

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
 Data File : BE100484.D
 Acq On : 22 Jul 2019 17:21
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE072219

Quant Time: Jul 22 18:02:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 22 17:11:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2544	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	10706	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	7256	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	19464	0.40	ng	0.00
27) Chrysene-d12	21.38	240	21746	0.40	ng	0.00
34) Perylene-d12	23.86	264	23565	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	2530	0.41	ng	0.00
5) Phenol-d6	7.02	99	3492	0.39	ng	0.00
8) Nitrobenzene-d5	9.02	82	3495	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	6819	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1190	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	11155	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	100575	0.38	ng	0.00
29) Terphenyl-d14	19.83	244	21487	0.40	ng	0.00

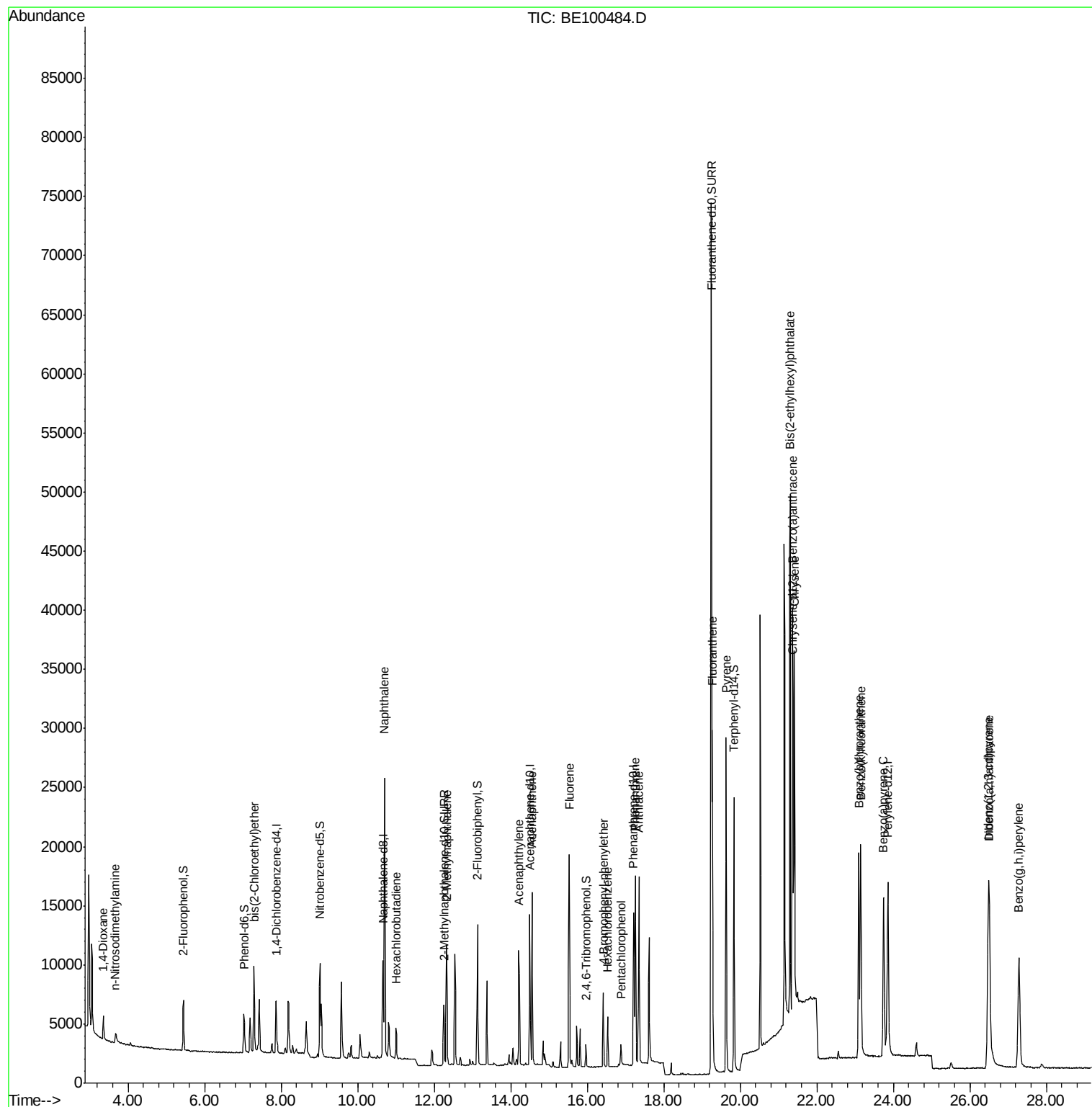
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	1452	0.340	ng	95
3) n-Nitrosodimethylamine	3.67	42	781	0.335	ng	# 69
6) bis(2-Chloroethyl)ether	7.29	93	3134	0.412	ng	93
9) Naphthalene	10.71	128	40733	0.396	ng	100
10) Hexachlorobutadiene	11.00	225	1922	0.391	ng	100
12) 2-Methylnaphthalene	12.32	142	7179	0.388	ng	99
16) Acenaphthylene	14.21	152	12511	0.373	ng	99
17) Acenaphthene	14.56	154	7594	0.376	ng	99
18) Fluorene	15.53	166	10269	0.381	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	3491	0.377	ng	96
21) Hexachlorobenzene	16.53	284	3555	0.373	ng	99
22) Pentachlorophenol	16.88	266	1415	0.432	ng	99
23) Phenanthrene	17.26	178	18578	0.390	ng	100
24) Anthracene	17.35	178	17168	0.378	ng	99
26) Fluoranthene	19.27	202	26011	0.379	ng	100
28) Pyrene	19.63	202	27307	0.403	ng	100
30) Benzo(a)anthracene	21.37	228	26334	0.397	ng	99
31) Chrysene	21.41	228	26013	0.397	ng	98
32) Bis(2-ethylhexyl)phthalate	21.30	149	59694	0.392	ng	100
33) Indeno(1,2,3-cd)pyrene	26.48	276	28142	0.394	ng	99
35) Benzo(b)fluoranthene	23.10	252	24457	0.379	ng	98
36) Benzo(k)fluoranthene	23.15	252	27352	0.404	ng	99
37) Benzo(a)pyrene	23.74	252	24531	0.391	ng	97
38) Dibenzo(a,h)anthracene	26.51	278	22930	0.387	ng	96
39) Benzo(g,h,i)perylene	27.28	276	23674	0.390	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. 0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

Instrument :

BNA_E

ClientSampleId :

ICVBE072219

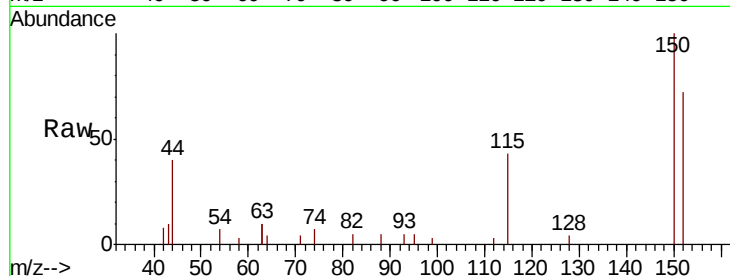
Tot Ion:152 Resp: 2544

Ion Ratio Lower Upper

152 100

150 139.7 115.0 172.6

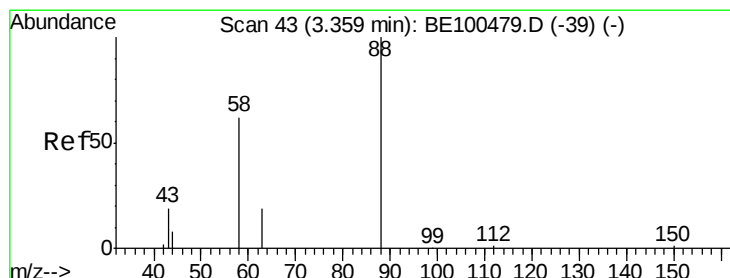
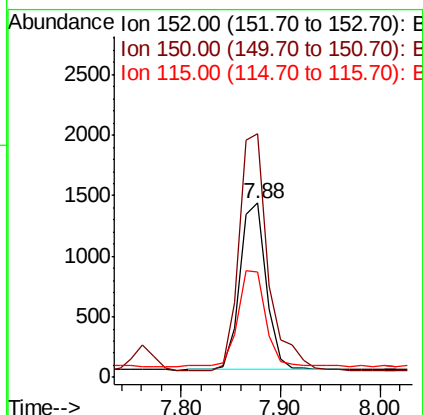
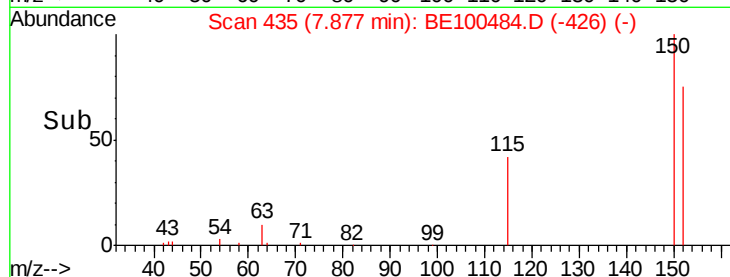
115 60.3 52.9 79.3



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



#2

1,4-Dioxane

Concen: 0.340 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.01 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

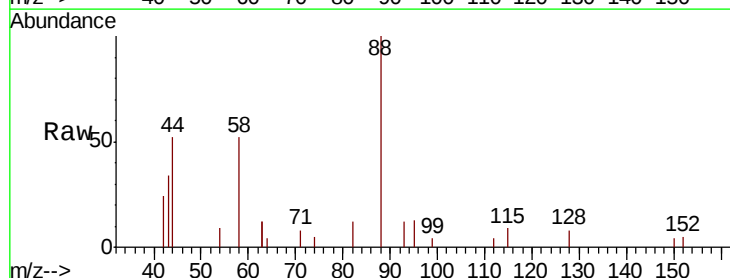
Tgt Ion: 88 Resp: 1452

Ion Ratio Lower Upper

88 100

58 71.7 53.2 79.8

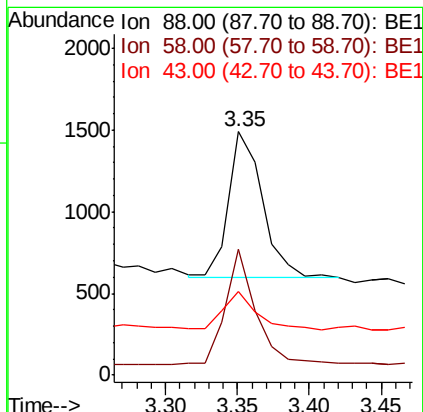
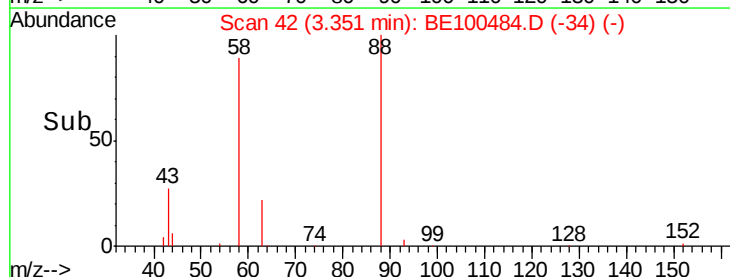
43 27.5 20.8 31.2

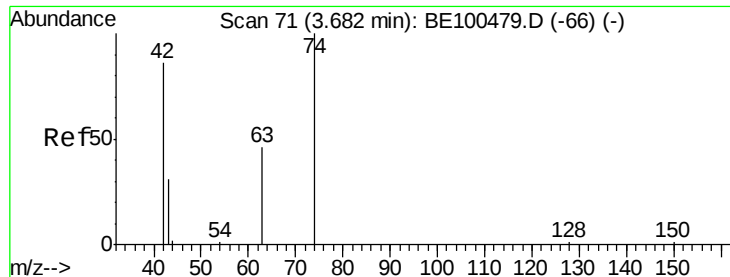


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.335 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

Instrument :

BNA_E

ClientSampleId :

ICVBE072219

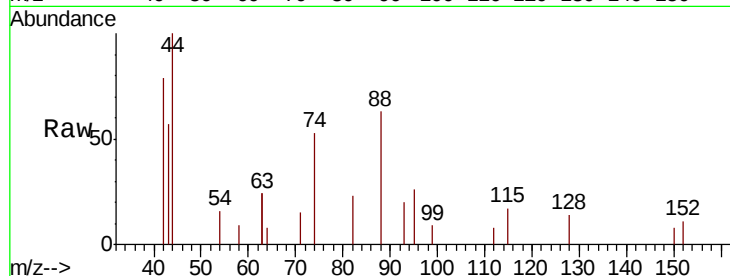
Tot Ion: 42 Resp: 781

Ion Ratio Lower Upper

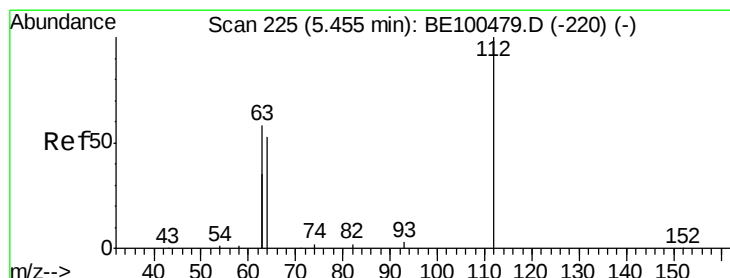
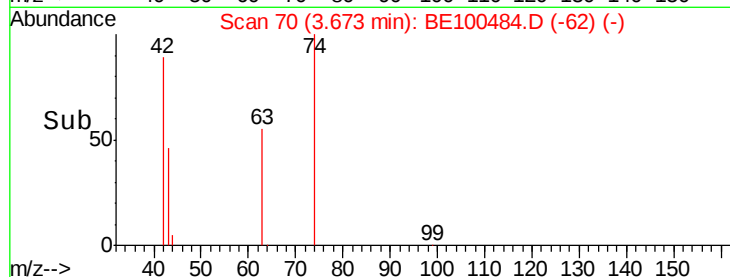
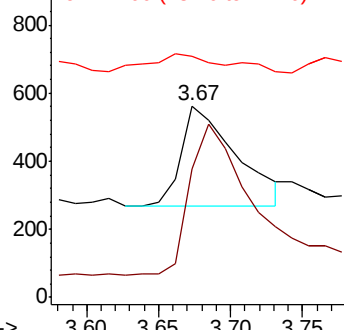
42 100

74 163.6 0.0 0.0#

44 0.0 9.6 14.4#



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: 0.408 ng

RT: 5.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

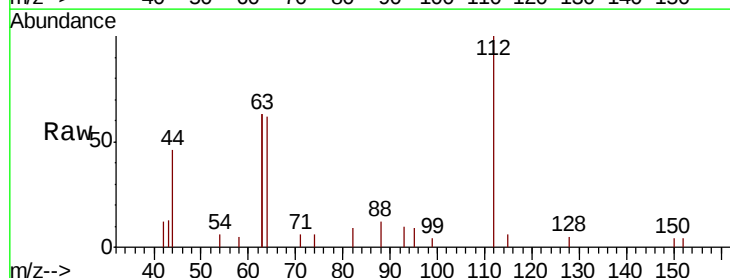
Tgt Ion: 112 Resp: 2530

Ion Ratio Lower Upper

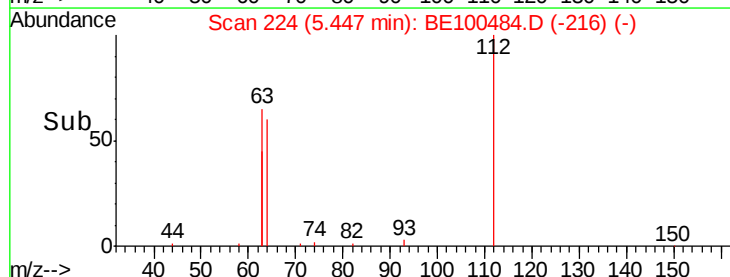
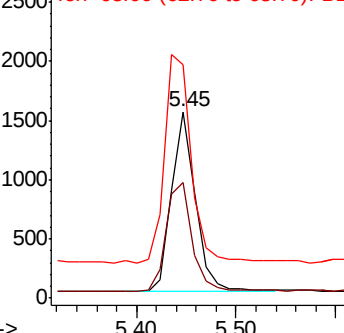
112 100

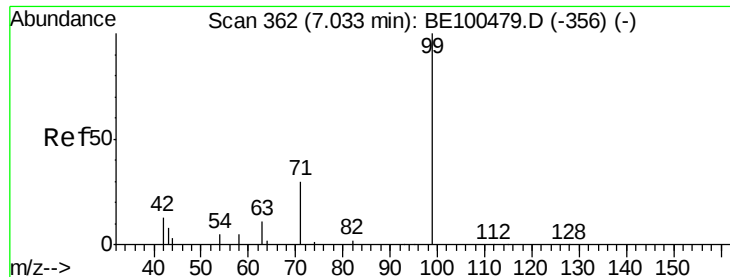
64 66.1 54.1 81.1

63 134.2 104.6 157.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.394 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.01 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

Instrument :

BNA_E

ClientSampleId :

ICVBE072219

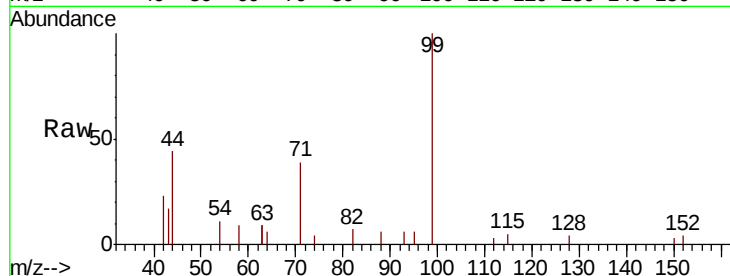
Tot Ion: 99 Resp: 3492

Ion Ratio Lower Upper

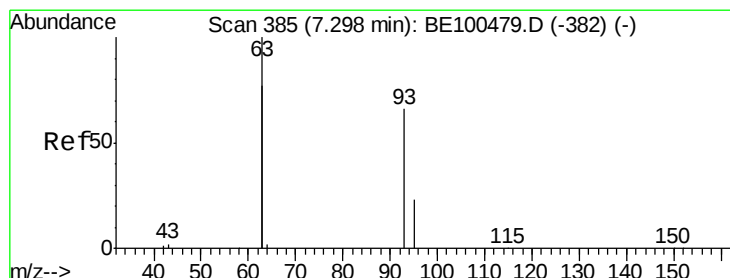
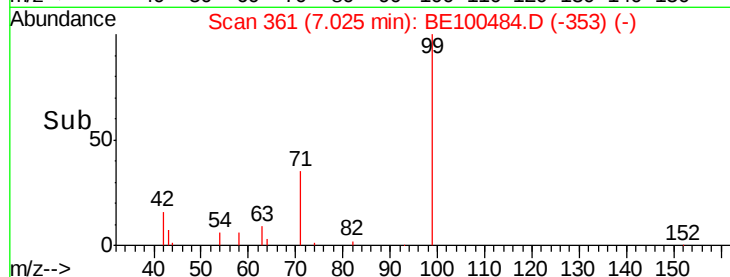
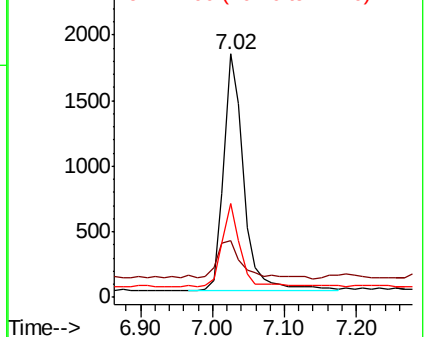
99 100

42 19.9 14.5 21.7

71 31.2 26.4 39.6



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: 0.412 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

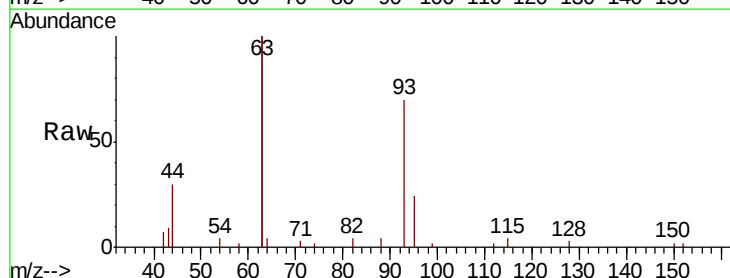
Tgt Ion: 93 Resp: 3134

Ion Ratio Lower Upper

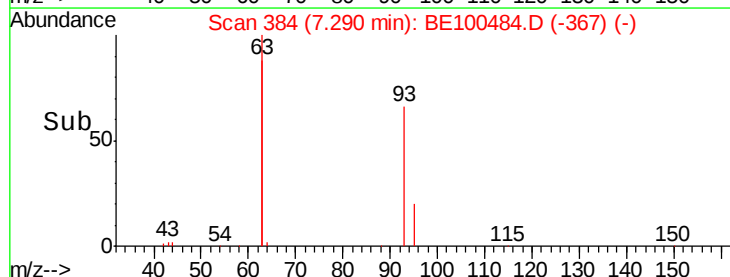
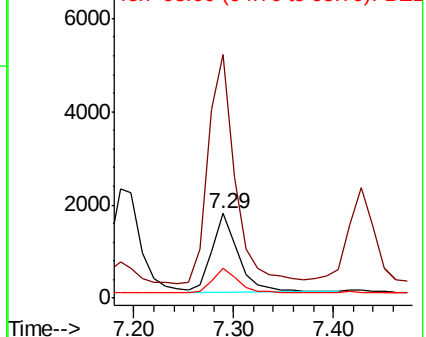
93 100

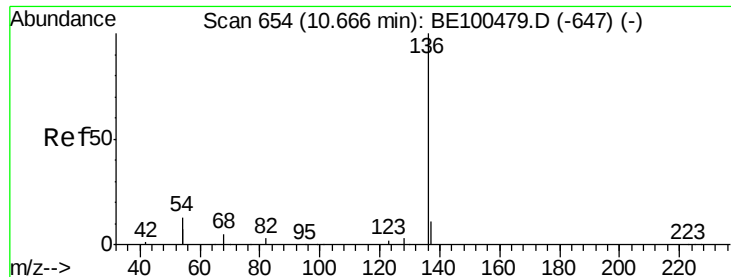
63 295.1 248.3 372.5

95 30.4 25.4 38.0



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: BE100484.D

Acq: 22 Jul 2019 17:21

Instrument :

BNA_E

ClientSampleId :

ICVBE072219

Tot Ion:136 Resp: 10706

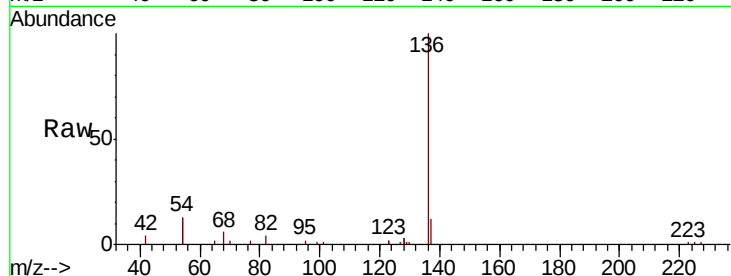
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.6

54 25.5 20.6 31.0

68 6.2 5.3 7.9

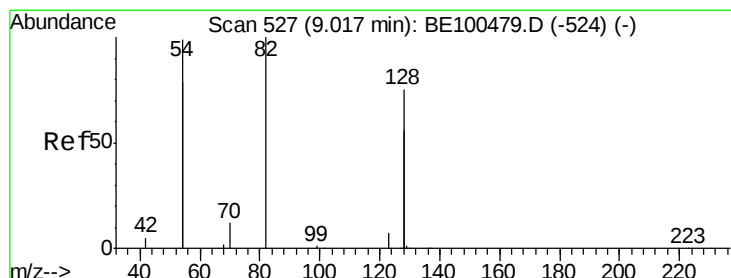
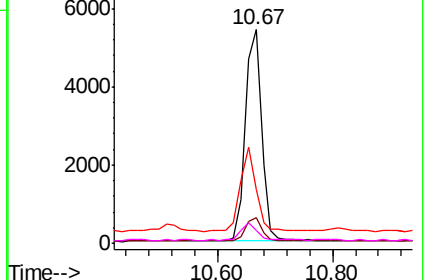
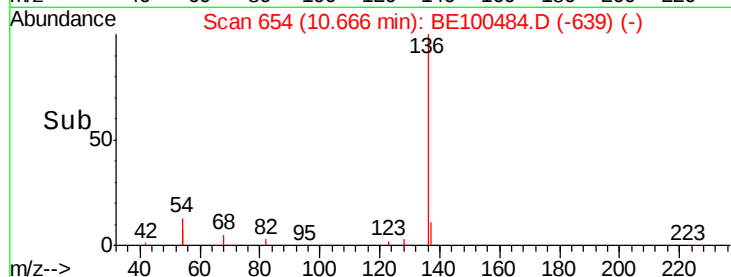


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.393 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

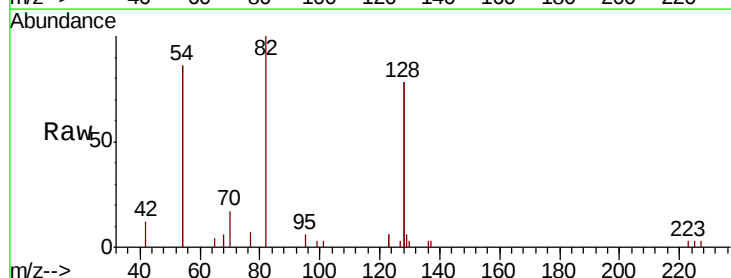
Tgt Ion: 82 Resp: 3495

Ion Ratio Lower Upper

82 100

128 155.9 113.6 170.4

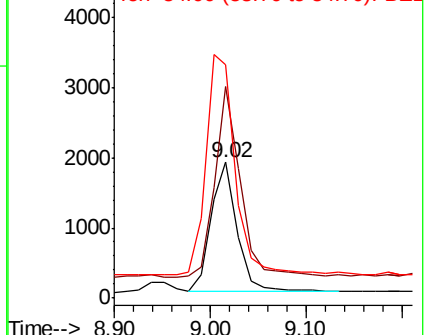
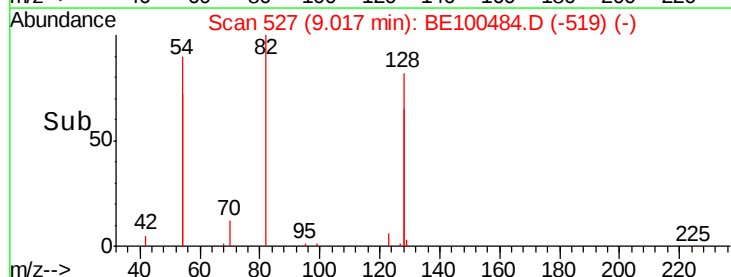
54 171.7 150.6 226.0

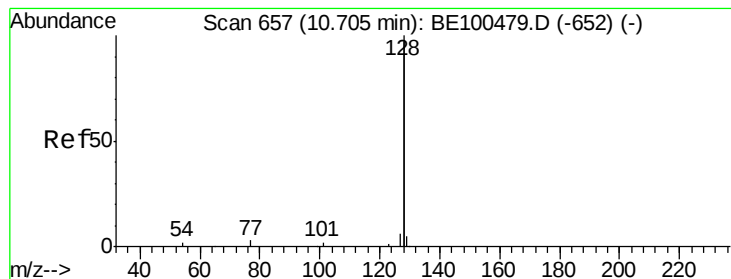


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.396 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

Instrument :

BNA_E

ClientSampleId :

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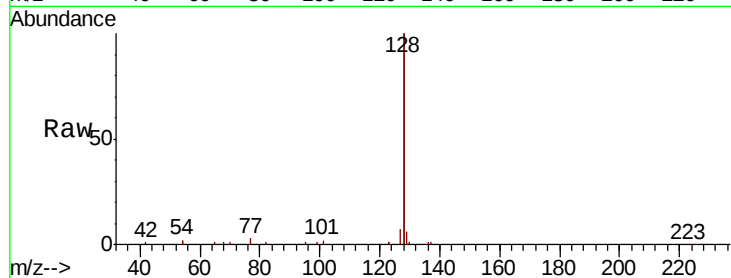
Tot Ion:128 Resp: 40733

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

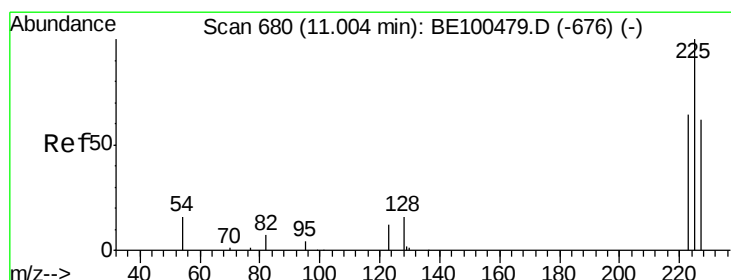
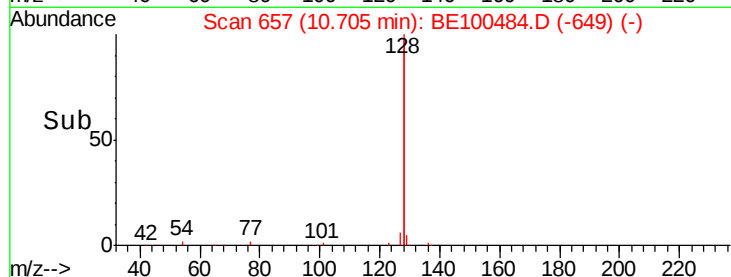
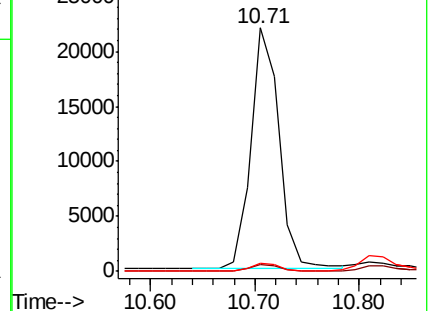
127 3.3 2.7 4.1



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: 0.391 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

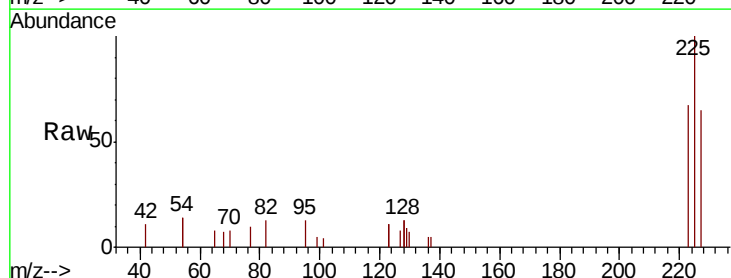
Tgt Ion:225 Resp: 1922

Ion Ratio Lower Upper

225 100

223 61.5 49.4 74.0

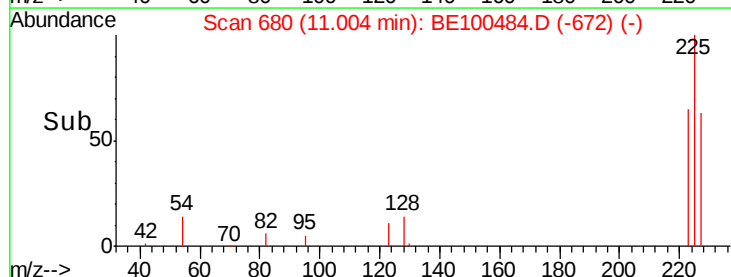
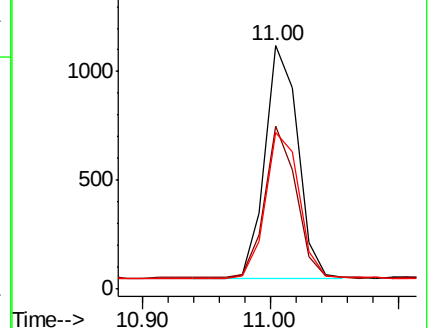
227 64.2 51.4 77.2

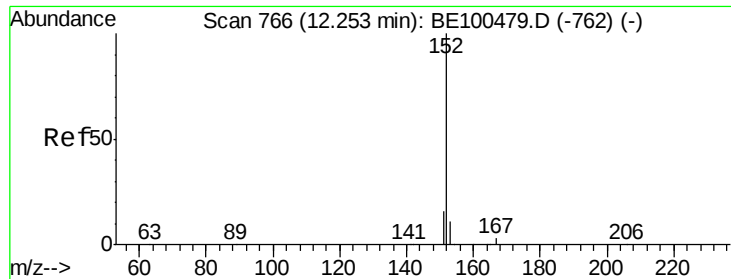


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

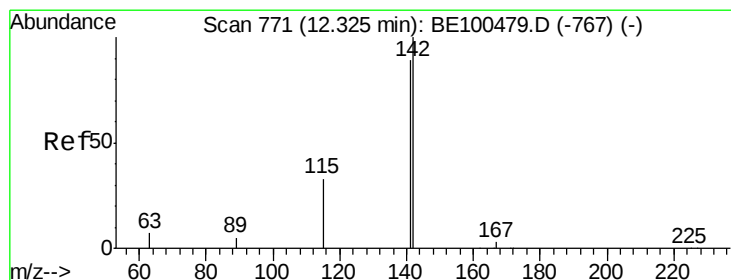
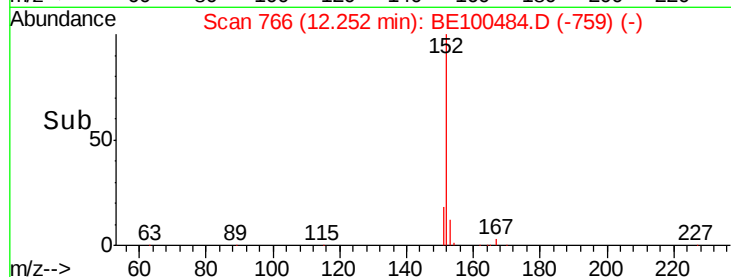
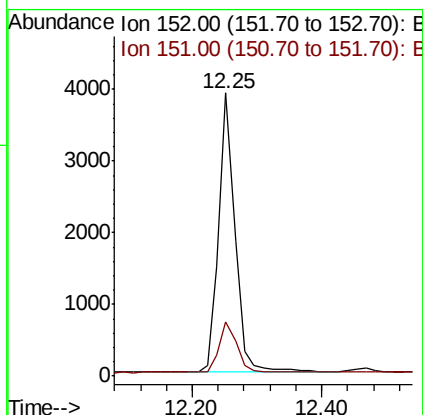
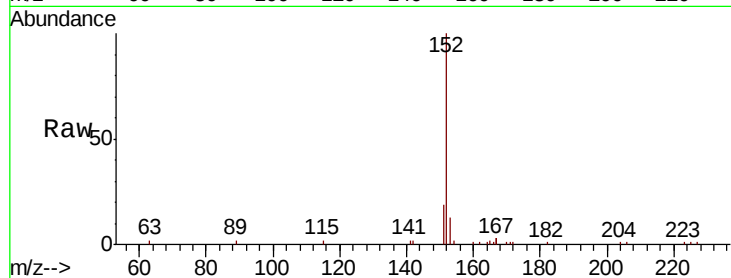




#11
 2-Methylnaphthalene-d10
 Concen: 0.384 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BE100484.D
 Acq: 22 Jul 2019 17:21

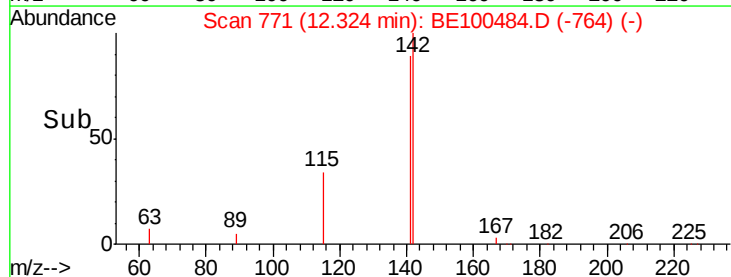
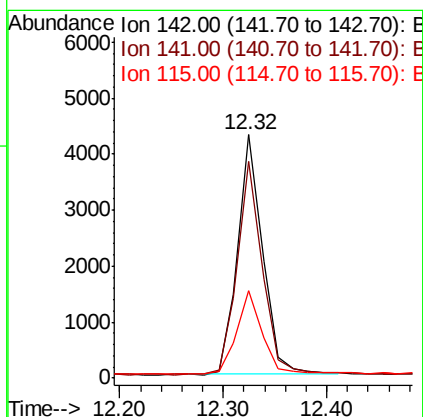
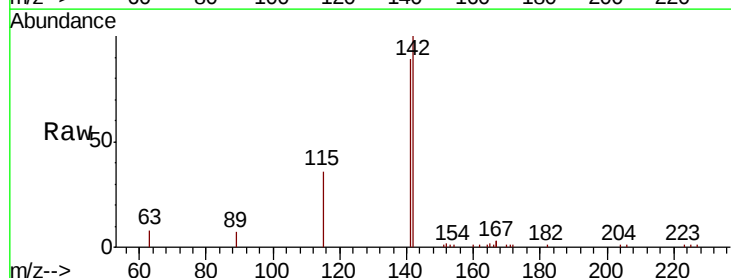
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE072219

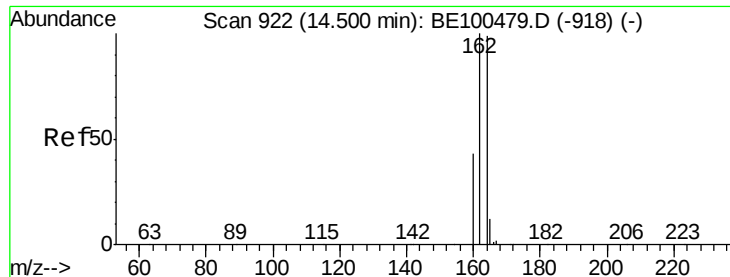
Tot Ion:152 Resp: 6819
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.388 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BE100484.D
 Acq: 22 Jul 2019 17:21

Tgt Ion:142 Resp: 7179
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.7 107.5
 115 35.8 27.8 41.6

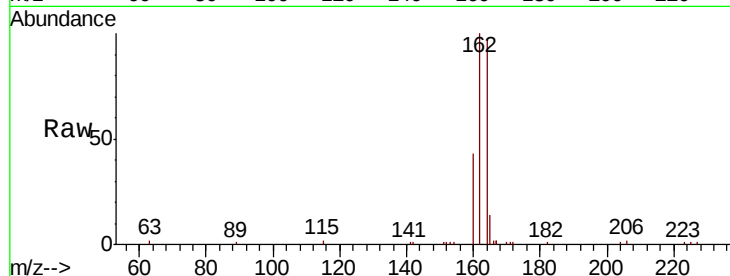




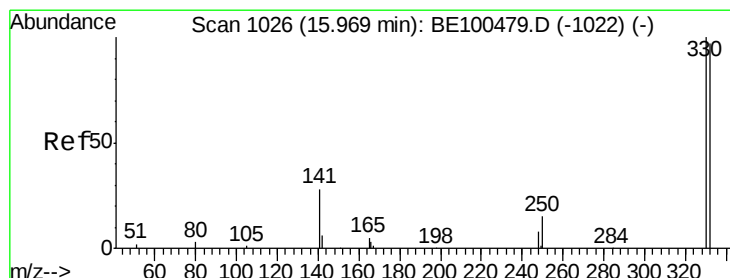
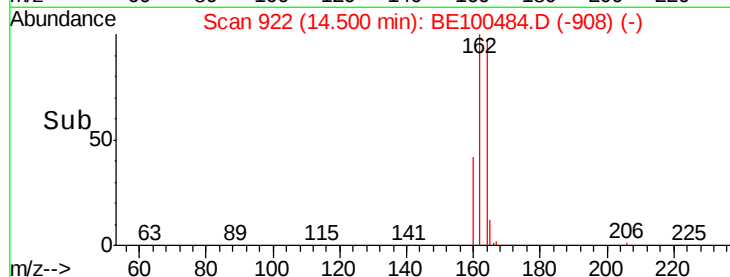
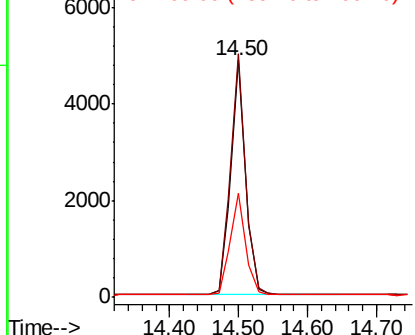
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tot Ion:164 Resp: 7256
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 43.9 34.9 52.3

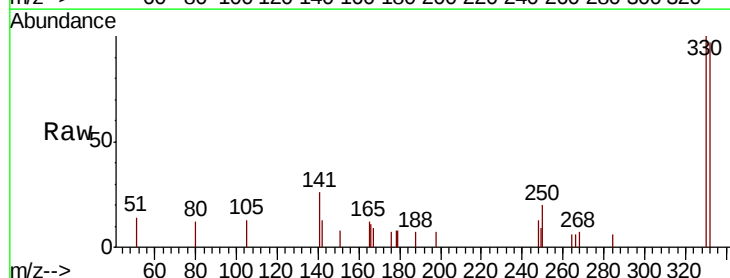


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

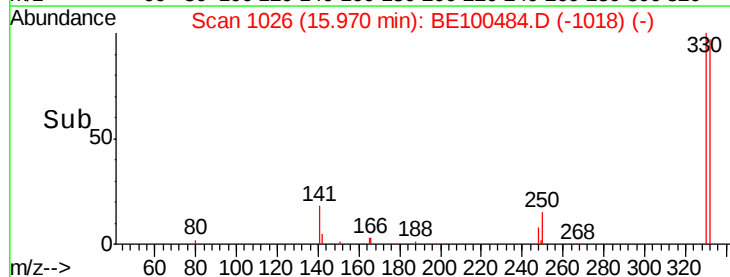
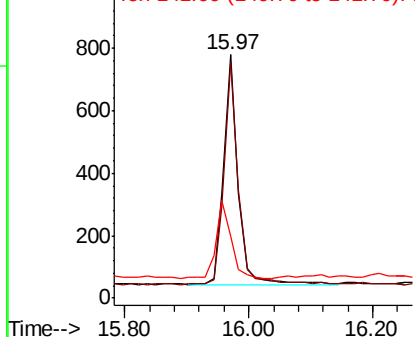


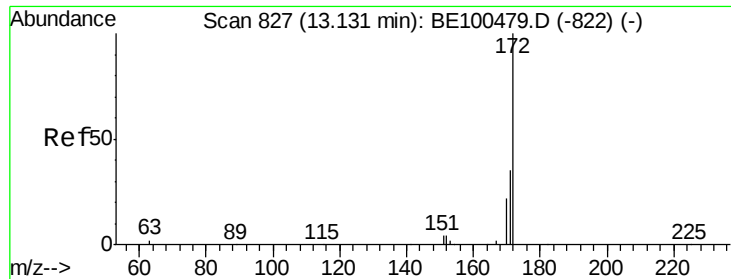
#14
2,4,6-Tribromophenol
Concen: 0.378 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:330 Resp: 1190
Ion Ratio Lower Upper
330 100
332 95.2 80.5 120.7
141 35.2 29.9 44.9



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

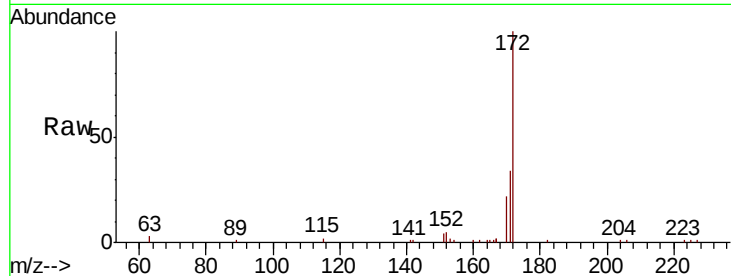




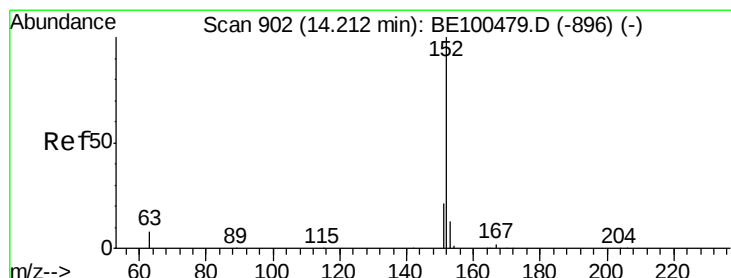
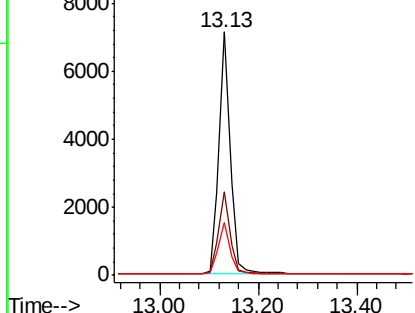
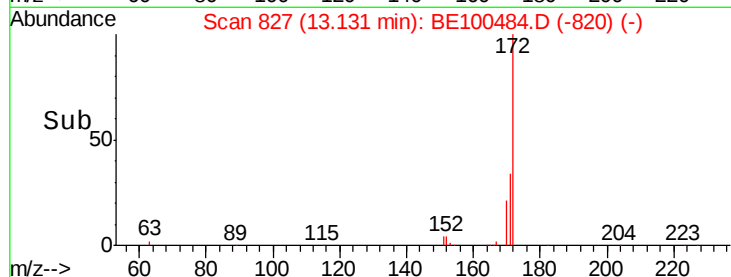
#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tot Ion:172 Resp: 11155
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 21.9 17.8 26.8

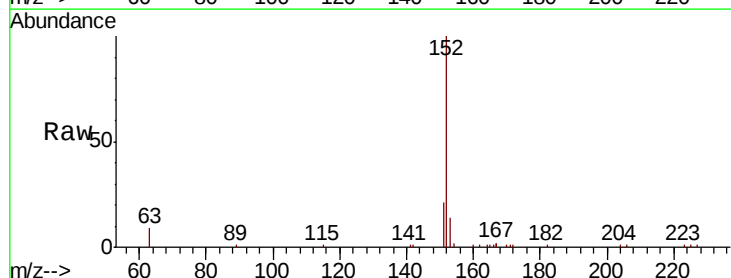


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

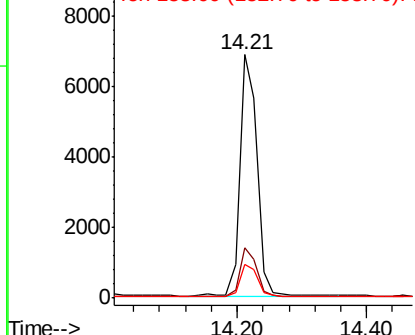
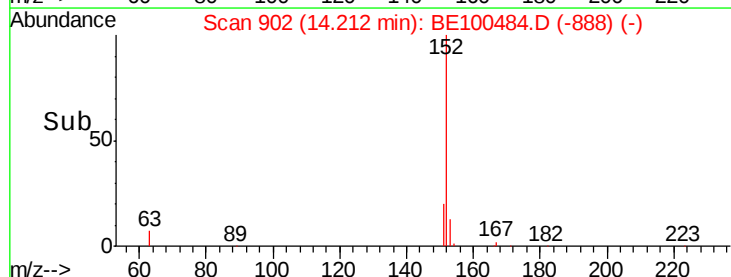


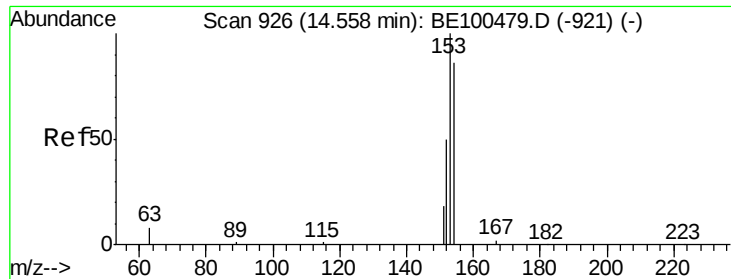
#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:152 Resp: 12511
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 13.3 10.6 16.0



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

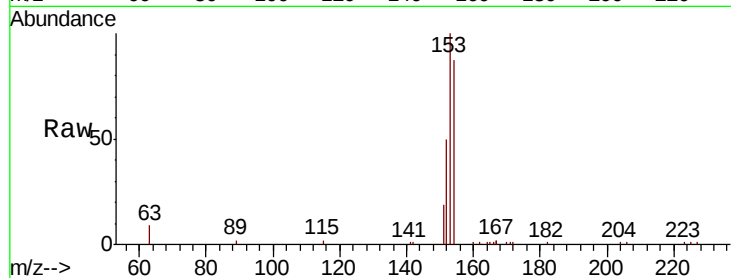




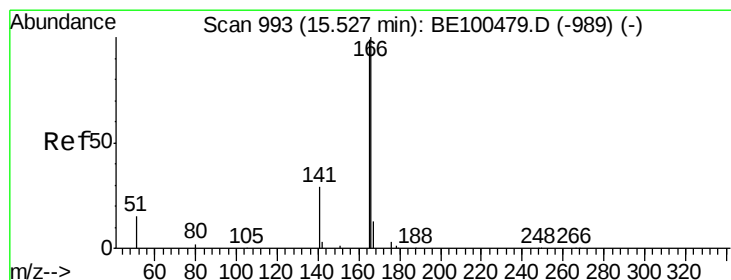
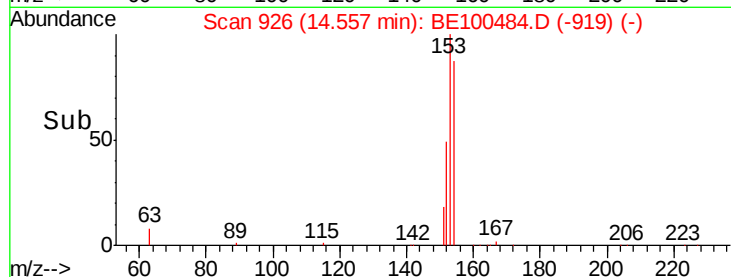
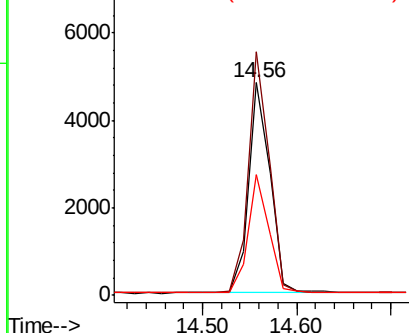
#17
Acenaphthene
Concen: 0.376 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tot Ion:154 Resp: 7594
Ion Ratio Lower Upper
154 100
153 112.9 90.8 136.2
152 55.2 45.1 67.7

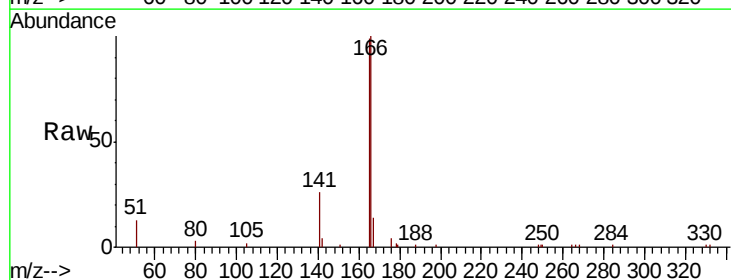


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

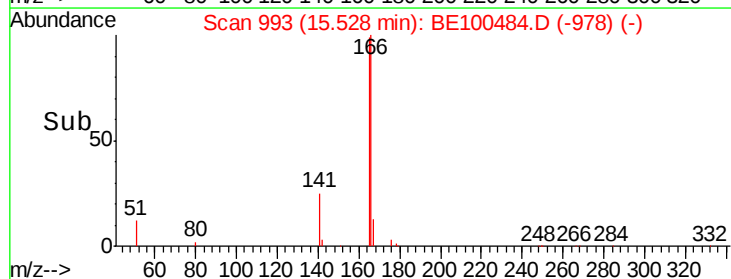
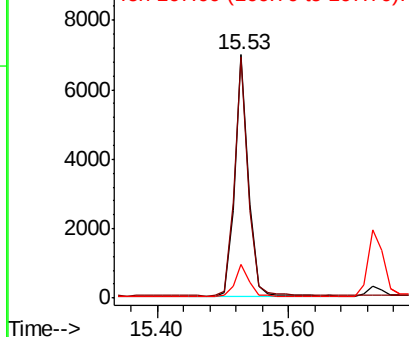


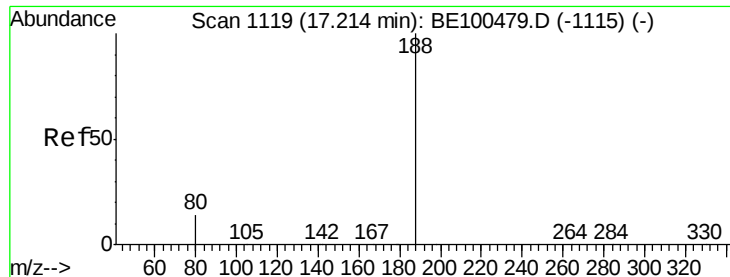
#18
Fluorene
Concen: 0.381 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:166 Resp: 10269
Ion Ratio Lower Upper
166 100
165 99.5 78.3 117.5
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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

Instrument :

BNA_E

ClientSampleId :

ICVBE072219

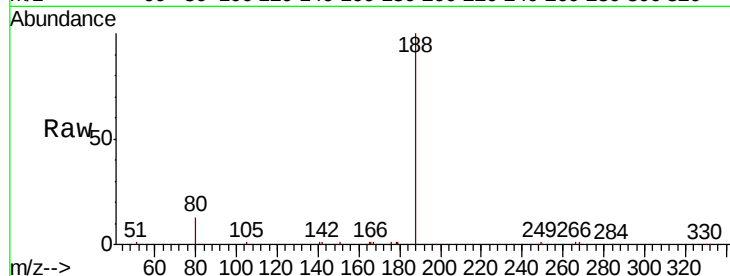
Tot Ion:188 Resp: 19464

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

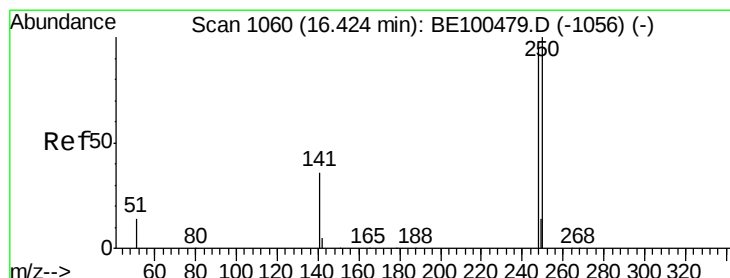
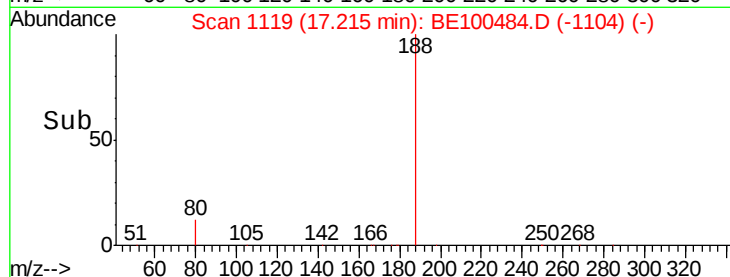
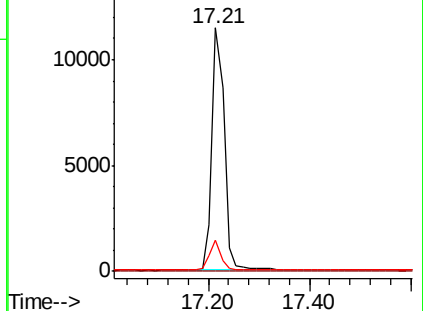
80 13.0 11.9 17.9



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: 0.377 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

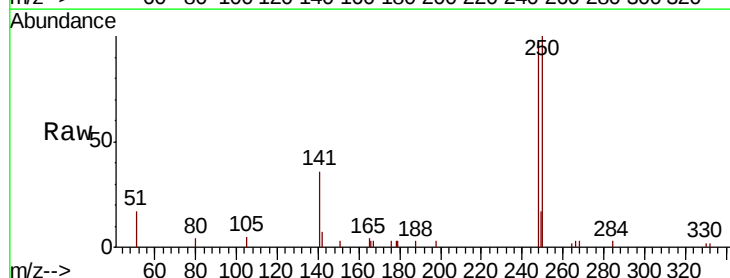
Tgt Ion:248 Resp: 3491

Ion Ratio Lower Upper

248 100

250 102.6 84.4 126.6

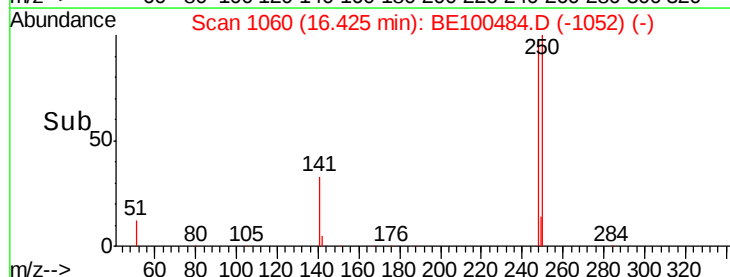
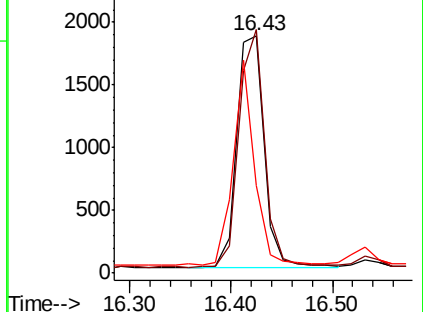
141 36.9 32.2 48.2

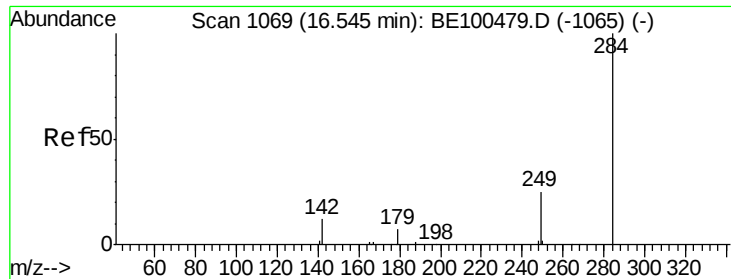


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

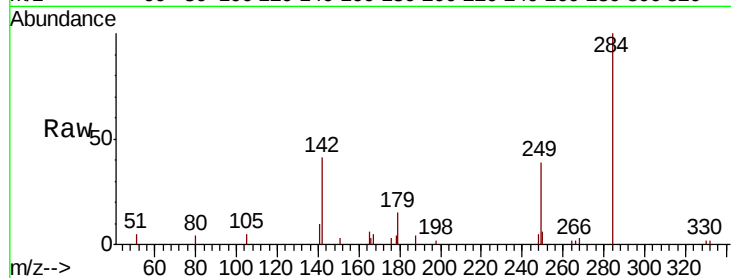




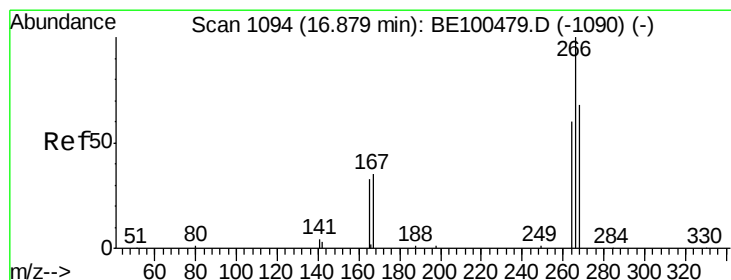
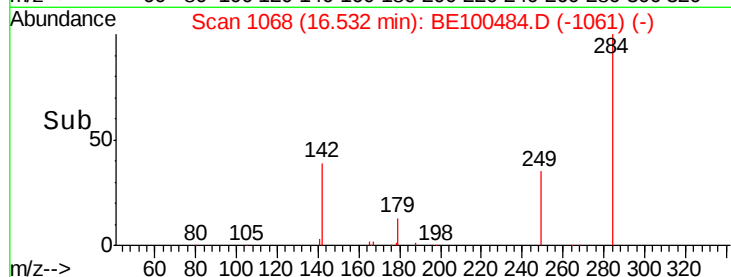
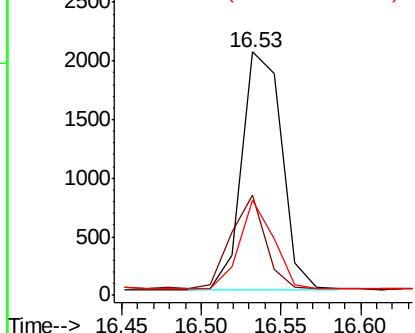
#21
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tot Ion:284 Resp: 3555
Ion Ratio Lower Upper
284 100
142 33.8 26.7 40.1
249 31.9 25.0 37.4

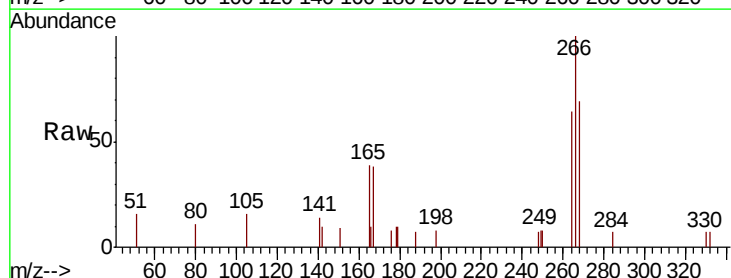


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

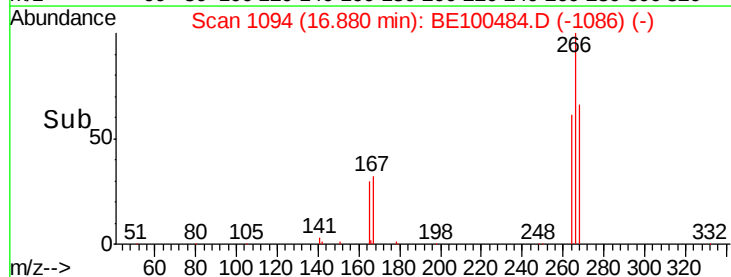
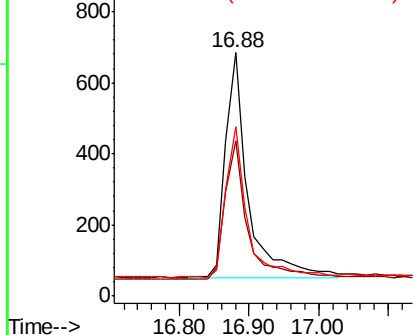


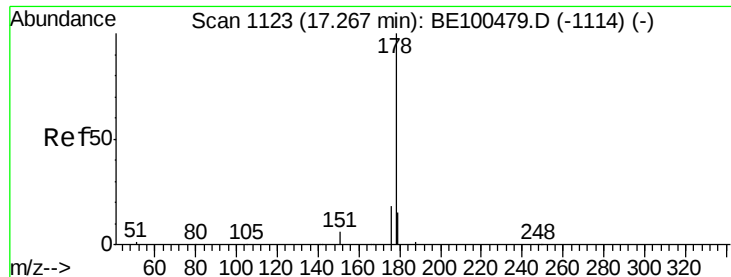
#22
Pentachlorophenol
Concen: 0.432 ng
RT: 16.88 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:266 Resp: 1415
Ion Ratio Lower Upper
266 100
264 63.5 50.4 75.6
268 69.5 56.6 85.0



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: 0.390 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

Instrument :

BNA_E

ClientSampleId :

ICVBE072219

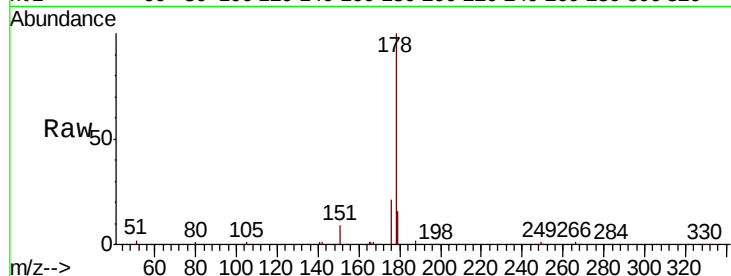
Tot Ion:178 Resp: 18578

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

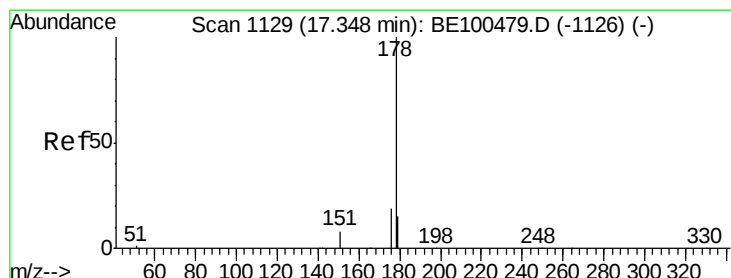
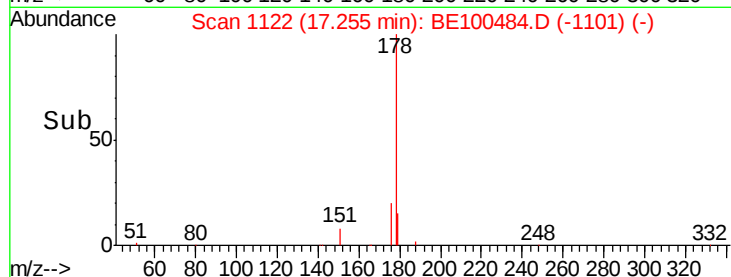
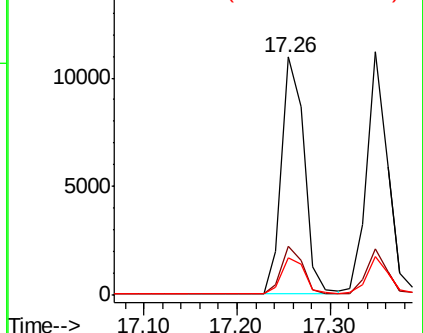
179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

15000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.378 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

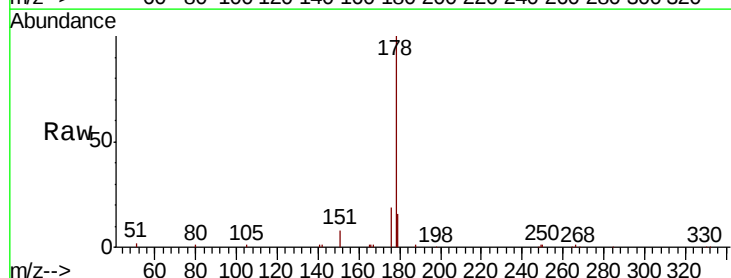
Tgt Ion:178 Resp: 17168

Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

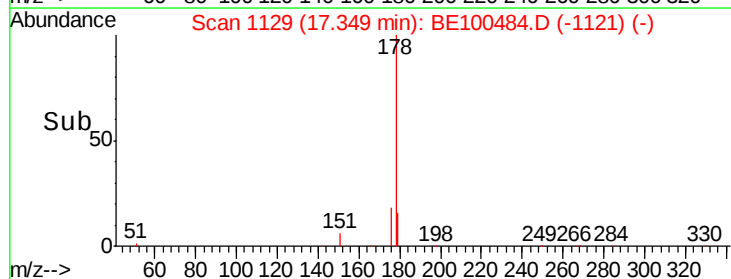
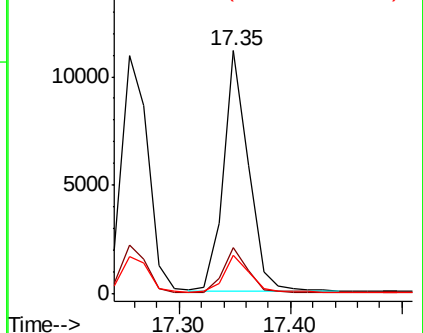
179 15.3 12.2 18.2

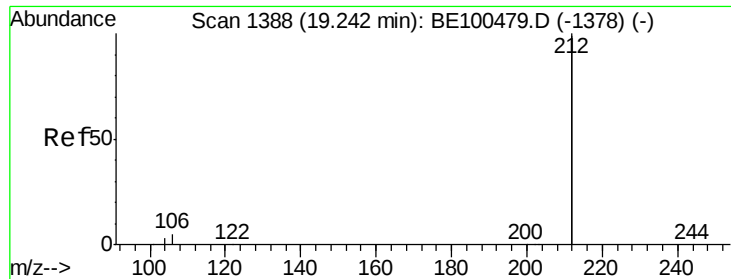


Abundance Ion 178.00 (177.70 to 178.70): E

15000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

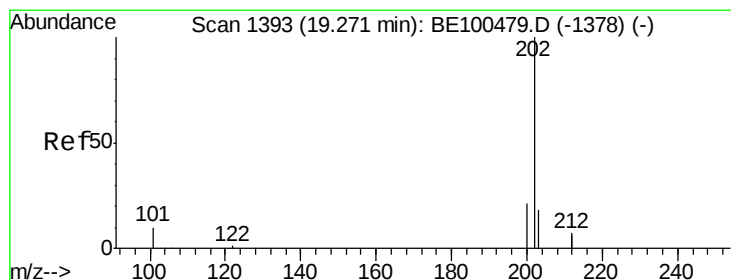
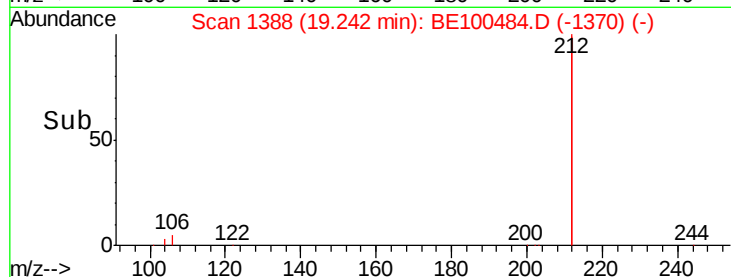
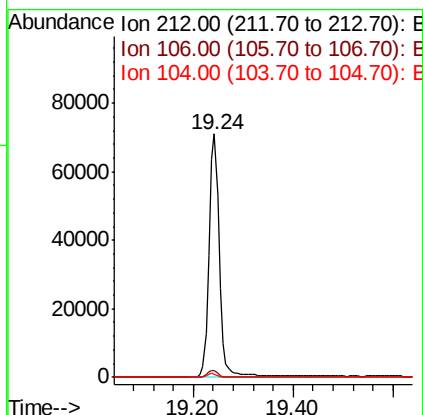
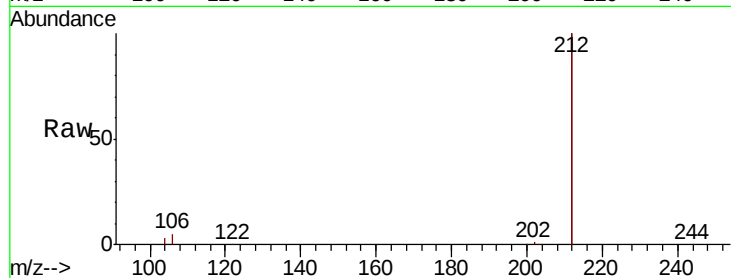




#25
 Fluoranthene-d10
 Concen: 0.377 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BE100484.D
 Acq: 22 Jul 2019 17:21

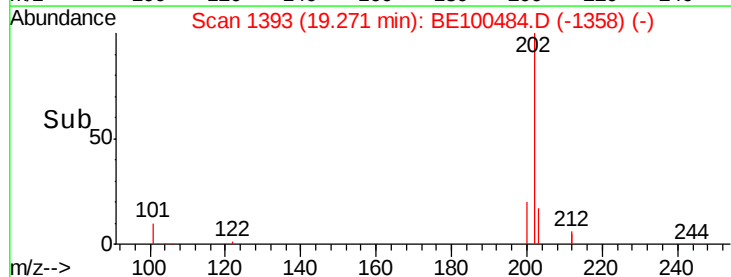
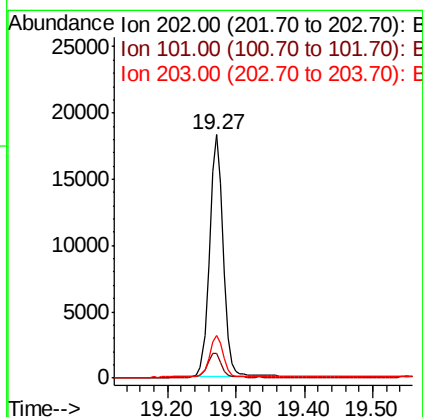
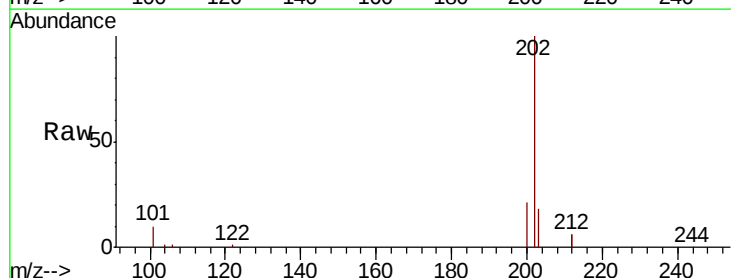
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE072219

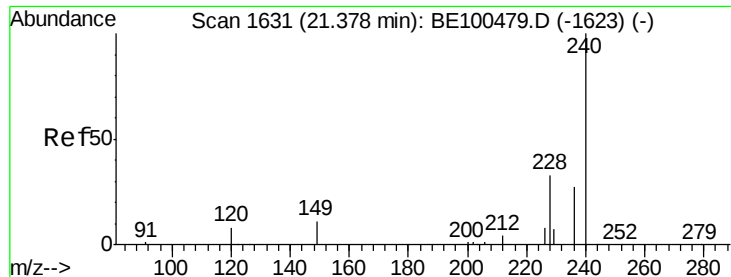
Tot Ion:212 Resp: 100575
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.2 3.4
 104 1.5 1.2 1.8



#26
 Fluoranthene
 Concen: 0.379 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BE100484.D
 Acq: 22 Jul 2019 17:21

Tgt Ion:202 Resp: 26011
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.0 12.0
 203 16.8 13.5 20.3

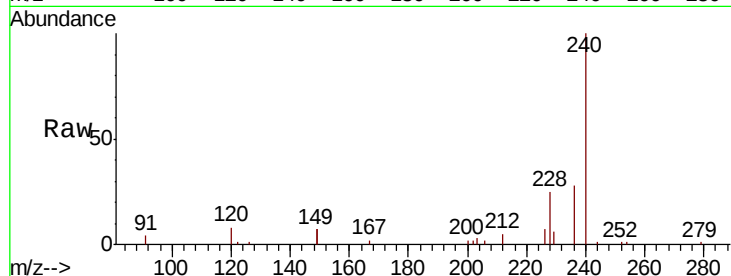




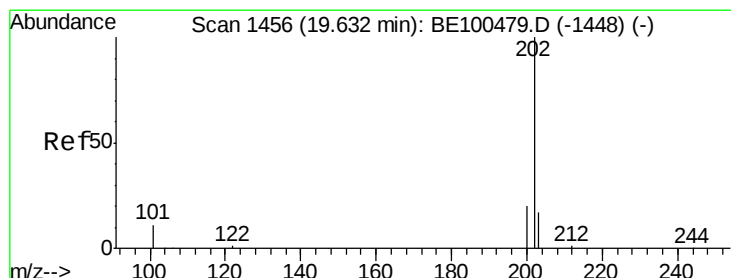
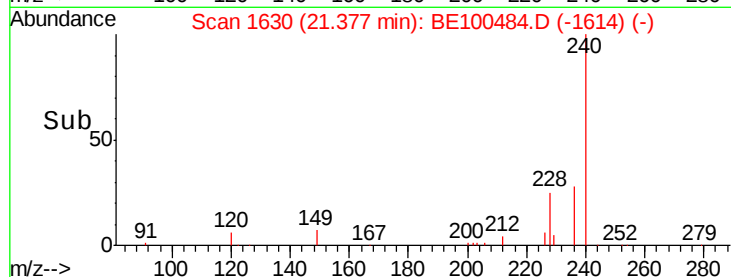
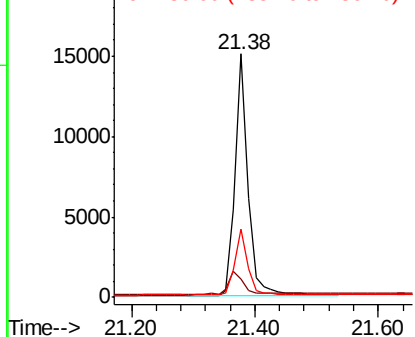
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Instrument :
BNA_E
ClientSampleId :
ICVBE072219

Tot Ion:240 Resp: 21746
Ion Ratio Lower Upper
240 100
120 7.6 8.2 12.2#
236 28.2 22.6 34.0

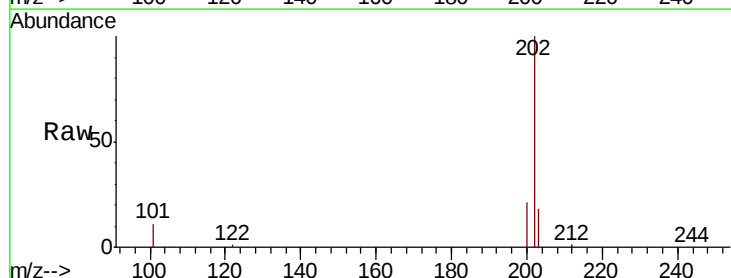


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

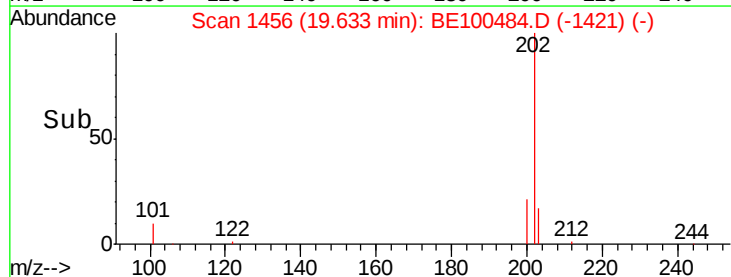
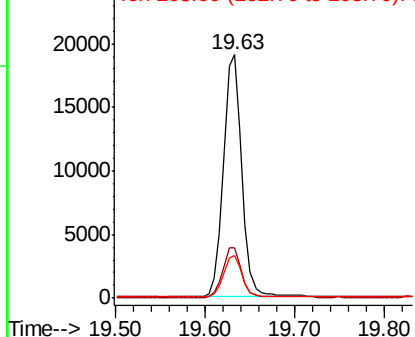


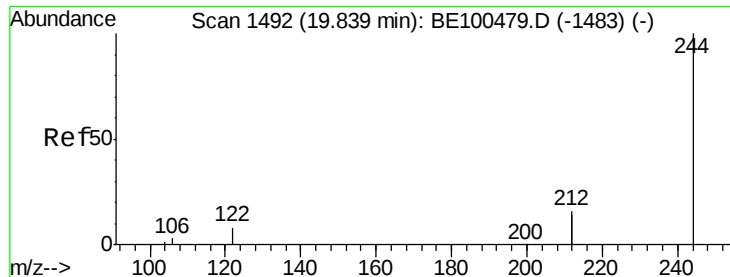
#28
Pyrene
Concen: 0.403 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE100484.D
Acq: 22 Jul 2019 17:21

Tgt Ion:202 Resp: 27307
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.6 14.1 21.1



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: 0.400 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

Instrument :

BNA_E

ClientSampleId :

ICVBE072219

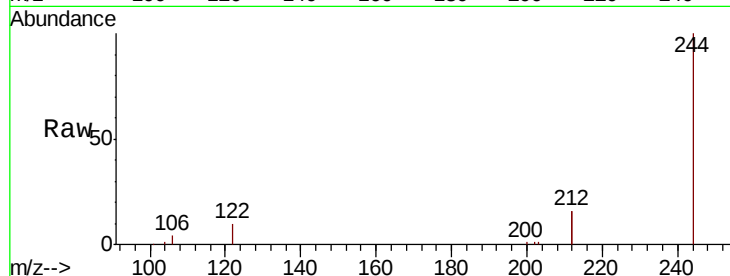
Tot Ion:244 Resp: 21487

Ion Ratio Lower Upper

244 100

212 31.7 25.6 38.4

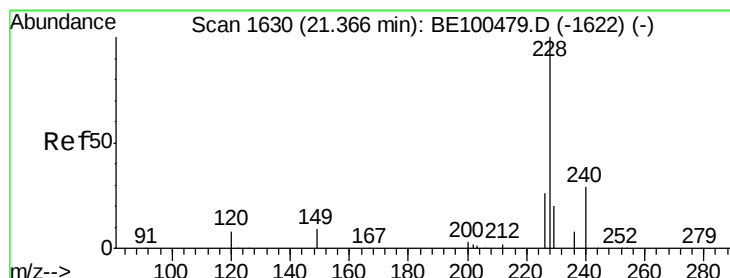
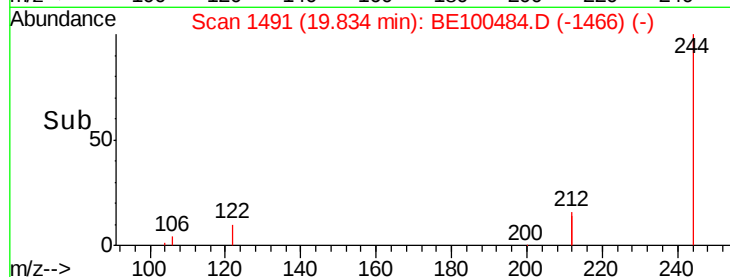
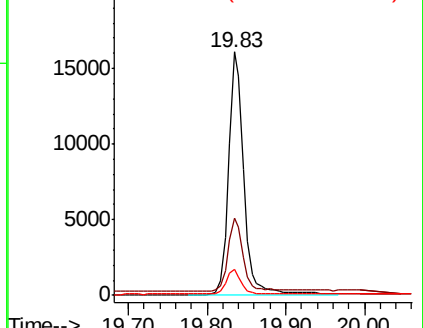
122 10.4 7.2 10.8



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: 0.397 ng

RT: 21.37 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

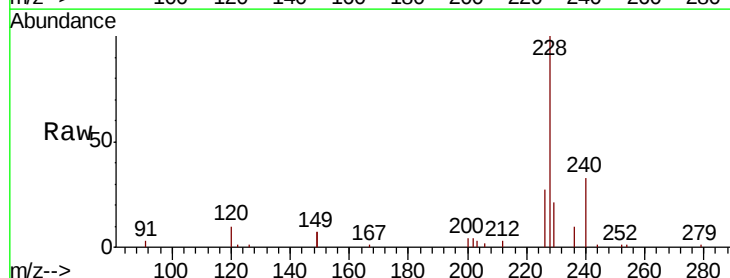
Tgt Ion:228 Resp: 26334

Ion Ratio Lower Upper

228 100

226 26.7 21.4 32.2

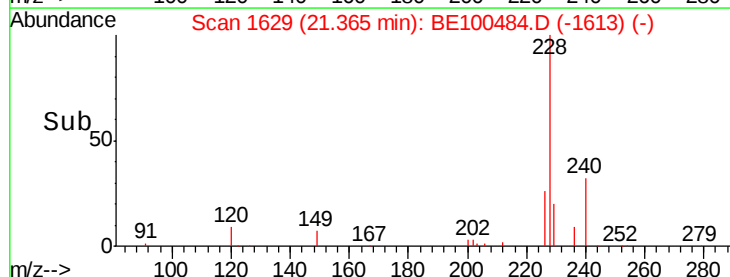
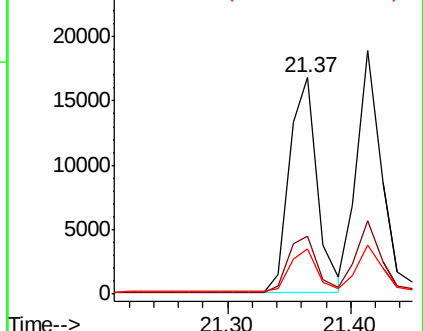
229 20.7 17.3 25.9

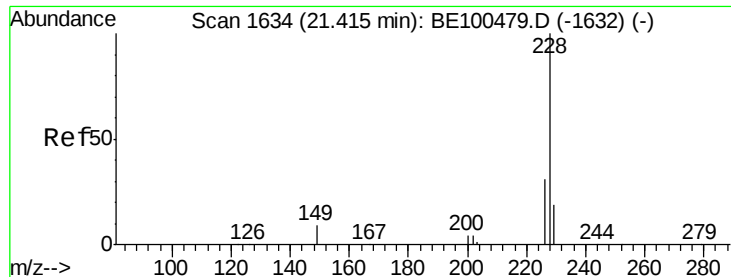


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.397 ng

RT: 21.41 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

Instrument :

BNA_E

ClientSampleId :

ICVBE072219

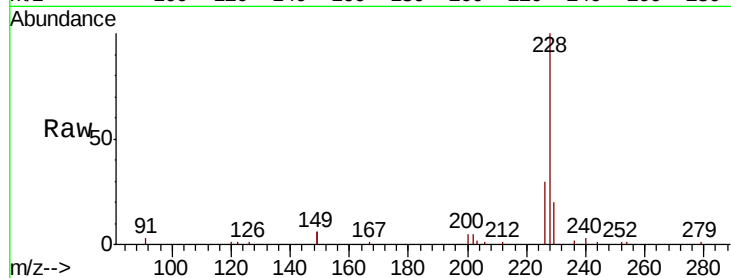
Tot Ion:228 Resp: 26013

Ion Ratio Lower Upper

228 100

226 30.1 25.0 37.6

229 20.3 16.7 25.1

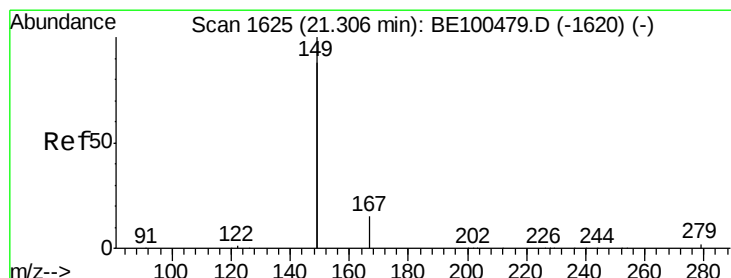
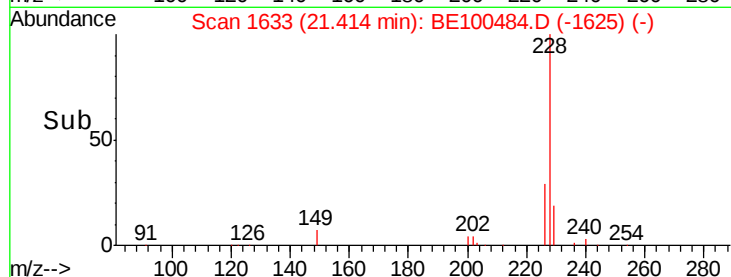
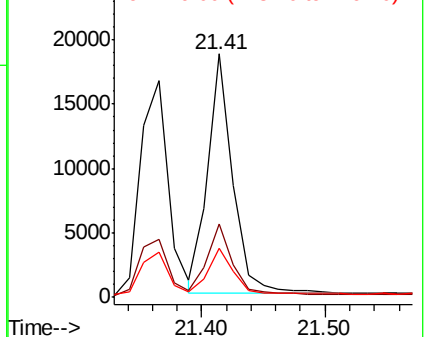


Abundance

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: 0.392 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

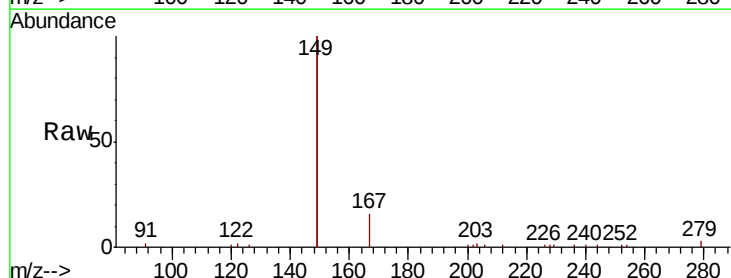
Tgt Ion:149 Resp: 59694

Ion Ratio Lower Upper

149 100

167 7.5 5.9 8.9

279 1.1 1.0 1.6

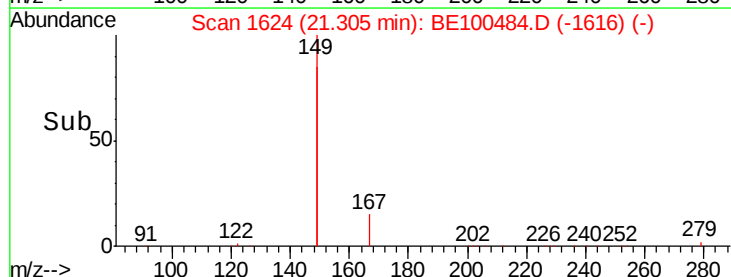
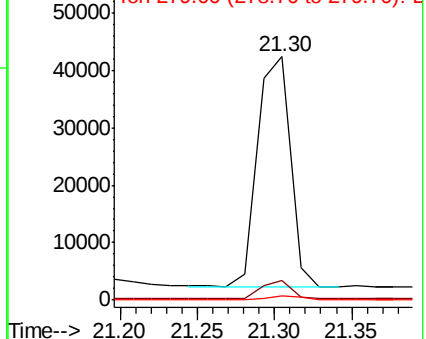


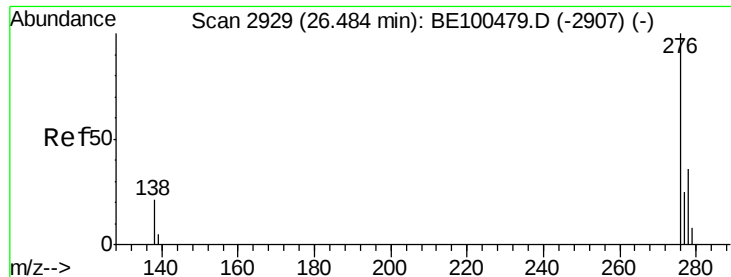
Abundance

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

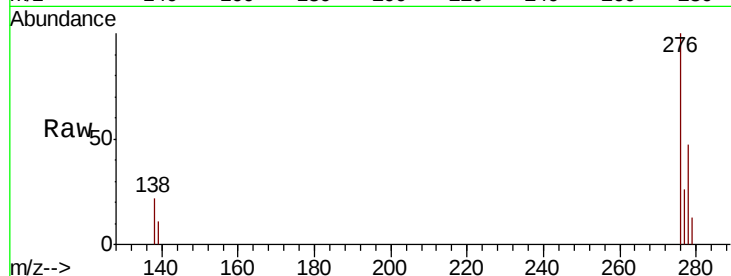




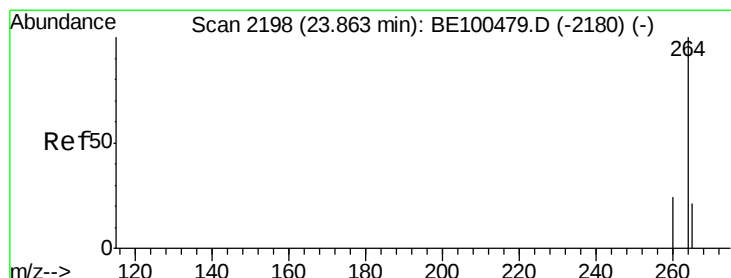
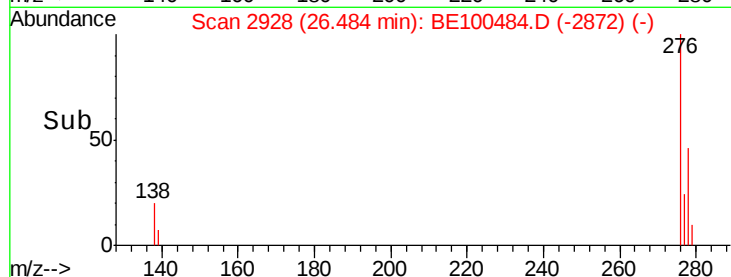
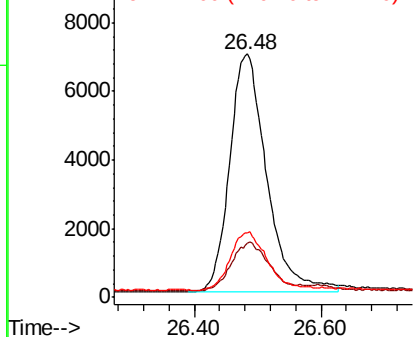
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.394 ng
 RT: 26.48 min Scan# 2928
 Delta R.T. 0.00 min
 Lab File: BE100484.D
 Acq: 22 Jul 2019 17:21

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE072219

Tot Ion:276 Resp: 28142
 Ion Ratio Lower Upper
 276 100
 138 21.0 16.6 25.0
 277 24.4 19.1 28.7

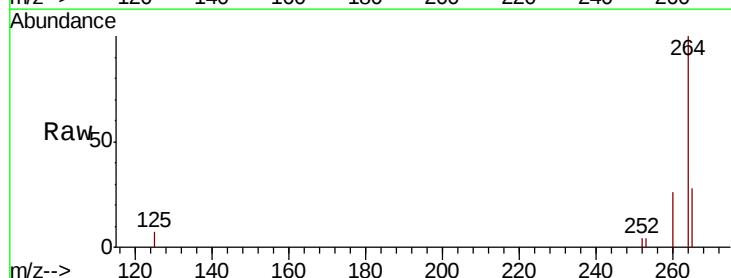


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

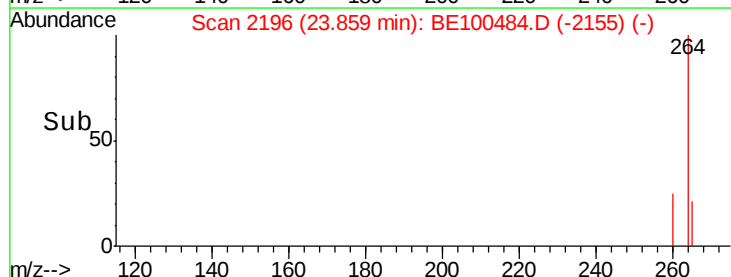
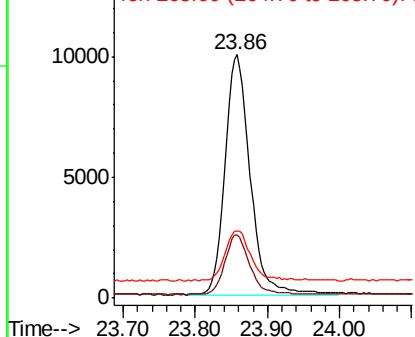


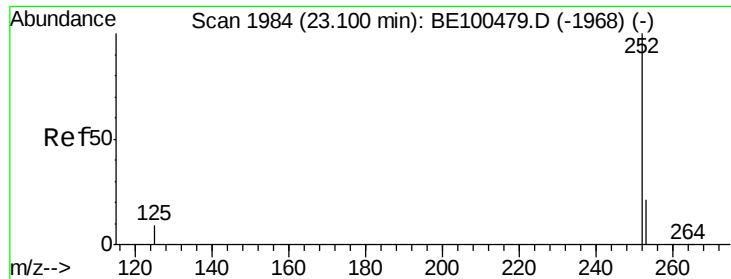
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BE100484.D
 Acq: 22 Jul 2019 17:21

Tgt Ion:264 Resp: 23565
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.7 31.1
 265 27.8 23.4 35.2



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: 0.379 ng

RT: 23.10 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

Instrument :

BNA_E

ClientSampleId :

ICVBE072219

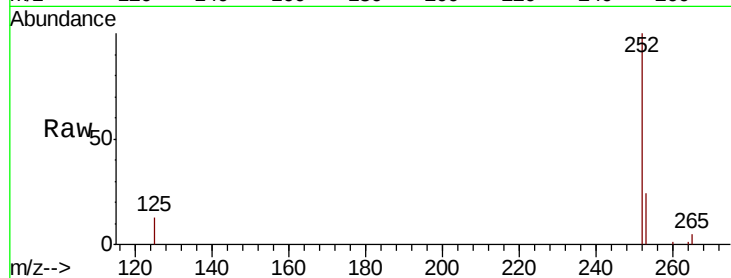
Tot Ion:252 Resp: 24457

Ion Ratio Lower Upper

252 100

253 23.9 19.2 28.8

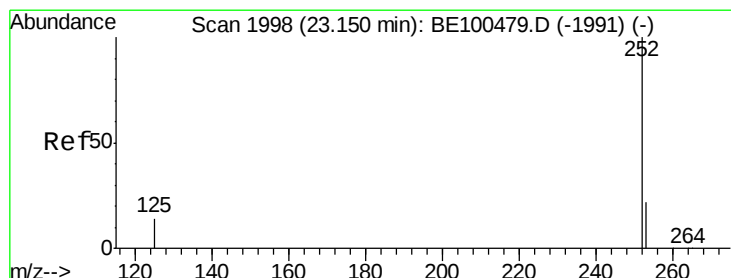
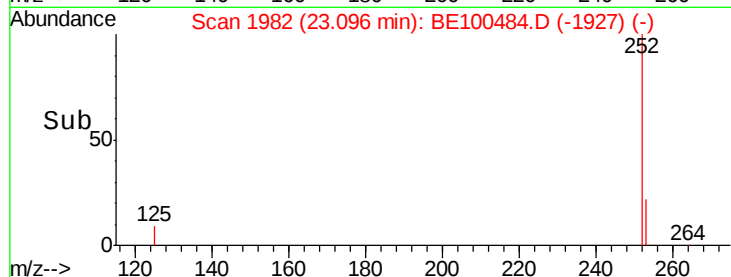
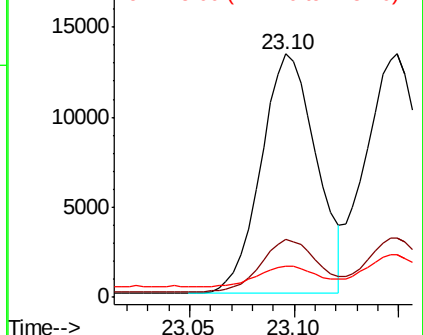
125 13.0 11.9 17.9



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: 0.404 ng

RT: 23.15 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

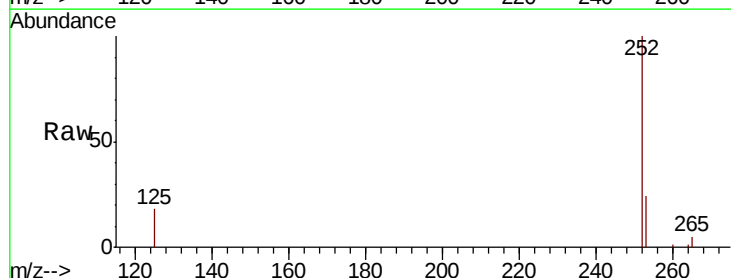
Tgt Ion:252 Resp: 27352

Ion Ratio Lower Upper

252 100

253 24.3 19.7 29.5

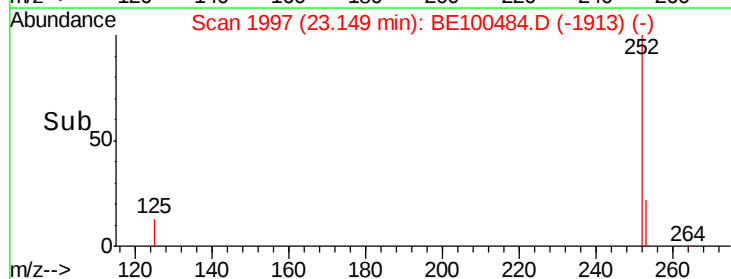
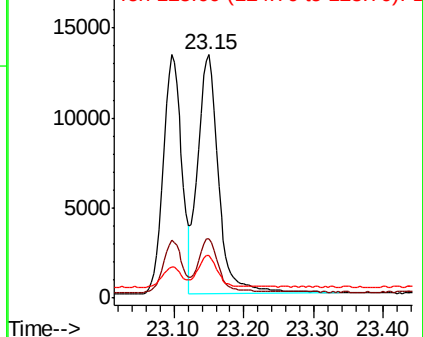
125 17.8 15.2 22.8

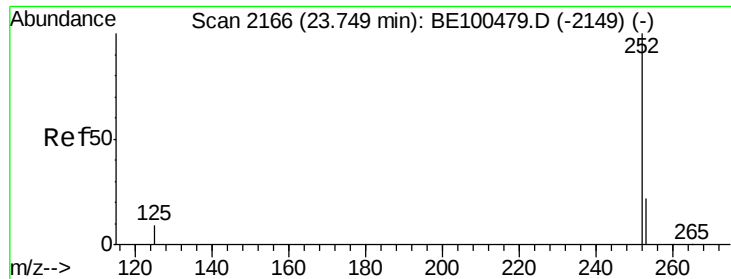


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.391 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

Instrument :

BNA_E

ClientSampleId :

ICVBE072219

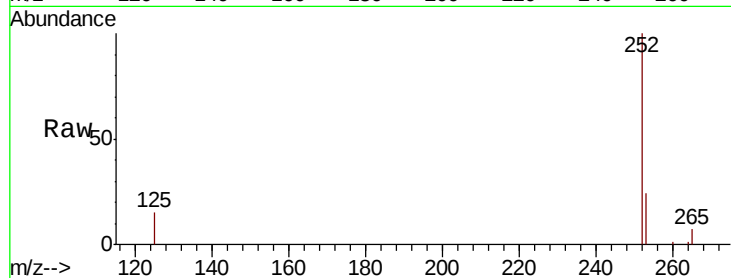
Tot Ion:252 Resp: 24531

Ion Ratio Lower Upper

252 100

253 24.4 20.0 30.0

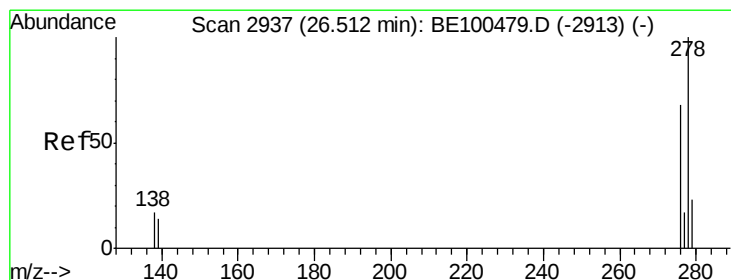
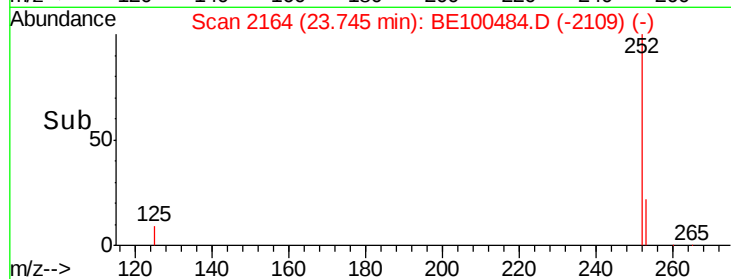
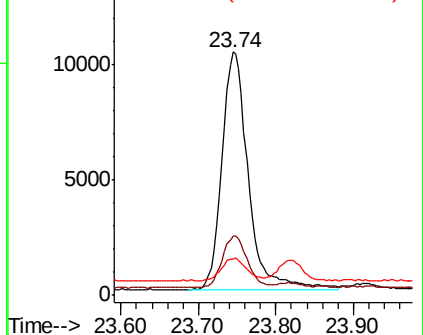
125 14.9 14.1 21.1



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: 0.387 ng

RT: 26.51 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

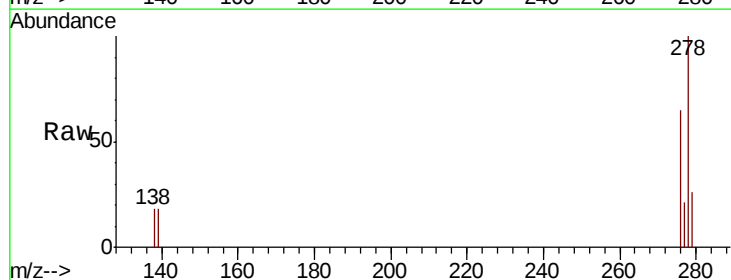
Tgt Ion:278 Resp: 22930

Ion Ratio Lower Upper

278 100

139 17.8 16.8 25.2

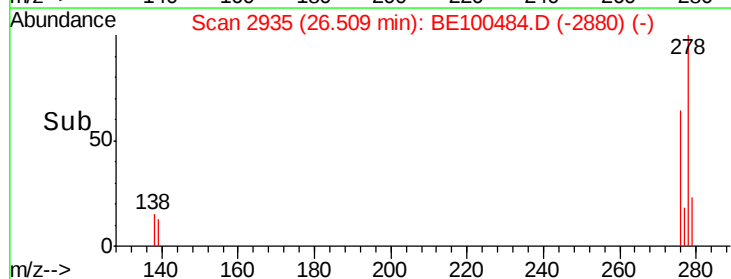
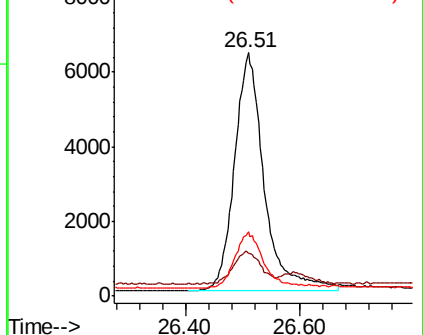
279 26.3 21.8 32.8

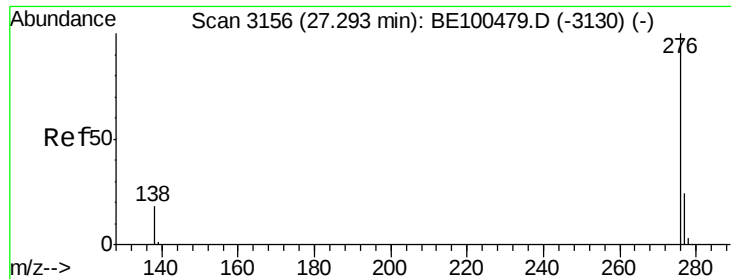


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.390 ng

RT: 27.28 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BE100484.D

Acq: 22 Jul 2019 17:21

Instrument :

BNA_E

ClientSampleId :

ICVBE072219

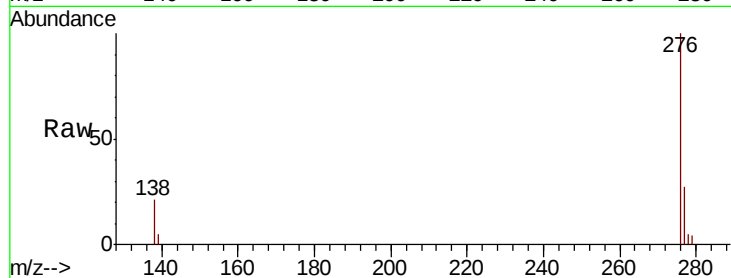
Tot Ion: 276 Resp: 23674

Ion Ratio Lower Upper

276 100

277 26.9 22.0 33.0

138 20.8 17.3 25.9



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

