

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
 Data File : BE100482.D
 Acq On : 22 Jul 2019 15:42
 Operator : HP/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 22 16:45:54 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	3525	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	14195	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	9254	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	24123	0.40	ng	0.00
27) Chrysene-d12	21.38	240	28266	0.40	ng	0.00
34) Perylene-d12	23.86	264	29188	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	25650	2.92	ng	-0.01
5) Phenol-d6	7.03	99	39214	3.18	ng	0.00
8) Nitrobenzene-d5	9.02	82	41032	3.58	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	78059	3.42	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	14529	3.74	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	119276	3.13	ng	0.00
25) Fluoranthene-d10	19.24	212	1073279	3.18	ng	0.00
29) Terphenyl-d14	19.84	244	217538	3.34	ng	0.00

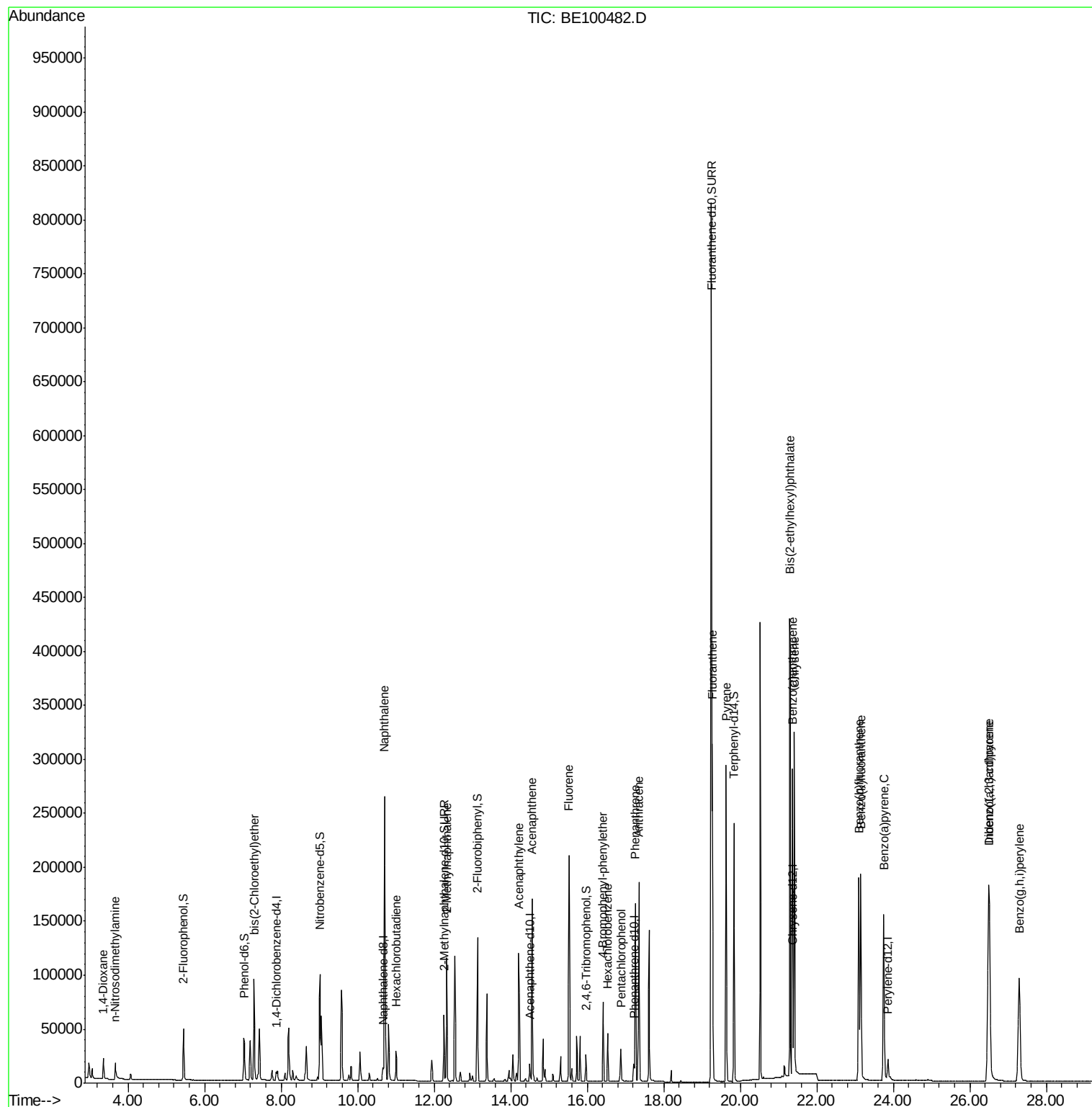
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	13659	2.522	ng	94
3) n-Nitrosodimethylamine	3.66	42	11179	3.572	ng	# 90
6) bis(2-Chloroethyl)ether	7.29	93	32981	3.090	ng	98
9) Naphthalene	10.71	128	437957	3.224	ng	100
10) Hexachlorobutadiene	11.00	225	20206	3.102	ng	98
12) 2-Methylnaphthalene	12.32	142	79471	3.355	ng	98
16) Acenaphthylene	14.21	152	142611	3.354	ng	99
17) Acenaphthene	14.56	154	86506	3.345	ng	96
18) Fluorene	15.53	166	112295	3.264	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	37529	3.371	ng	# 68
21) Hexachlorobenzene	16.53	284	37986	3.273	ng	98
22) Pentachlorophenol	16.88	266	19277	4.103	ng	96
23) Phenanthrene	17.25	178	189451	3.175	ng	99
24) Anthracene	17.35	178	187526	3.363	ng	99
26) Fluoranthene	19.27	202	268751	3.031	ng	99
28) Pyrene	19.63	202	276247	3.324	ng	99
30) Benzo(a)anthracene	21.37	228	274454	3.183	ng	98
31) Chrysene	21.41	228	267445	3.110	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	585322	3.059	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.49	276	295346	3.177	ng	98
35) Benzo(b)fluoranthene	23.10	252	264904	3.285	ng	# 92
36) Benzo(k)fluoranthene	23.15	252	269360	3.143	ng	# 88
37) Benzo(a)pyrene	23.75	252	250351	3.218	ng	# 90
38) Dibenzo(a,h)anthracene	26.51	278	242970	3.316	ng	# 90
39) Benzo(g,h,i)perylene	27.29	276	241397	3.198	ng	94

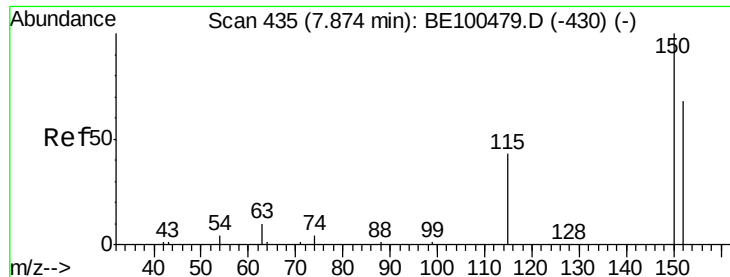
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100482.D

Acq: 22 Jul 2019 15:42

Instrument :

BNA_E

ClientSampleId :

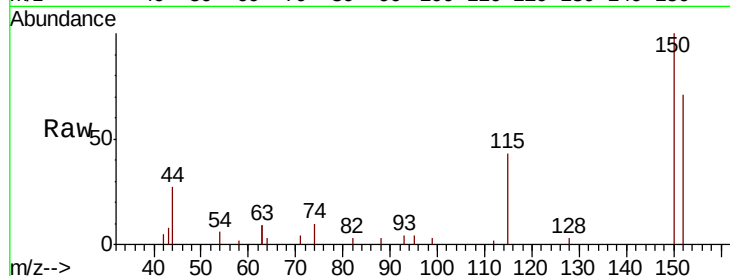
Tot Ion:152 Resp: 3525

Ion Ratio Lower Upper

152 100

150 141.8 115.0 172.6

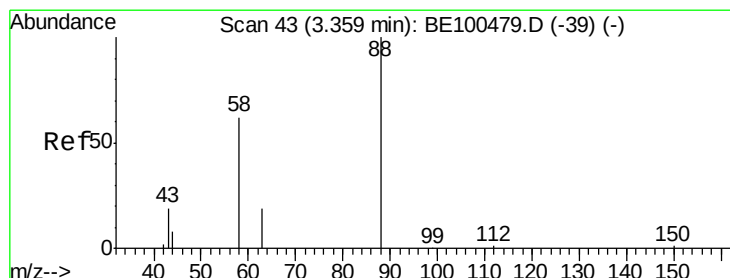
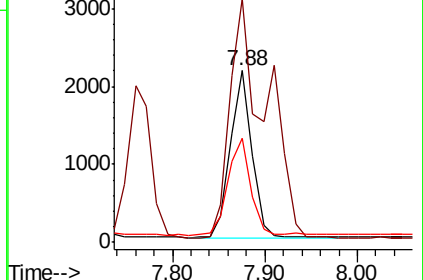
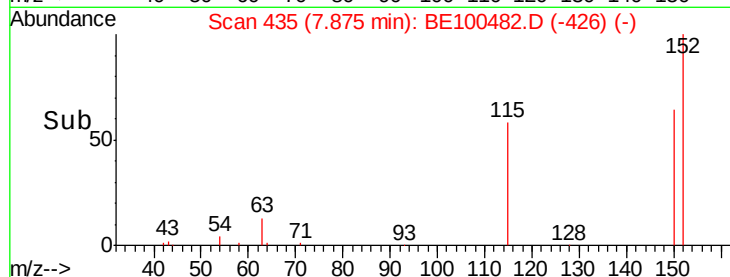
115 60.4 52.9 79.3



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: 2.522 ng

RT: 3.35 min Scan# 42

Delta R.T. -0.01 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

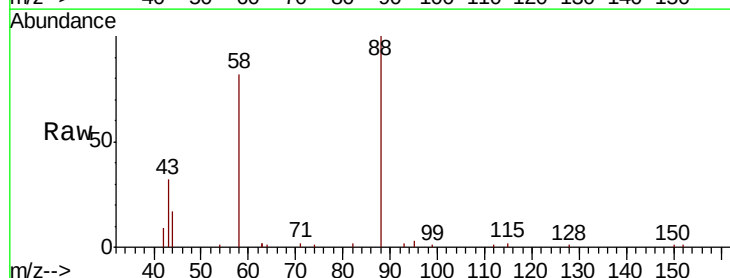
Tgt Ion: 88 Resp: 13659

Ion Ratio Lower Upper

88 100

58 72.4 53.2 79.8

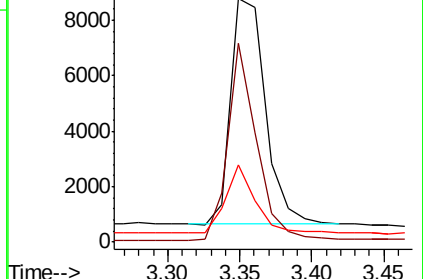
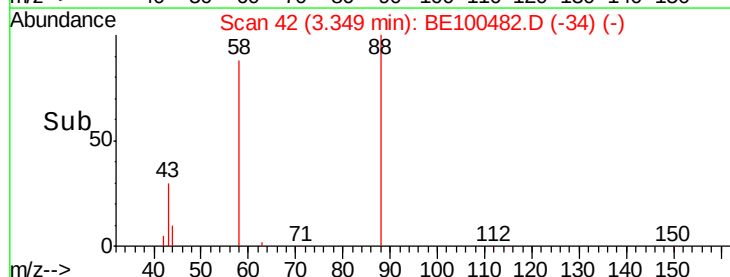
43 24.5 20.8 31.2

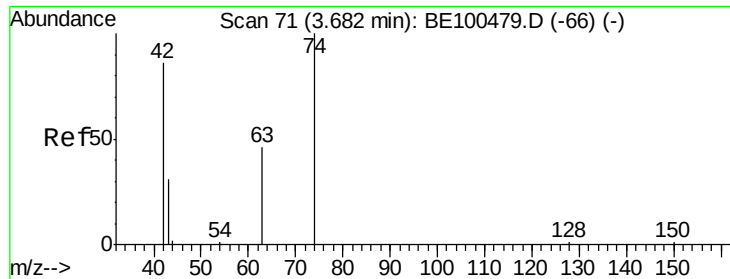


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 3.572 ng

RT: 3.66 min Scan# 69

Delta R.T. -0.02 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

Instrument :

BNA_E

ClientSampleId :

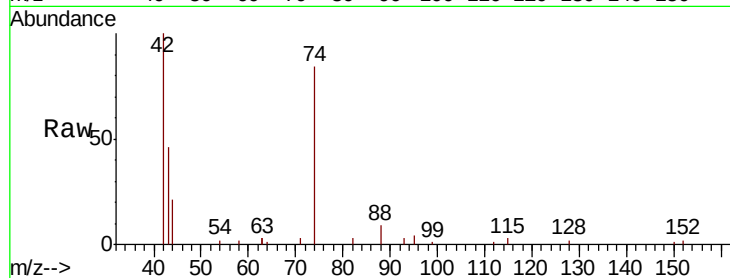
Tot Ion: 42 Resp: 11179

Ion Ratio Lower Upper

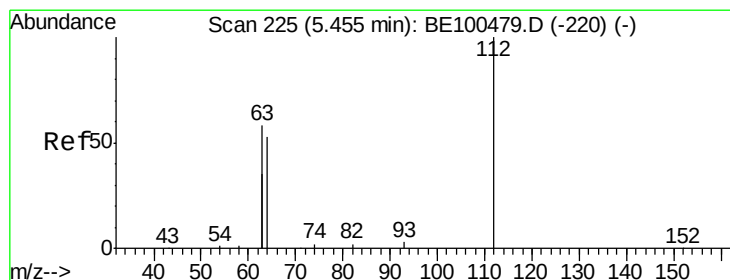
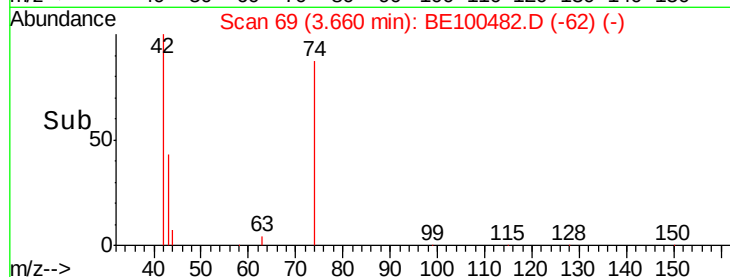
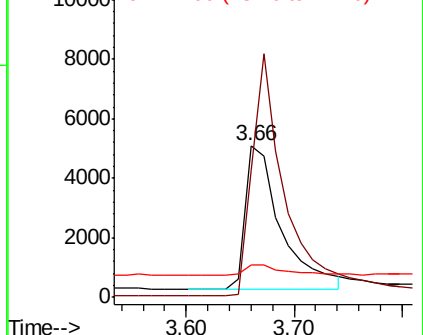
42 100

74 151.4 0.0 0.0#

44 8.0 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: 2.925 ng

RT: 5.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

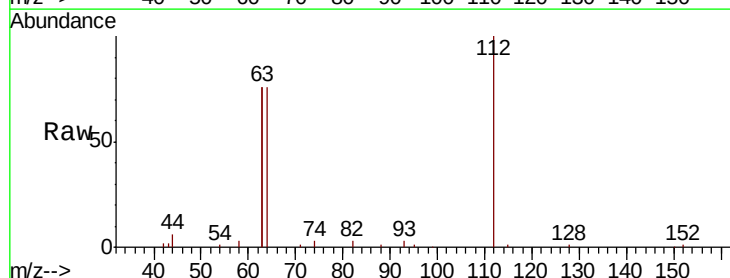
Tgt Ion: 112 Resp: 25650

Ion Ratio Lower Upper

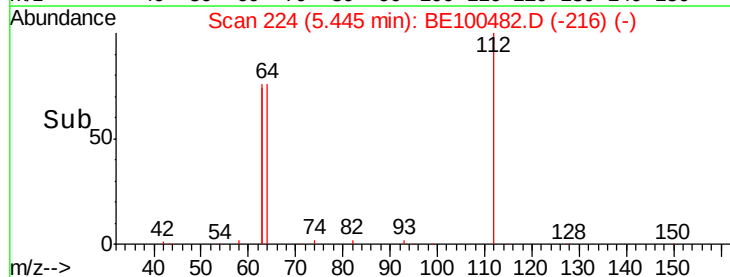
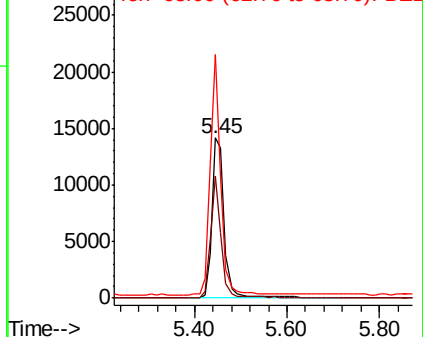
112 100

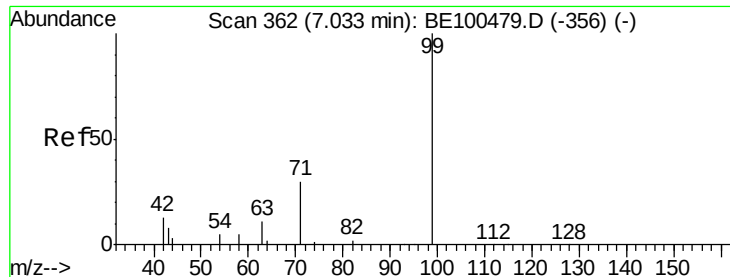
64 65.7 54.1 81.1

63 131.6 104.6 157.0



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





#5

Phenol-d6

Concen: 3.183 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

Instrument :

BNA_E

ClientSampled :

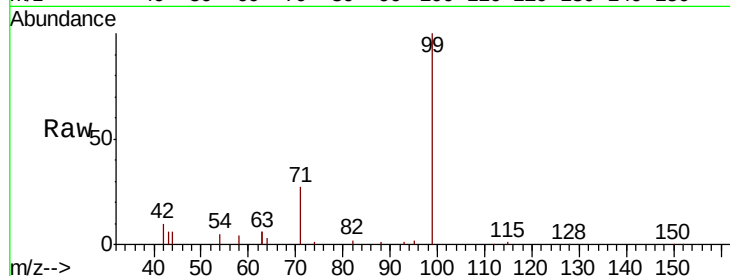
Tot Ion: 99 Resp: 39214

Ion Ratio Lower Upper

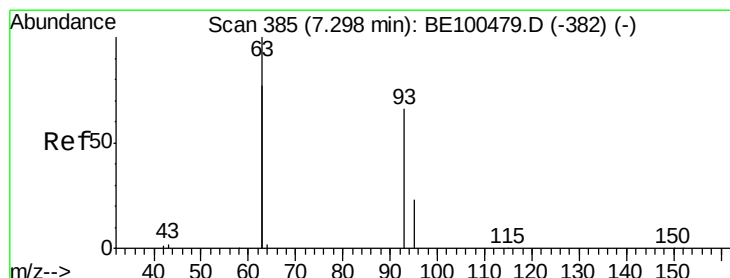
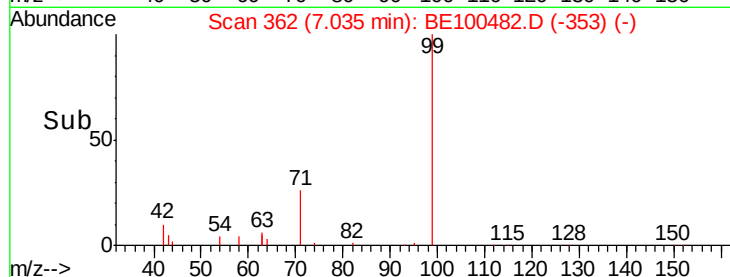
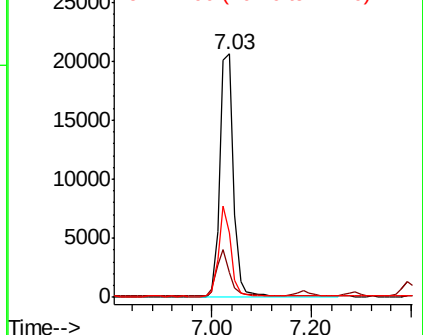
99 100

42 17.9 14.5 21.7

71 32.7 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: 3.090 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

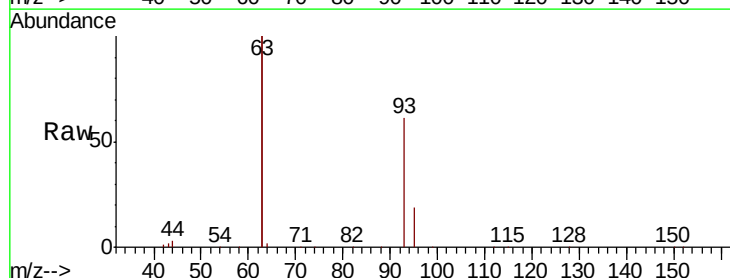
Tgt Ion: 93 Resp: 32981

Ion Ratio Lower Upper

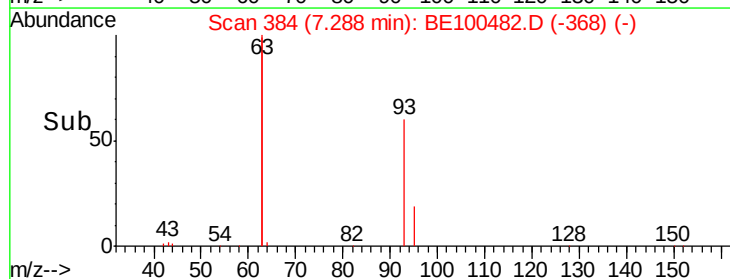
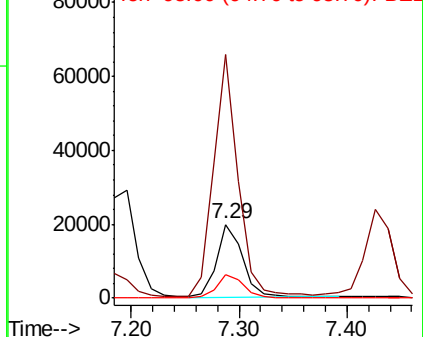
93 100

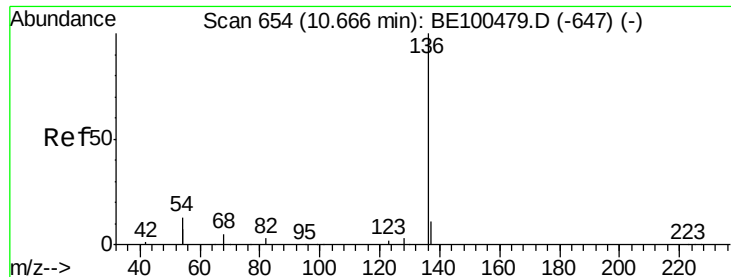
63 314.5 248.3 372.5

95 32.1 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: BE100482.D

Acq: 22 Jul 2019 15:42

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 14195

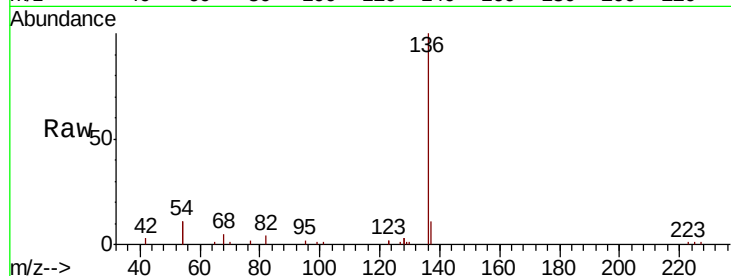
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.6

54 21.2 20.6 31.0

68 5.2 5.3 7.9#

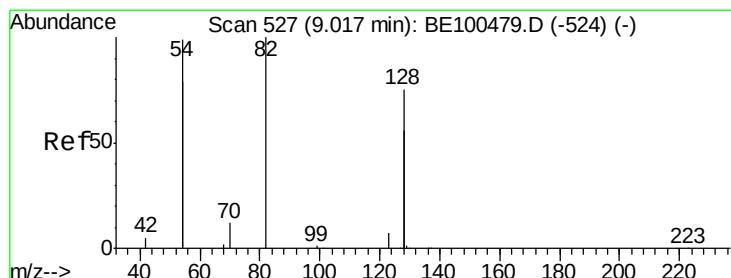
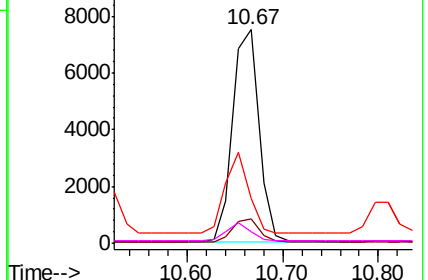
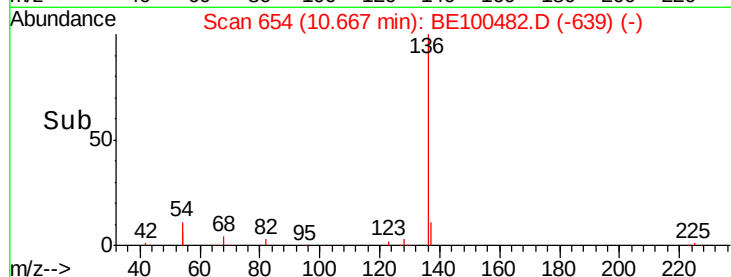


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.577 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

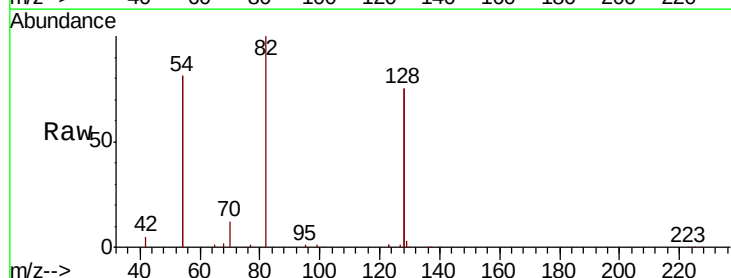
Tgt Ion: 82 Resp: 41032

Ion Ratio Lower Upper

82 100

128 150.9 113.6 170.4

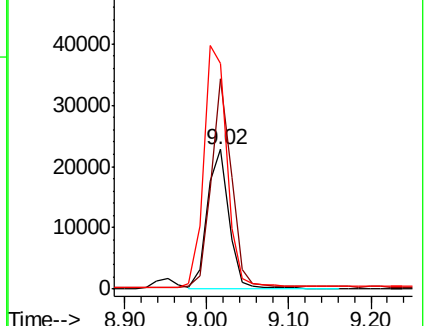
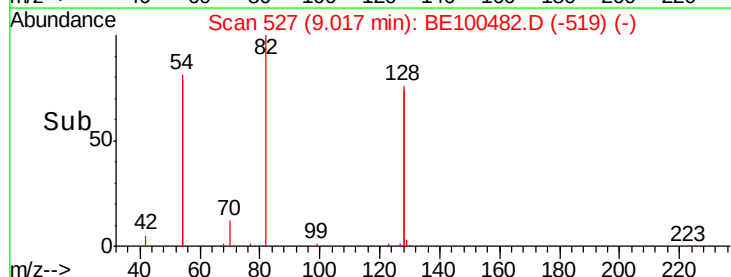
54 161.2 150.6 226.0

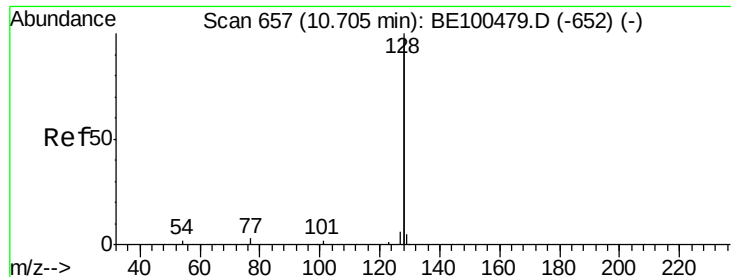


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 3.224 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

Instrument :

BNA_E

ClientSampleId :

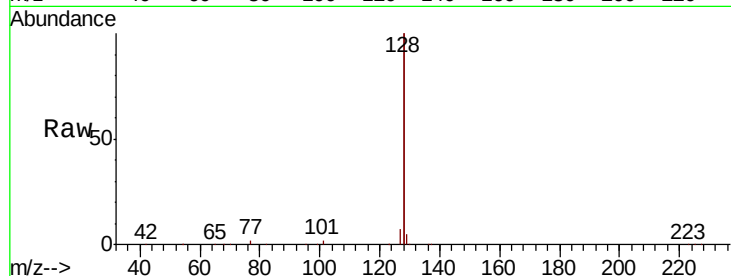
Tot Ion:128 Resp: 437957

Ion Ratio Lower Upper

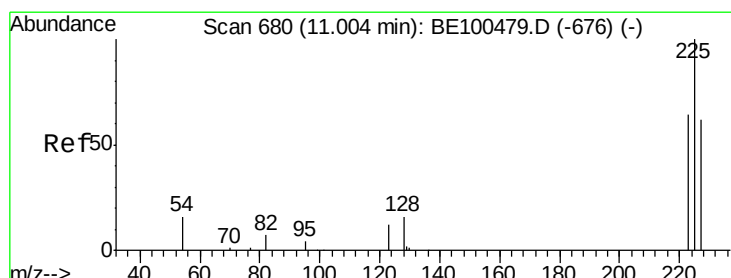
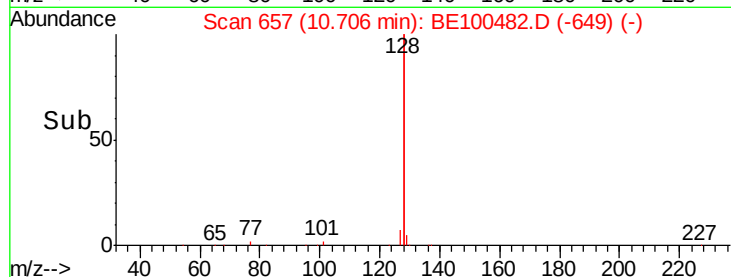
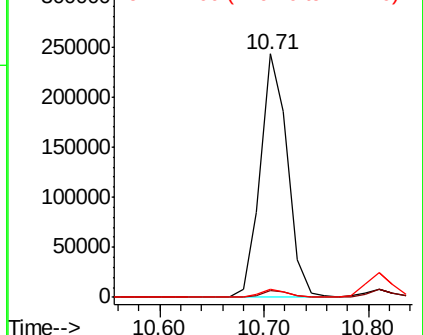
128 100

129 2.7 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: 3.102 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

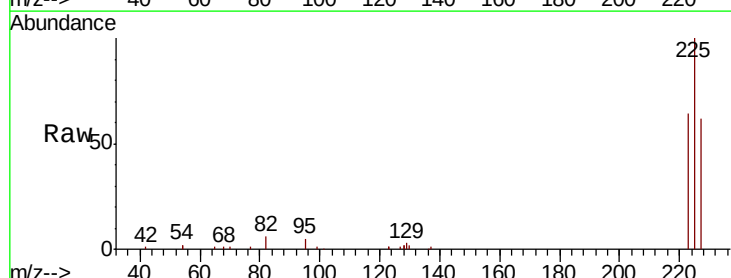
Tgt Ion:225 Resp: 20206

Ion Ratio Lower Upper

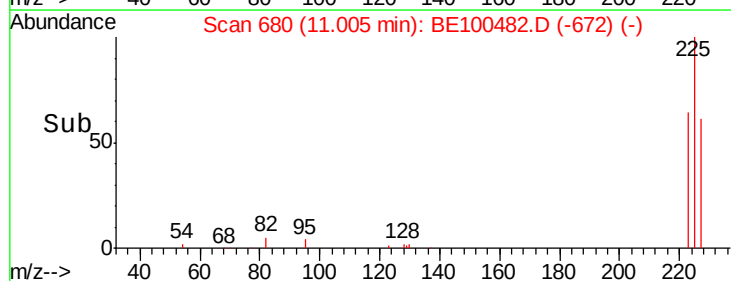
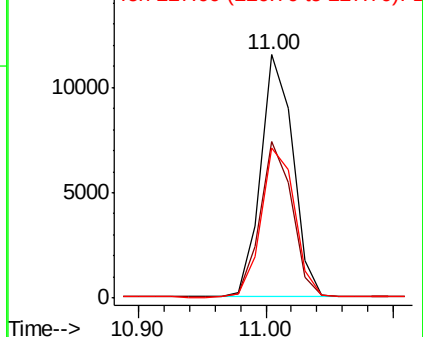
225 100

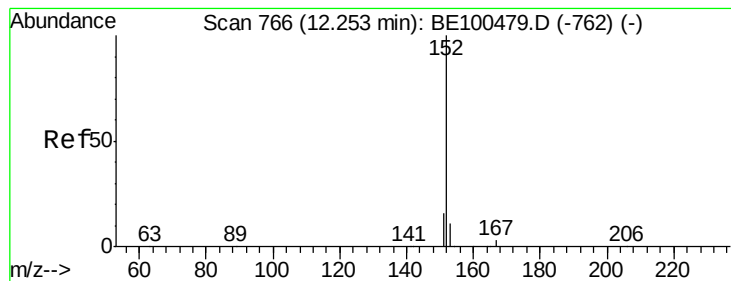
223 63.3 49.4 74.0

227 63.4 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: 3.424 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.00 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

Instrument :

BNA_E

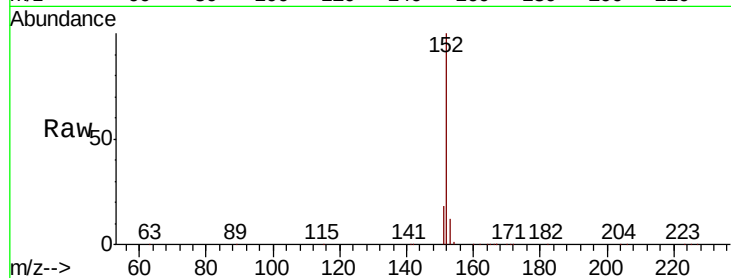
ClientSampleId :

Tot Ion:152 Resp: 78059

Ion Ratio Lower Upper

152 100

151 19.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

50000

40000

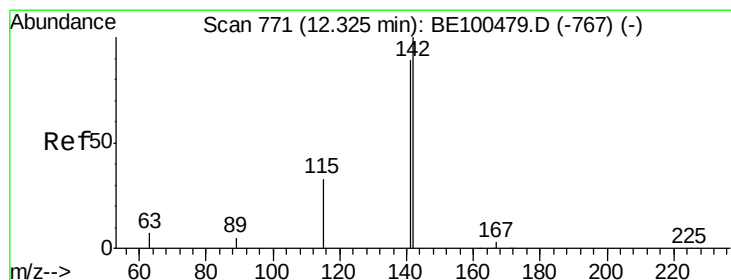
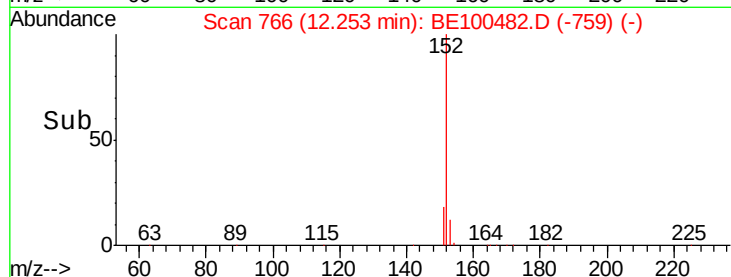
30000

20000

10000

0

Time--> 12.10 12.20 12.30 12.40



#12

2-Methylnaphthalene

Concen: 3.355 ng

RT: 12.32 min Scan# 771

Delta R.T. 0.00 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

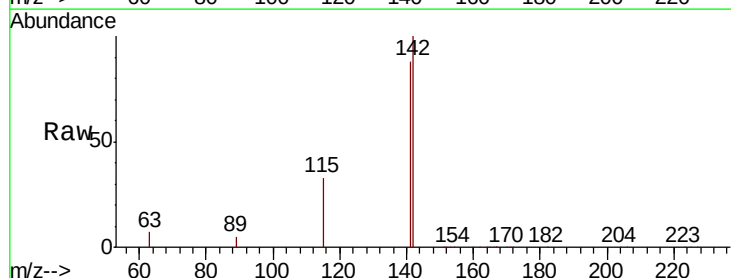
Tgt Ion:142 Resp: 79471

Ion Ratio Lower Upper

142 100

141 88.2 71.7 107.5

115 33.1 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

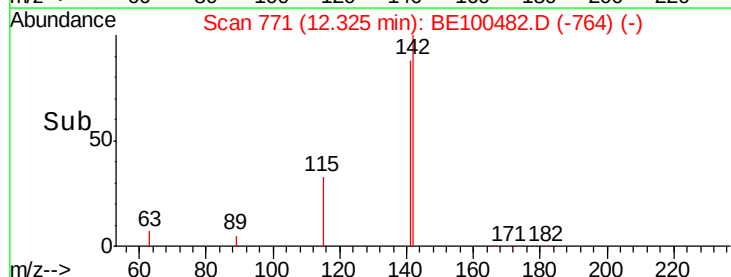
60000

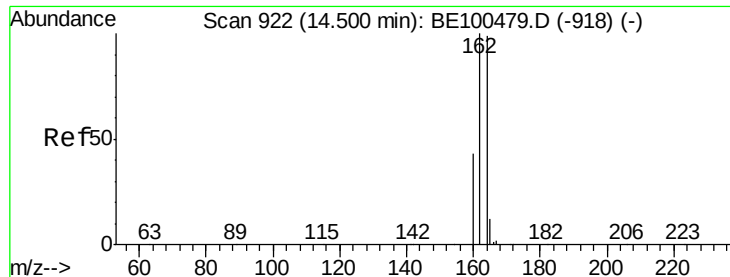
40000

20000

0

Time--> 12.20 12.30 12.40

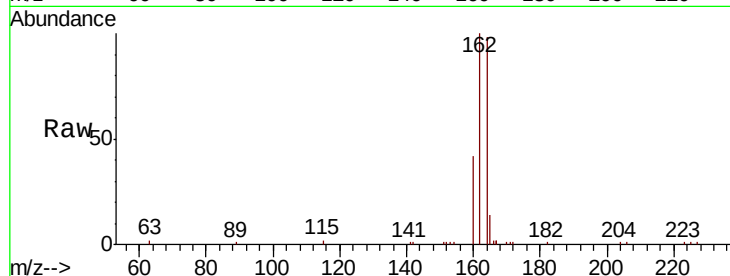




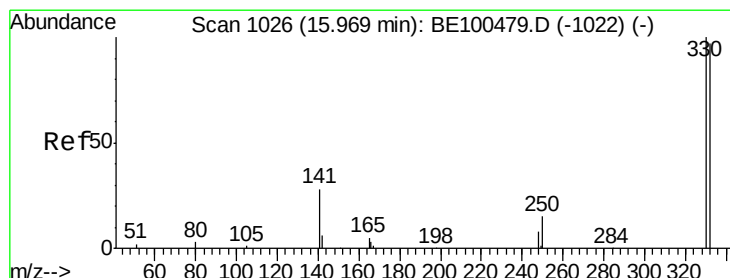
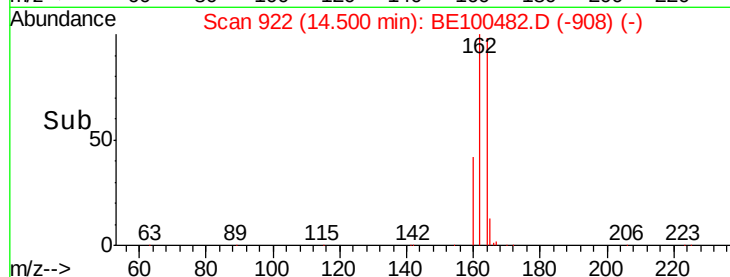
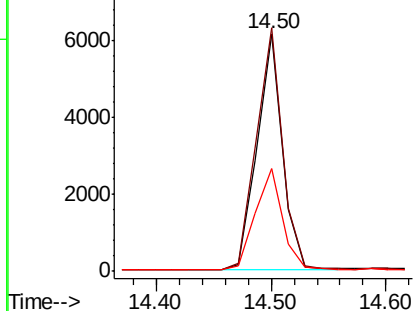
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 9254
Ion Ratio Lower Upper
164 100
162 102.4 80.8 121.2
160 43.0 34.9 52.3

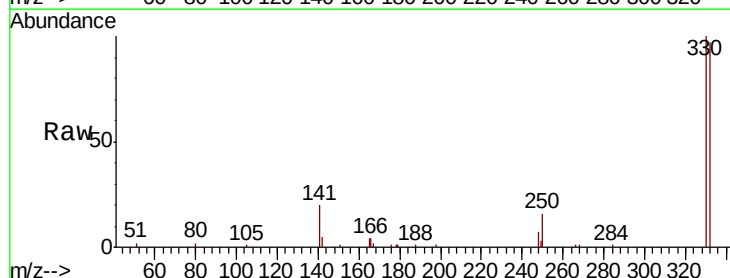


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

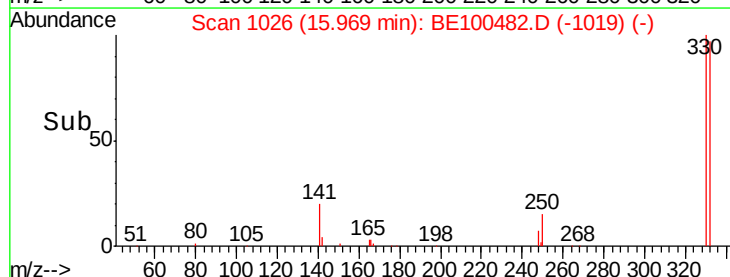
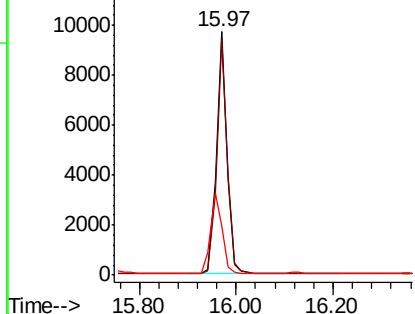


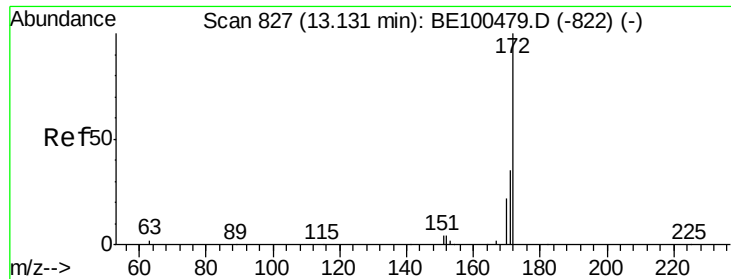
#14
2,4,6-Tribromophenol
Concen: 3.739 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:330 Resp: 14529
Ion Ratio Lower Upper
330 100
332 96.4 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

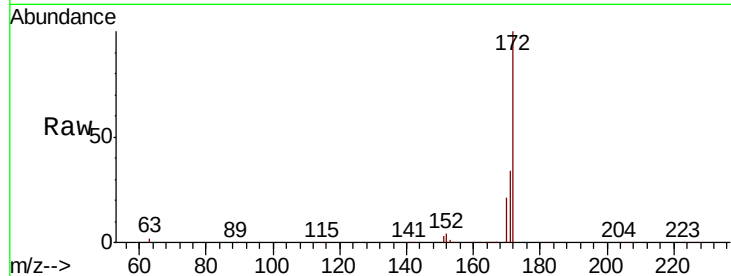




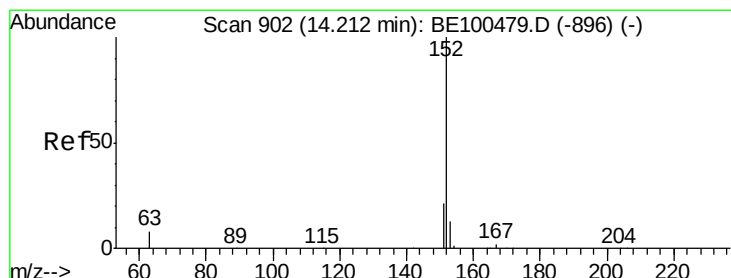
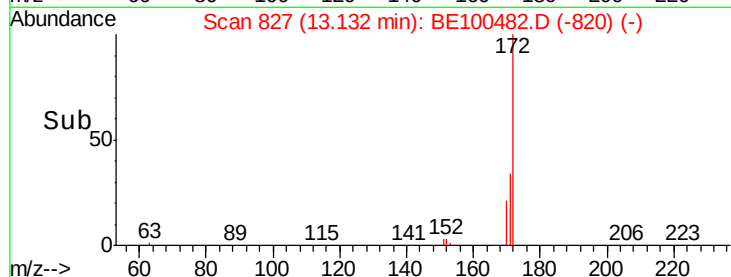
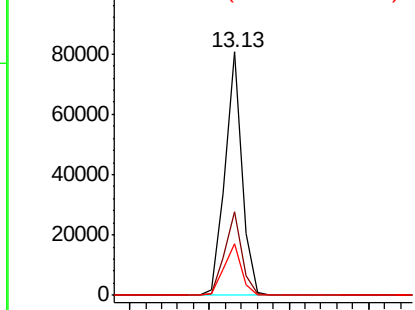
#15
2-Fluorobiphenyl
Concen: 3.133 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 119276
Ion Ratio Lower Upper
172 100
171 34.2 28.2 42.2
170 21.1 17.8 26.8

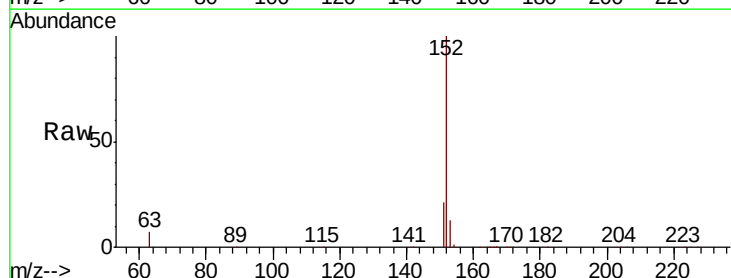


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

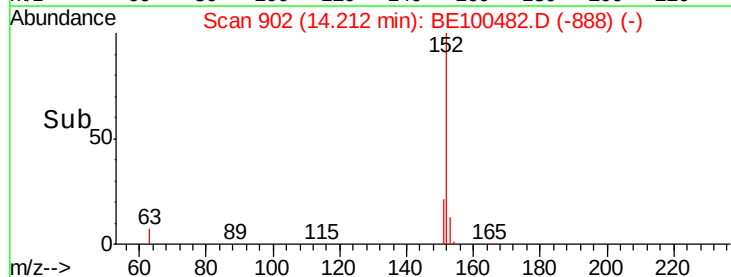
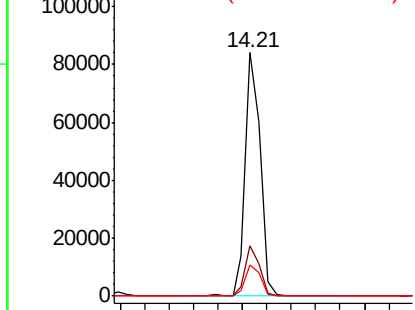


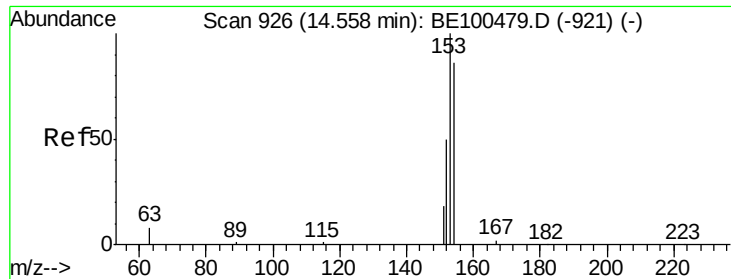
#16
Acenaphthylene
Concen: 3.354 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:152 Resp: 142611
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.1 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

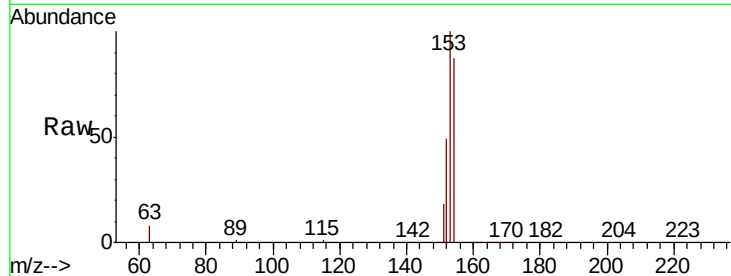




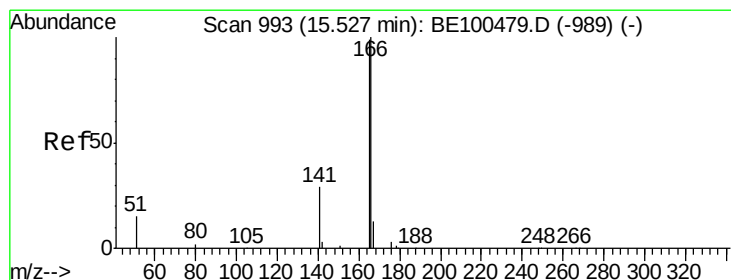
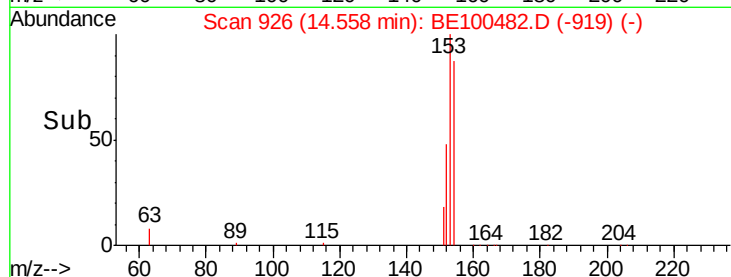
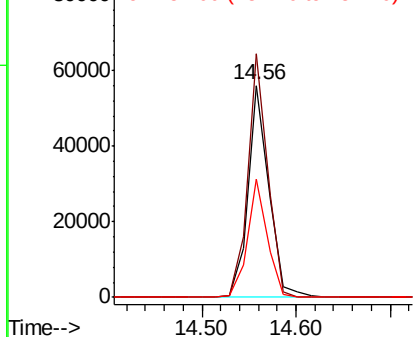
#17
Acenaphthene
Concen: 3.345 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	109.4	90.8	136.2
152	52.7	45.1	67.7

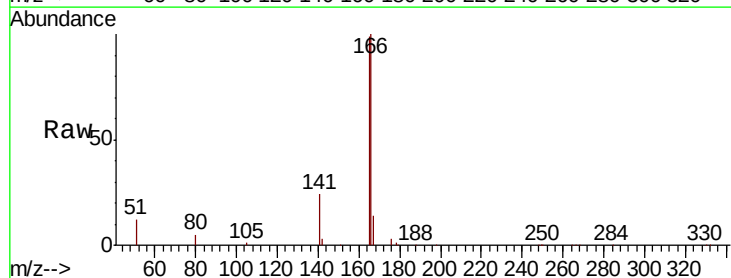


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

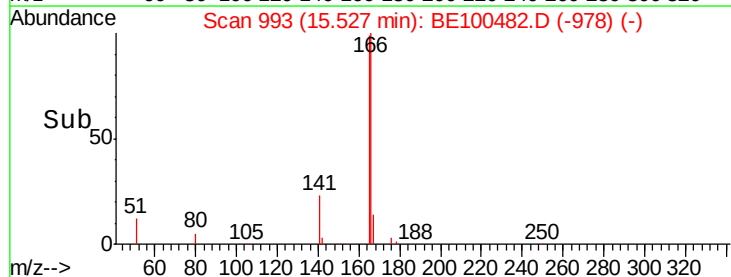
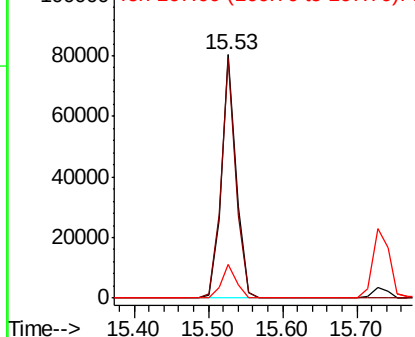


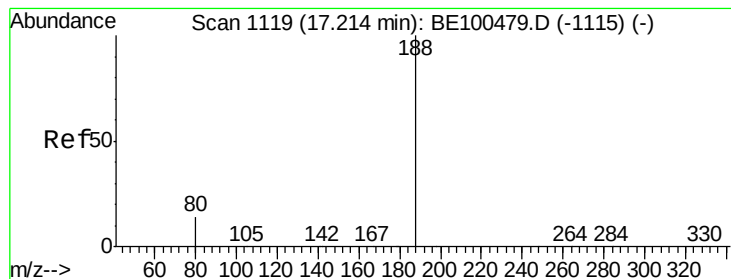
#18
Fluorene
Concen: 3.264 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.3	117.5
167	13.6	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: BE100482.D

Acq: 22 Jul 2019 15:42

Instrument :

BNA_E

ClientSampleId :

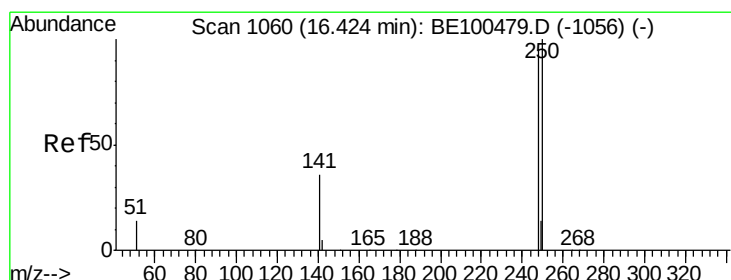
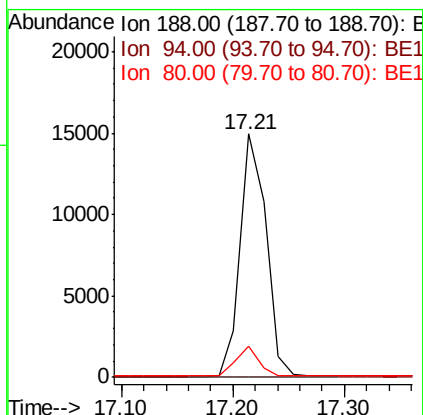
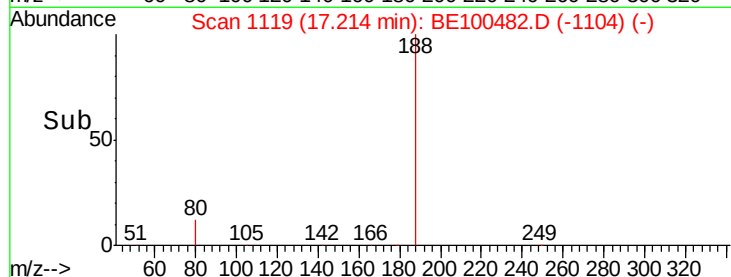
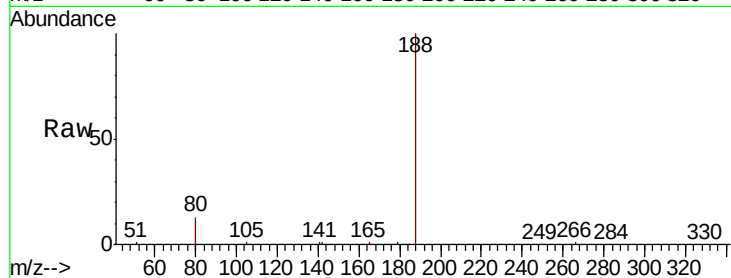
Tot Ion:188 Resp: 24123

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 11.9 17.9



#20

4-Bromophenyl-phenylether

Concen: 3.371 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

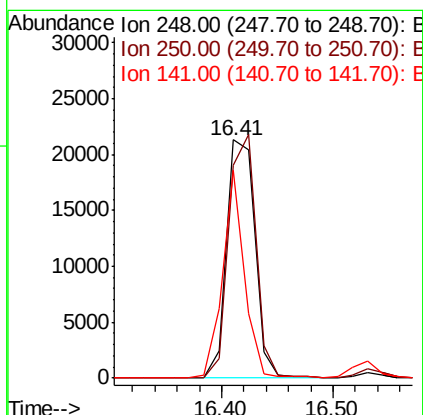
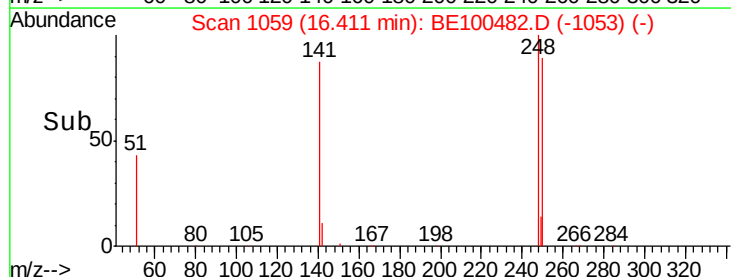
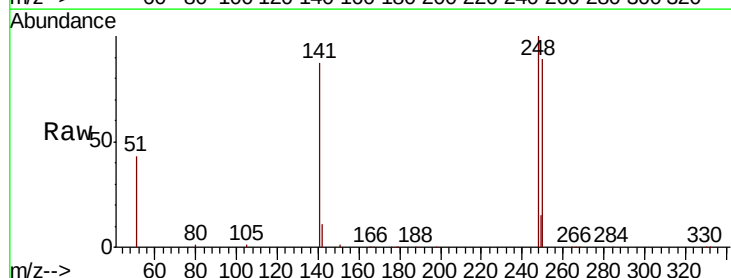
Tgt Ion:248 Resp: 37529

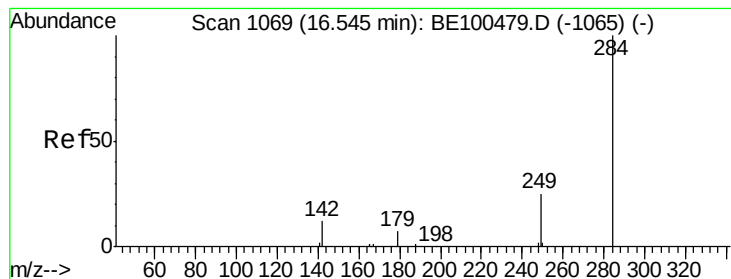
Ion Ratio Lower Upper

248 100

250 89.3 84.4 126.6

141 87.1 32.2 48.2#





#21

Hexachlorobenzene

Concen: 3.273 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

Instrument :

BNA_E

ClientSampled :

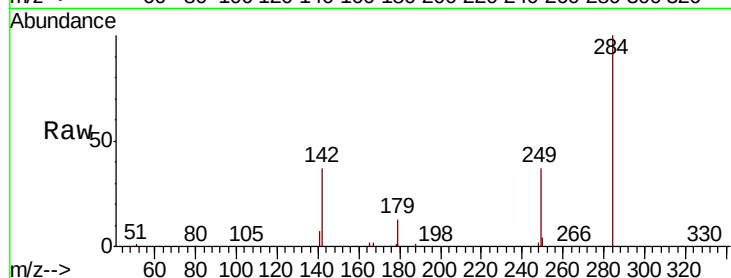
Tot Ion:284 Resp: 37986

Ion Ratio Lower Upper

284 100

142 32.6 26.7 40.1

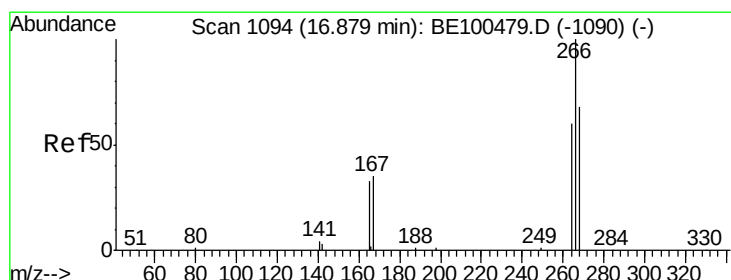
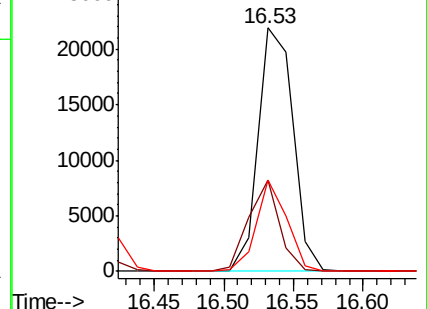
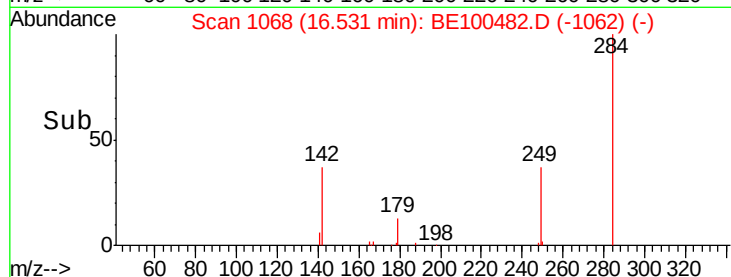
249 32.3 25.0 37.4



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: 4.103 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

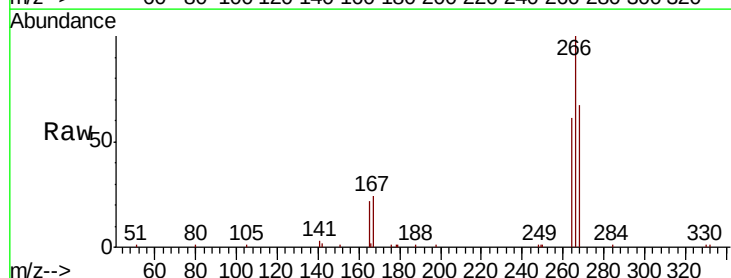
Tgt Ion:266 Resp: 19277

Ion Ratio Lower Upper

266 100

264 61.1 50.4 75.6

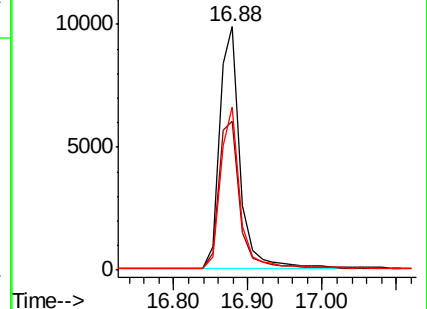
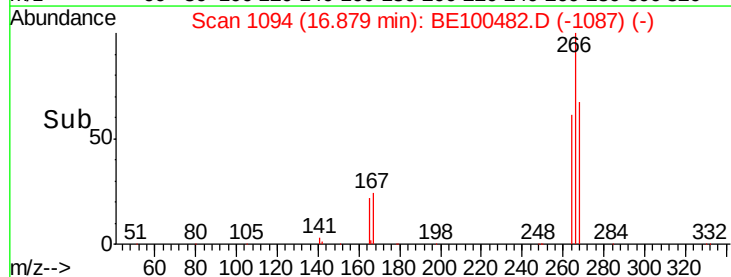
268 66.7 56.6 85.0

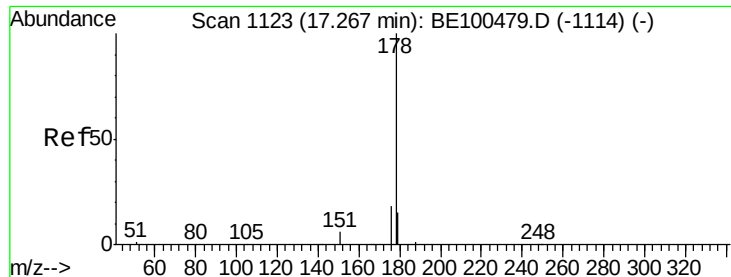


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

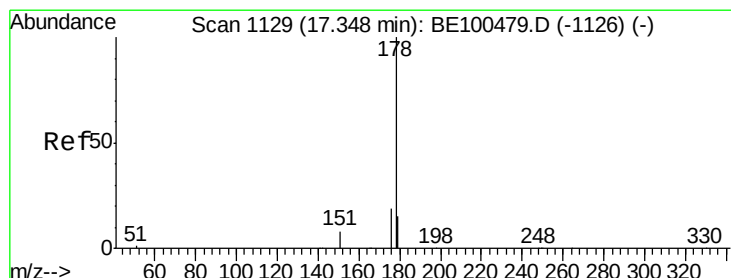
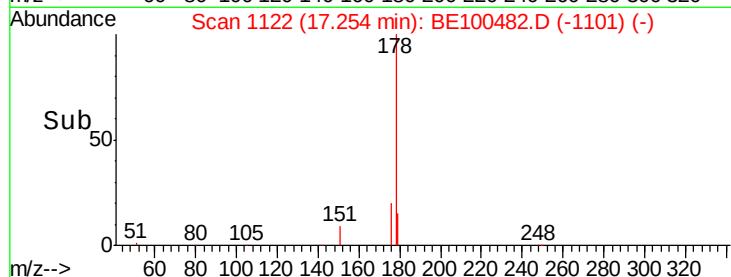
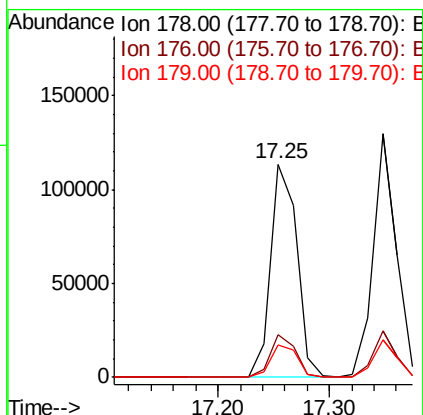
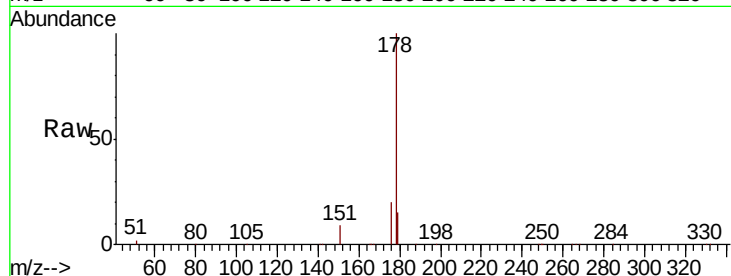




#23
Phenanthrene
Concen: 3.175 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

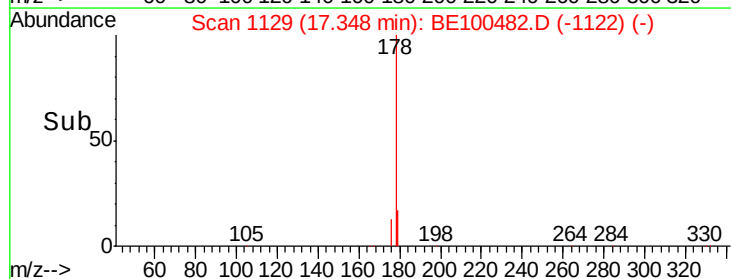
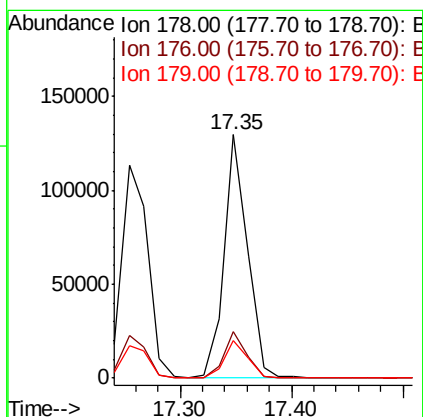
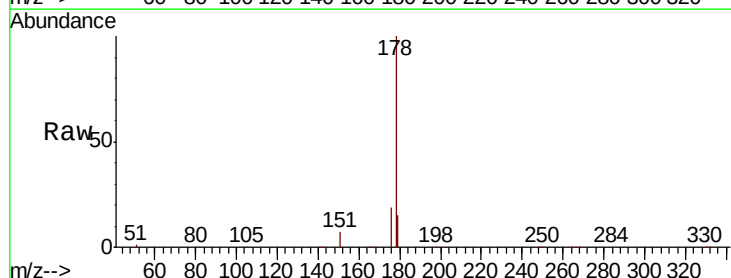
Instrument :
BNA_E
ClientSampleId :

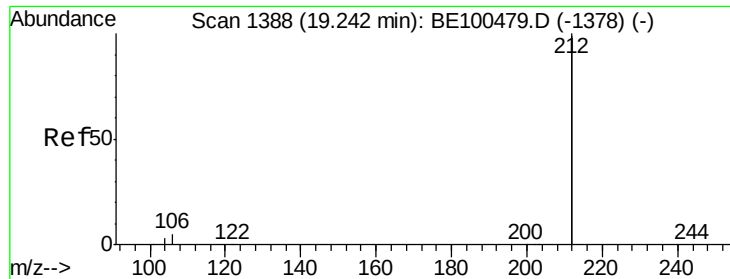
Tot Ion:178 Resp: 189451
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.3 12.6 18.8



#24
Anthracene
Concen: 3.363 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:178 Resp: 187526
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.4 12.2 18.2

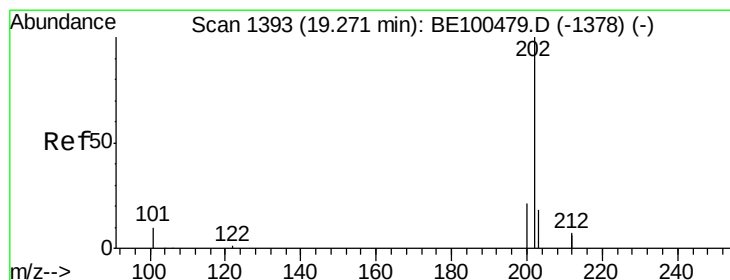
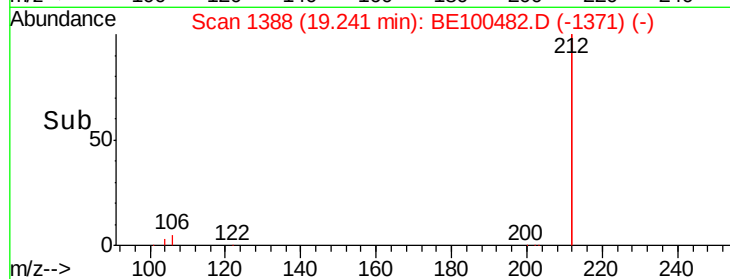
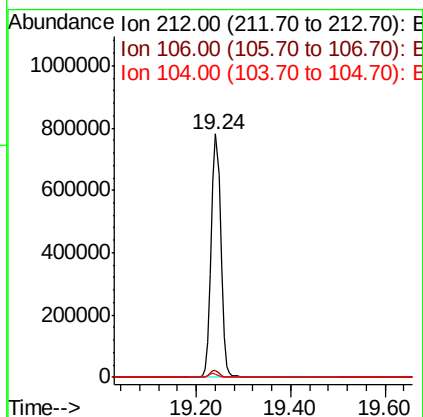
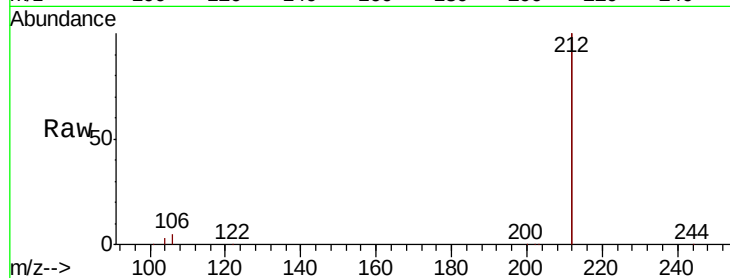




#25
 Fluoranthene-d10
 Concen: 3.177 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE100482.D
 Acq: 22 Jul 2019 15:42

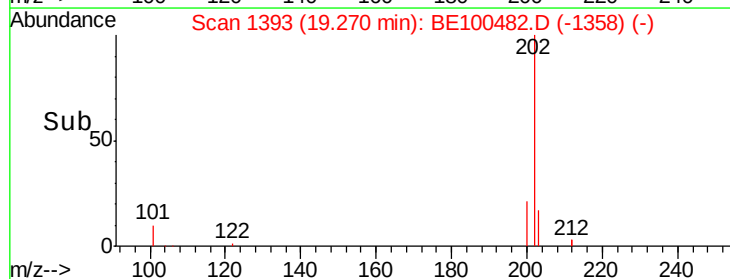
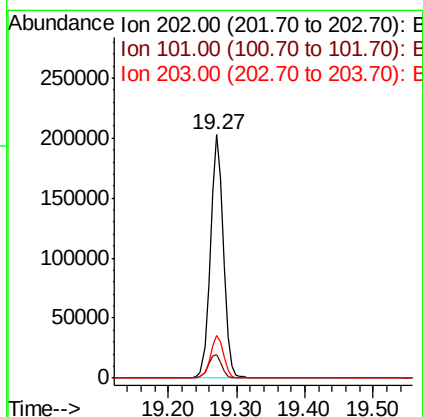
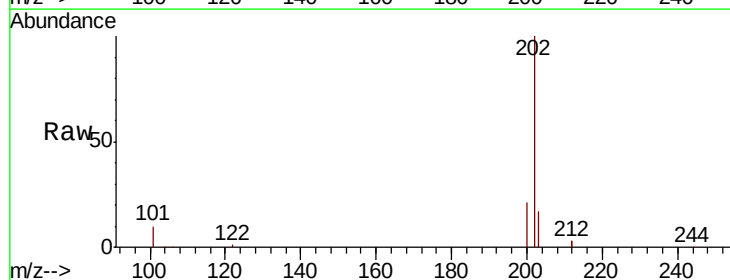
Instrument :
 BNA_E
 ClientSampleId :

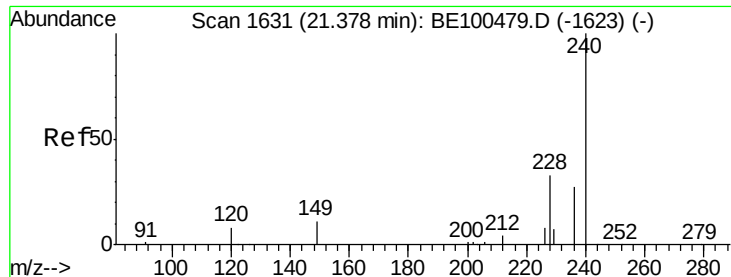
Tot Ion:212 Resp: 1073279
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.2 3.4
 104 1.5 1.2 1.8



#26
 Fluoranthene
 Concen: 3.031 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BE100482.D
 Acq: 22 Jul 2019 15:42

Tgt Ion:202 Resp: 268751
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.0 12.0
 203 17.6 13.5 20.3

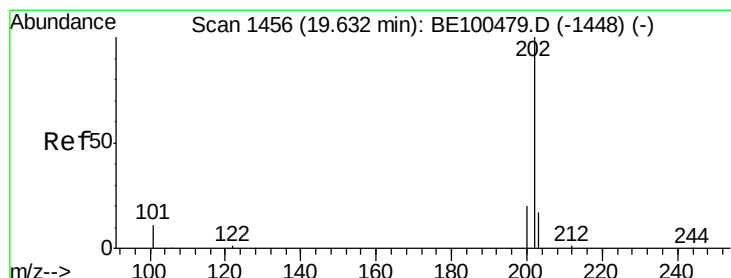
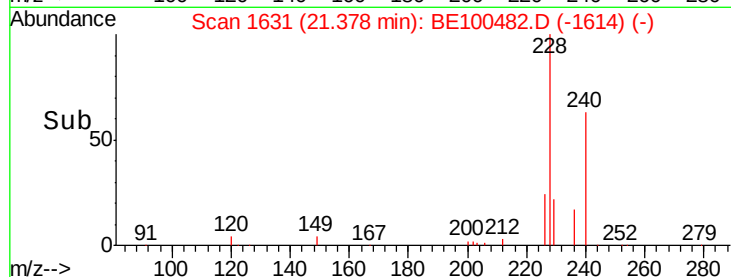
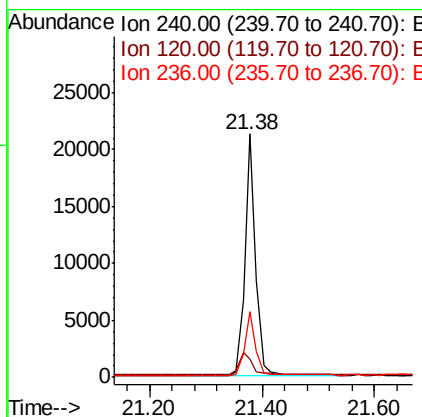
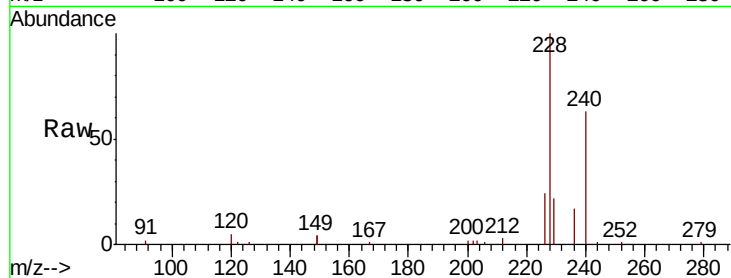




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

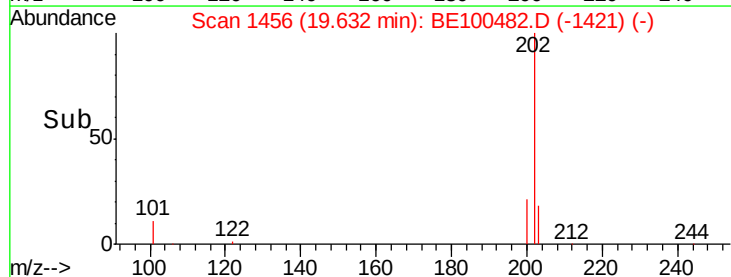
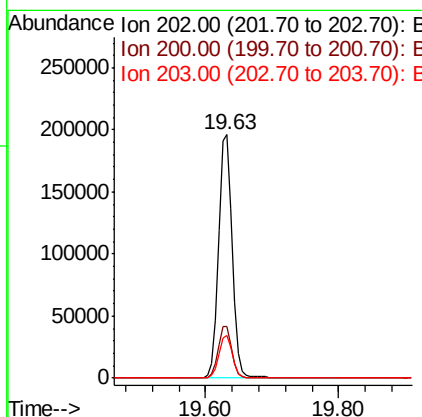
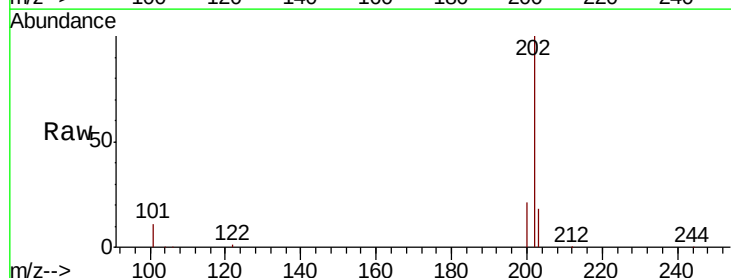
Instrument :
BNA_E
ClientSampleId :

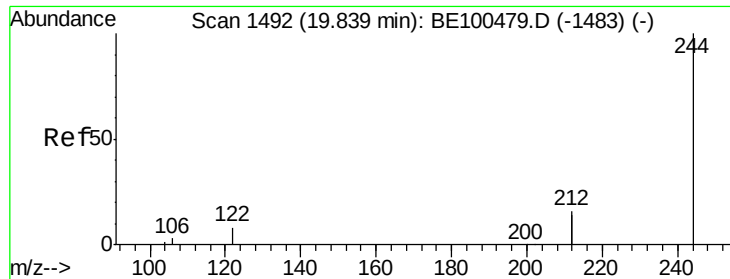
Tot Ion:240 Resp: 28266
Ion Ratio Lower Upper
240 100
120 7.7 8.2 12.2#
236 27.1 22.6 34.0



#28
Pyrene
Concen: 3.324 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BE100482.D
Acq: 22 Jul 2019 15:42

Tgt Ion:202 Resp: 276247
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 3.337 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

Instrument :

BNA_E

ClientSampleId :

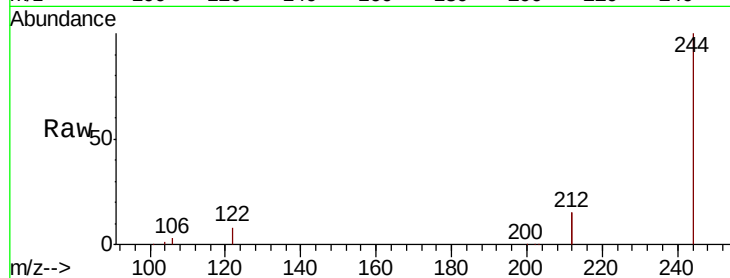
Tot Ion:244 Resp: 217538

Ion Ratio Lower Upper

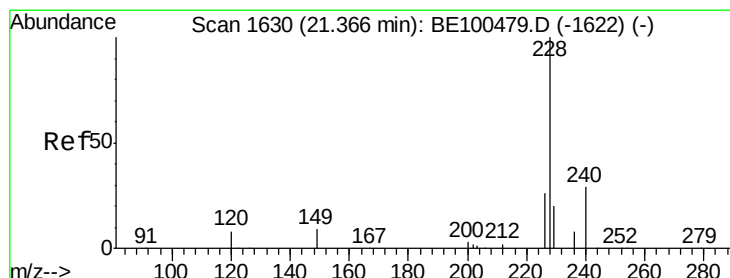
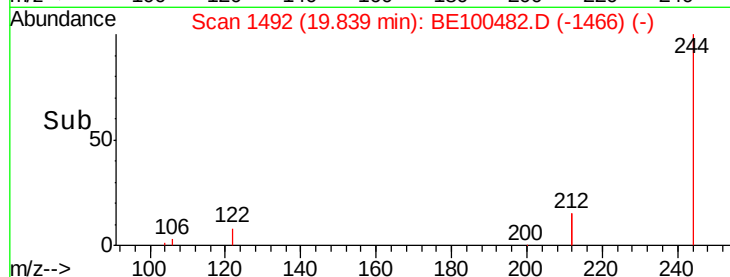
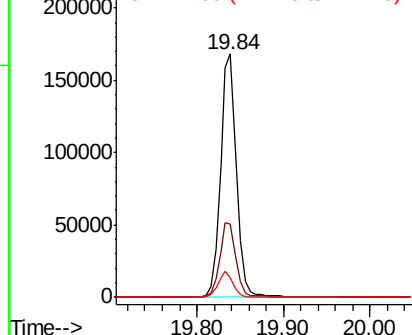
244 100

212 30.4 25.6 38.4

122 8.3 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: 3.183 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

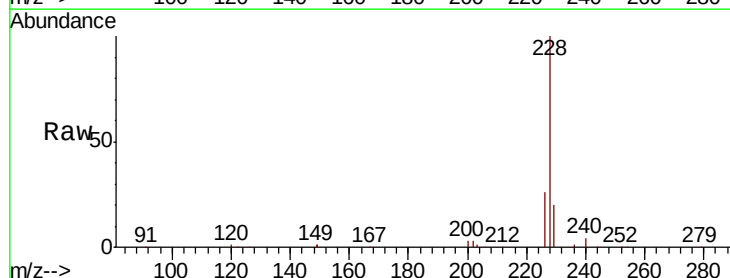
Tgt Ion:228 Resp: 274454

Ion Ratio Lower Upper

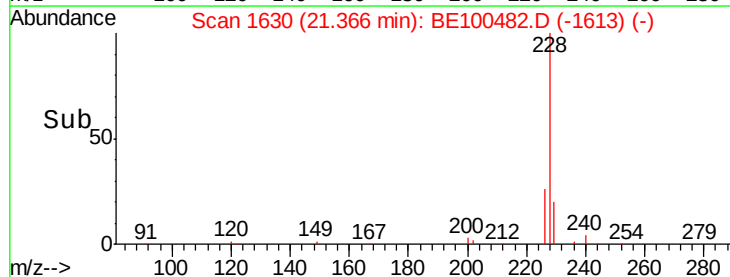
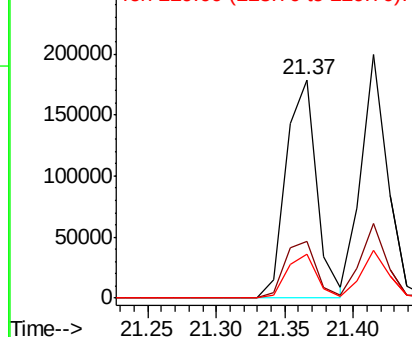
228 100

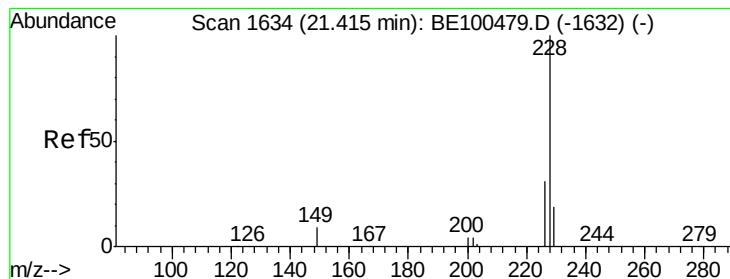
226 26.2 21.4 32.2

229 20.1 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: 3.110 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

Instrument :

BNA_E

ClientSampled :

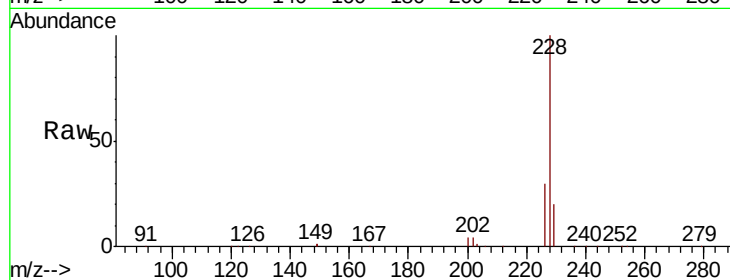
Tot Ion:228 Resp: 267445

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.6

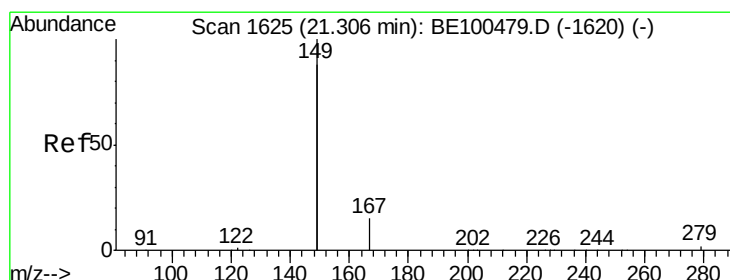
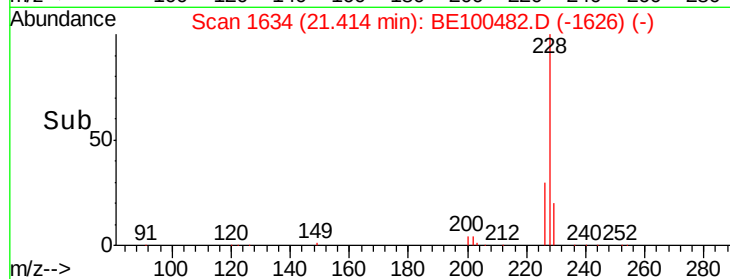
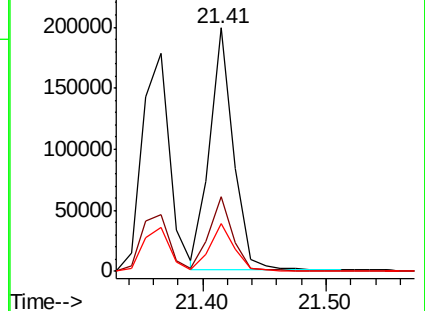
229 19.6 16.7 25.1



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: 3.059 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

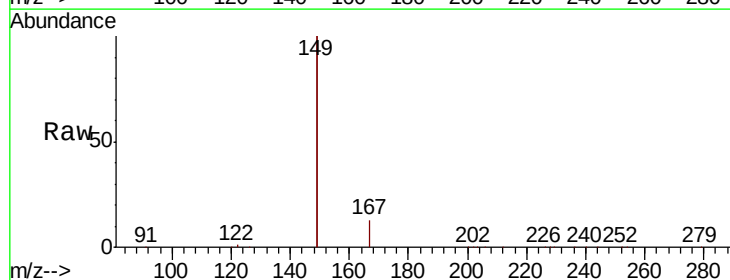
Tgt Ion:149 Resp: 585322

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

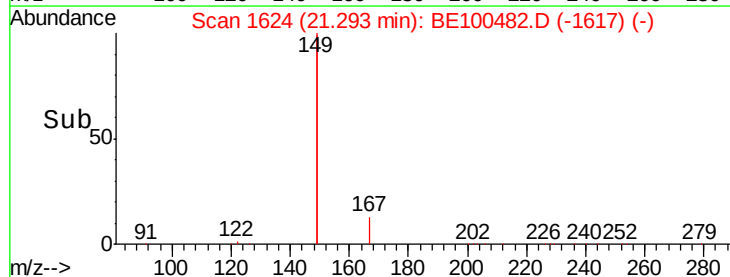
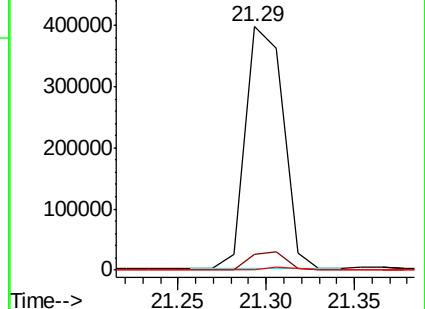
279 1.0 1.0 1.6#

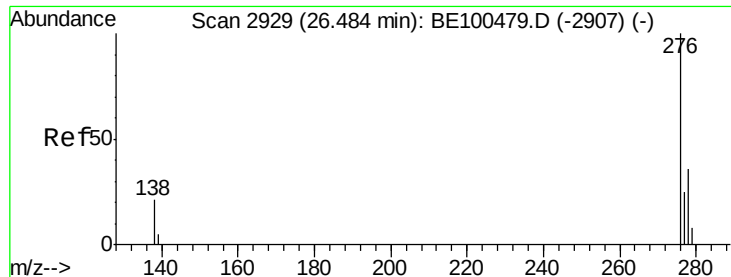


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

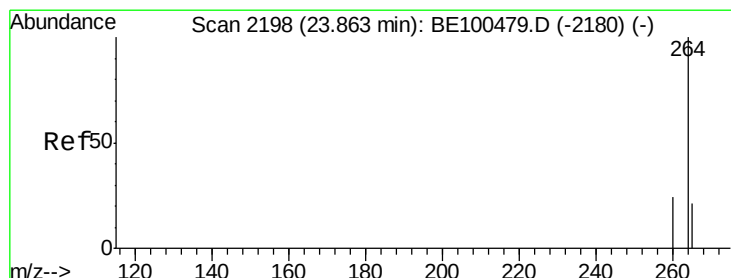
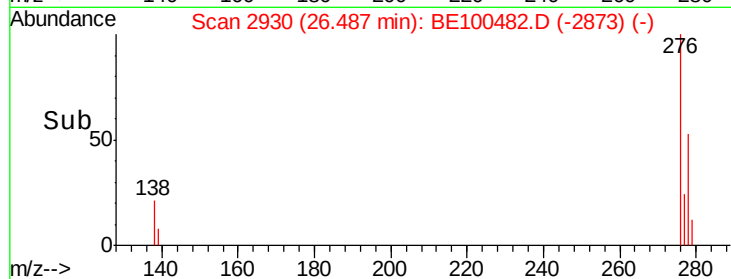
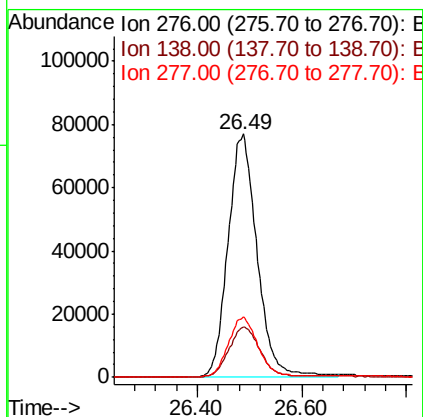
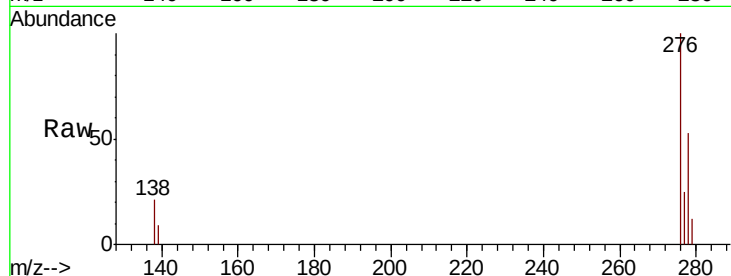




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.177 ng
 RT: 26.49 min Scan# 2930
 Delta R.T. 0.00 min
 Lab File: BE100482.D
 Acq: 22 Jul 2019 15:42

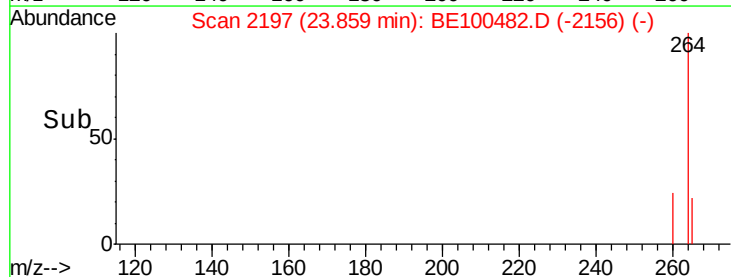
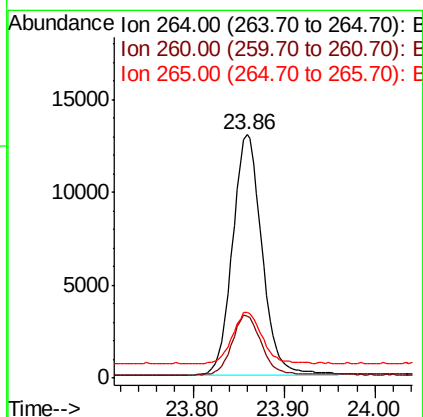
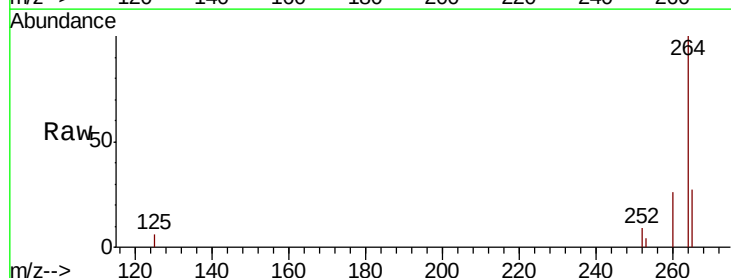
Instrument :
 BNA_E
 ClientSampleId :

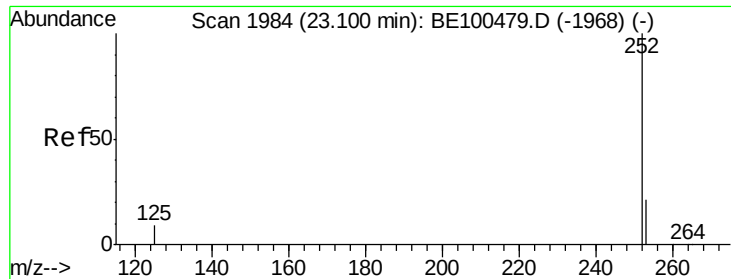
Tot Ion:276 Resp: 295346
 Ion Ratio Lower Upper
 276 100
 138 22.0 16.6 25.0
 277 24.8 19.1 28.7



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: BE100482.D
 Acq: 22 Jul 2019 15:42

Tgt Ion:264 Resp: 29188
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.7 31.1
 265 27.1 23.4 35.2





#35

Benzo(b)fluoranthene

Concen: 3.285 ng

RT: 23.10 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

Instrument :

BNA_E

ClientSampleId :

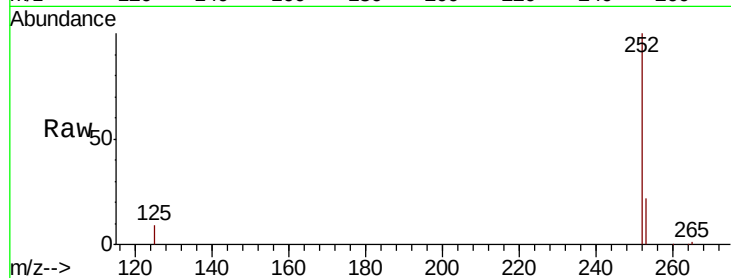
Tot Ion:252 Resp: 264904

Ion Ratio Lower Upper

252 100

253 21.9 19.2 28.8

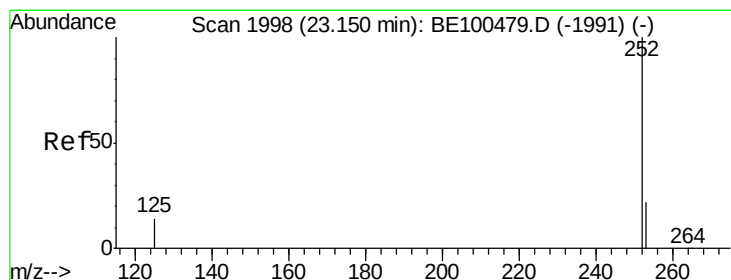
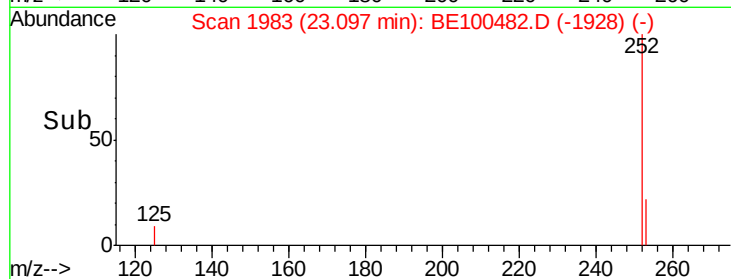
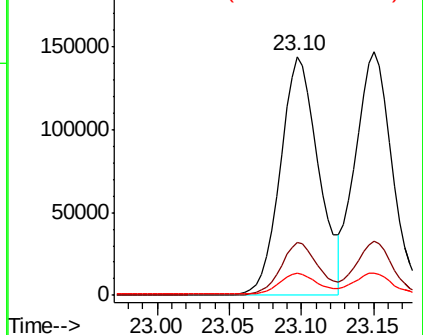
125 9.3 11.9 17.9#



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: 3.143 ng

RT: 23.15 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

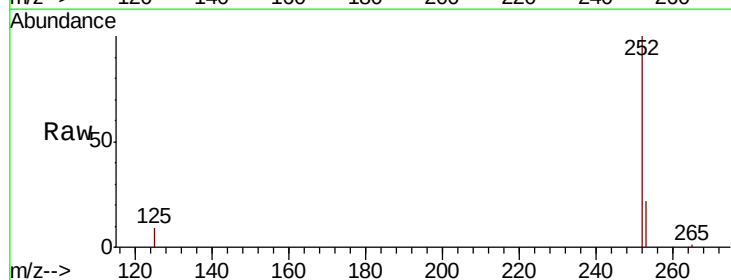
Tgt Ion:252 Resp: 269360

Ion Ratio Lower Upper

252 100

253 22.0 19.7 29.5

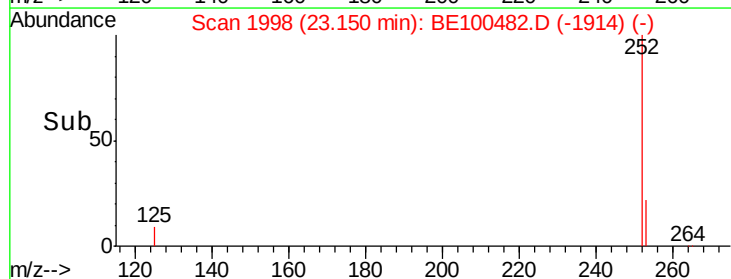
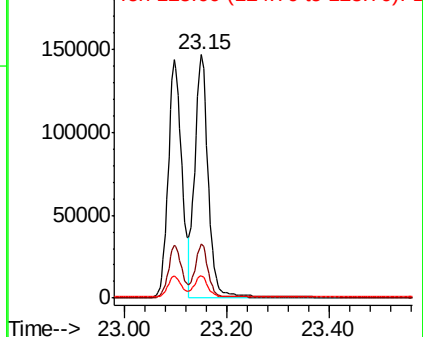
125 9.3 15.2 22.8#

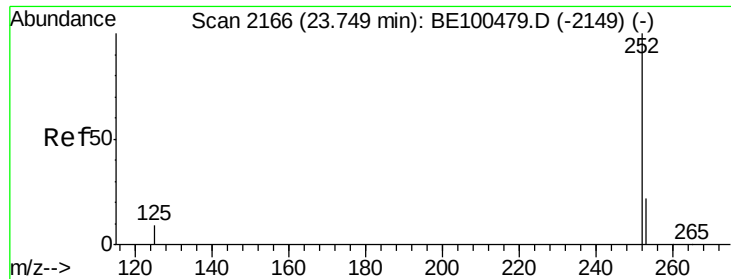


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 3.218 ng

RT: 23.75 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BE100482.D

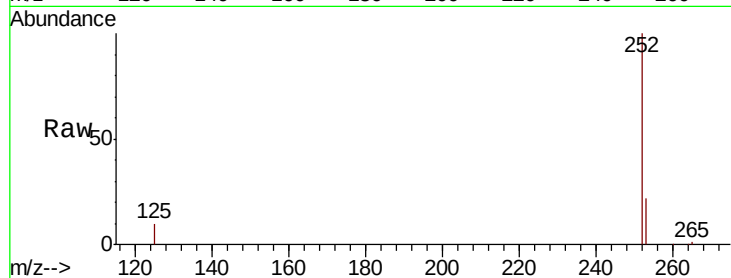
Acq: 22 Jul 2019 15:42

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	252	Resp:	250351
Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.0	30.0
125	10.3	14.1	21.1#

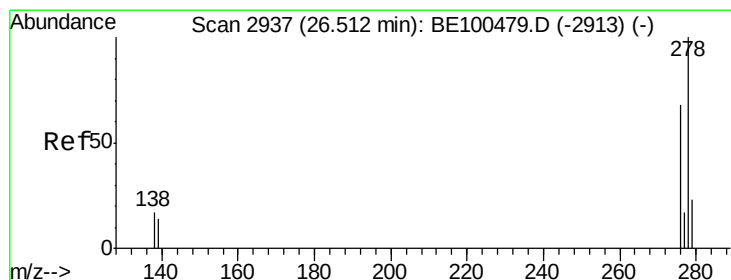
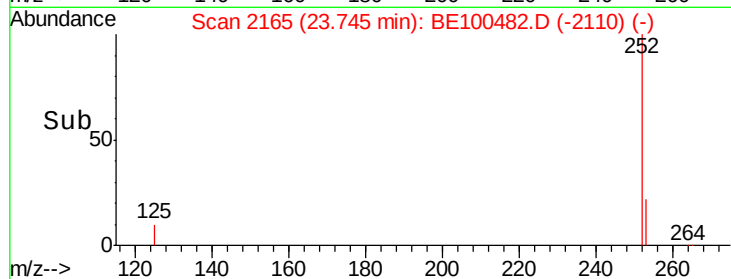
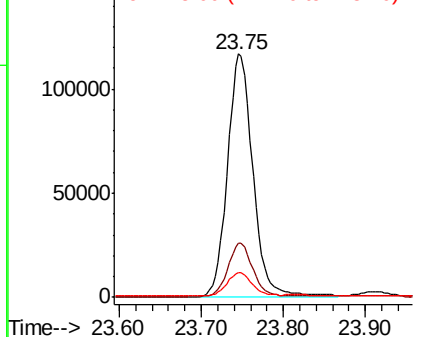


Abundance

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: 3.316 ng

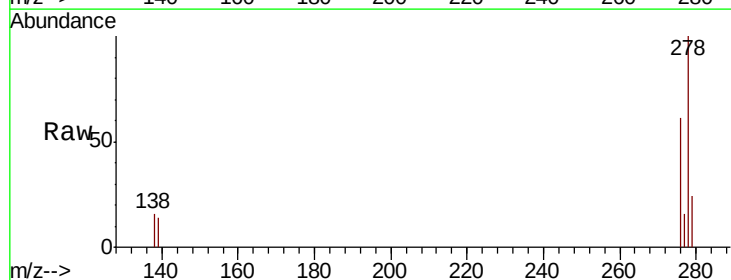
RT: 26.51 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

Tgt Ion:	278	Resp:	242970
Ion	Ratio	Lower	Upper
278	100		
139	14.3	16.8	25.2#
279	23.8	21.8	32.8

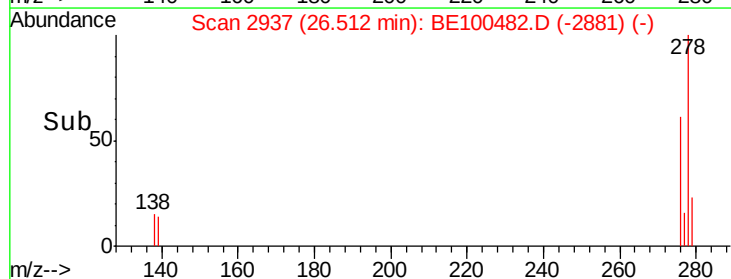
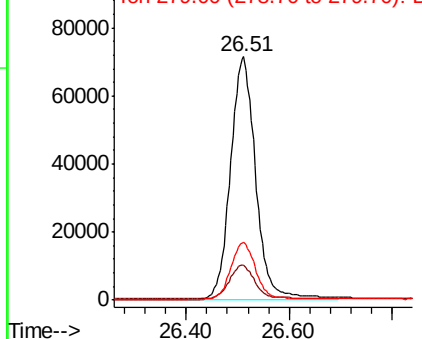


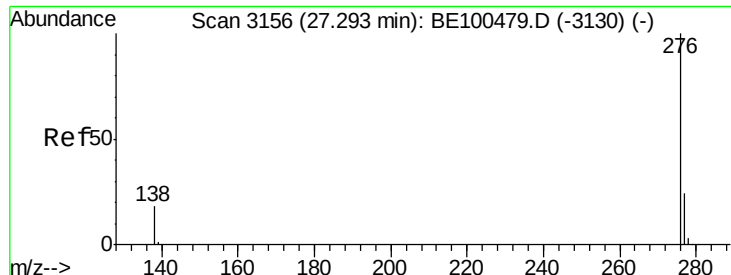
Abundance

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: 3.198 ng

RT: 27.29 min Scan# 3155

Delta R.T. -0.00 min

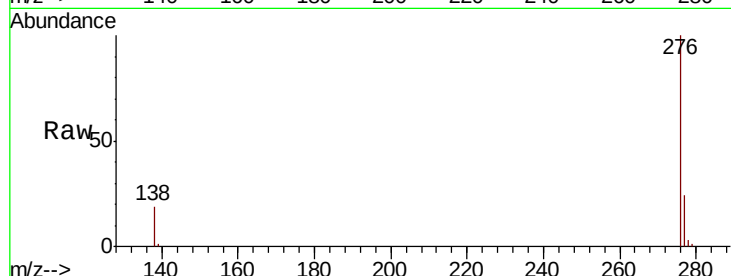
Lab File: BE100482.D

Acq: 22 Jul 2019 15:42

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 241397

Ion Ratio Lower Upper

276 100

277 24.1 22.0 33.0

138 19.1 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

