

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
 Data File : BE100479.D
 Acq On : 22 Jul 2019 13:49
 Operator : HP/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 22 15:51:47 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	7.87	152	2573	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	10872	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	7268	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	18894	0.40	ng	0.00
27) Chrysene-d12	21.38	240	22392	0.40	ng	0.00
34) Perylene-d12	23.86	264	24143	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	2467	0.39	ng	0.00
5) Phenol-d6	7.03	99	3544	0.39	ng	0.00
8) Nitrobenzene-d5	9.02	82	3398	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	7025	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1092	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	11096	0.37	ng	0.00
25) Fluoranthene-d10	19.24	212	100488	0.38	ng	0.00
29) Terphenyl-d14	19.84	244	21508	0.42	ng	0.00

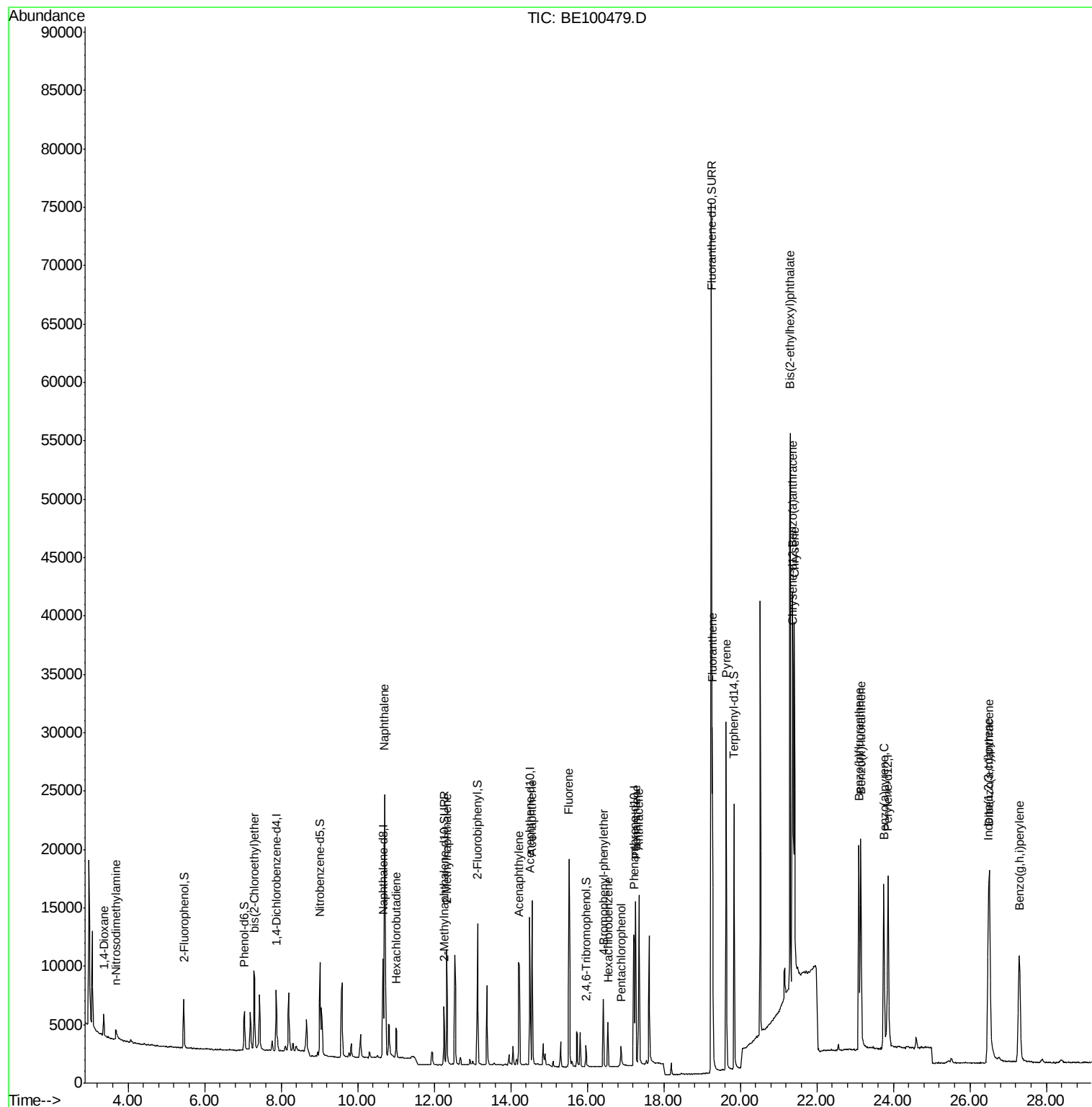
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	1542	0.390	ng	98
3) n-Nitrosodimethylamine	3.68	42	940	0.411	ng	# 98
6) bis(2-Chloroethyl)ether	7.30	93	3040	0.390	ng	100
9) Naphthalene	10.71	128	41755	0.401	ng	100
10) Hexachlorobutadiene	11.00	225	1995	0.400	ng	100
12) 2-Methylnaphthalene	12.32	142	7336	0.404	ng	100
16) Acenaphthylene	14.21	152	12484	0.374	ng	100
17) Acenaphthene	14.56	154	7620	0.375	ng	100
18) Fluorene	15.53	166	10306	0.381	ng	100
20) 4-Bromophenyl-phenylether	16.42	248	3469	0.398	ng	100
21) Hexachlorobenzene	16.54	284	3580	0.394	ng	100
22) Pentachlorophenol	16.88	266	1325	0.360	ng	100
23) Phenanthrene	17.27	178	18044	0.386	ng	100
24) Anthracene	17.35	178	16834	0.385	ng	100
26) Fluoranthene	19.27	202	26309	0.379	ng	100
28) Pyrene	19.63	202	27369	0.416	ng	100
30) Benzo(a)anthracene	21.37	228	26847	0.393	ng	100
31) Chrysene	21.41	228	26566	0.390	ng	100
32) Bis(2-ethylhexyl)phthalate	21.31	149	62762	0.414	ng	100
33) Indeno(1,2,3-cd)pyrene	26.48	276	29174	0.396	ng	100
35) Benzo(b)fluoranthene	23.10	252	25402	0.381	ng	100
36) Benzo(k)fluoranthene	23.15	252	26912	0.380	ng	100
37) Benzo(a)pyrene	23.75	252	24757	0.385	ng	100
38) Dibenzo(a,h)anthracene	26.51	278	23044	0.380	ng	100
39) Benzo(g,h,i)perylene	27.29	276	23997	0.384	ng	100

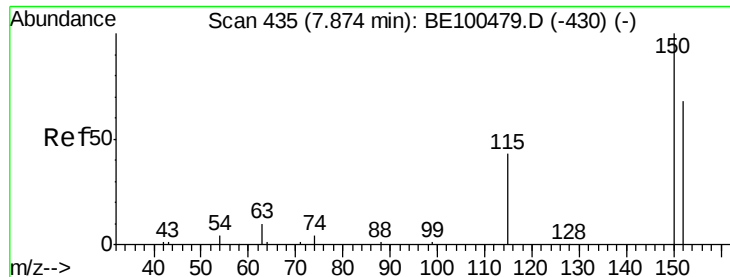
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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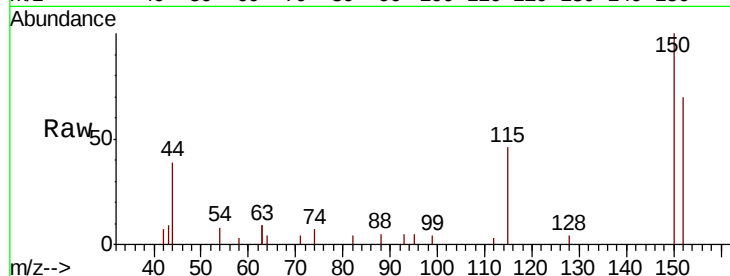


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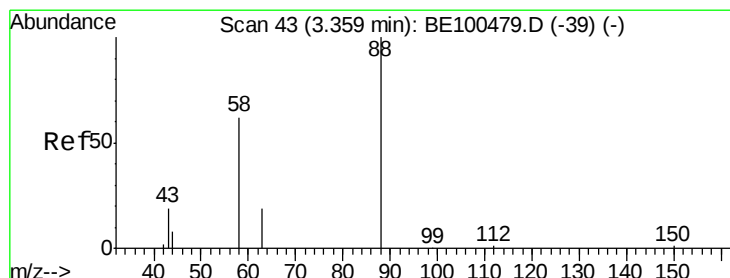
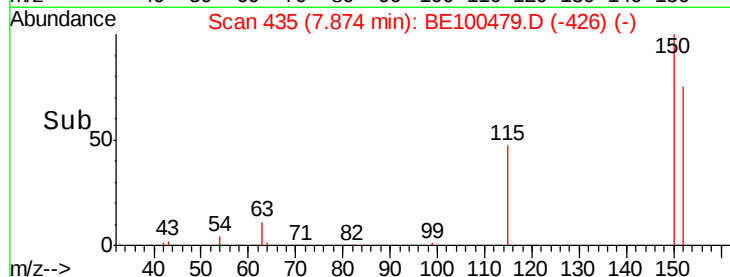
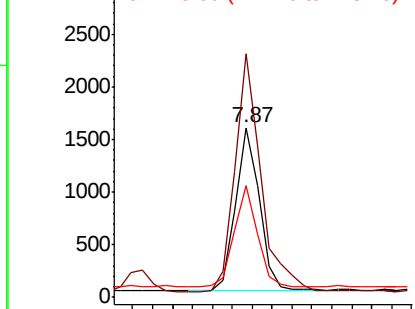
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2573
Ion Ratio Lower Upper
152 100
150 143.8 115.0 172.6
115 66.1 52.9 79.3



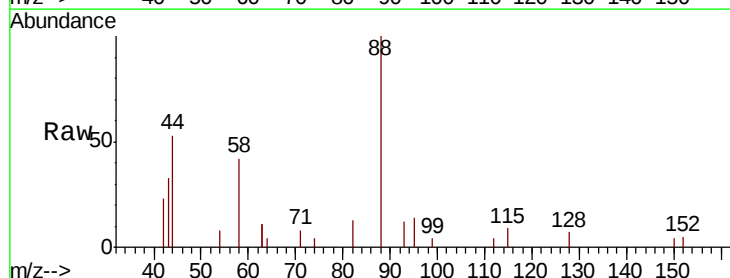
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



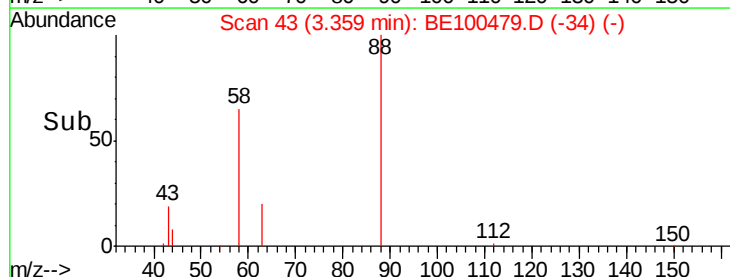
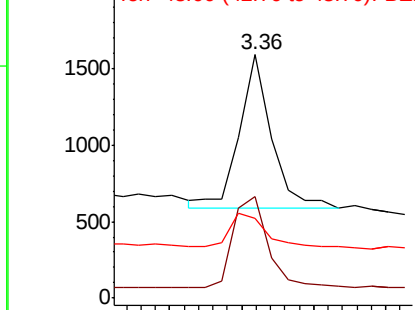
#2

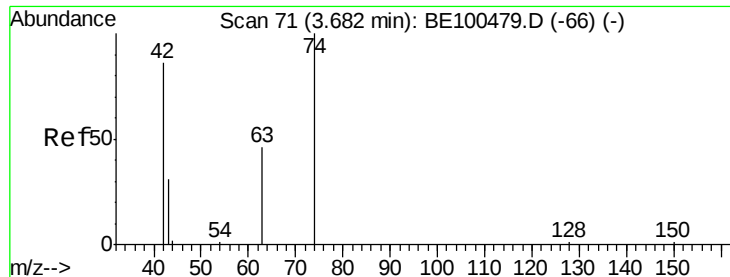
1,4-Dioxane
Concen: 0.390 ng
RT: 3.36 min Scan# 43
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion: 88 Resp: 1542
Ion Ratio Lower Upper
88 100
58 66.2 53.2 79.8
43 22.8 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



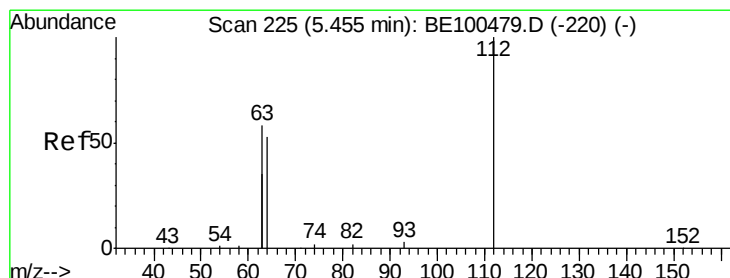
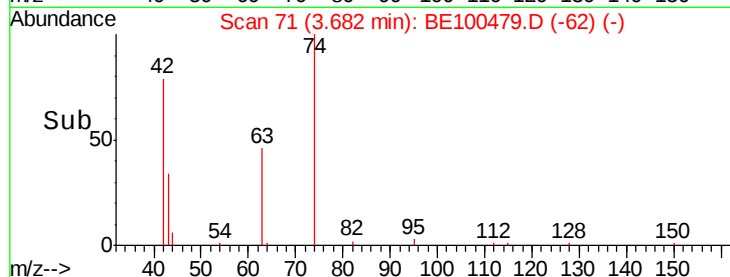
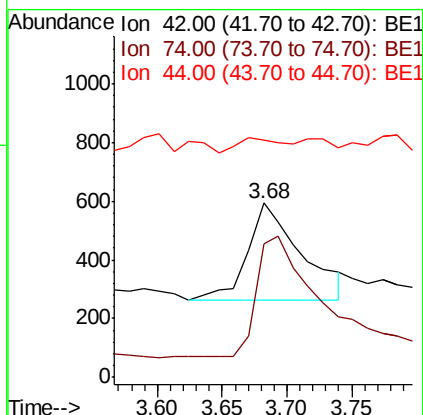
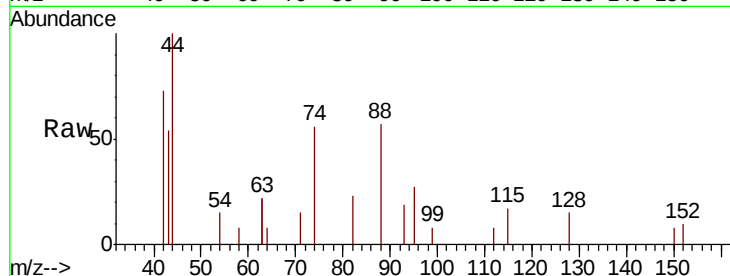


#3

n-Nitrosodimethylamine
 Concen: 0.411 ng
 RT: 3.68 min Scan# 71
 Delta R.T. 0.00 min
 Lab File: BE100479.D
 Acq: 22 Jul 2019 13:49

Instrument :
 BNA_E
 ClientSampleId :

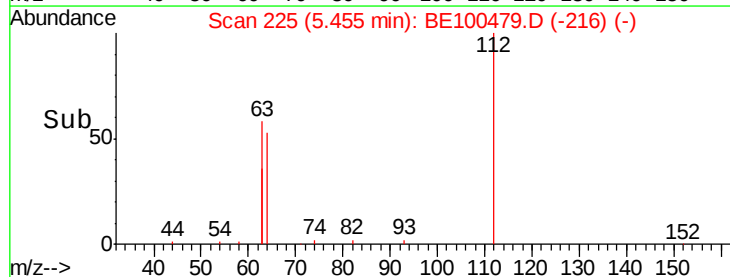
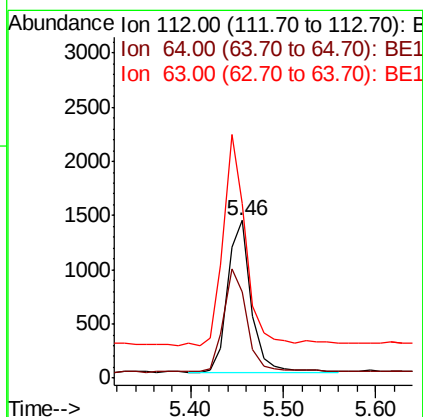
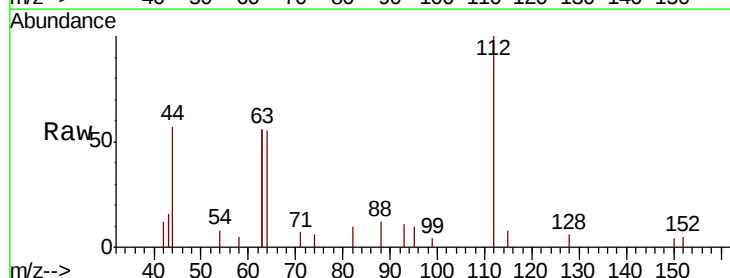
Tot Ion: 42 Resp: 940
 Ion Ratio Lower Upper
 42 100
 74 0.0 0.0 0.0
 44 12.7 9.6 14.4

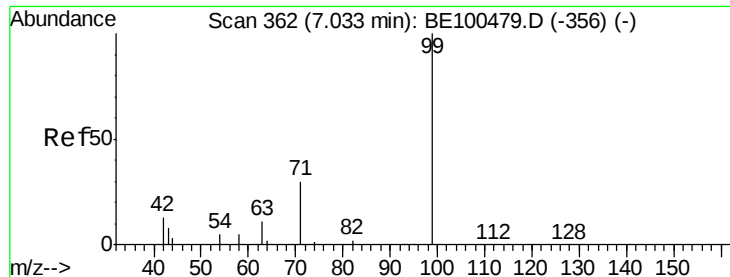


#4

2-Fluorophenol
 Concen: 0.385 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.00 min
 Lab File: BE100479.D
 Acq: 22 Jul 2019 13:49

Tgt Ion: 112 Resp: 2467
 Ion Ratio Lower Upper
 112 100
 64 67.6 54.1 81.1
 63 130.8 104.6 157.0





#5

Phenol-d6

Concen: 0.394 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

Instrument :

BNA_E

ClientSampleId :

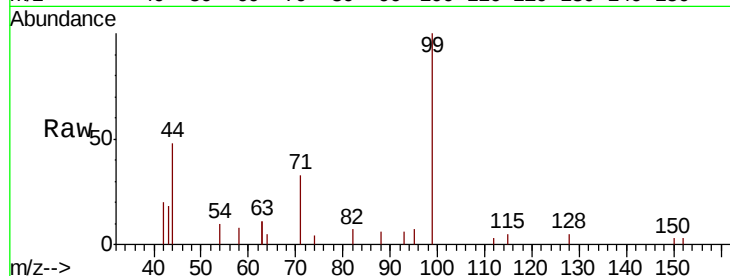
Tot Ion: 99 Resp: 3544

Ion Ratio Lower Upper

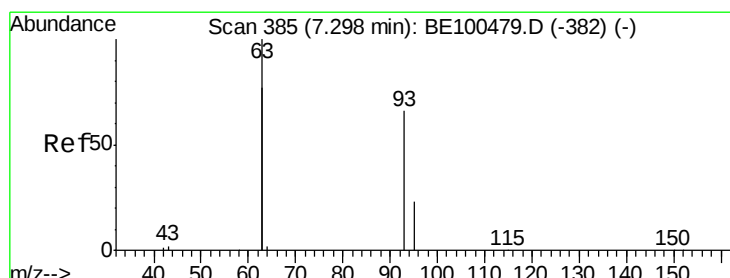
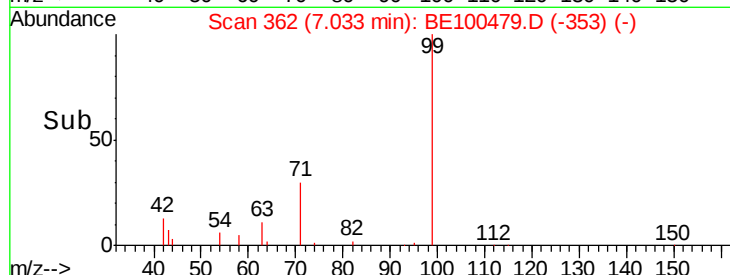
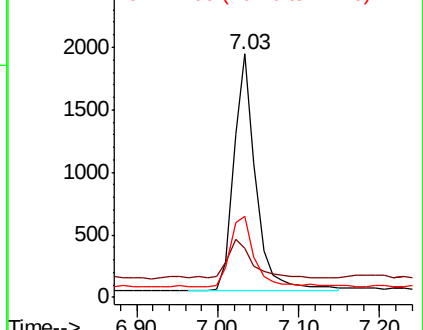
99 100

42 18.1 14.5 21.7

71 33.0 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: 0.390 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

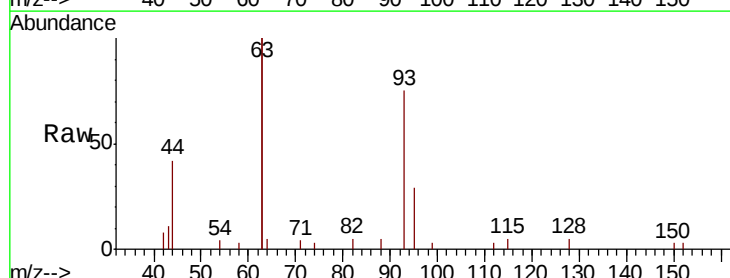
Tgt Ion: 93 Resp: 3040

Ion Ratio Lower Upper

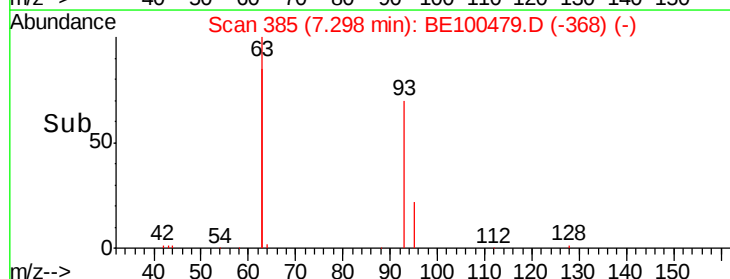
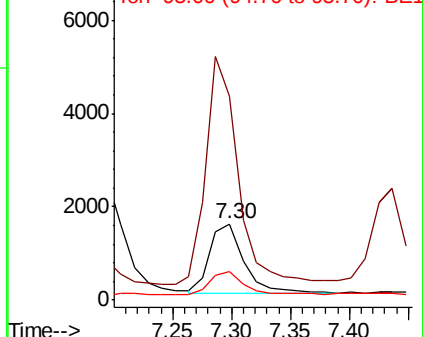
93 100

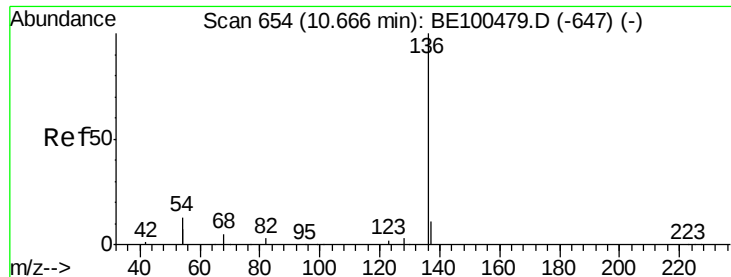
63 310.4 248.3 372.5

95 31.7 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: BE100479.D

Acq: 22 Jul 2019 13:49

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 10872

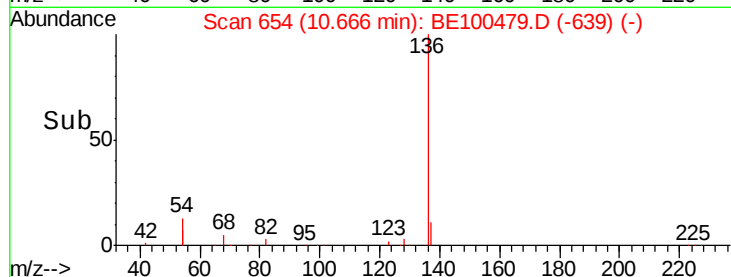
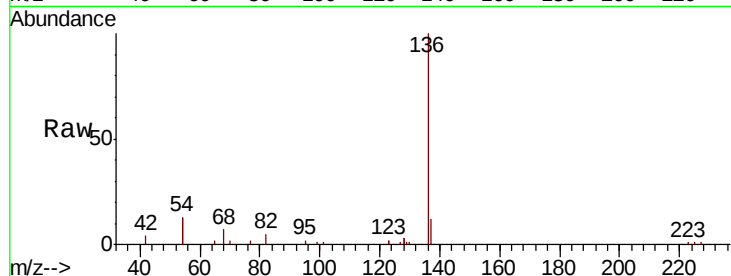
Ion Ratio Lower Upper

136 100

137 12.2 9.8 14.6

54 25.8 20.6 31.0

68 6.6 5.3 7.9

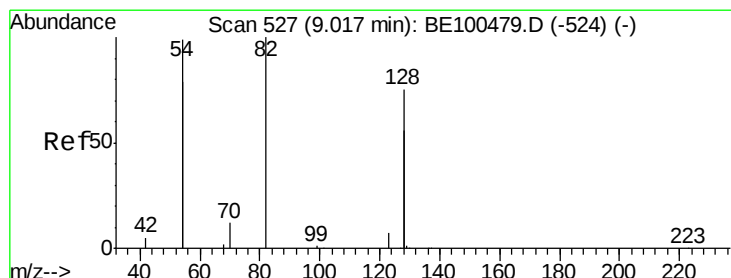
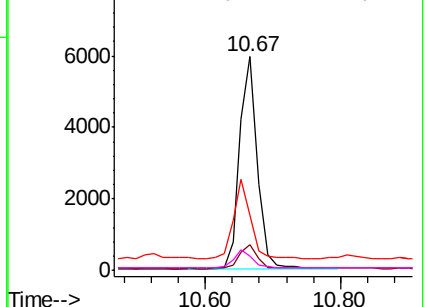


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

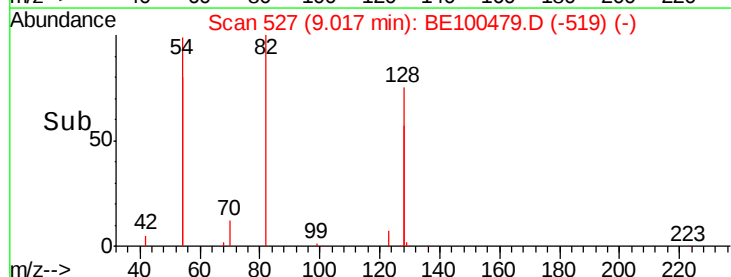
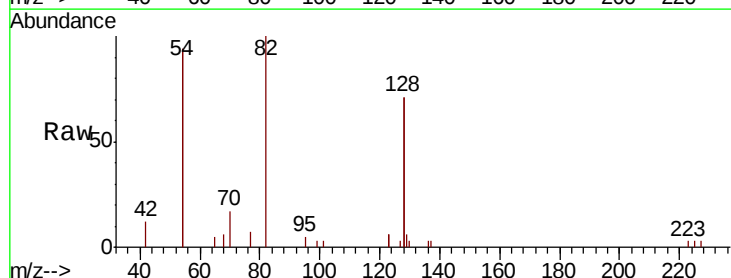
Tgt Ion: 82 Resp: 3398

Ion Ratio Lower Upper

82 100

128 142.0 113.6 170.4

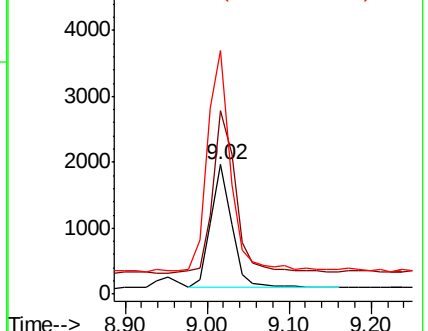
54 188.3 150.6 226.0

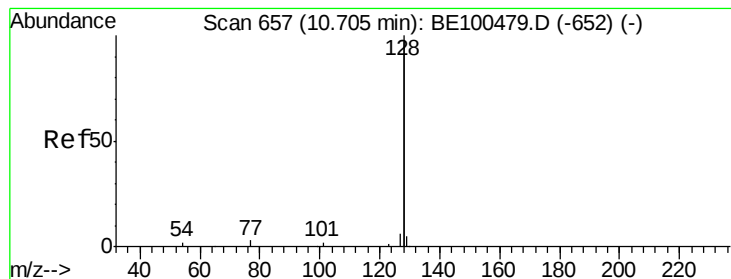


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.401 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

Instrument :

BNA_E

ClientSampled :

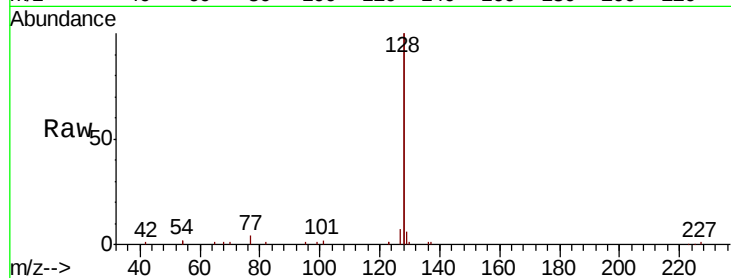
Tot Ion:128 Resp: 41755

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

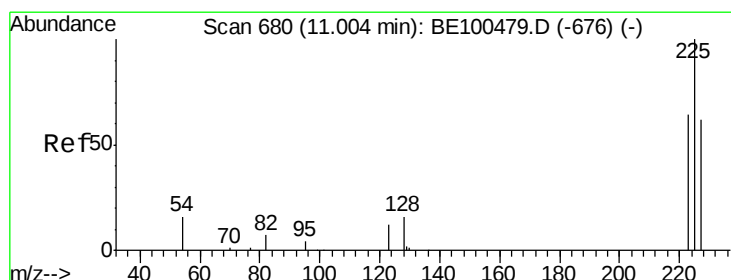
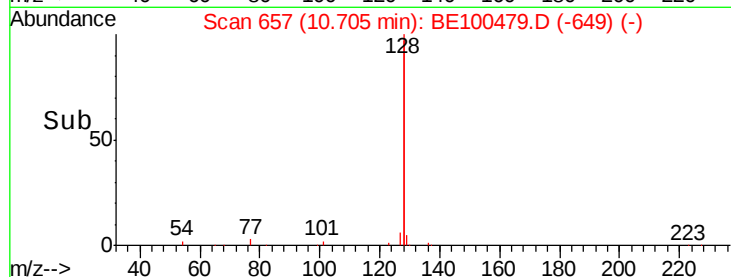
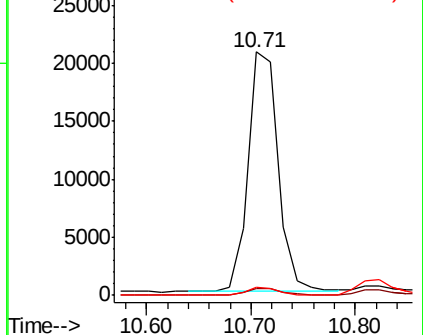
127 3.4 2.7 4.1



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: 0.400 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

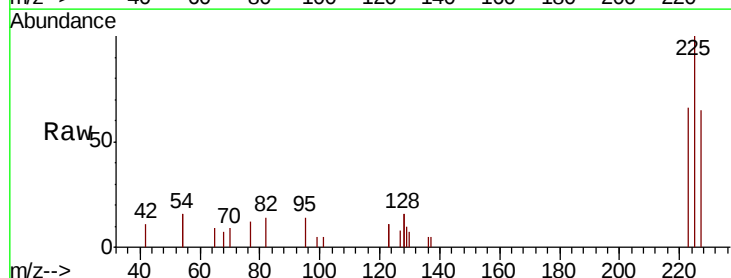
Tgt Ion:225 Resp: 1995

Ion Ratio Lower Upper

225 100

223 62.0 49.4 74.0

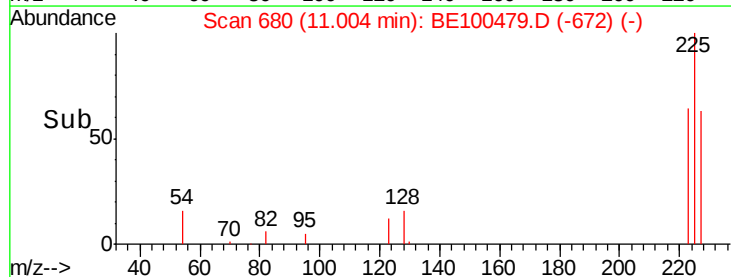
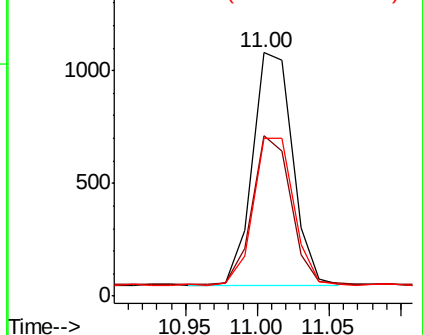
227 64.4 51.4 77.2

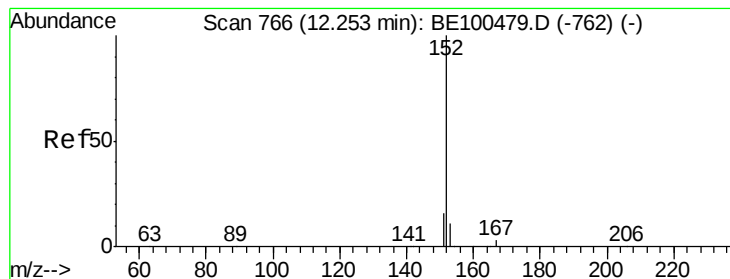


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

Instrument :

BNA_E

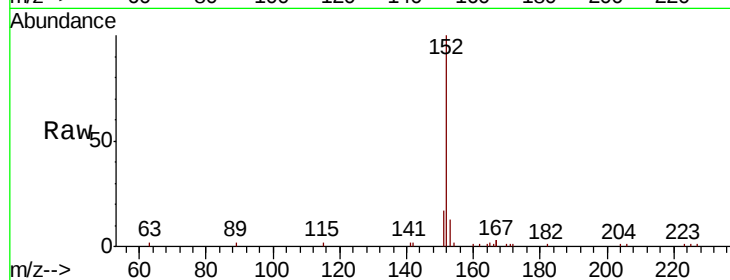
ClientSampleId :

Tot Ion:152 Resp: 7025

Ion Ratio Lower Upper

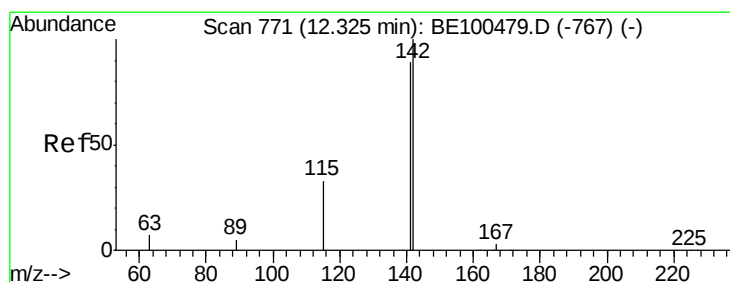
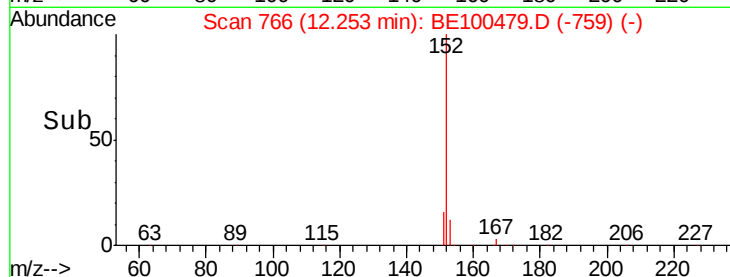
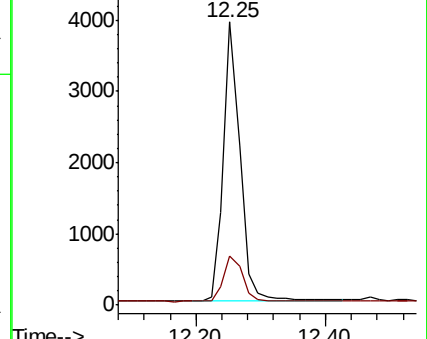
152 100

151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.404 ng

RT: 12.32 min Scan# 771

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

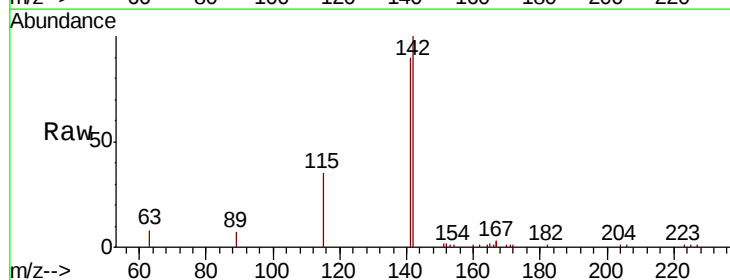
Tgt Ion:142 Resp: 7336

Ion Ratio Lower Upper

142 100

141 89.6 71.7 107.5

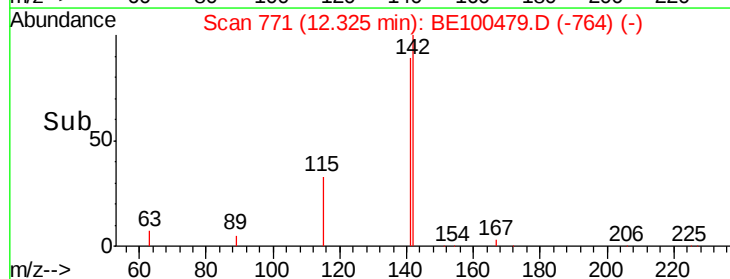
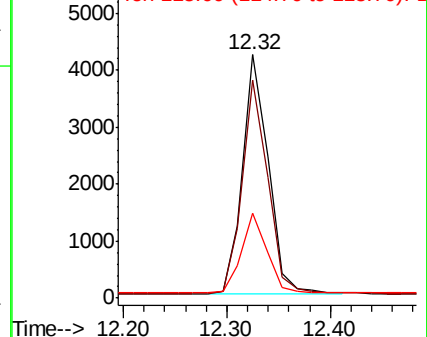
115 34.7 27.8 41.6

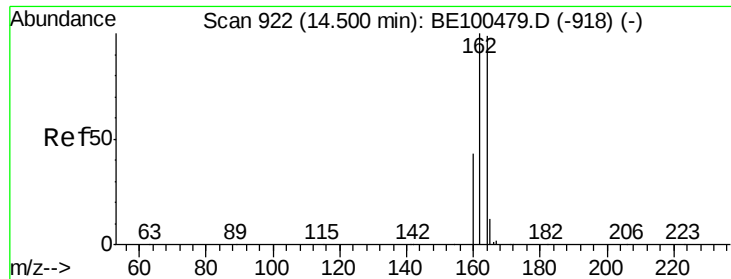


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

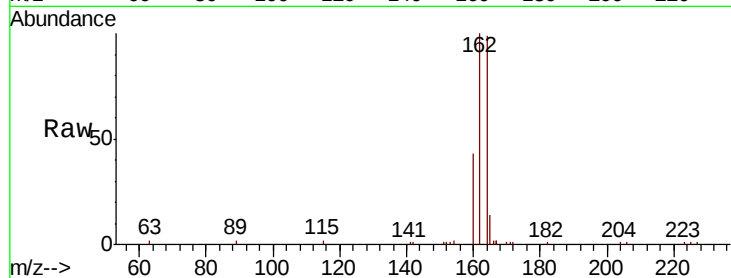




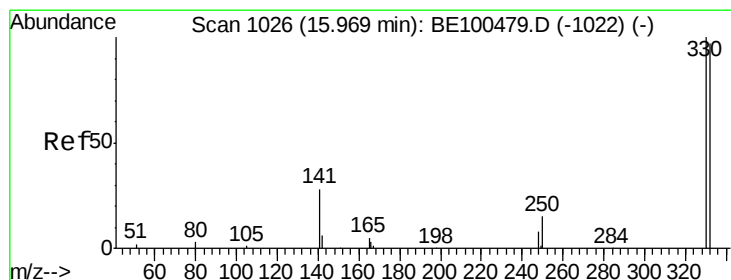
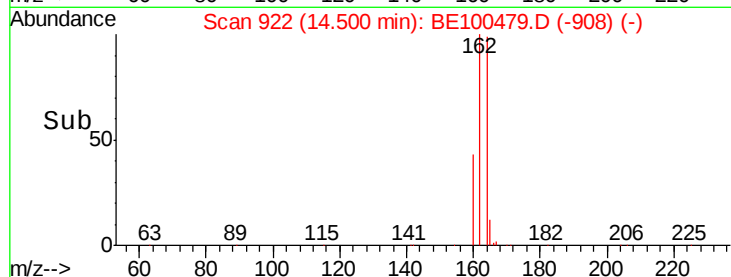
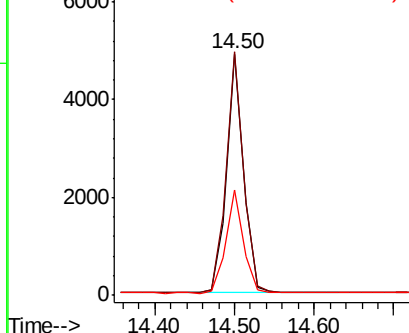
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 7268
Ion Ratio Lower Upper
164 100
162 101.0 80.8 121.2
160 43.6 34.9 52.3

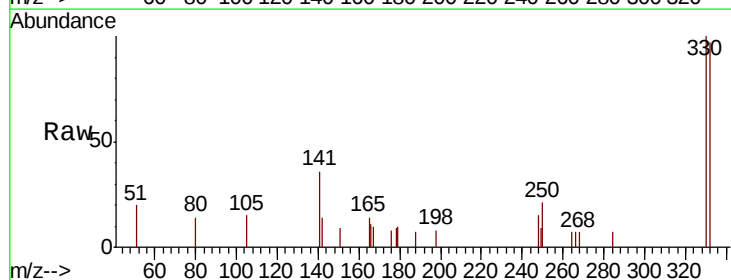


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

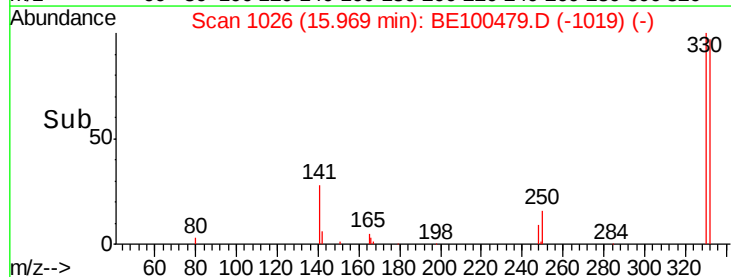
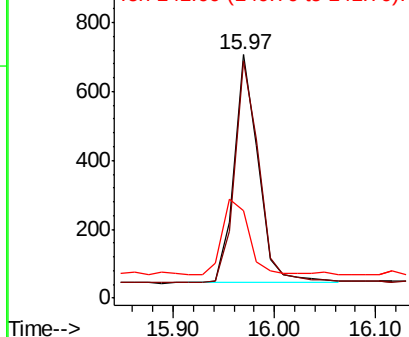


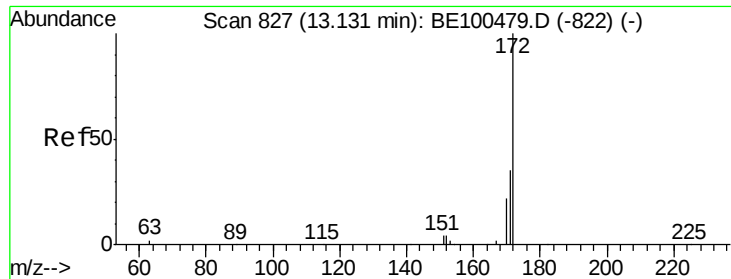
#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:330 Resp: 1092
Ion Ratio Lower Upper
330 100
332 100.6 80.5 120.7
141 37.4 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

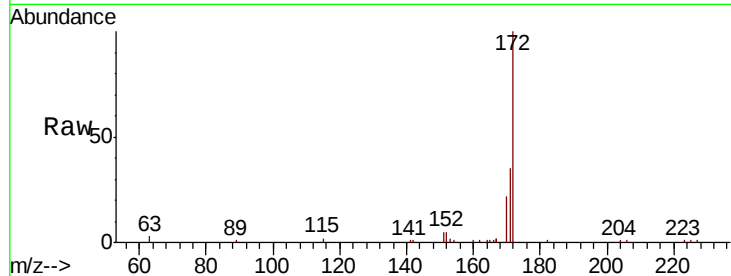




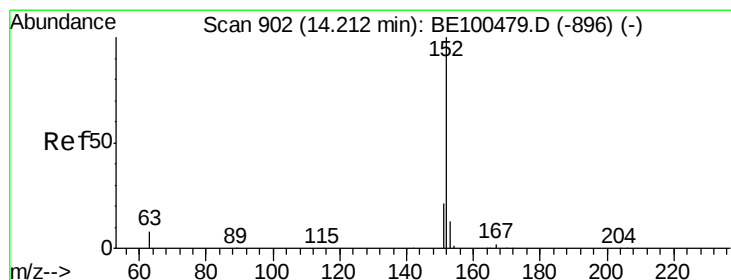
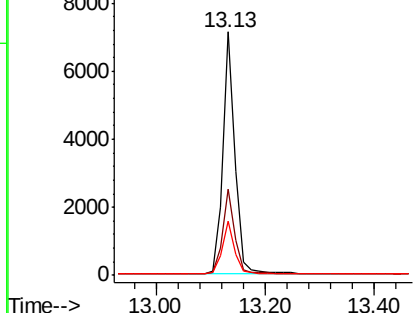
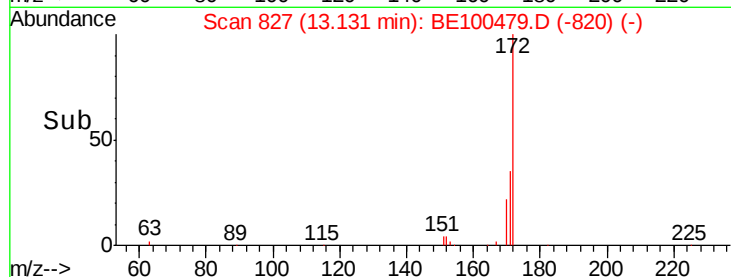
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 11096
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 22.3 17.8 26.8

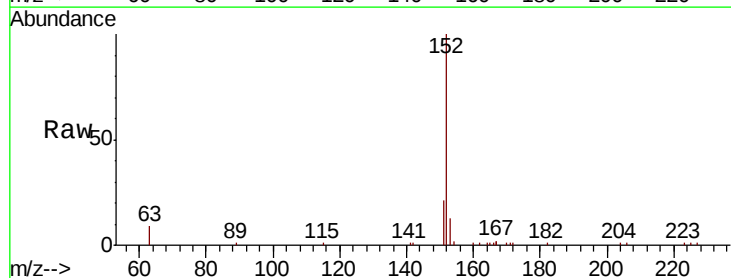


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

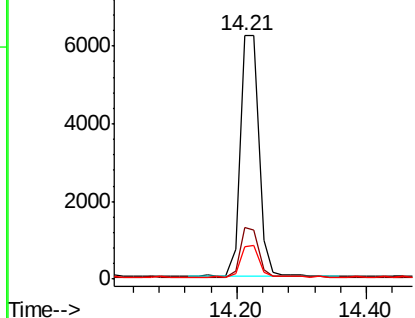
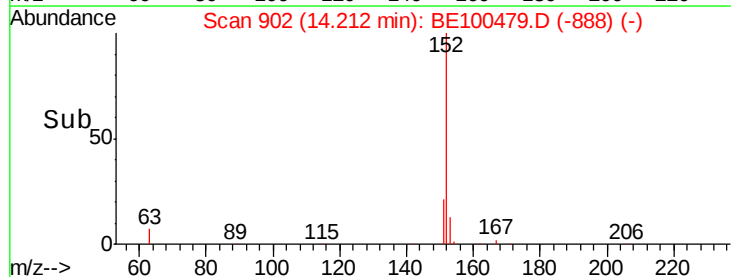


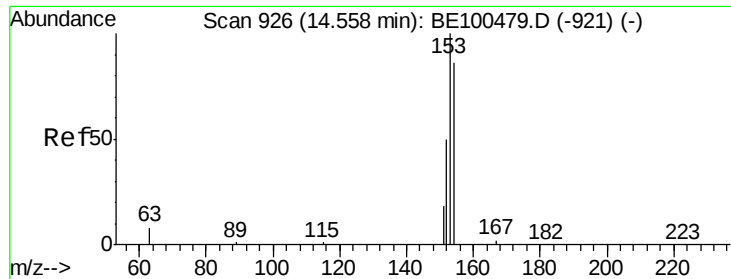
#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:152 Resp: 12484
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.2 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

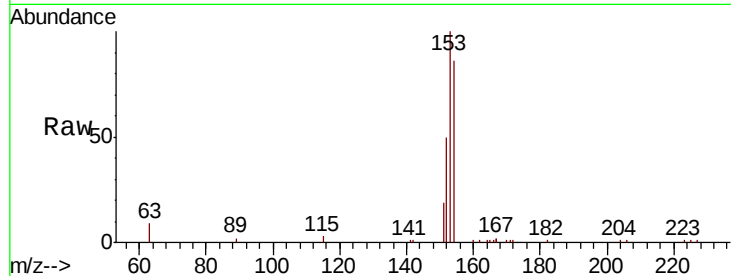




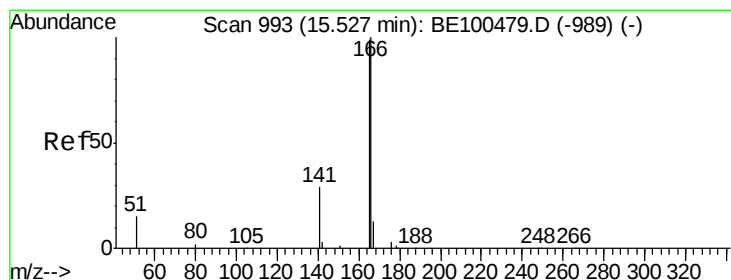
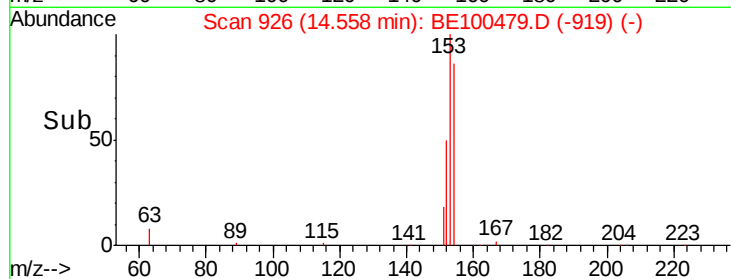
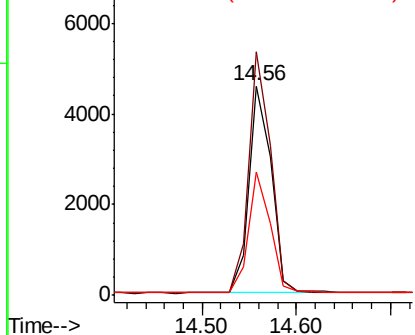
#17
Acenaphthene
Concen: 0.375 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 7620
Ion Ratio Lower Upper
154 100
153 113.5 90.8 136.2
152 56.4 45.1 67.7

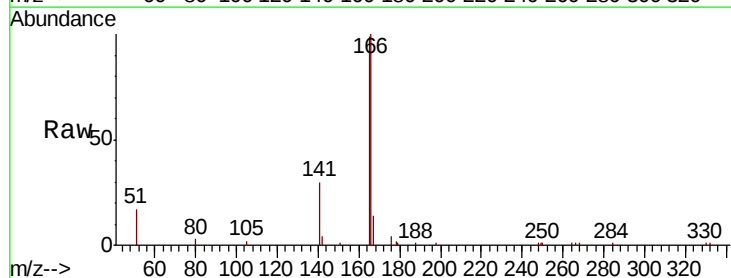


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

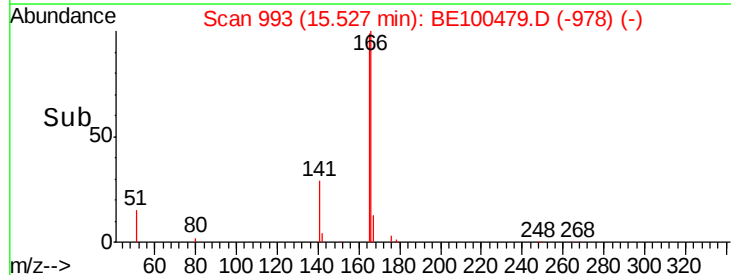
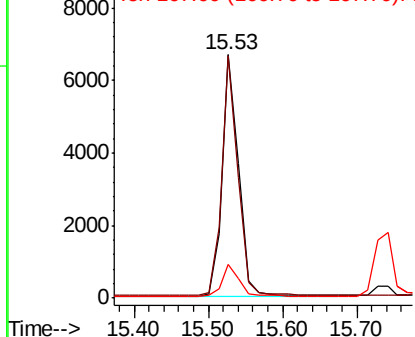


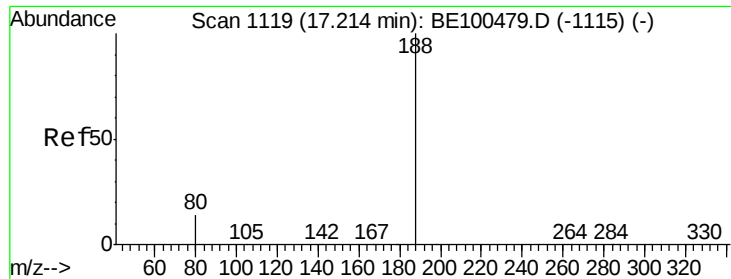
#18
Fluorene
Concen: 0.381 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:166 Resp: 10306
Ion Ratio Lower Upper
166 100
165 97.9 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: BE100479.D

Acq: 22 Jul 2019 13:49

Instrument :

BNA_E

ClientSampled :

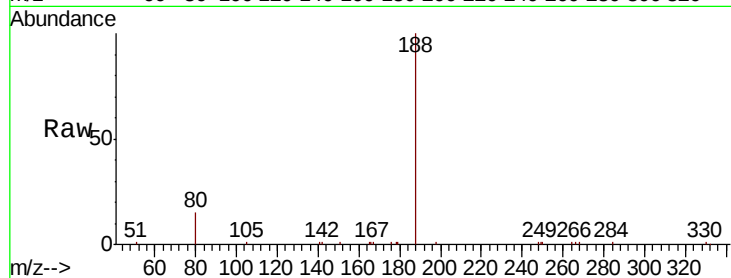
Tot Ion:188 Resp: 18894

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

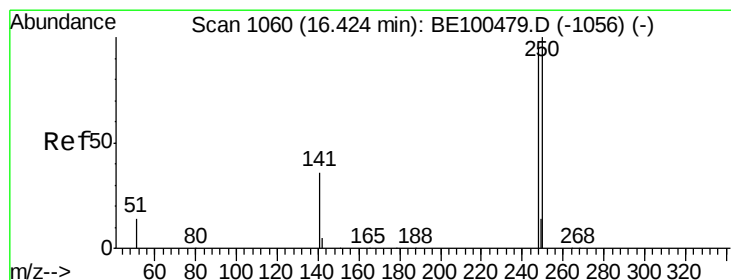
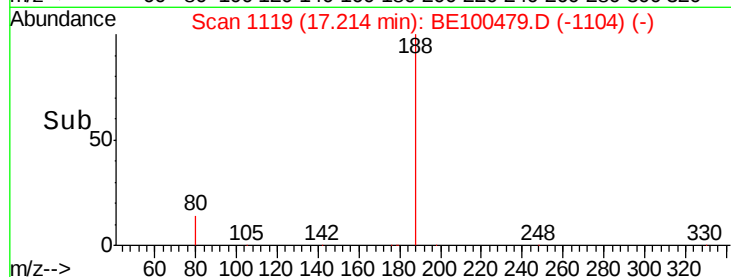
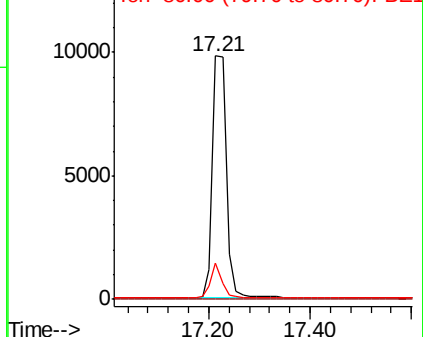
80 14.9 11.9 17.9



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: 0.398 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

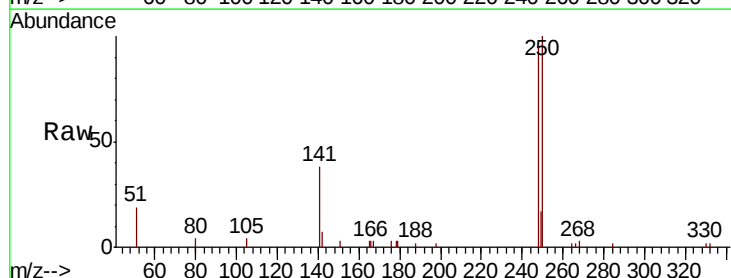
Tgt Ion:248 Resp: 3469

Ion Ratio Lower Upper

248 100

250 105.5 84.4 126.6

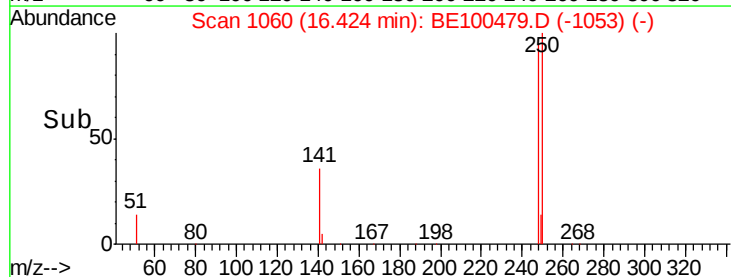
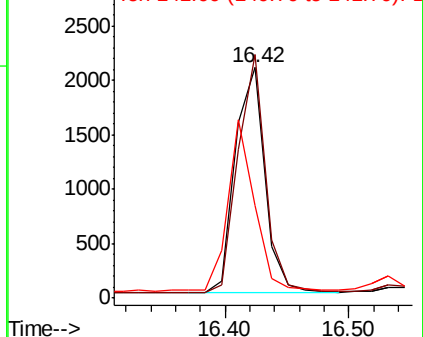
141 40.2 32.2 48.2

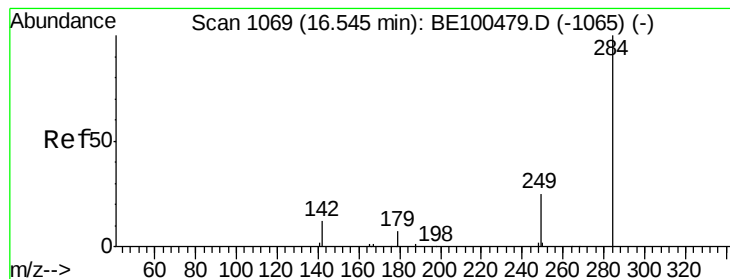


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.394 ng

RT: 16.54 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

Instrument :

BNA_E

ClientSampleId :

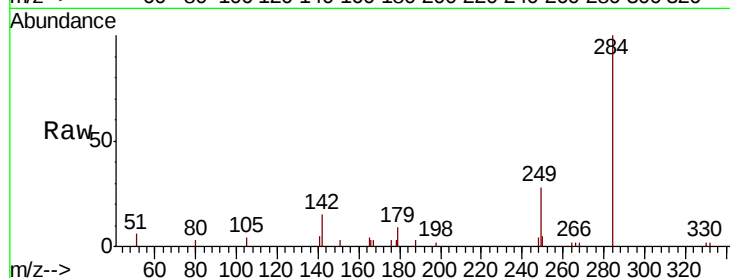
Tot Ion:284 Resp: 3580

Ion Ratio Lower Upper

284 100

142 33.4 26.7 40.1

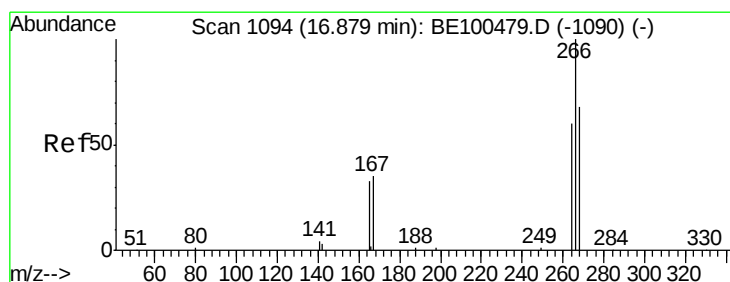
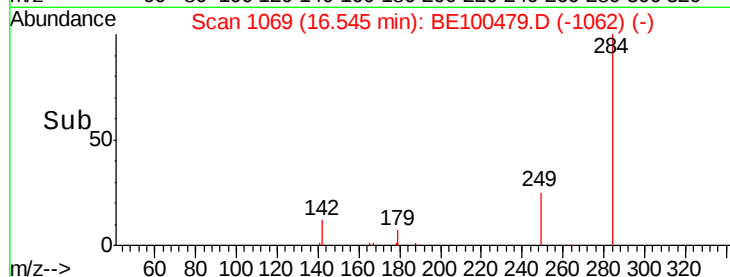
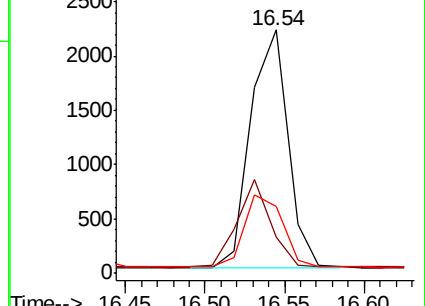
249 31.2 25.0 37.4



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: 0.360 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

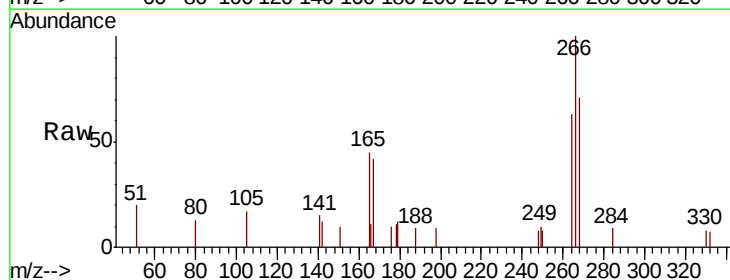
Tgt Ion:266 Resp: 1325

Ion Ratio Lower Upper

266 100

264 63.0 50.4 75.6

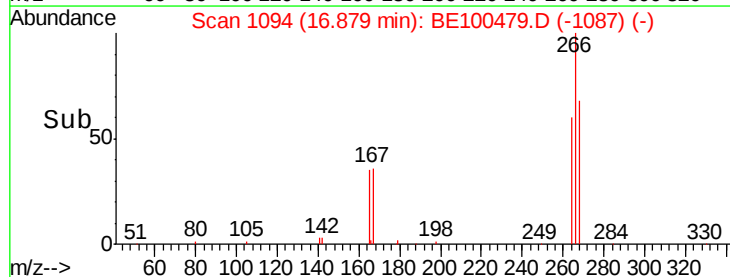
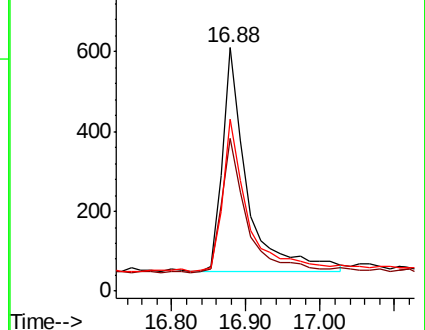
268 70.8 56.6 85.0

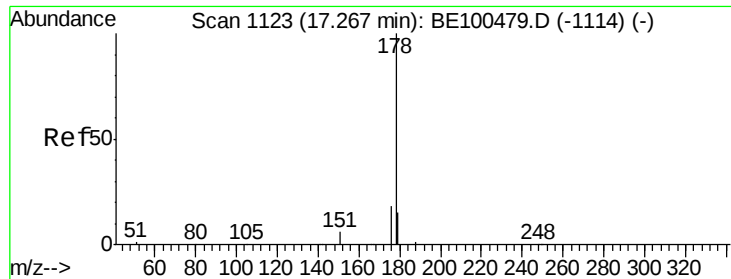


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

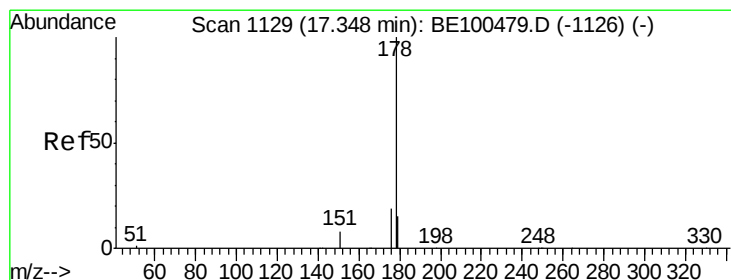
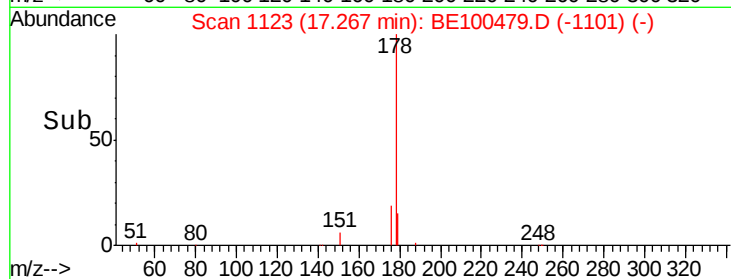
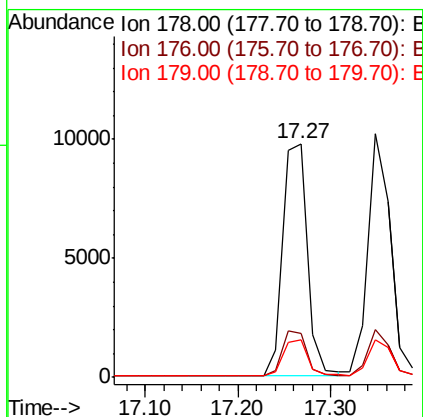
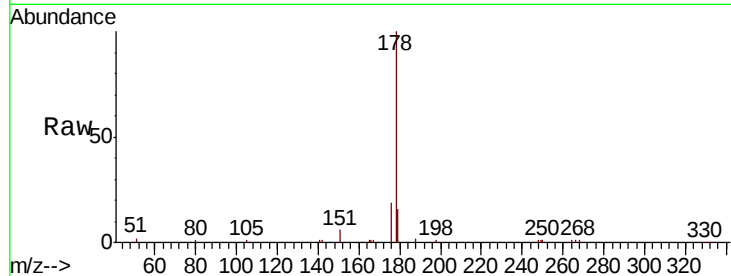




#23
Phenanthrene
Concen: 0.386 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

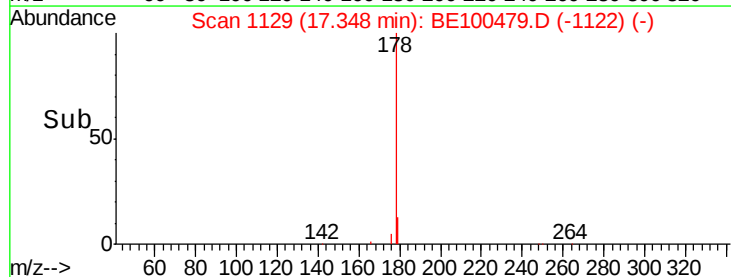
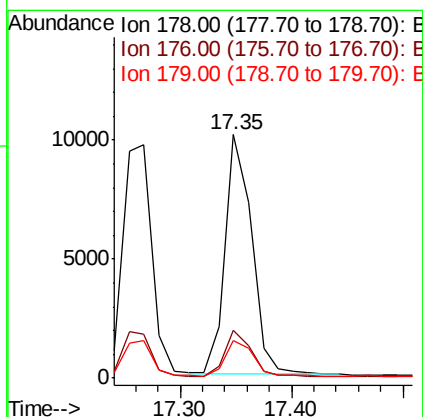
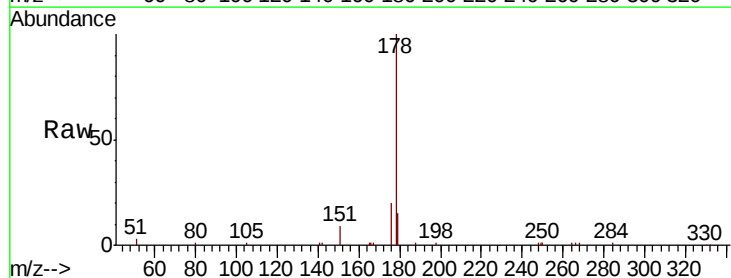
Instrument :
BNA_E
ClientSampleId :

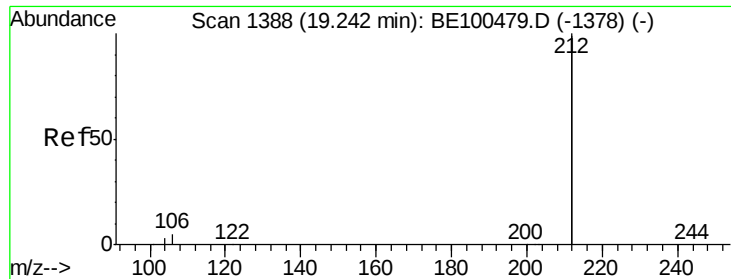
Tot Ion:178 Resp: 18044
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.7 12.6 18.8



#24
Anthracene
Concen: 0.385 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:178 Resp: 16834
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.2 12.2 18.2





#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

Instrument :

BNA_E

ClientSampled :

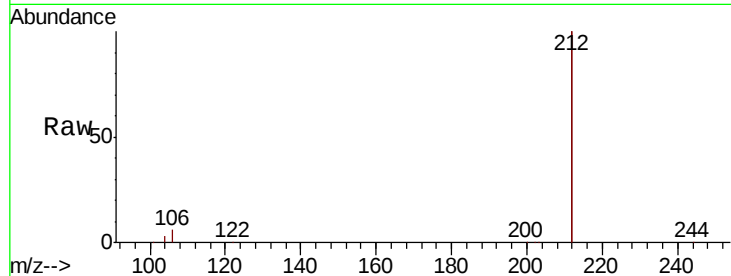
Tot Ion:212 Resp: 100488

Ion Ratio Lower Upper

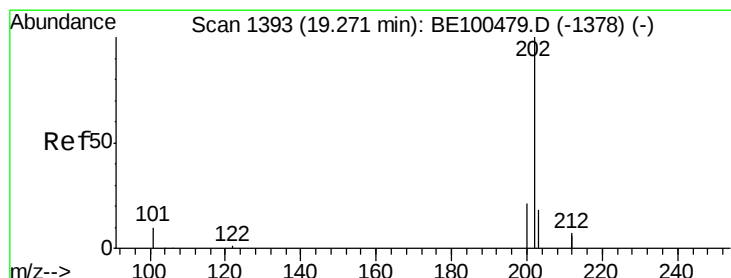
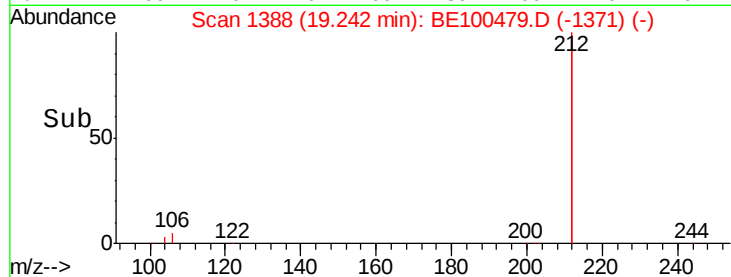
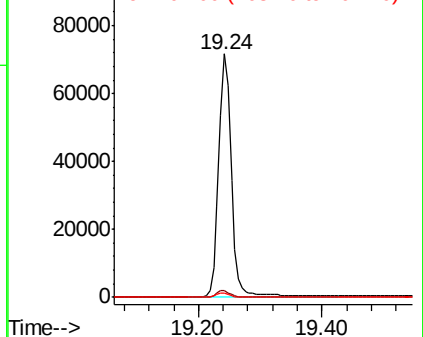
212 100

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: 0.379 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

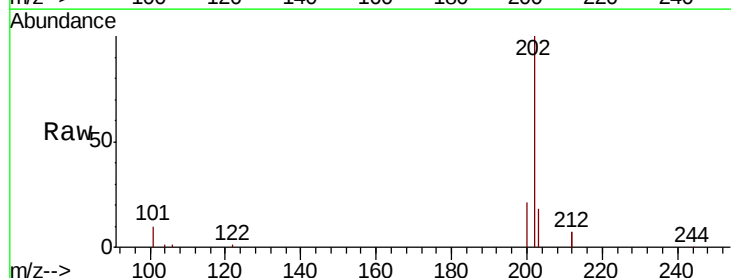
Tgt Ion:202 Resp: 26309

Ion Ratio Lower Upper

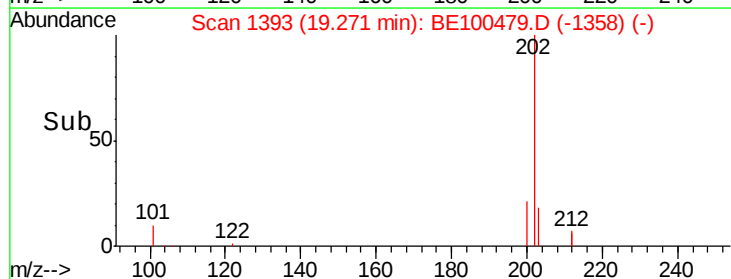
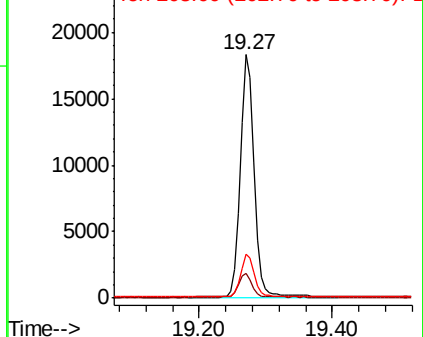
202 100

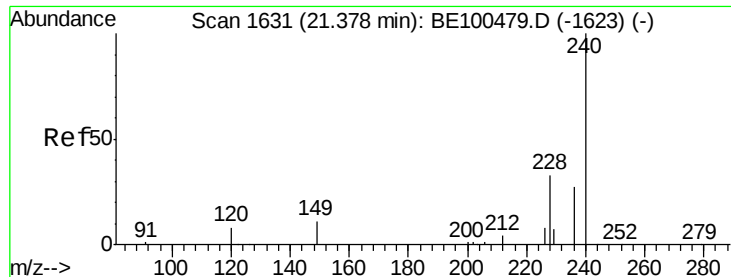
101 10.0 8.0 12.0

203 16.9 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

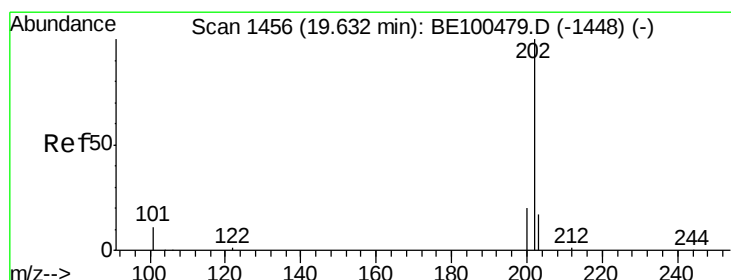
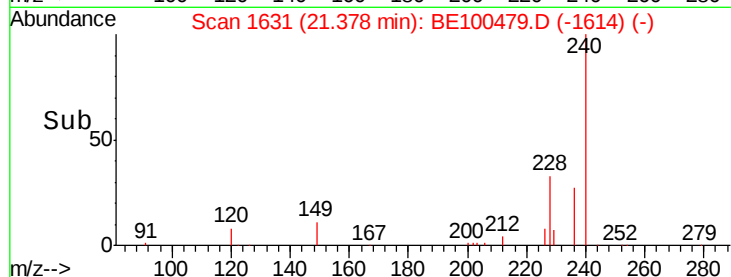
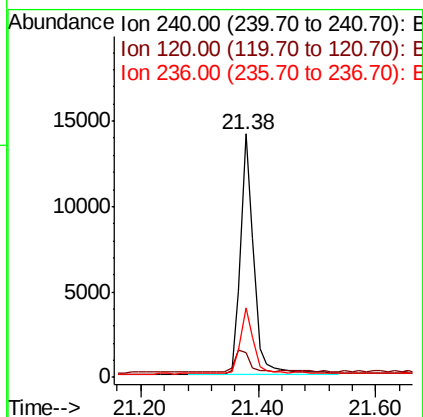
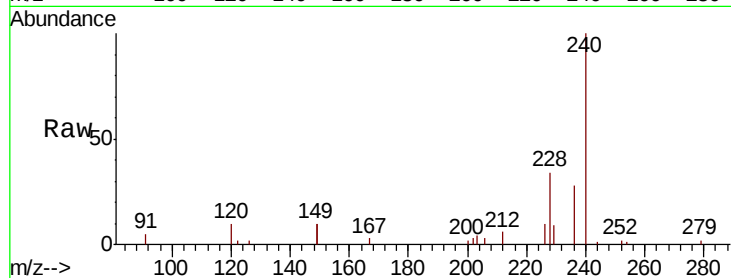




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

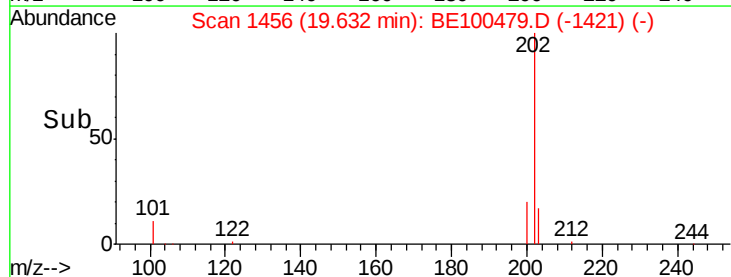
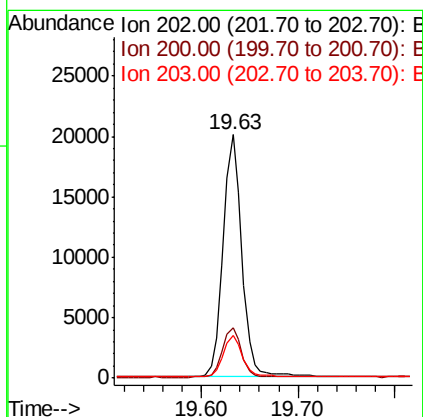
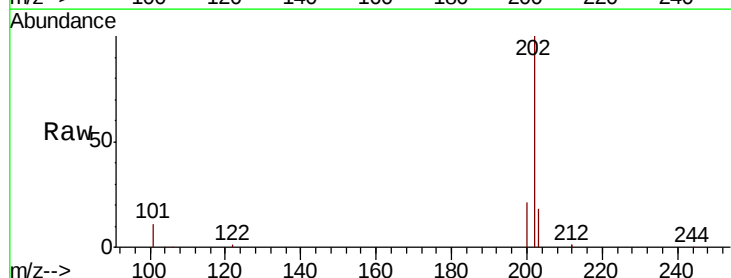
Instrument :
BNA_E
ClientSampleId :

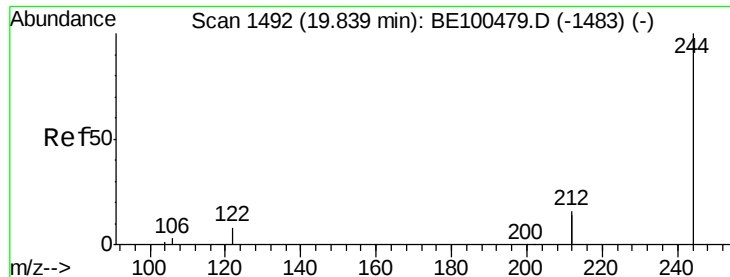
Tot Ion:240 Resp: 22392
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 28.3 22.6 34.0



#28
Pyrene
Concen: 0.416 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE100479.D
Acq: 22 Jul 2019 13:49

Tgt Ion:202 Resp: 27369
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.417 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

Instrument :

BNA_E

ClientSampleId :

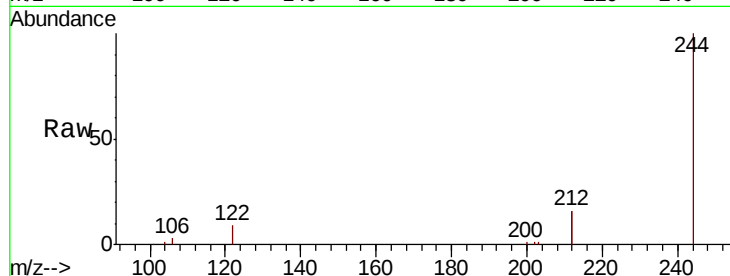
Tot Ion:244 Resp: 21508

Ion Ratio Lower Upper

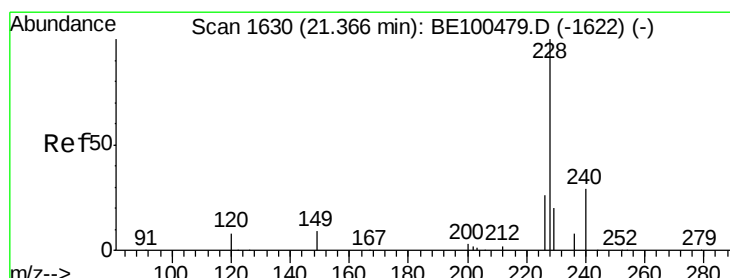
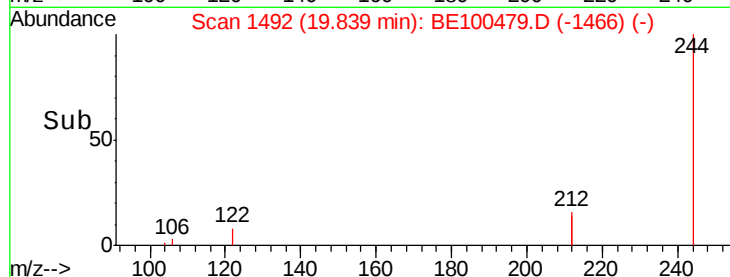
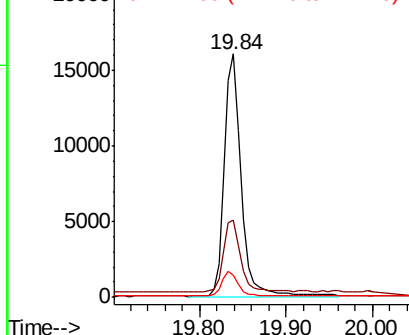
244 100

212 32.0 25.6 38.4

122 9.0 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: 0.393 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

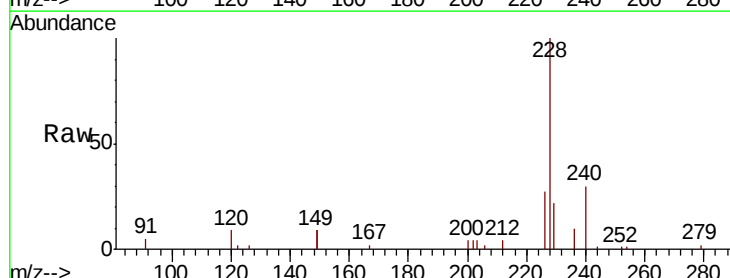
Tgt Ion:228 Resp: 26847

Ion Ratio Lower Upper

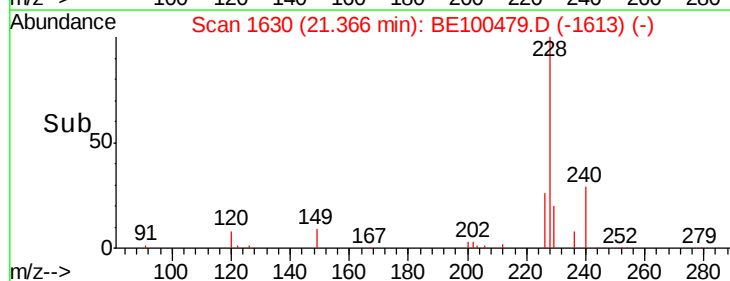
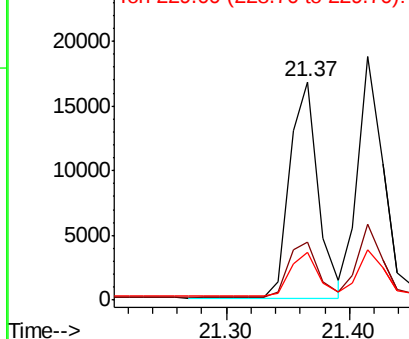
228 100

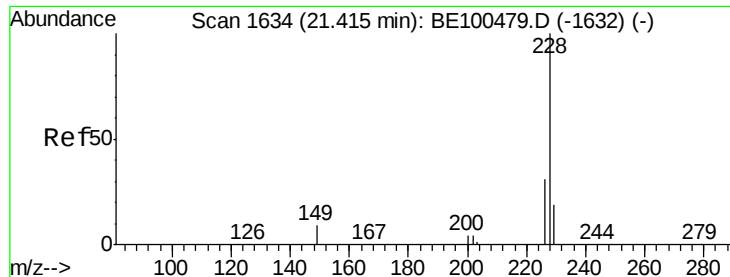
226 26.8 21.4 32.2

229 21.6 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: 0.390 ng

RT: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

Instrument :

BNA_E

ClientSampleId :

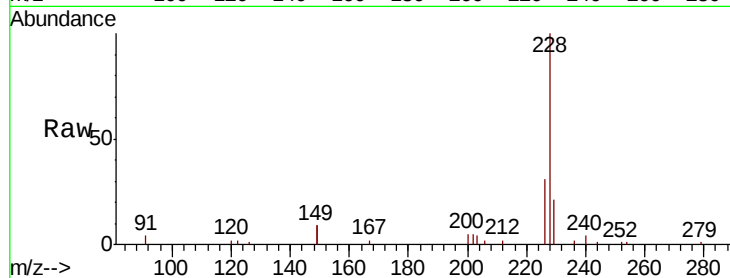
Tot Ion:228 Resp: 26566

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

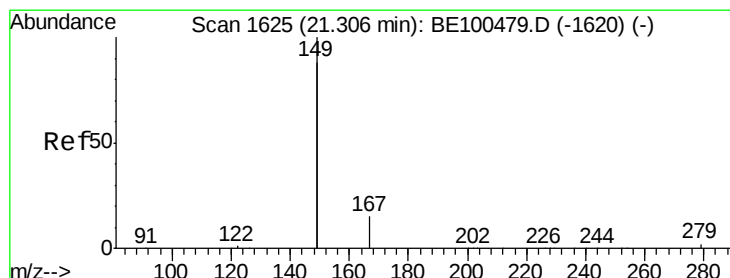
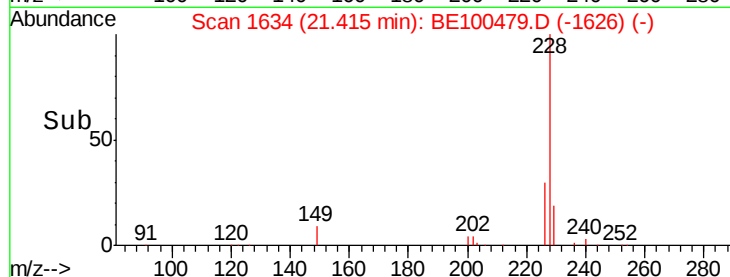
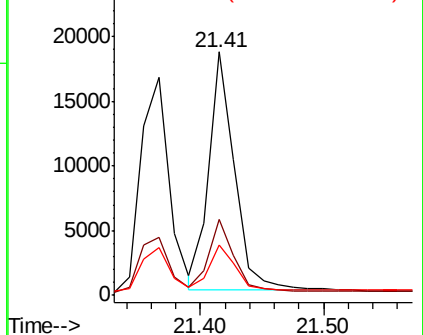
229 20.9 16.7 25.1



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: 0.414 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

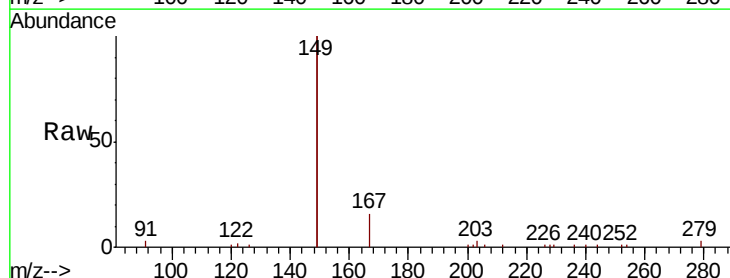
Tgt Ion:149 Resp: 62762

Ion Ratio Lower Upper

149 100

167 7.4 5.9 8.9

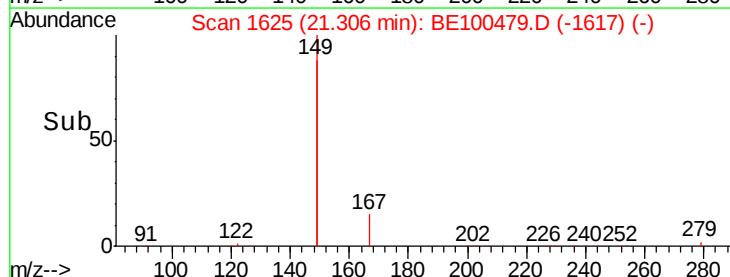
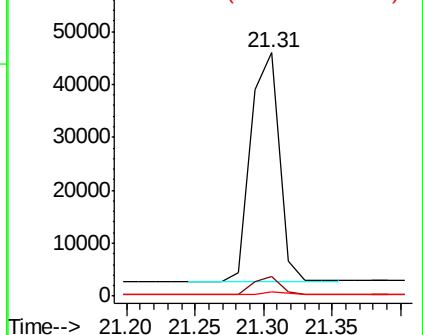
279 1.3 1.0 1.6

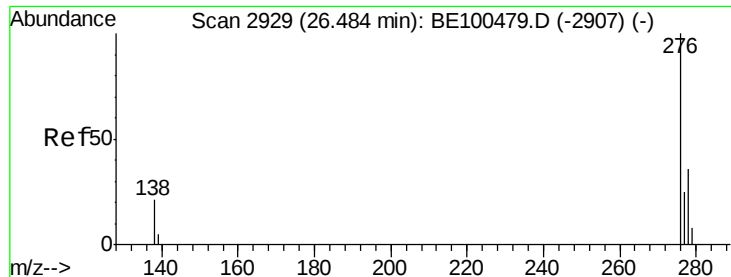


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

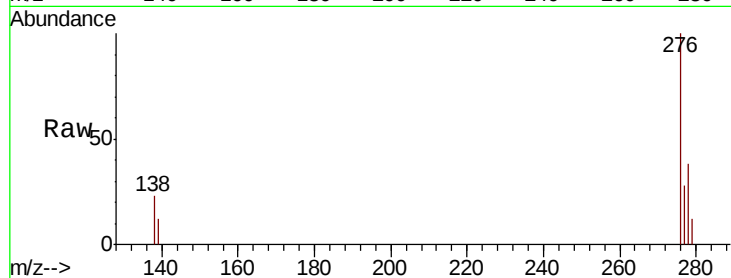




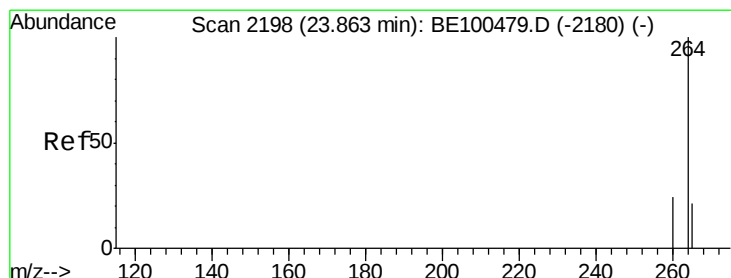
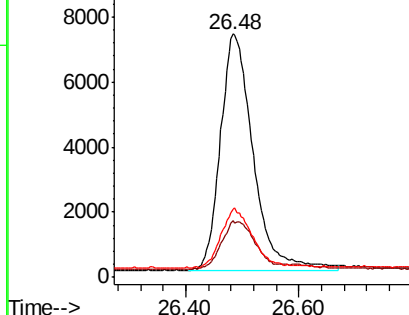
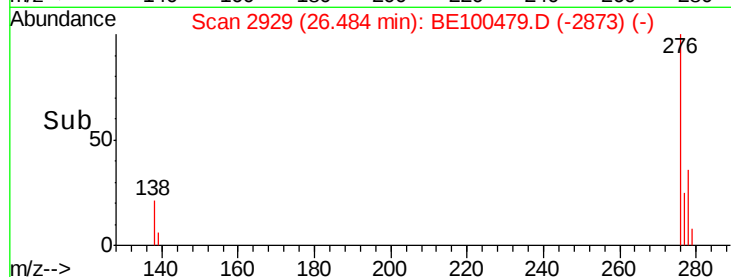
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.396 ng
 RT: 26.48 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: BE100479.D
 Acq: 22 Jul 2019 13:49

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 29174
 Ion Ratio Lower Upper
 276 100
 138 20.8 16.6 25.0
 277 23.9 19.1 28.7

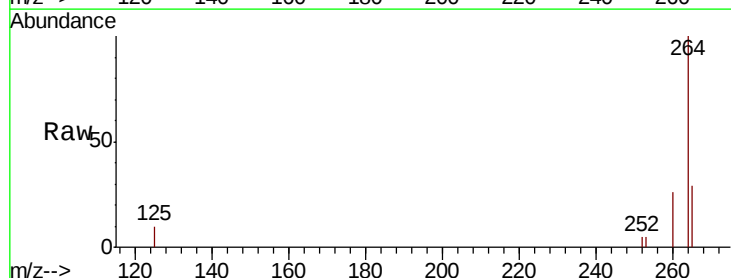


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

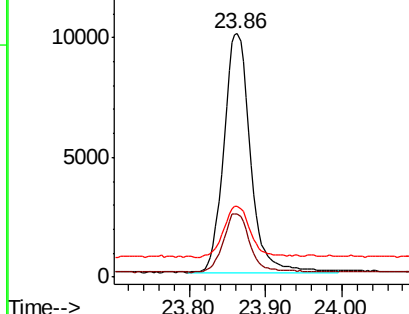
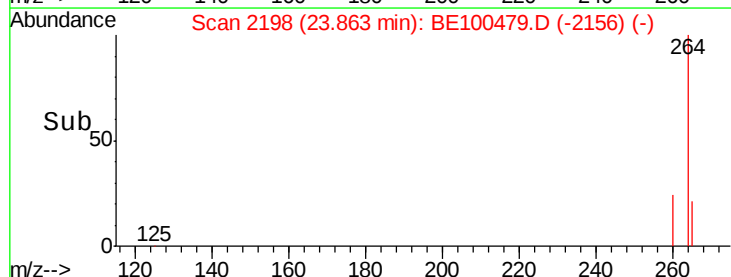


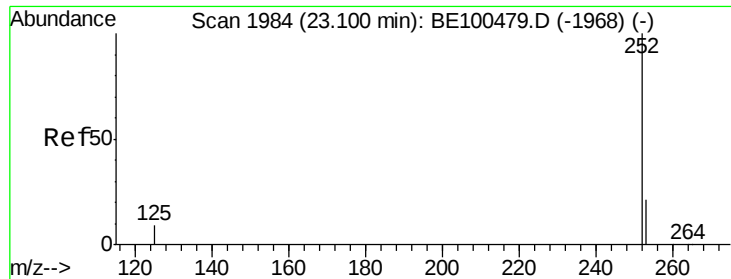
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: BE100479.D
 Acq: 22 Jul 2019 13:49

Tgt Ion:264 Resp: 24143
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.7 31.1
 265 29.3 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: 0.381 ng

RT: 23.10 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

Instrument :

BNA_E

ClientSampleId :

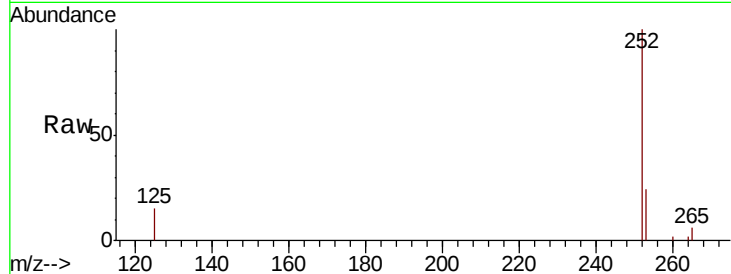
Tot Ion:252 Resp: 25402

Ion Ratio Lower Upper

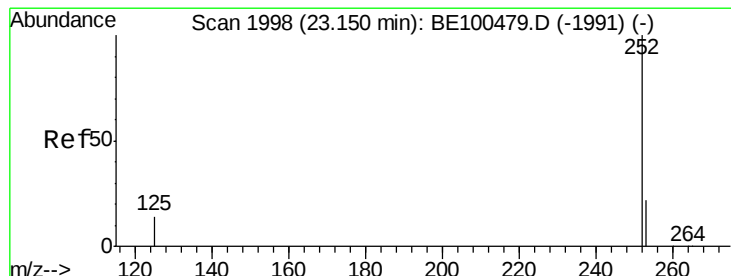
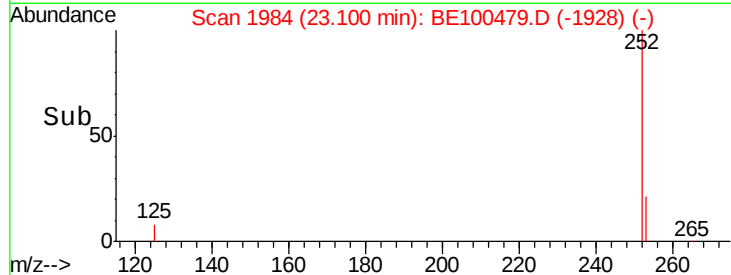
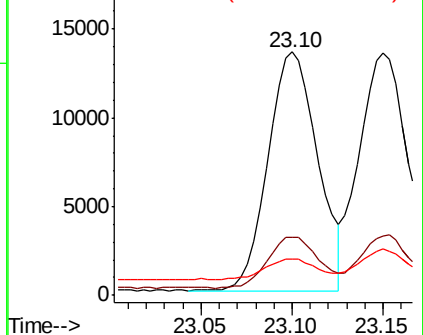
252 100

253 24.0 19.2 28.8

125 14.9 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: 0.380 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

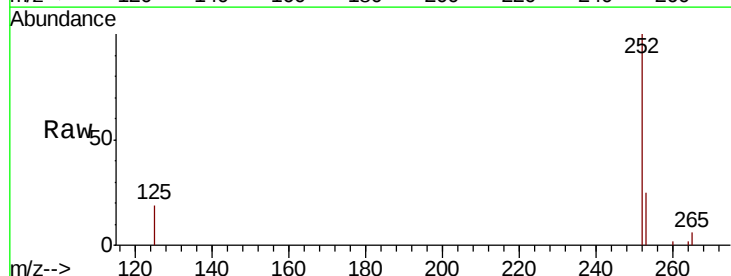
Tgt Ion:252 Resp: 26912

Ion Ratio Lower Upper

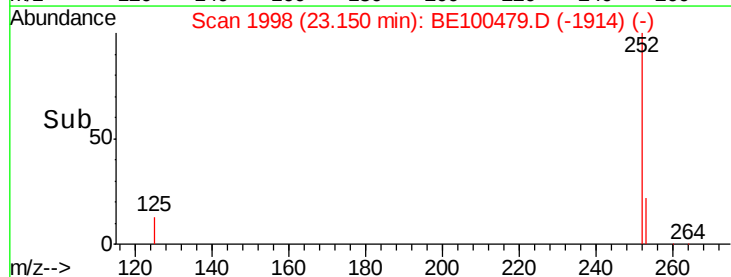
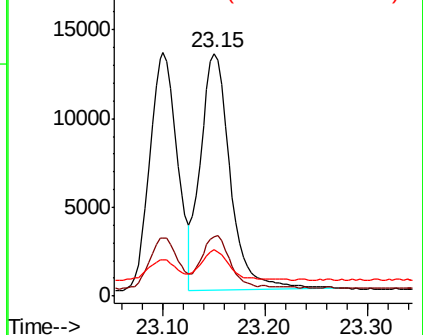
252 100

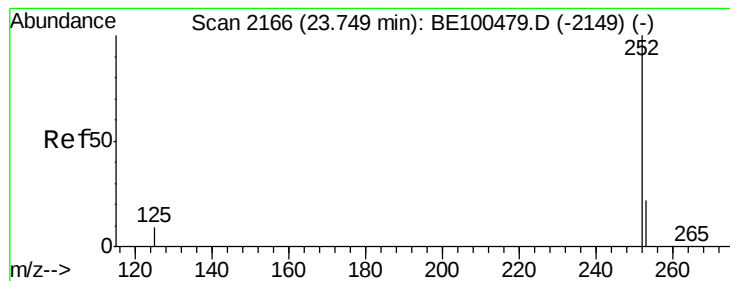
253 24.6 19.7 29.5

125 19.0 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: 0.385 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

Instrument :

BNA_E

ClientSampleId :

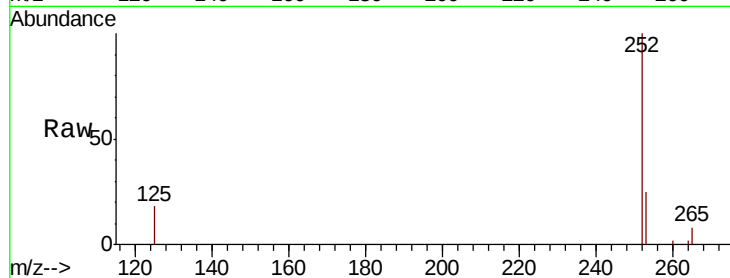
Tot Ion:252 Resp: 24757

Ion Ratio Lower Upper

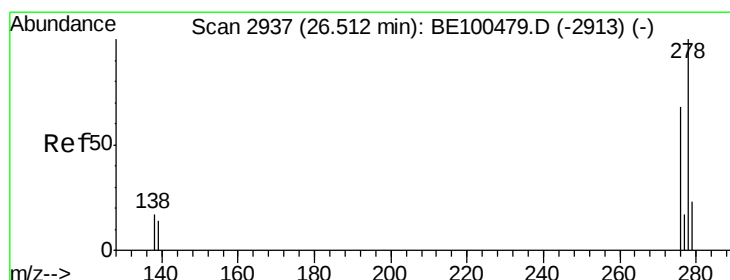
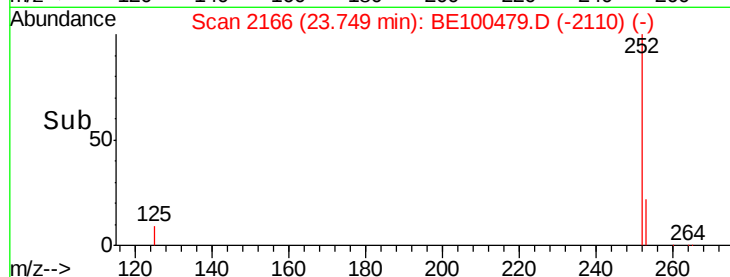
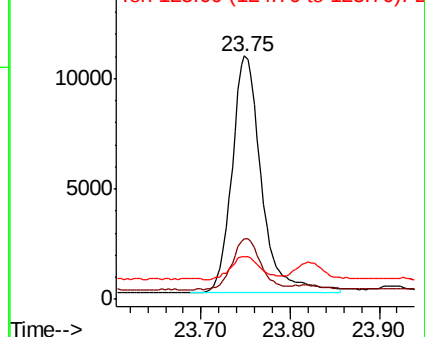
252 100

253 25.0 20.0 30.0

125 17.6 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: 0.380 ng

RT: 26.51 min Scan# 2937

Delta R.T. 0.00 min

Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

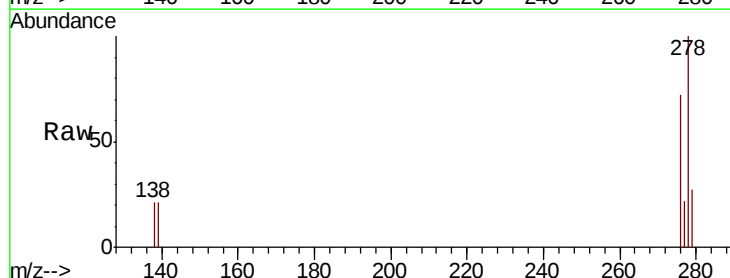
Tgt Ion:278 Resp: 23044

Ion Ratio Lower Upper

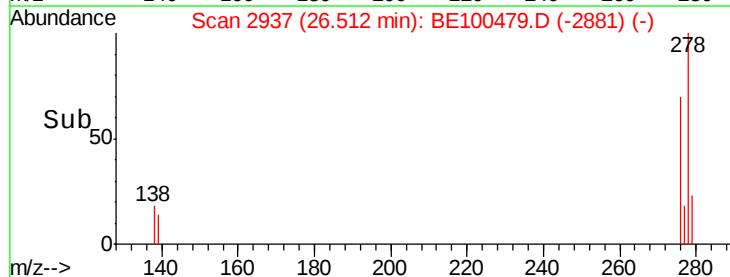
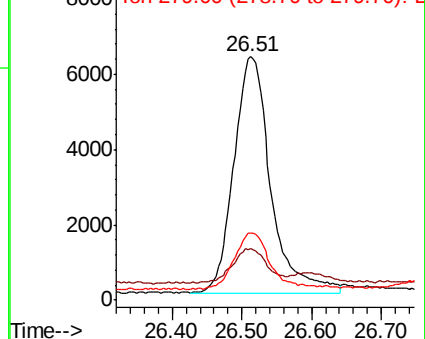
278 100

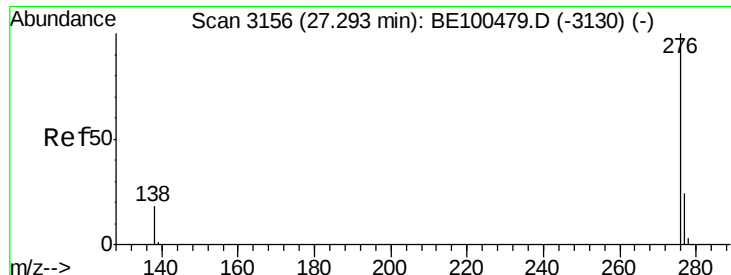
139 21.0 16.8 25.2

279 27.3 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: 0.384 ng

RT: 27.29 min Scan# 3156

Delta R.T. 0.00 min

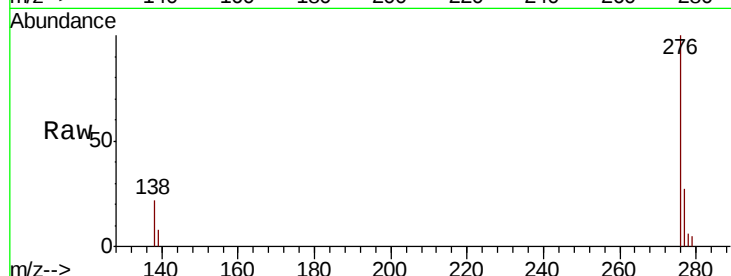
Lab File: BE100479.D

Acq: 22 Jul 2019 13:49

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 23997

Ion Ratio Lower Upper

276 100

277 27.5 22.0 33.0

138 21.6 17.3 25.9

