

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
 Data File : BE100477.D
 Acq On : 22 Jul 2019 12:37
 Operator : HP/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jul 22 16:47:19 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	2313	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	9695	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	6251	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	16867	0.40	ng	0.00
27) Chrysene-d12	21.38	240	20148	0.40	ng	0.00
34) Perylene-d12	23.87	264	21388	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	665	0.12	ng	0.00
5) Phenol-d6	7.03	99	803	0.10	ng	0.00
8) Nitrobenzene-d5	9.02	82	766	0.10	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	1614	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	251	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	2954	0.11	ng	0.00
25) Fluoranthene-d10	19.24	212	24610	0.10	ng	0.00
29) Terphenyl-d14	19.84	244	5441	0.12	ng	0.00

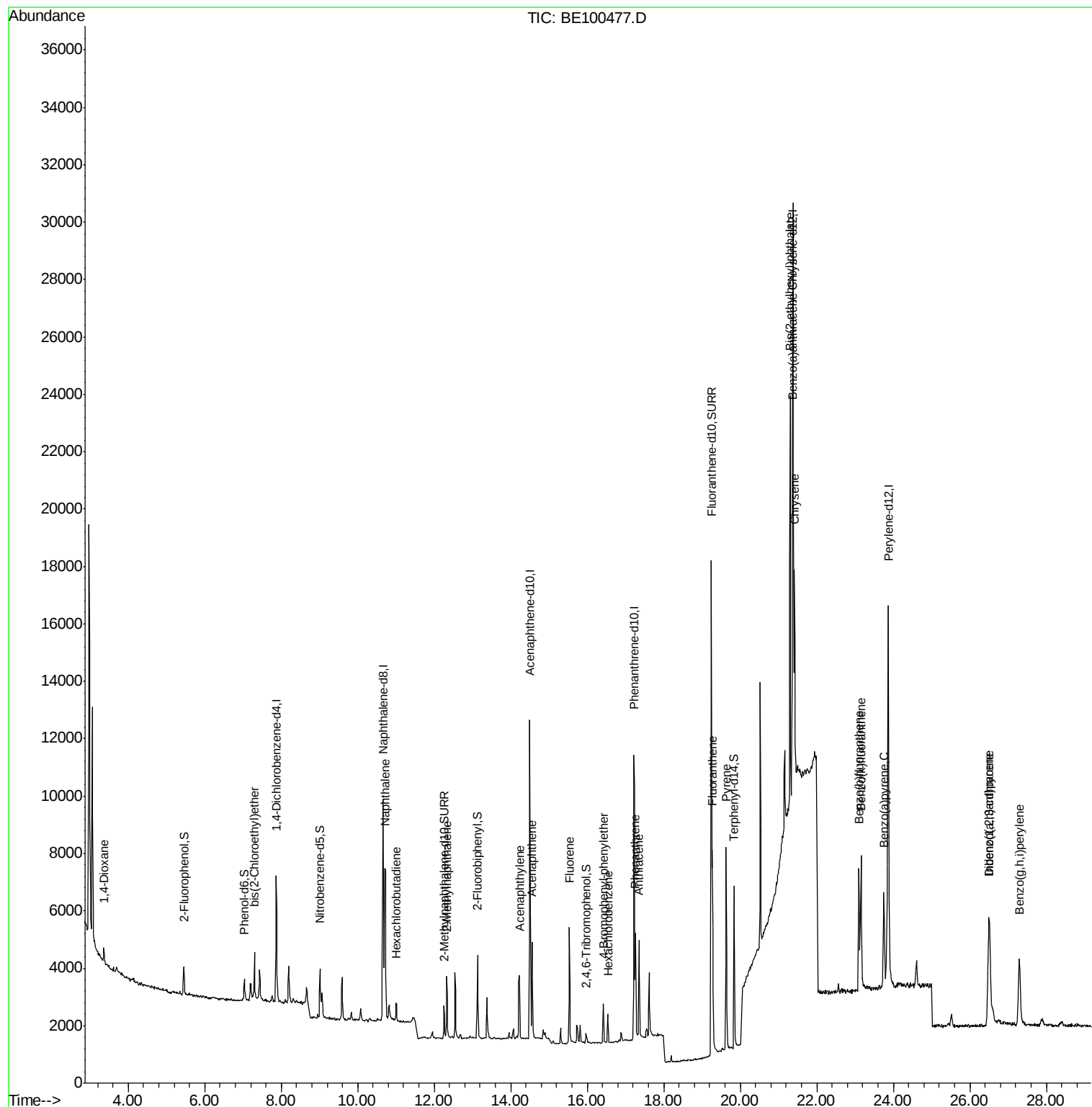
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	508	0.143	ng	# 80
6) bis(2-Chloroethyl)ether	7.30	93	748	0.107	ng	# 89
9) Naphthalene	10.72	128	9883	0.107	ng	# 97
10) Hexachlorobutadiene	11.00	225	507	0.114	ng	# 97
12) 2-Methylnaphthalene	12.32	142	1784	0.110	ng	# 94
16) Acenaphthylene	14.23	152	3091	0.108	ng	# 99
17) Acenaphthene	14.56	154	1832	0.105	ng	# 100
18) Fluorene	15.53	166	2460	0.106	ng	# 99
20) 4-Bromophenyl-phenylether	16.43	248	830	0.107	ng	# 90
21) Hexachlorobenzene	16.55	284	888	0.109	ng	# 98
23) Phenanthrene	17.26	178	4441	0.106	ng	# 99
24) Anthracene	17.35	178	4014	0.103	ng	# 99
26) Fluoranthene	19.27	202	6451	0.104	ng	# 99
28) Pyrene	19.63	202	6707	0.113	ng	# 98
30) Benzo(a)anthracene	21.37	228	6535	0.106	ng	# 90
31) Chrysene	21.41	228	6551	0.107	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.31	149	17232	0.126	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.49	276	7158	0.108	ng	# 98
35) Benzo(b)fluoranthene	23.10	252	6268	0.106	ng	# 67
36) Benzo(k)fluoranthene	23.15	252	6232	0.099	ng	# 60
37) Benzo(a)pyrene	23.75	252	5960	0.105	ng	# 58
38) Dibenzo(a,h)anthracene	26.52	278	5757	0.107	ng	# 62
39) Benzo(g,h,i)perylene	27.29	276	5987	0.108	ng	# 78

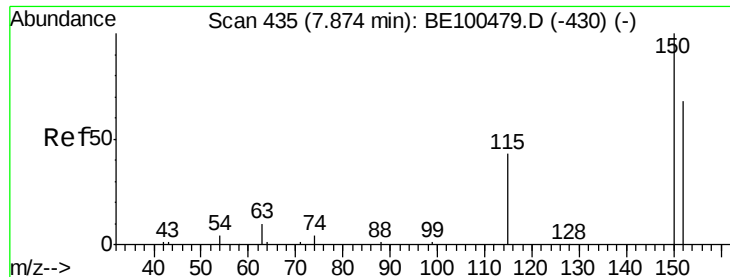
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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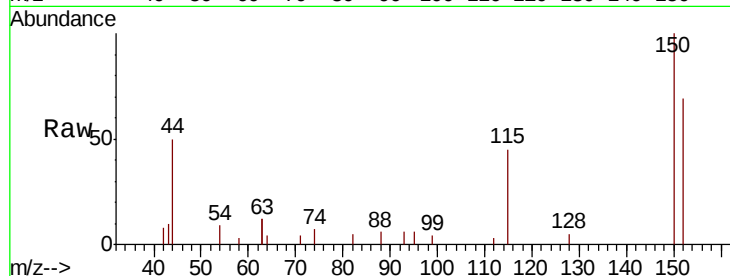


#1

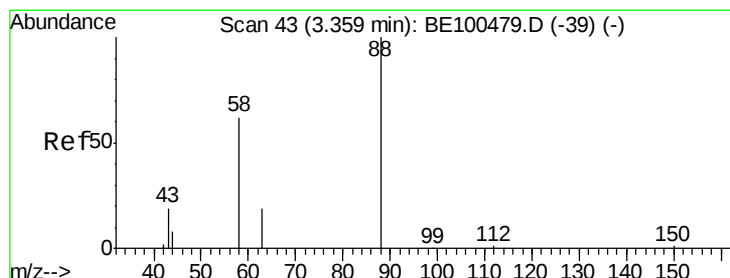
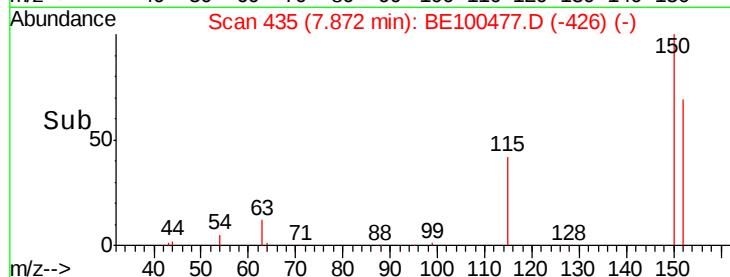
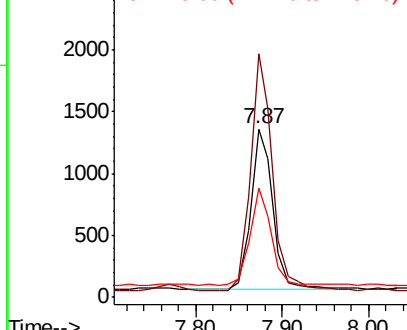
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 435
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 2313
Ion Ratio Lower Upper
152 100
150 144.5 115.0 172.6
115 64.7 52.9 79.3



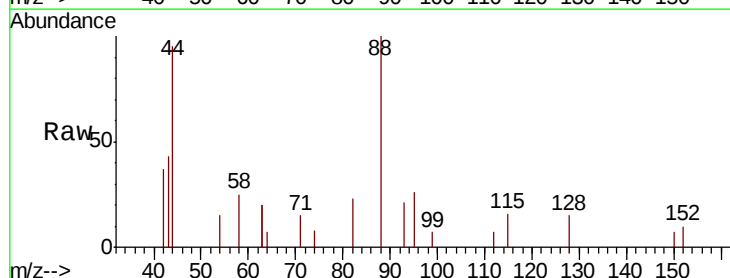
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



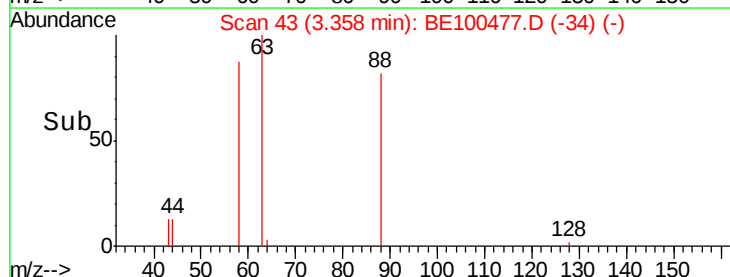
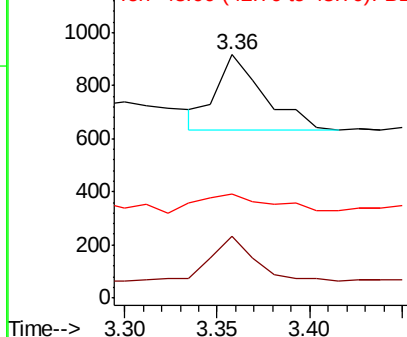
#2

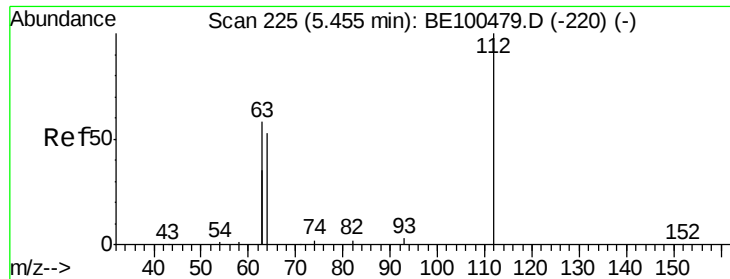
1,4-Dioxane
Concen: 0.143 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion: 88 Resp: 508
Ion Ratio Lower Upper
88 100
58 53.0 53.2 79.8#
43 40.9 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





#4

2-Fluorophenol

Concen: 0.116 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

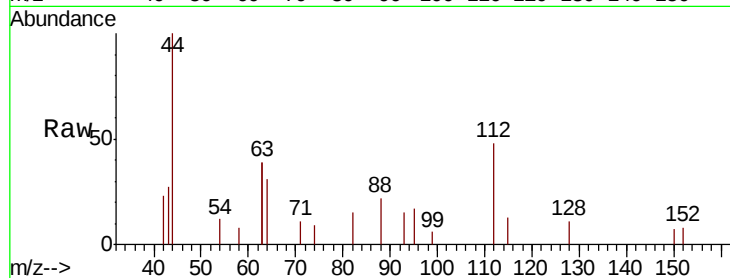
Tot Ion: 112 Resp: 665

Ion Ratio Lower Upper

112 100

64 65.1 54.1 81.1

63 133.8 104.6 157.0



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

1000

800

600

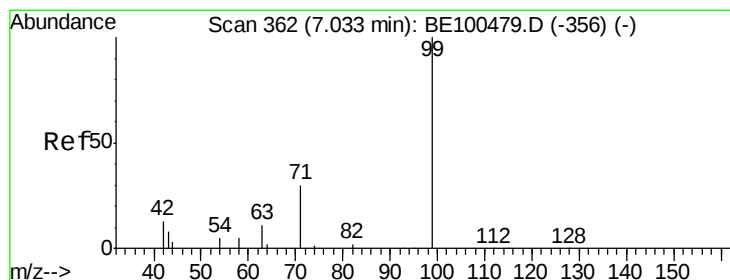
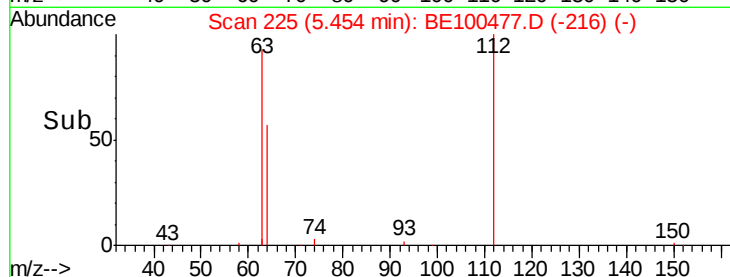
400

200

0

5.30 5.40 5.50 5.60

Time-->



#5

Phenol-d6

Concen: 0.099 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

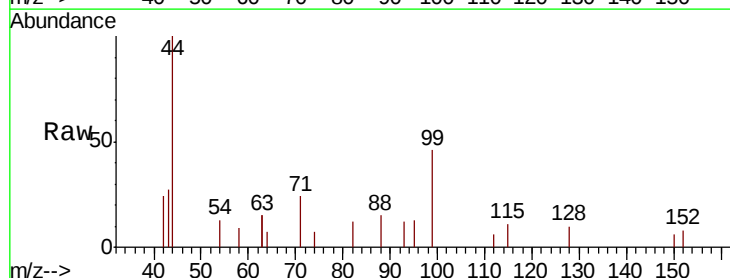
Tgt Ion: 99 Resp: 803

Ion Ratio Lower Upper

99 100

42 26.3 14.5 21.7#

71 37.2 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

600

500

400

300

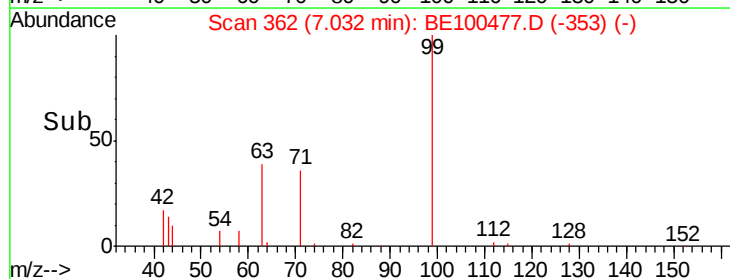
200

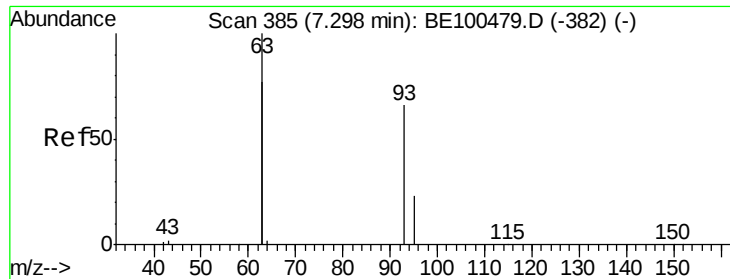
100

0

6.90 7.00 7.10 7.20

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.107 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

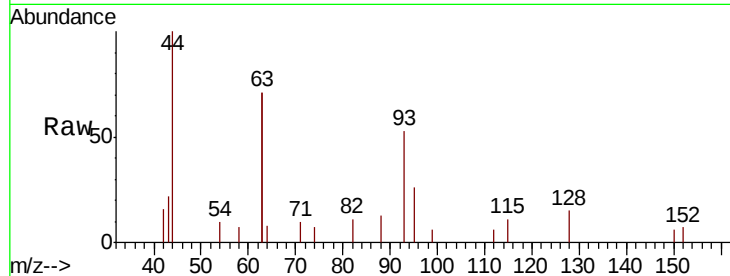
Tot Ion: 93 Resp: 748

Ion Ratio Lower Upper

93 100

63 288.4 248.3 372.5

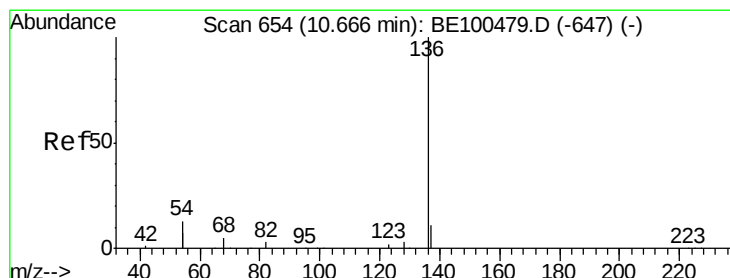
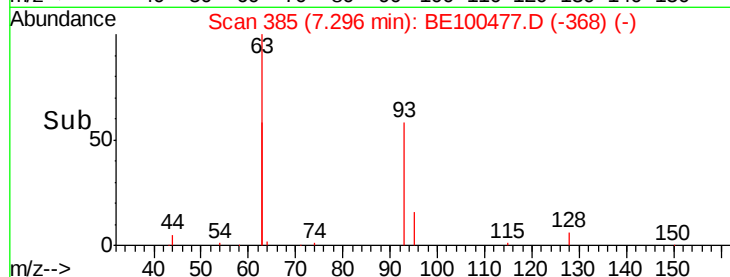
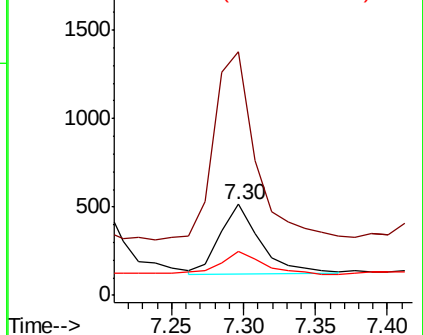
95 37.0 25.4 38.0



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: BE100477.D

Acq: 22 Jul 2019 12:37

Tgt Ion: 136 Resp: 9695

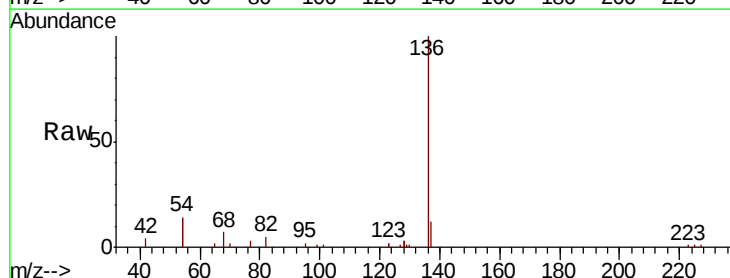
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.6

54 28.5 20.6 31.0

68 7.1 5.3 7.9

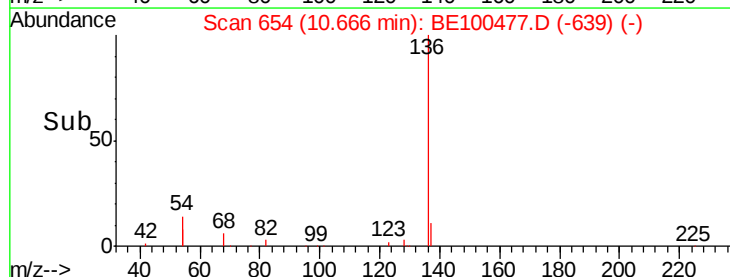
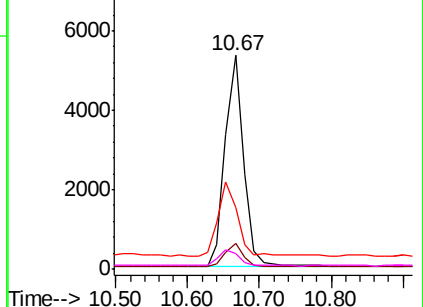


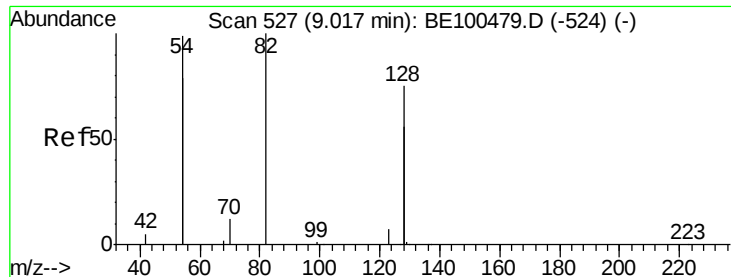
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.098 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

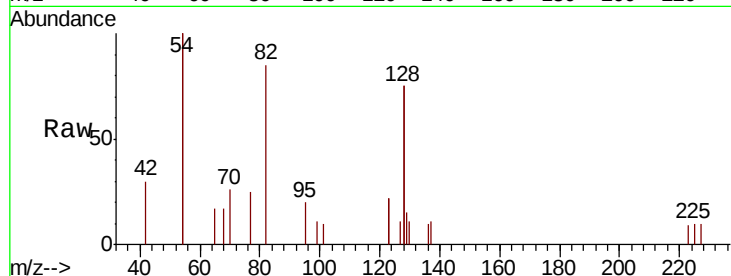
Tot Ion: 82 Resp: 766

Ion Ratio Lower Upper

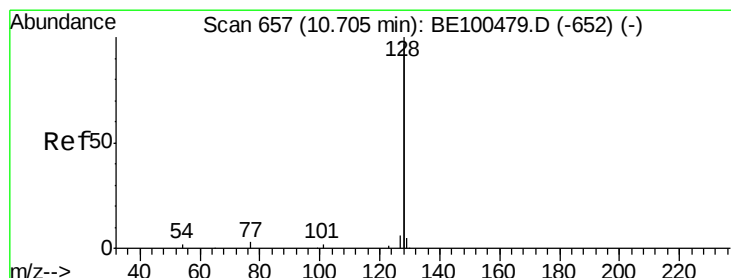
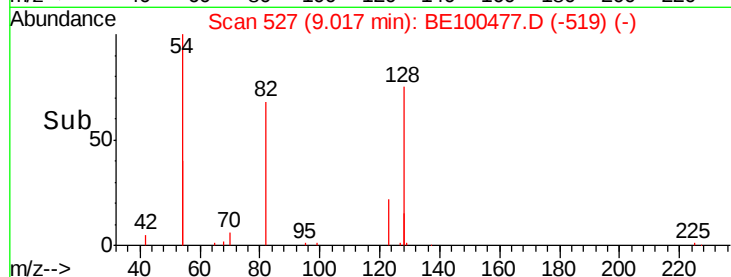
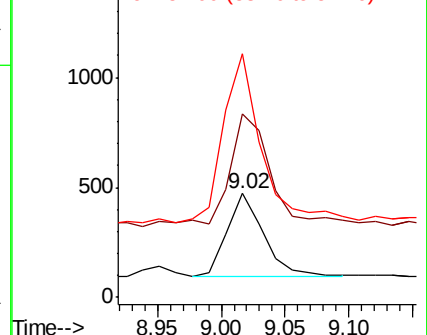
82 100

128 176.7 113.6 170.4#

54 234.2 150.6 226.0#



Abundance Ion 82.00 (81.70 to 82.70): BE1
Ion 128.00 (127.70 to 128.70): BE1
Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.107 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

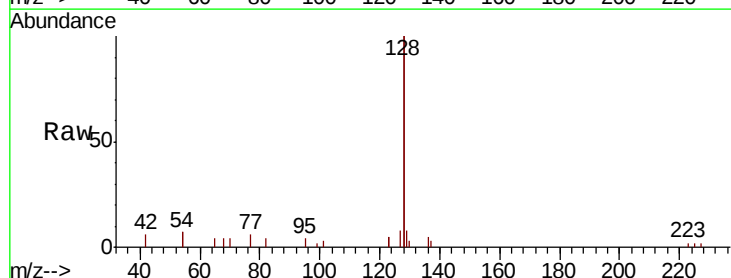
Tgt Ion: 128 Resp: 9883

Ion Ratio Lower Upper

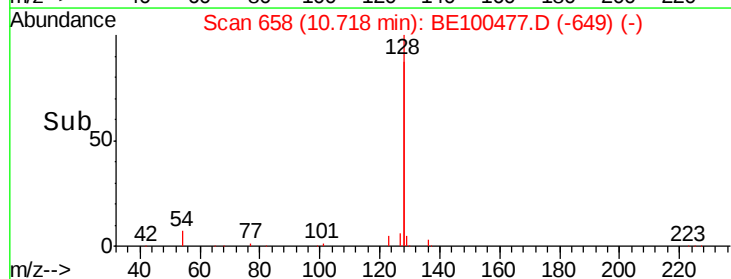
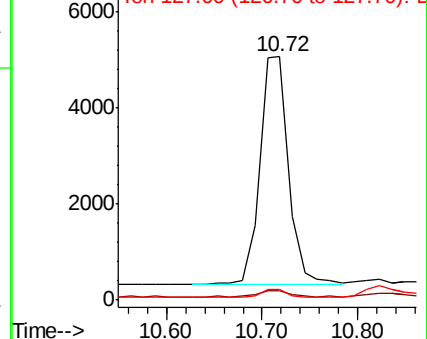
128 100

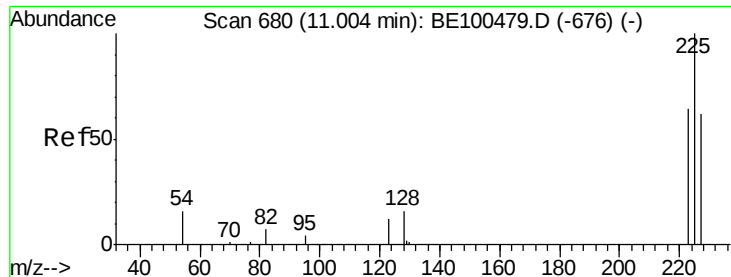
129 4.1 2.3 3.5#

127 4.2 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

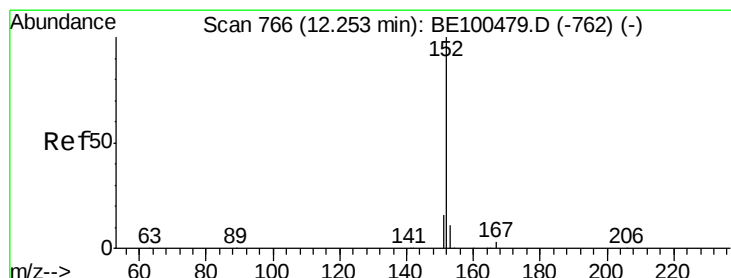
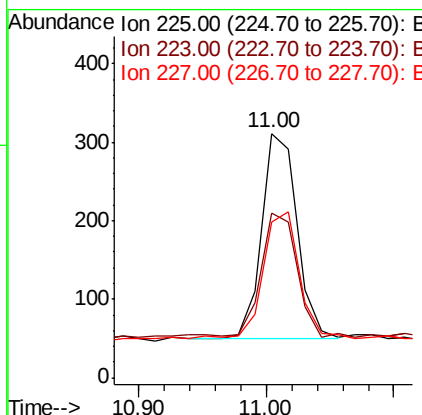
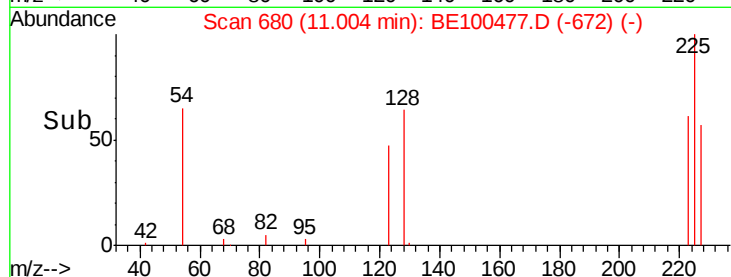
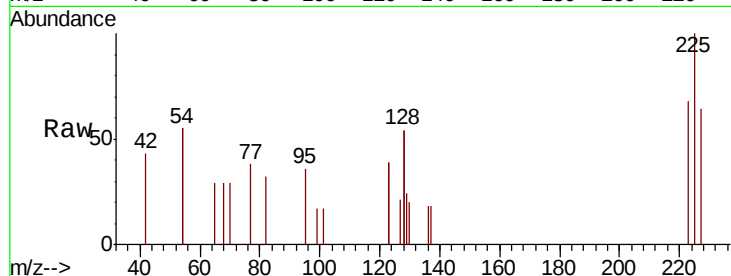




#10
Hexachlorobutadiene
Concen: 0.114 ng
RT: 11.00 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

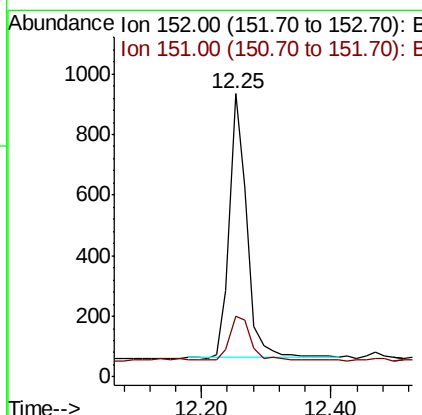
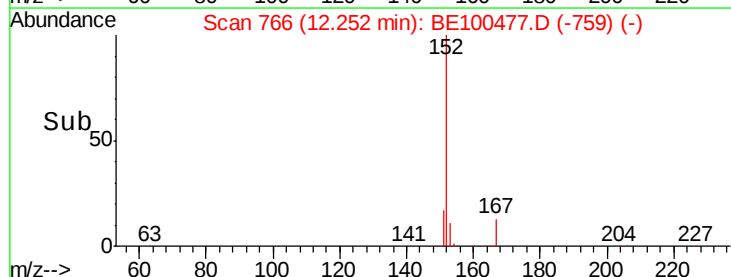
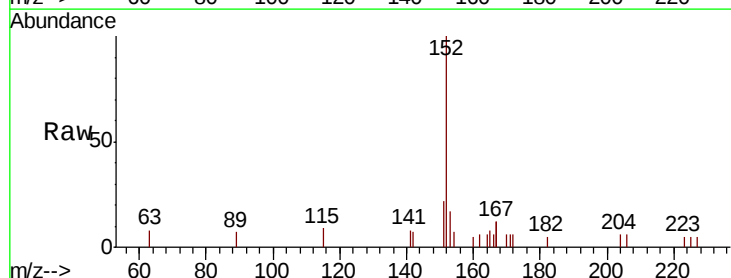
Instrument :
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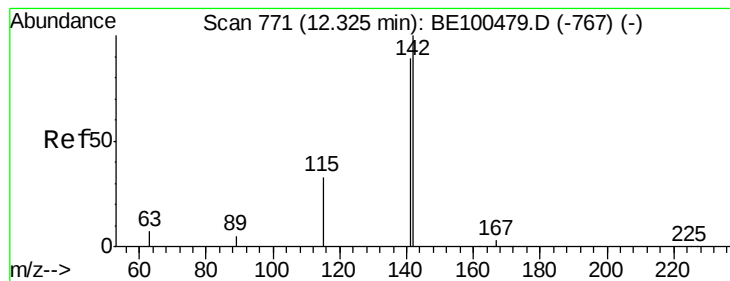
Tot Ion:225 Resp: 507
Ion Ratio Lower Upper
225 100
223 60.0 49.4 74.0
227 61.7 51.4 77.2



#11
2-Methylnaphthalene-d10
Concen: 0.104 ng
RT: 12.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:152 Resp: 1614
Ion Ratio Lower Upper
152 100
151 21.9 15.1 22.7





#12

2-Methylnaphthalene

Concen: 0.110 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

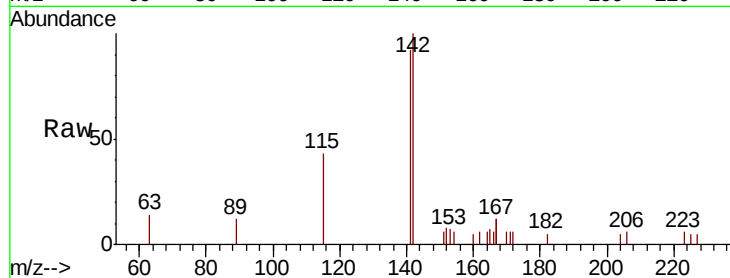
Tot Ion:142 Resp: 1784

Ion Ratio Lower Upper

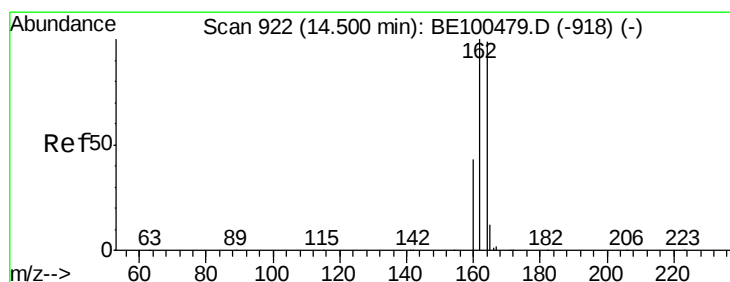
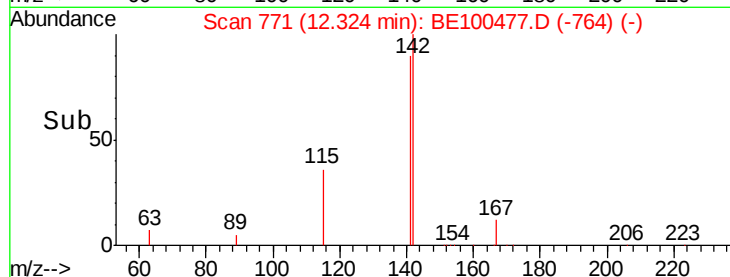
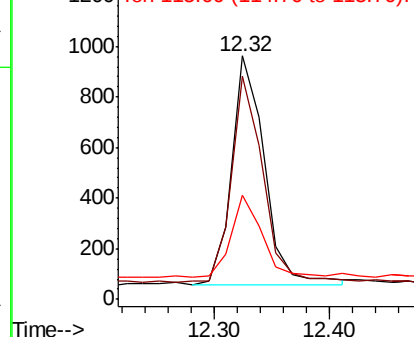
142 100

141 91.8 71.7 107.5

115 42.7 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: BE100477.D

Acq: 22 Jul 2019 12:37

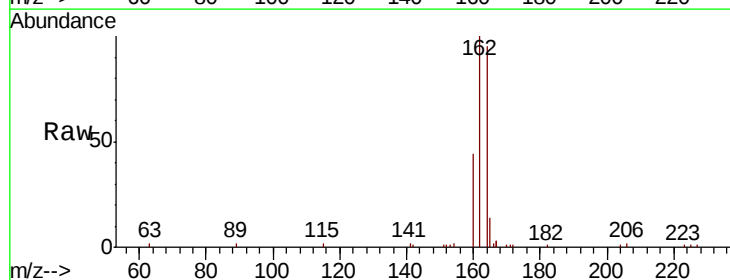
Tgt Ion:164 Resp: 6251

Ion Ratio Lower Upper

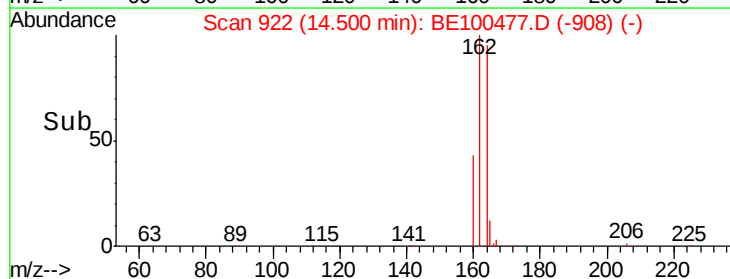
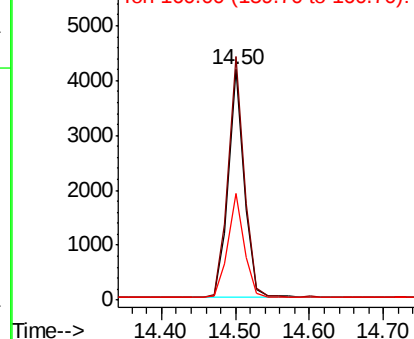
164 100

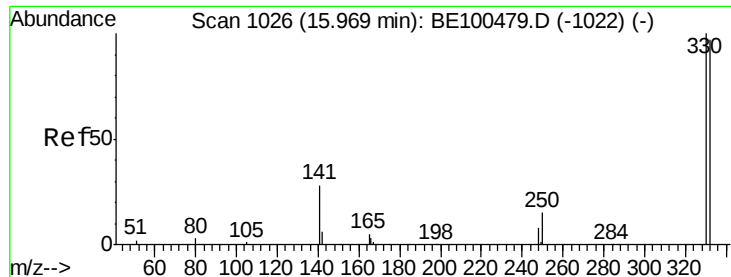
162 105.5 80.8 121.2

160 46.3 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: 0.096 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

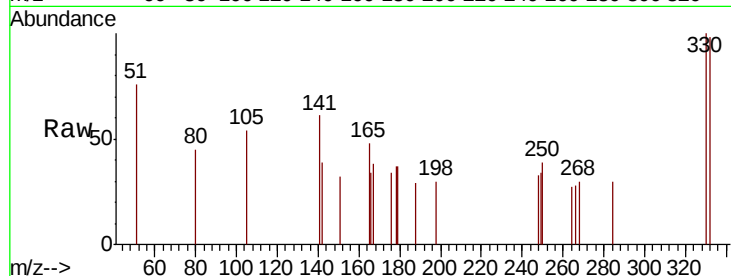
Tot Ion:330 Resp: 251

Ion Ratio Lower Upper

330 100

332 100.0 80.5 120.7

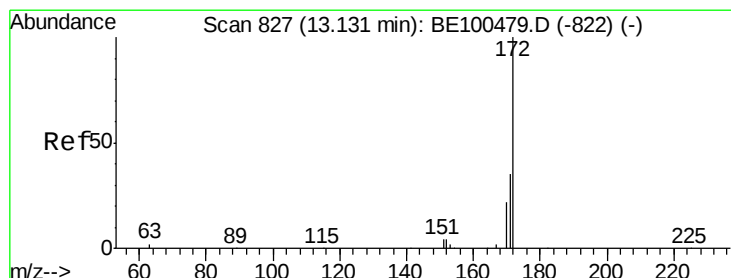
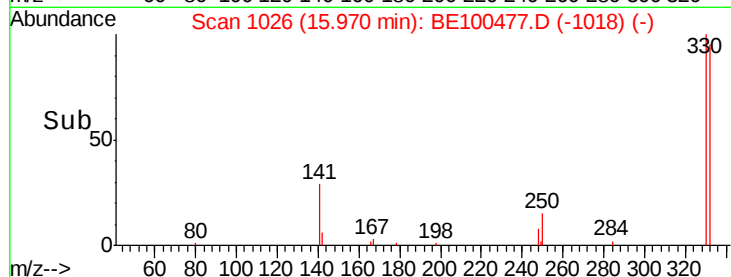
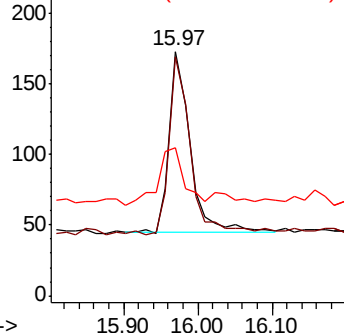
141 39.8 29.9 44.9



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: 0.115 ng

RT: 13.13 min Scan# 827

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

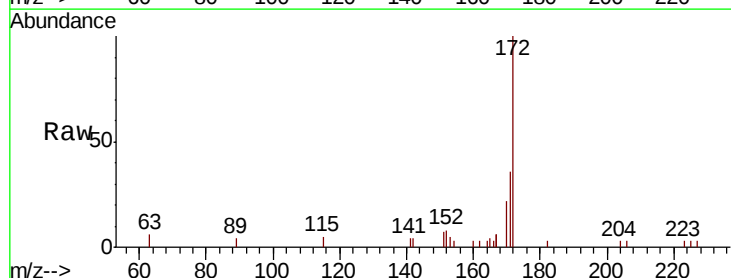
Tgt Ion:172 Resp: 2954

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

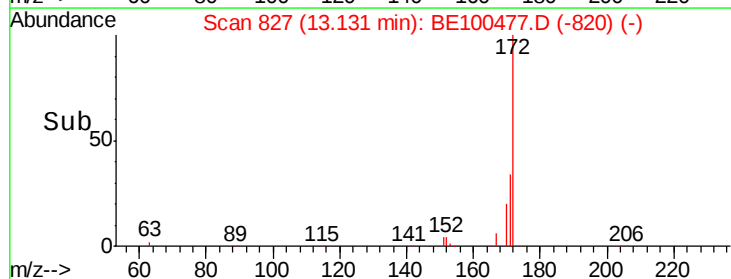
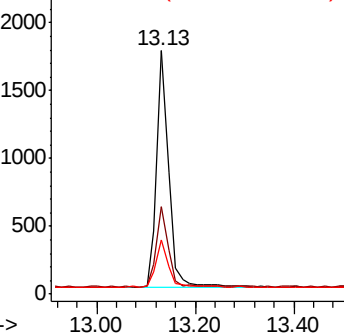
170 22.0 17.8 26.8

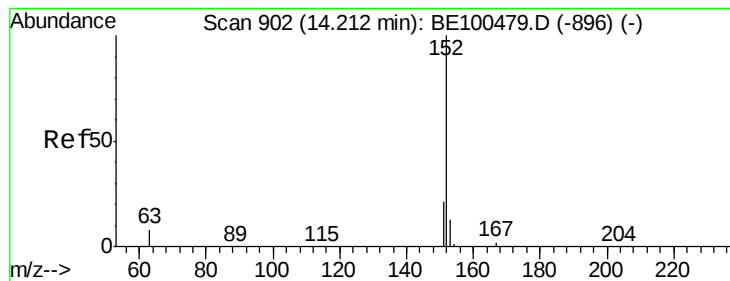


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.108 ng

RT: 14.23 min Scan# 903

Delta R.T. 0.01 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

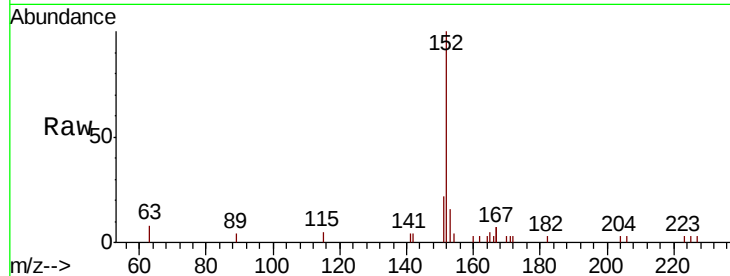
Tot Ion:152 Resp: 3091

Ion Ratio Lower Upper

152 100

151 19.5 16.1 24.1

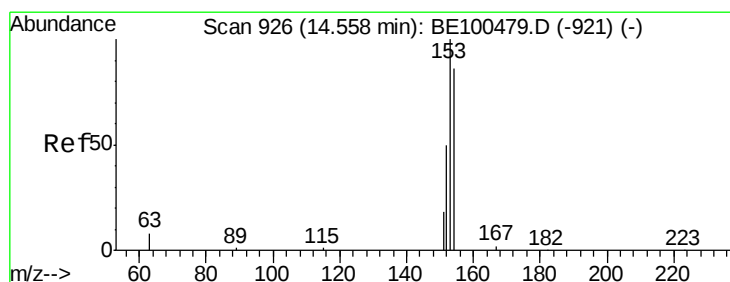
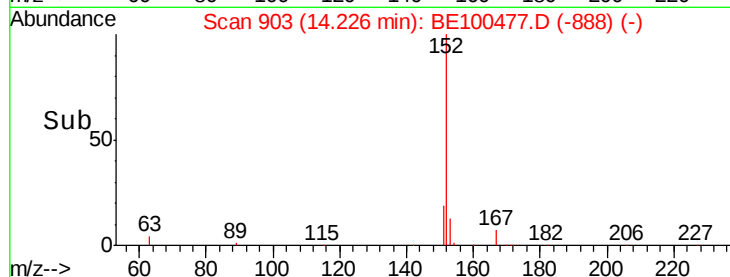
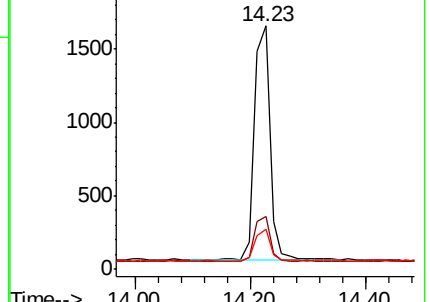
153 12.9 10.6 16.0



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: 0.105 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

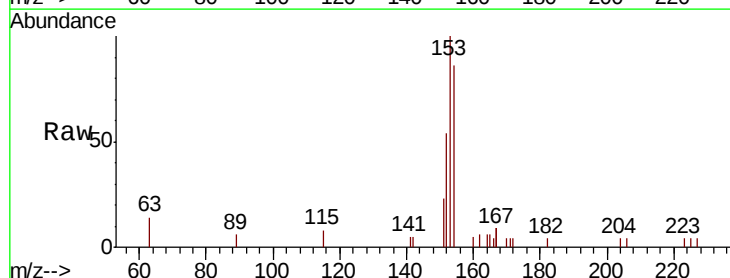
Tgt Ion:154 Resp: 1832

Ion Ratio Lower Upper

154 100

153 113.9 90.8 136.2

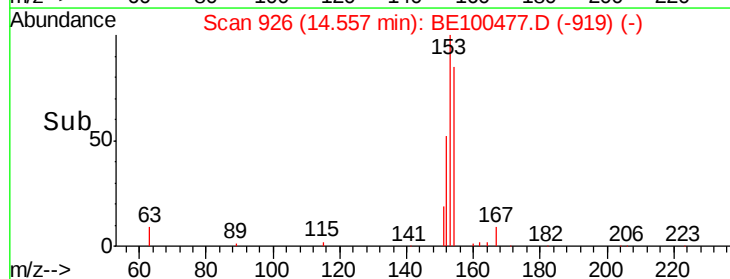
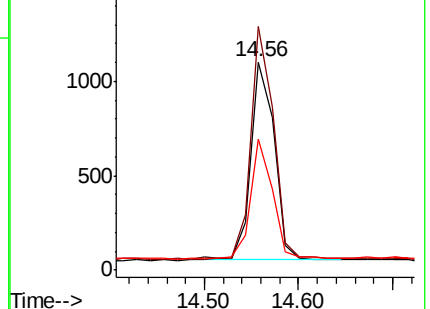
152 56.0 45.1 67.7

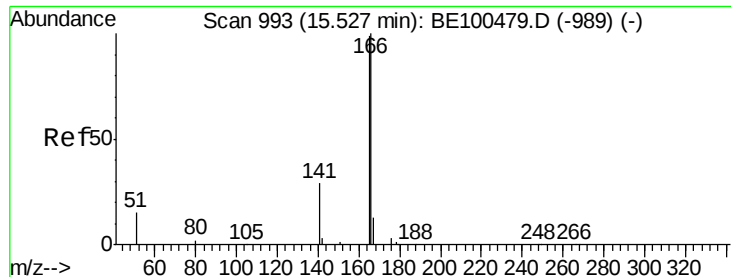


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

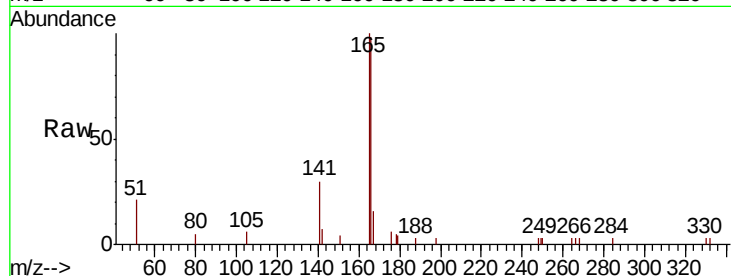




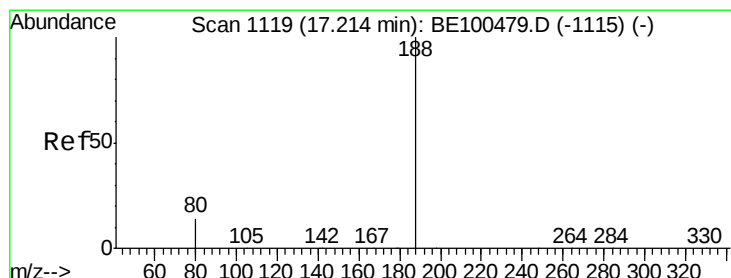
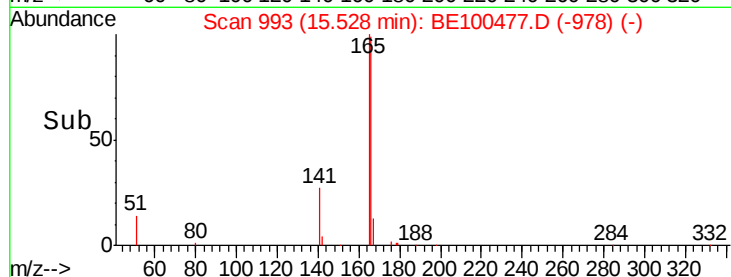
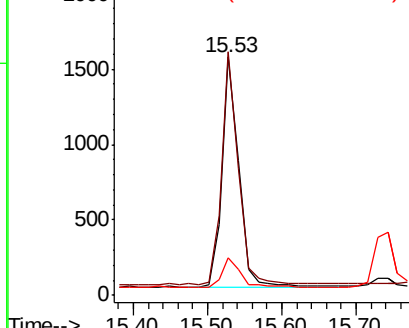
#18
Fluorene
Concen: 0.106 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:166 Resp: 2460
Ion Ratio Lower Upper
166 100
165 99.1 78.3 117.5
167 14.0 10.9 16.3

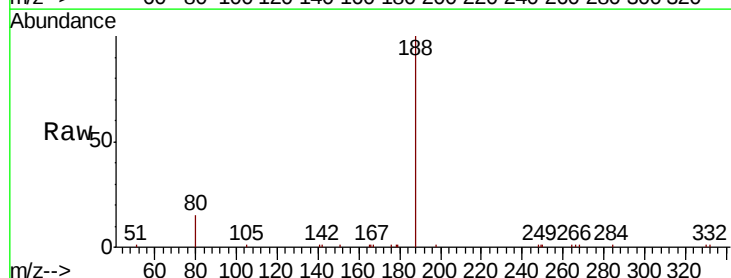


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

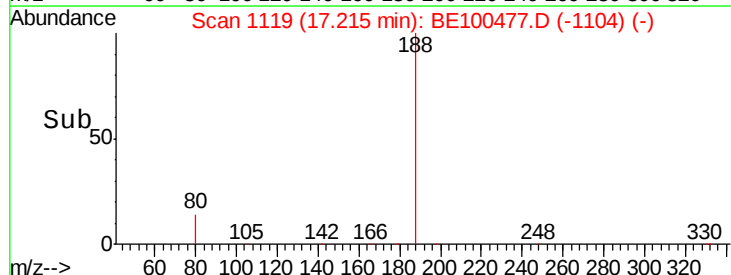
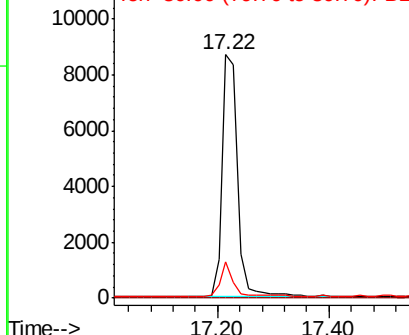


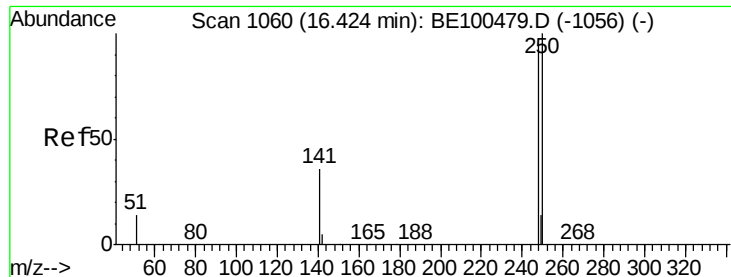
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:188 Resp: 16867
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 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

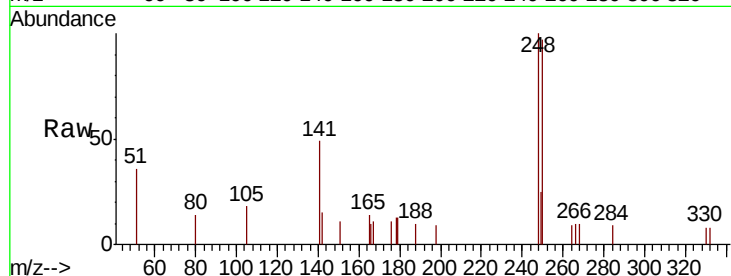




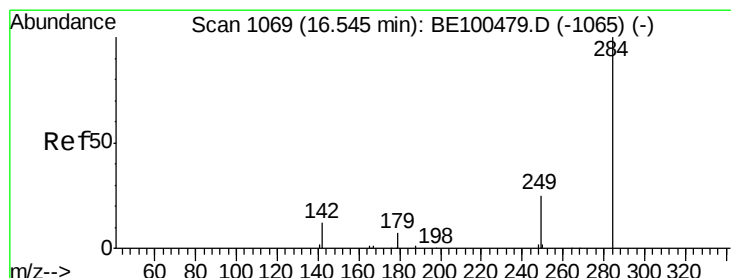
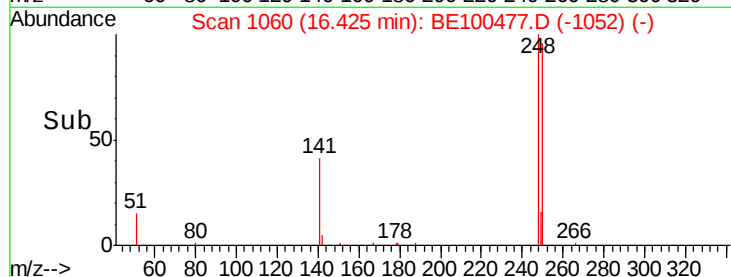
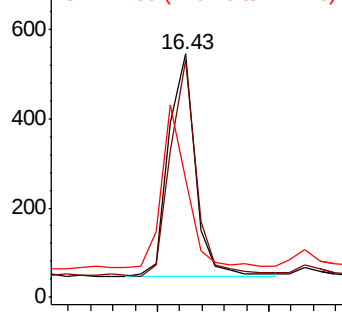
#20
4-Bromophenyl-phenylether
Concen: 0.107 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:248 Resp: 830
Ion Ratio Lower Upper
248 100
250 97.2 84.4 126.6
141 48.7 32.2 48.2#

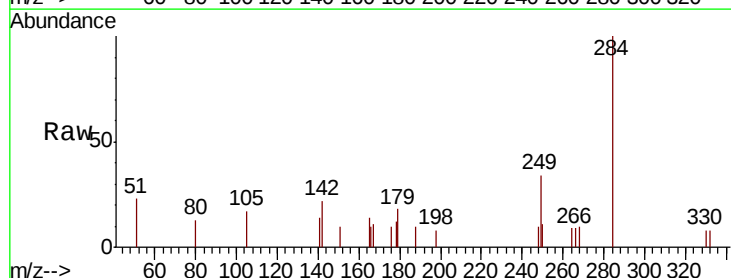


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

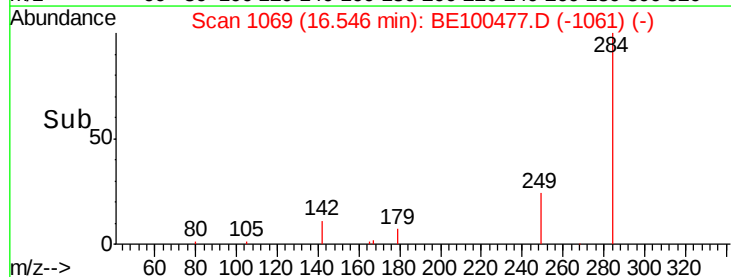
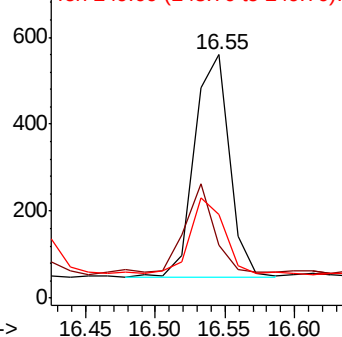


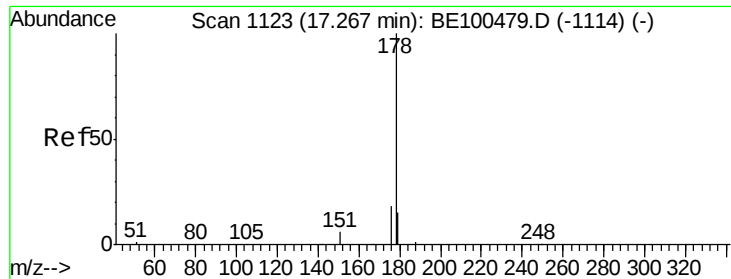
#21
Hexachlorobenzene
Concen: 0.109 ng
RT: 16.55 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:284 Resp: 888
Ion Ratio Lower Upper
284 100
142 32.4 26.7 40.1
249 32.5 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

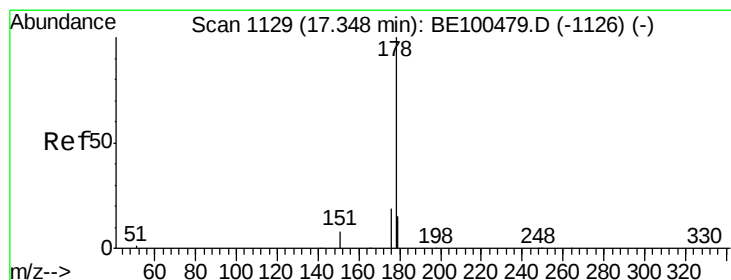
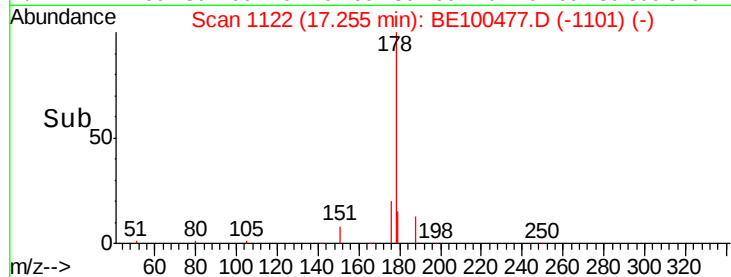
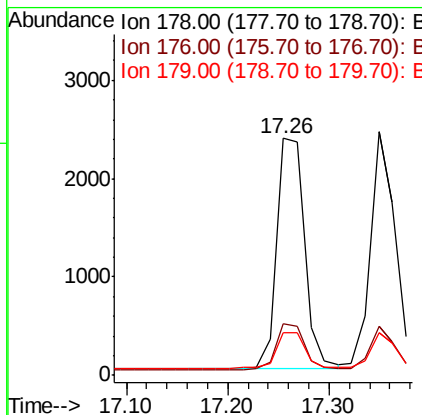
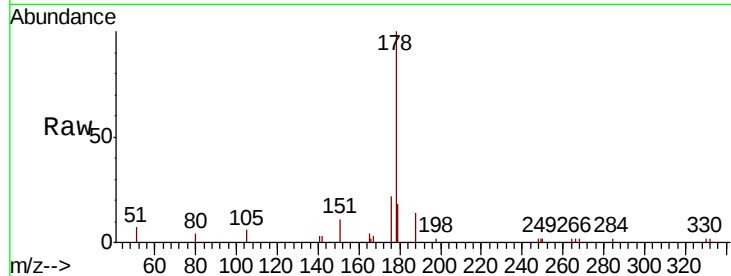




#23
Phenanthrene
Concen: 0.106 ng
RT: 17.26 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

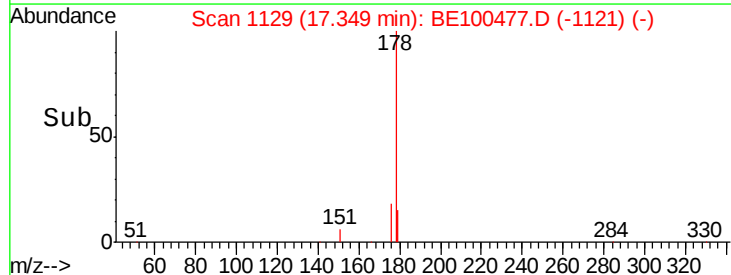
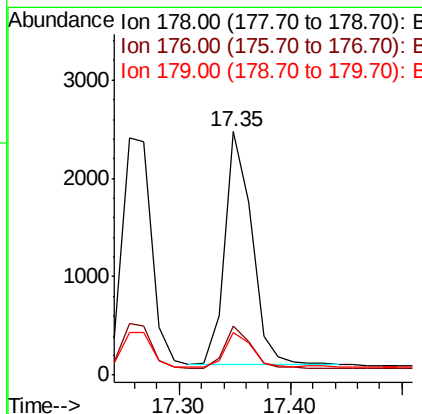
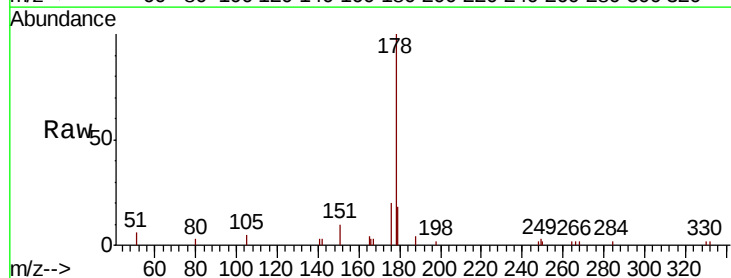
Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

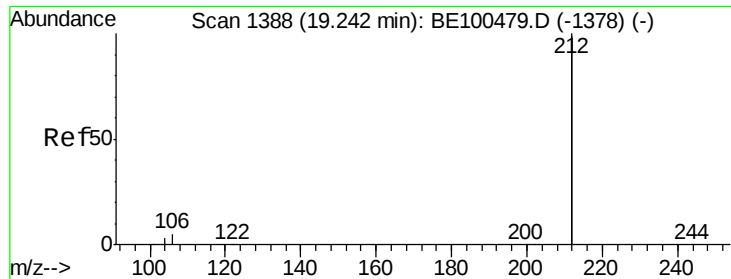
Tot Ion:178 Resp: 4441
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.2
179 16.0 12.6 18.8



#24
Anthracene
Concen: 0.103 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:178 Resp: 4014
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 15.4 12.2 18.2





#25

Fluoranthene-d10

Concen: 0.104 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

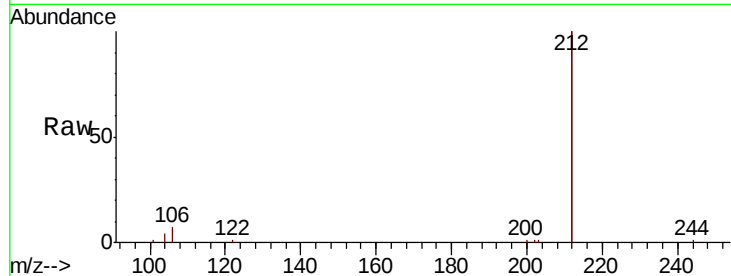
Tot Ion:212 Resp: 24610

Ion Ratio Lower Upper

212 100

106 2.9 2.2 3.4

104 1.5 1.2 1.8

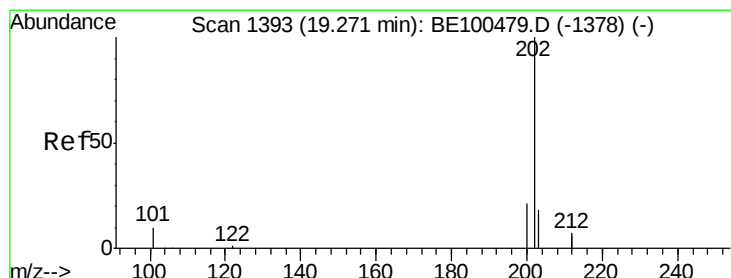
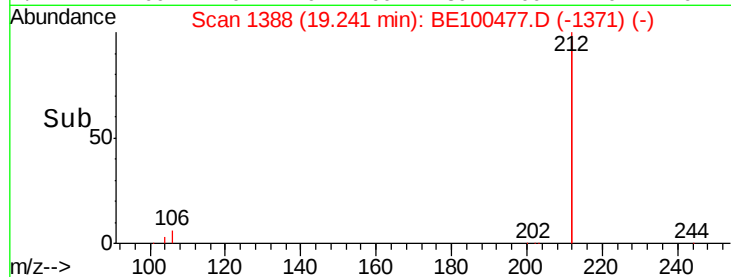
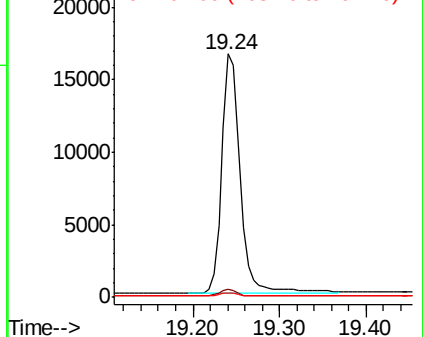


Abundance

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: 0.104 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

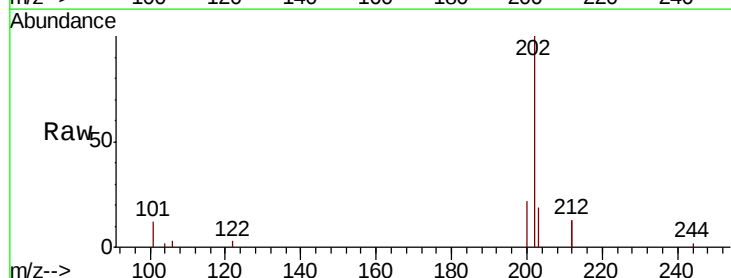
Tgt Ion:202 Resp: 6451

Ion Ratio Lower Upper

202 100

101 9.6 8.0 12.0

203 16.7 13.5 20.3

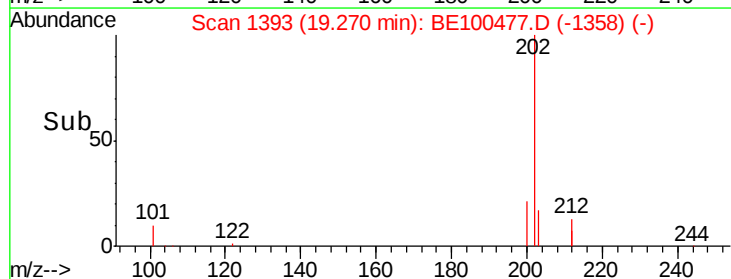
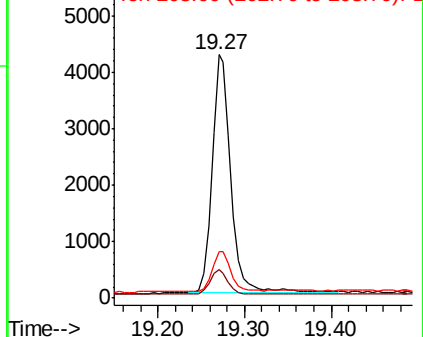


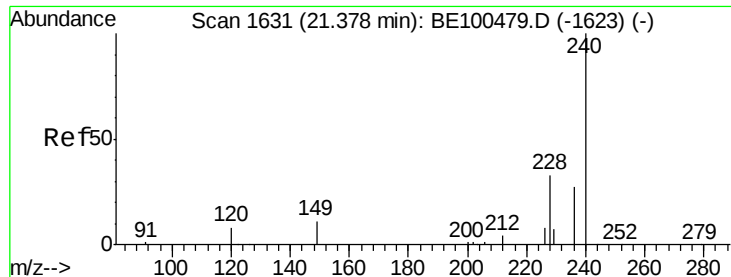
Abundance

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: BE100477.D

Acq: 22 Jul 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

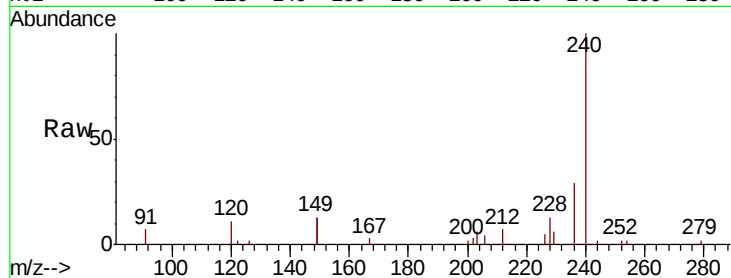
Tot Ion:240 Resp: 20148

Ion Ratio Lower Upper

240 100

120 11.4 8.2 12.2

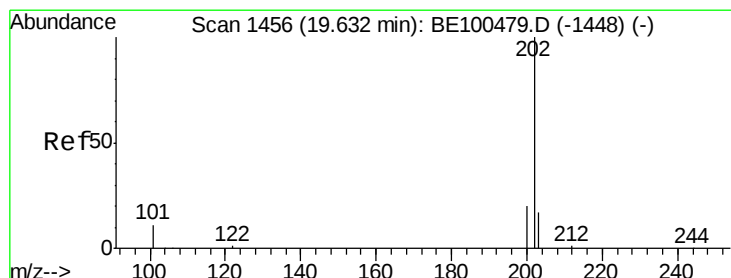
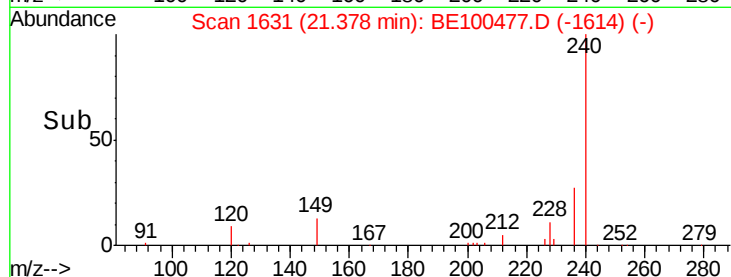
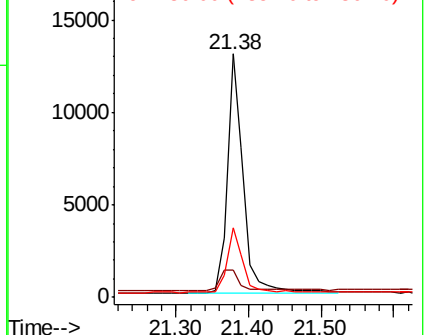
236 28.7 22.6 34.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.113 ng

RT: 19.63 min Scan# 1456

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

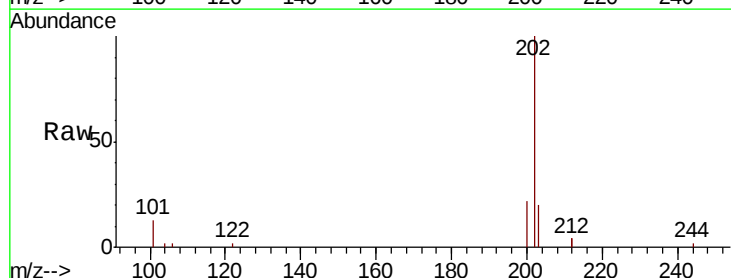
Tgt Ion:202 Resp: 6707

Ion Ratio Lower Upper

202 100

200 21.3 16.6 24.8

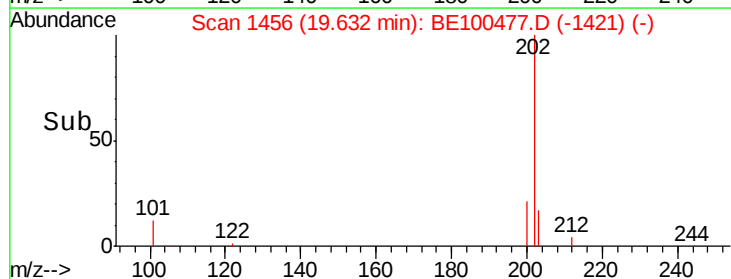
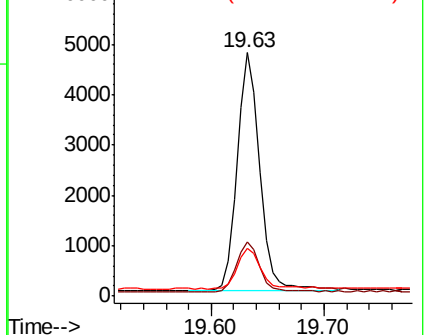
203 18.4 14.1 21.1

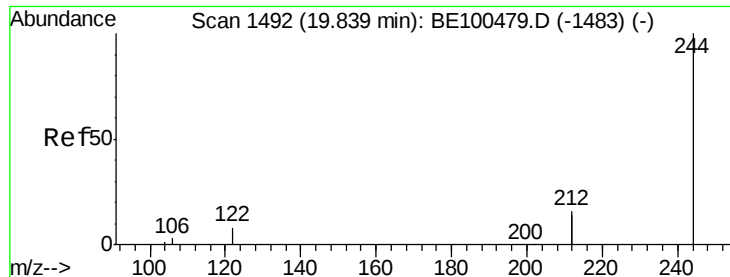


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.117 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

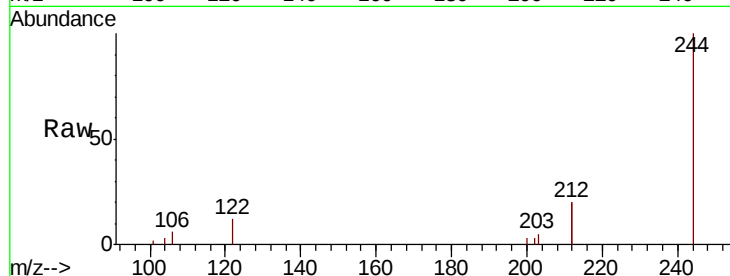
Tot Ion:244 Resp: 5441

Ion Ratio Lower Upper

244 100

212 41.0 25.6 38.4#

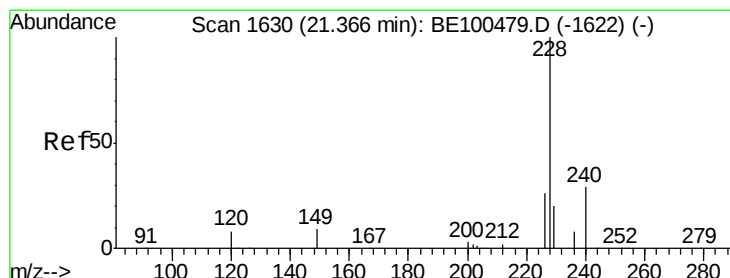
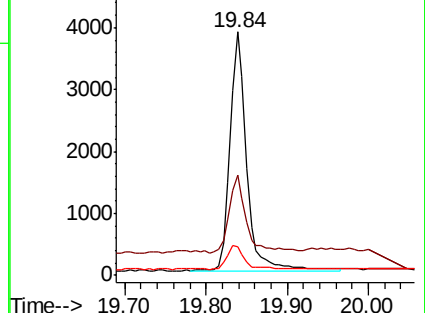
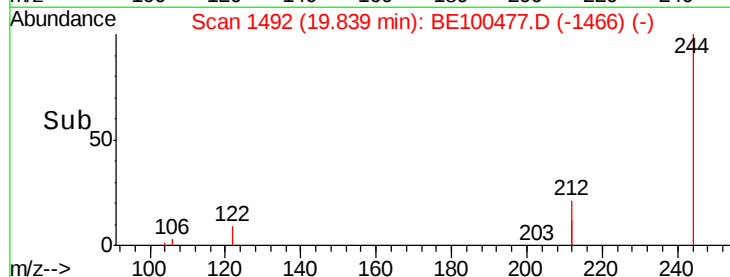
122 11.6 7.2 10.8#



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: 0.106 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

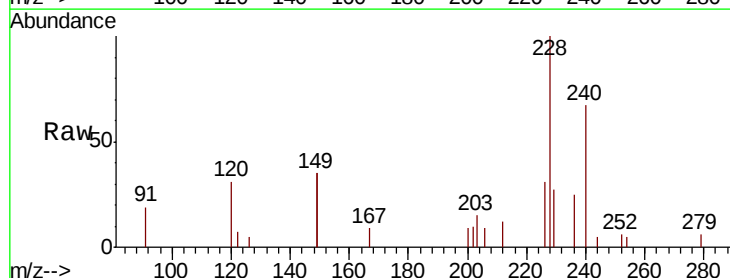
Tgt Ion:228 Resp: 6535

Ion Ratio Lower Upper

228 100

226 31.2 21.4 32.2

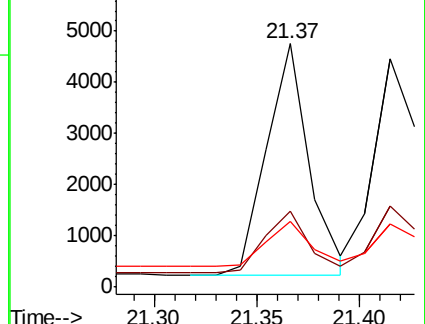
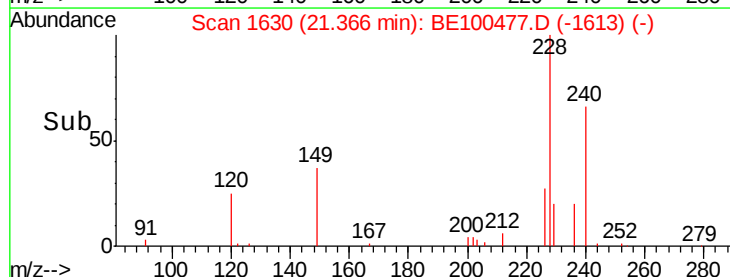
229 26.9 17.3 25.9#

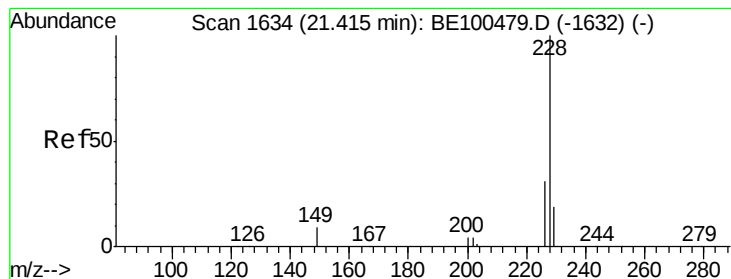


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.107 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.1

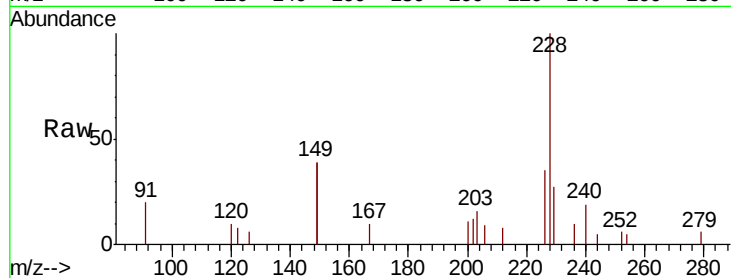
Tot Ion:228 Resp: 6551

Ion Ratio Lower Upper

228 100

226 35.4 25.0 37.6

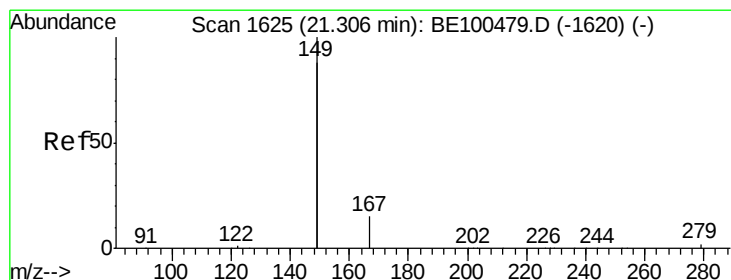
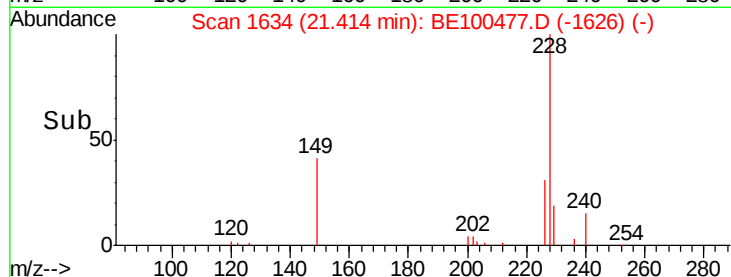
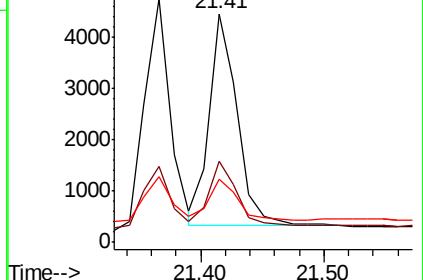
229 27.4 16.7 25.1#



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: 0.126 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

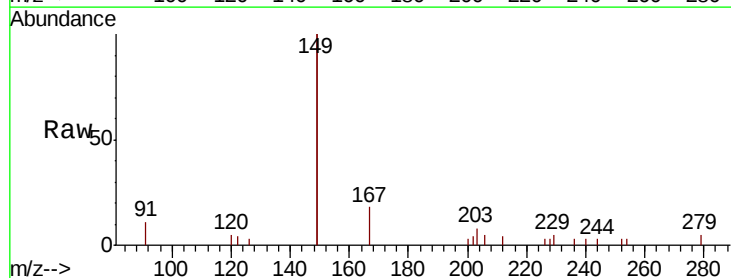
Tgt Ion:149 Resp: 17232

Ion Ratio Lower Upper

149 100

167 7.8 5.9 8.9

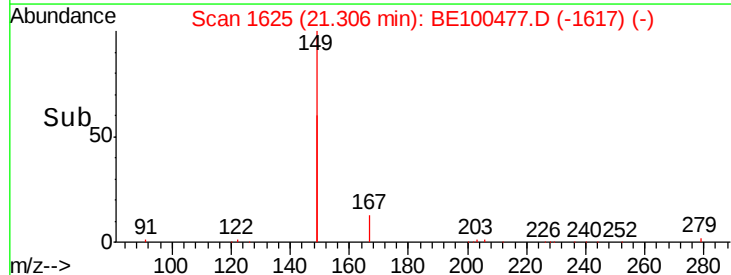
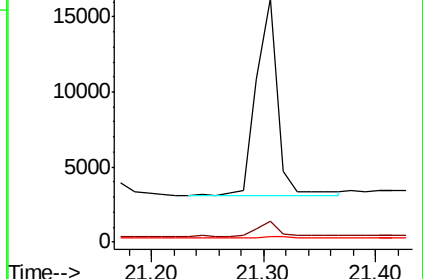
279 1.2 1.0 1.6

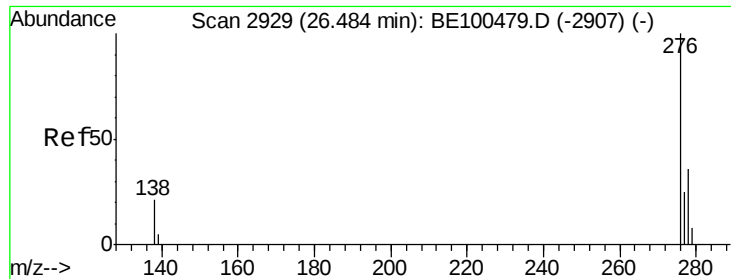


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

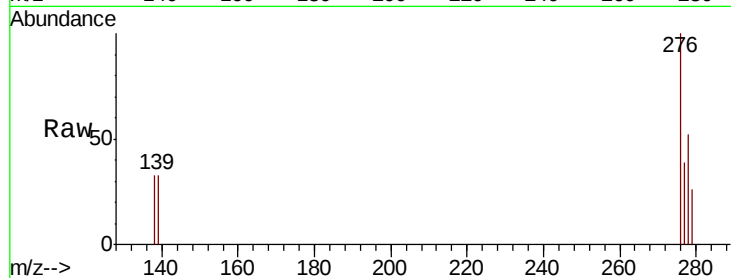




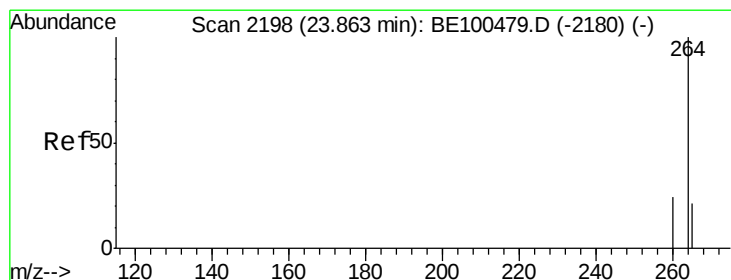
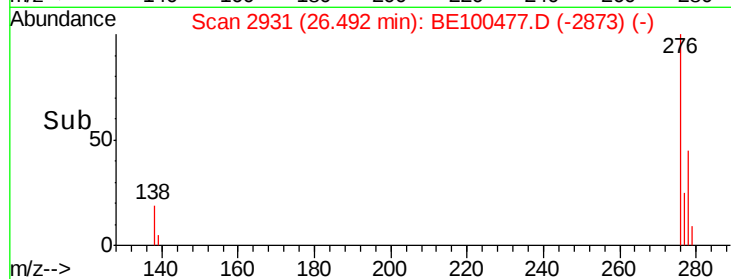
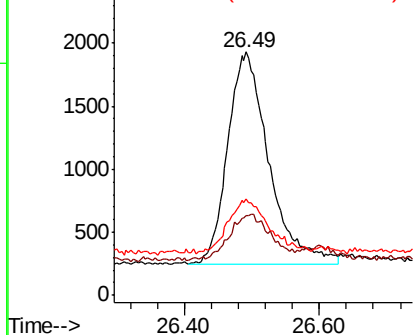
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng
RT: 26.49 min Scan# 2931
Delta R.T. 0.01 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:276 Resp: 7158
Ion Ratio Lower Upper
276 100
138 20.1 16.6 25.0
277 24.9 19.1 28.7

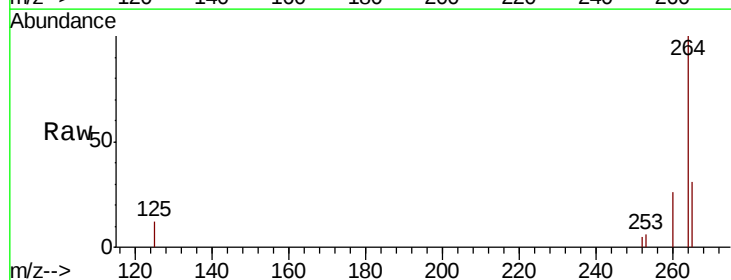


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

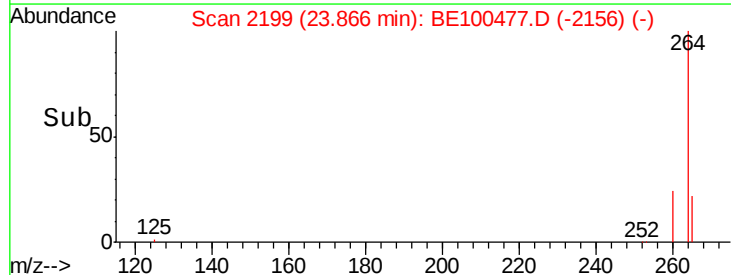
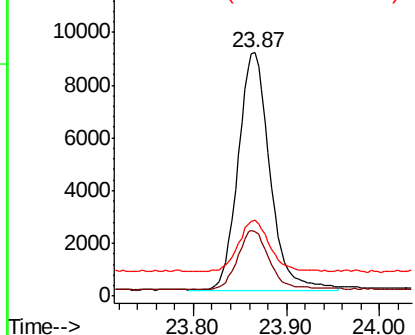


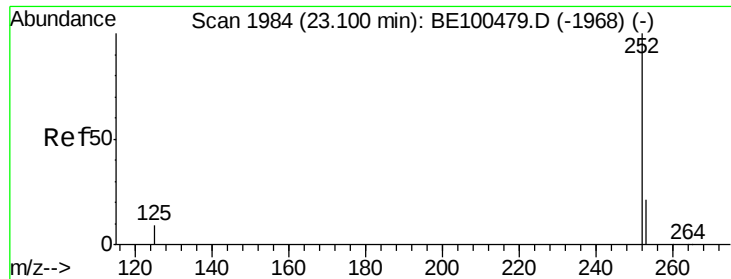
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BE100477.D
Acq: 22 Jul 2019 12:37

Tgt Ion:264 Resp: 21388
Ion Ratio Lower Upper
264 100
260 26.3 20.7 31.1
265 31.2 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: 0.106 ng

RT: 23.10 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

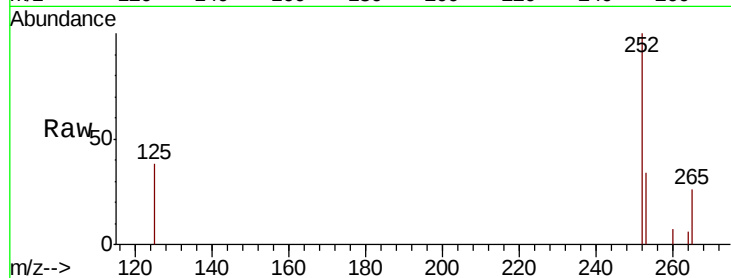
Tot Ion:252 Resp: 6268

Ion Ratio Lower Upper

252 100

253 33.7 19.2 28.8#

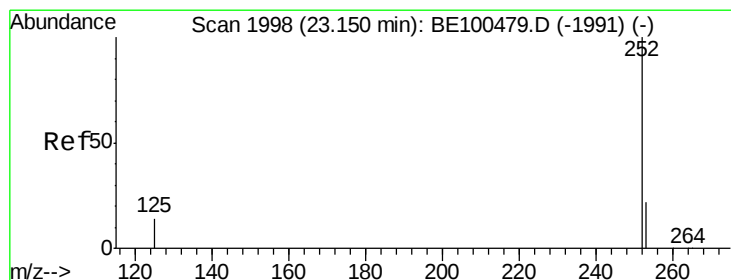
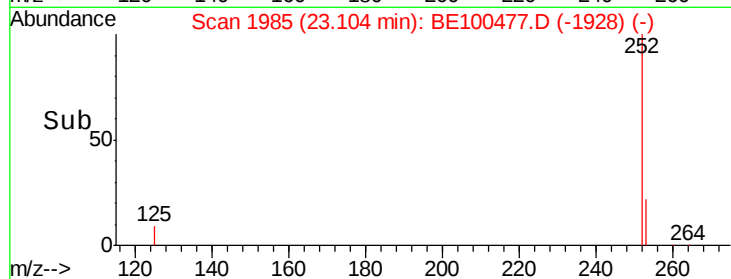
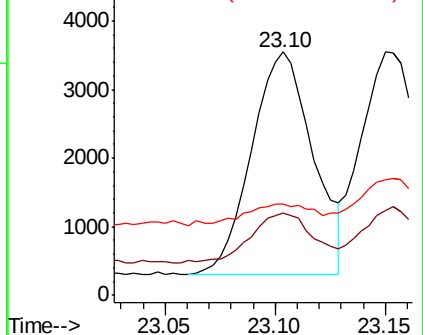
125 37.7 11.9 17.9#



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: 0.099 ng

RT: 23.15 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

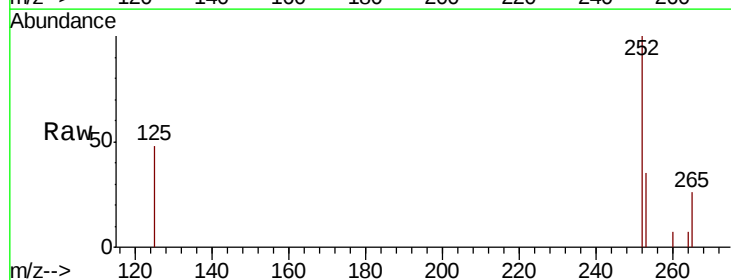
Tgt Ion:252 Resp: 6232

Ion Ratio Lower Upper

252 100

253 35.1 19.7 29.5#

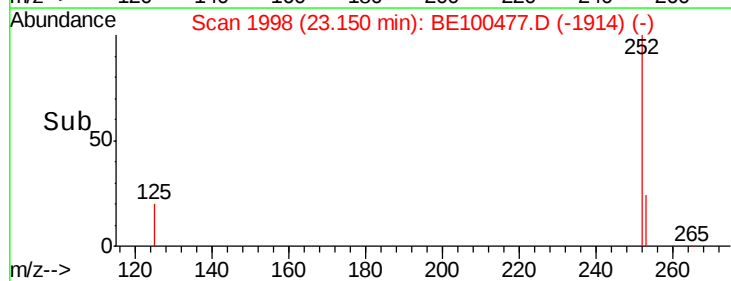
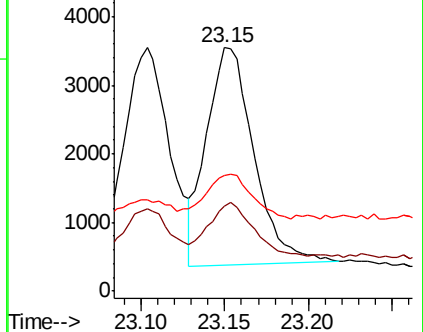
125 47.8 15.2 22.8#

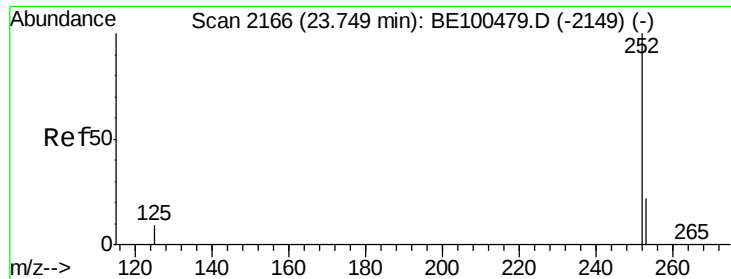


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.105 ng

RT: 23.75 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

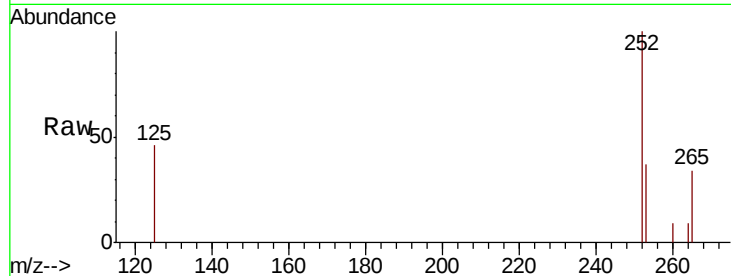
Tot Ion:252 Resp: 5960

Ion Ratio Lower Upper

252 100

253 37.5 20.0 30.0#

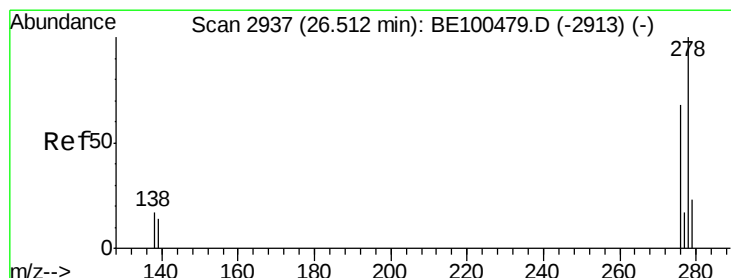
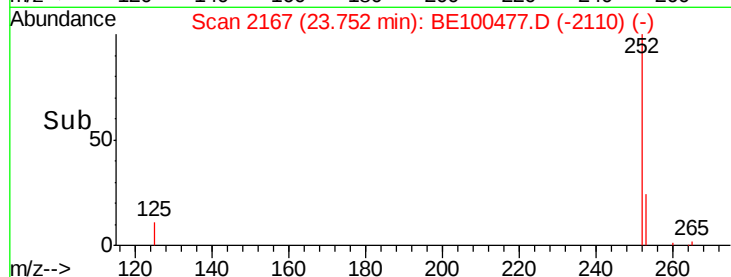
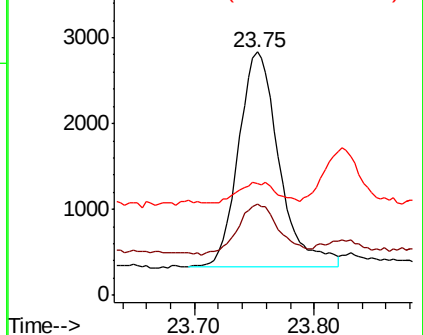
125 46.2 14.1 21.1#



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: 0.107 ng

RT: 26.52 min Scan# 2938

Delta R.T. 0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

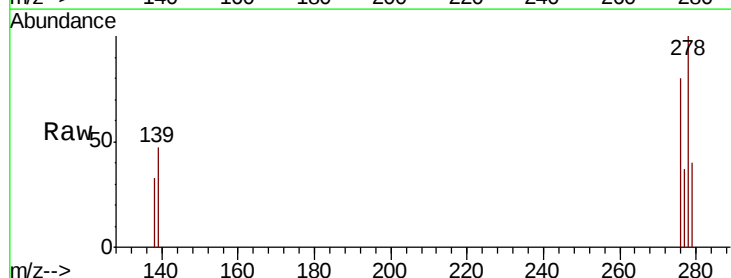
Tgt Ion:278 Resp: 5757

Ion Ratio Lower Upper

278 100

139 47.3 16.8 25.2#

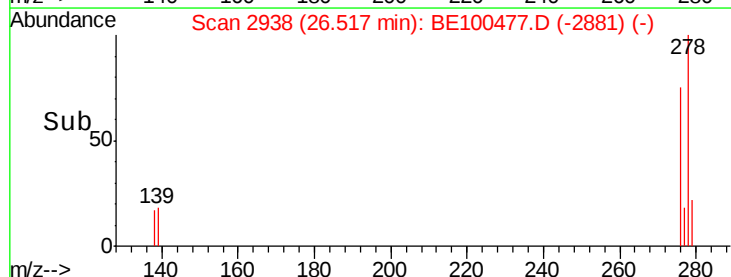
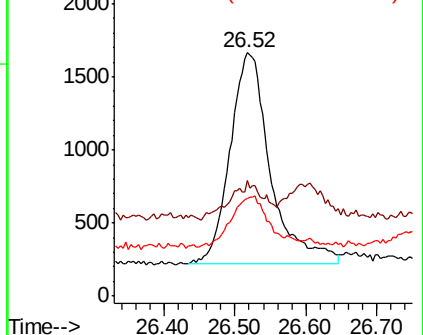
279 39.9 21.8 32.8#

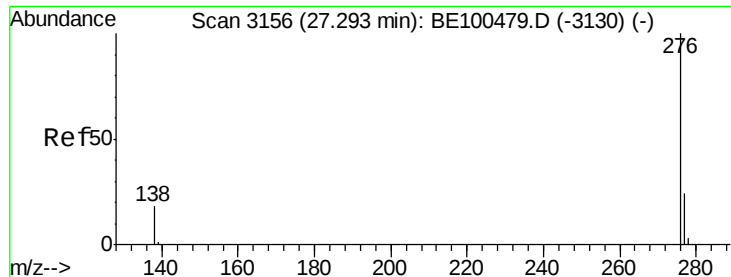


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.108 ng

RT: 27.29 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BE100477.D

Acq: 22 Jul 2019 12:37

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

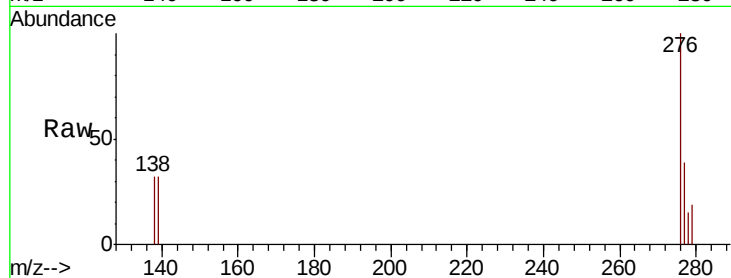
Tot Ion: 276 Resp: 5987

Ion Ratio Lower Upper

276 100

277 39.2 22.0 33.0#

138 32.0 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

