

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
 Data File : BE100481.D
 Acq On : 22 Jul 2019 15:04
 Operator : HP/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 22 16:45:43 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 15:44:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2555	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	10713	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	7148	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	18524	0.40	ng	0.00
27) Chrysene-d12	21.38	240	21688	0.40	ng	0.00
34) Perylene-d12	23.86	264	22975	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	10376	1.63	ng	0.00
5) Phenol-d6	7.03	99	15054	1.69	ng	0.00
8) Nitrobenzene-d5	9.02	82	14595	1.69	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	28773	1.67	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	5286	1.76	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	45682	1.55	ng	0.00
25) Fluoranthene-d10	19.24	212	412489	1.59	ng	0.00
29) Terphenyl-d14	19.83	244	87205	1.74	ng	0.00

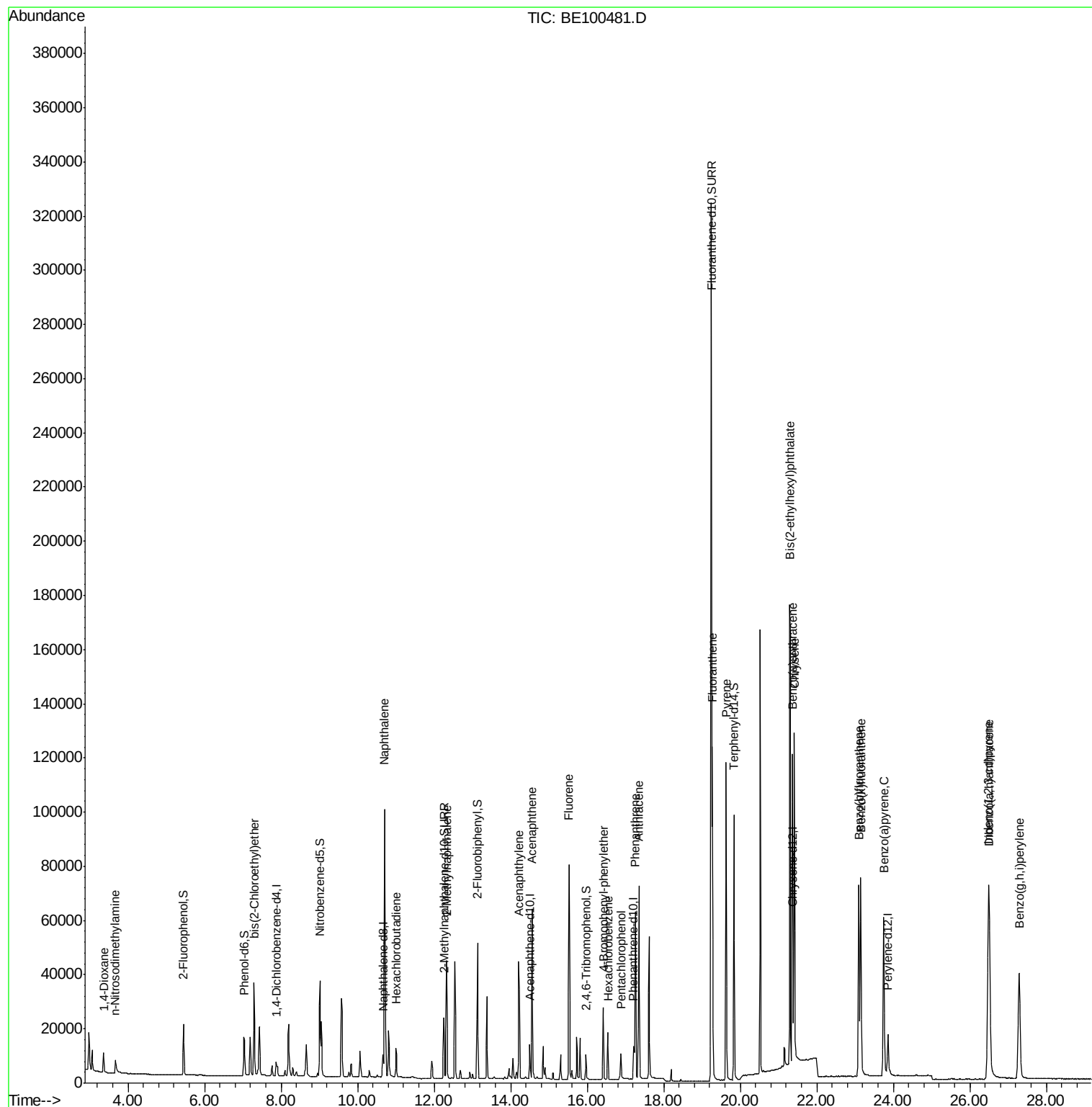
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	5673	1.445	ng	95
3) n-Nitrosodimethylamine	3.67	42	3973	1.751	ng	# 96
6) bis(2-Chloroethyl)ether	7.29	93	12615	1.631	ng	100
9) Naphthalene	10.71	128	167694	1.636	ng	100
10) Hexachlorobutadiene	11.00	225	7884	1.604	ng	98
12) 2-Methylnaphthalene	12.32	142	30262	1.693	ng	99
16) Acenaphthylene	14.21	152	54130	1.648	ng	99
17) Acenaphthene	14.56	154	32143	1.609	ng	98
18) Fluorene	15.53	166	43421	1.634	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	14784	1.729	ng	96
21) Hexachlorobenzene	16.54	284	15112	1.696	ng	97
22) Pentachlorophenol	16.88	266	6545	1.814	ng	96
23) Phenanthrene	17.25	178	75167	1.640	ng	100
24) Anthracene	17.35	178	73120	1.708	ng	99
26) Fluoranthene	19.27	202	107345	1.576	ng	99
28) Pyrene	19.63	202	111836	1.754	ng	100
30) Benzo(a)anthracene	21.37	228	111294	1.682	ng	98
31) Chrysene	21.41	228	107223	1.625	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	237037	1.614	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.48	276	117991	1.654	ng	98
35) Benzo(b)fluoranthene	23.10	252	102598	1.616	ng	# 94
36) Benzo(k)fluoranthene	23.15	252	110989	1.645	ng	# 89
37) Benzo(a)pyrene	23.75	252	100559	1.642	ng	# 91
38) Dibenzo(a,h)anthracene	26.51	278	95981	1.664	ng	# 92
39) Benzo(g,h,i)perylene	27.29	276	97132	1.635	ng	95

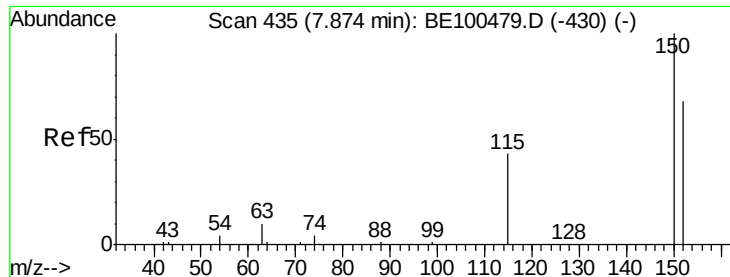
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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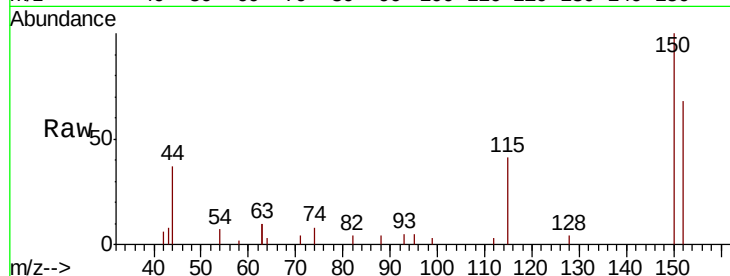


#1

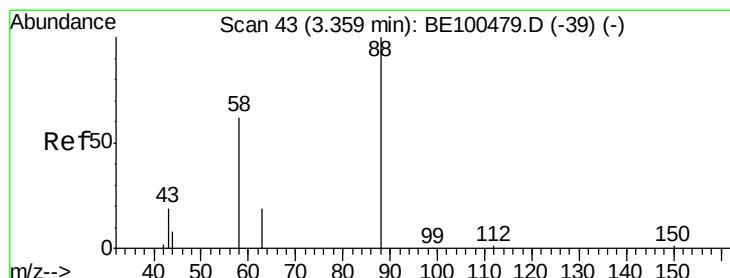
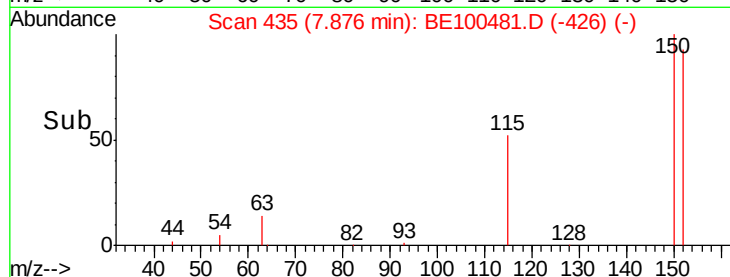
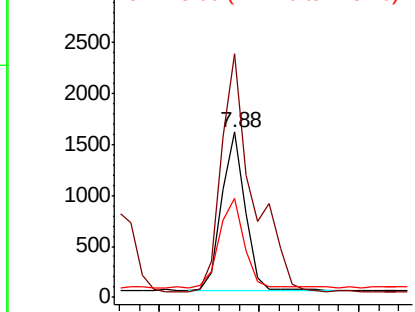
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2555
Ion Ratio Lower Upper
152 100
150 147.5 115.0 172.6
115 60.0 52.9 79.3



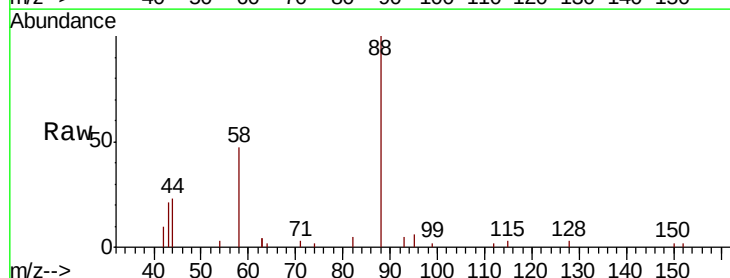
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



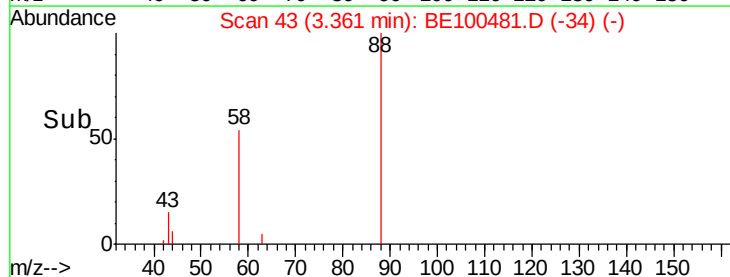
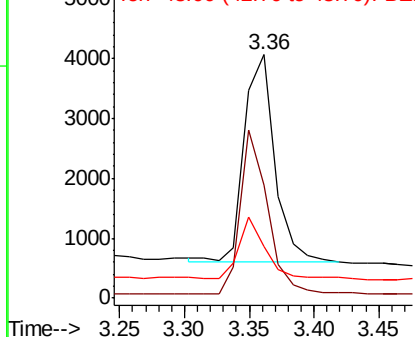
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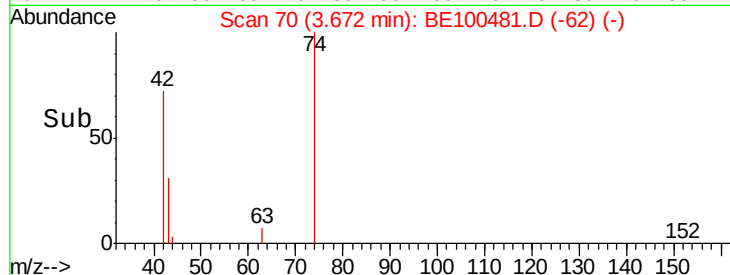
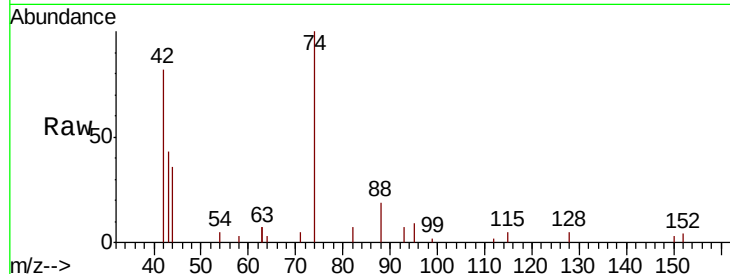
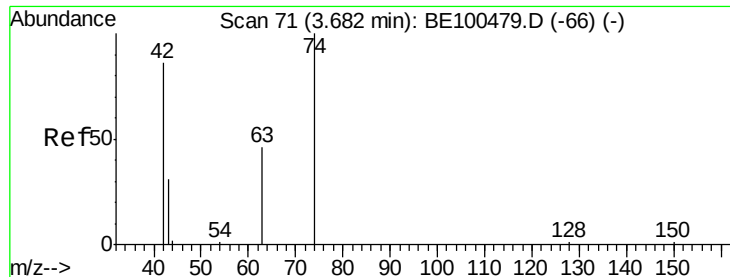
1,4-Dioxane
Concen: 1.445 ng
RT: 3.36 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion: 88 Resp: 5673
Ion Ratio Lower Upper
88 100
58 70.7 53.2 79.8
43 24.6 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

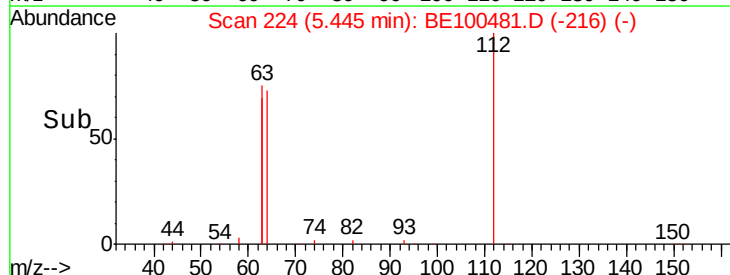
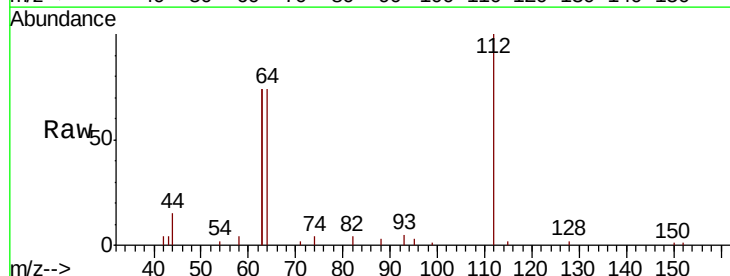
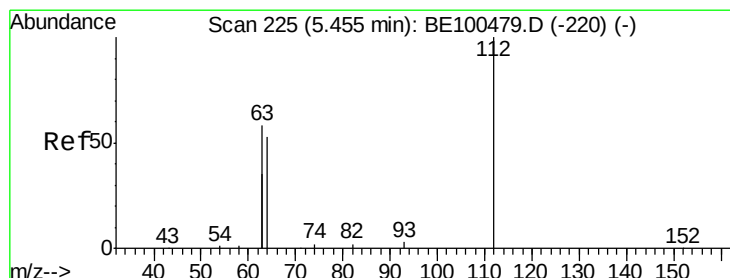
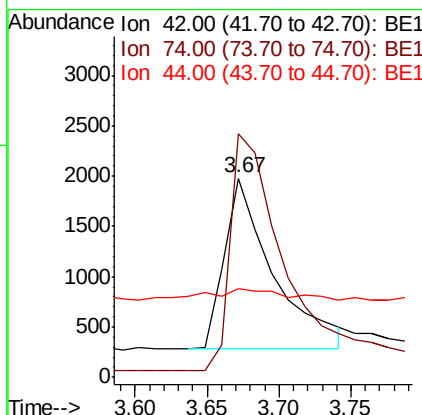




#3
n-Nitrosodimethylamine
Concen: 1.751 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.01 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

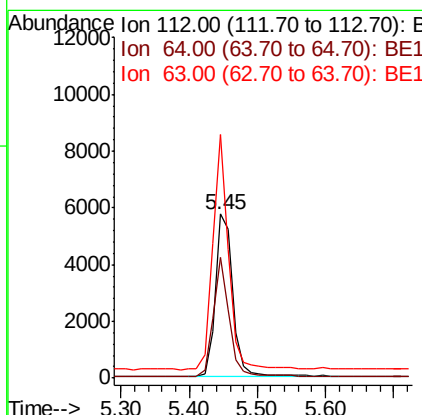
Instrument :
BNA_E
ClientSampleId :

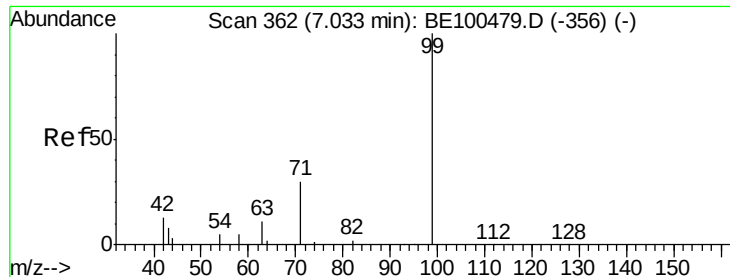
Tot Ion: 42 Resp: 3973
Ion Ratio Lower Upper
42 100
74 149.6 0.0 0.0#
44 10.5 9.6 14.4



#4
2-Fluorophenol
Concen: 1.632 ng
RT: 5.45 min Scan# 224
Delta R.T. -0.01 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion: 112 Resp: 10376
Ion Ratio Lower Upper
112 100
64 66.3 54.1 81.1
63 129.3 104.6 157.0





#5

Phenol-d6

Concen: 1.686 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

Instrument :

BNA_E

ClientSampled :

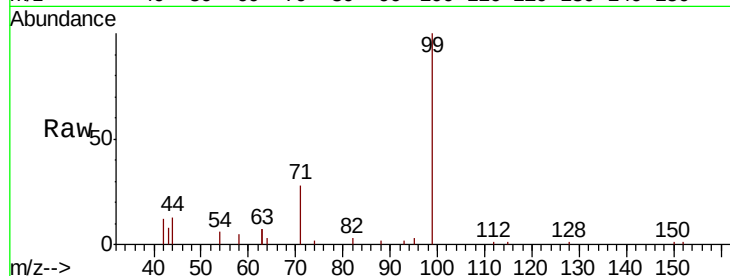
Tot Ion: 99 Resp: 15054

Ion Ratio Lower Upper

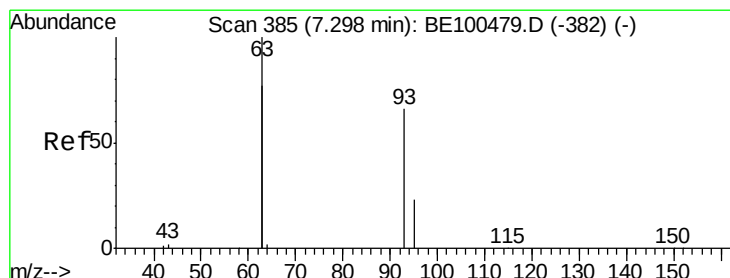
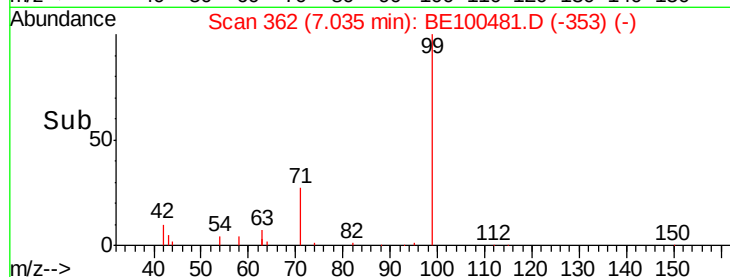
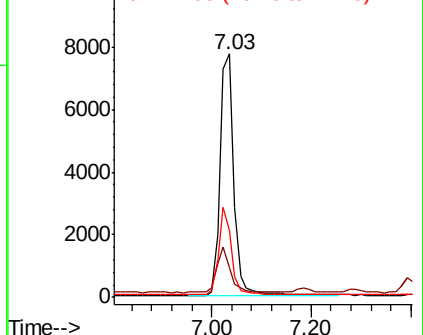
99 100

42 17.6 14.5 21.7

71 32.9 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: 1.631 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

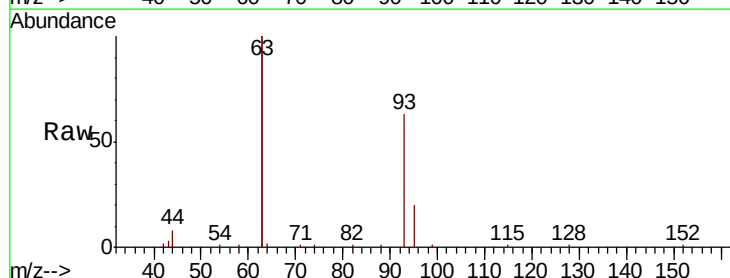
Tgt Ion: 93 Resp: 12615

Ion Ratio Lower Upper

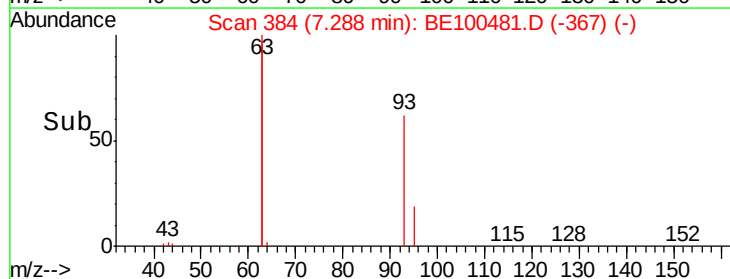
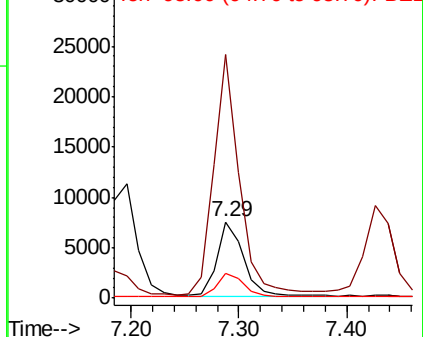
93 100

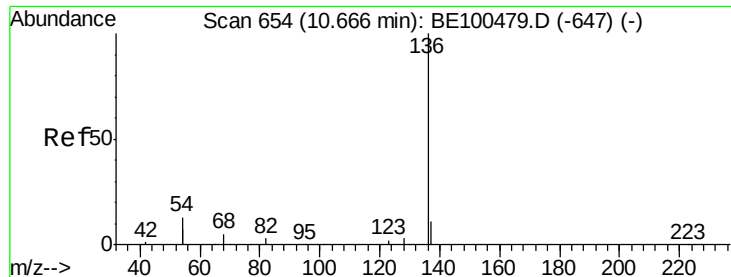
63 309.9 248.3 372.5

95 32.3 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: BE100481.D

Acq: 22 Jul 2019 15:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 10713

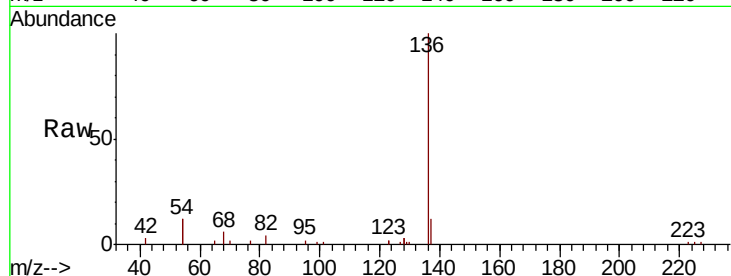
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.6

54 24.3 20.6 31.0

68 6.3 5.3 7.9

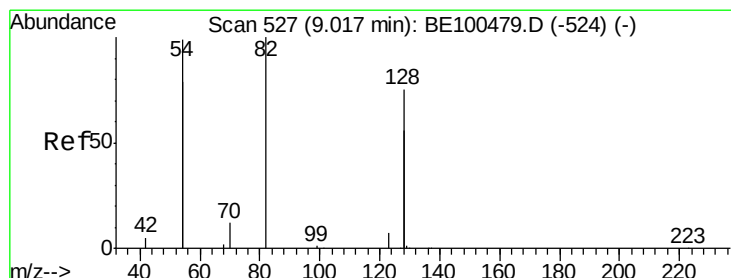
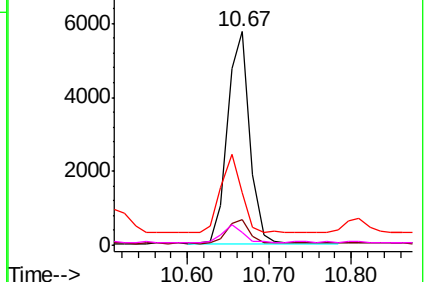
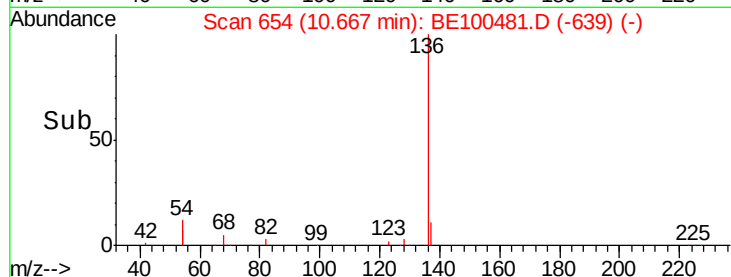


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.686 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

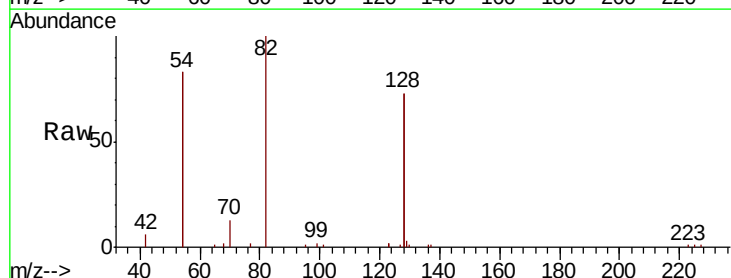
Tgt Ion: 82 Resp: 14595

Ion Ratio Lower Upper

82 100

128 146.9 113.6 170.4

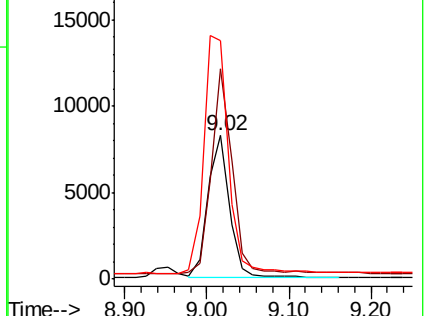
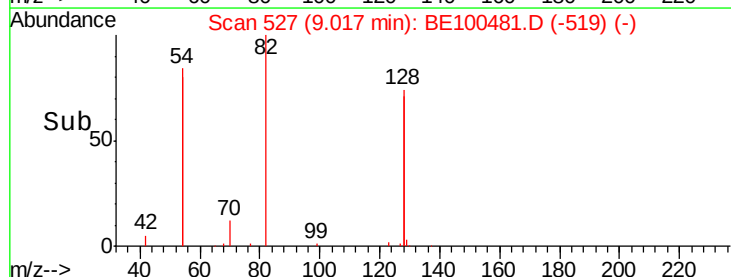
54 166.0 150.6 226.0

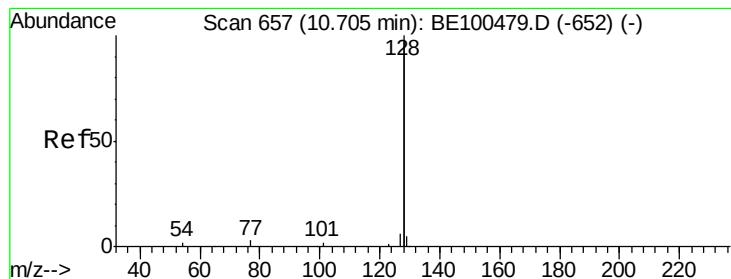


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1.636 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

Instrument :

BNA_E

ClientSampleId :

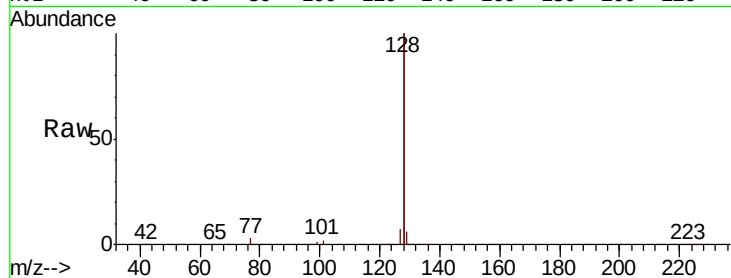
Tot Ion:128 Resp: 167694

Ion Ratio Lower Upper

128 100

129 2.8 2.3 3.5

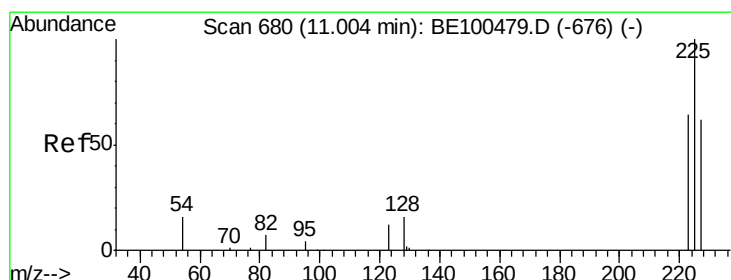
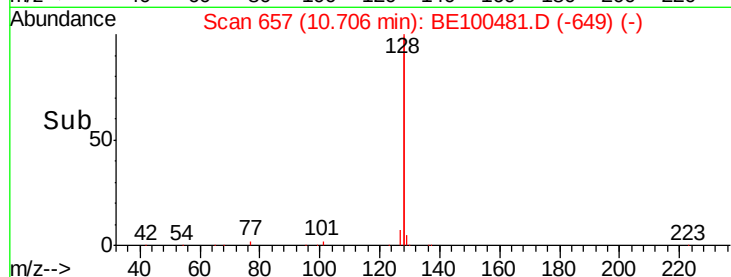
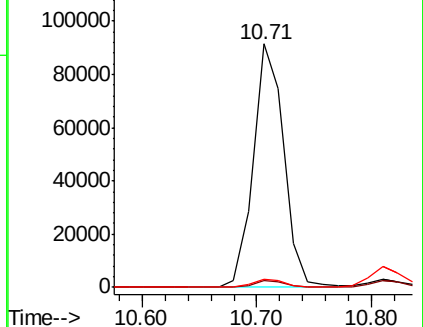
127 3.4 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.604 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

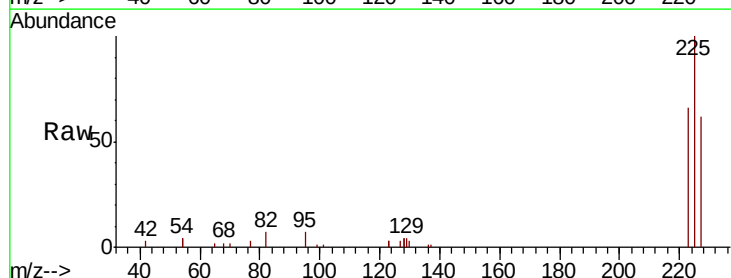
Tgt Ion:225 Resp: 7884

Ion Ratio Lower Upper

225 100

223 63.2 49.4 74.0

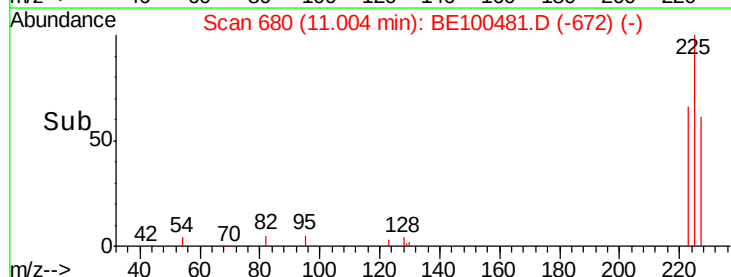
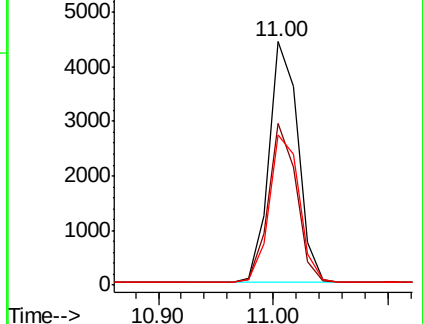
227 63.0 51.4 77.2

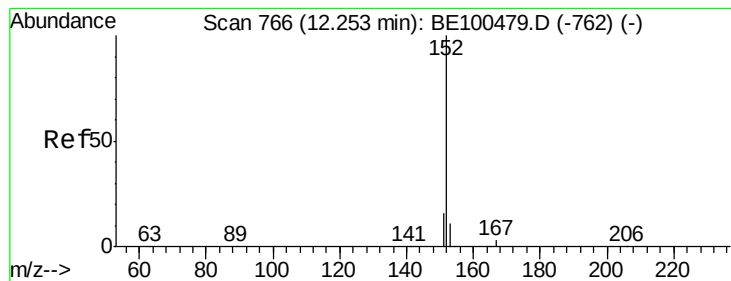


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

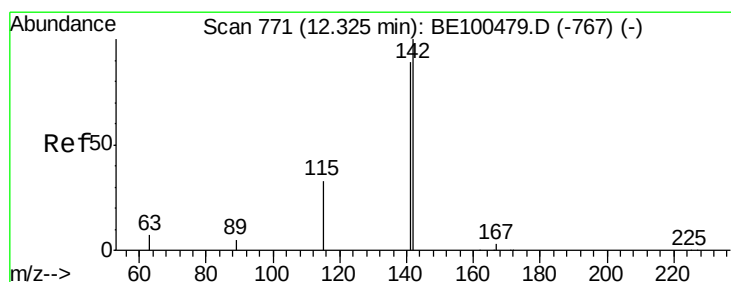
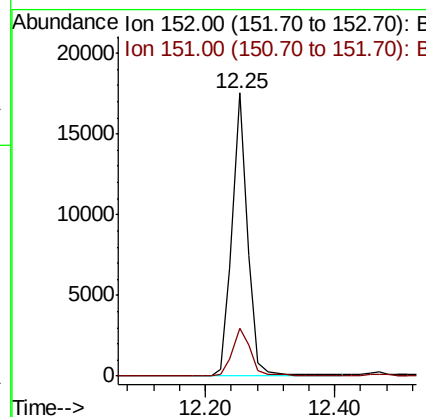
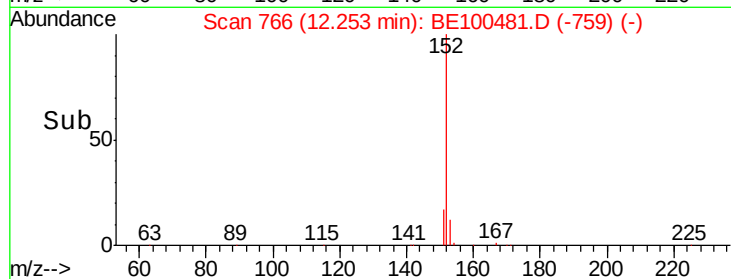
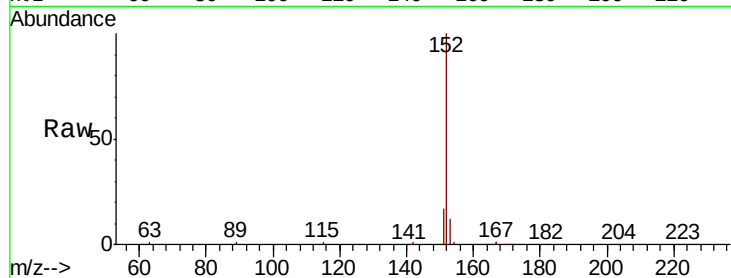




#11
 2-Methylnaphthalene-d10
 Concen: 1.672 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BE100481.D
 Acq: 22 Jul 2019 15:04

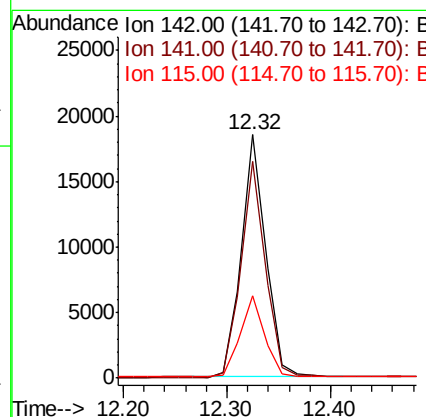
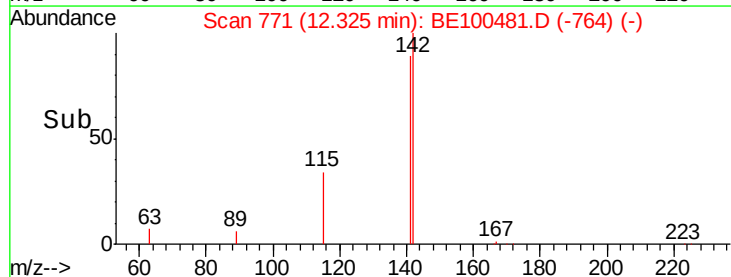
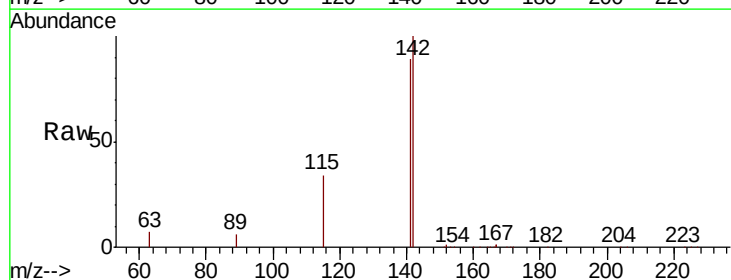
Instrument :
 BNA_E
 ClientSampleId :

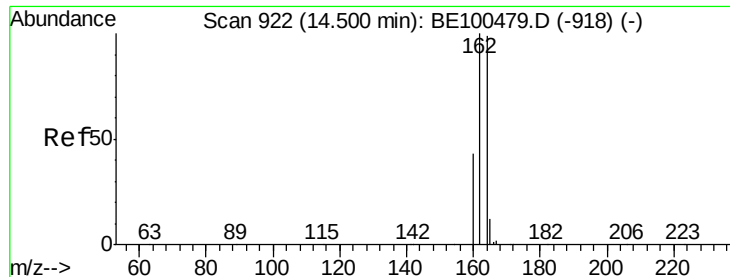
Tot Ion:152 Resp: 28773
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 1.693 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BE100481.D
 Acq: 22 Jul 2019 15:04

Tgt Ion:142 Resp: 30262
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.7 107.5
 115 34.0 27.8 41.6

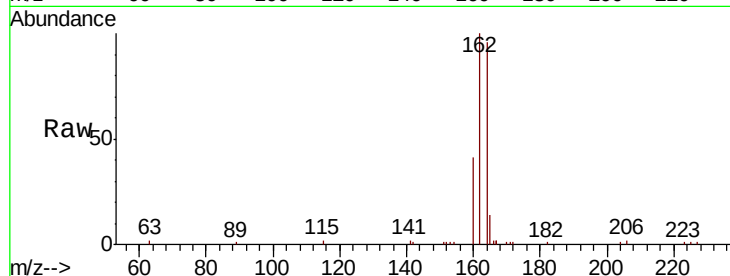




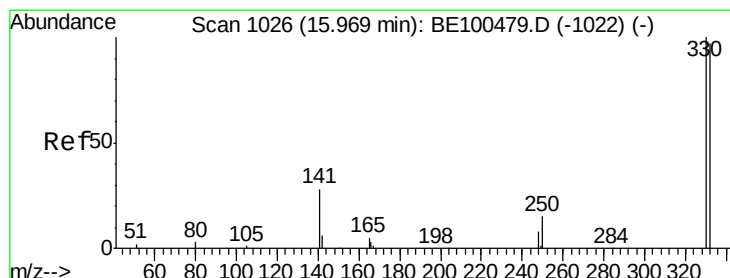
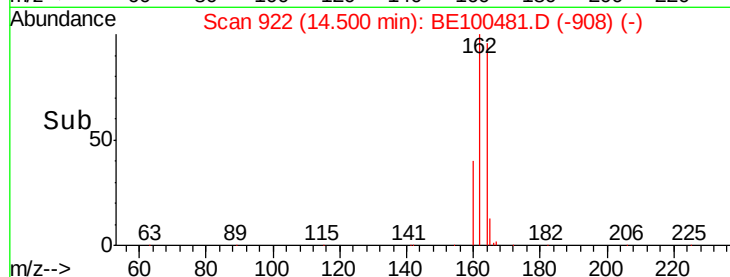
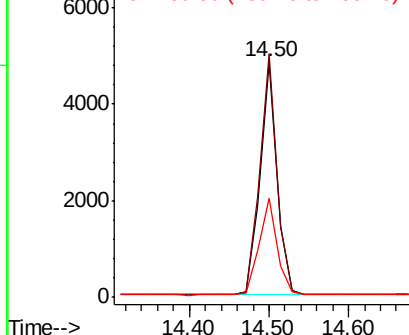
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 7148
Ion Ratio Lower Upper
164 100
162 103.8 80.8 121.2
160 42.3 34.9 52.3

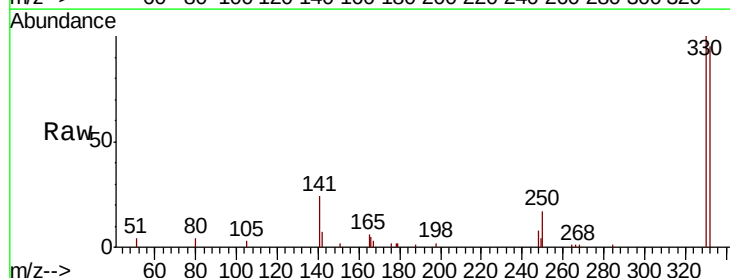


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

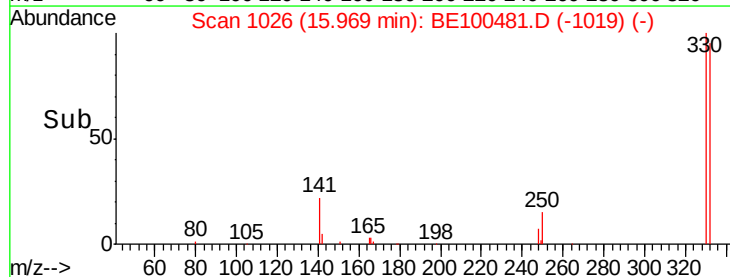
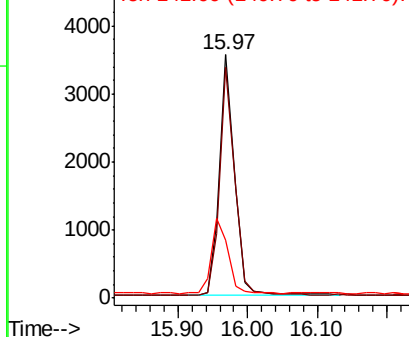


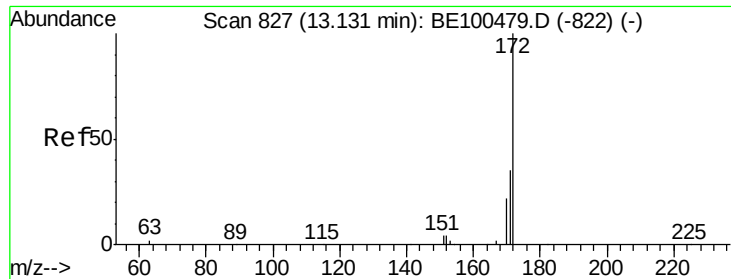
#14
2,4,6-Tribromophenol
Concen: 1.761 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:330 Resp: 5286
Ion Ratio Lower Upper
330 100
332 95.1 80.5 120.7
141 34.8 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

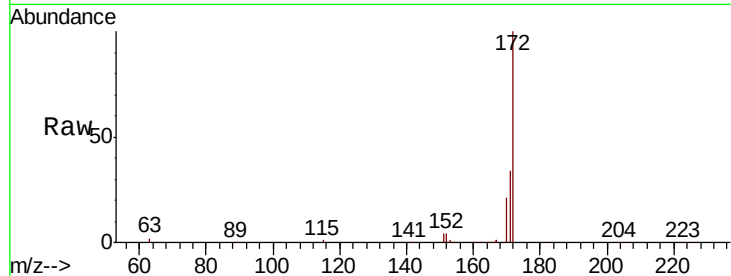




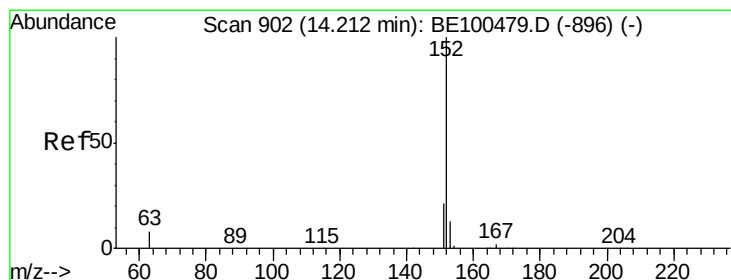
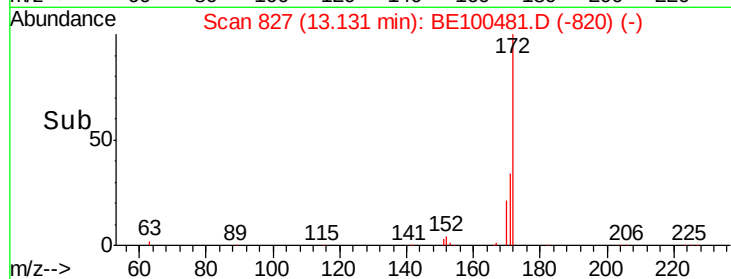
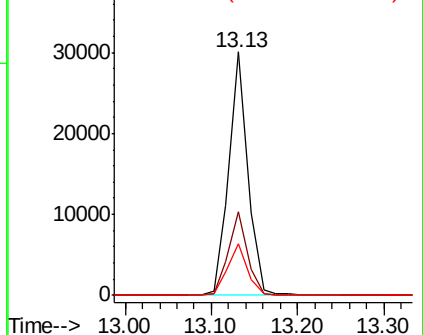
#15
2-Fluorobiphenyl
Concen: 1.553 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 45682
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.2
170 21.0 17.8 26.8

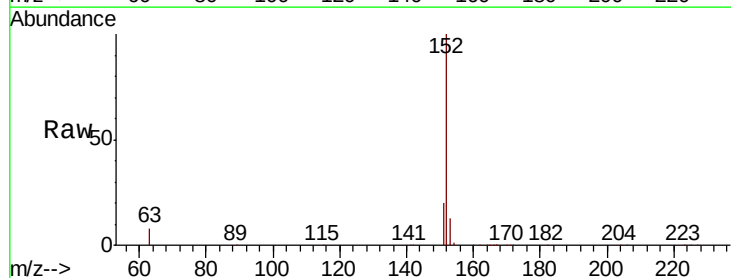


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

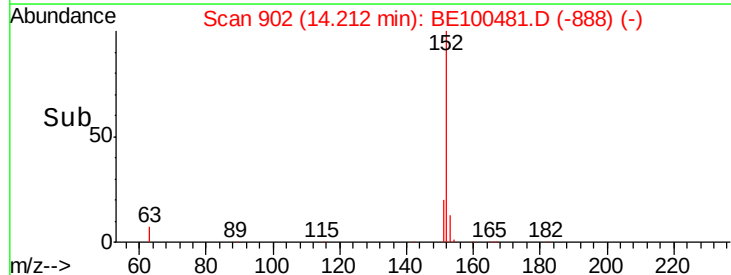
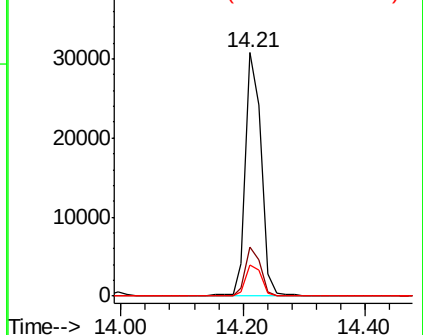


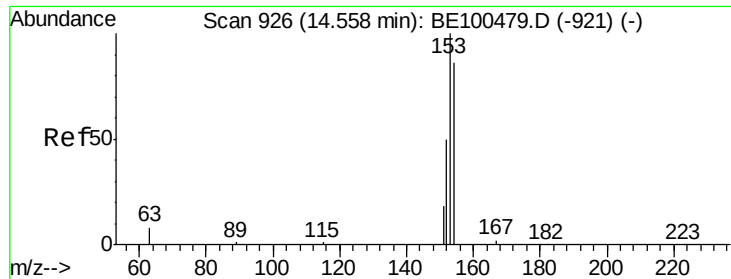
#16
Acenaphthylene
Concen: 1.648 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:152 Resp: 54130
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.0 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

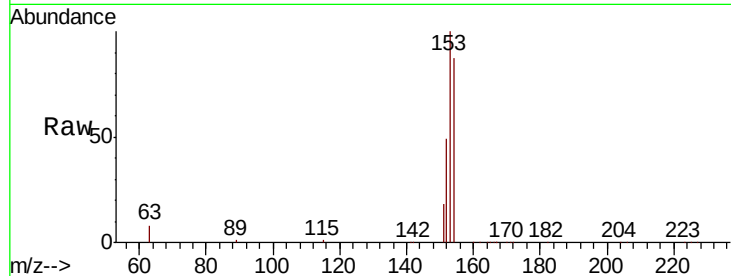




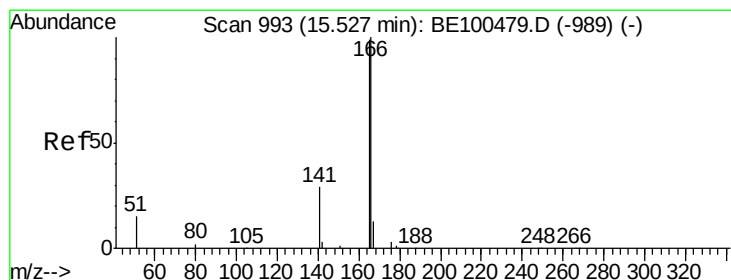
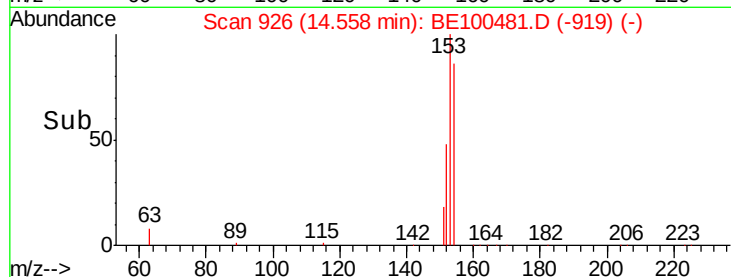
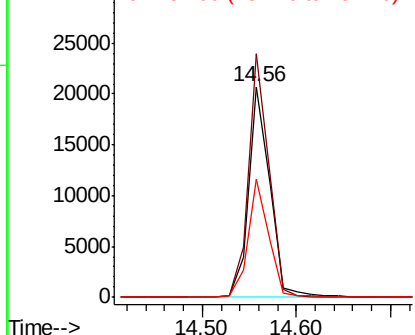
#17
Acenaphthene
Concen: 1.609 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 32143
Ion Ratio Lower Upper
154 100
153 111.7 90.8 136.2
152 54.0 45.1 67.7

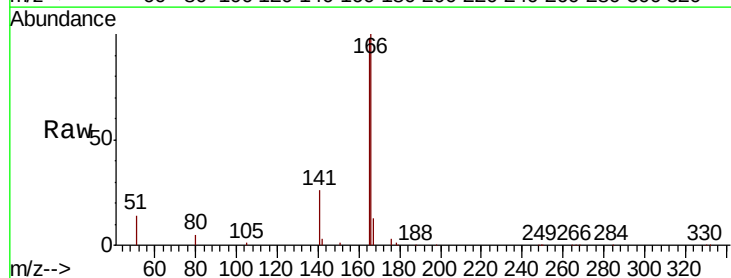


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

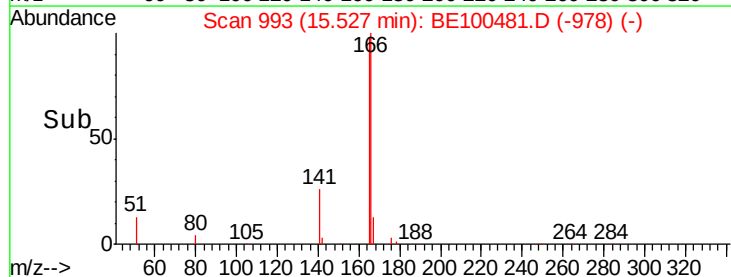
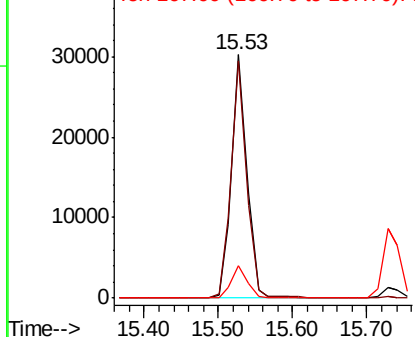


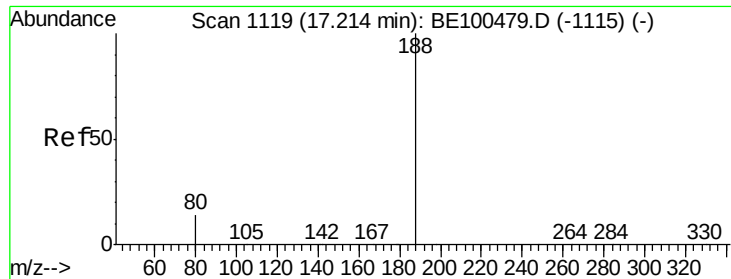
#18
Fluorene
Concen: 1.634 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:166 Resp: 43421
Ion Ratio Lower Upper
166 100
165 97.7 78.3 117.5
167 13.3 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: BE100481.D

Acq: 22 Jul 2019 15:04

Instrument :

BNA_E

ClientSampleId :

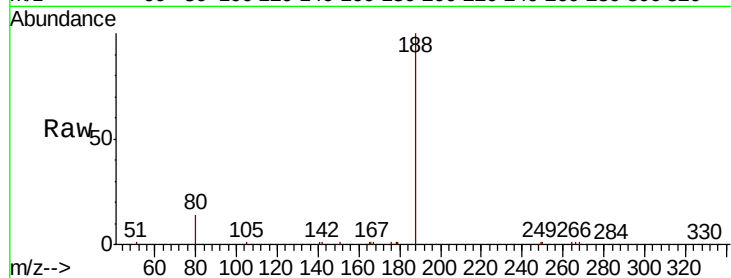
Tot Ion:188 Resp: 18524

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

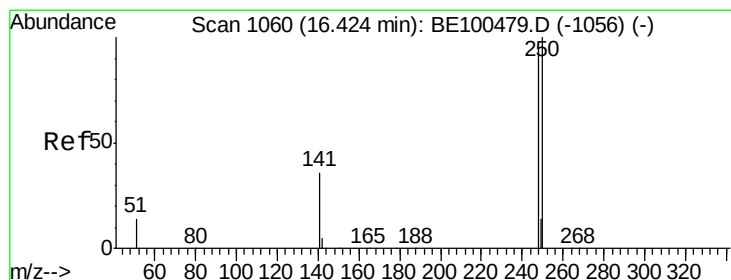
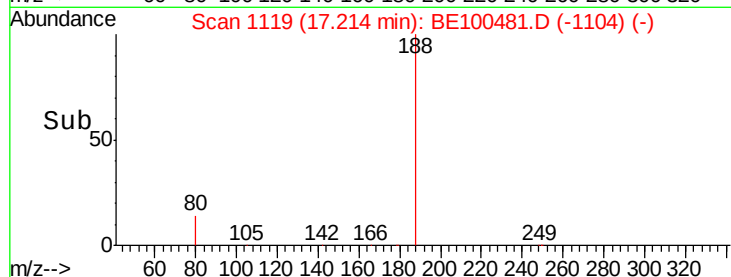
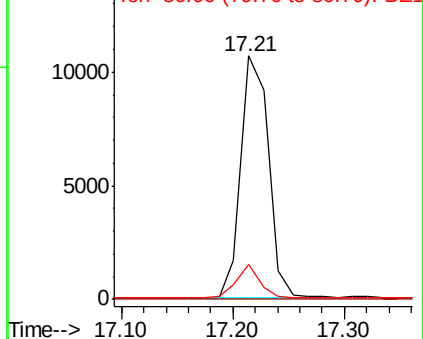
80 14.3 11.9 17.9



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: 1.729 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

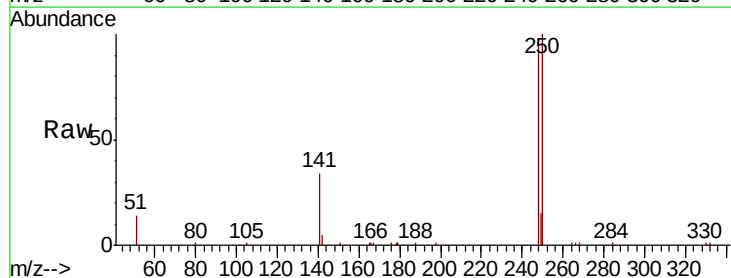
Tgt Ion:248 Resp: 14784

Ion Ratio Lower Upper

248 100

250 103.3 84.4 126.6

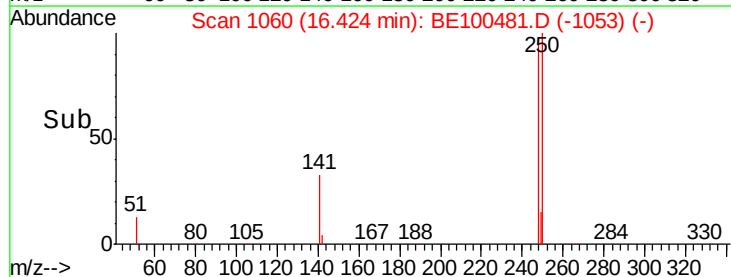
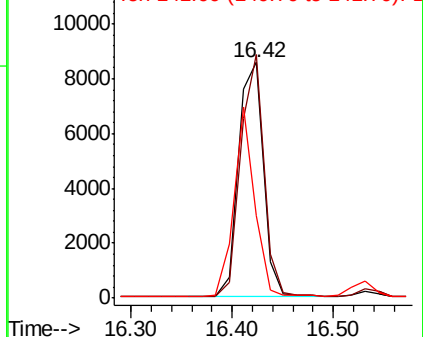
141 34.9 32.2 48.2

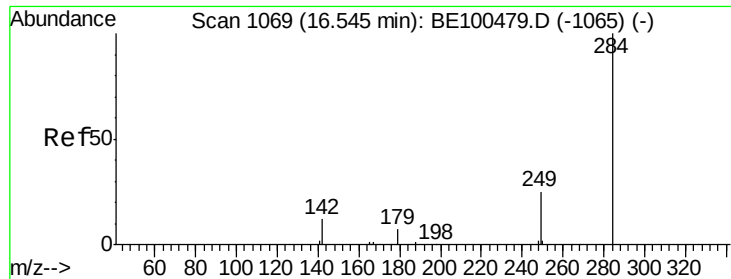


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

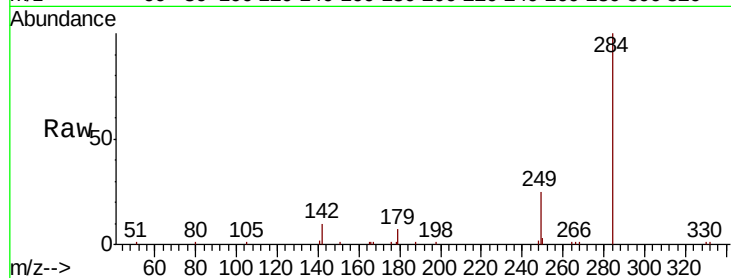




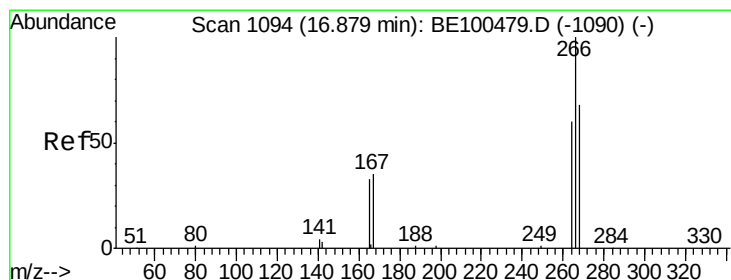
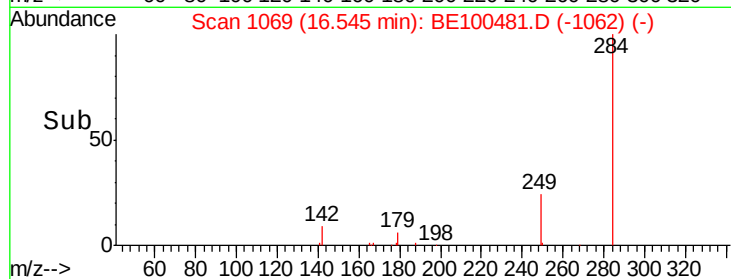
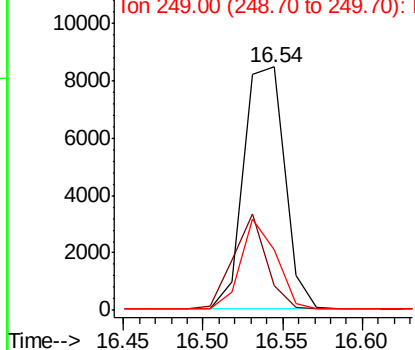
#21
Hexachlorobenzene
Concen: 1.696 ng
RT: 16.54 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 15112
Ion Ratio Lower Upper
284 100
142 31.3 26.7 40.1
249 31.9 25.0 37.4

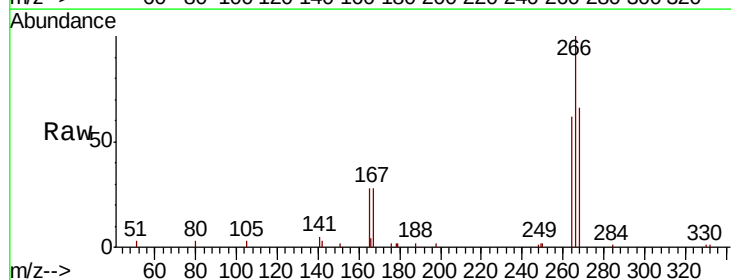


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

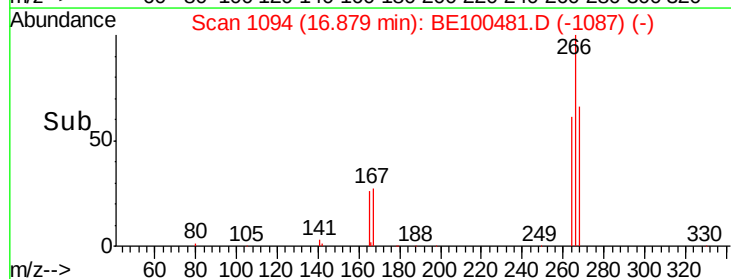
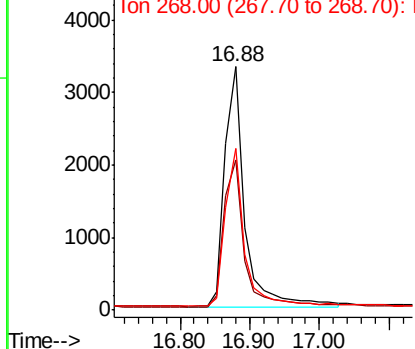


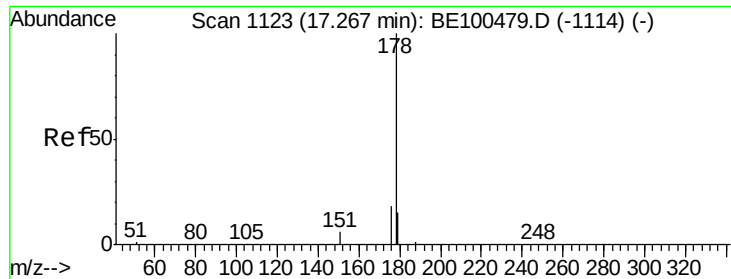
#22
Pentachlorophenol
Concen: 1.814 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:266 Resp: 6545
Ion Ratio Lower Upper
266 100
264 61.8 50.4 75.6
268 66.5 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

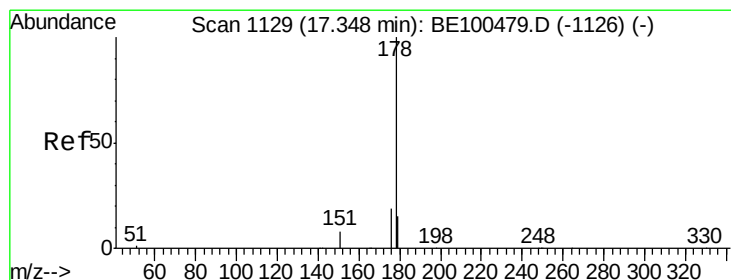
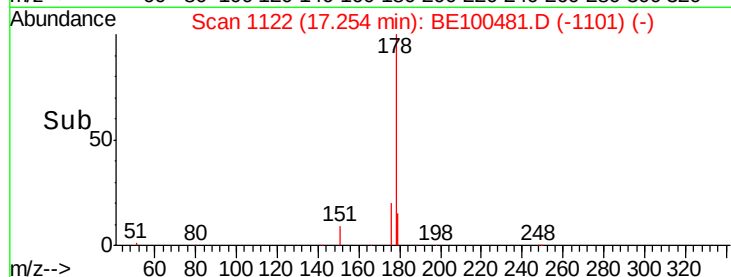
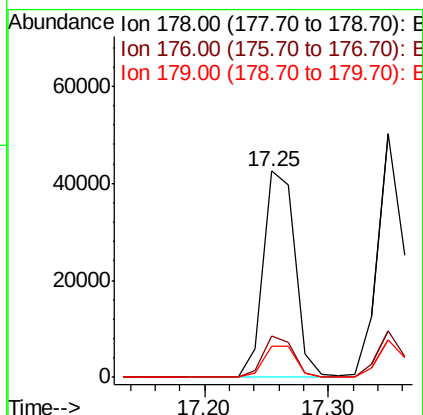
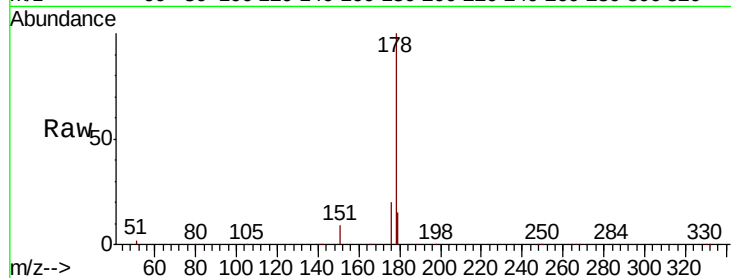




#23
Phenanthrene
Concen: 1.640 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

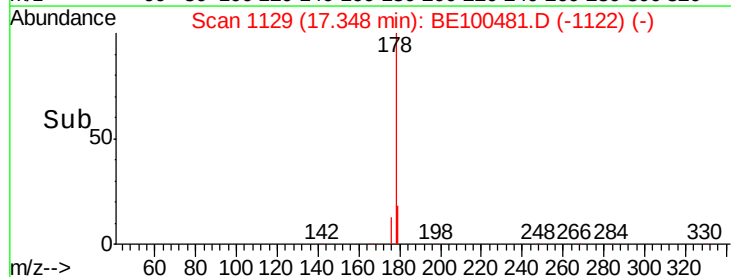
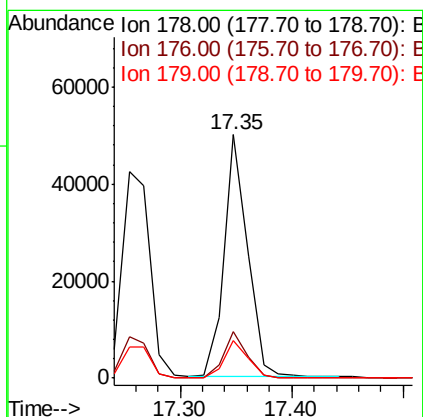
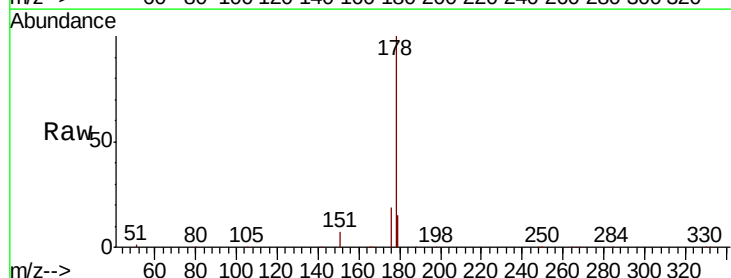
Instrument :
BNA_E
ClientSampleId :

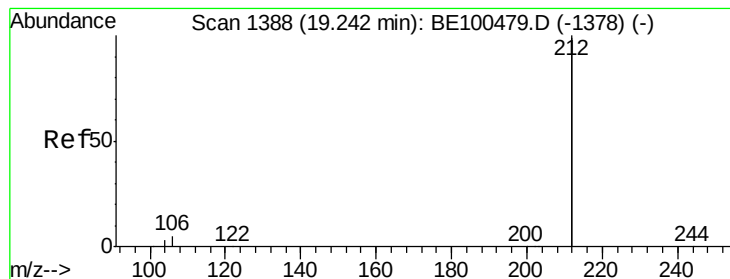
Tot Ion:178 Resp: 75167
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.3 12.6 18.8



#24
Anthracene
Concen: 1.708 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:178 Resp: 73120
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.2 12.2 18.2





#25

Fluoranthene-d10

Concen: 1.590 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

Instrument :

BNA_E

ClientSampleId :

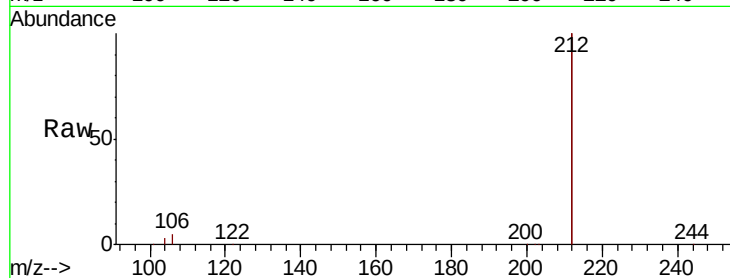
Tot Ion:212 Resp: 412489

Ion Ratio Lower Upper

212 100

106 2.8 2.2 3.4

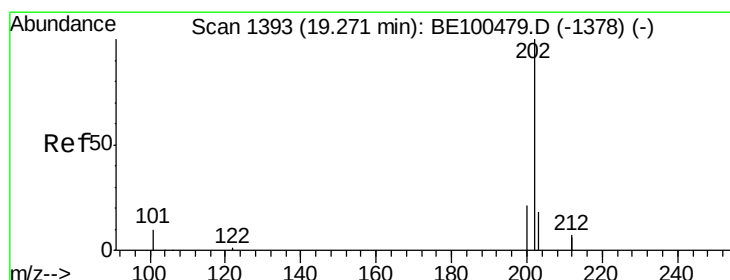
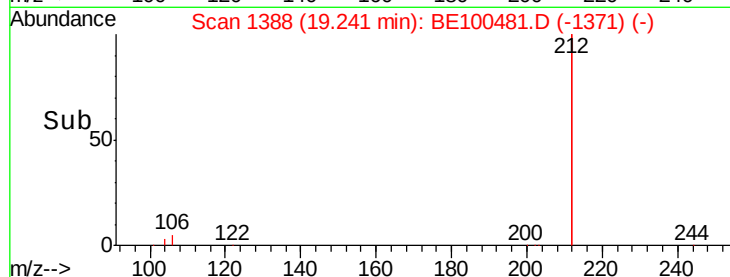
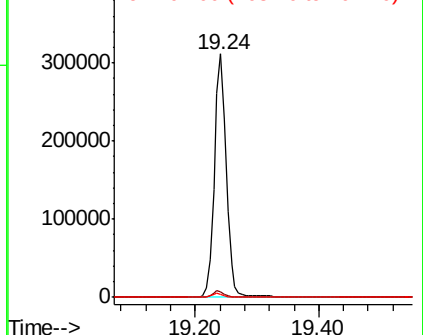
104 1.5 1.2 1.8



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 1.576 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

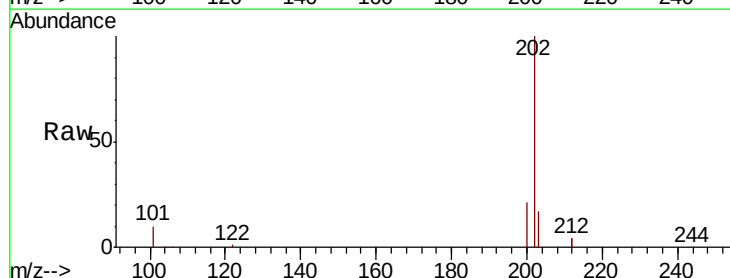
Tgt Ion:202 Resp: 107345

Ion Ratio Lower Upper

202 100

101 10.3 8.0 12.0

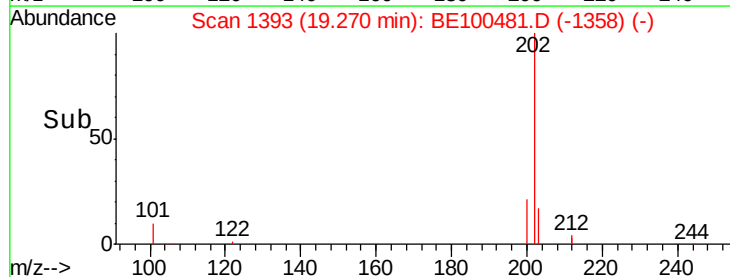
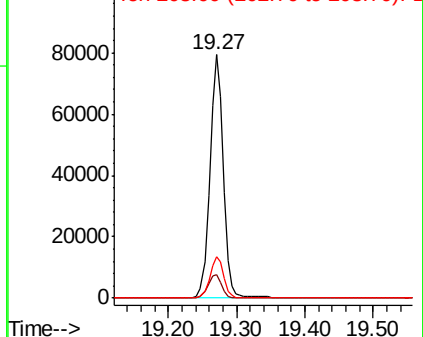
203 17.3 13.5 20.3

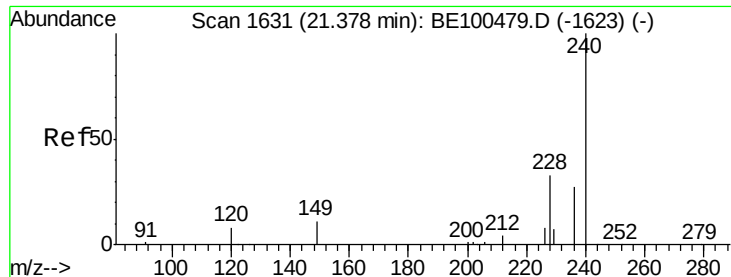


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

Instrument :

BNA_E

ClientSampleId :

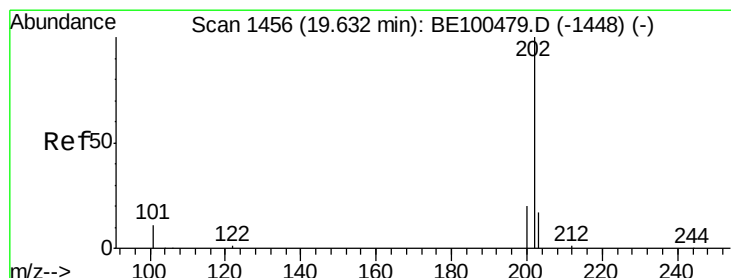
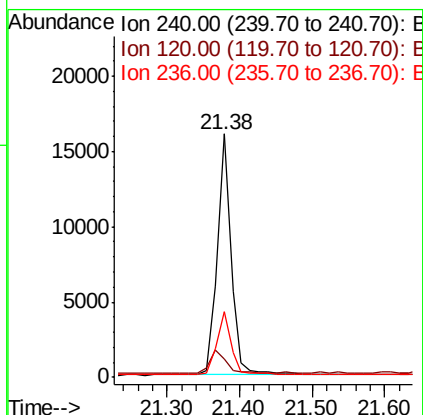
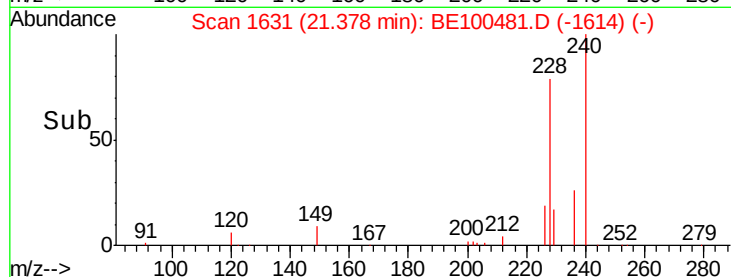
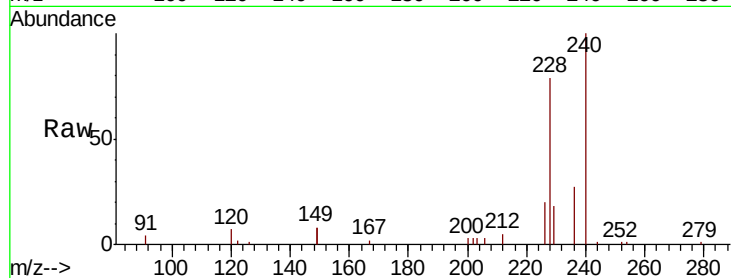
Tot Ion:240 Resp: 21688

Ion Ratio Lower Upper

240 100

120 7.4 8.2 12.2#

236 27.2 22.6 34.0



#28

Pyrene

Concen: 1.754 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

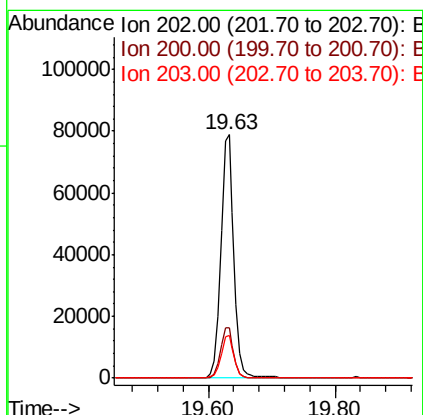
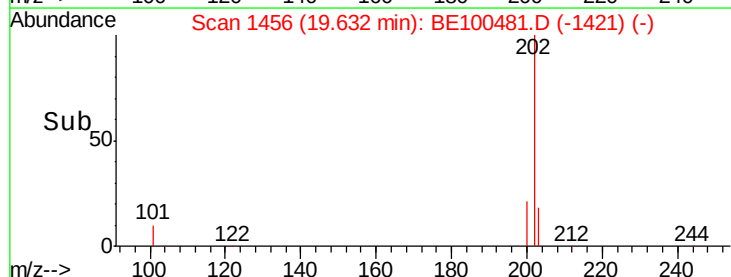
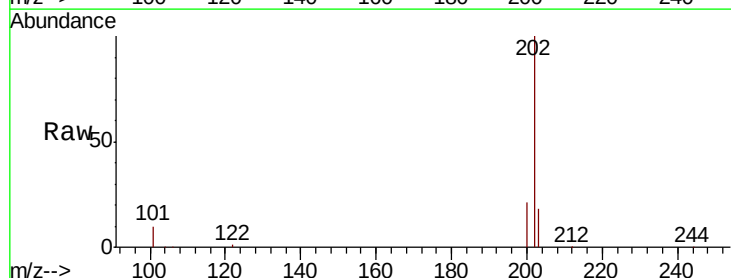
Tgt Ion:202 Resp: 111836

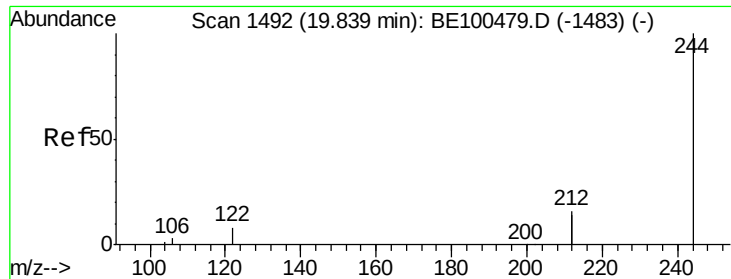
Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 1.744 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

Instrument :

BNA_E

ClientSampleId :

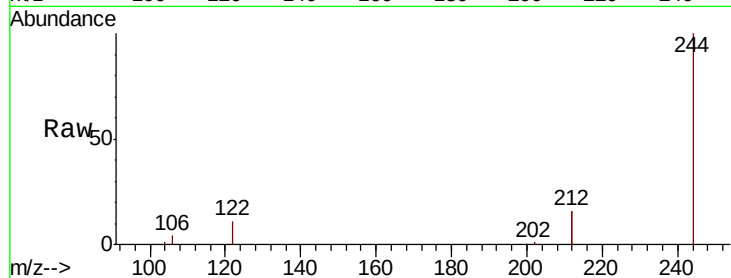
Tot Ion:244 Resp: 87205

Ion Ratio Lower Upper

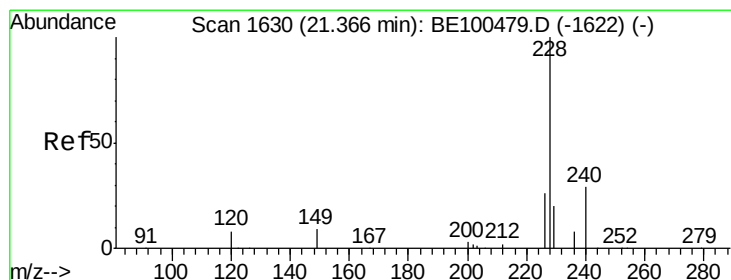
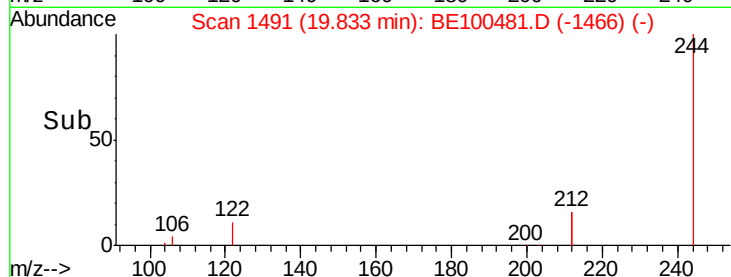
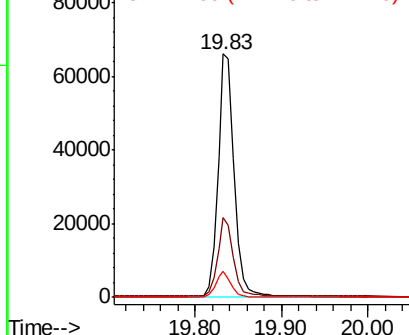
244 100

212 32.5 25.6 38.4

122 10.8 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: 1.682 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

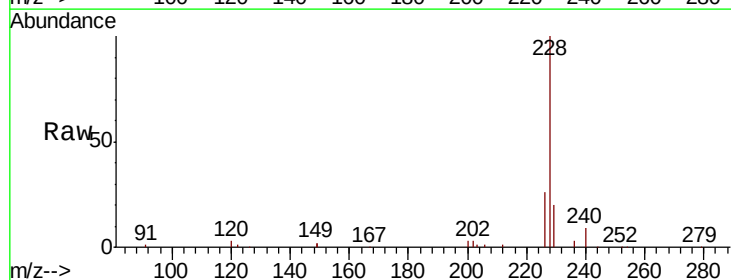
Tgt Ion:228 Resp: 111294

Ion Ratio Lower Upper

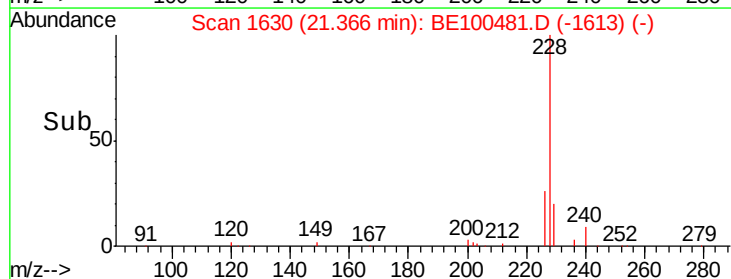
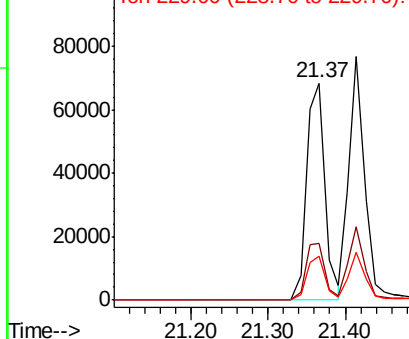
228 100

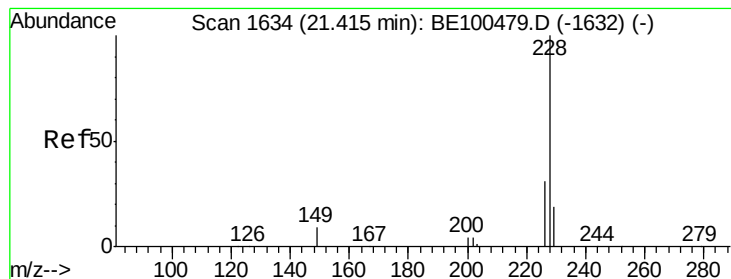
226 26.3 21.4 32.2

229 20.4 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: 1.625 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

Instrument :

BNA_E

ClientSampleId :

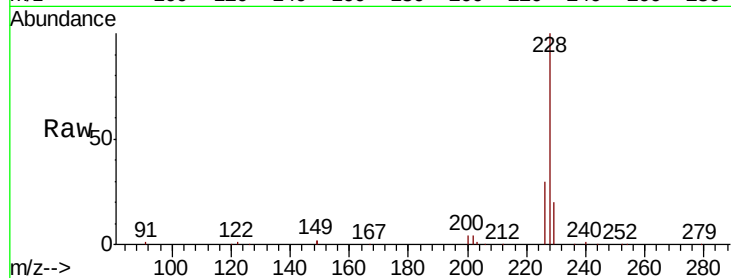
Tot Ion:228 Resp: 107223

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.6

229 19.7 16.7 25.1

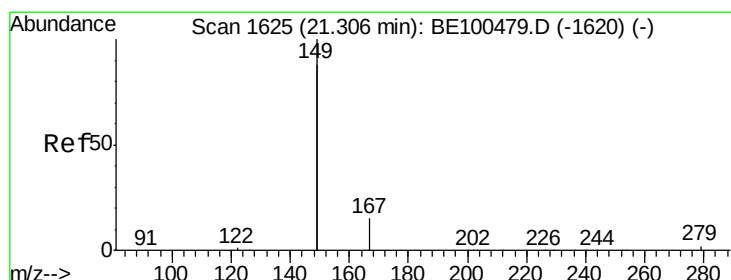
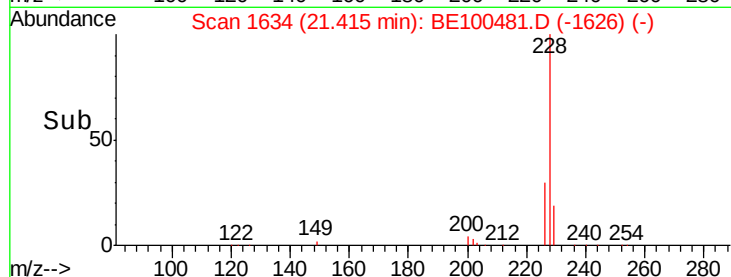
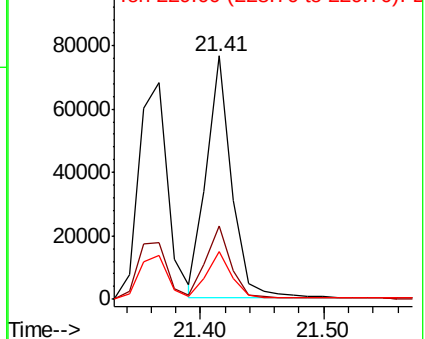


Abundance

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: 1.614 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

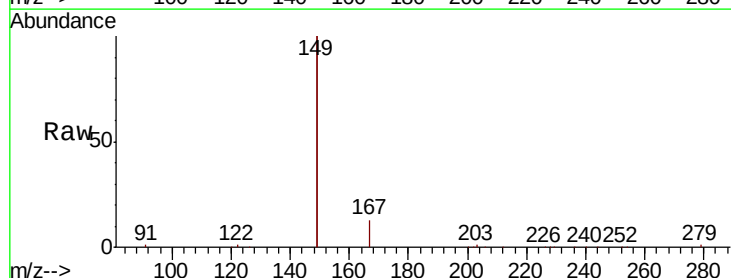
Tgt Ion:149 Resp: 237037

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

279 1.0 1.0 1.6#

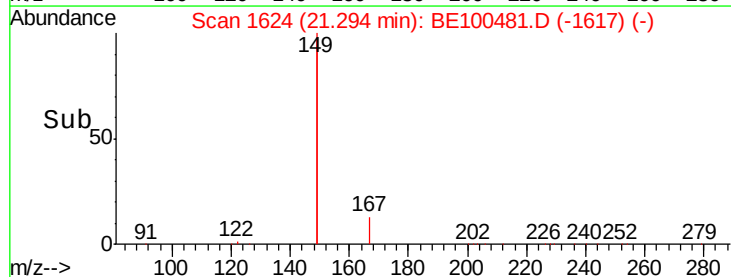
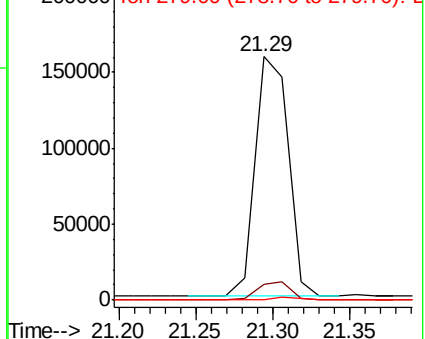


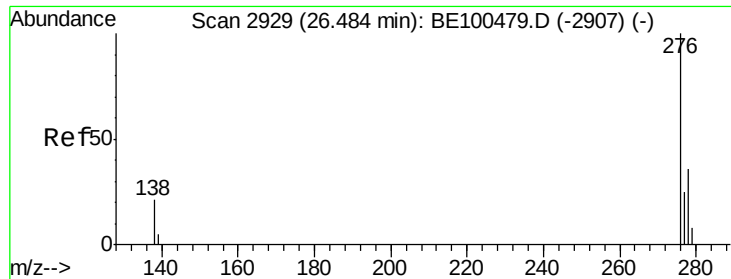
Abundance

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

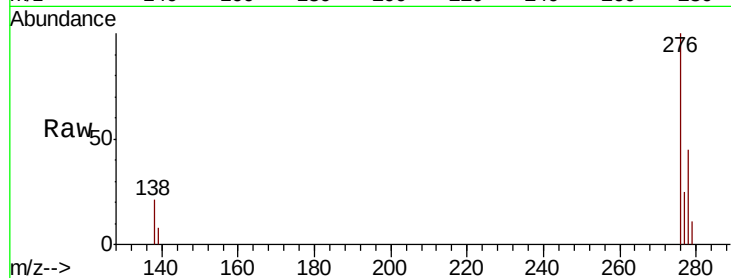




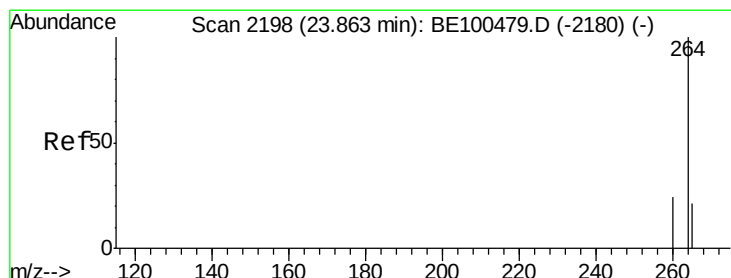
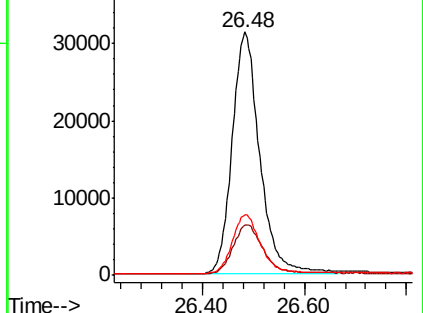
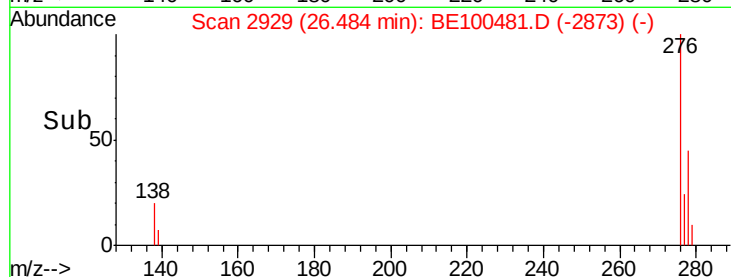
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.654 ng
RT: 26.48 min Scan# 2929
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 117991
Ion Ratio Lower Upper
276 100
138 22.0 16.6 25.0
277 24.5 19.1 28.7

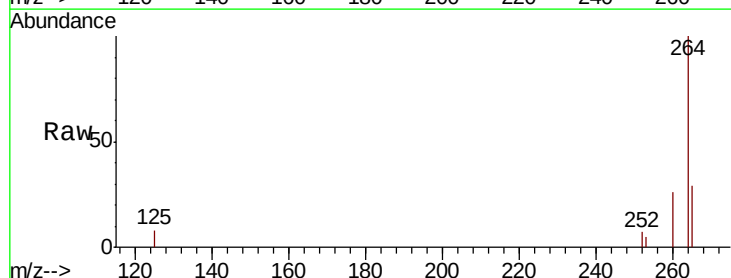


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

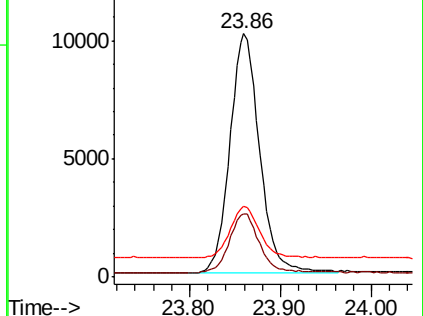
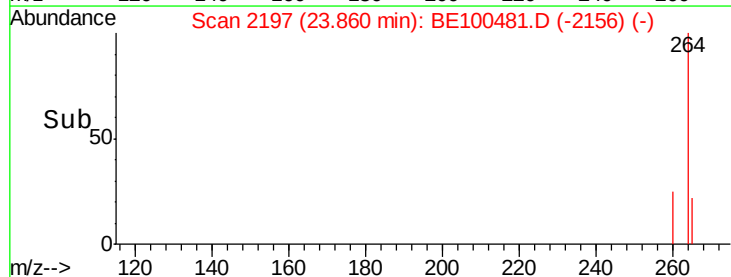


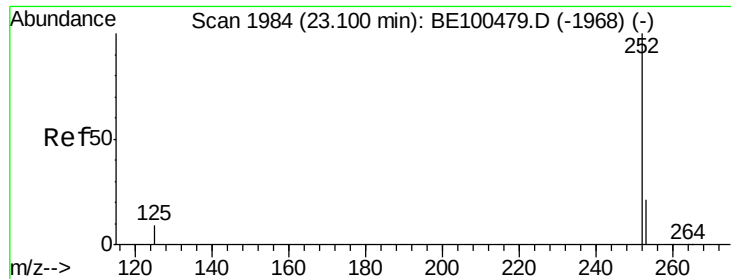
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:264 Resp: 22975
Ion Ratio Lower Upper
264 100
260 26.2 20.7 31.1
265 29.1 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

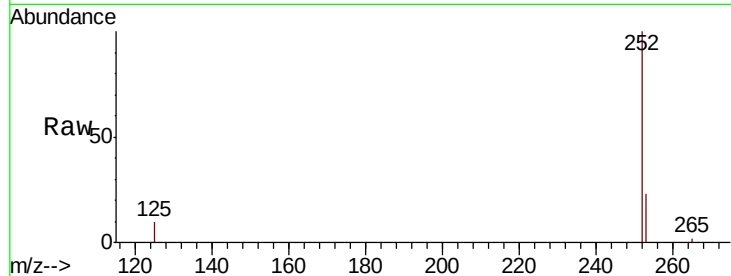




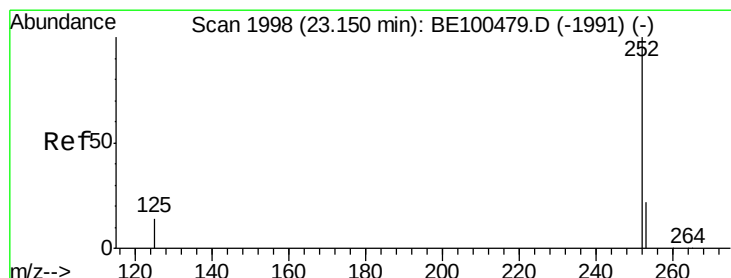
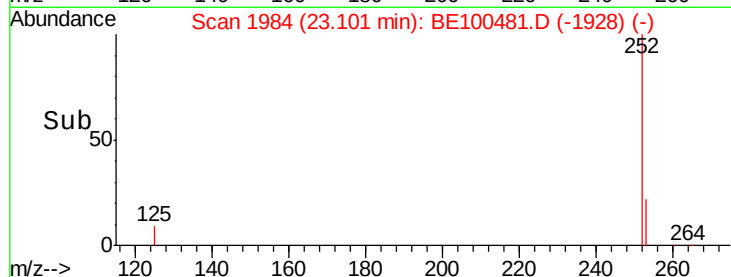
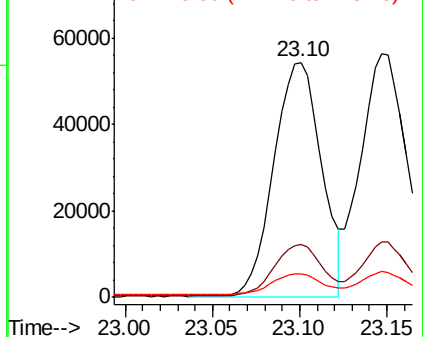
#35
Benzo(b)fluoranthene
Concen: 1.616 ng
RT: 23.10 min Scan# 1984
Delta R.T. 0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 102598
Ion Ratio Lower Upper
252 100
253 22.7 19.2 28.8
125 10.1 11.9 17.9#

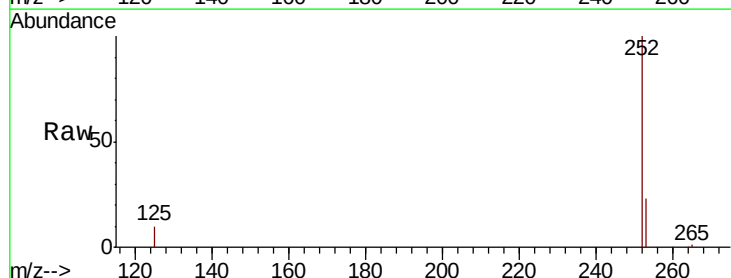


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

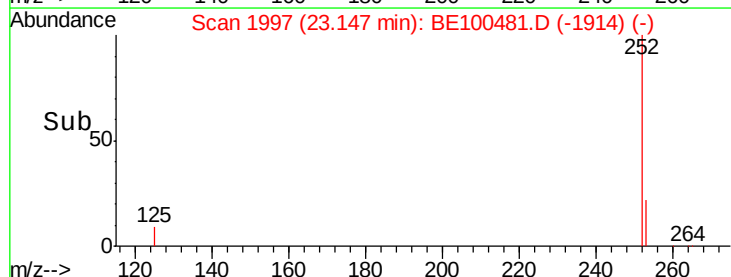
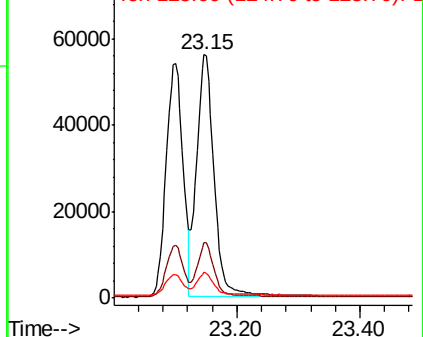


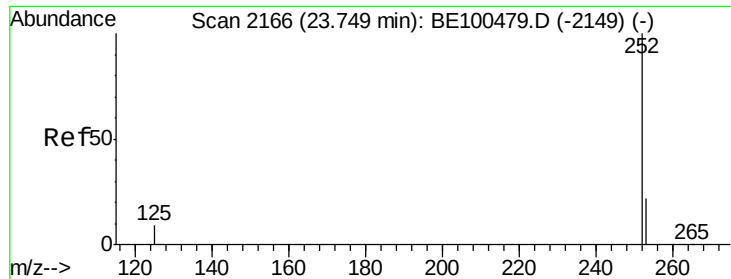
#36
Benzo(k)fluoranthene
Concen: 1.645 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE100481.D
Acq: 22 Jul 2019 15:04

Tgt Ion:252 Resp: 110989
Ion Ratio Lower Upper
252 100
253 22.5 19.7 29.5
125 10.5 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: 1.642 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

Instrument :

BNA_E

ClientSampleId :

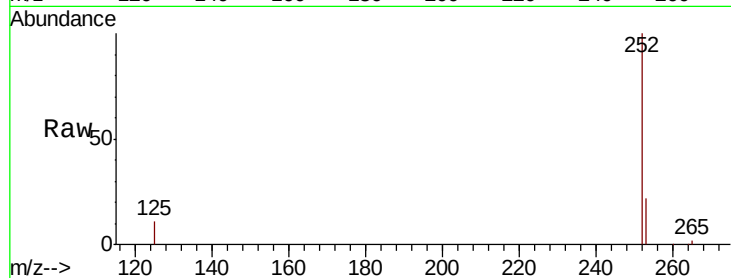
Tot Ion:252 Resp: 100559

Ion Ratio Lower Upper

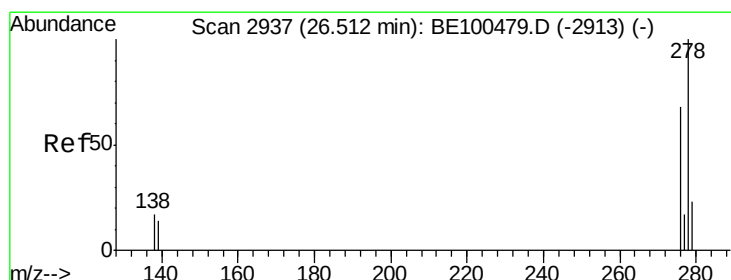
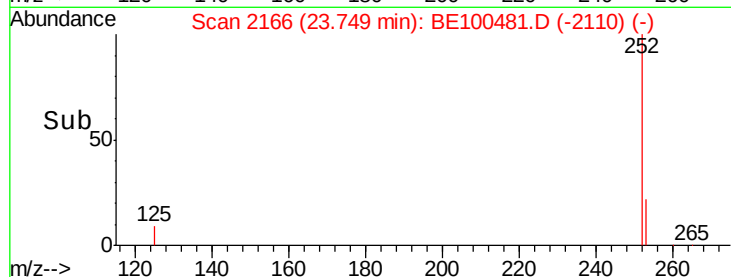
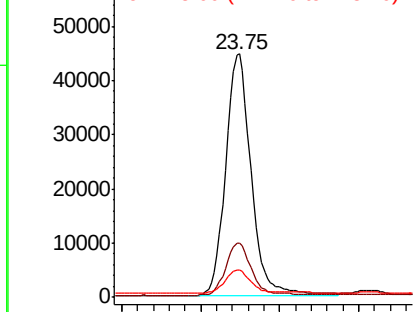
252 100

253 22.4 20.0 30.0

125 11.1 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: 1.664 ng

RT: 26.51 min Scan# 2936

Delta R.T. -0.00 min

Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

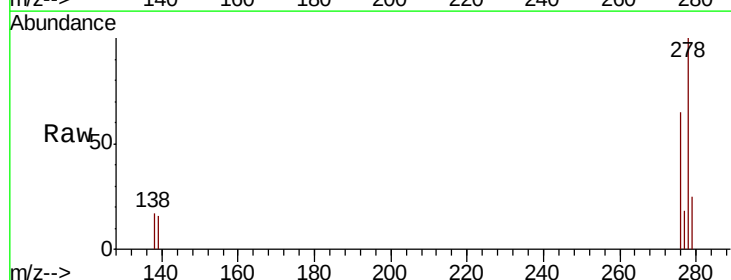
Tgt Ion:278 Resp: 95981

Ion Ratio Lower Upper

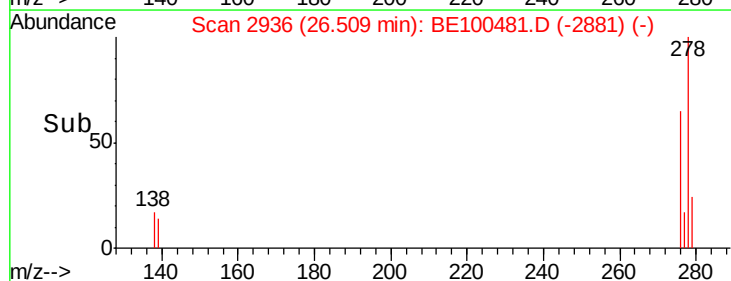
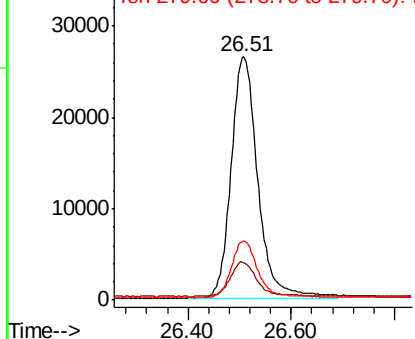
278 100

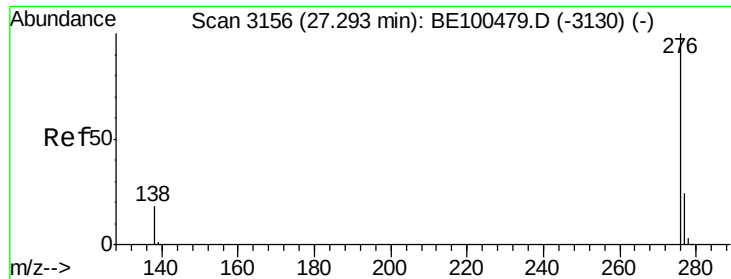
139 15.6 16.8 25.2#

279 24.6 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: 1.635 ng

RT: 27.29 min Scan# 3155

Delta R.T. -0.00 min

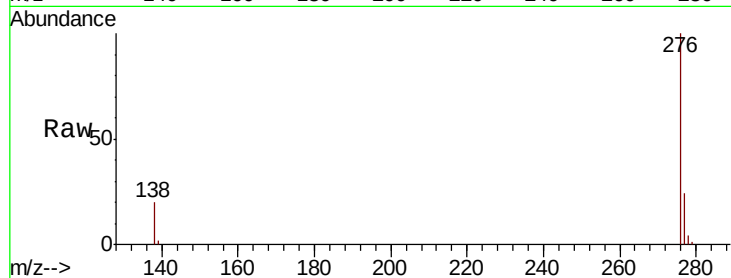
Lab File: BE100481.D

Acq: 22 Jul 2019 15:04

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 97132

Ion Ratio Lower Upper

276 100

277 24.4 22.0 33.0

138 19.8 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

