

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
 Data File : BE100496.D
 Acq On : 23 Jul 2019 11:48
 Operator : HP/JU
 Sample : PB121443BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB121443BSD

Quant Time: Jul 24 02:05:49 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	7.87	152	2935	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	11361	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	6112	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	13411	0.40	ng	0.00
27) Chrysene-d12	21.38	240	17070	0.40	ng	0.00
34) Perylene-d12	23.85	264	21678	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	2796	0.39	ng	0.00
5) Phenol-d6	7.03	99	3776	0.37	ng	0.00
8) Nitrobenzene-d5	9.02	82	2927	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	8085	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	819	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	7497	0.30	ng	0.00
25) Fluoranthene-d10	19.24	212	52308	0.28	ng	0.00
29) Terphenyl-d14	19.83	244	9337	0.22	ng	0.00

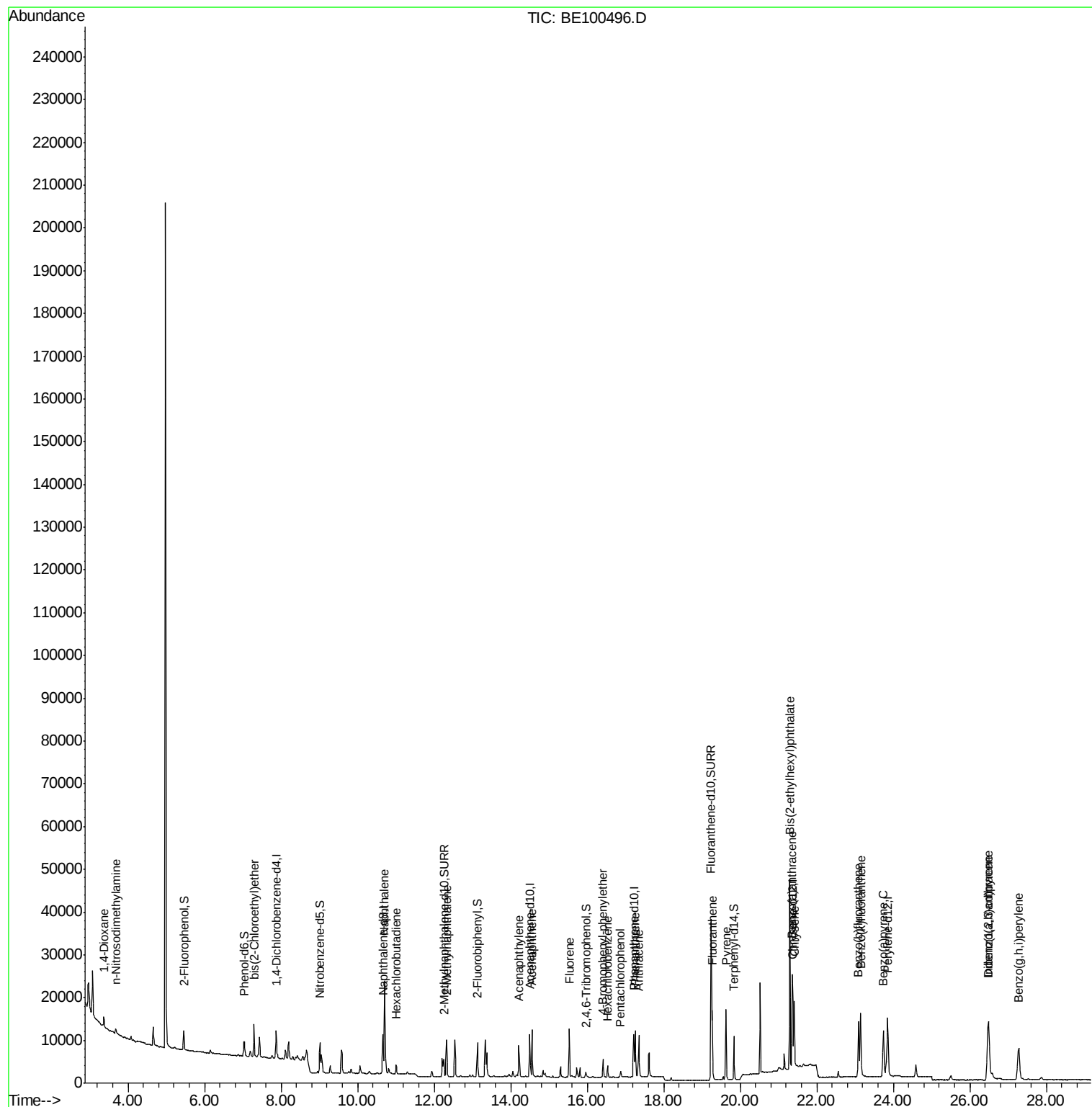
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	1520	0.293	ng	# 67
3) n-Nitrosodimethylamine	3.68	42	878	0.327	ng	# 81
6) bis(2-Chloroethyl)ether	7.29	93	2953	0.337	ng	99
9) Naphthalene	10.70	128	36208	0.332	ng	100
10) Hexachlorobutadiene	11.00	225	1685	0.323	ng	98
12) 2-Methylnaphthalene	12.32	142	6018	0.307	ng	99
16) Acenaphthylene	14.21	152	8764	0.310	ng	99
17) Acenaphthene	14.56	154	5339	0.314	ng	100
18) Fluorene	15.53	166	6932	0.306	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	2150	0.337	ng	# 74
21) Hexachlorobenzene	16.53	284	2177	0.332	ng	98
22) Pentachlorophenol	16.87	266	942	0.423	ng	96
23) Phenanthrene	17.25	178	11163	0.340	ng	99
24) Anthracene	17.35	178	10178	0.325	ng	99
26) Fluoranthene	19.27	202	14840	0.313	ng	100
28) Pyrene	19.63	202	15470	0.291	ng	100
30) Benzo(a)anthracene	21.35	228	16008	0.307	ng	98
31) Chrysene	21.42	228	15955	0.310	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	44048	0.368	ng	99
33) Indeno(1,2,3-cd)pyrene	26.47	276	23284	0.415	ng	100
35) Benzo(b)fluoranthene	23.09	252	18922	0.319	ng	97
36) Benzo(k)fluoranthene	23.14	252	21024	0.338	ng	# 92
37) Benzo(a)pyrene	23.74	252	18946	0.329	ng	95
38) Dibenzo(a,h)anthracene	26.49	278	18882	0.346	ng	# 94
39) Benzo(g,h,i)perylene	27.28	276	19888	0.357	ng	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
Data File : BE100496.D
Acq On : 23 Jul 2019 11:48
Operator : HP/JU
Sample : PB121443BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Quant Time: Jul 24 02:05:49 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

Instrument :

BNA_E

ClientSampleId :

PB121443BSD

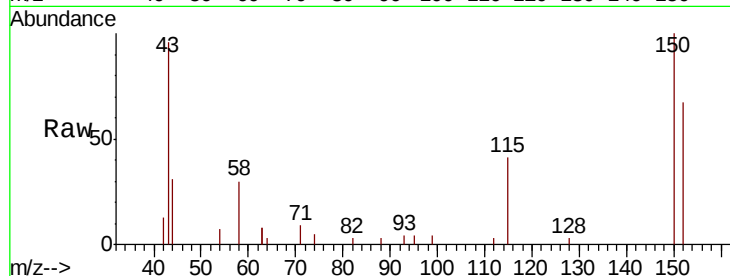
Tgt Ion:152 Resp: 2935

Ion Ratio Lower Upper

152 100

150 148.5 115.0 172.6

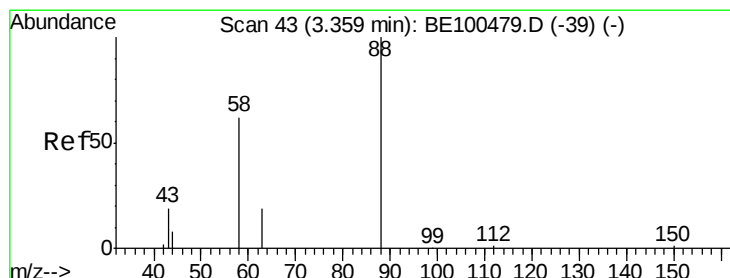
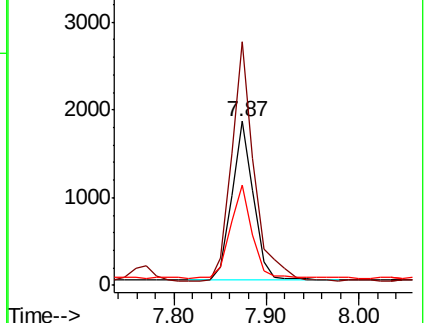
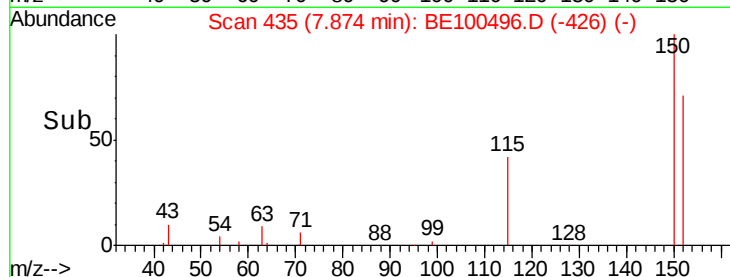
115 61.2 52.9 79.3



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: 0.293 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.00 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

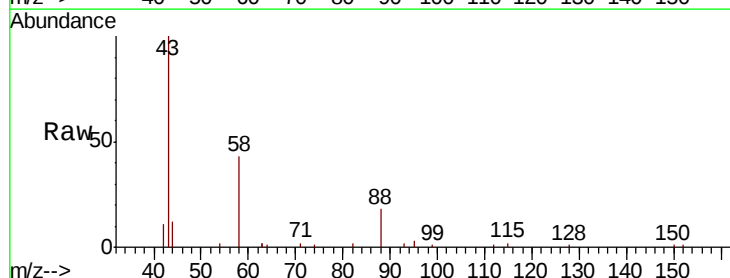
Tgt Ion: 88 Resp: 1520

Ion Ratio Lower Upper

88 100

58 87.7 53.2 79.8#

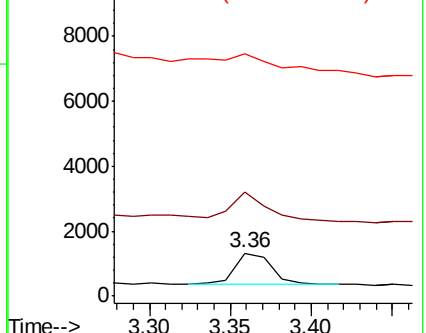
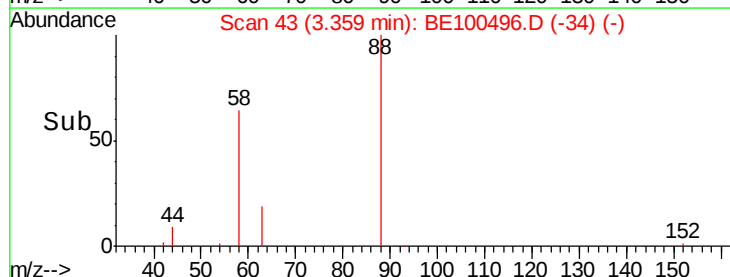
43 0.0 20.8 31.2#

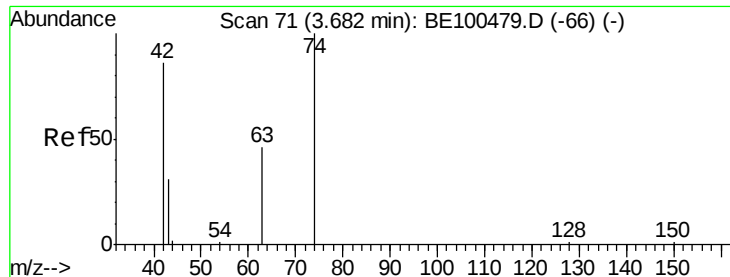


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.327 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

Instrument :

BNA_E

ClientSampleId :

PB121443BSD

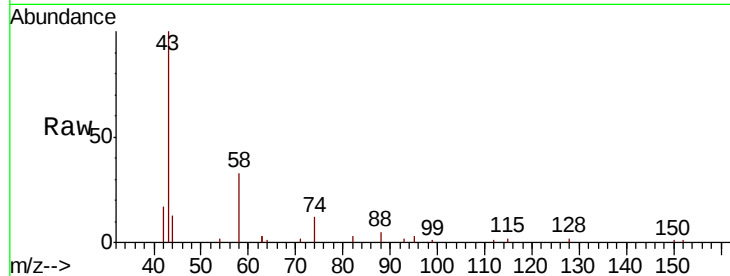
Tgt Ion: 42 Resp: 878

Ion Ratio Lower Upper

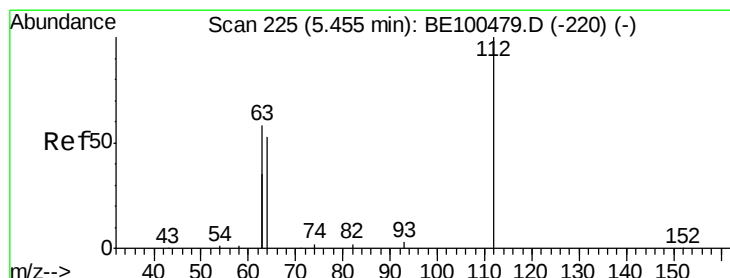
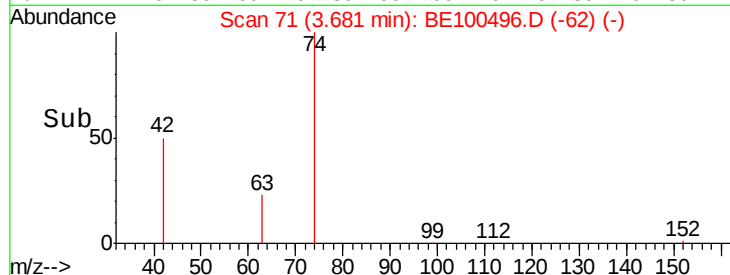
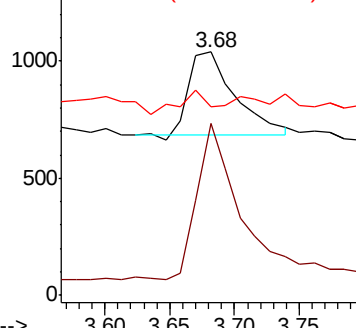
42 100

74 172.1 0.0 0.0#

44 19.5 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: 0.391 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

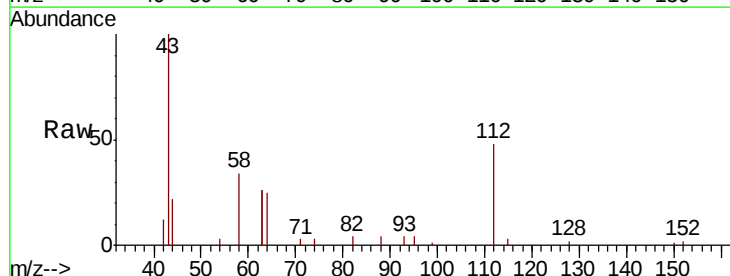
Tgt Ion: 112 Resp: 2796

Ion Ratio Lower Upper

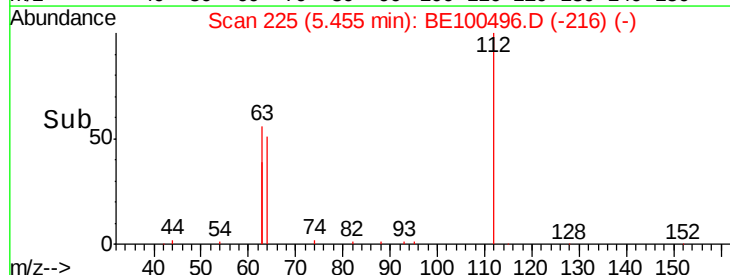
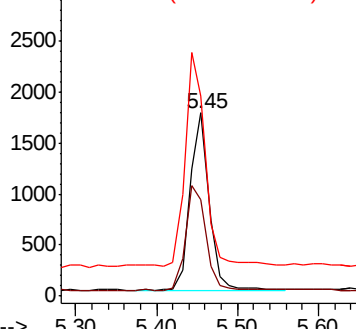
112 100

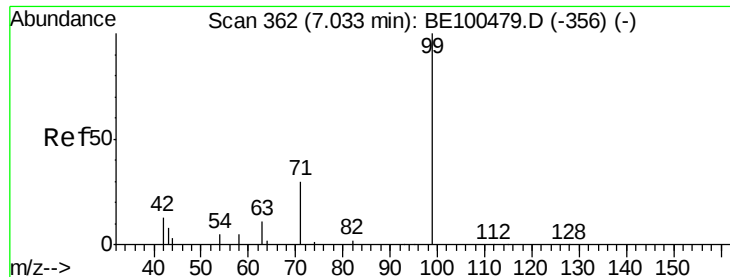
64 64.3 54.1 81.1

63 125.9 104.6 157.0



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





#5

Phenol-d6

Concen: 0.369 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

Instrument :

BNA_E

ClientSampleId :

PB121443BSD

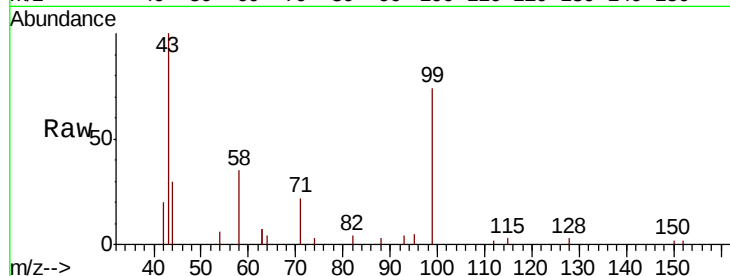
Tgt Ion: 99 Resp: 3776

Ion Ratio Lower Upper

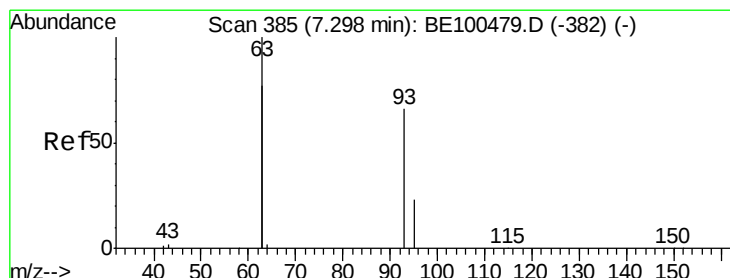
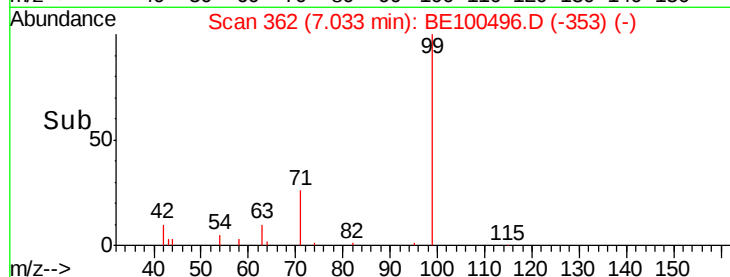
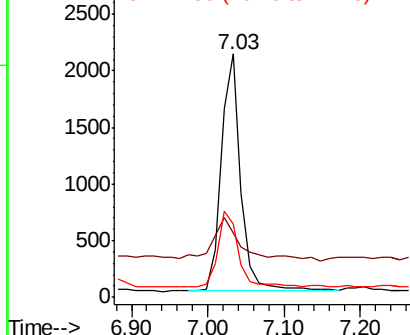
99 100

42 26.8 14.5 21.7#

71 32.8 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: 0.337 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

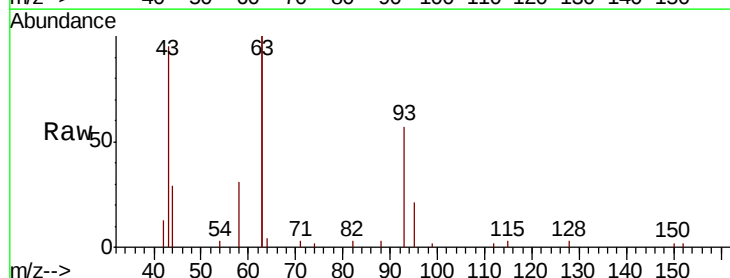
Tgt Ion: 93 Resp: 2953

Ion Ratio Lower Upper

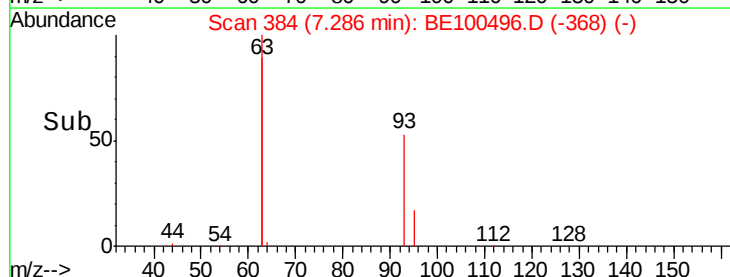
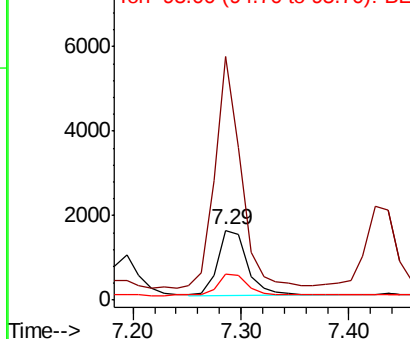
93 100

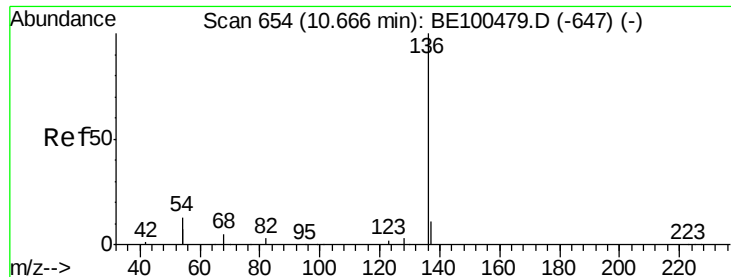
63 308.6 248.3 372.5

95 34.1 25.4 38.0



Abundance Ion 93.00 (92.70 to 93.70): BE1
Ion 63.00 (62.70 to 63.70): BE1
Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

Instrument :

BNA_E

ClientSampleId :

PB121443BSD

Tgt Ion:136 Resp: 11361

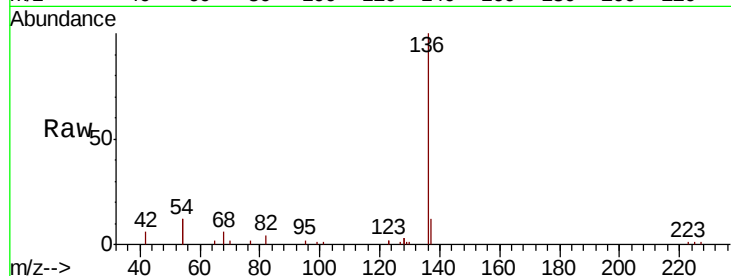
Ion Ratio Lower Upper

136 100

137 11.9 9.8 14.6

54 23.1 20.6 31.0

68 6.2 5.3 7.9

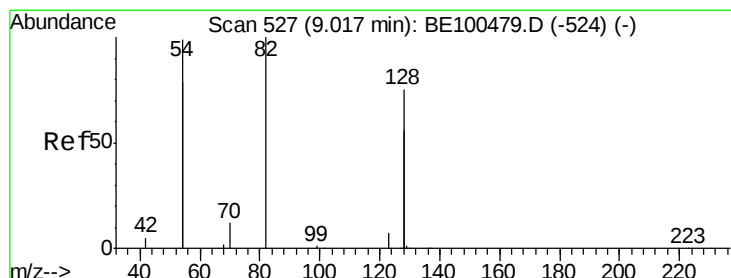
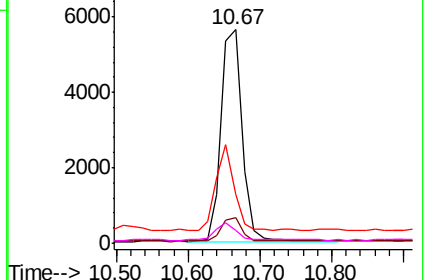
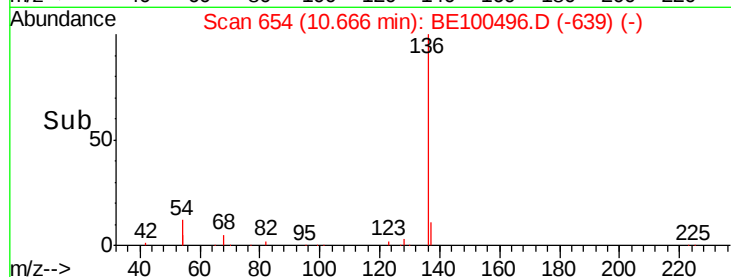


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.310 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

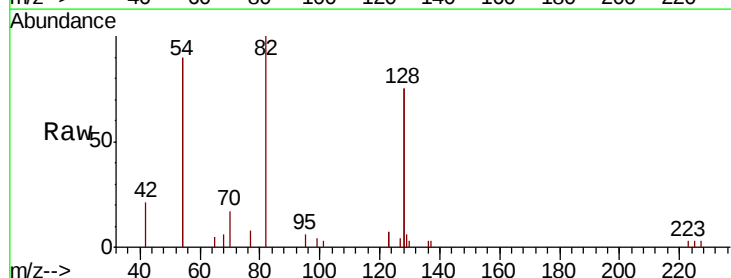
Tgt Ion: 82 Resp: 2927

Ion Ratio Lower Upper

82 100

128 150.3 113.6 170.4

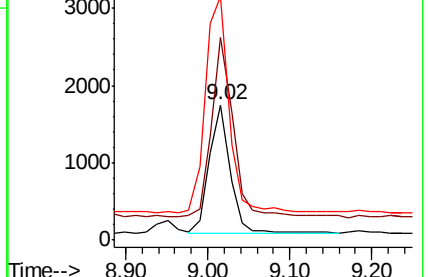
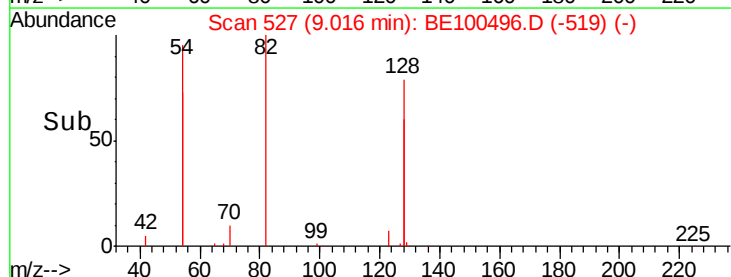
54 180.3 150.6 226.0

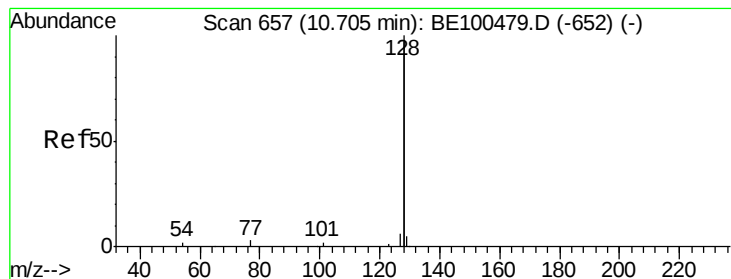


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.332 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

Instrument :

BNA_E

ClientSampleId :

PB121443BSD

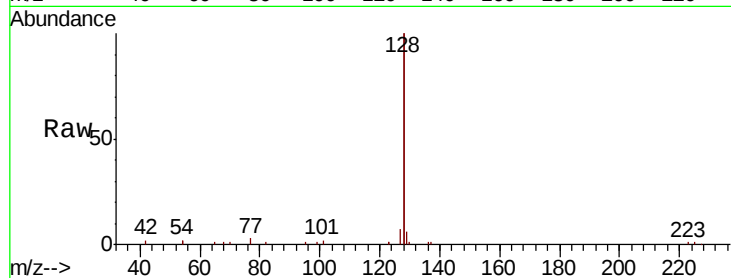
Tgt Ion:128 Resp: 36208

Ion Ratio Lower Upper

128 100

129 3.0 2.3 3.5

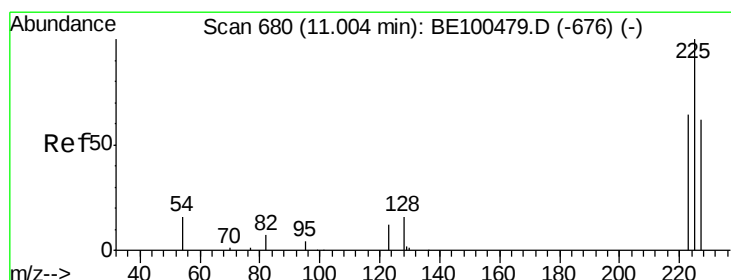
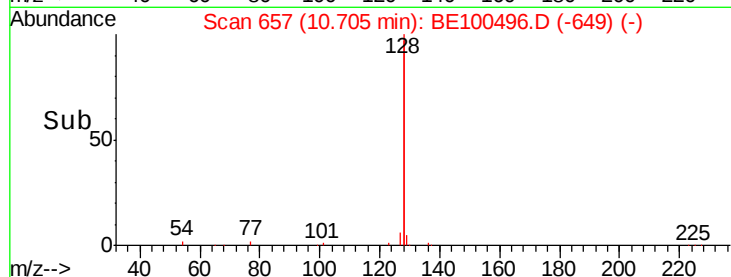
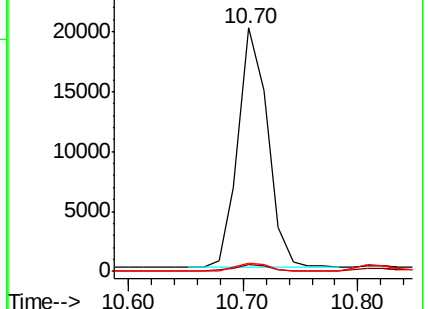
127 3.5 2.7 4.1



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: 0.323 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

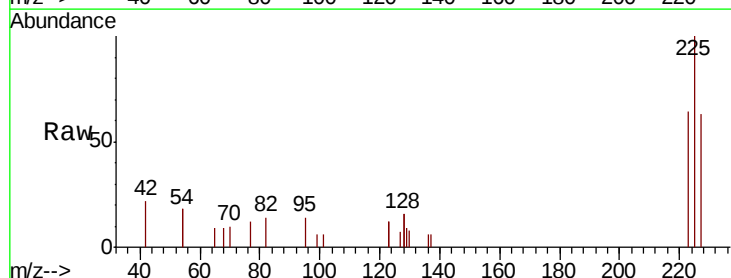
Tgt Ion:225 Resp: 1685

Ion Ratio Lower Upper

225 100

223 63.0 49.4 74.0

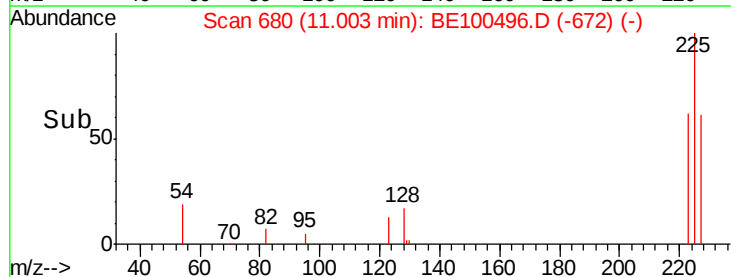
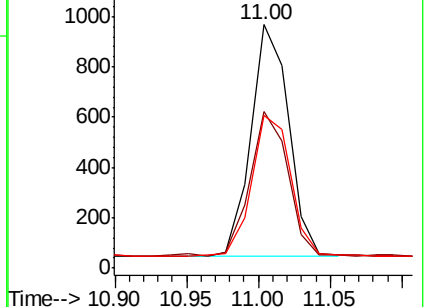
227 63.0 51.4 77.2

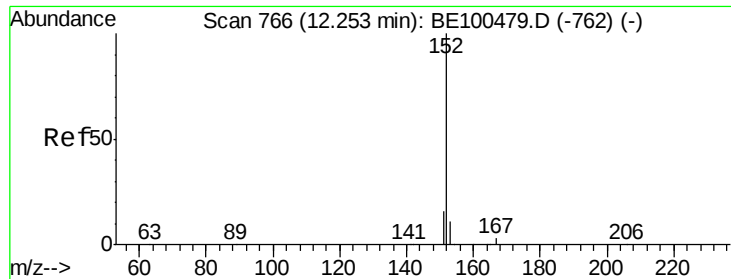


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

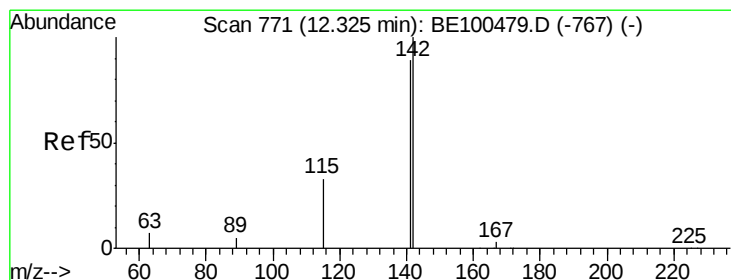
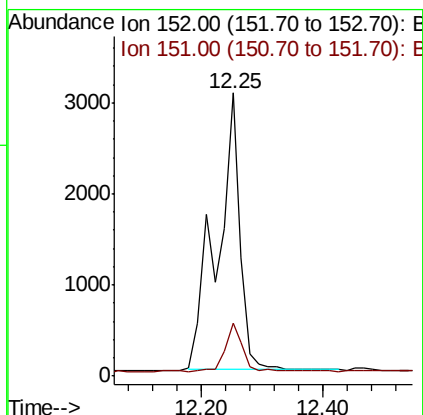
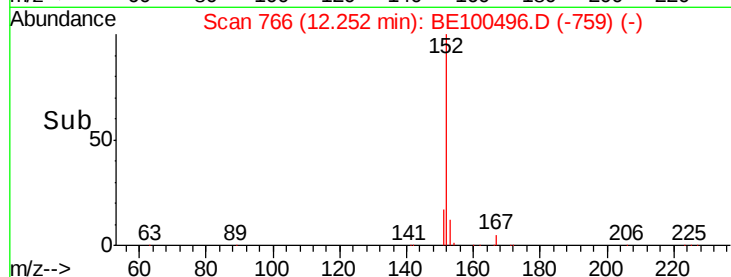
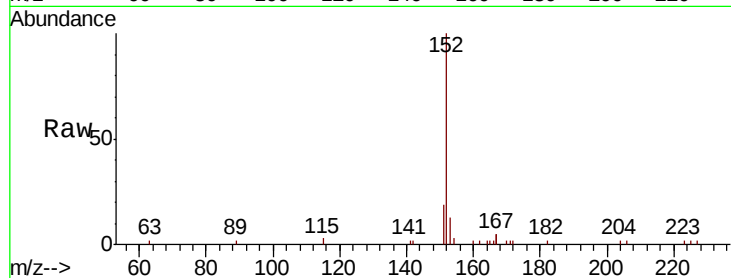




#11
 2-Methylnaphthalene-d10
 Concen: 0.430 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BE100496.D
 Acq: 23 Jul 2019 11:48

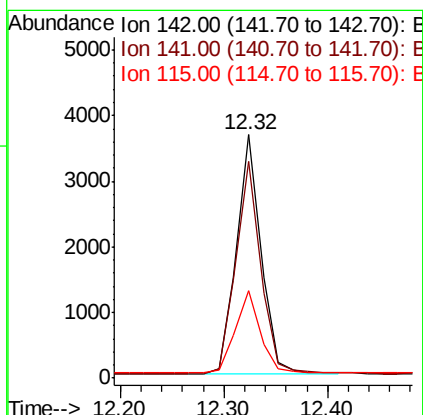
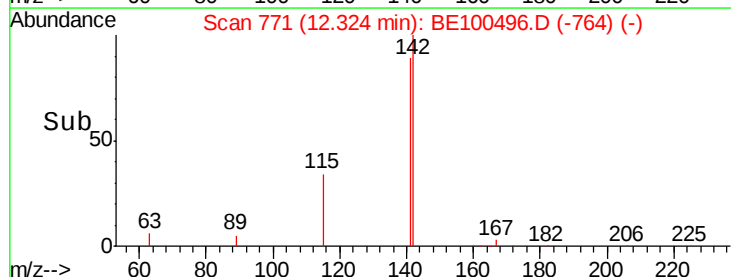
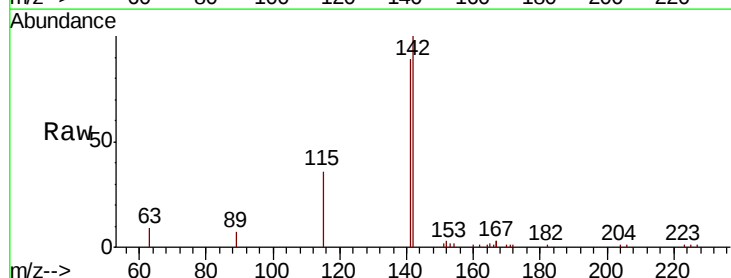
Instrument :
 BNA_E
 ClientSampleId :
 PB121443BSD

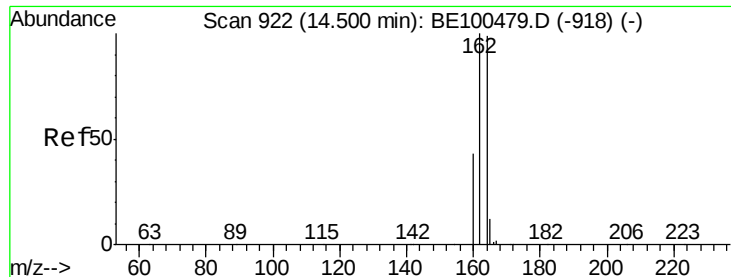
Tgt Ion:152 Resp: 8085
 Ion Ratio Lower Upper
 152 100
 151 13.2 15.1 22.7#



#12
 2-Methylnaphthalene
 Concen: 0.307 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BE100496.D
 Acq: 23 Jul 2019 11:48

Tgt Ion:142 Resp: 6018
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.7 107.5
 115 36.0 27.8 41.6

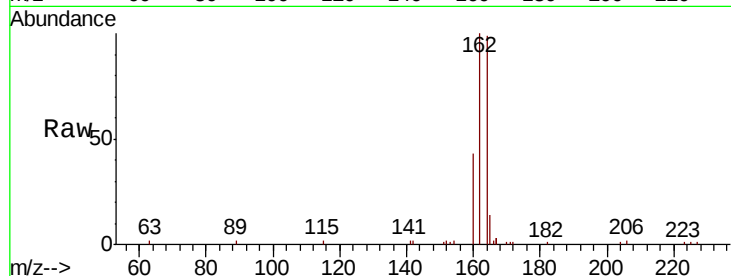




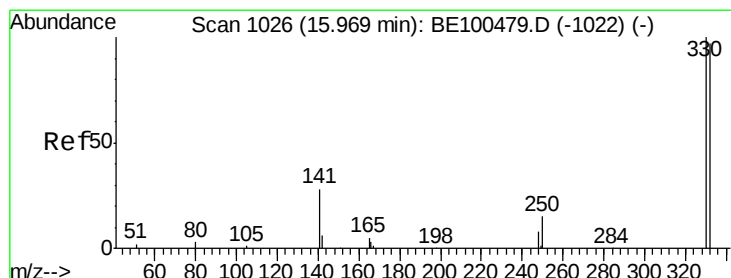
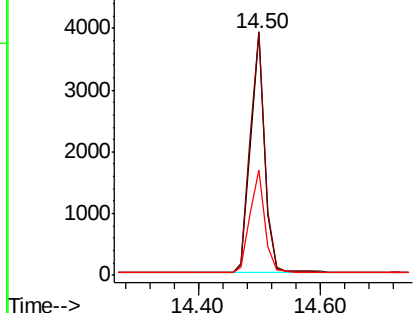
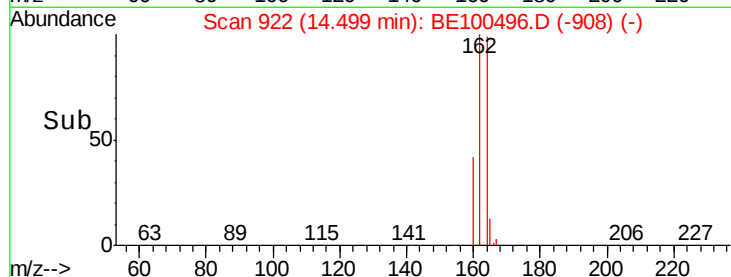
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Instrument :
BNA_E
ClientSampleId :
PB121443BSD

Tgt Ion:164 Resp: 6112
Ion Ratio Lower Upper
164 100
162 100.7 80.8 121.2
160 43.4 34.9 52.3

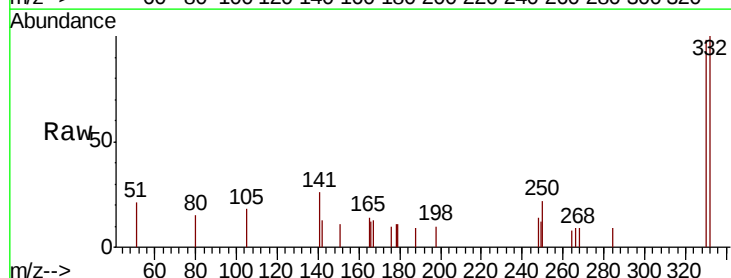


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

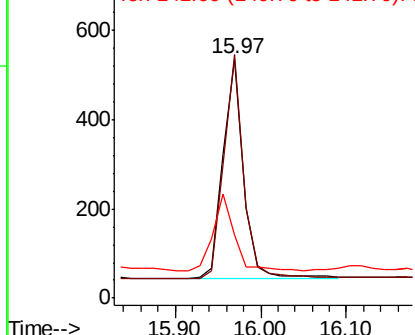
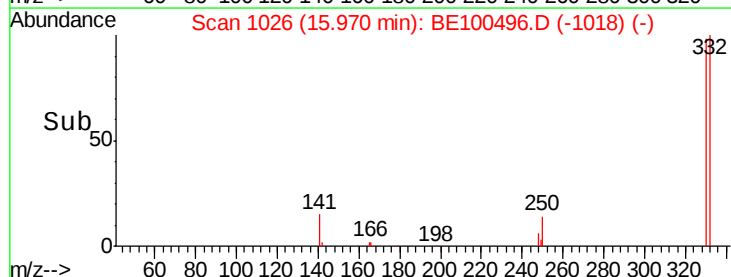


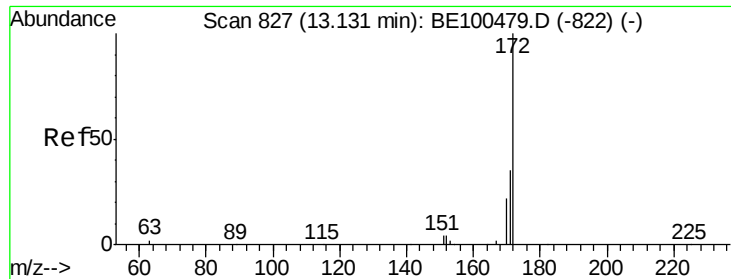
#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:330 Resp: 819
Ion Ratio Lower Upper
330 100
332 98.9 80.5 120.7
141 35.9 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

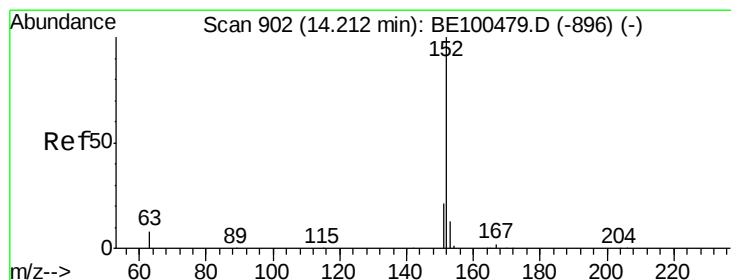
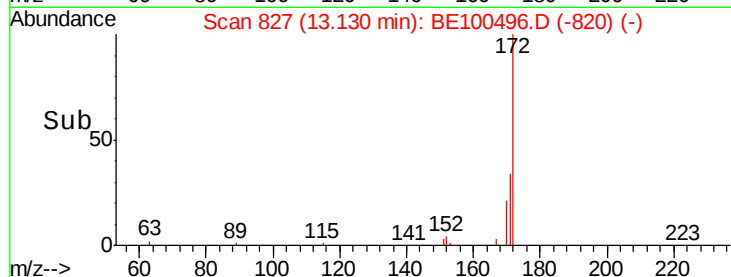
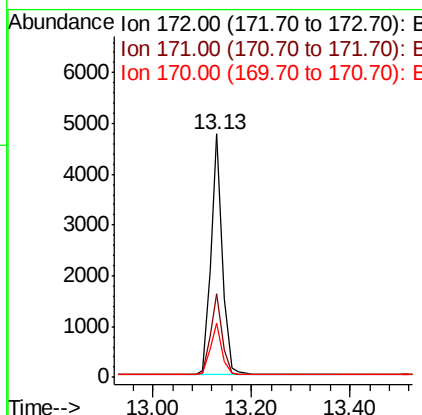
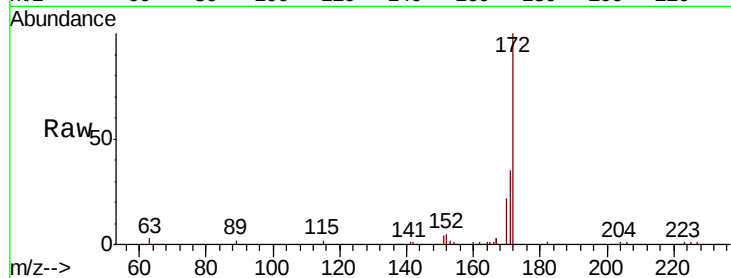




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

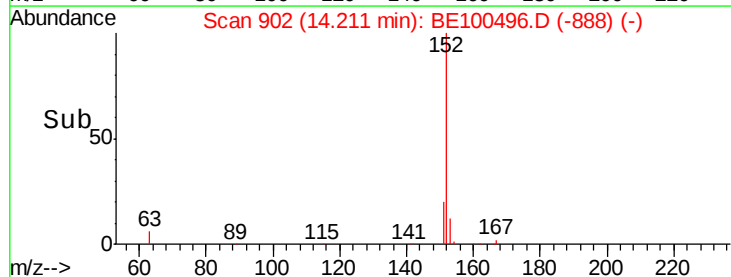
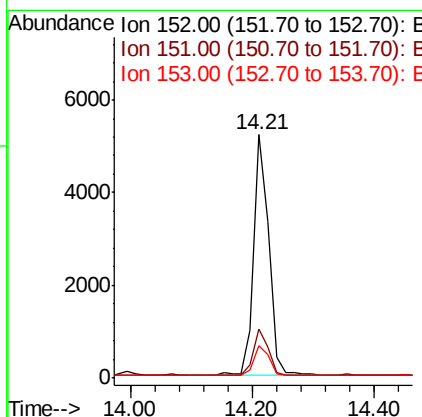
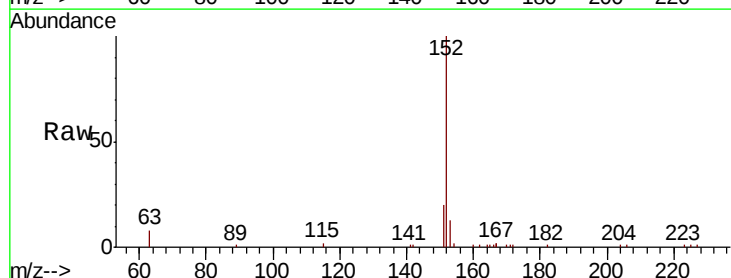
Instrument :
BNA_E
ClientSampleId :
PB121443BSD

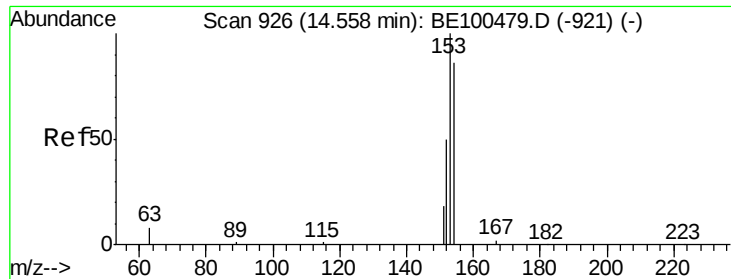
Tgt Ion:172 Resp: 7497
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 22.1 17.8 26.8



#16
Acenaphthylene
Concen: 0.310 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:152 Resp: 8764
Ion Ratio Lower Upper
152 100
151 19.5 16.1 24.1
153 13.1 10.6 16.0

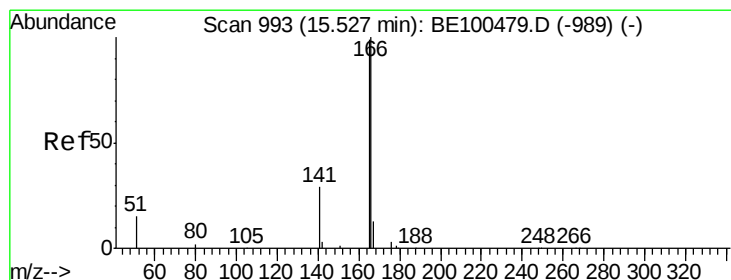
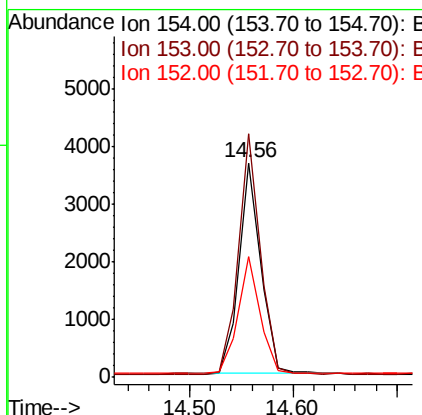
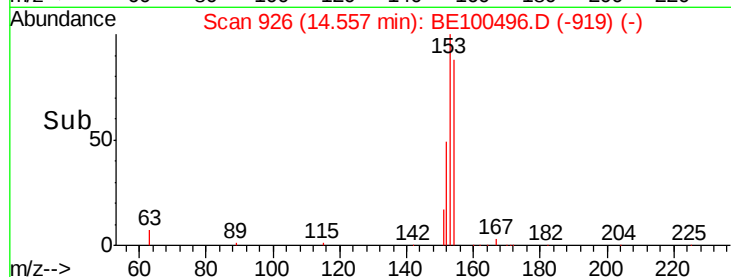
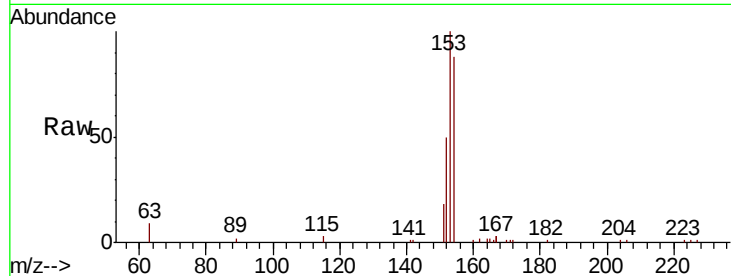




#17
Acenaphthene
Concen: 0.314 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

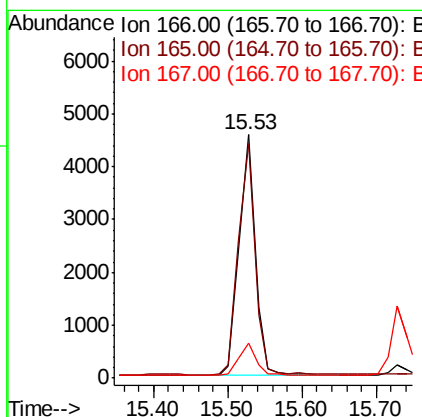
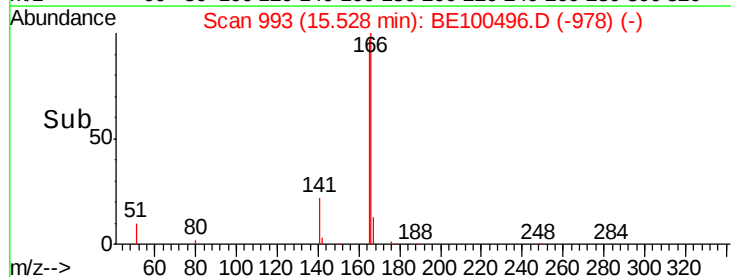
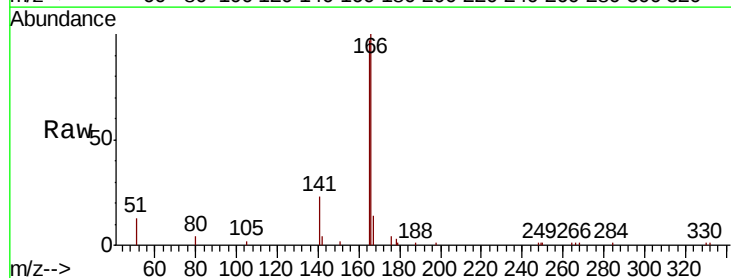
Instrument :
BNA_E
ClientSampleId :
PB121443BSD

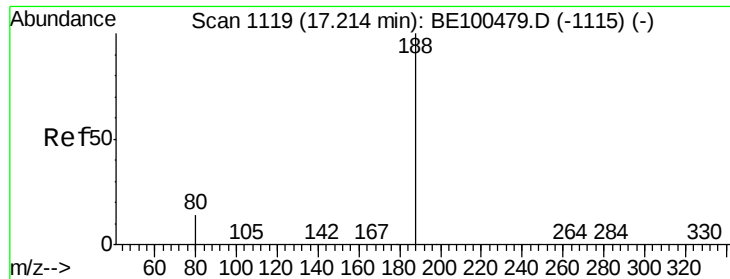
Tgt Ion:154 Resp: 5339
Ion Ratio Lower Upper
154 100
153 113.5 90.8 136.2
152 56.5 45.1 67.7



#18
Fluorene
Concen: 0.306 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:166 Resp: 6932
Ion Ratio Lower Upper
166 100
165 98.9 78.3 117.5
167 14.2 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: BE100496.D

Acq: 23 Jul 2019 11:48

Instrument :

BNA_E

ClientSampleId :

PB121443BSD

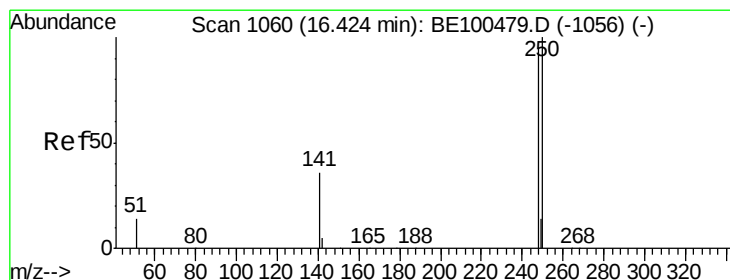
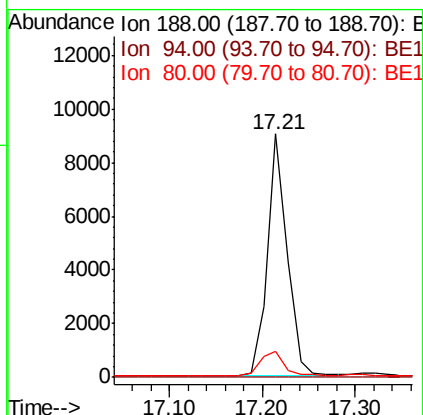
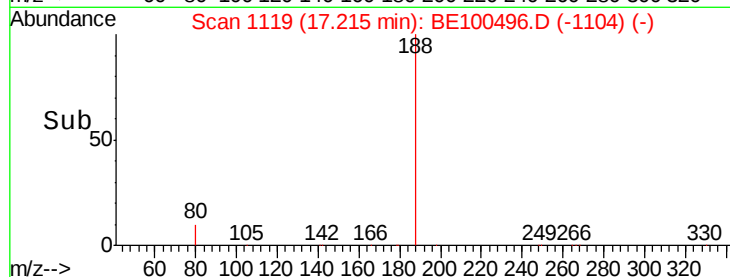
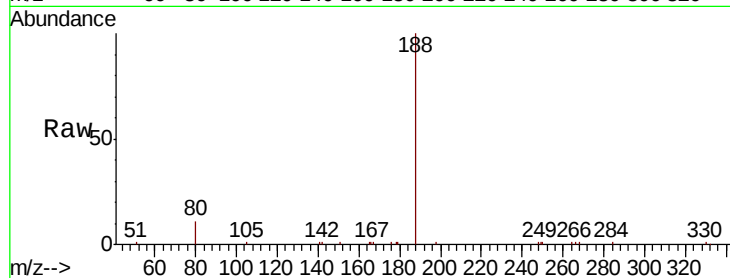
Tgt Ion:188 Resp: 13411

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.6 11.9 17.9#



#20

4-Bromophenyl-phenylether

Concen: 0.337 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

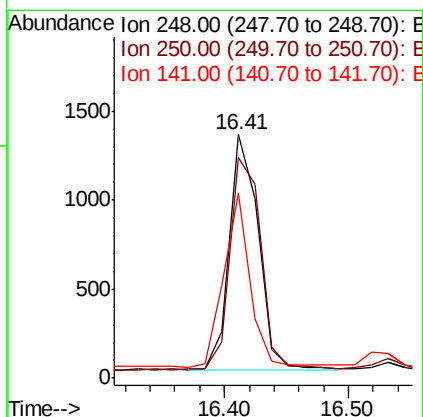
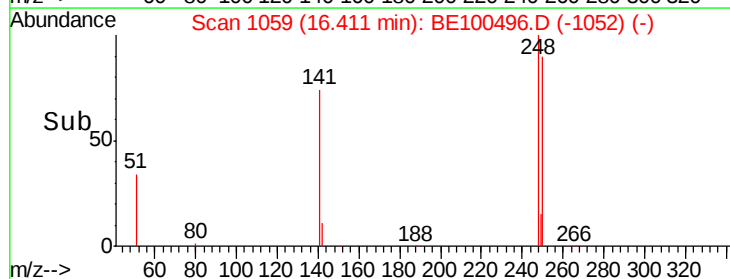
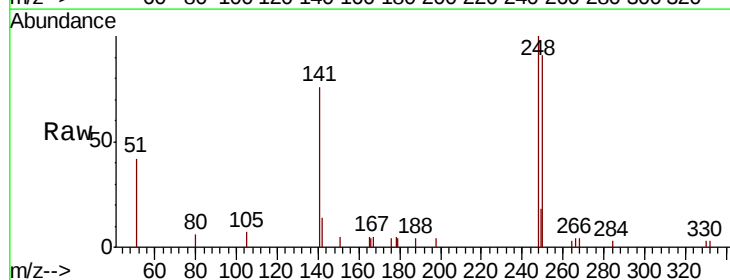
Tgt Ion:248 Resp: 2150

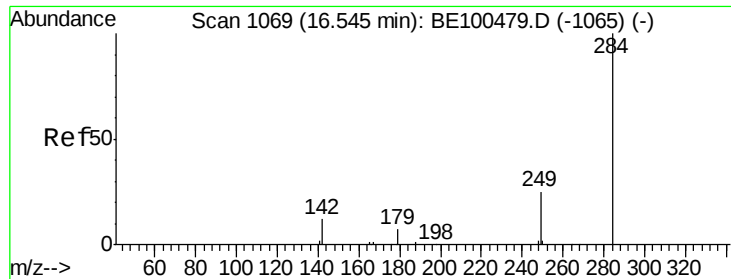
Ion Ratio Lower Upper

248 100

250 90.8 84.4 126.6

141 76.1 32.2 48.2#





#21

Hexachlorobenzene

Concen: 0.332 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

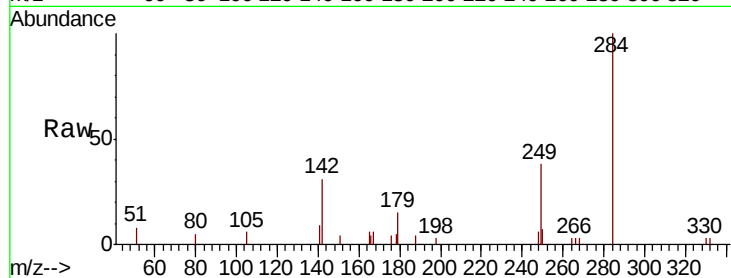
Instrument :

BNA_E

ClientSampleId :

PB121443BSD

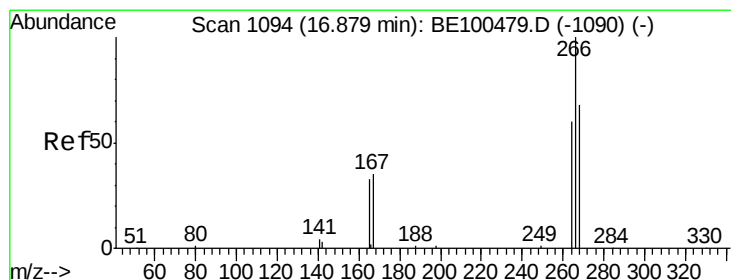
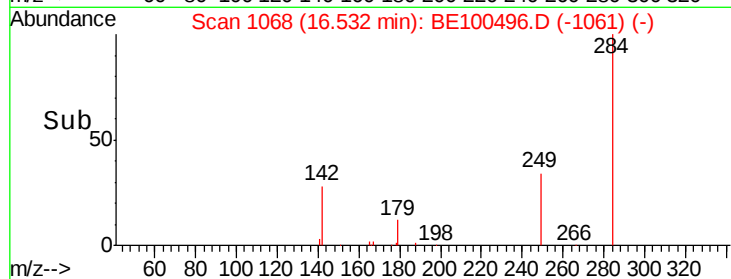
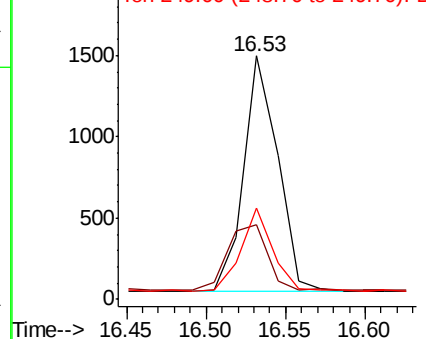
Tgt Ion:	284	Resp:	2177
Ion	Ratio	Lower	Upper
284	100		
142	32.0	26.7	40.1
249	32.4	25.0	37.4



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: 0.423 ng

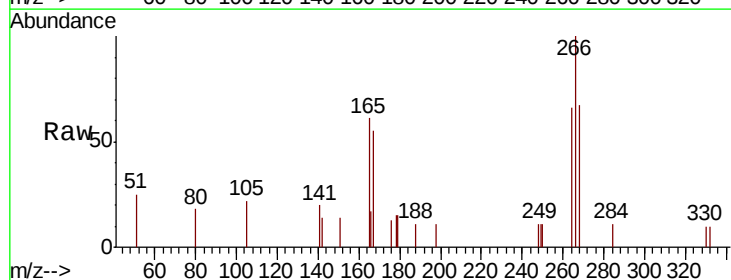
RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

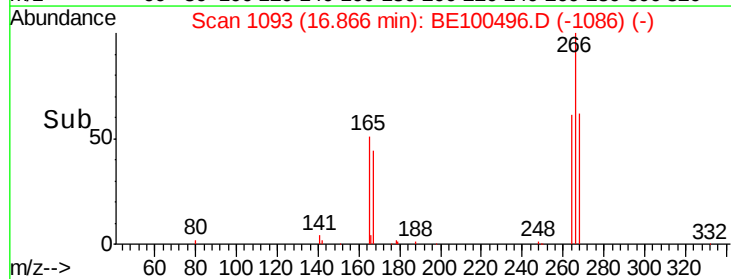
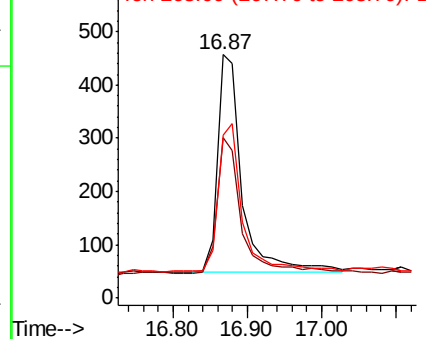
Tgt Ion:	266	Resp:	942
Ion	Ratio	Lower	Upper
266	100		
264	65.6	50.4	75.6
268	67.2	56.6	85.0

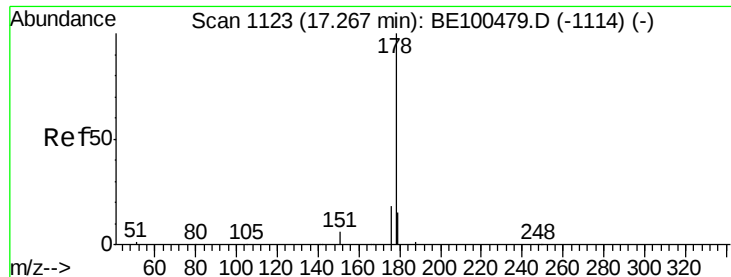


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

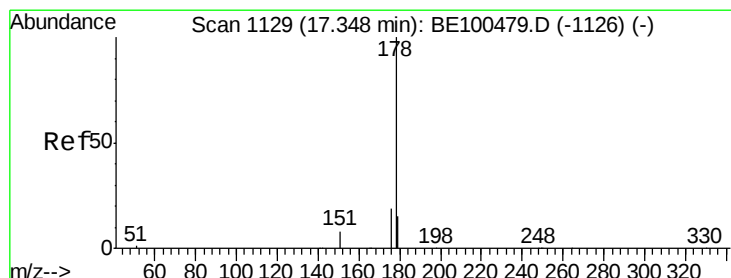
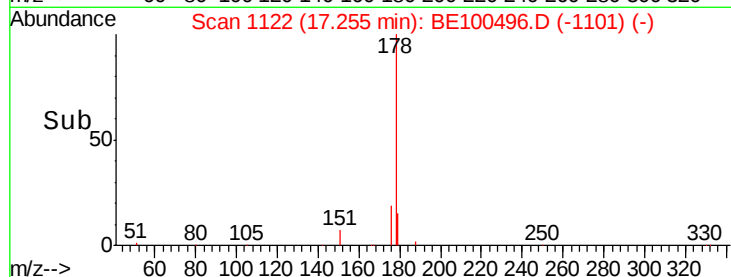
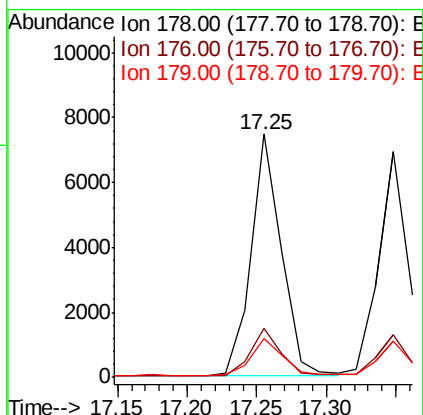
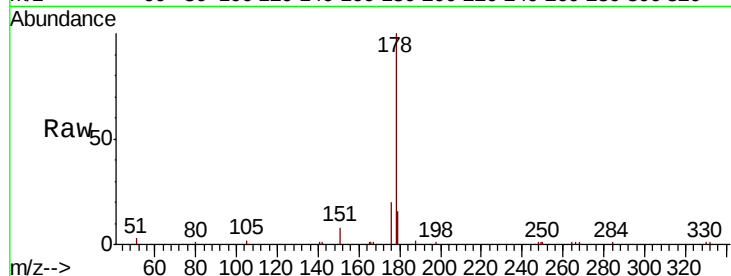




#23
Phenanthrene
Concen: 0.340 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

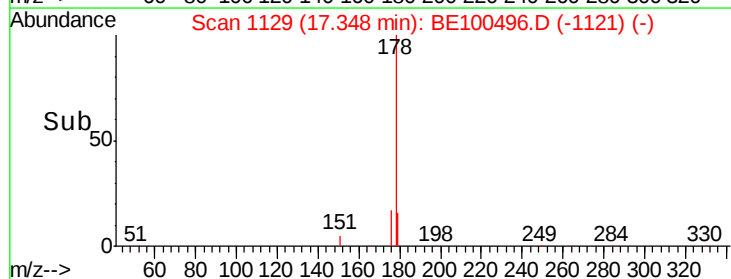
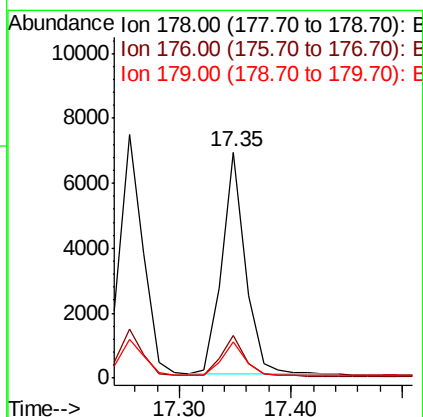
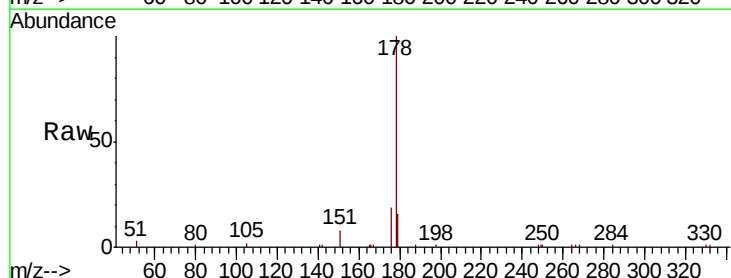
Instrument :
BNA_E
ClientSampleId :
PB121443BSD

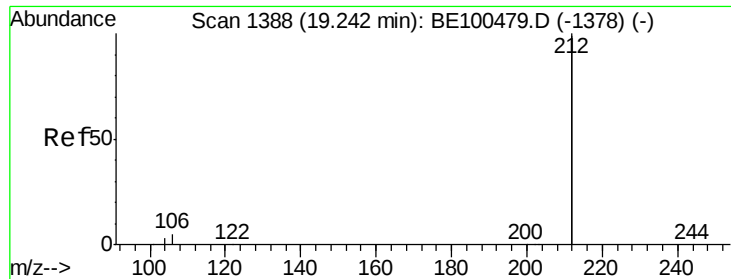
Tgt Ion:178 Resp: 11163
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.3 12.6 18.8



#24
Anthracene
Concen: 0.325 ng
RT: 17.35 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE100496.D
Acq: 23 Jul 2019 11:48

Tgt Ion:178 Resp: 10178
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.2 12.2 18.2





#25

Fluoranthene-d10

Concen: 0.285 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

Instrument :

BNA_E

ClientSampleId :

PB121443BSD

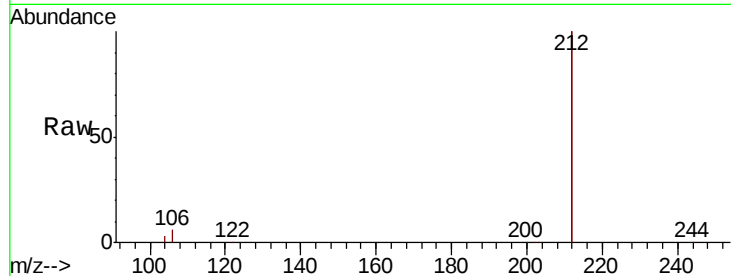
Tgt Ion:212 Resp: 52308

Ion Ratio Lower Upper

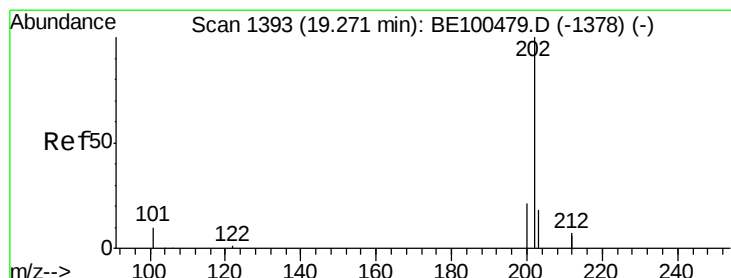
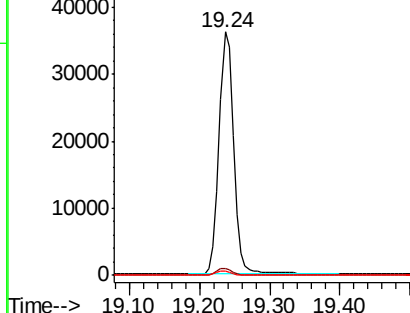
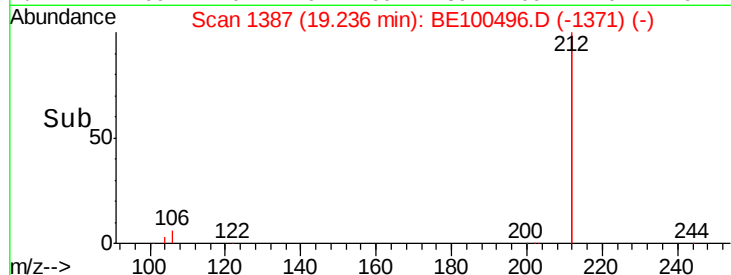
212 100

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: 0.313 ng

RT: 19.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

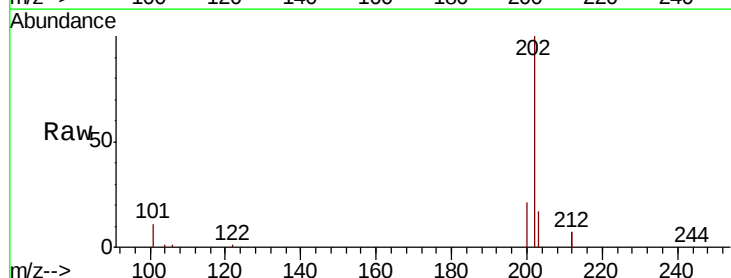
Tgt Ion:202 Resp: 14840

Ion Ratio Lower Upper

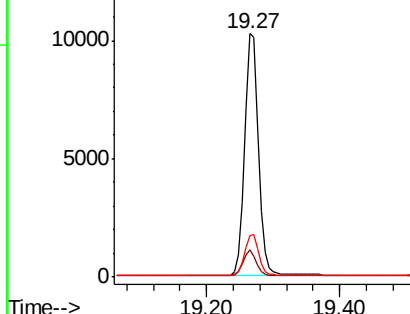
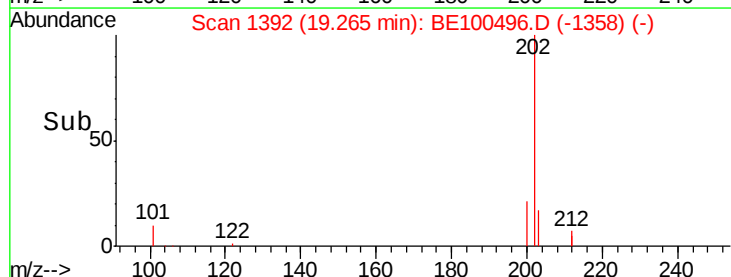
202 100

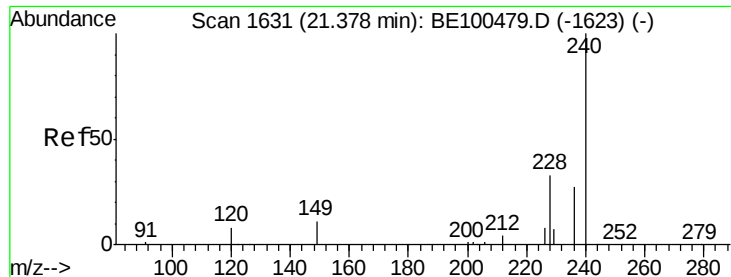
101 9.7 8.0 12.0

203 16.8 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

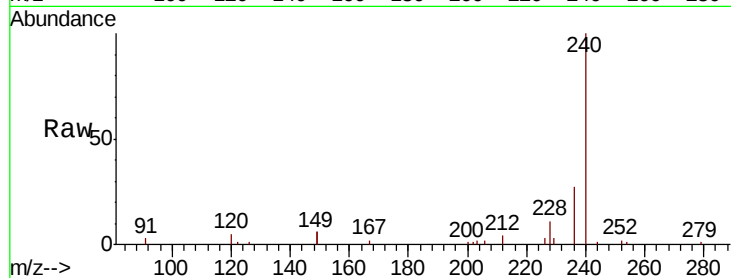




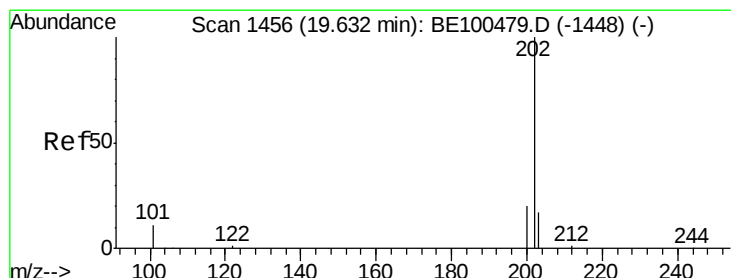
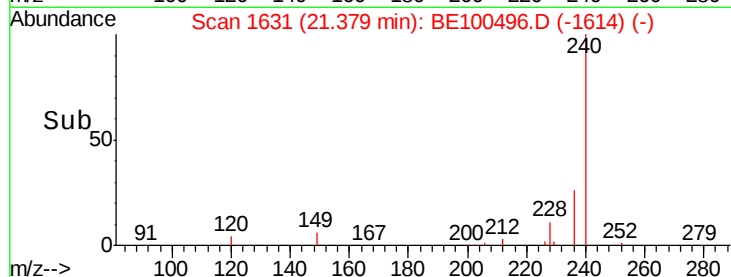
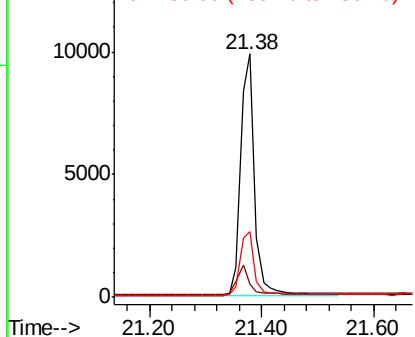
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE100496.D
 Acq: 23 Jul 2019 11:48

Instrument :
 BNA_E
 ClientSampleId :
 PB121443BSD

Tgt Ion:240 Resp: 17070
 Ion Ratio Lower Upper
 240 100
 120 5.4 8.2 12.2#
 236 26.9 22.6 34.0

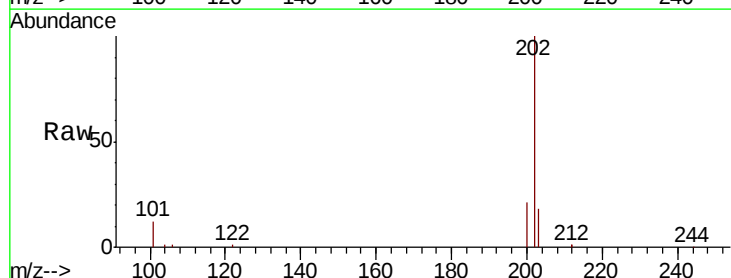


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

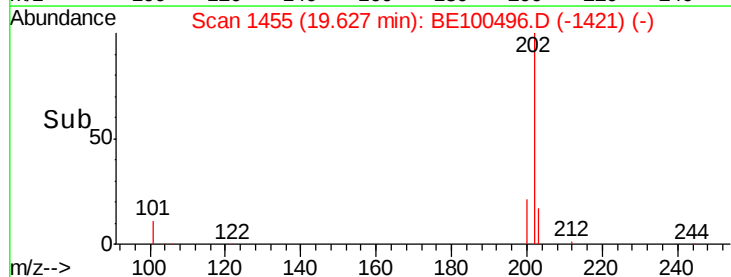
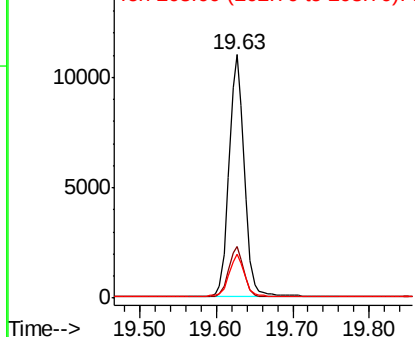


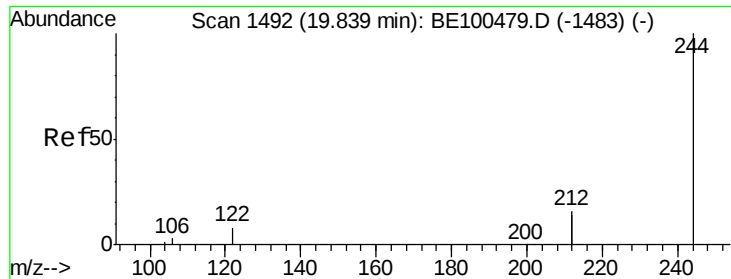
#28
 Pyrene
 Concen: 0.291 ng
 RT: 19.63 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BE100496.D
 Acq: 23 Jul 2019 11:48

Tgt Ion:202 Resp: 15470
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.6 24.8
 203 17.7 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: BE100496.D

Acq: 23 Jul 2019 11:48

Instrument :

BNA_E

ClientSampleId :

PB121443BSD

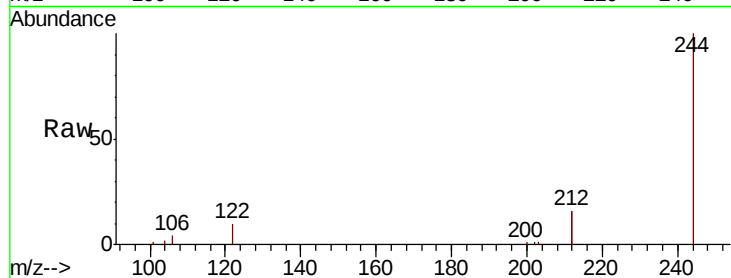
Tgt Ion:244 Resp: 9337

Ion Ratio Lower Upper

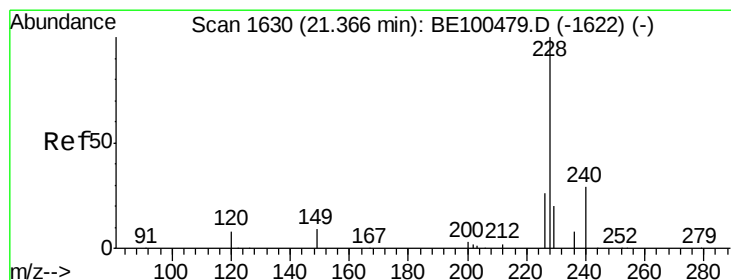
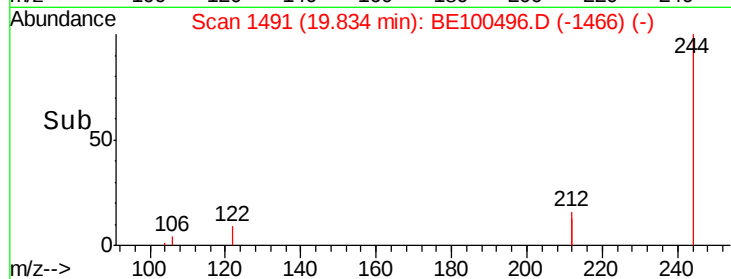
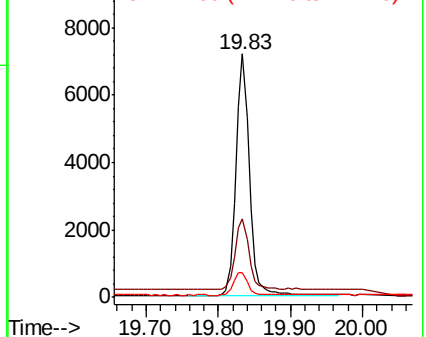
244 100

212 32.3 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: 0.307 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

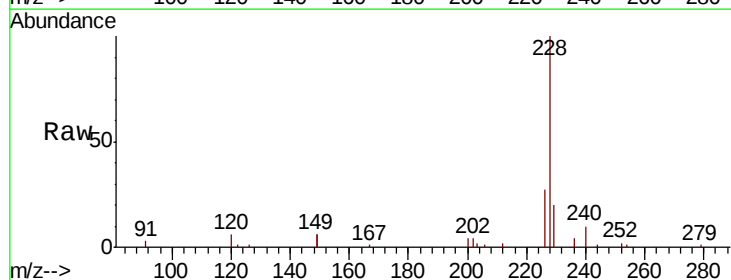
Tgt Ion:228 Resp: 16008

Ion Ratio Lower Upper

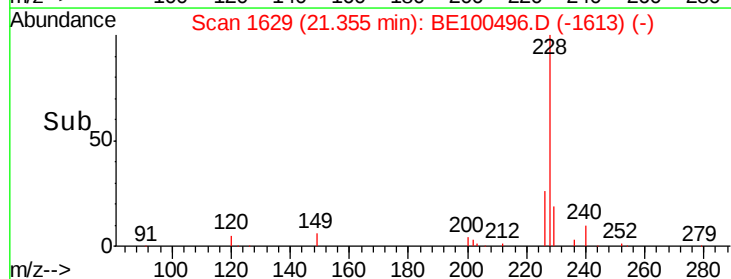
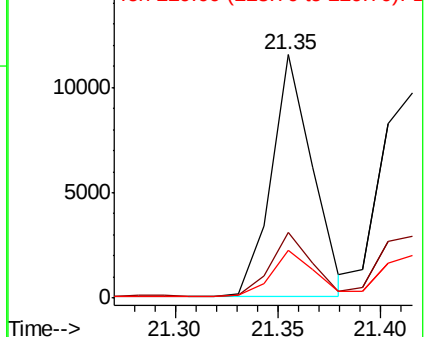
228 100

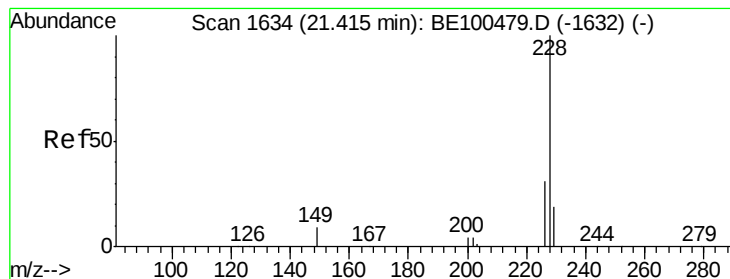
226 27.0 21.4 32.2

229 19.8 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: 0.310 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

Instrument :

BNA_E

ClientSampleId :

PB121443BSD

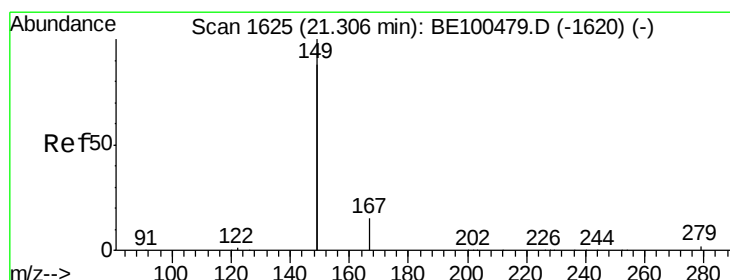
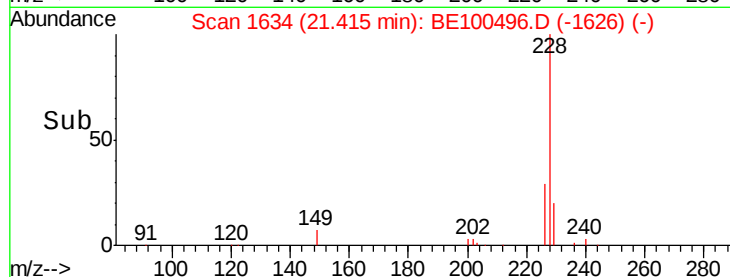
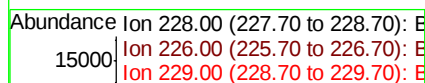
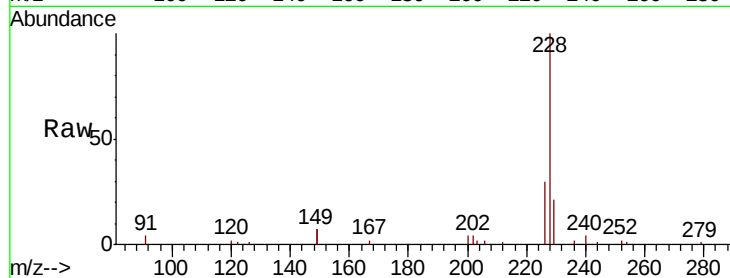
Tgt Ion: 228 Resp: 15955

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

229 21.0 16.7 25.1



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.368 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

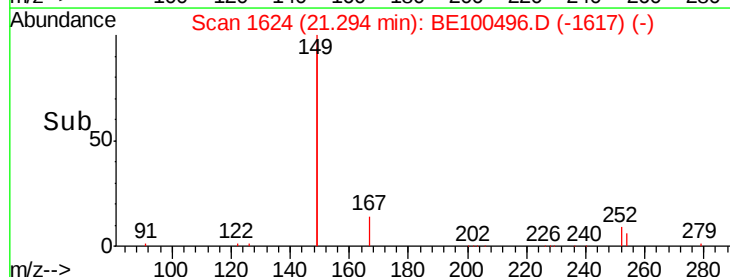
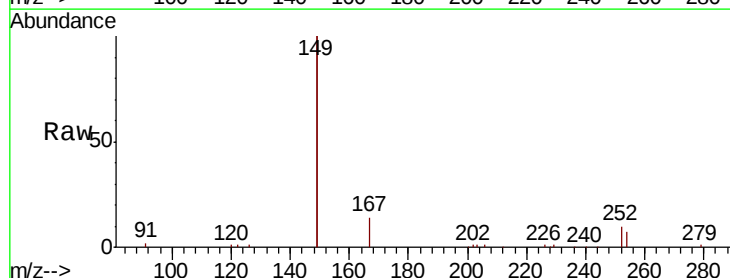
Tgt Ion: 149 Resp: 44048

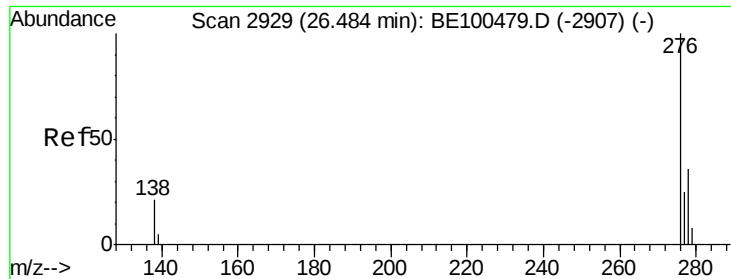
Ion Ratio Lower Upper

149 100

167 7.1 5.9 8.9

279 1.2 1.0 1.6





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.415 ng

RT: 26.47 min Scan# 2925

Delta R.T. -0.01 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

Instrument :

BNA_E

ClientSampleId :

PB121443BSD

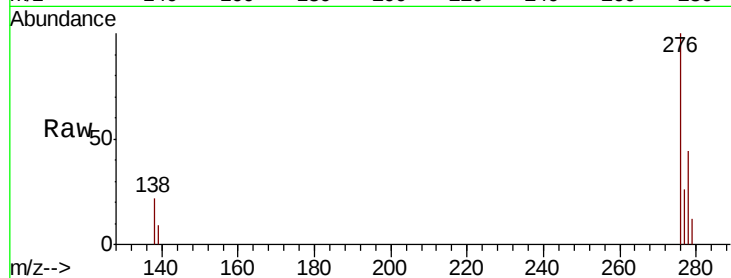
Tgt Ion:276 Resp: 23284

Ion Ratio Lower Upper

276 100

138 20.7 16.6 25.0

277 23.7 19.1 28.7

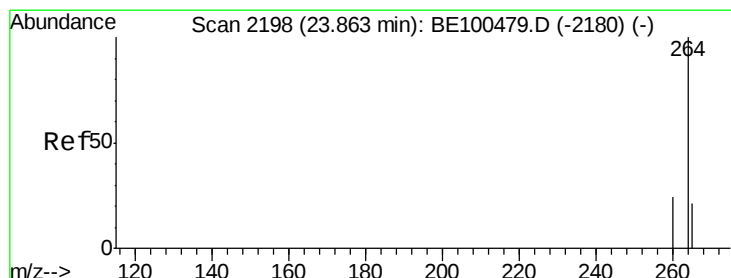
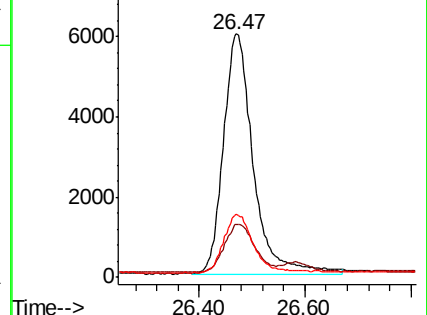
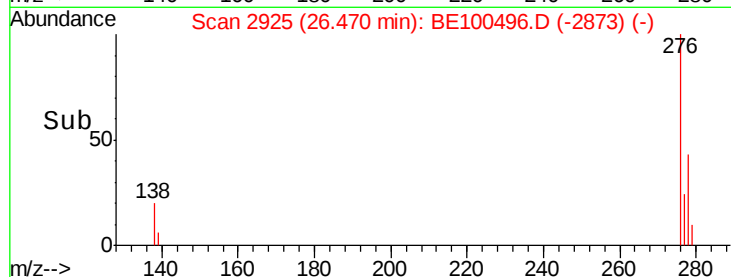


Abundance

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# 2195

Delta R.T. -0.01 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

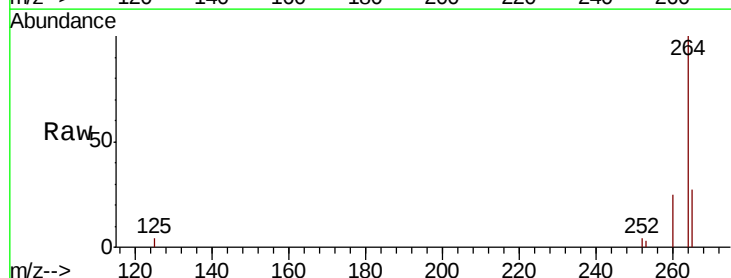
Tgt Ion:264 Resp: 21678

Ion Ratio Lower Upper

264 100

260 25.1 20.7 31.1

265 27.5 23.4 35.2

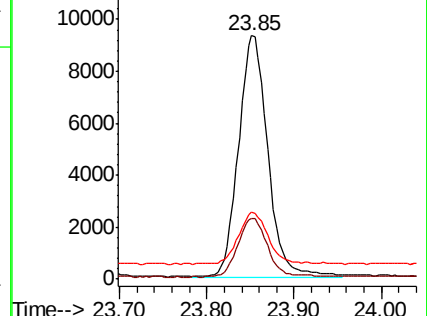
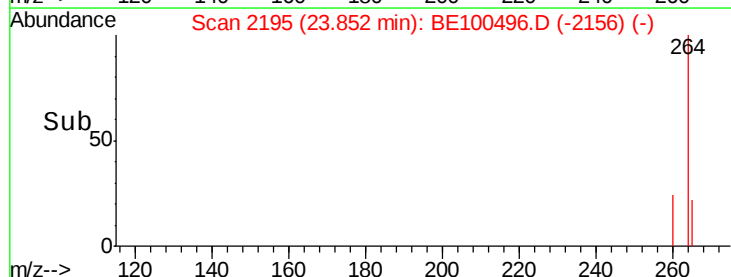


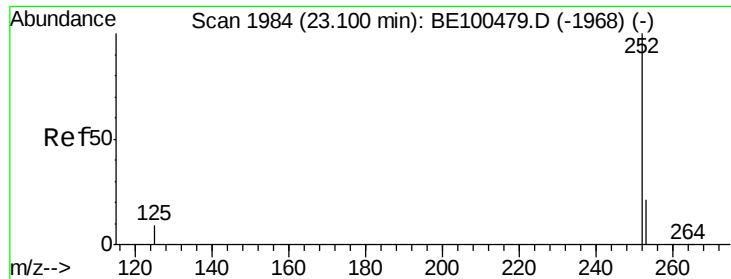
Abundance

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# 1981

Delta R.T. -0.01 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

Instrument :

BNA_E

ClientSampleId :

PB121443BSD

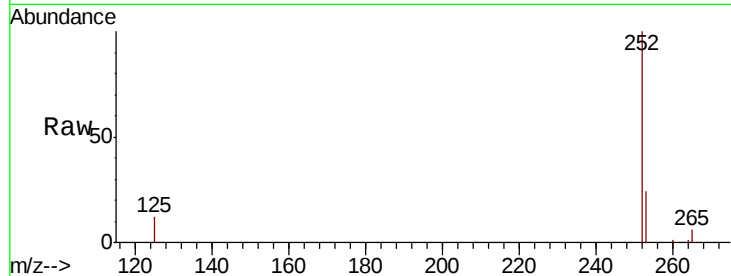
Tgt Ion:252 Resp: 18922

Ion Ratio Lower Upper

252 100

253 24.2 19.2 28.8

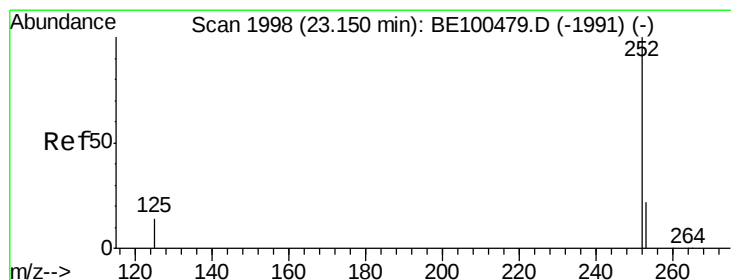
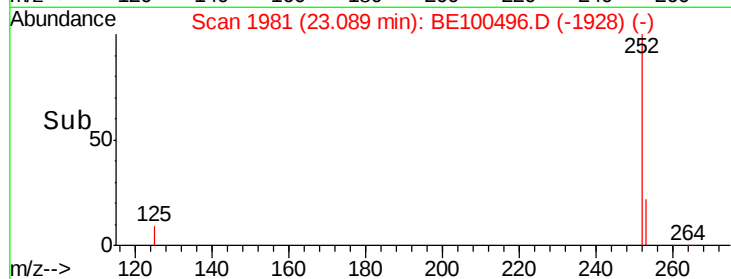
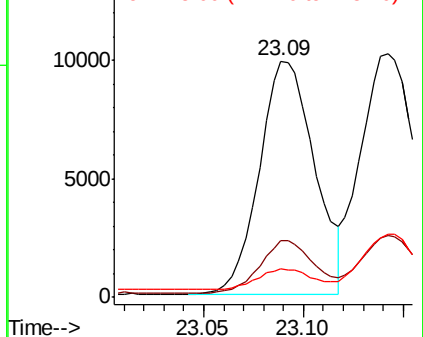
125 12.3 11.9 17.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.338 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

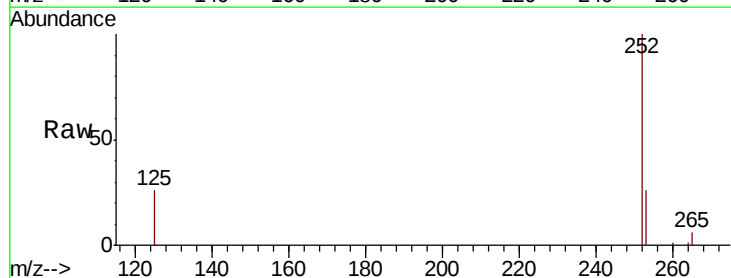
Tgt Ion:252 Resp: 21024

Ion Ratio Lower Upper

252 100

253 25.6 19.7 29.5

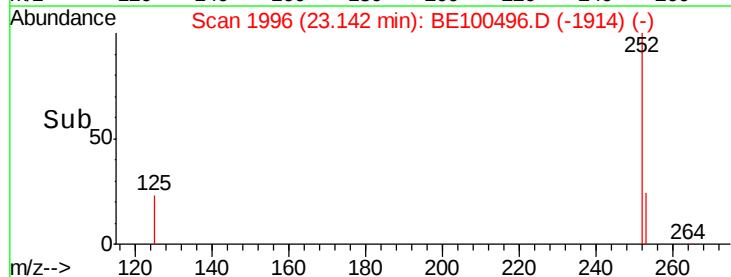
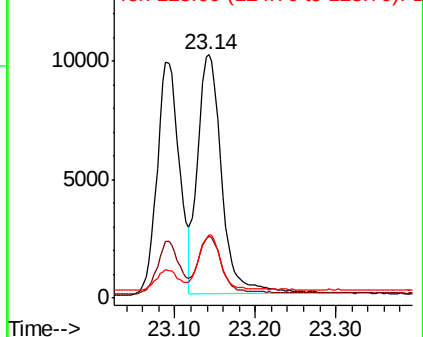
125 25.8 15.2 22.8#

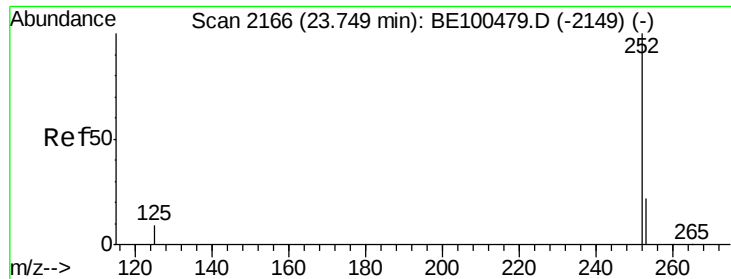


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.329 ng

RT: 23.74 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

Instrument :

BNA_E

ClientSampleId :

PB121443BSD

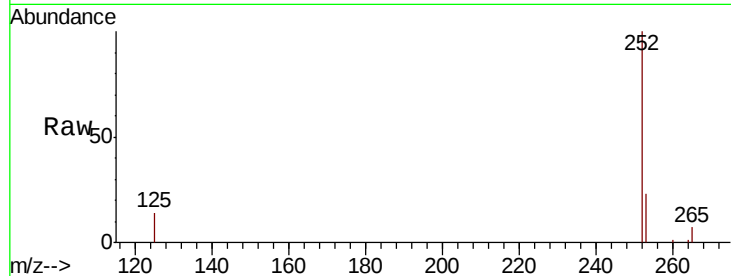
Tgt Ion:252 Resp: 18946

Ion Ratio Lower Upper

252 100

253 23.3 20.0 30.0

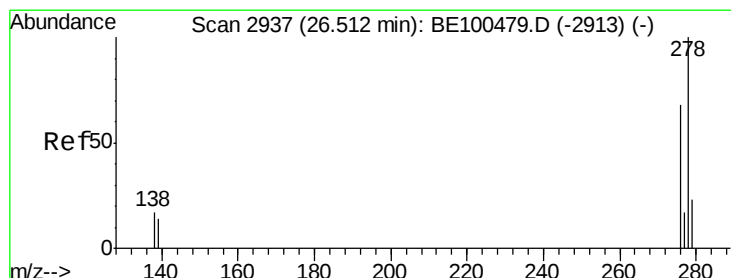
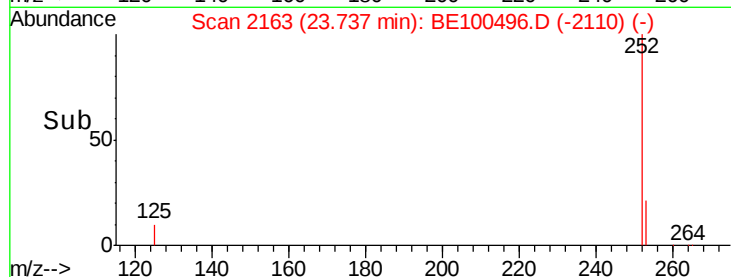
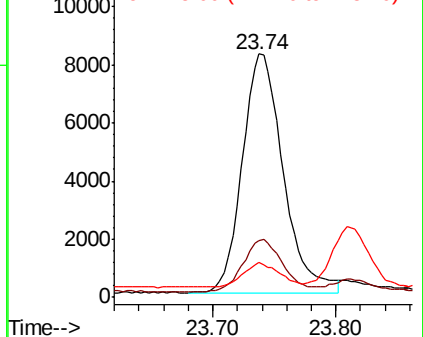
125 14.2 14.1 21.1



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: 0.346 ng

RT: 26.49 min Scan# 2932

Delta R.T. -0.02 min

Lab File: BE100496.D

Acq: 23 Jul 2019 11:48

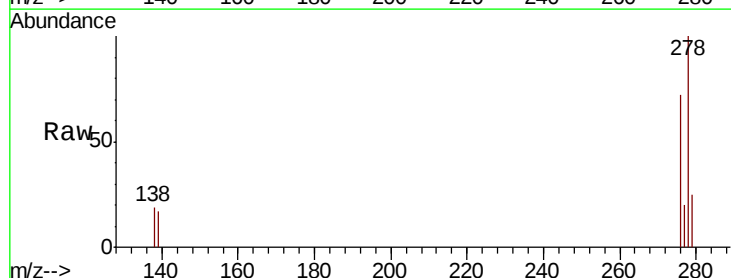
Tgt Ion:278 Resp: 18882

Ion Ratio Lower Upper

278 100

139 16.6 16.8 25.2#

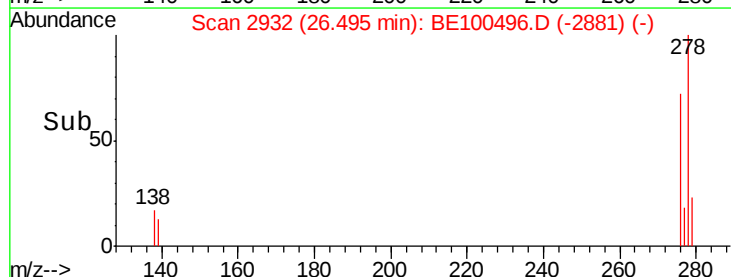
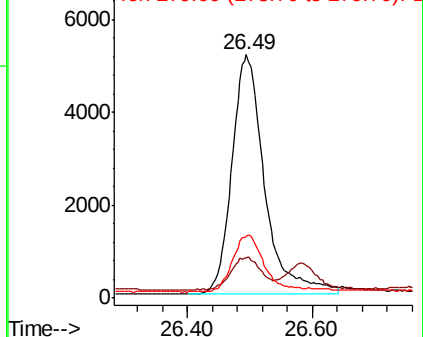
279 25.4 21.8 32.8

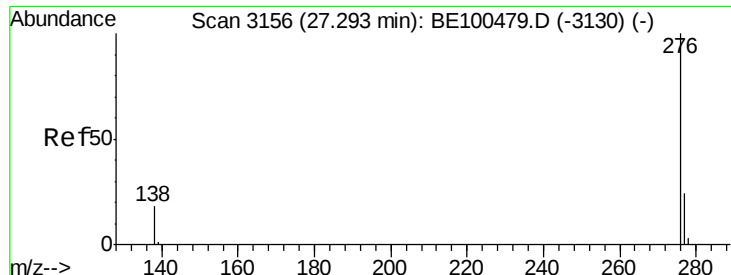


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.357 ng

RT: 27.28 min Scan# 3151

Delta R.T. -0.02 min

Lab File: BE100496.D

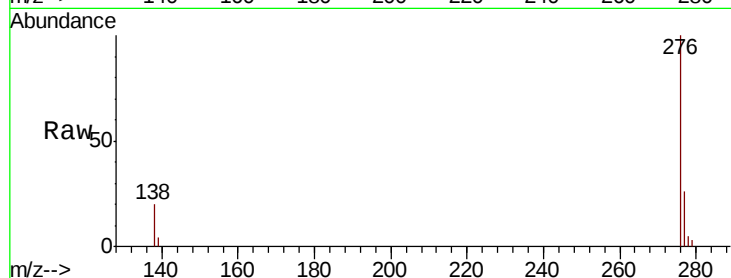
Acq: 23 Jul 2019 11:48

Instrument :

BNA_E

ClientSampleId :

PB121443BSD



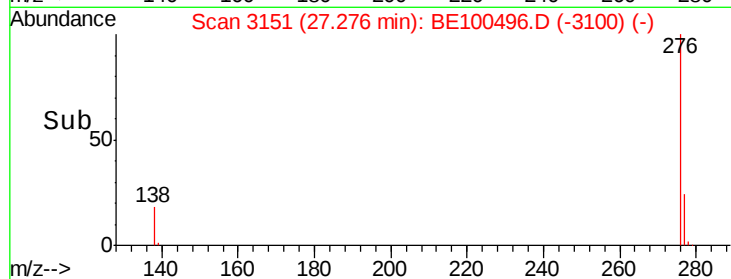
Tgt Ion: 276 Resp: 19888

Ion Ratio Lower Upper

276 100

277 25.7 22.0 33.0

138 20.4 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

