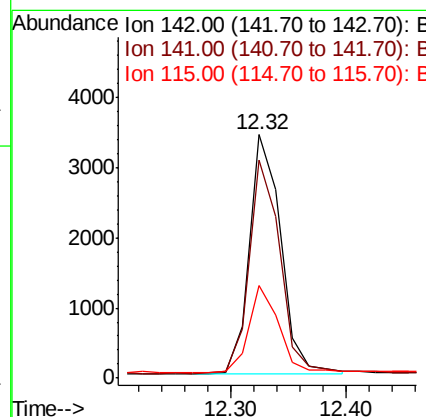
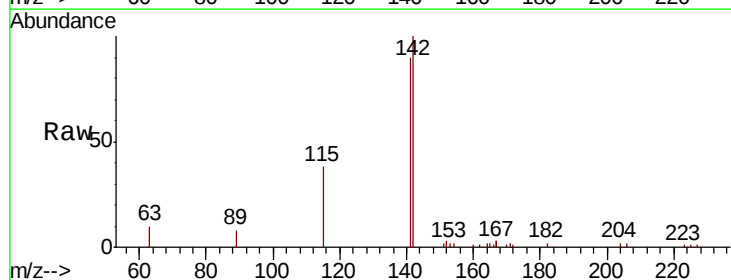
Instrument :
 BNA_E
 ClientSampleId :

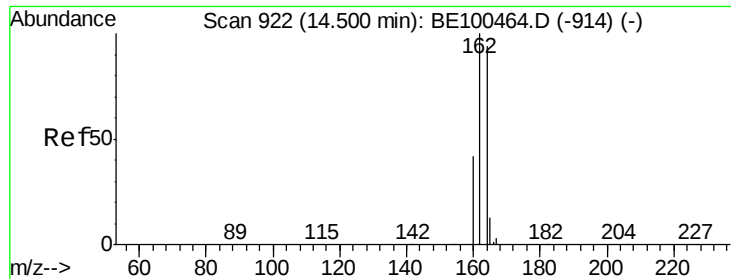
Tot Ion:152 Resp: 6160
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.8 23.6



#12
 2-Methylnaphthalene
 Concen: 0.397 ng
 RT: 12.32 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BE100464.D
 Acq: 19 Jul 2019 10:35

Tgt Ion:142 Resp: 6428
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.7 107.5
 115 38.0 30.4 45.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.50 min Scan# 922

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

Instrument :

BNA_E

ClientSampleId :

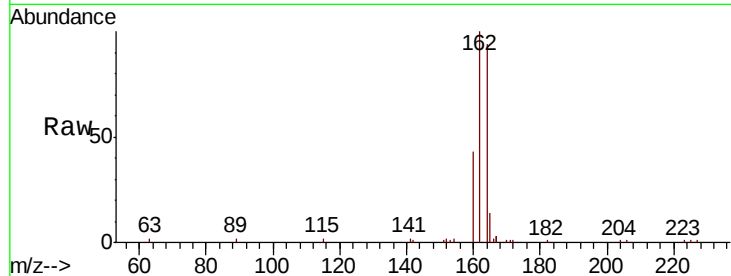
Tot Ion:164 Resp: 5964

Ion Ratio Lower Upper

164 100

162 106.3 85.0 127.6

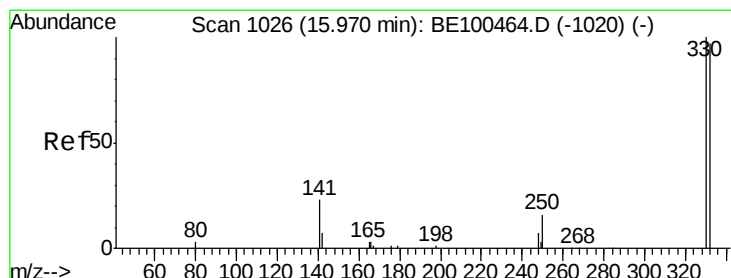
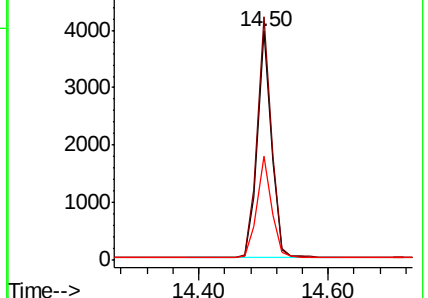
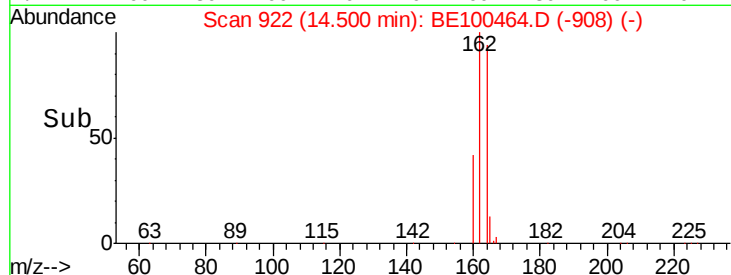
160 45.2 36.2 54.2



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: 0.676 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

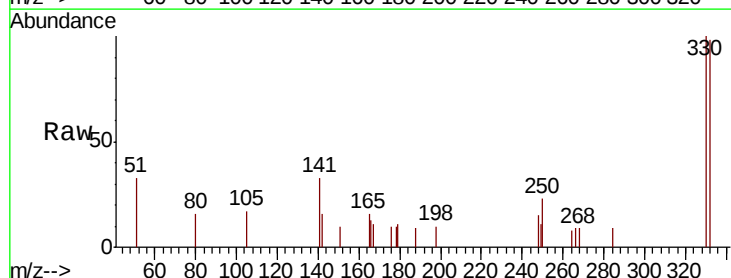
Tgt Ion:330 Resp: 911

Ion Ratio Lower Upper

330 100

332 96.8 76.3 114.5

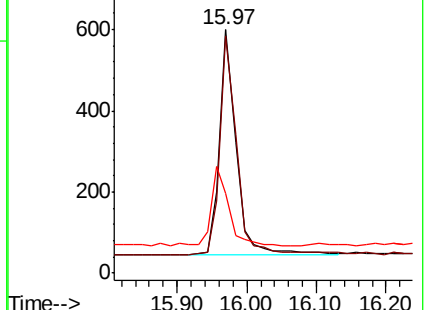
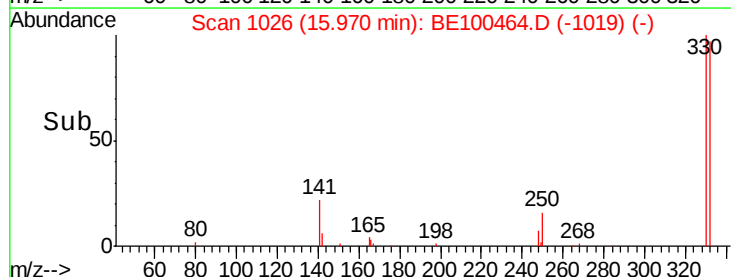
141 37.3 29.4 44.2

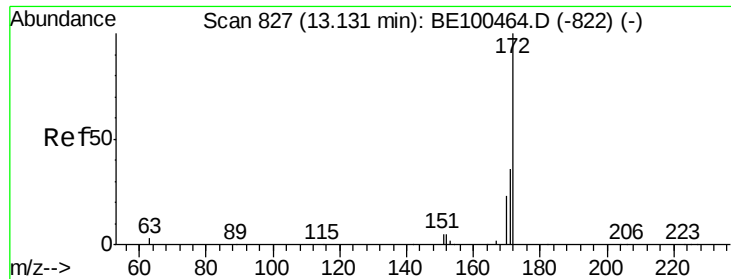


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

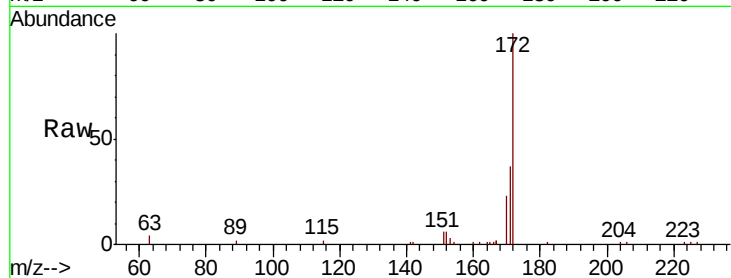




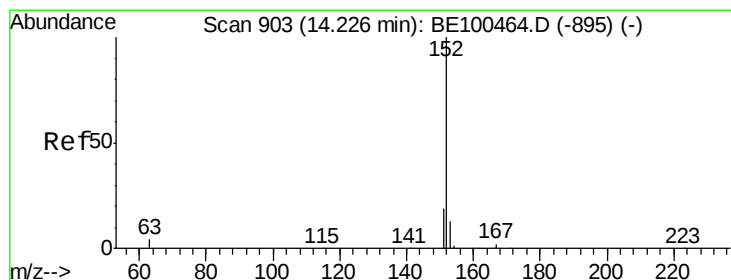
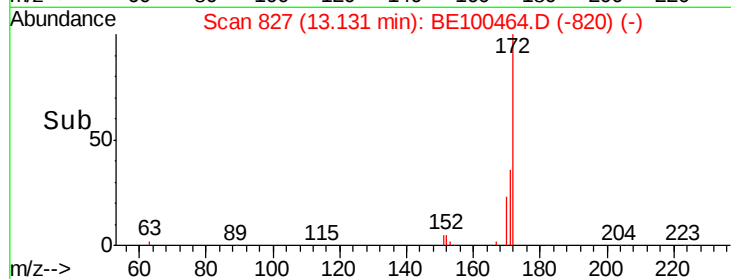
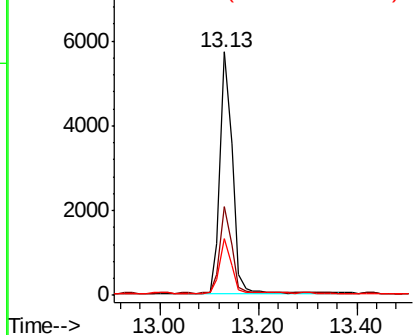
#15
2-Fluorobiphenyl
Concen: 0.363 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE100464.D
Acq: 19 Jul 2019 10:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 9699
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 23.5 18.8 28.2

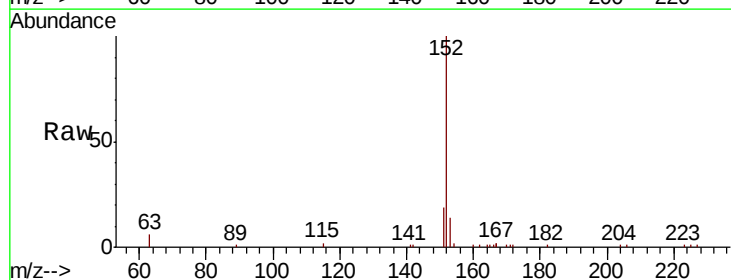


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

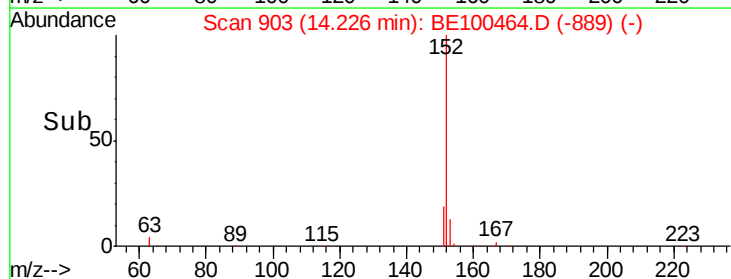
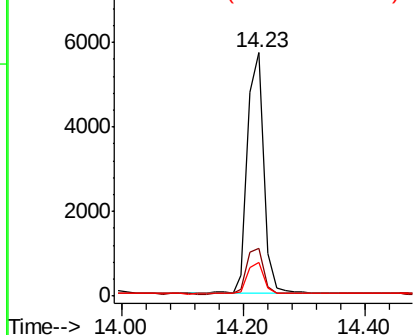


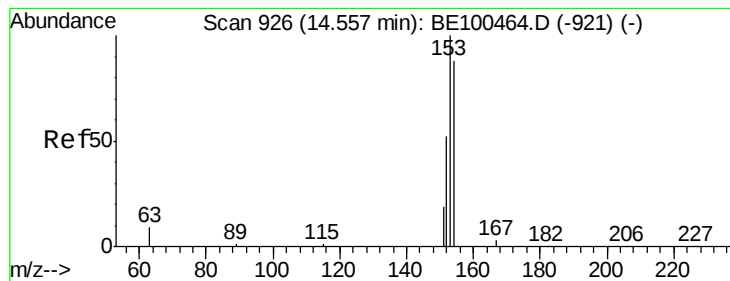
#16
Acenaphthylene
Concen: 0.439 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE100464.D
Acq: 19 Jul 2019 10:35

Tgt Ion:152 Resp: 10601
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.3 10.6 15.8



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: 0.395 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

Instrument :

BNA_E

ClientSampled :

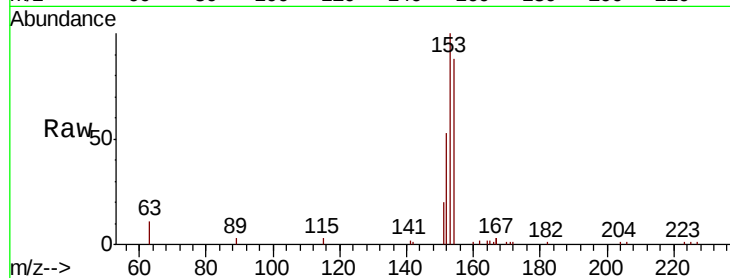
Tot Ion:154 Resp: 6542

Ion Ratio Lower Upper

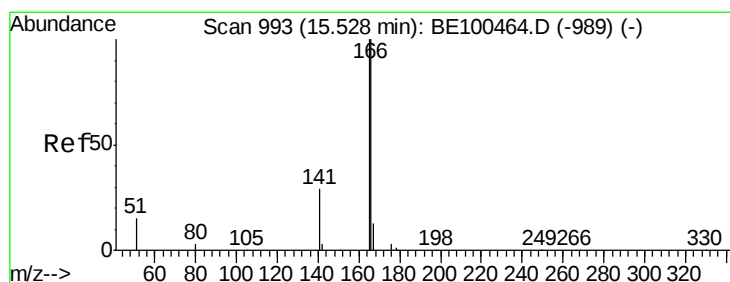
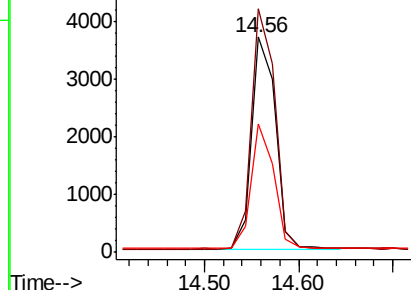
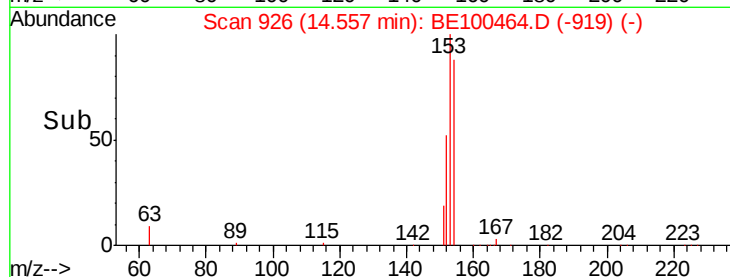
154 100

153 111.8 89.4 134.2

152 55.5 44.4 66.6



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: 0.404 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

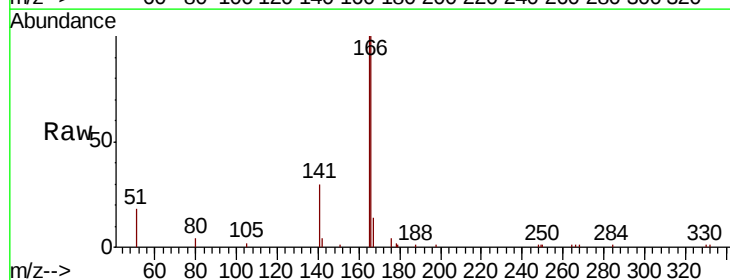
Tgt Ion:166 Resp: 8640

Ion Ratio Lower Upper

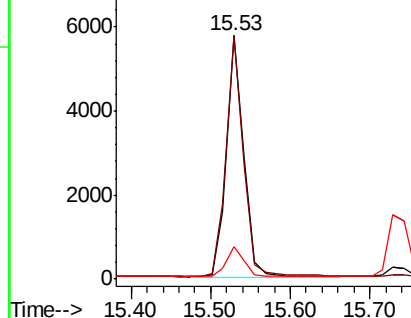
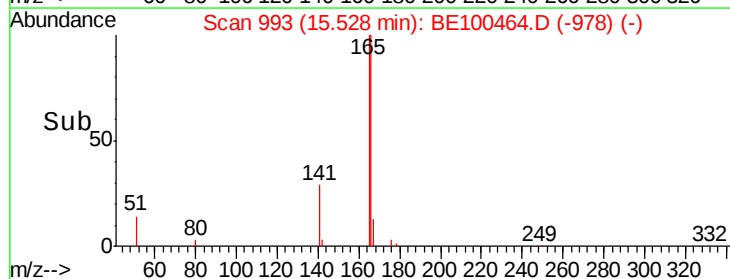
166 100

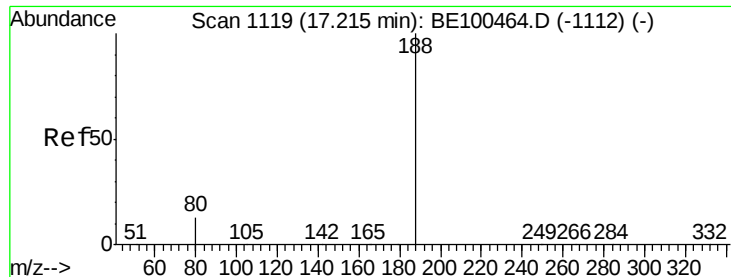
165 99.8 79.8 119.8

167 13.0 10.4 15.6



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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

Instrument :

BNA_E

ClientSampleId :

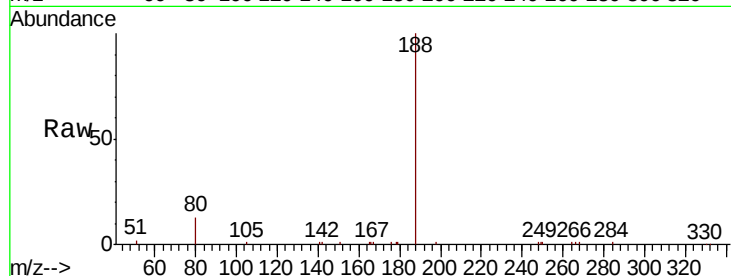
Tot Ion:188 Resp: 16822

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

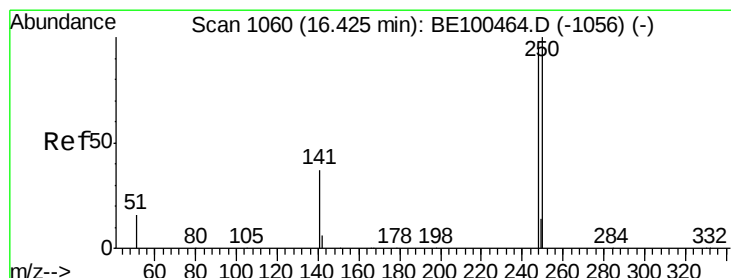
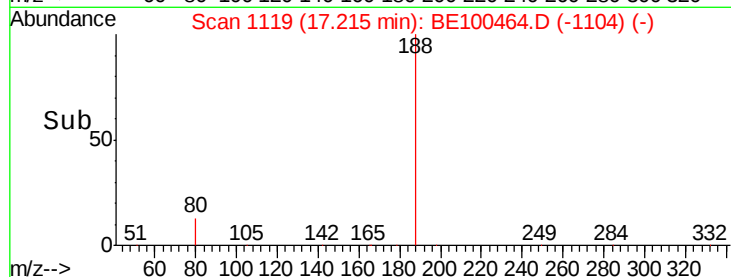
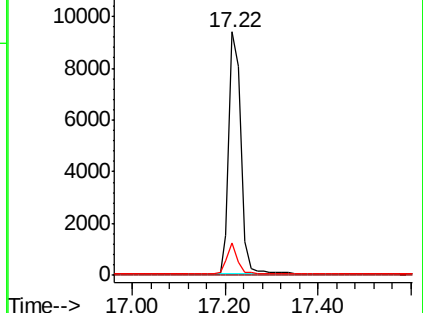
80 13.4 10.7 16.1



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: 0.338 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

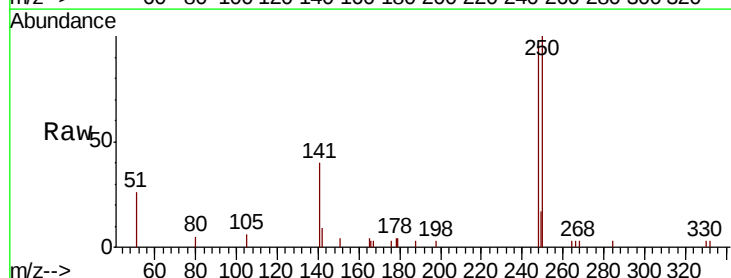
Tgt Ion:248 Resp: 2970

Ion Ratio Lower Upper

248 100

250 104.9 83.9 125.9

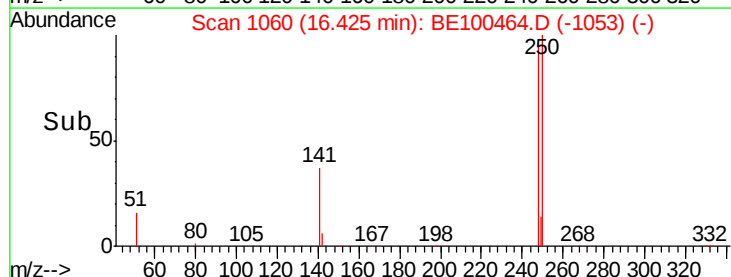
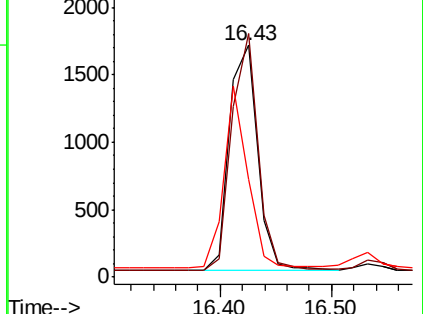
141 42.1 33.7 50.5

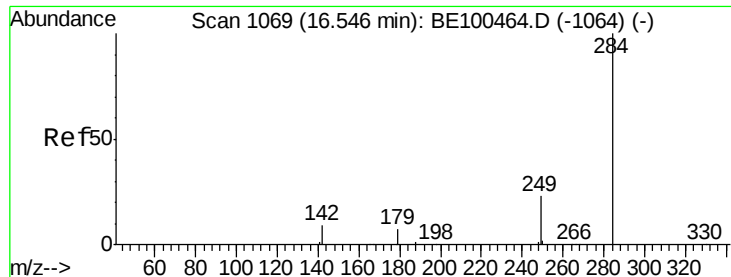


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.302 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

Instrument :

BNA_E

ClientSampled :

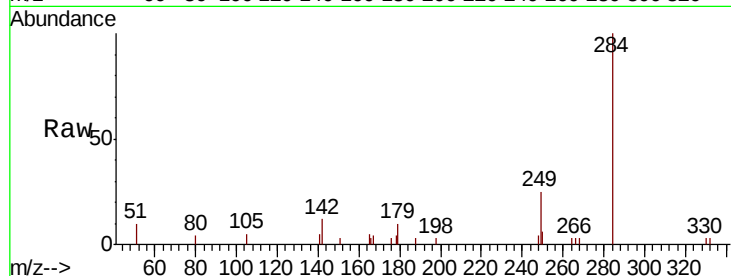
Tot Ion:284 Resp: 3101

Ion Ratio Lower Upper

284 100

142 34.4 27.4 41.2

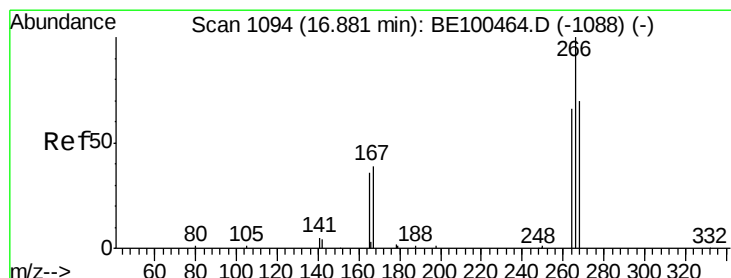
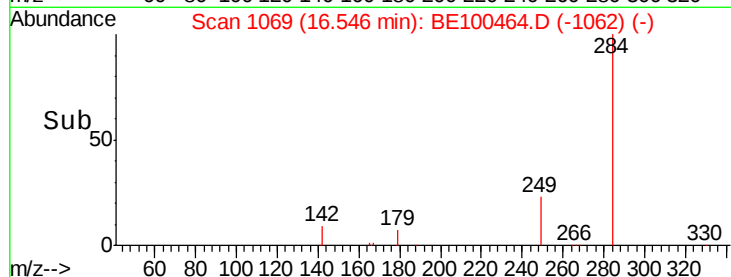
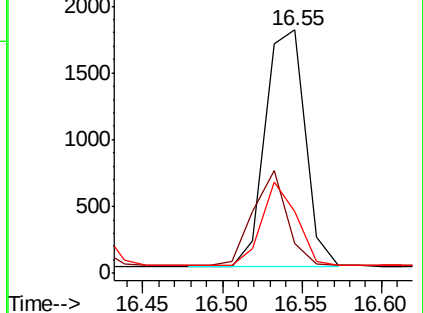
249 31.4 25.1 37.7



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: 0.569 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

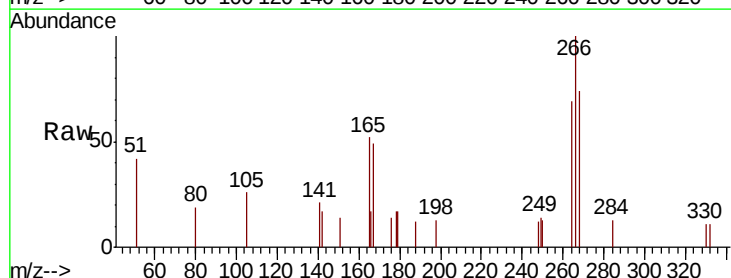
Tgt Ion:266 Resp: 1019

Ion Ratio Lower Upper

266 100

264 69.4 55.5 83.3

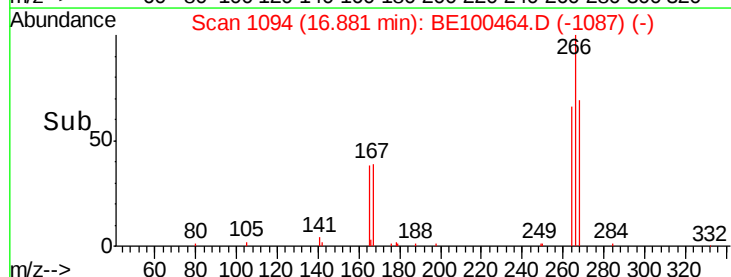
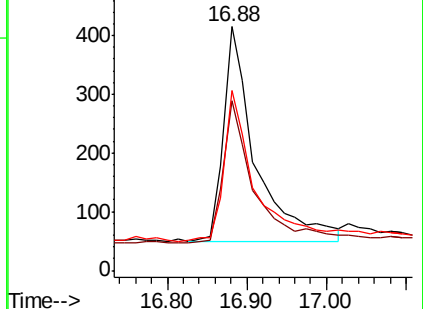
268 74.0 59.2 88.8

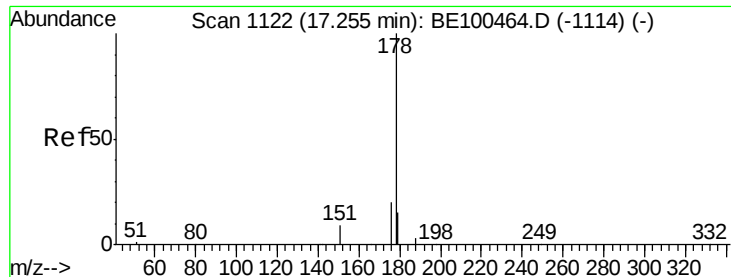


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.347 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

Instrument :

BNA_E

ClientSampleId :

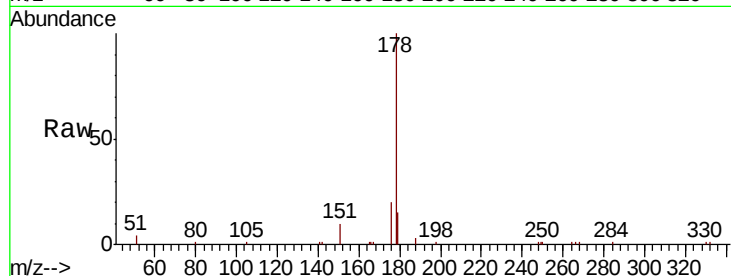
Tot Ion:178 Resp: 15553

Ion Ratio Lower Upper

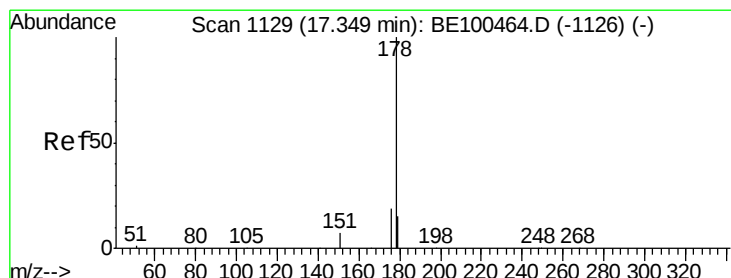
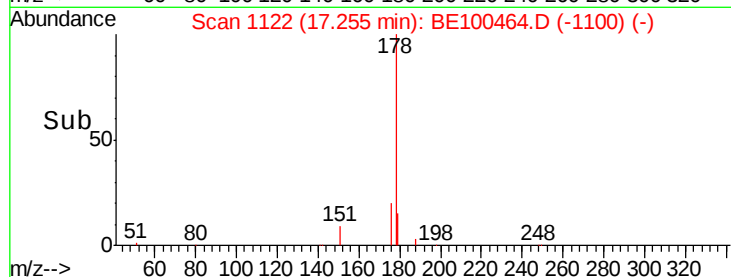
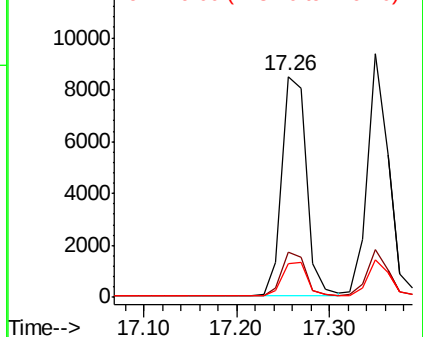
178 100

176 19.4 15.5 23.3

179 15.6 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



#24

Anthracene

Concen: 0.390 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

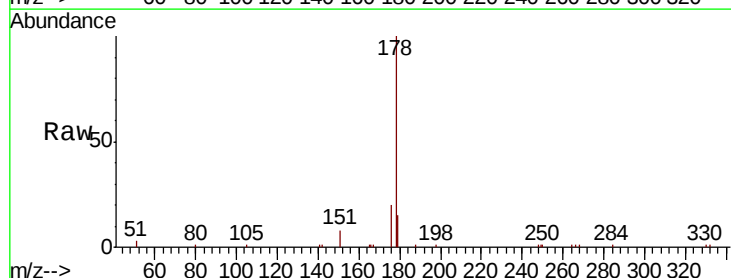
Tgt Ion:178 Resp: 14420

Ion Ratio Lower Upper

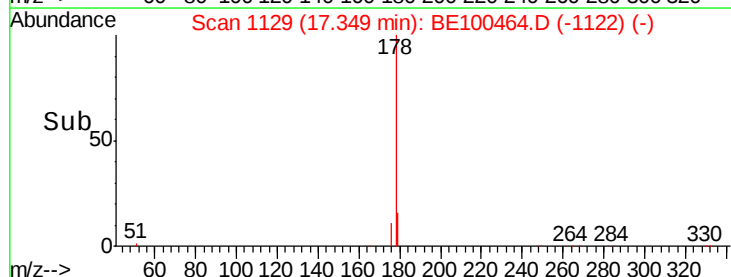
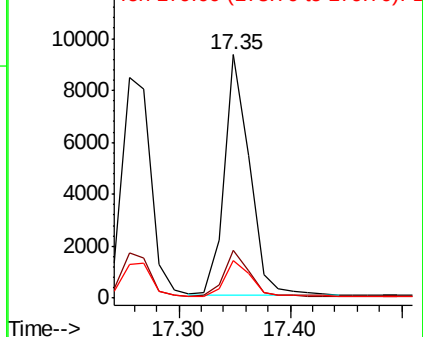
178 100

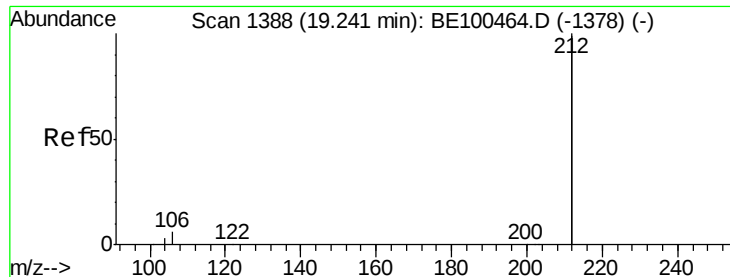
176 18.8 15.0 22.6

179 15.2 12.2 18.2



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

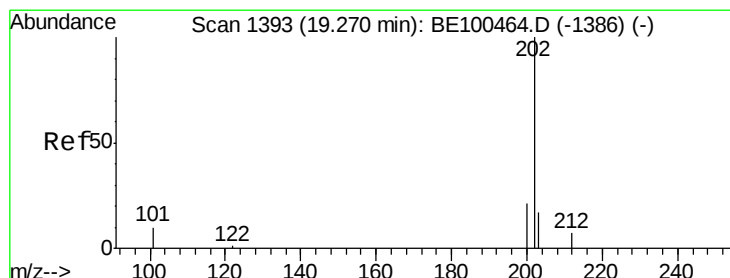
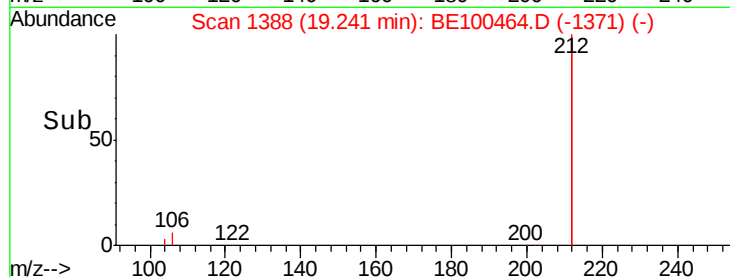
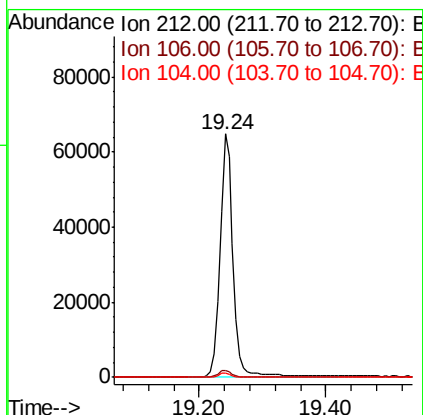
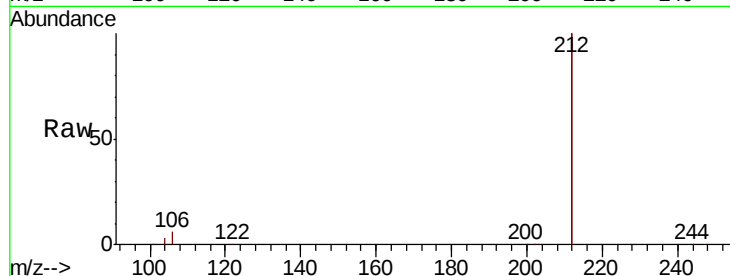




#25
 Fluoranthene-d10
 Concen: 0.452 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BE100464.D
 Acq: 19 Jul 2019 10:35

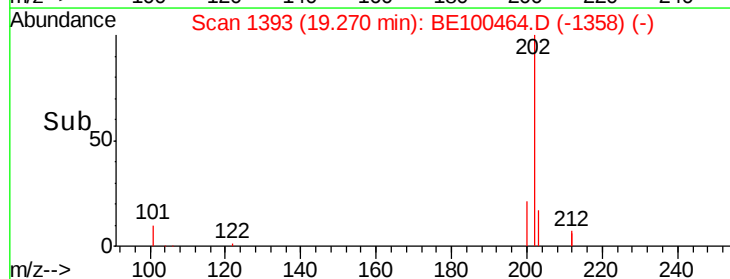
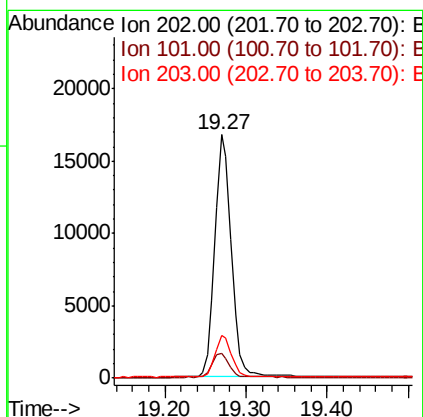
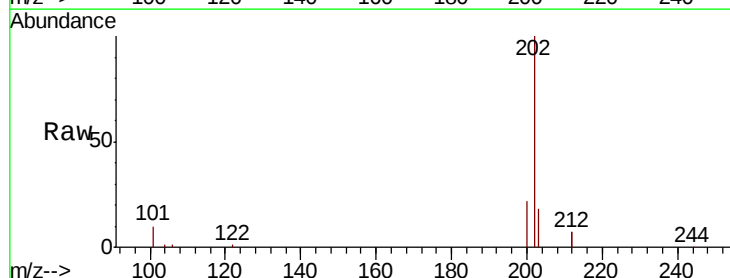
Instrument :
 BNA_E
 ClientSampleId :

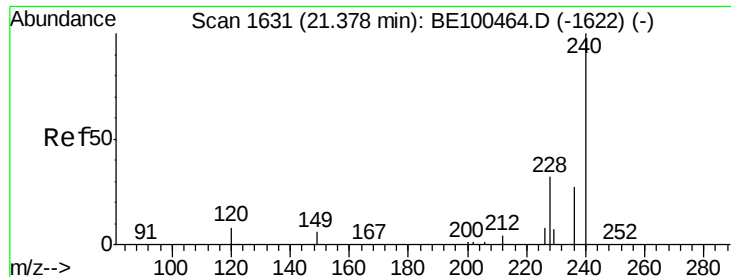
Tot Ion:212 Resp: 90563
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.2
 104 1.5 1.2 1.8



#26
 Fluoranthene
 Concen: 0.417 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BE100464.D
 Acq: 19 Jul 2019 10:35

Tgt Ion:202 Resp: 23767
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.3 12.5
 203 17.0 13.6 20.4

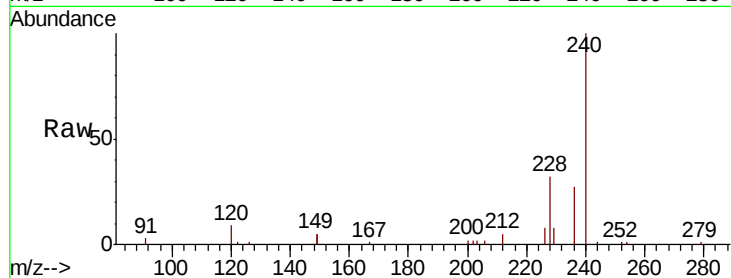




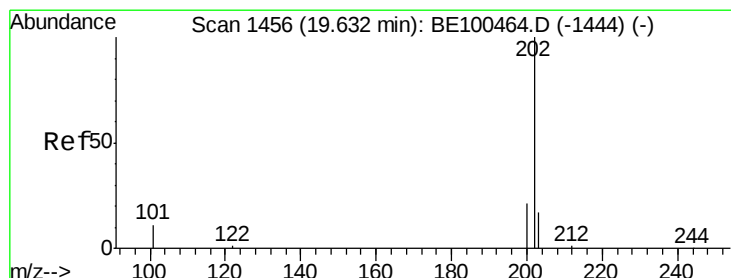
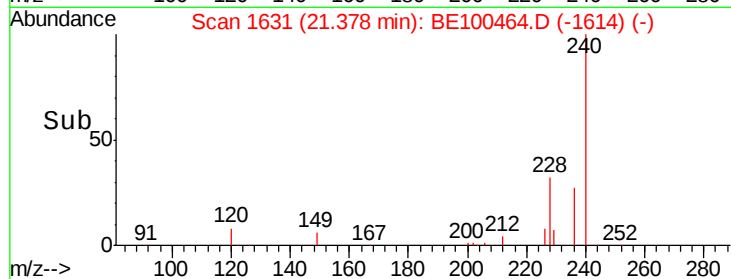
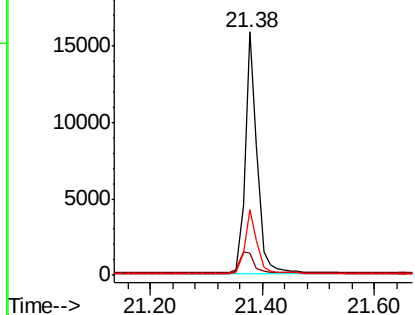
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE100464.D
 Acq: 19 Jul 2019 10:35

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:240 Resp: 23578
 Ion Ratio Lower Upper
 240 100
 120 8.9 7.1 10.7
 236 27.1 21.7 32.5

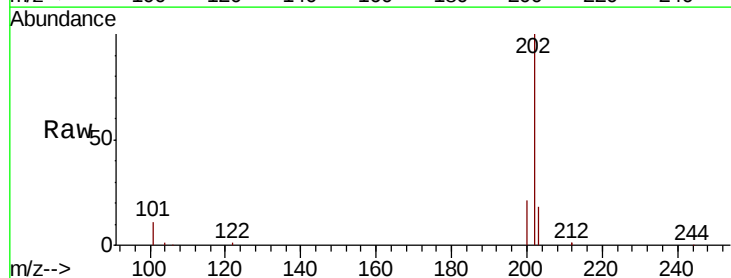


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

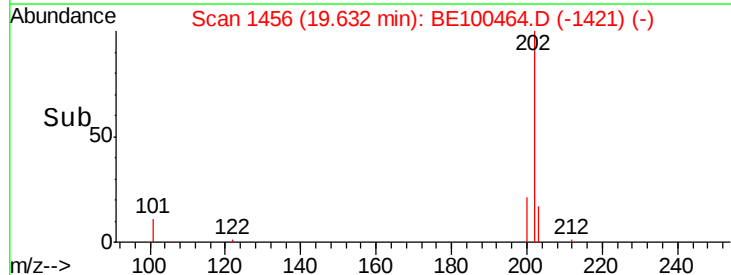
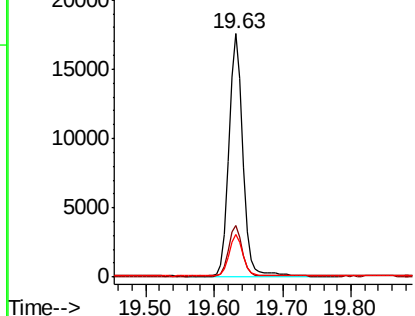


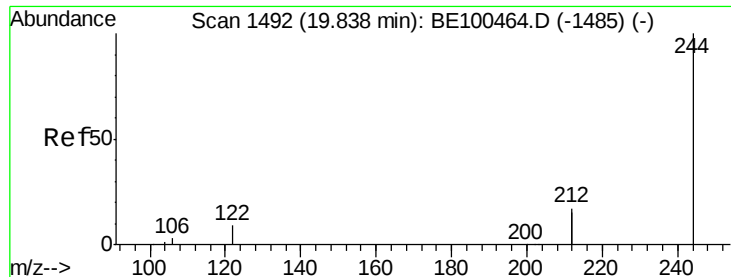
#28
 Pyrene
 Concen: 0.366 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BE100464.D
 Acq: 19 Jul 2019 10:35

Tgt Ion:202 Resp: 25272
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.7 25.1
 203 17.3 13.8 20.8



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: 0.342 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

Instrument :

BNA_E

ClientSampleId :

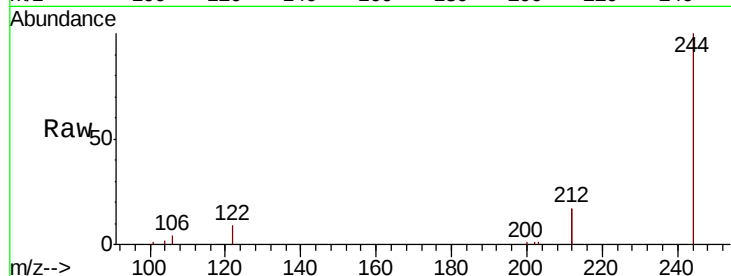
Tot Ion:244 Resp: 19757

Ion Ratio Lower Upper

244 100

212 33.3 26.6 40.0

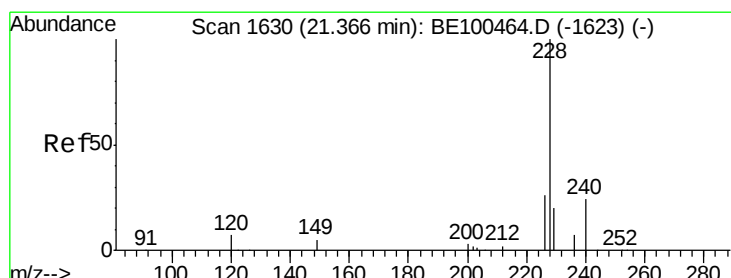
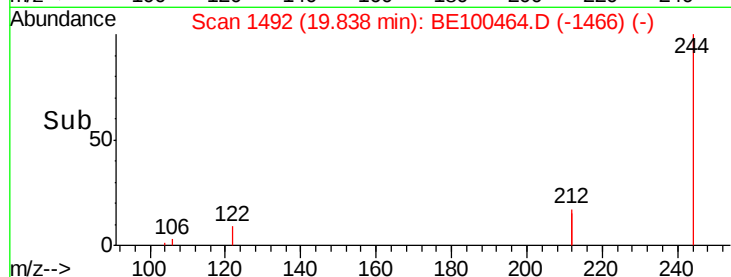
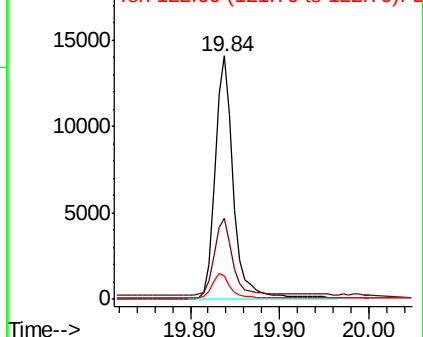
122 9.5 7.6 11.4



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: 0.432 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

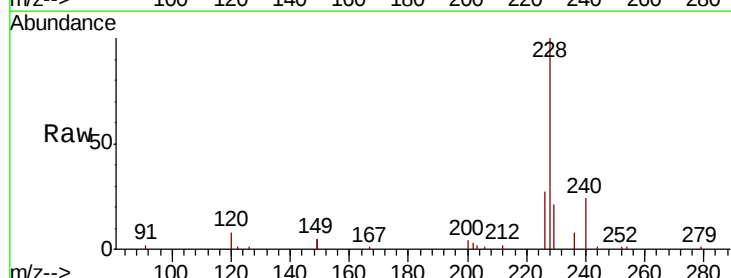
Tgt Ion:228 Resp: 27645

Ion Ratio Lower Upper

228 100

226 26.6 21.3 31.9

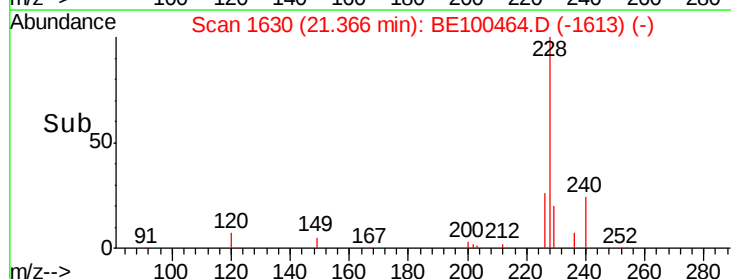
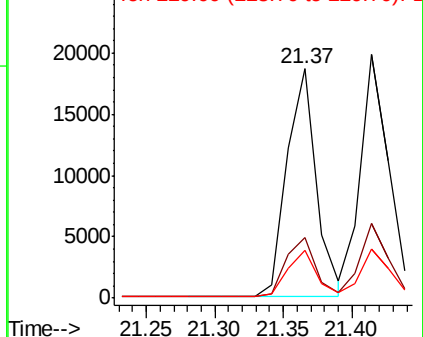
229 20.8 16.6 25.0

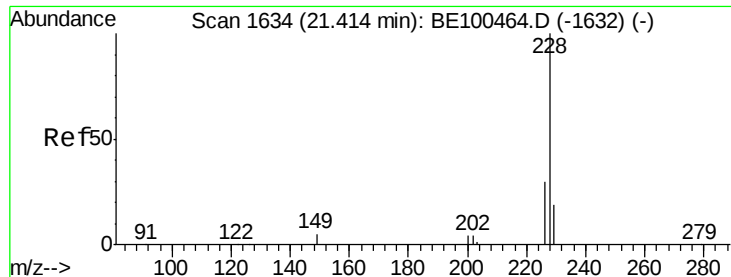


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.373 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

Instrument :

BNA_E

ClientSampled :

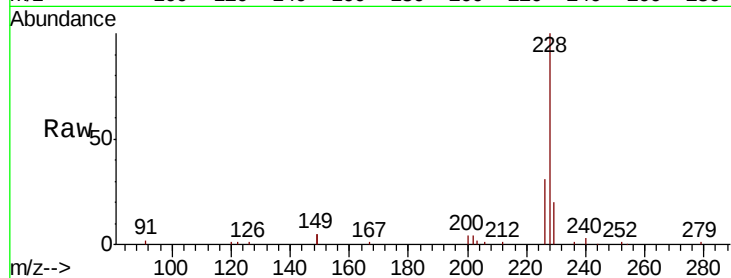
Tot Ion:228 Resp: 28361

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

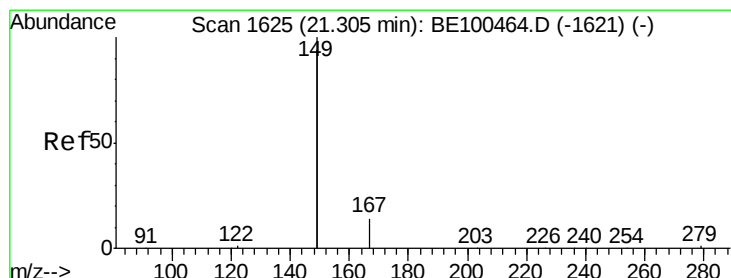
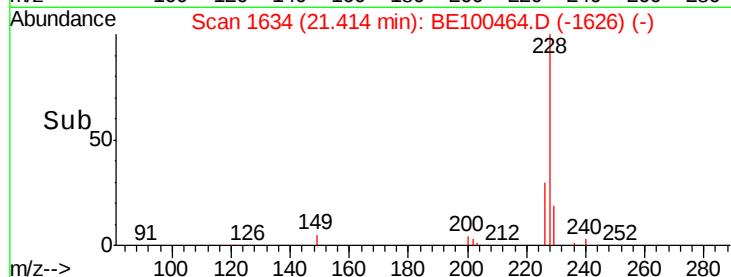
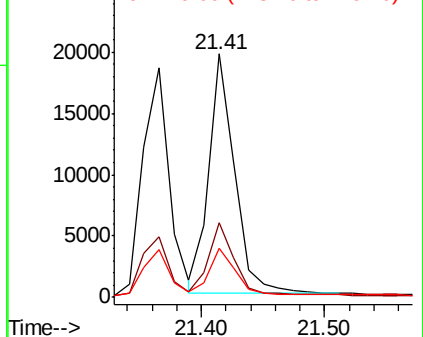
229 20.0 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.363 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

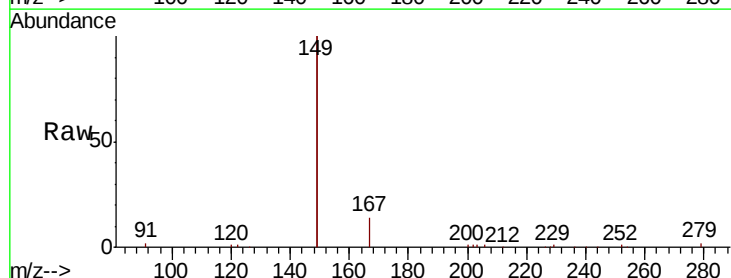
Tgt Ion:149 Resp: 62571

Ion Ratio Lower Upper

149 100

167 7.2 5.8 8.6

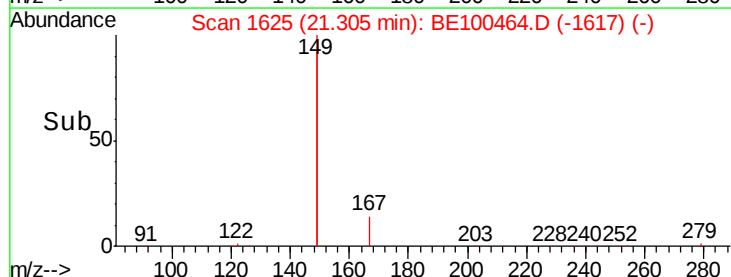
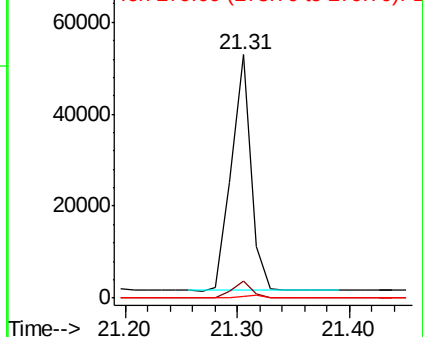
279 1.0 0.8 1.2

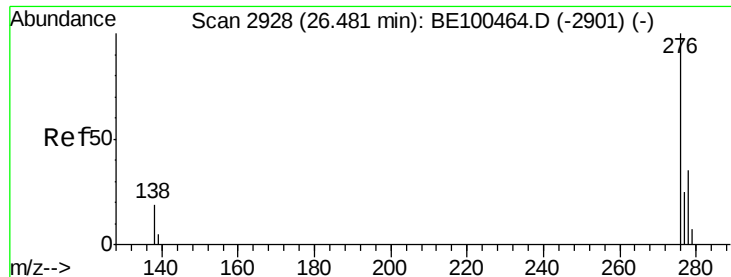


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

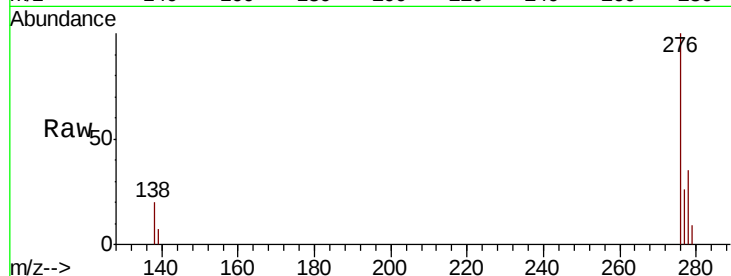




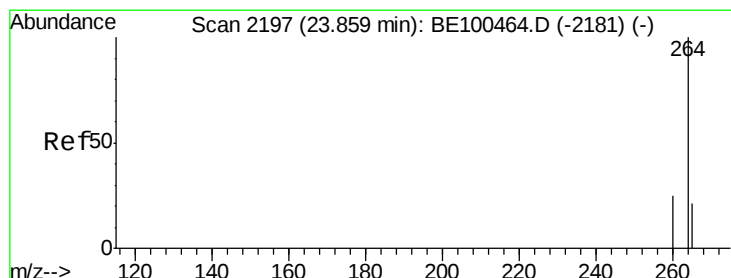
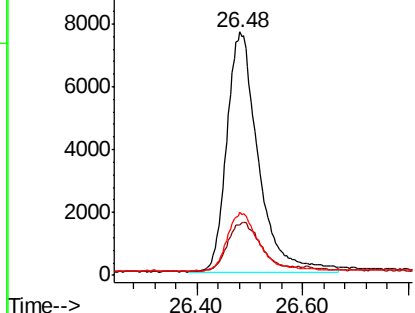
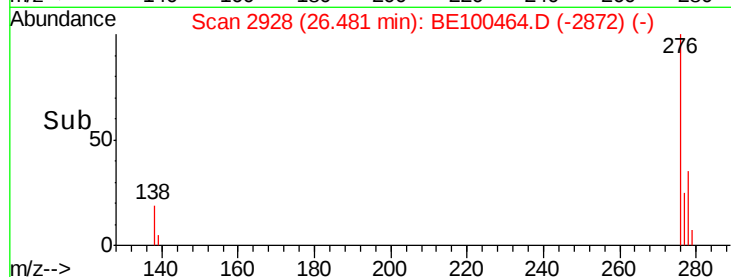
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.466 ng
RT: 26.48 min Scan# 2928
Delta R.T. 0.00 min
Lab File: BE100464.D
Acq: 19 Jul 2019 10:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 31492
Ion Ratio Lower Upper
276 100
138 21.8 17.4 26.0
277 24.3 19.4 29.0

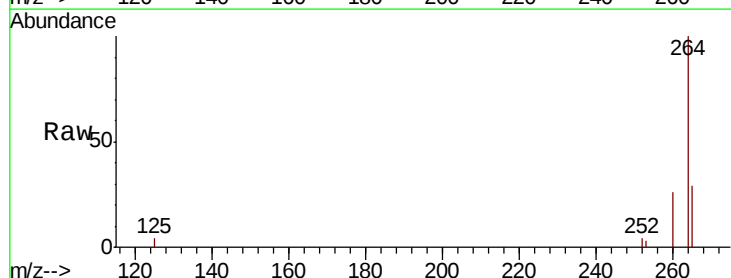


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

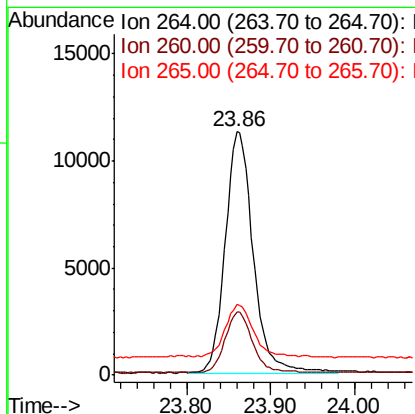
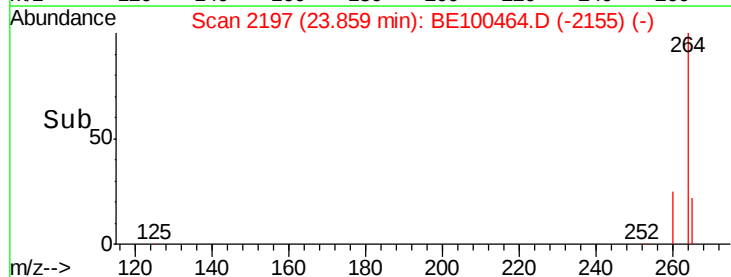


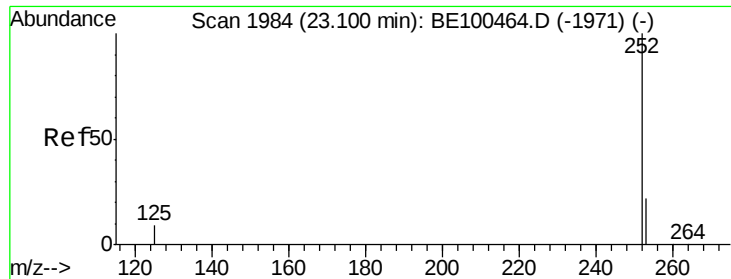
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BE100464.D
Acq: 19 Jul 2019 10:35

Tgt Ion:264 Resp: 26098
Ion Ratio Lower Upper
264 100
260 25.9 20.7 31.1
265 29.2 23.4 35.0



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: 0.347 ng

RT: 23.10 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

Instrument :

BNA_E

ClientSampleId :

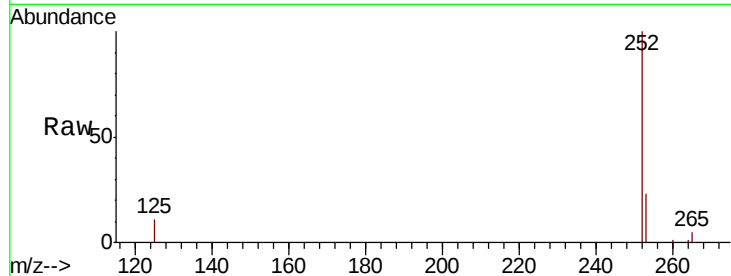
Tot Ion:252 Resp: 27708

Ion Ratio Lower Upper

252 100

253 23.1 18.5 27.7

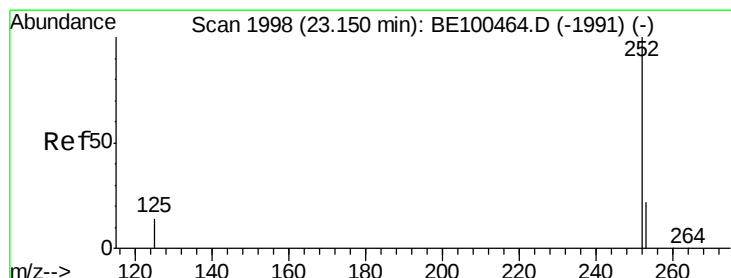
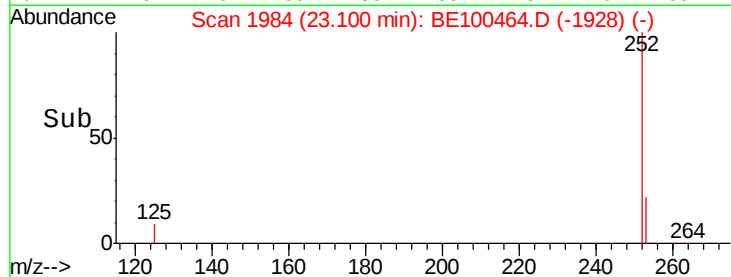
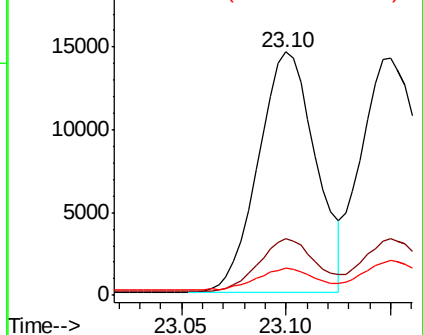
125 11.2 9.0 13.4



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



#36

Benzo(k)fluoranthene

Concen: 0.356 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

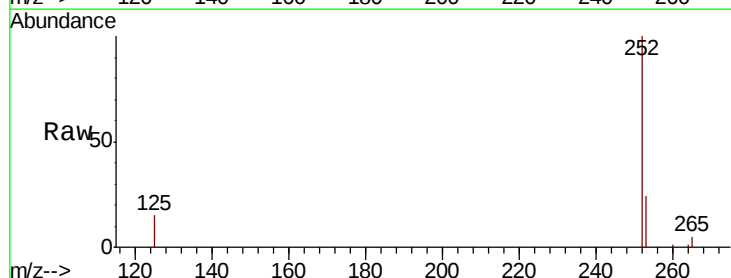
Tgt Ion:252 Resp: 30038

Ion Ratio Lower Upper

252 100

253 23.7 19.0 28.4

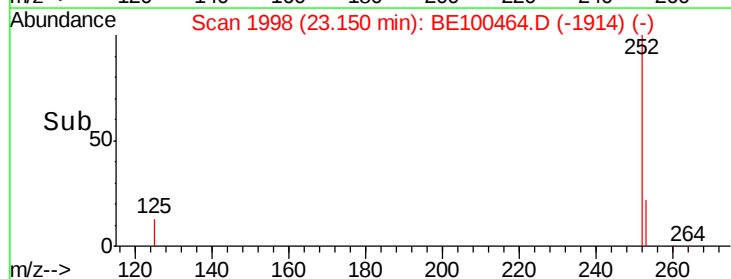
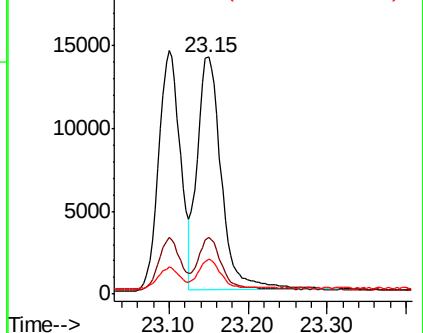
125 14.8 11.8 17.8

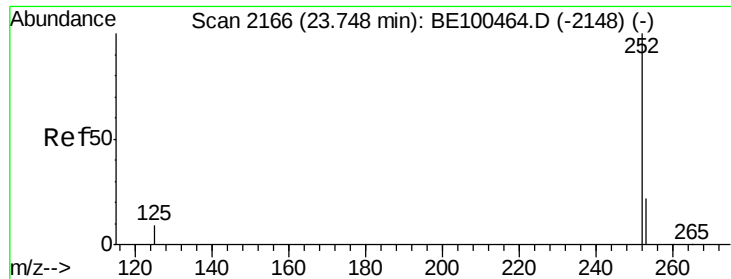


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.411 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

Instrument :

BNA_E

ClientSampleId :

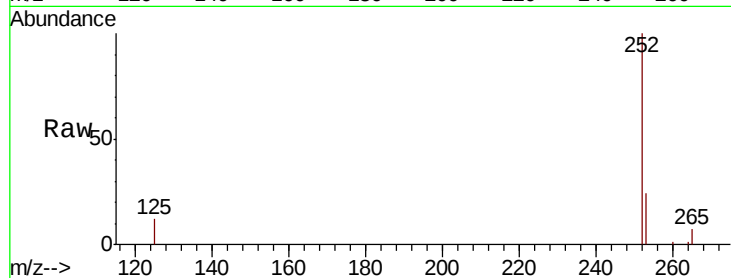
Tot Ion:252 Resp: 26930

Ion Ratio Lower Upper

252 100

253 23.9 19.1 28.7

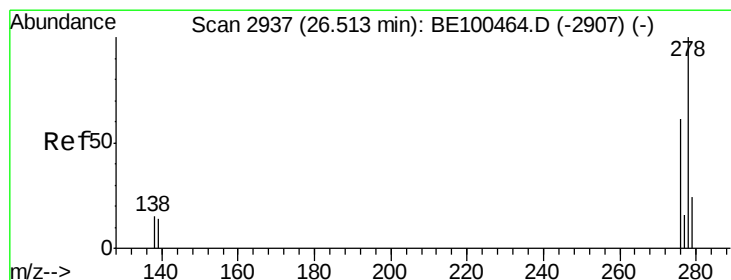
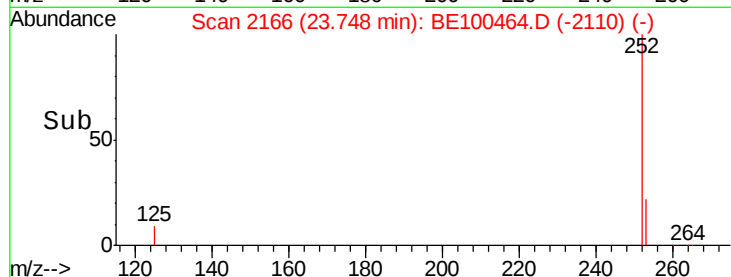
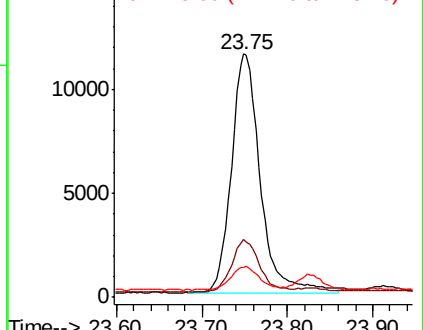
125 12.5 10.0 15.0



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: 0.365 ng

RT: 26.51 min Scan# 2937

Delta R.T. 0.00 min

Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

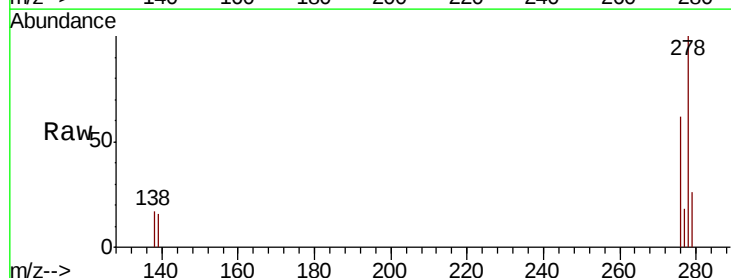
Tgt Ion:278 Resp: 25504

Ion Ratio Lower Upper

278 100

139 16.3 13.0 19.6

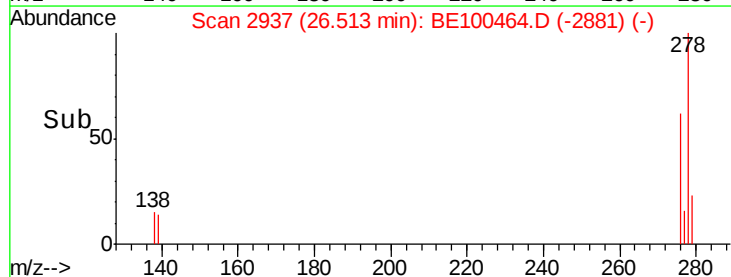
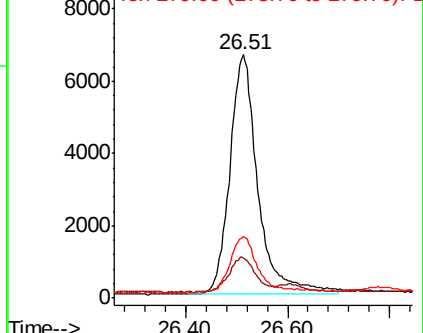
279 25.5 20.4 30.6

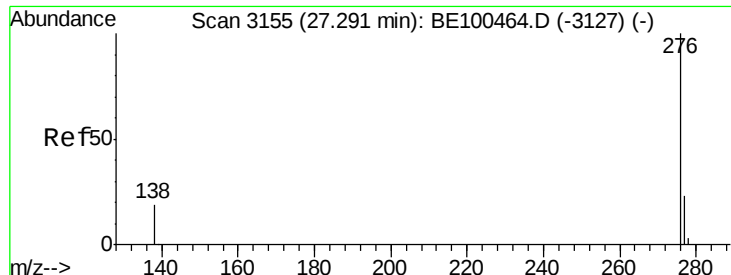


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.361 ng

RT: 27.29 min Scan# 3155

Delta R.T. 0.00 min

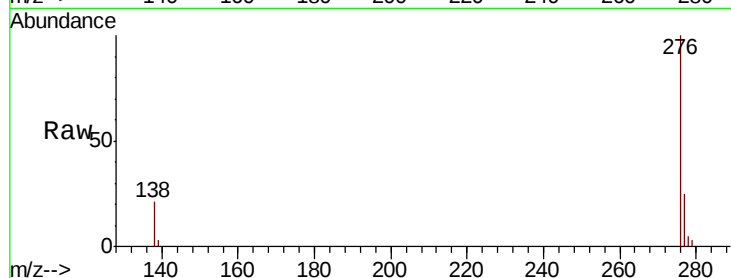
Lab File: BE100464.D

Acq: 19 Jul 2019 10:35

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 26376

Ion Ratio Lower Upper

276 100

277 24.9 19.9 29.9

138 20.9 16.7 25.1

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

