

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
 Data File : BE100498.D
 Acq On : 23 Jul 2019 13:03
 Operator : HP/JU
 Sample : PB121558BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB121558BS

Quant Time: Jul 24 02:06:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 08:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2932	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	11544	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	6143	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	13652	0.40	ng	0.00
27) Chrysene-d12	21.38	240	17157	0.40	ng	0.00
34) Perylene-d12	23.85	264	21603	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.45	112	2814	0.39	ng	0.00
5) Phenol-d6	7.02	99	3858	0.38	ng	0.00
8) Nitrobenzene-d5	9.02	82	2840	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	8175	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	795	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	7606	0.30	ng	0.00
25) Fluoranthene-d10	19.24	212	52052	0.28	ng	0.00
29) Terphenyl-d14	19.83	244	9424	0.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	1471	0.279	ng	# 53
3) n-Nitrosodimethylamine	3.67	42	879	0.328	ng	# 66
6) bis(2-Chloroethyl)ether	7.29	93	3072	0.350	ng	93
9) Naphthalene	10.70	128	36221	0.327	ng	99
10) Hexachlorobutadiene	11.00	225	1704	0.322	ng	99
12) 2-Methylnaphthalene	12.32	142	6144	0.308	ng	99
16) Acenaphthylene	14.21	152	8959	0.315	ng	99
17) Acenaphthene	14.56	154	5414	0.317	ng	99
18) Fluorene	15.53	166	7029	0.308	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	2229	0.343	ng	# 73
21) Hexachlorobenzene	16.53	284	2255	0.337	ng	98
22) Pentachlorophenol	16.87	266	912	0.409	ng	91
23) Phenanthrene	17.26	178	11354	0.339	ng	99
24) Anthracene	17.35	178	10387	0.326	ng	99
26) Fluoranthene	19.27	202	14837	0.308	ng	100
28) Pyrene	19.63	202	15739	0.294	ng	100
30) Benzo(a)anthracene	21.35	228	15822	0.302	ng	98
31) Chrysene	21.42	228	16177	0.313	ng	97
32) Bis(2-ethylhexyl)phthalate	21.29	149	41854	0.348	ng	100
33) Indeno(1,2,3-cd)pyrene	26.47	276	22588	0.401	ng	98
35) Benzo(b)fluoranthene	23.09	252	18855	0.319	ng	# 96
36) Benzo(k)fluoranthene	23.14	252	20869	0.336	ng	# 93
37) Benzo(a)pyrene	23.74	252	18769	0.327	ng	# 95
38) Dibenzo(a,h)anthracene	26.50	278	18554	0.341	ng	95
39) Benzo(g,h,i)perylene	27.27	276	19740	0.355	ng	97

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

```
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Sample    : PB121558BS  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. 0.00 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB121558BS

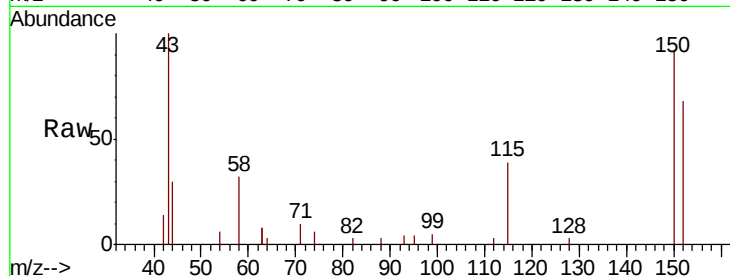
Tgt Ion:152 Resp: 2932

Ion Ratio Lower Upper

152 100

150 135.2 115.0 172.6

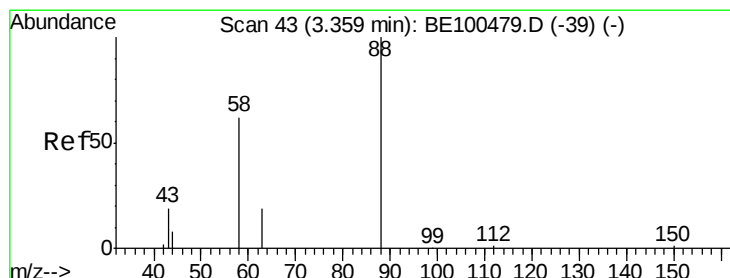
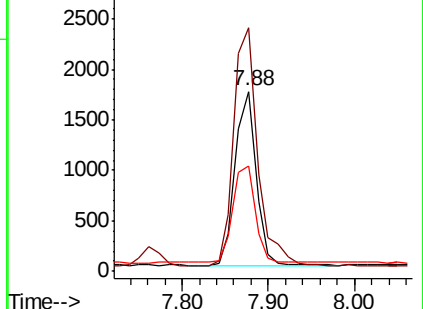
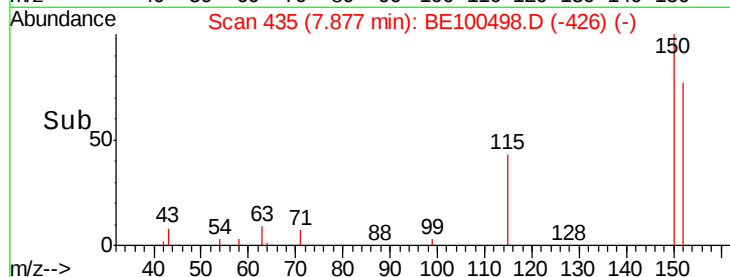
115 58.3 52.9 79.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.279 ng

RT: 3.36 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

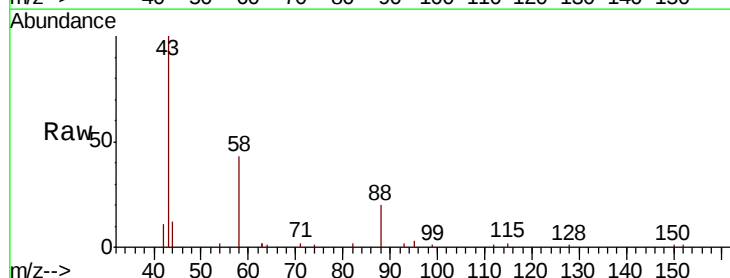
Tgt Ion: 88 Resp: 1471

Ion Ratio Lower Upper

88 100

58 103.3 53.2 79.8#

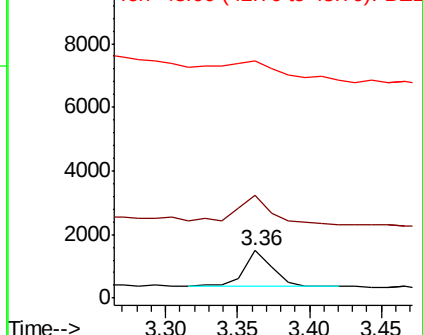
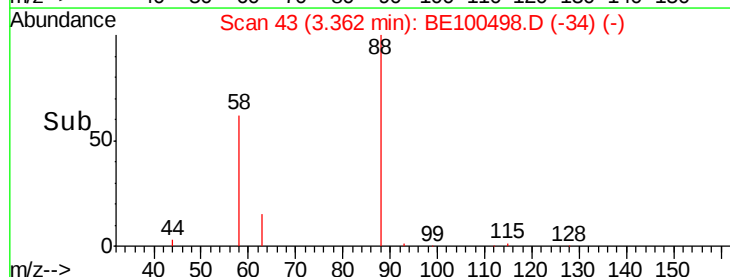
43 0.0 20.8 31.2#

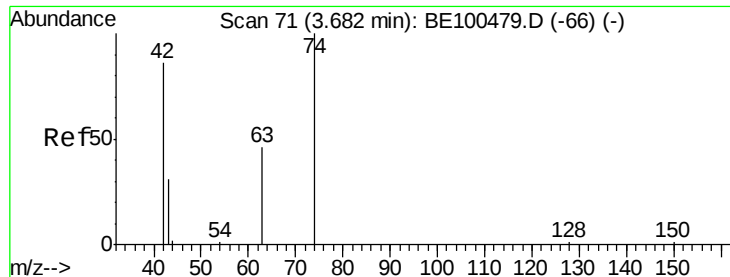


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.328 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB121558BS

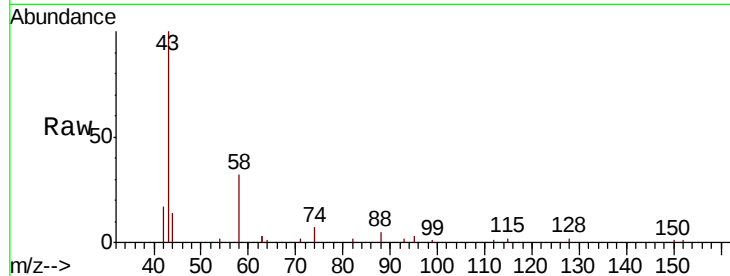
Tgt Ion: 42 Resp: 879

Ion Ratio Lower Upper

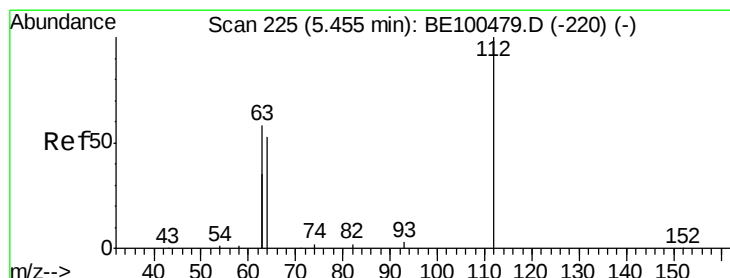
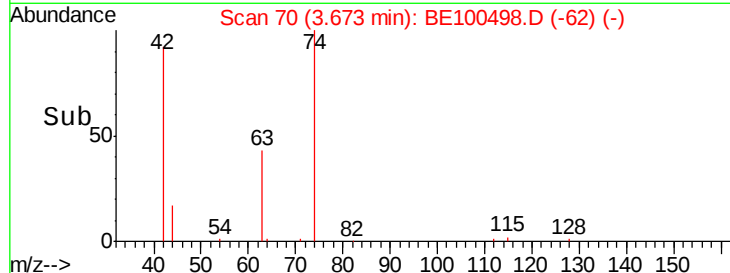
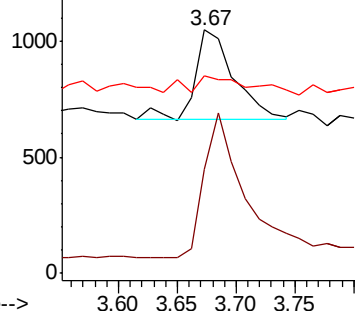
42 100

74 167.6 0.0 0.0#

44 25.1 9.6 14.4#



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.393 ng

RT: 5.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

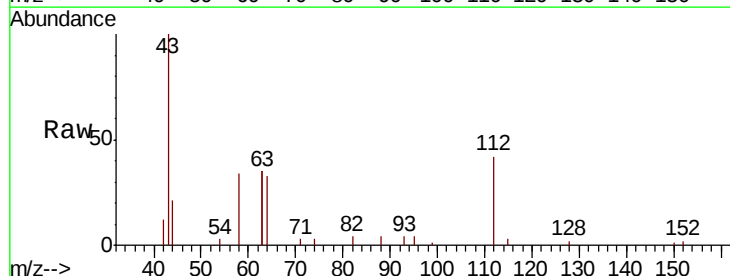
Tgt Ion: 112 Resp: 2814

Ion Ratio Lower Upper

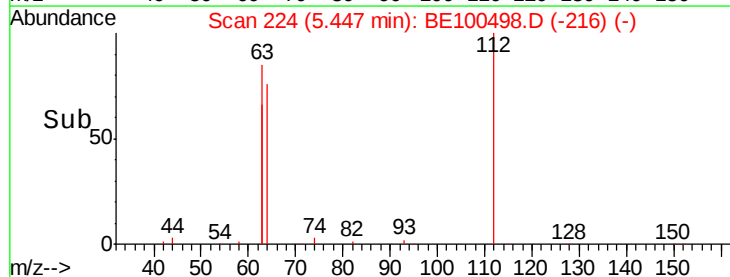
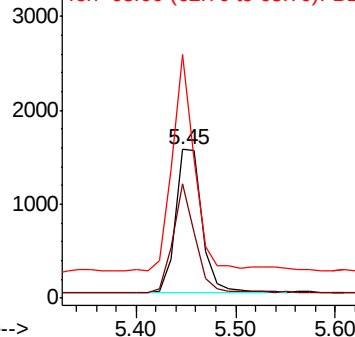
112 100

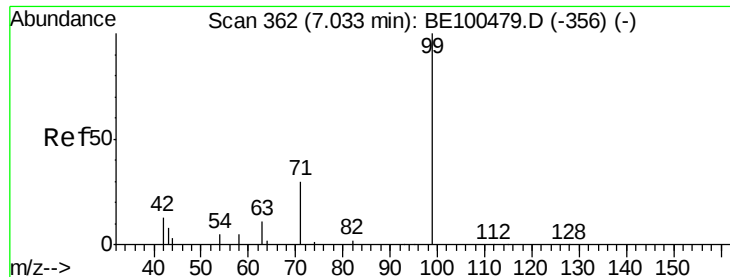
64 65.9 54.1 81.1

63 123.7 104.6 157.0



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





#5

Phenol-d6

Concen: 0.378 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB121558BS

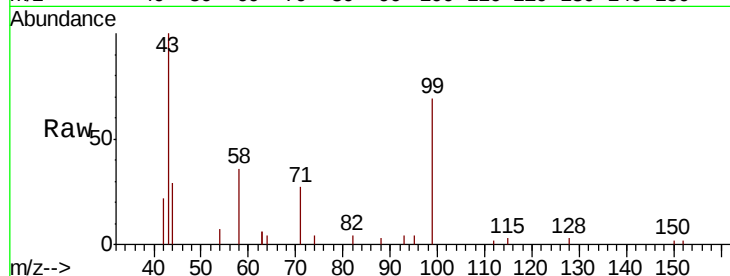
Tgt Ion: 99 Resp: 3858

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

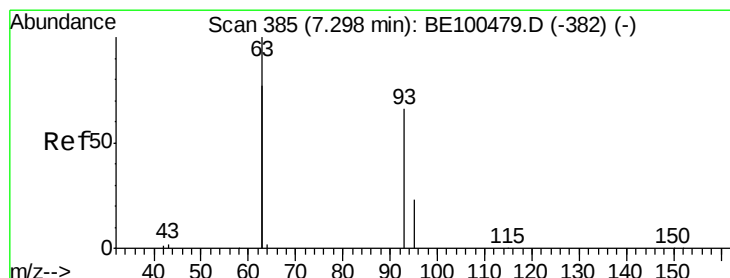
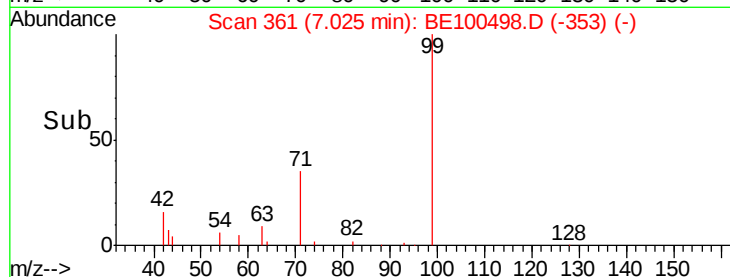
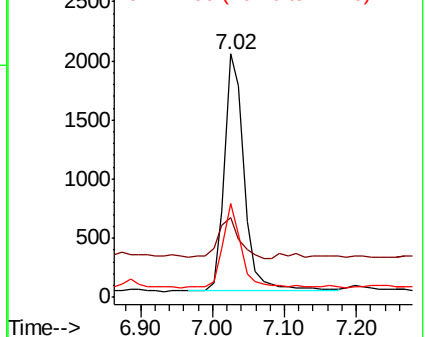
71 34.9 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.350 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

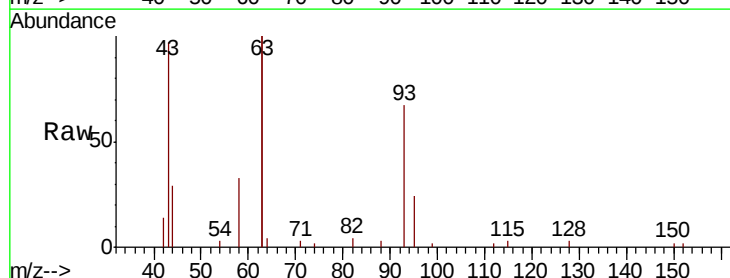
Tgt Ion: 93 Resp: 3072

Ion Ratio Lower Upper

93 100

63 294.4 248.3 372.5

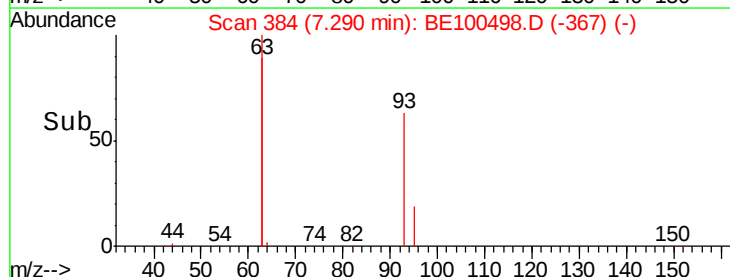
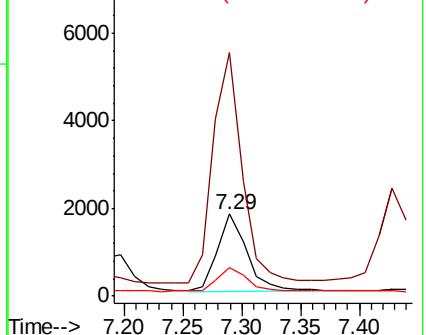
95 32.2 25.4 38.0

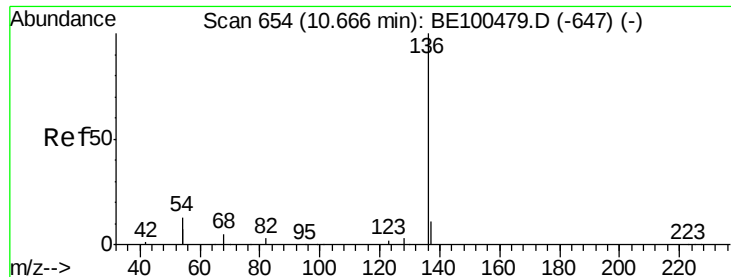


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE100498.D

Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB121558BS

Tgt Ion:136 Resp: 11544

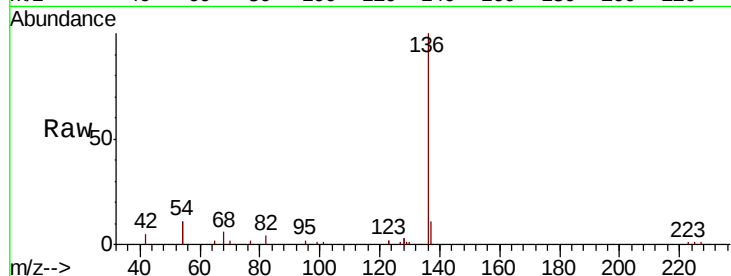
Ion Ratio Lower Upper

136 100

137 11.4 9.8 14.6

54 21.7 20.6 31.0

68 5.6 5.3 7.9

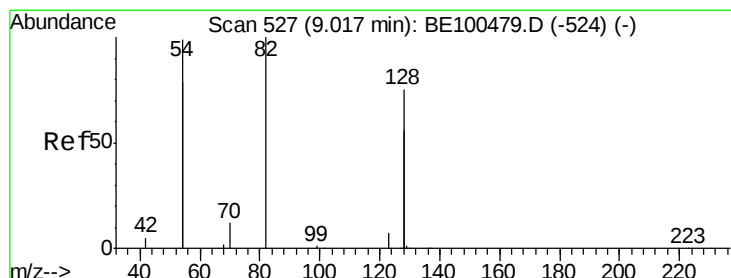
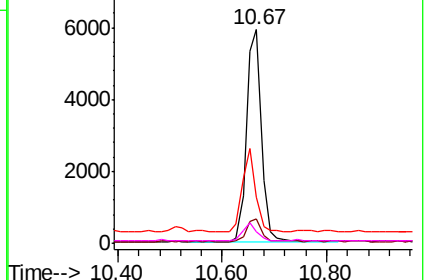
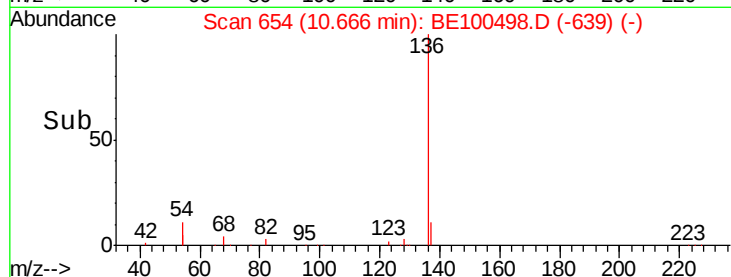


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.296 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

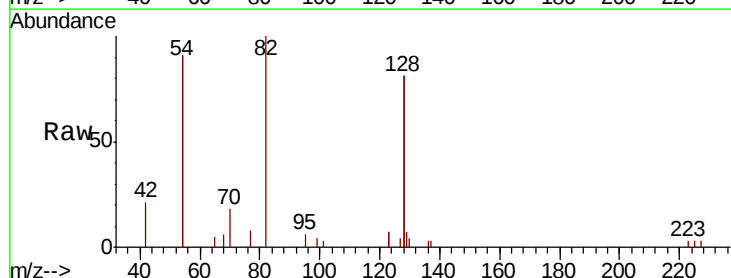
Tgt Ion: 82 Resp: 2840

Ion Ratio Lower Upper

82 100

128 161.5 113.6 170.4

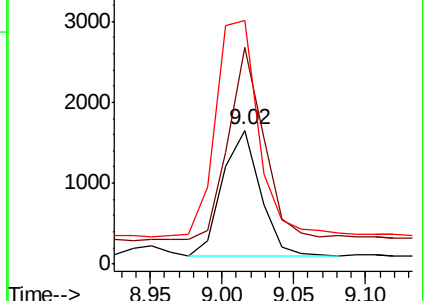
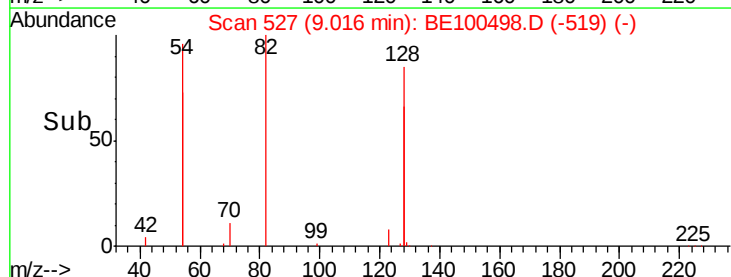
54 181.8 150.6 226.0

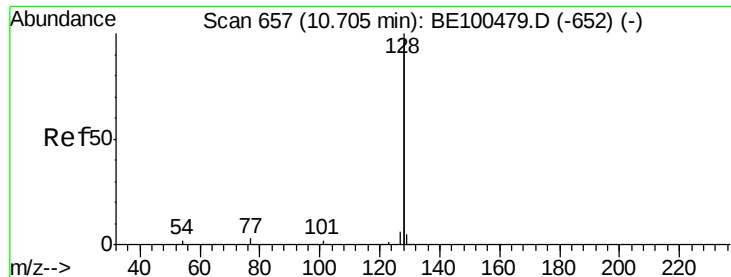


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

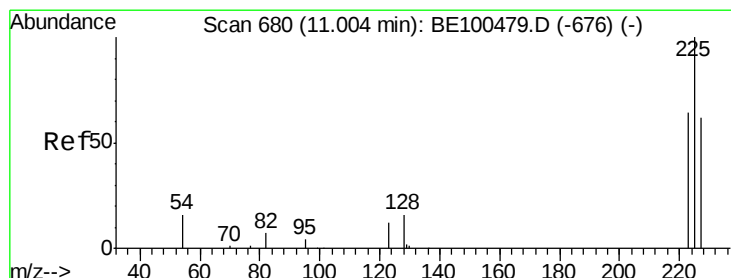
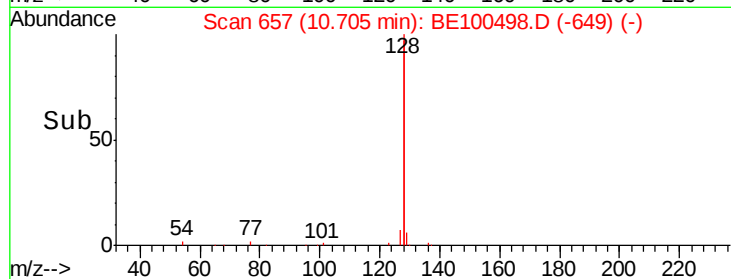
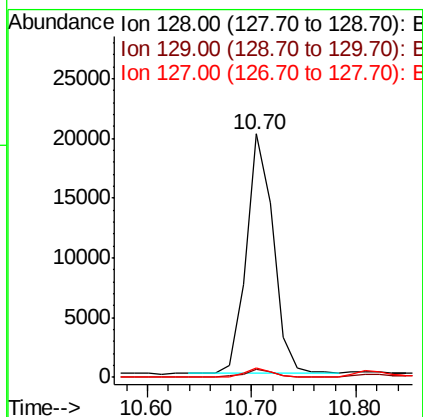
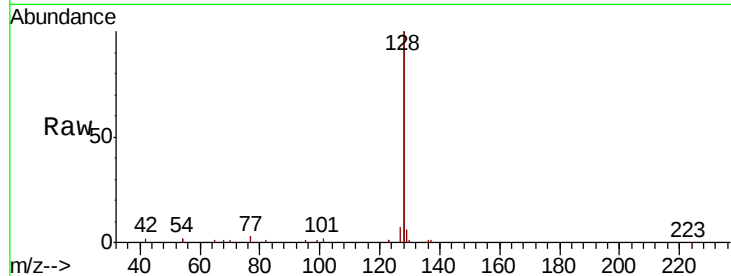




#9
Naphthalene
Concen: 0.327 ng
RT: 10.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

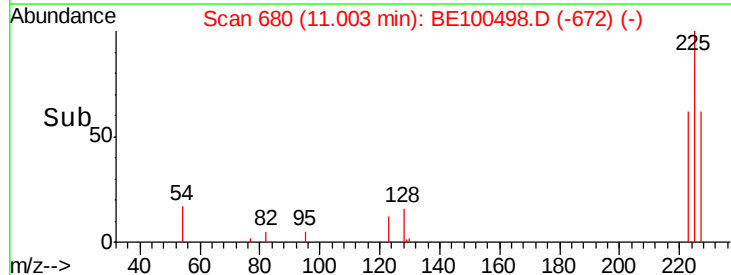
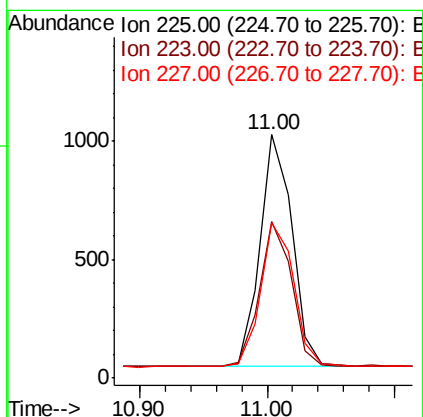
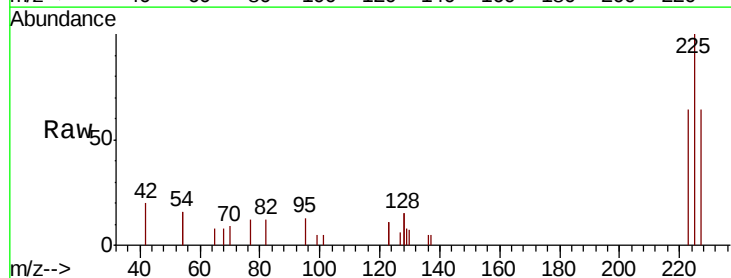
Instrument :
BNA_E
ClientSampleId :
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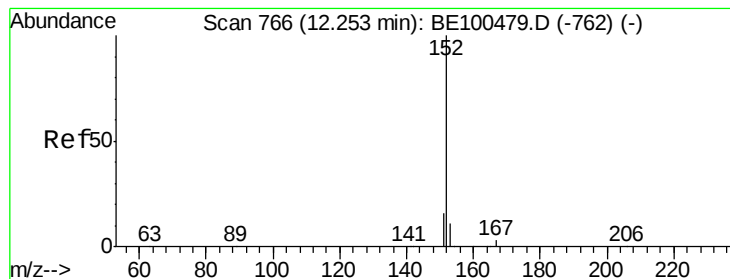
Tgt Ion:128 Resp: 36221
Ion Ratio Lower Upper
128 100
129 3.1 2.3 3.5
127 3.6 2.7 4.1



#10
Hexachlorobutadiene
Concen: 0.322 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:225 Resp: 1704
Ion Ratio Lower Upper
225 100
223 62.8 49.4 74.0
227 64.3 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.427 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.00 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

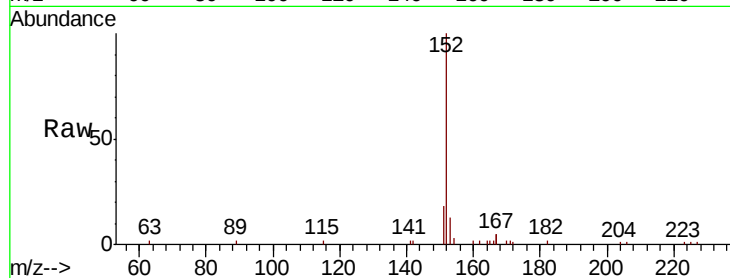
PB121558BS

Tgt Ion:152 Resp: 8175

Ion Ratio Lower Upper

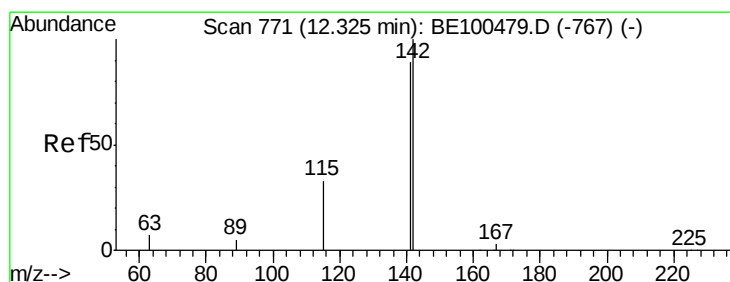
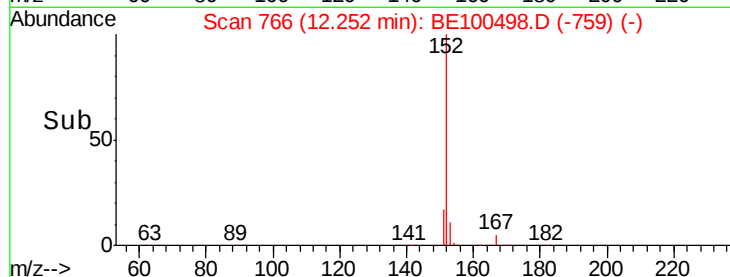
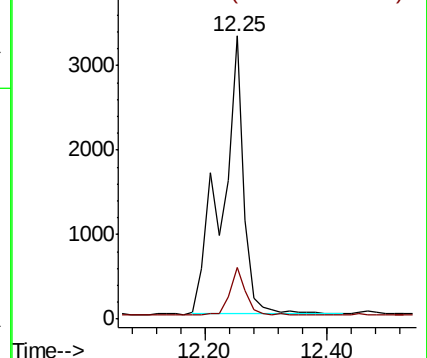
152 100

151 12.4 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: 0.308 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.00 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

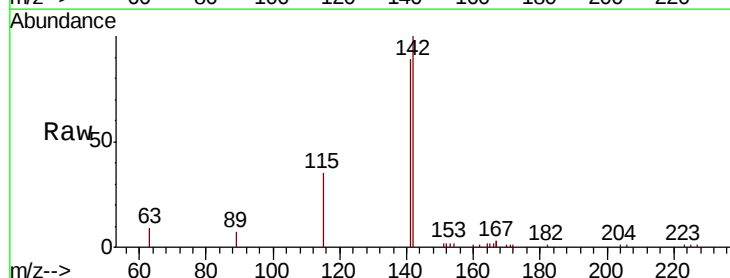
Tgt Ion:142 Resp: 6144

Ion Ratio Lower Upper

142 100

141 88.8 71.7 107.5

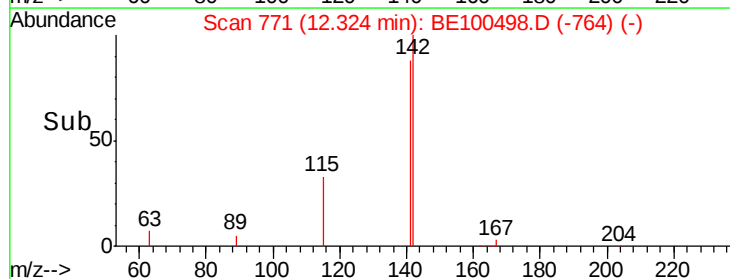
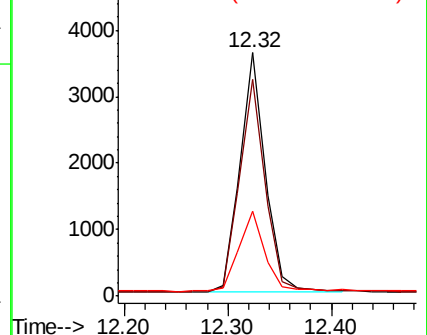
115 34.7 27.8 41.6

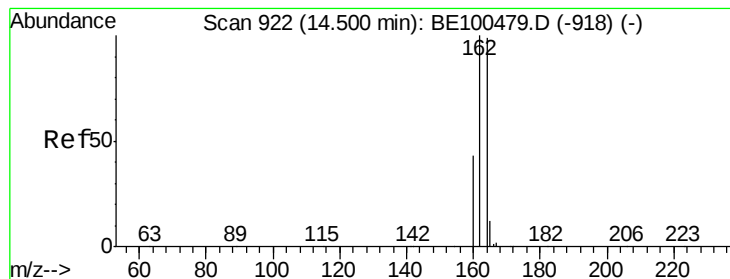


Abundance Ion 142.00 (141.70 to 142.70): E

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: BE100498.D

Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB121558BS

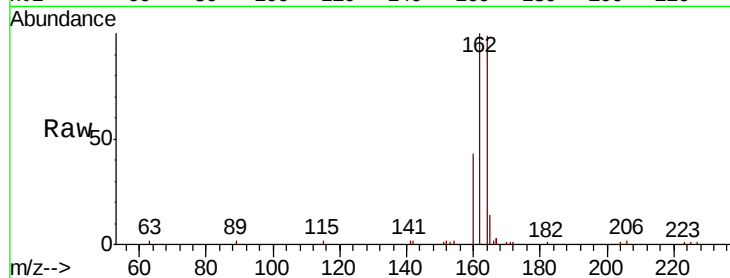
Tgt Ion:164 Resp: 6143

Ion Ratio Lower Upper

164 100

162 101.5 80.8 121.2

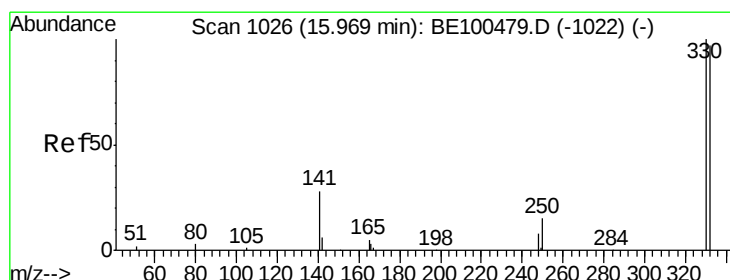
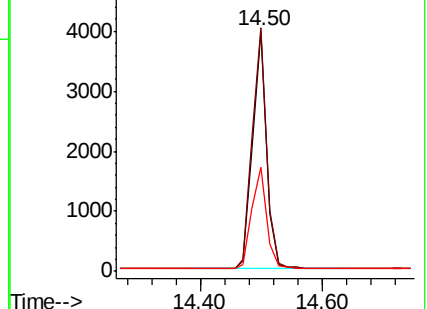
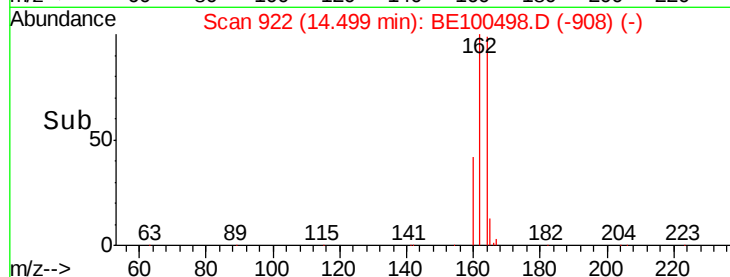
160 43.5 34.9 52.3



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: 0.298 ng

RT: 15.97 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

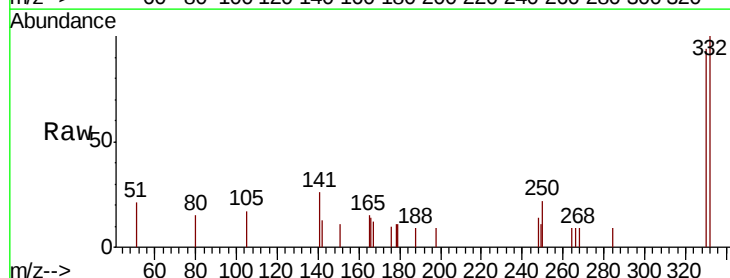
Tgt Ion:330 Resp: 795

Ion Ratio Lower Upper

330 100

332 99.6 80.5 120.7

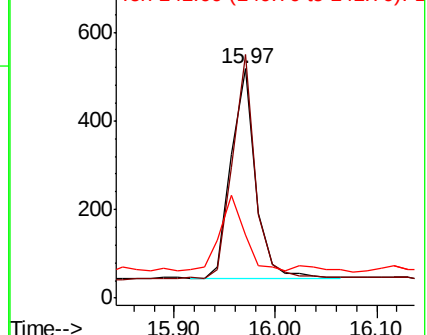
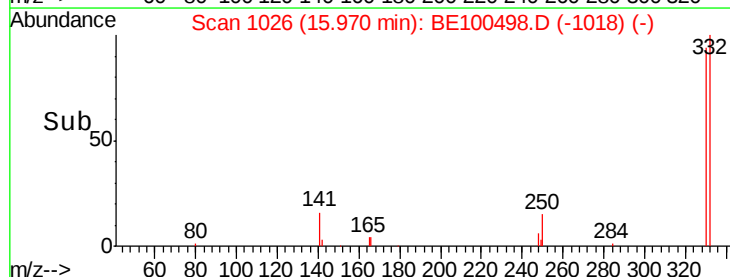
141 35.7 29.9 44.9

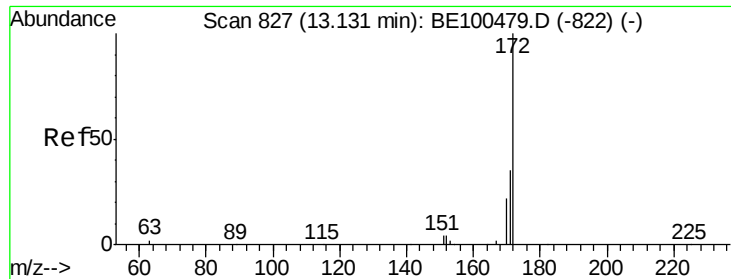


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

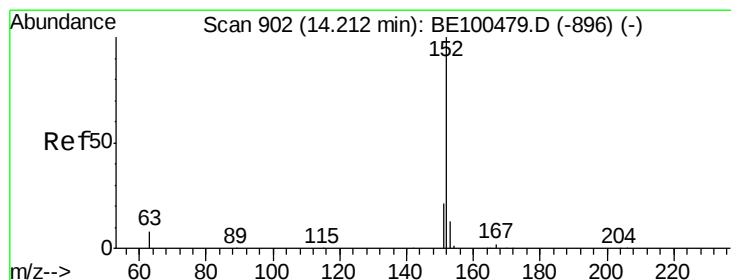
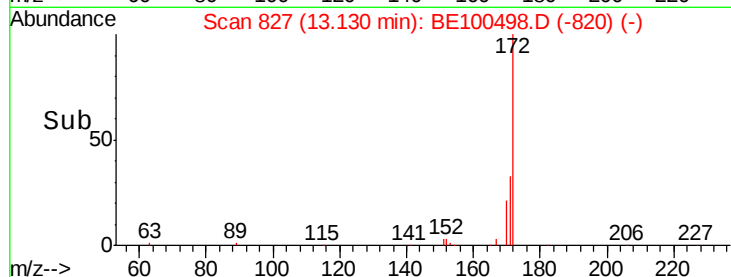
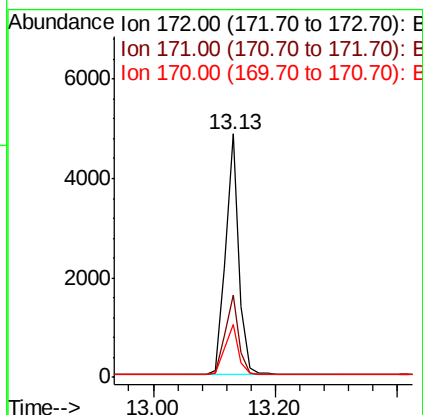
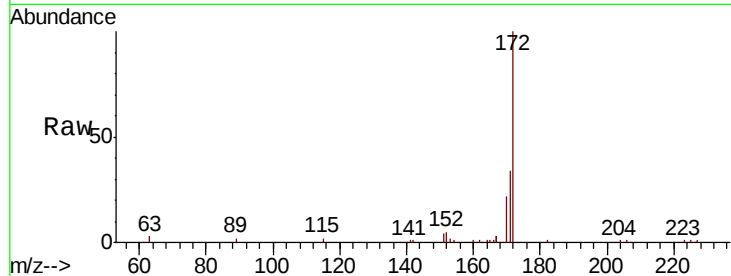




#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

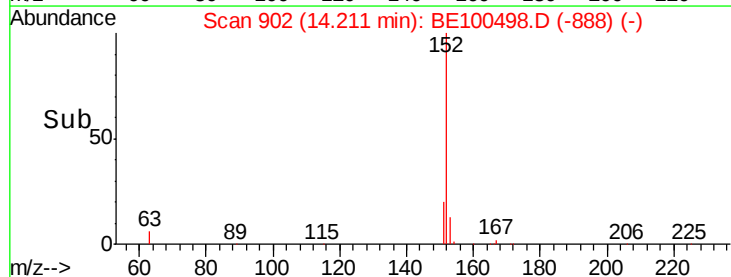
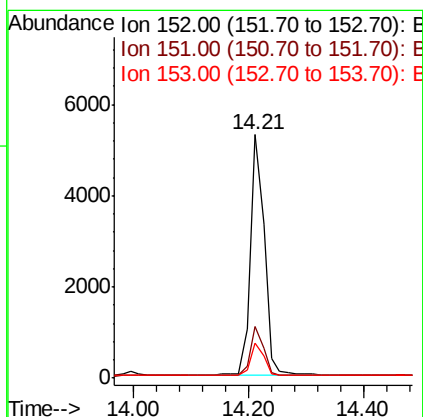
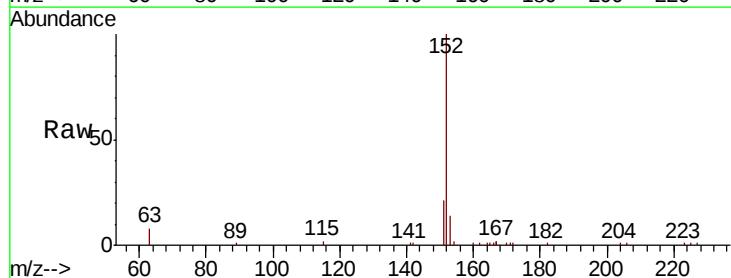
Instrument :
BNA_E
ClientSampleId :
PB121558BS

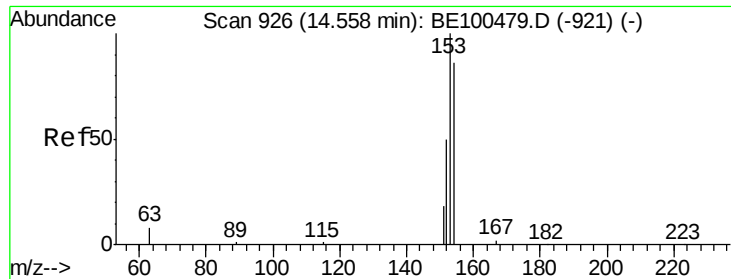
Tgt Ion:172 Resp: 7606
Ion Ratio Lower Upper
172 100
171 34.0 28.2 42.2
170 21.6 17.8 26.8



#16
Acenaphthylene
Concen: 0.315 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:152 Resp: 8959
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.2 10.6 16.0

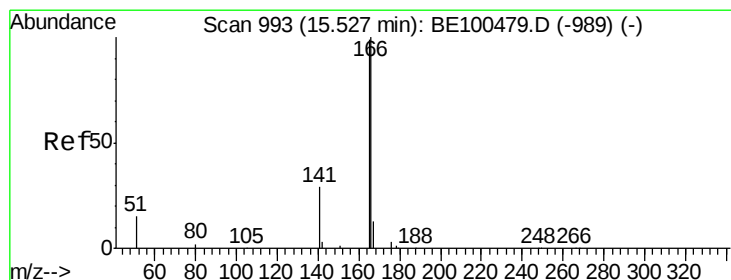
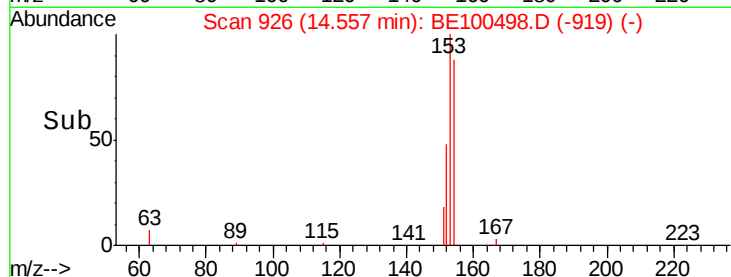
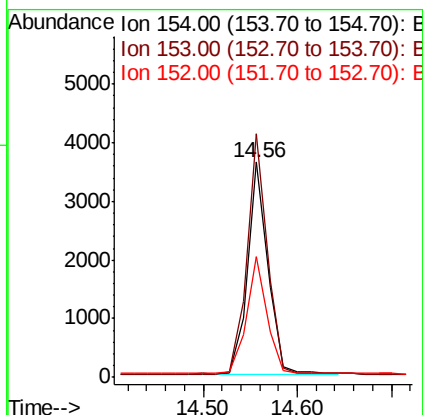
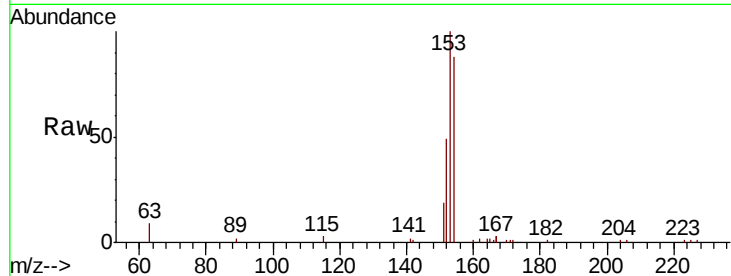




#17
Acenaphthene
Concen: 0.317 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

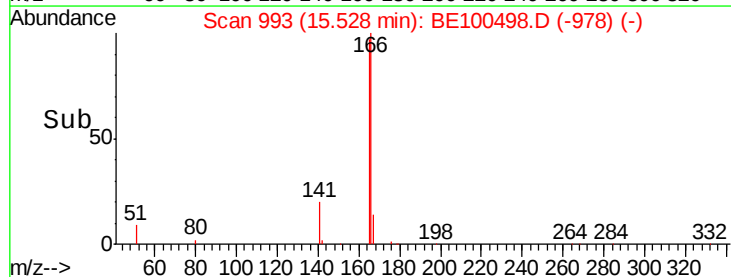
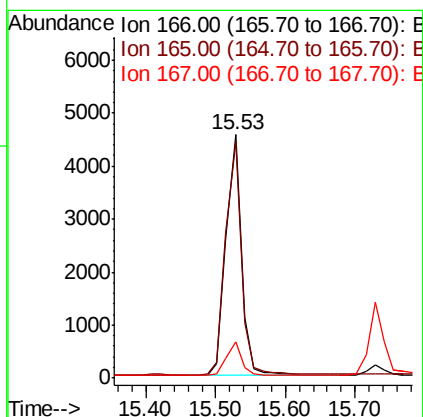
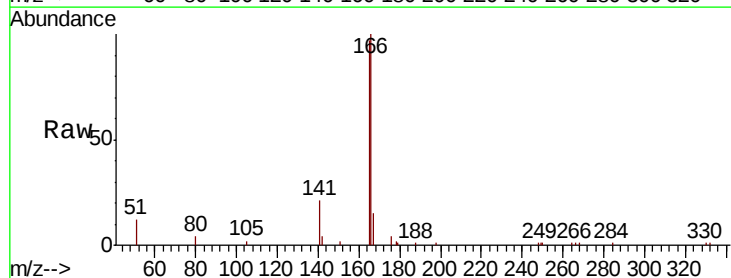
Instrument :
BNA_E
ClientSampleId :
PB121558BS

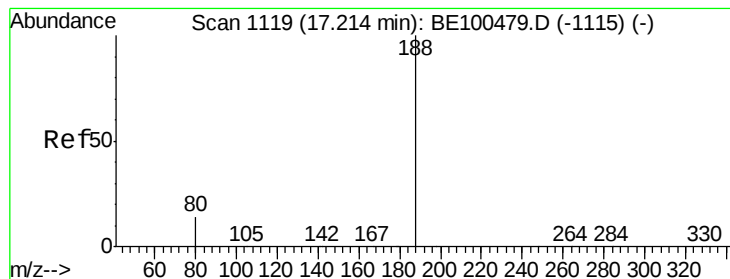
Tgt Ion:154 Resp: 5414
Ion Ratio Lower Upper
154 100
153 114.1 90.8 136.2
152 54.6 45.1 67.7



#18
Fluorene
Concen: 0.308 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:166 Resp: 7029
Ion Ratio Lower Upper
166 100
165 99.0 78.3 117.5
167 13.5 10.9 16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB121558BS

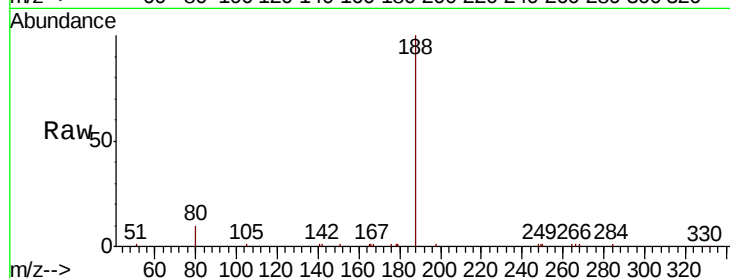
Tgt Ion:188 Resp: 13652

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

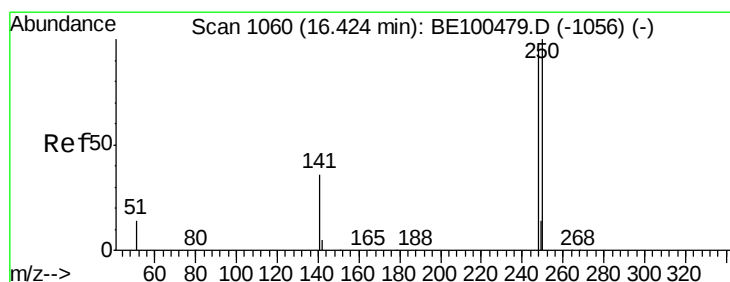
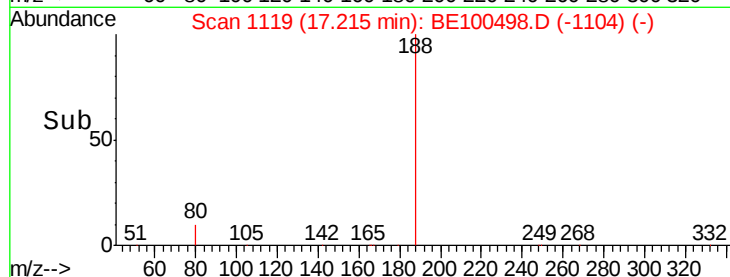
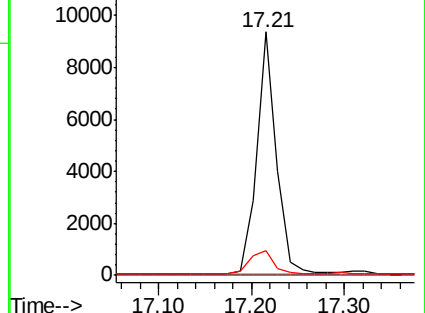
80 10.3 11.9 17.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.343 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

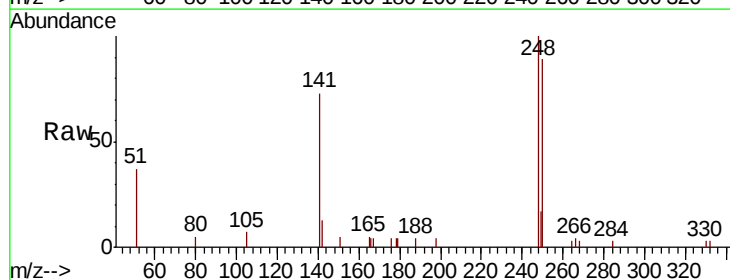
Tgt Ion:248 Resp: 2229

Ion Ratio Lower Upper

248 100

250 88.7 84.4 126.6

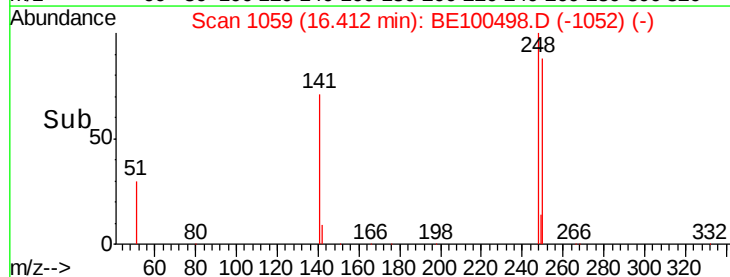
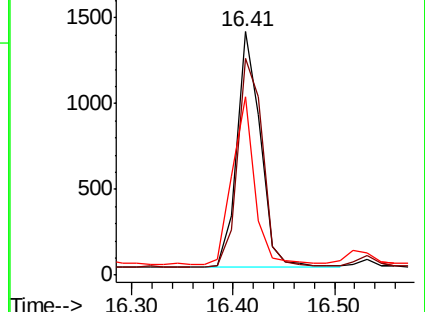
141 73.3 32.2 48.2#

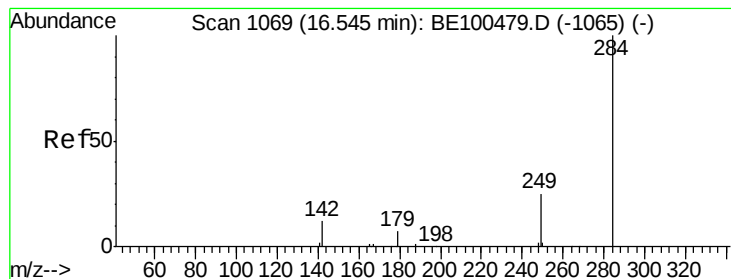


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.337 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB121558BS

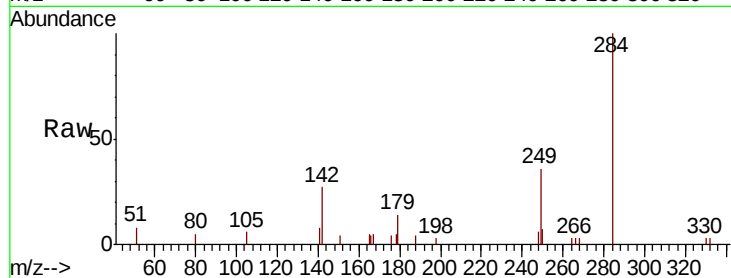
Tgt Ion:284 Resp: 2255

Ion Ratio Lower Upper

284 100

142 32.4 26.7 40.1

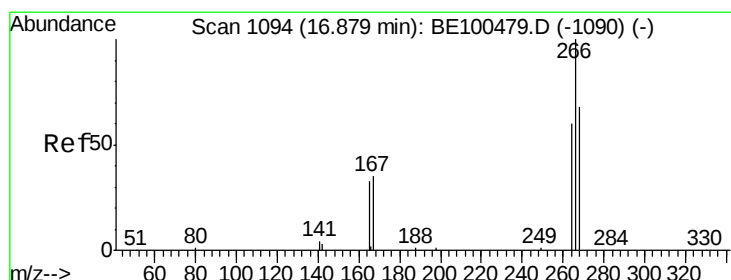
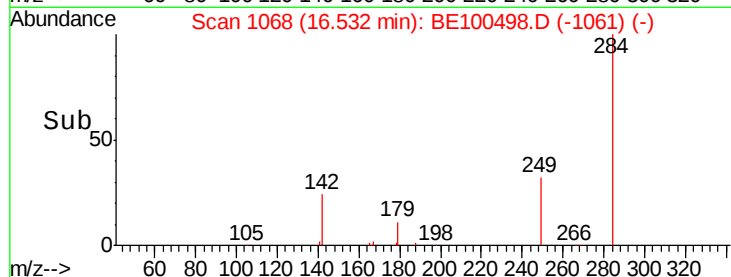
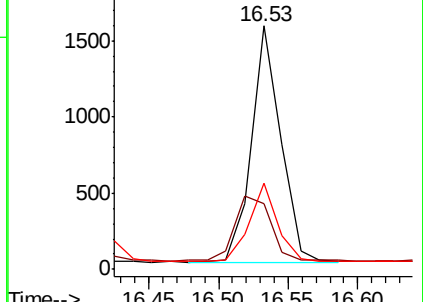
249 32.0 25.0 37.4



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: 0.409 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

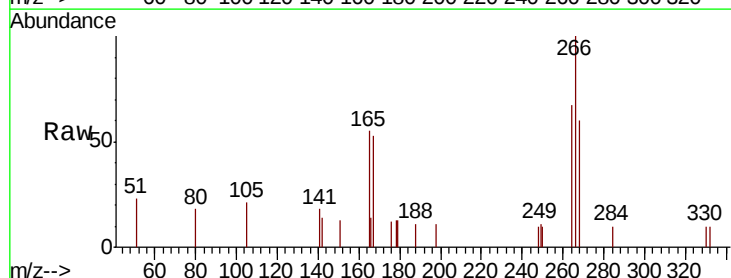
Tgt Ion:266 Resp: 912

Ion Ratio Lower Upper

266 100

264 67.0 50.4 75.6

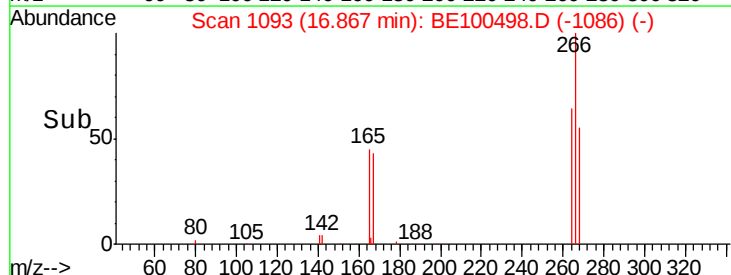
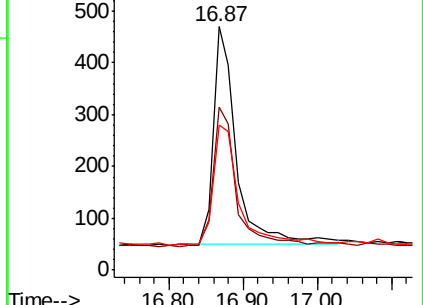
268 59.8 56.6 85.0

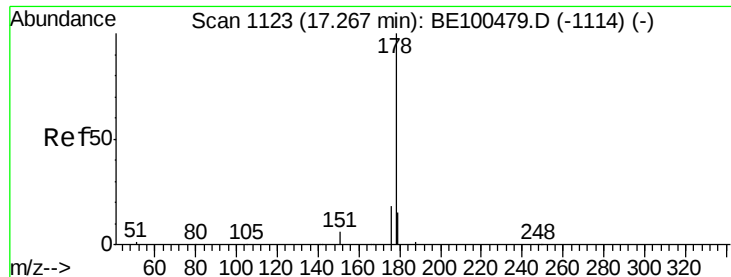


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.339 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB121558BS

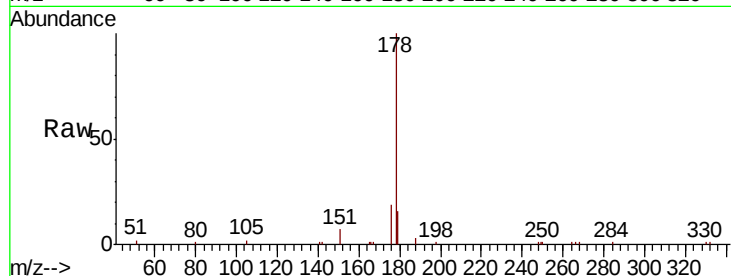
Tgt Ion:178 Resp: 11354

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.2

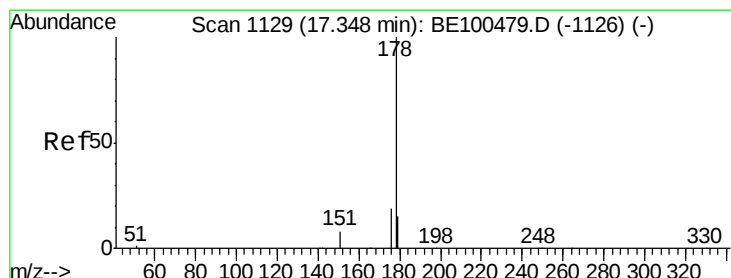
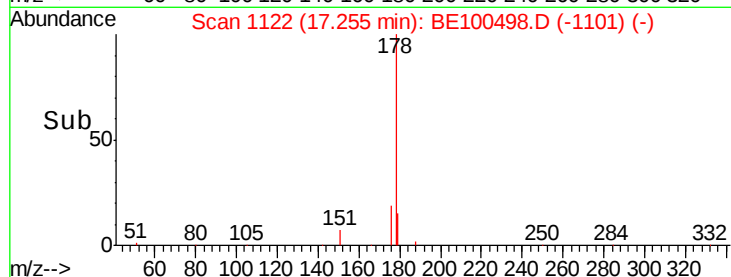
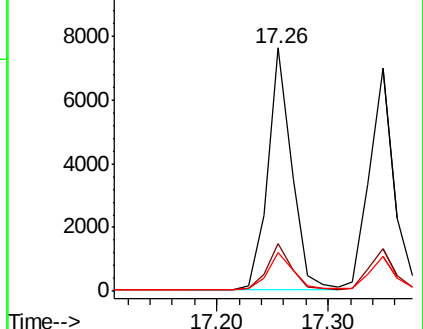
179 16.3 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.326 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

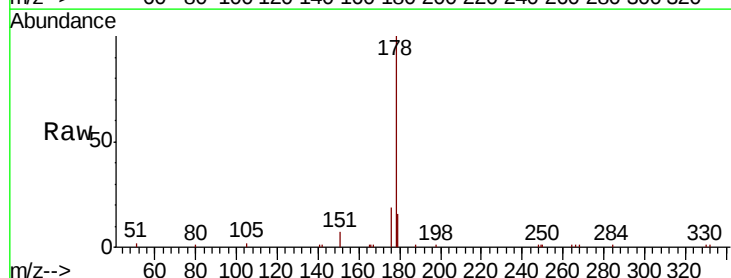
Tgt Ion:178 Resp: 10387

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

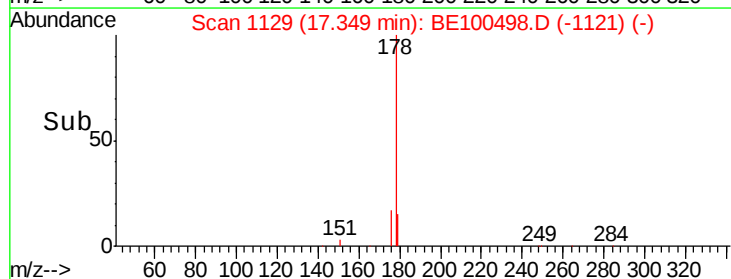
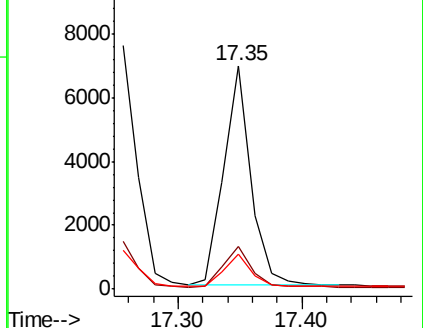
179 14.7 12.2 18.2

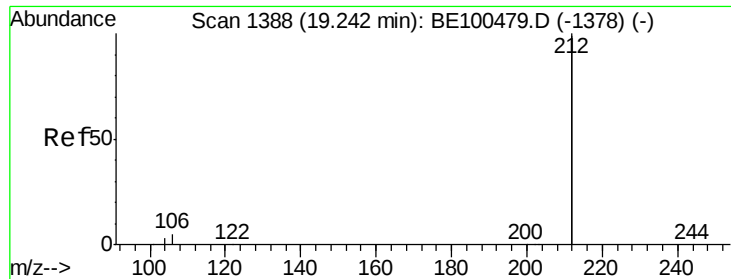


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.278 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB121558BS

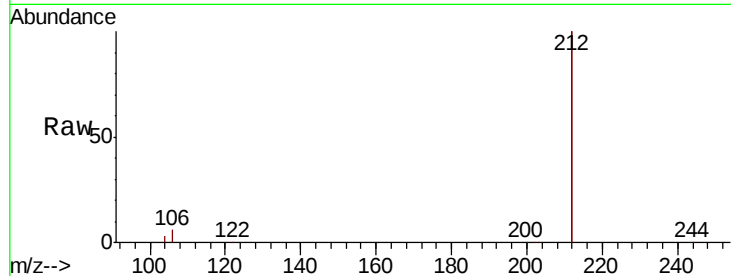
Tgt Ion:212 Resp: 52052

Ion Ratio Lower Upper

212 100

106 2.9 2.2 3.4

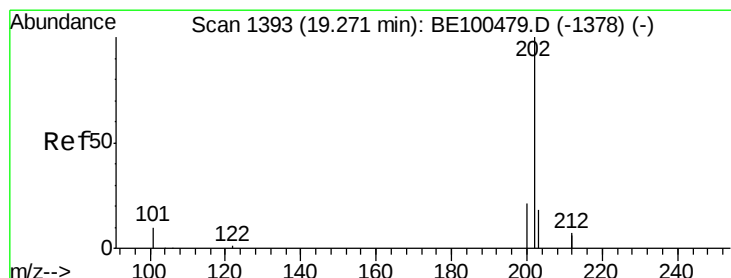
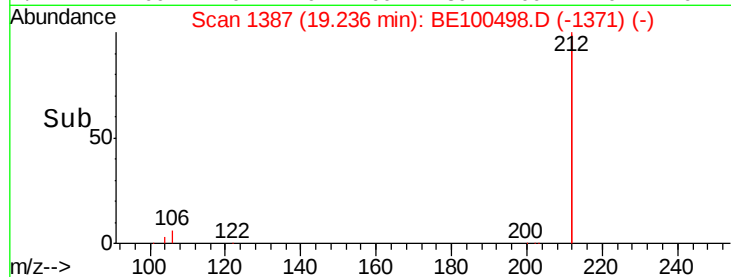
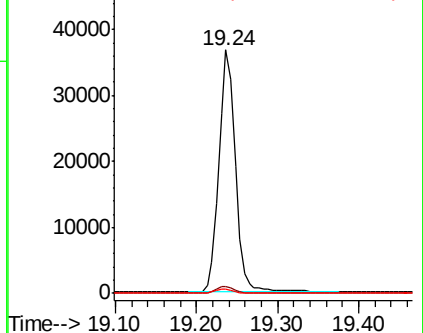
104 1.5 1.2 1.8



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: 0.308 ng

RT: 19.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

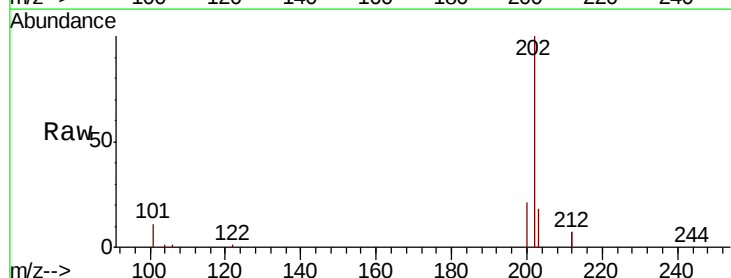
Tgt Ion:202 Resp: 14837

Ion Ratio Lower Upper

202 100

101 9.9 8.0 12.0

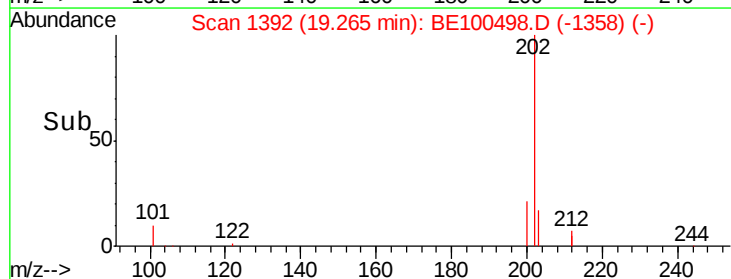
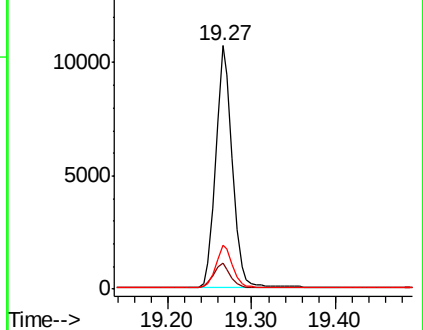
203 17.1 13.5 20.3

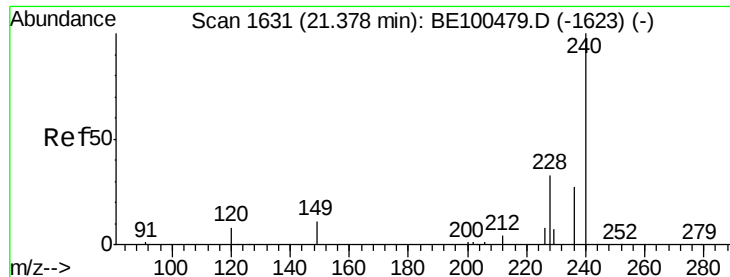


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

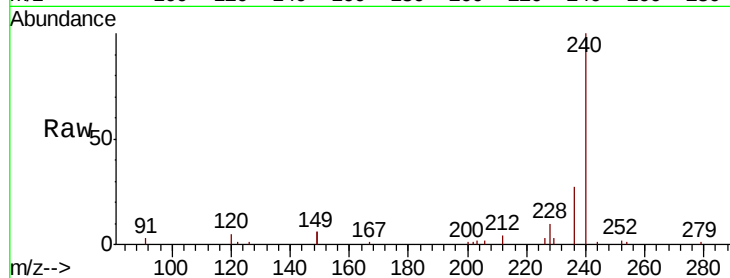




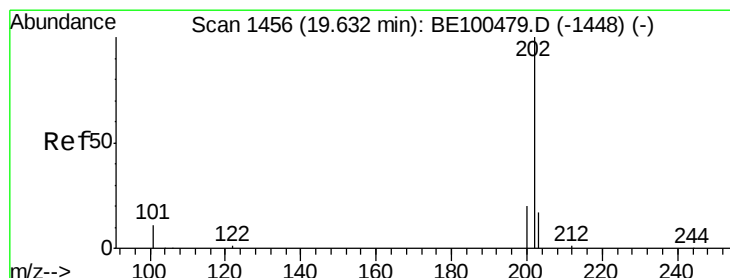
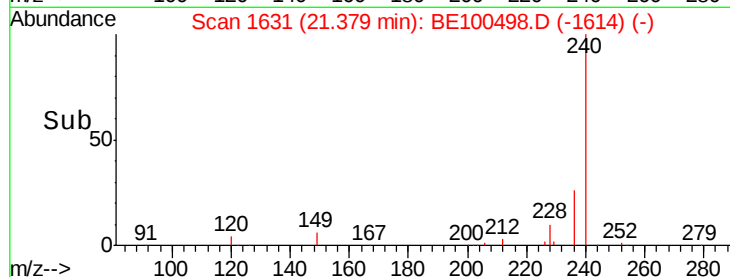
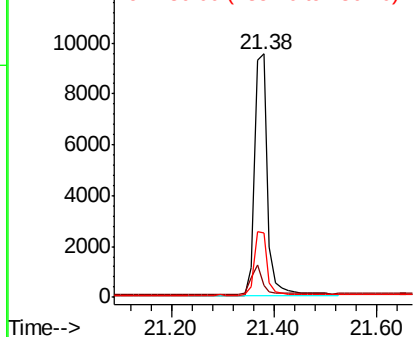
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:240 Resp: 17157
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 26.5 22.6 34.0

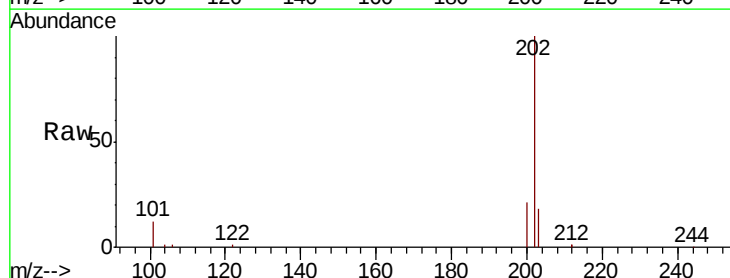


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

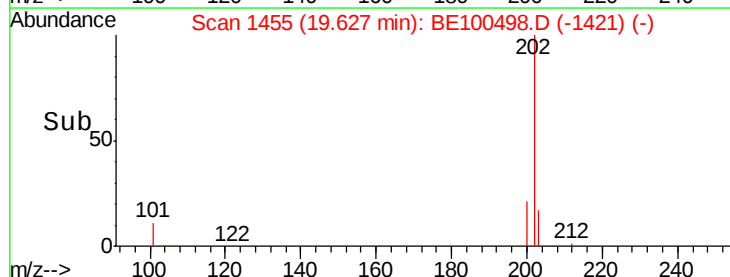
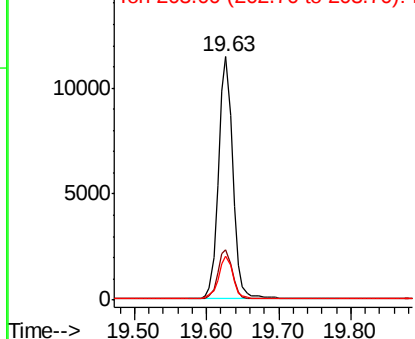


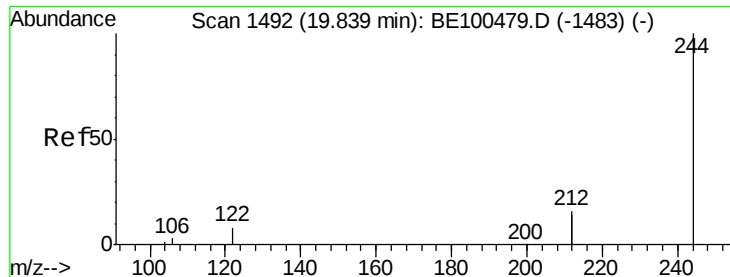
#28
Pyrene
Concen: 0.294 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:202 Resp: 15739
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.8 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: 0.222 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB121558BS

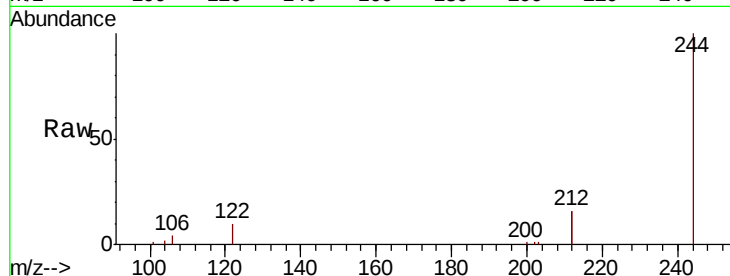
Tgt Ion:244 Resp: 9424

Ion Ratio Lower Upper

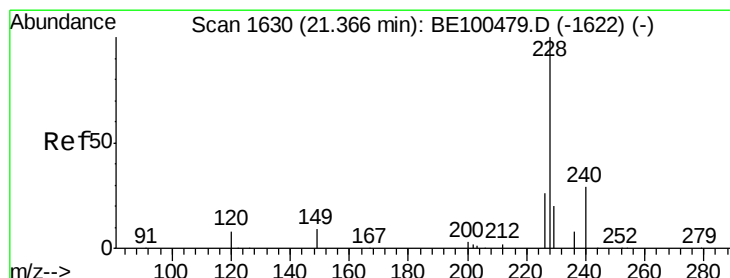
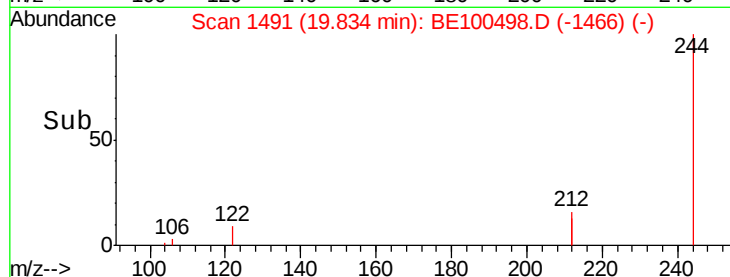
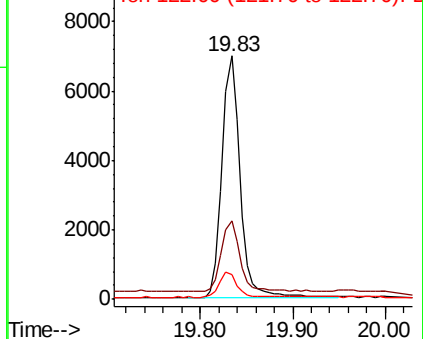
244 100

212 32.4 25.6 38.4

122 10.1 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: 0.302 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

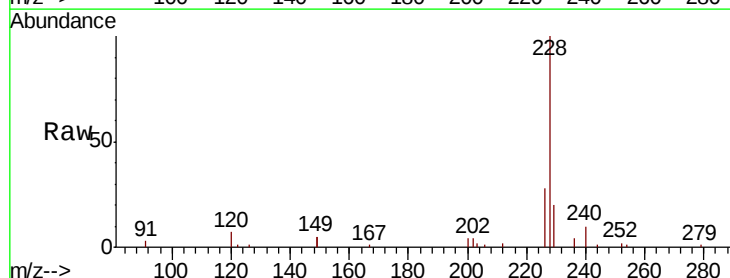
Tgt Ion:228 Resp: 15822

Ion Ratio Lower Upper

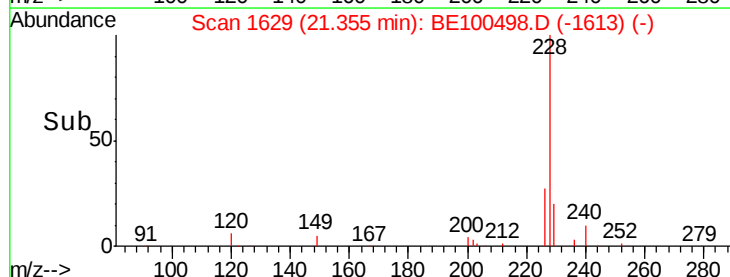
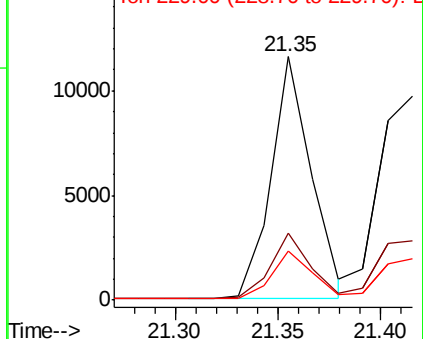
228 100

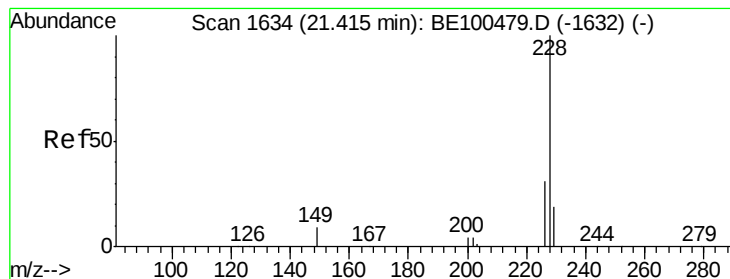
226 27.7 21.4 32.2

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: 0.313 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB121558BS

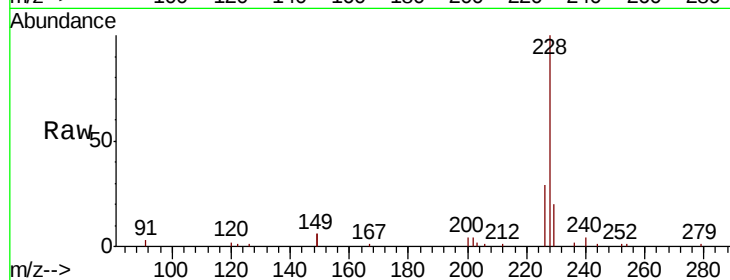
Tgt Ion:228 Resp: 16177

Ion Ratio Lower Upper

228 100

226 28.8 25.0 37.6

229 20.4 16.7 25.1

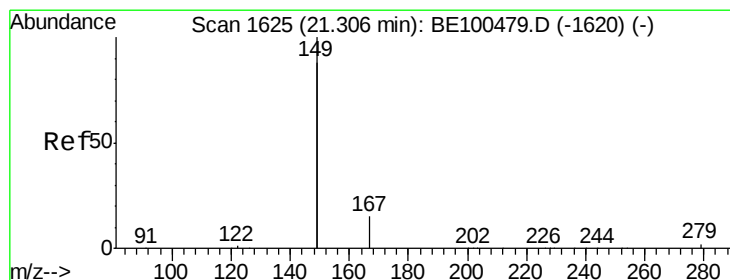
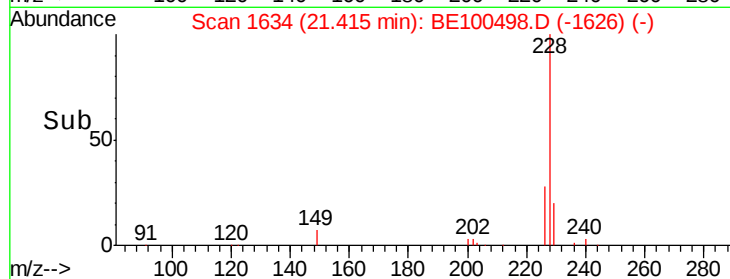
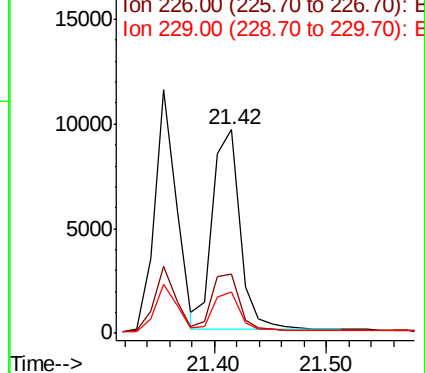


Abundance

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: 0.348 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

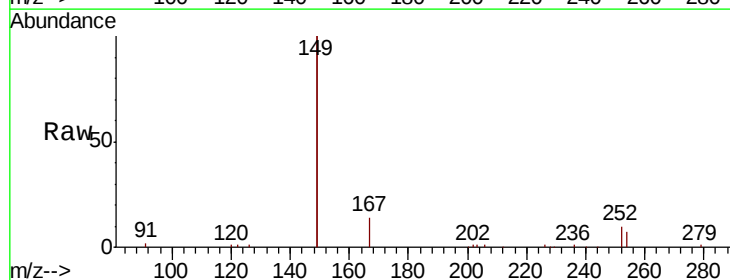
Tgt Ion:149 Resp: 41854

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

279 1.1 1.0 1.6

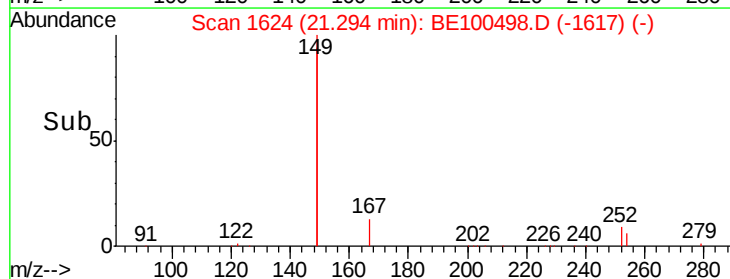
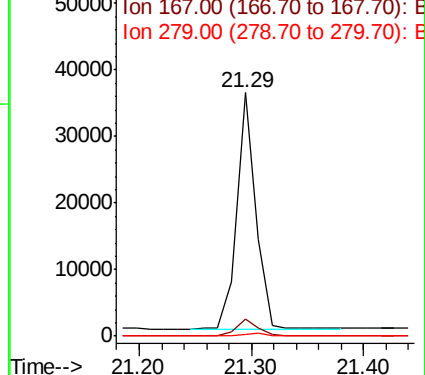


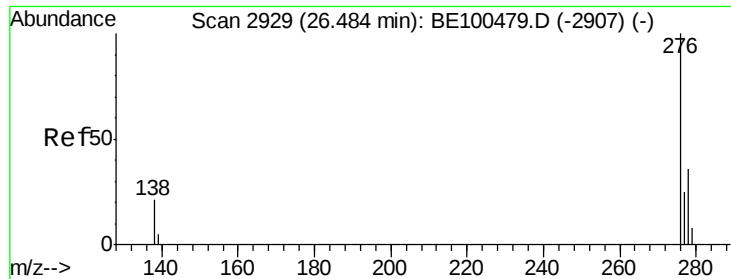
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.401 ng

RT: 26.47 min Scan# 2925

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB121558BS

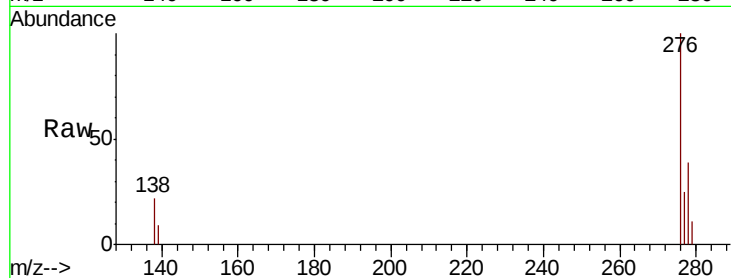
Tgt Ion:276 Resp: 22588

Ion Ratio Lower Upper

276 100

138 21.8 16.6 25.0

277 24.9 19.1 28.7

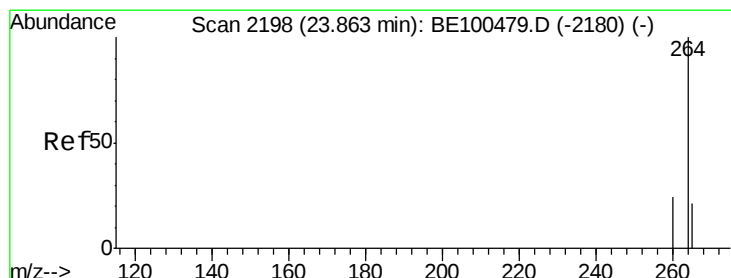
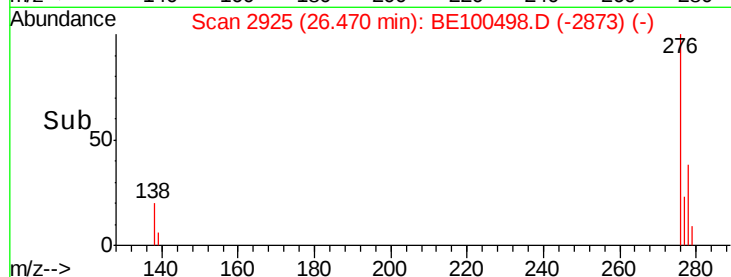
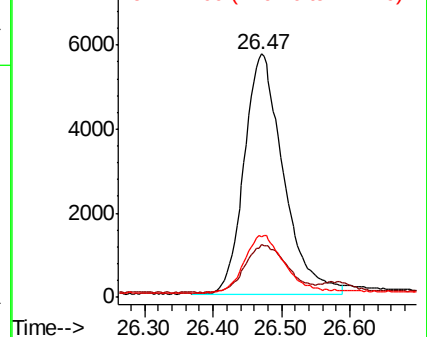


Abundance

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: 23.85 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

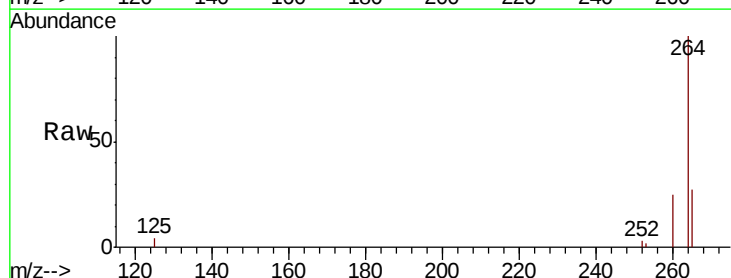
Tgt Ion:264 Resp: 21603

Ion Ratio Lower Upper

264 100

260 24.7 20.7 31.1

265 26.8 23.4 35.2

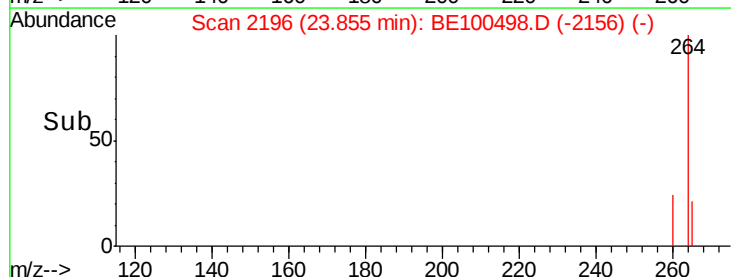
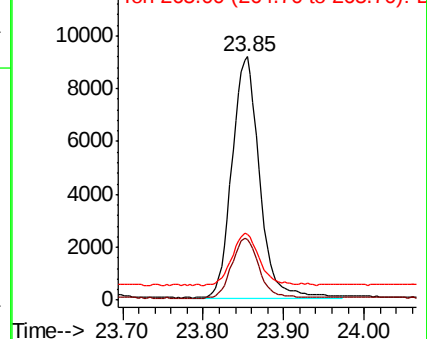


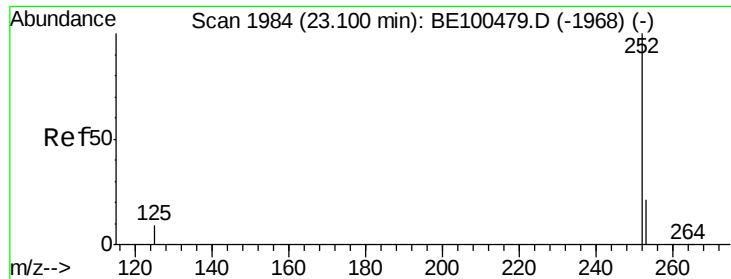
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

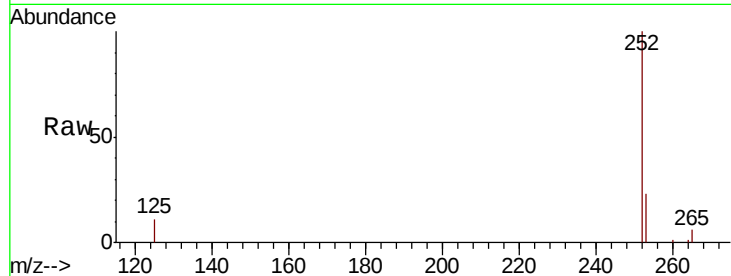




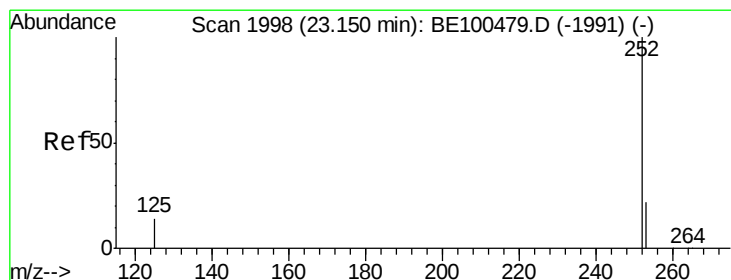
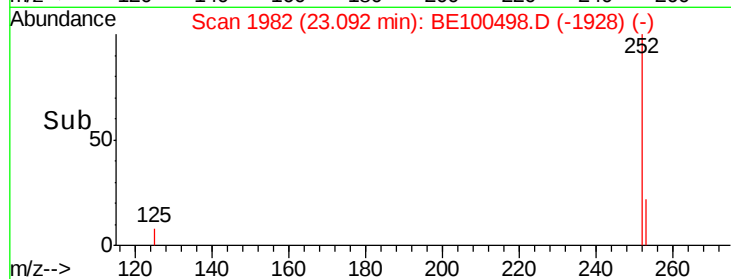
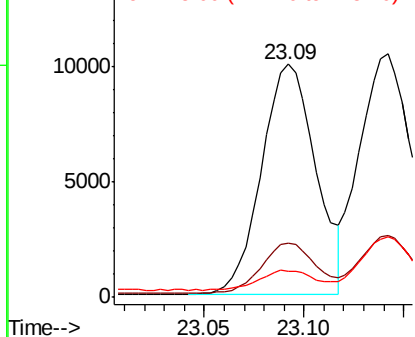
#35
Benzo(b)fluoranthene
Concen: 0.319 ng
RT: 23.09 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Instrument :
BNA_E
ClientSampleId :
PB121558BS

Tgt Ion:252 Resp: 18855
Ion Ratio Lower Upper
252 100
253 23.3 19.2 28.8
125 11.4 11.9 17.9#

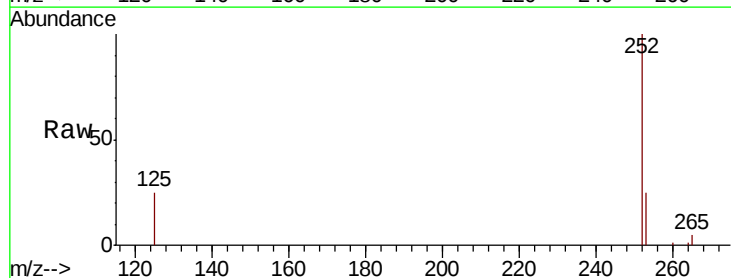


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

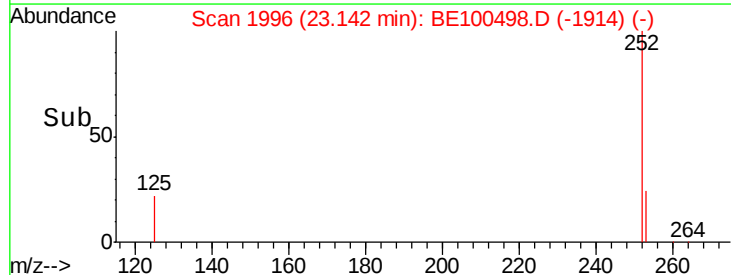
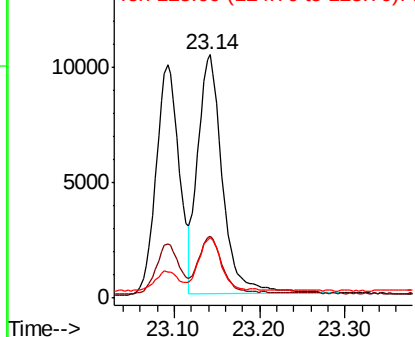


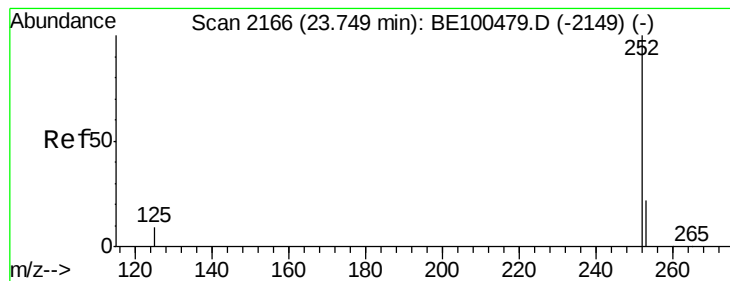
#36
Benzo(k)fluoranthene
Concen: 0.336 ng
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE100498.D
Acq: 23 Jul 2019 13:03

Tgt Ion:252 Resp: 20869
Ion Ratio Lower Upper
252 100
253 25.3 19.7 29.5
125 25.1 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: 0.327 ng

RT: 23.74 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BE100498.D

Acq: 23 Jul 2019 13:03

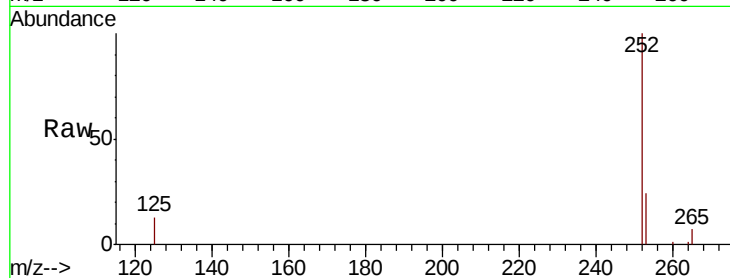
Instrument :

BNA_E

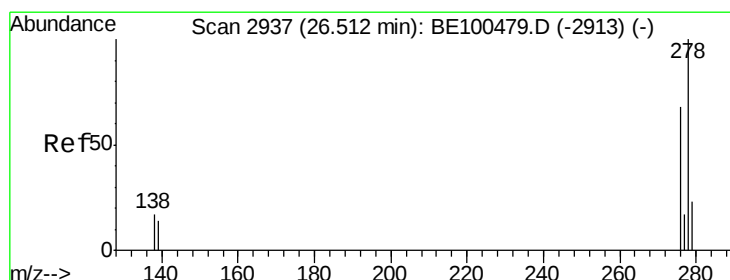
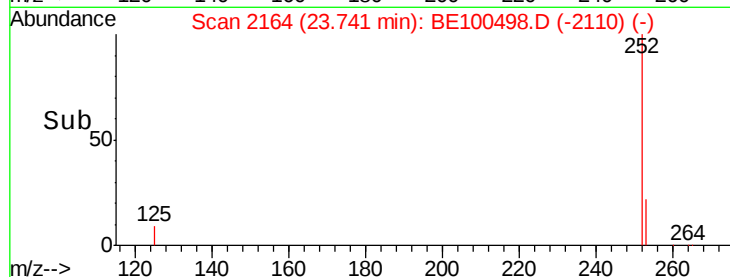
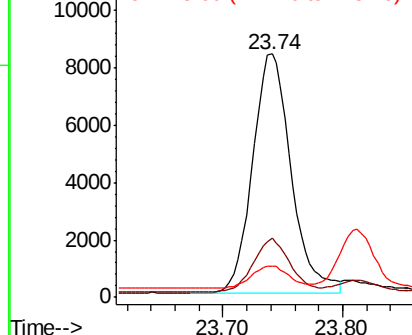
ClientSampleId :

PB121558BS

Tgt Ion:	252	Resp:	18769
Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.0	30.0
125	13.0	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: 0.341 ng

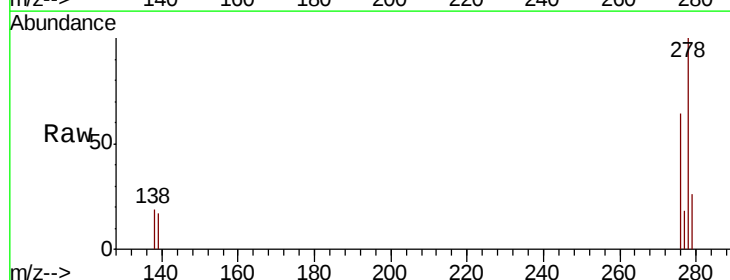
RT: 26.50 min Scan# 2933

Delta R.T. -0.01 min

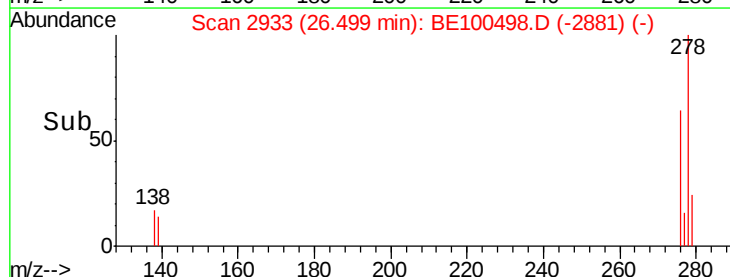
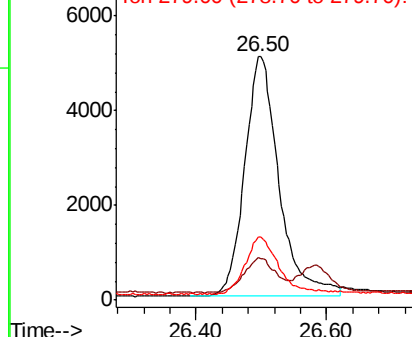
Lab File: BE100498.D

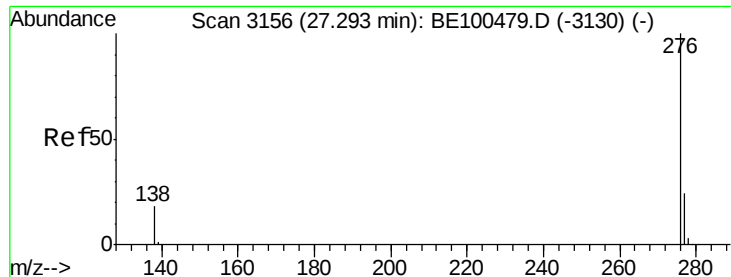
Acq: 23 Jul 2019 13:03

Tgt Ion:	278	Resp:	18554
Ion	Ratio	Lower	Upper
278	100		
139	17.0	16.8	25.2
279	25.8	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(g,h,i)perylene

Concen: 0.355 ng

RT: 27.27 min Scan# 3150

Delta R.T. -0.02 min

Lab File: BE100498.D

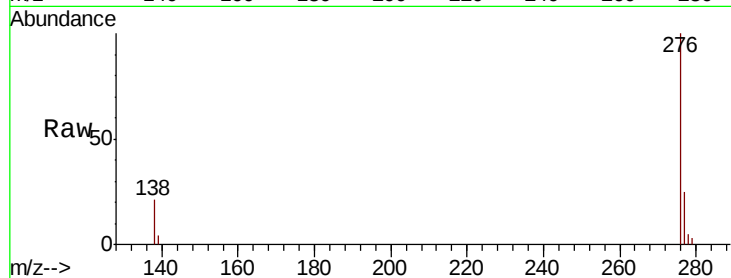
Acq: 23 Jul 2019 13:03

Instrument :

BNA_E

ClientSampleId :

PB121558BS



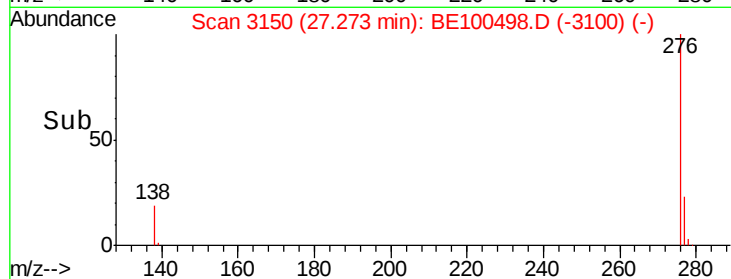
Tgt Ion: 276 Resp: 19740

Ion Ratio Lower Upper

276 100

277 24.8 22.0 33.0

138 21.2 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

