

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122719\
 Data File : BE100991.D
 Acq On : 27 Dec 2019 13:46
 Operator : JU
 Sample : PB125417BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB125417BSD

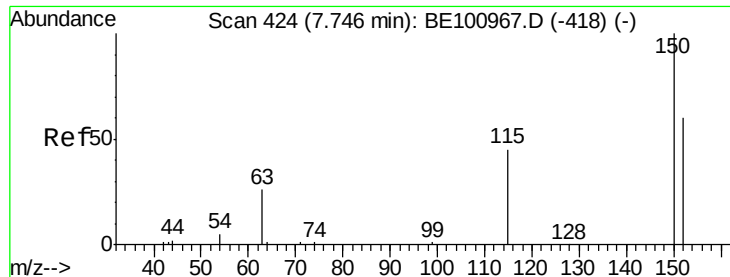
Quant Time: Dec 27 22:44:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 17:39:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2196	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	11605	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	7210	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	16451	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	14149	0.40	ng	0.00
34) Perylene-d12	23.72	264	16806	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1423	0.38	ng	0.00
5) Phenol-d6	6.98	99	1674	0.41	ng	0.00
8) Nitrobenzene-d5	8.90	82	2053	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	7476	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	569	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	10914	0.43	ng	0.00
25) Fluoranthene-d10	19.14	212	75943	0.38	ng	0.00
29) Terphenyl-d14	19.75	244	14817	0.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	2310	0.273	ng	# 87
3) n-Nitrosodimethylamine	3.67	42	545	0.508	ng	# 1
6) bis(2-Chloroethyl)ether	7.18	93	2144	0.270	ng	81
9) Naphthalene	10.58	128	50284	0.408	ng	100
10) Hexachlorobutadiene	10.86	225	2234	0.410	ng	98
12) 2-Methylnaphthalene	12.21	142	6846	0.366	ng	99
16) Acenaphthylene	14.10	152	9640	0.358	ng	98
17) Acenaphthene	14.44	154	7974	0.407	ng	99
18) Fluorene	15.42	166	10037	0.411	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	2639	0.365	ng	94
21) Hexachlorobenzene	16.43	284	3301	0.387	ng	100
22) Pentachlorophenol	16.79	266	267	0.357	ng	90
23) Phenanthrene	17.15	178	16771	0.396	ng	99
24) Anthracene	17.26	178	9754	0.227	ng	98
26) Fluoranthene	19.17	202	21355	0.369	ng	99
28) Pyrene	19.53	202	22250	0.450	ng	100
30) Benzo(a)anthracene	21.28	228	14022	0.405	ng	98
31) Chrysene	21.33	228	18573	0.288	ng	99
32) Bis(2-ethylhexyl)phthalate	21.21	149	23529	0.383	ng	100
33) Indeno(1,2,3-cd)pyrene	26.28	276	20454	0.421	ng	# 94
35) Benzo(b)fluoranthene	22.98	252	15204	0.430	ng	100
36) Benzo(k)fluoranthene	23.03	252	23427	0.349	ng	99
37) Benzo(a)pyrene	23.61	252	16654	0.403	ng	97
38) Dibenzo(a,h)anthracene	26.31	278	15342	0.410	ng	# 90
39) Benzo(g,h,i)perylene	27.06	276	19636	0.445	ng	99

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

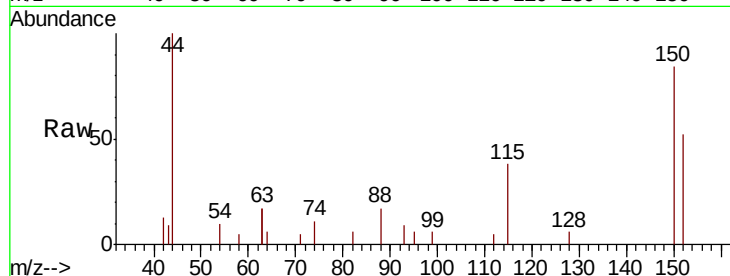


#1

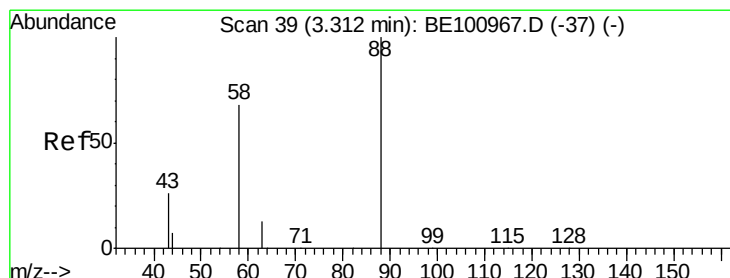
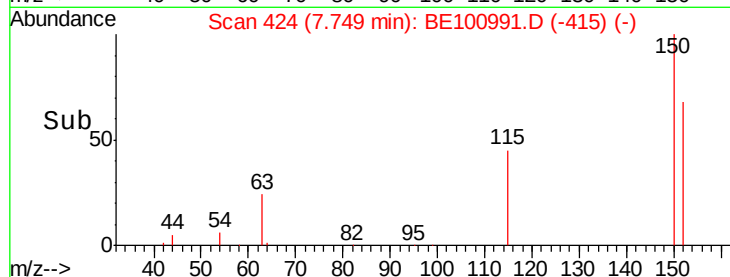
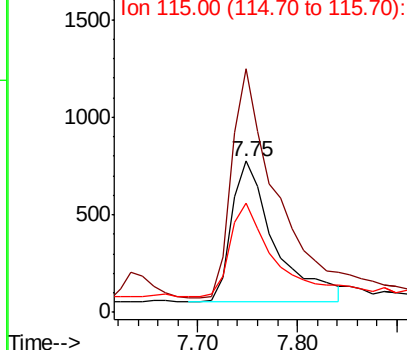
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tot Ion:152 Resp: 2196
Ion Ratio Lower Upper
152 100
150 161.0 132.6 199.0
115 72.1 64.1 96.1



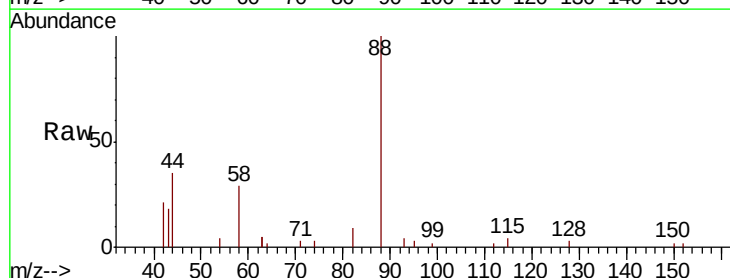
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



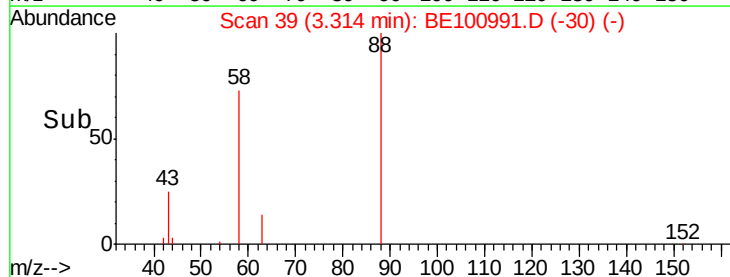
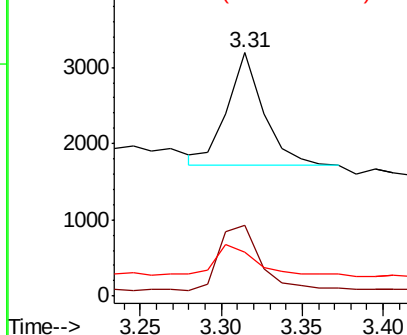
#2

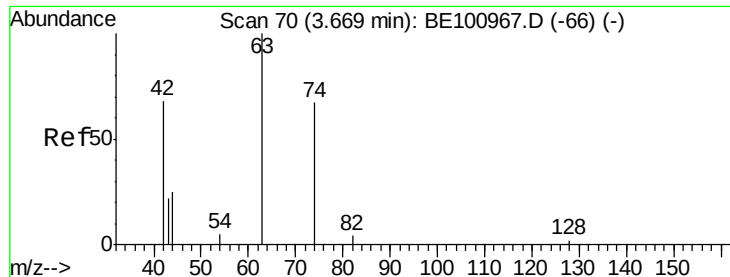
1,4-Dioxane
Concen: 0.273 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion: 88 Resp: 2310
Ion Ratio Lower Upper
88 100
58 67.4 44.2 66.4#
43 28.3 21.0 31.6



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: 0.508 ng

RT: 3.67 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

PB125417BSD

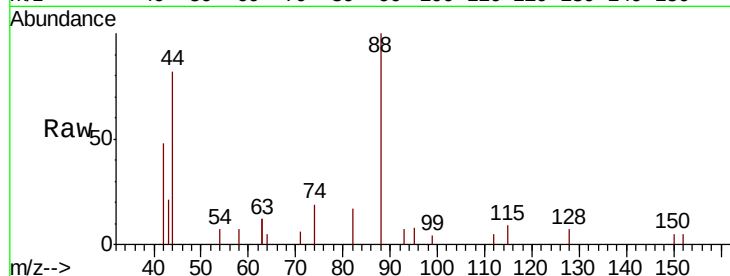
Tot Ion: 42 Resp: 545

Ion Ratio Lower Upper

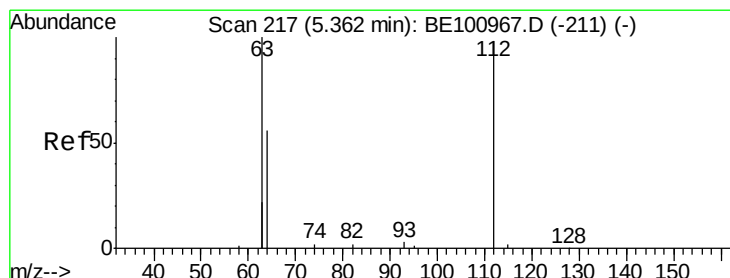
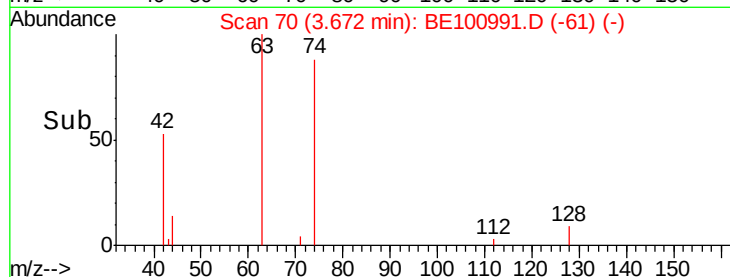
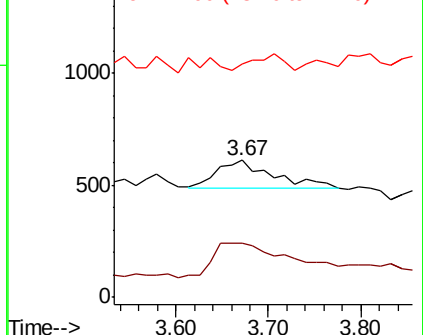
42 100

74 0.0 116.6 174.8#

44 0.0 0.0 0.0



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: 0.383 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

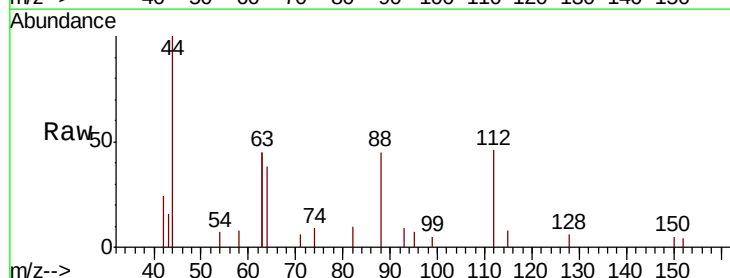
Tgt Ion: 112 Resp: 1423

Ion Ratio Lower Upper

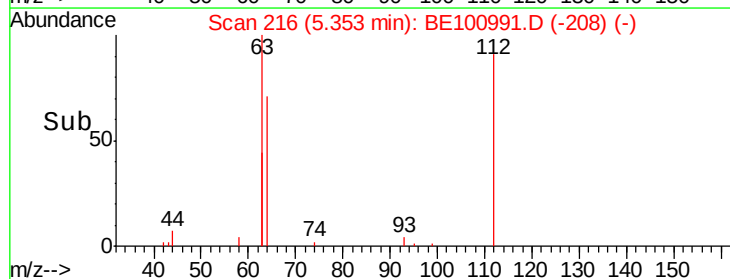
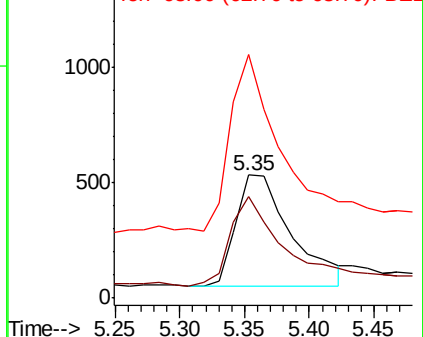
112 100

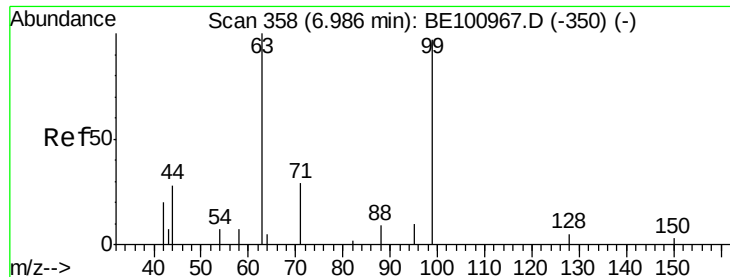
64 76.5 59.0 88.6

63 145.7 121.4 182.0



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: 0.411 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

PB125417BSD

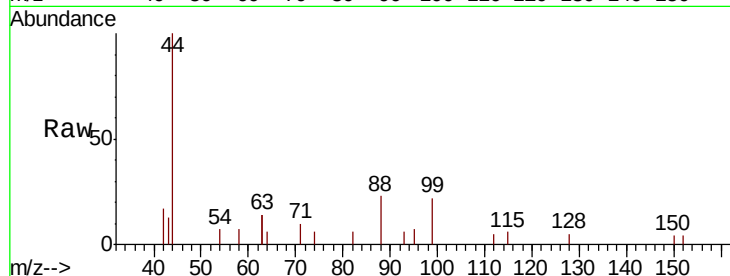
Tot Ion: 99 Resp: 1674

Ion Ratio Lower Upper

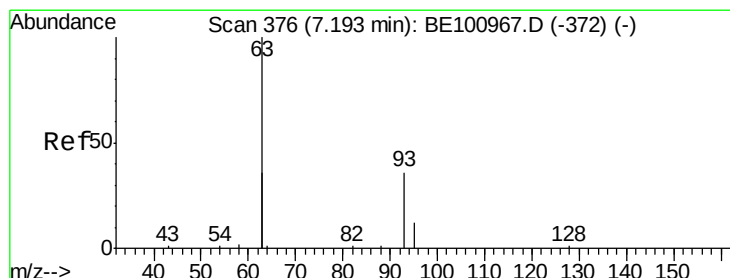
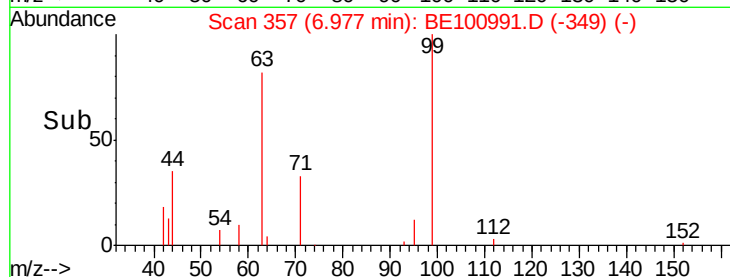
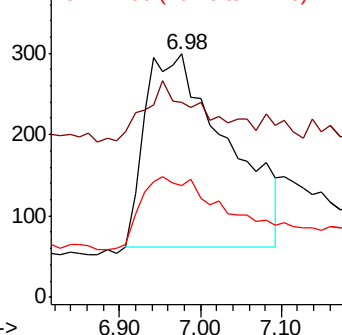
99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



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: 0.270 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

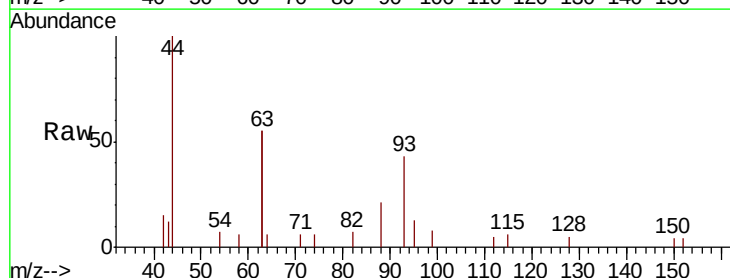
Tgt Ion: 93 Resp: 2144

Ion Ratio Lower Upper

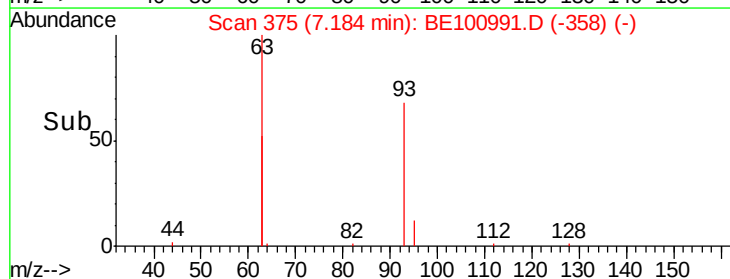
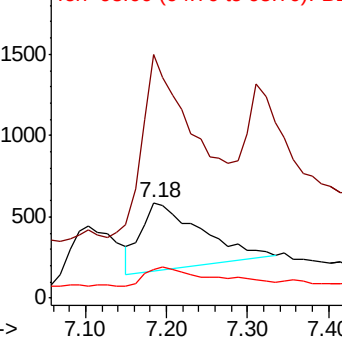
93 100

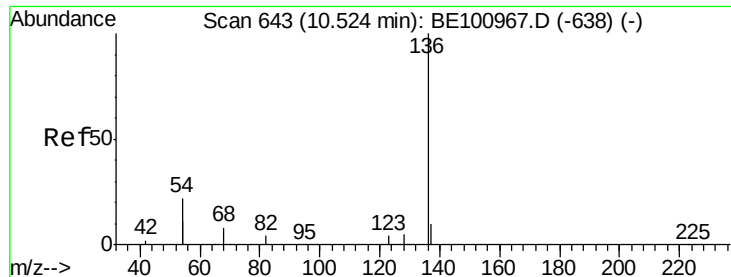
63 244.5 228.3 342.5

95 32.4 25.9 38.9



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: 10.52 min Scan# 643

Delta R.T. 0.00 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

PB125417BSD

Tot Ion:136 Resp: 11605

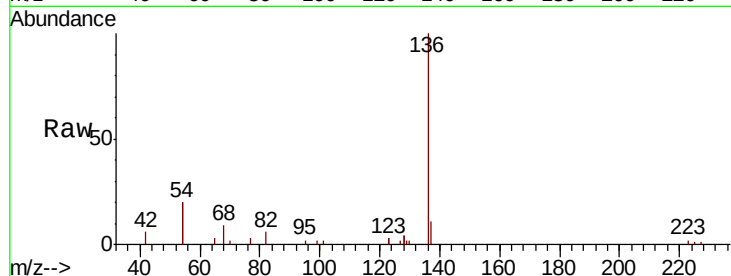
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 39.9 34.4 51.6

68 8.8 7.8 11.6

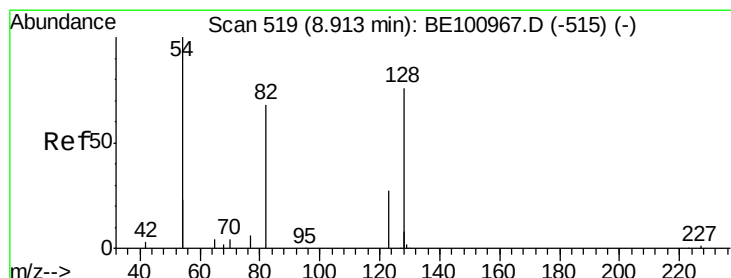
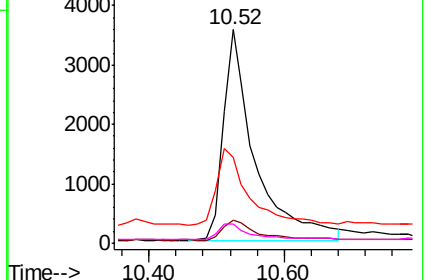
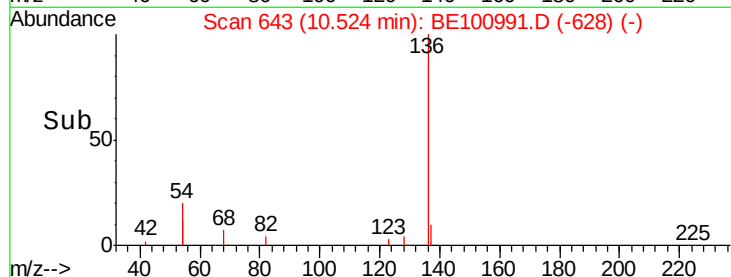


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.446 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

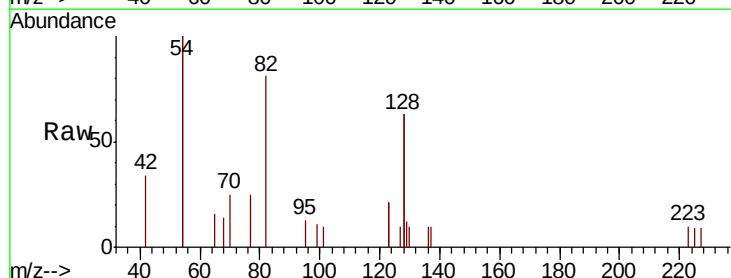
Tgt Ion: 82 Resp: 2053

Ion Ratio Lower Upper

82 100

128 155.0 140.2 210.2

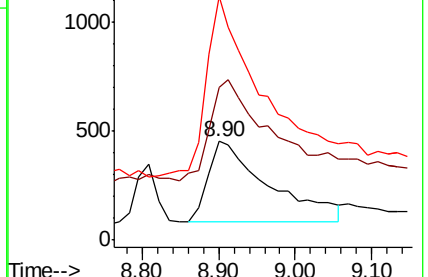
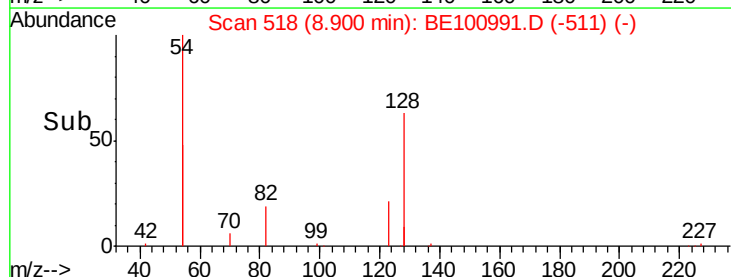
54 245.9 183.8 275.6

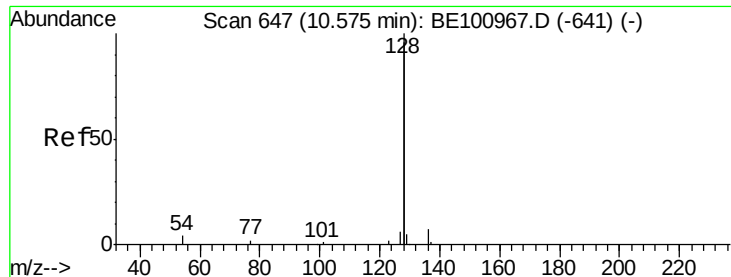


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.408 ng

RT: 10.58 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

PB125417BSD

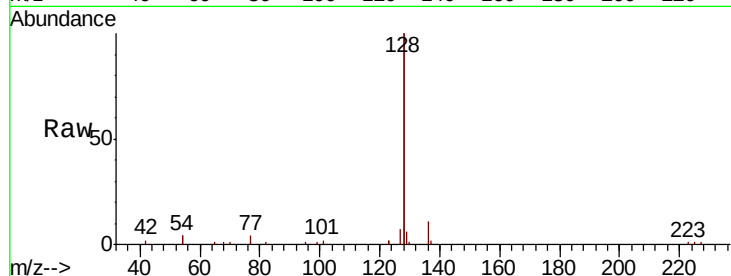
Tot Ion:128 Resp: 50284

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

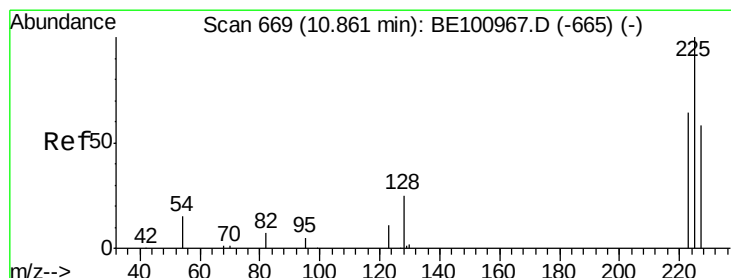
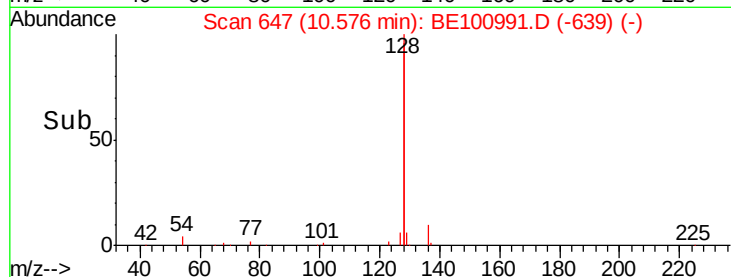
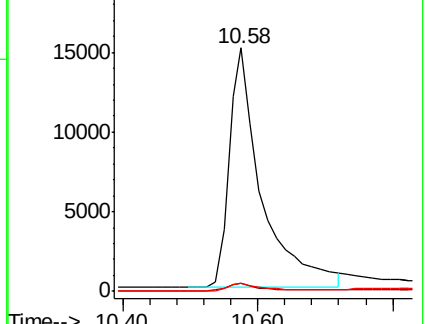
127 3.4 2.8 4.2



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: 0.410 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

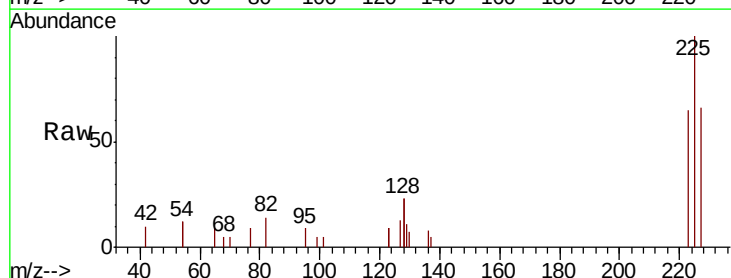
Tgt Ion:225 Resp: 2234

Ion Ratio Lower Upper

225 100

223 63.7 51.4 77.0

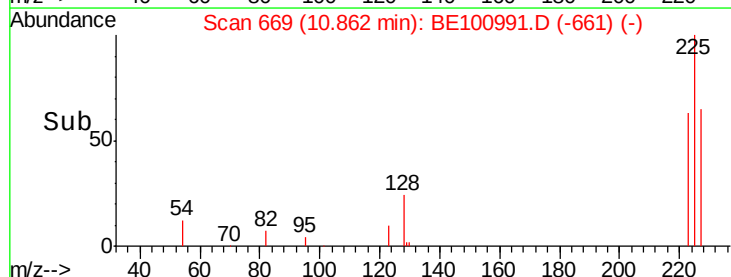
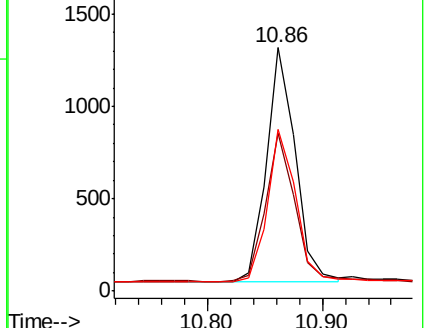
227 64.6 50.2 75.2

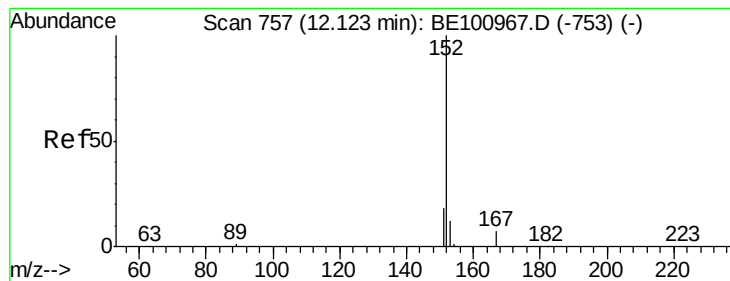


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.439 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

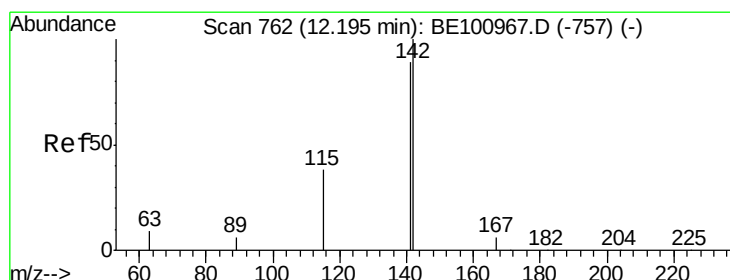
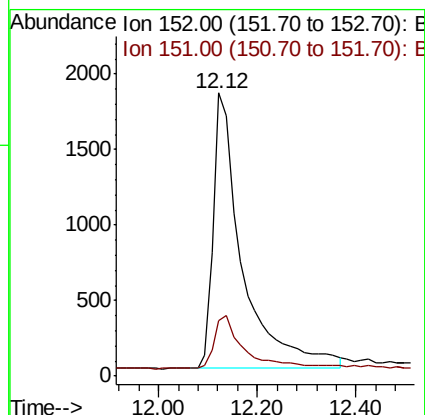
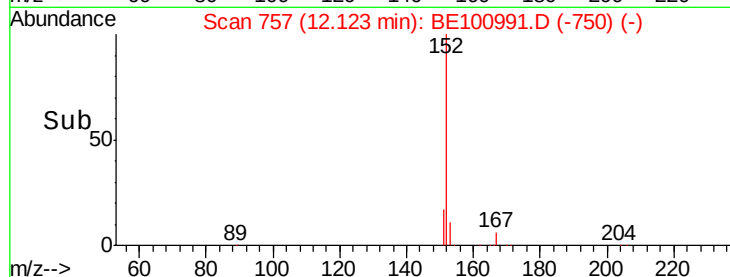
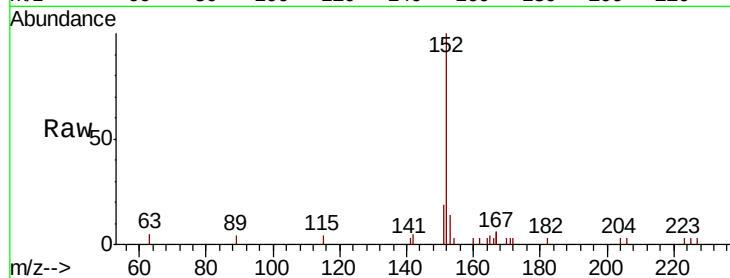
PB125417BSD

Tot Ion:152 Resp: 7476

Ion Ratio Lower Upper

152 100

151 18.8 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.366 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

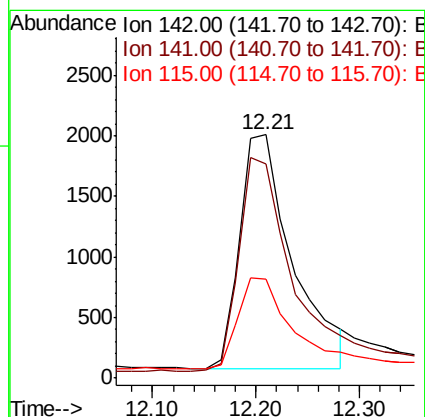
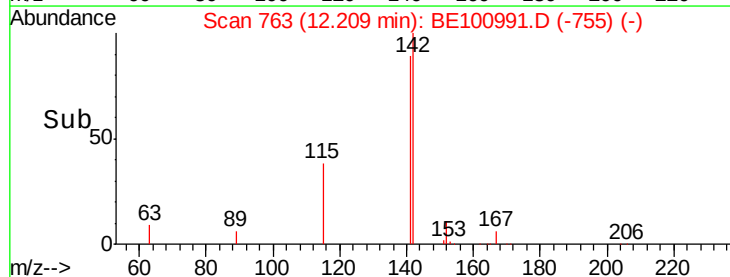
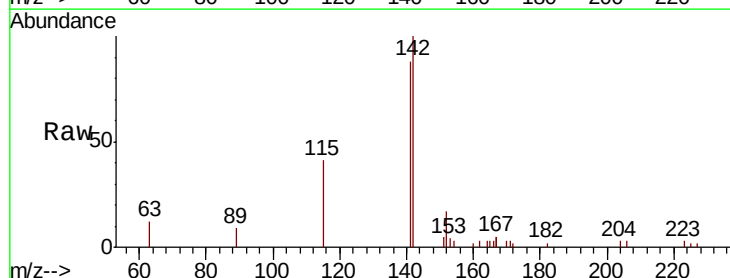
Tgt Ion:142 Resp: 6846

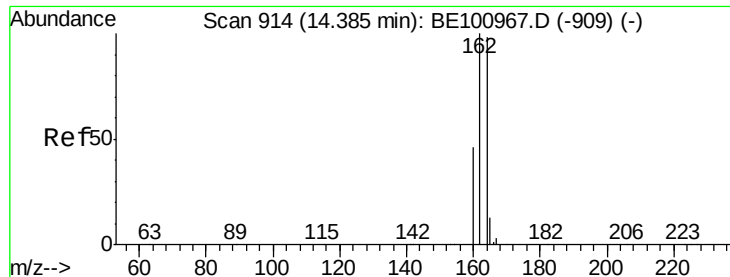
Ion Ratio Lower Upper

142 100

141 88.0 70.8 106.2

115 40.6 32.0 48.0

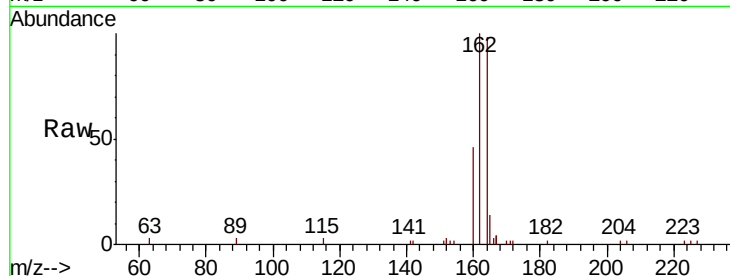




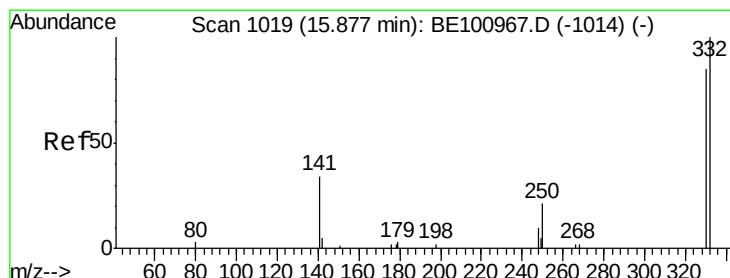
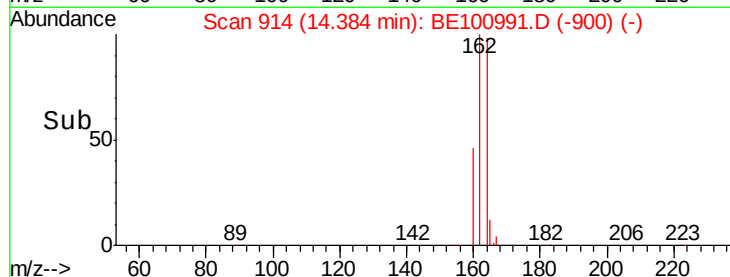
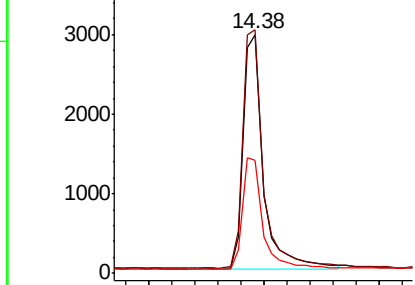
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tot Ion:164 Resp: 7210
Ion Ratio Lower Upper
164 100
162 102.0 81.6 122.4
160 47.3 37.7 56.5

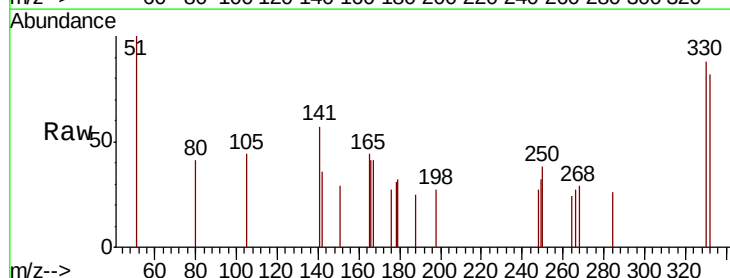


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

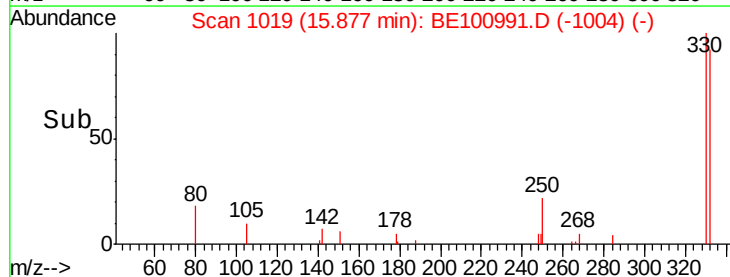
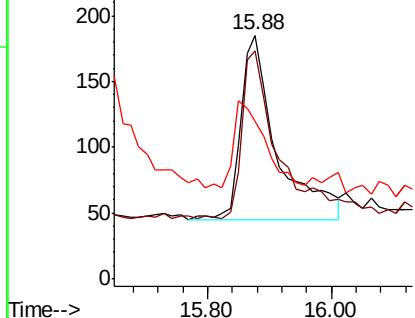


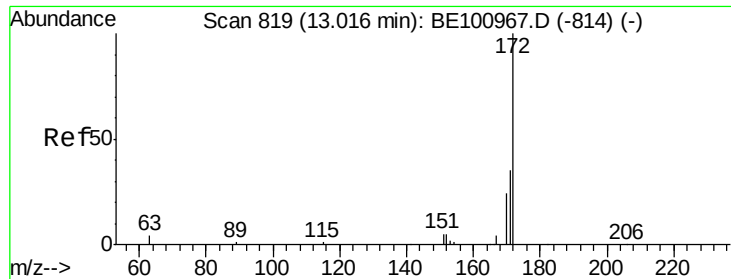
#14
2,4,6-Tribromophenol
Concen: 0.451 ng
RT: 15.88 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:330 Resp: 569
Ion Ratio Lower Upper
330 100
332 88.0 72.4 108.6
141 0.0 25.4 38.2#



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

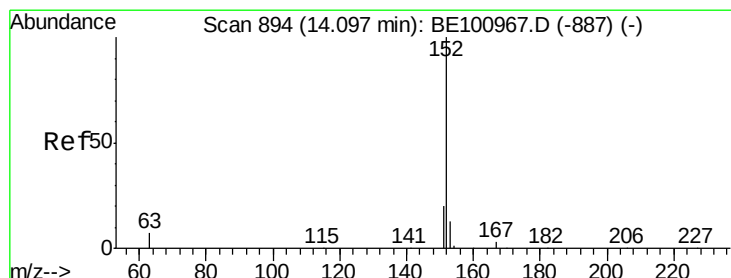
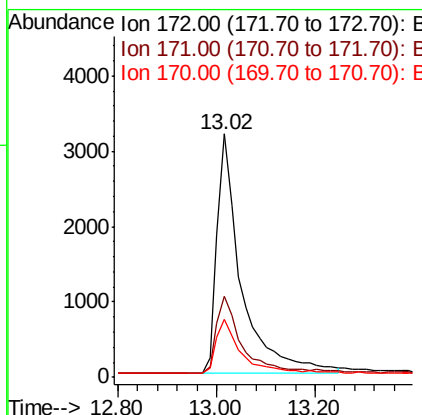
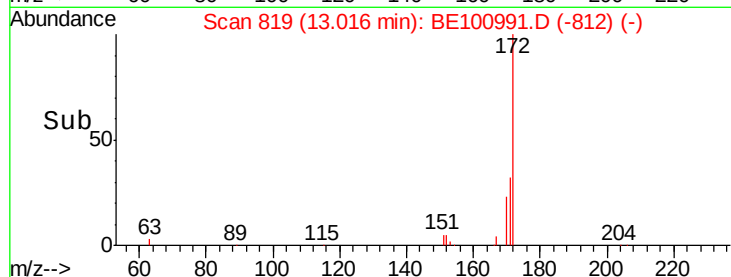
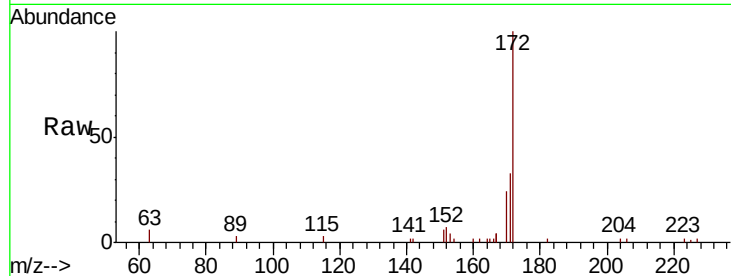




#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

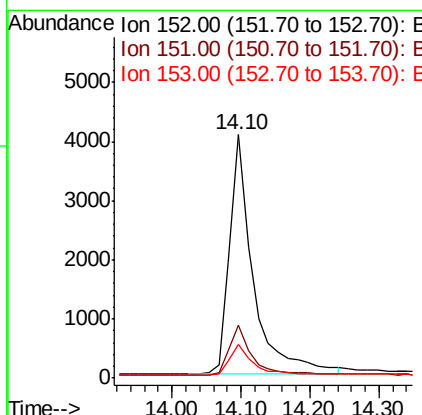
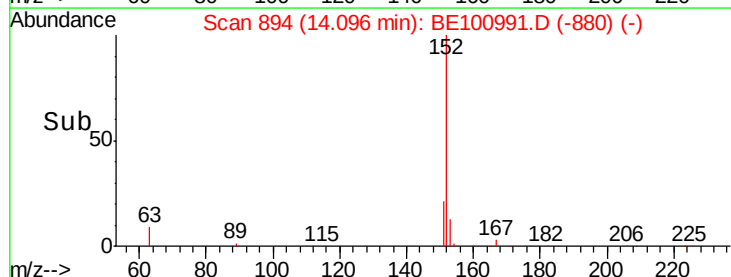
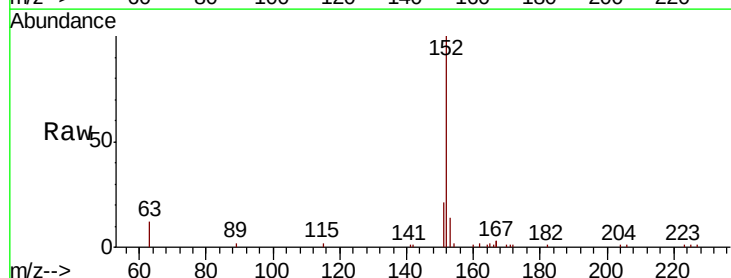
Instrument :
BNA_E
ClientSampleId :
PB125417BSD

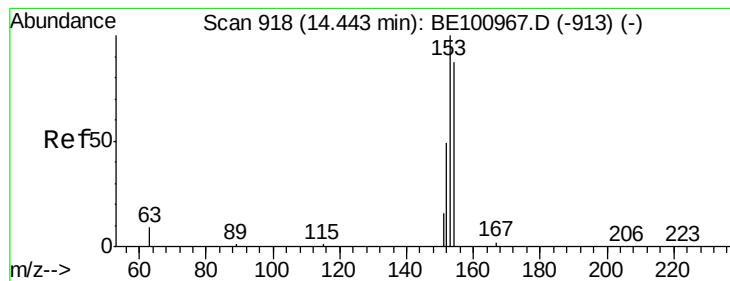
Tot Ion:172 Resp: 10914
Ion Ratio Lower Upper
172 100
171 33.5 29.0 43.6
170 23.7 20.0 30.0



#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:152 Resp: 9640
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 12.6 10.5 15.7





#17

Acenaphthene

Concen: 0.407 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.00 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

PB125417BSD

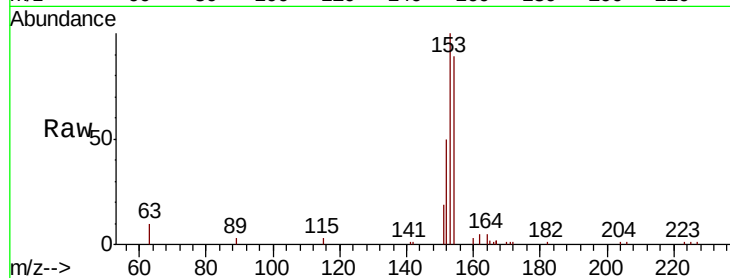
Tot Ion:154 Resp: 7974

Ion Ratio Lower Upper

154 100

153 115.3 91.7 137.5

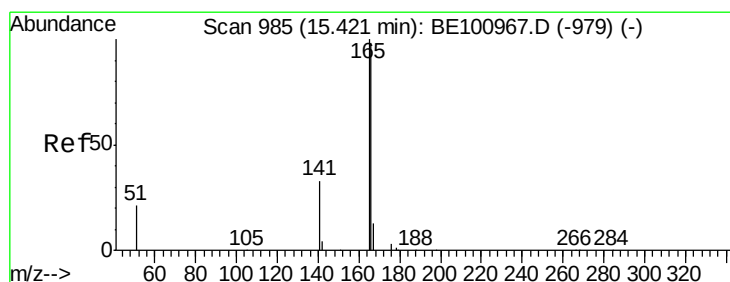
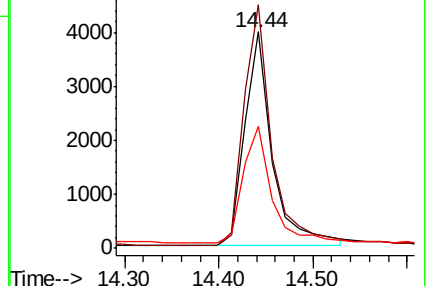
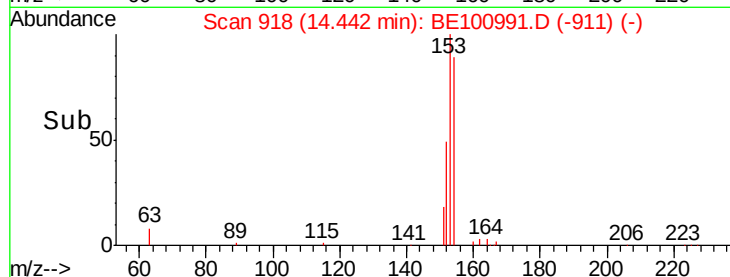
152 57.4 44.5 66.7



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: 0.411 ng

RT: 15.42 min Scan# 985

Delta R.T. 0.00 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

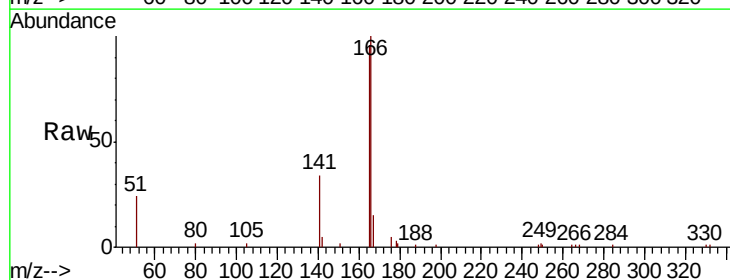
Tgt Ion:166 Resp: 10037

Ion Ratio Lower Upper

166 100

165 98.5 79.4 119.0

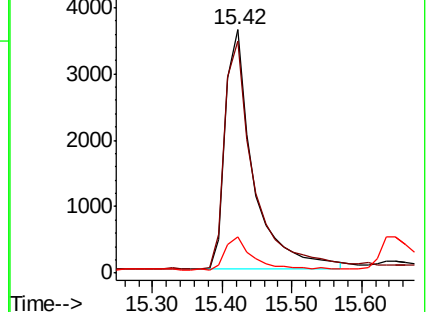
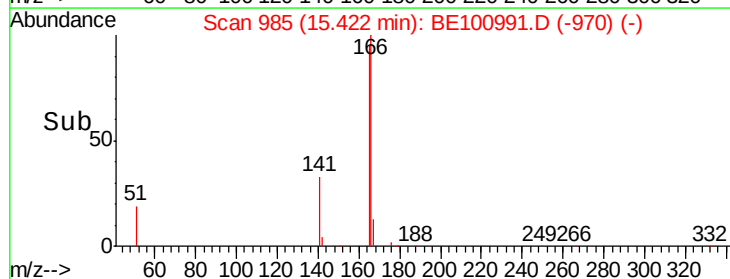
167 13.6 10.6 15.8

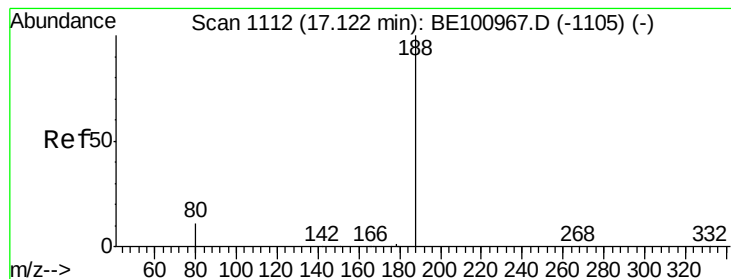


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.11 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

PB125417BSD

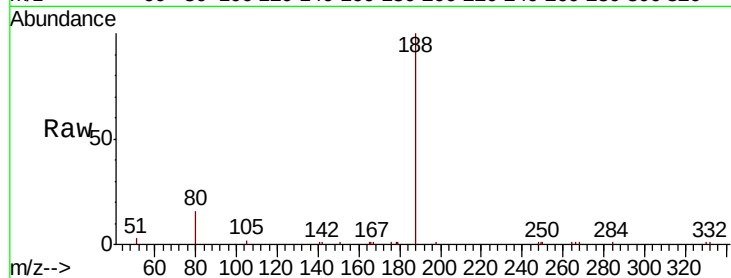
Tot Ion:188 Resp: 16451

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

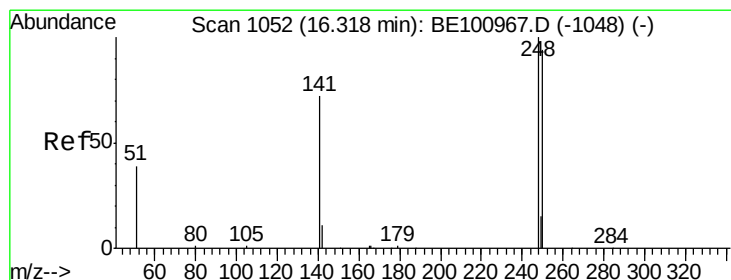
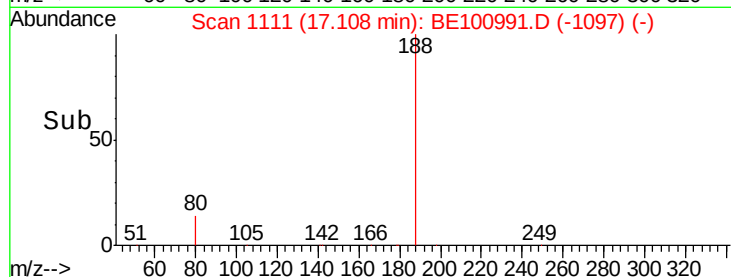
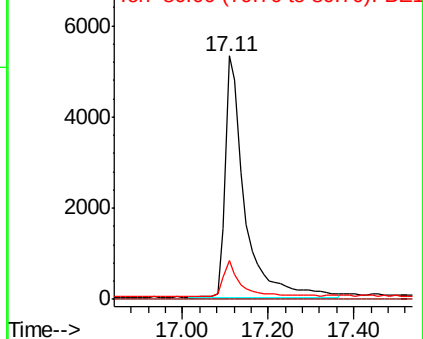
80 15.7 9.7 14.5#



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: 0.365 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

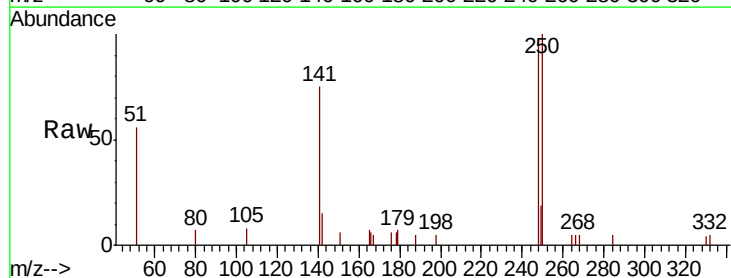
Tgt Ion:248 Resp: 2639

Ion Ratio Lower Upper

248 100

250 103.4 76.0 114.0

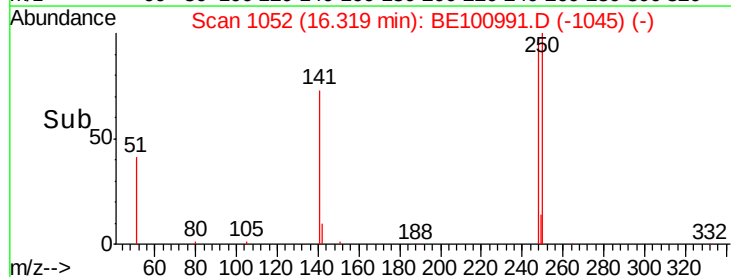
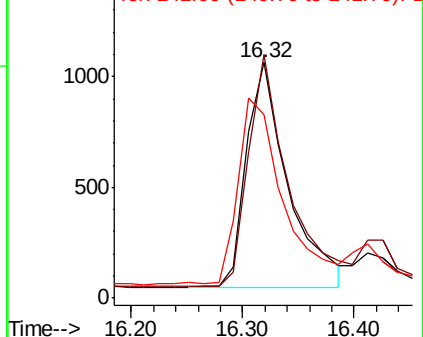
141 77.8 61.0 91.6

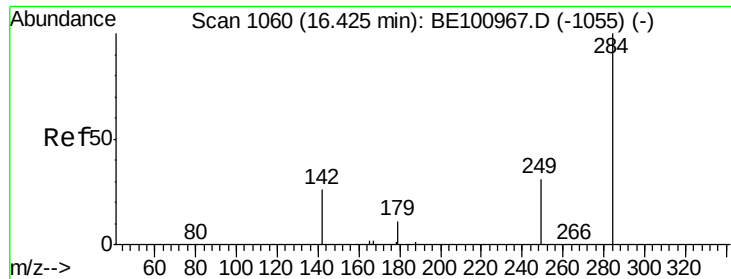


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

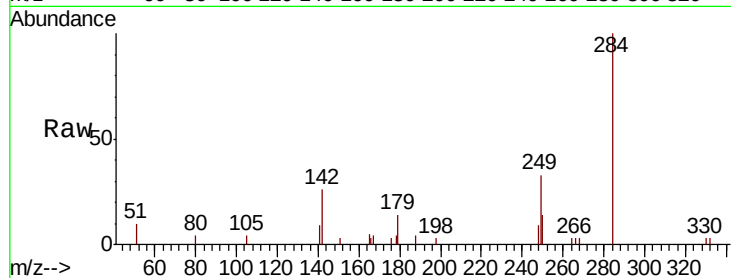




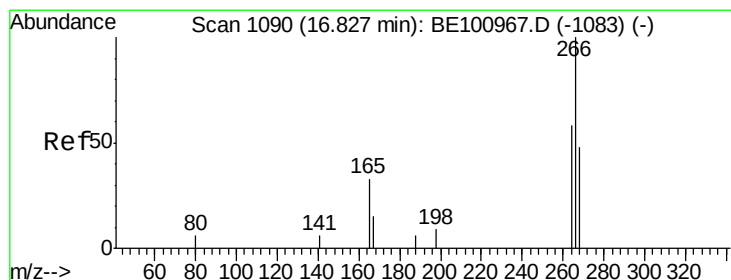
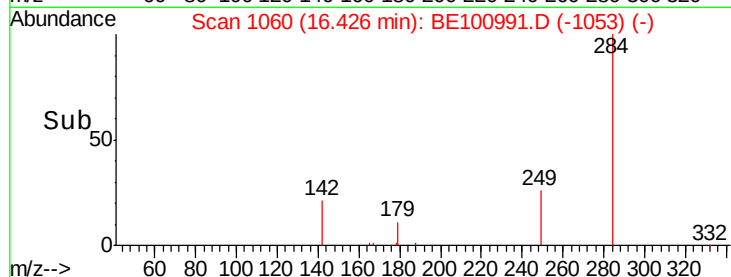
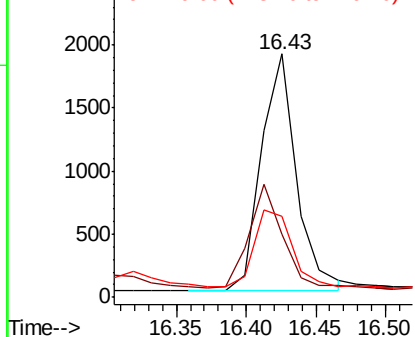
#21
Hexachlorobenzene
Concen: 0.387 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Instrument :
BNA_E
ClientSampleId :
PB125417BSD

Tot Ion:284 Resp: 3301
Ion Ratio Lower Upper
284 100
142 41.5 33.3 49.9
249 34.2 27.2 40.8

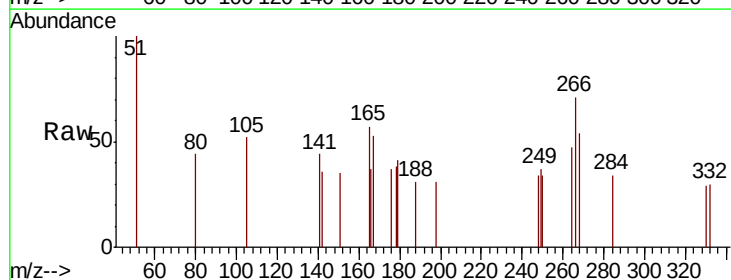


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

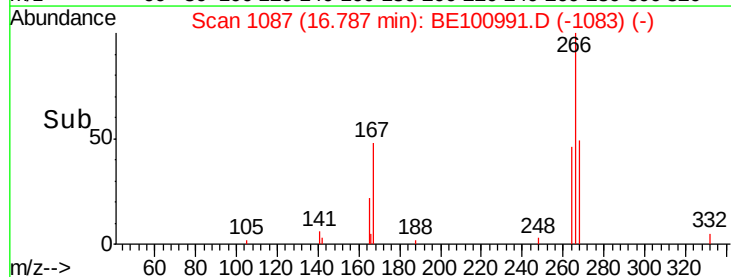
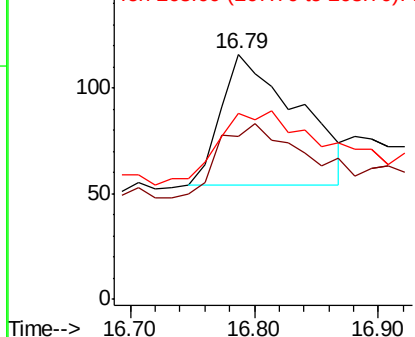


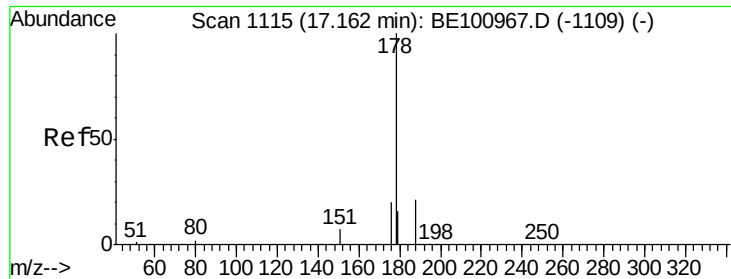
#22
Pentachlorophenol
Concen: 0.357 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.04 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:266 Resp: 267
Ion Ratio Lower Upper
266 100
264 66.4 62.3 93.5
268 75.9 66.1 99.1



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: 0.396 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

PB125417BSD

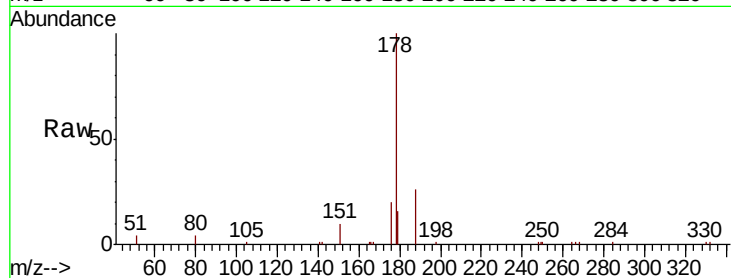
Tot Ion:178 Resp: 16771

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

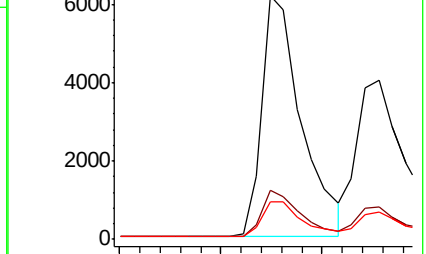
179 15.1 12.6 18.8



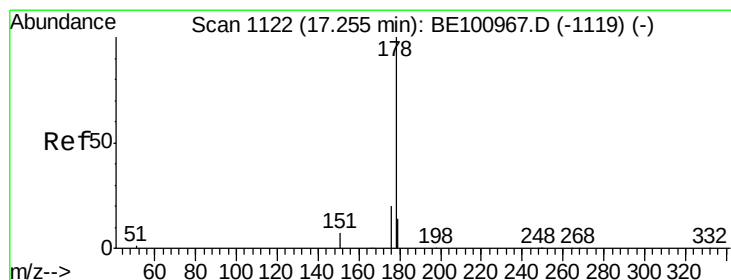
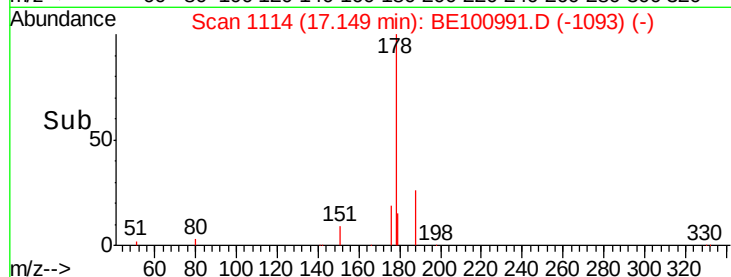
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.227 ng

RT: 17.26 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

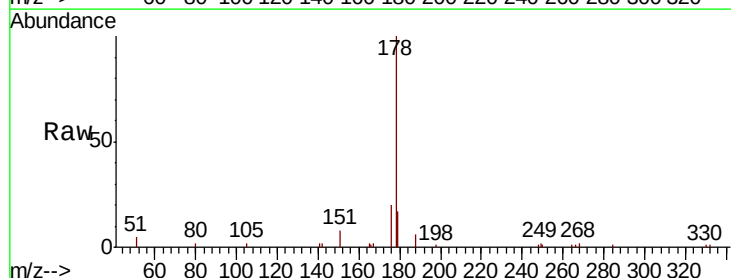
Tgt Ion:178 Resp: 9754

Ion Ratio Lower Upper

178 100

176 17.7 15.0 22.4

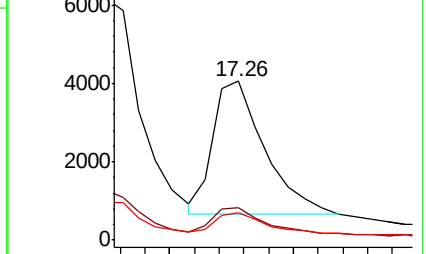
179 14.9 12.5 18.7



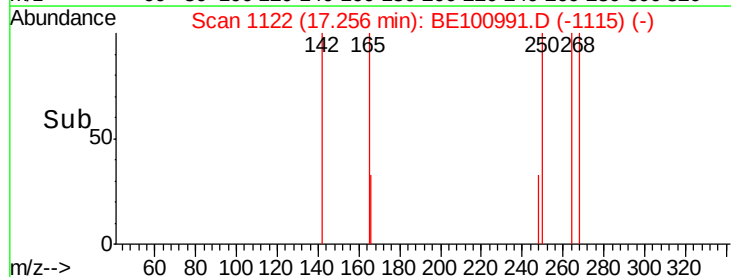
Abundance Ion 178.00 (177.70 to 178.70): E

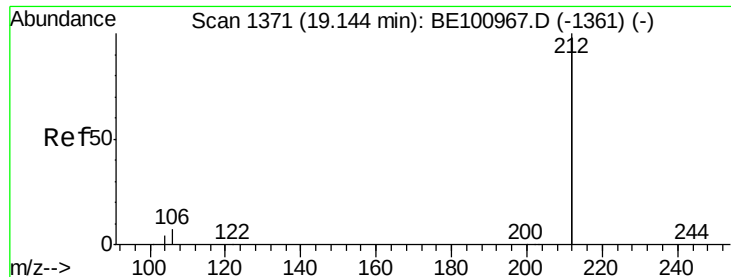
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 19.14 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

PB125417BSD

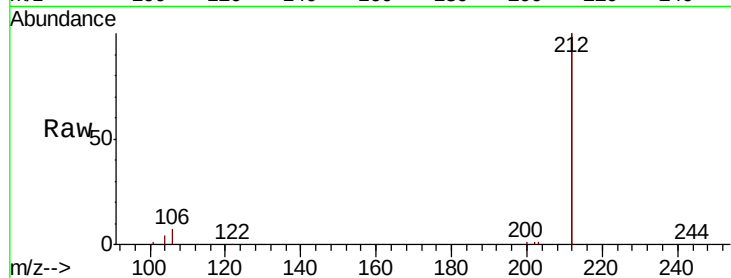
Tot Ion:212 Resp: 75943

Ion Ratio Lower Upper

212 100

106 3.4 2.4 3.6

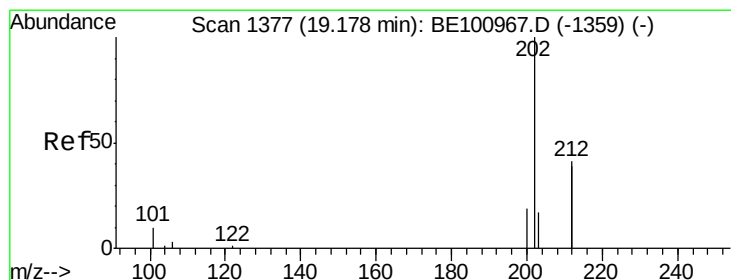
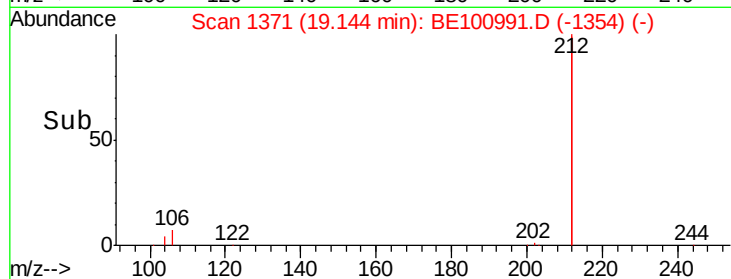
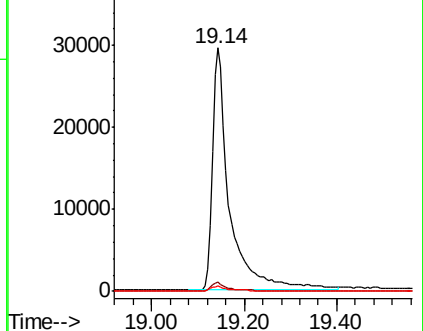
104 1.7 1.4 2.0



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: 0.369 ng

RT: 19.17 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

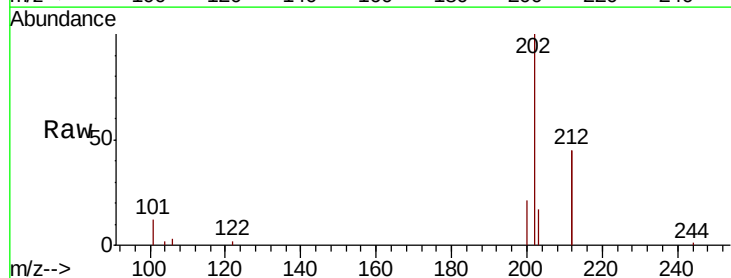
Tgt Ion:202 Resp: 21355

Ion Ratio Lower Upper

202 100

101 12.0 9.0 13.4

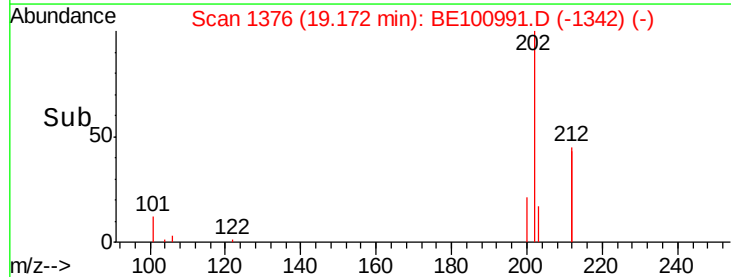
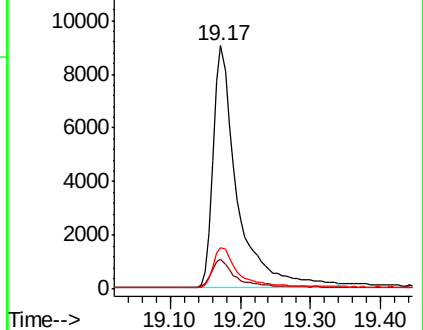
203 16.8 13.2 19.8

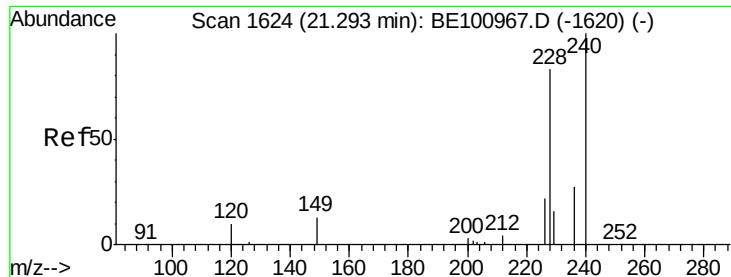


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

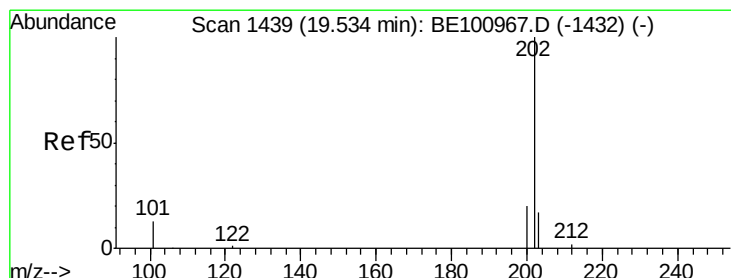
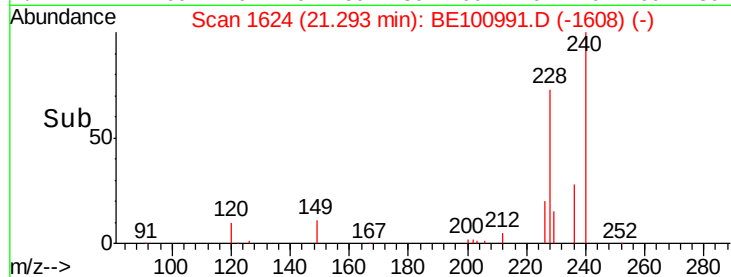
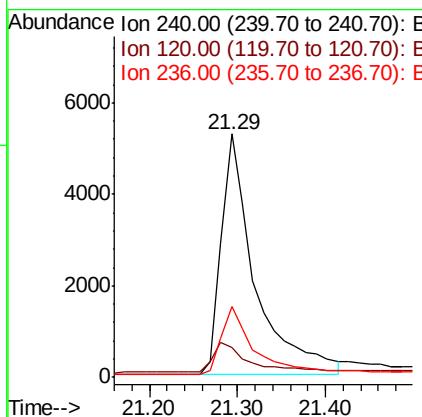
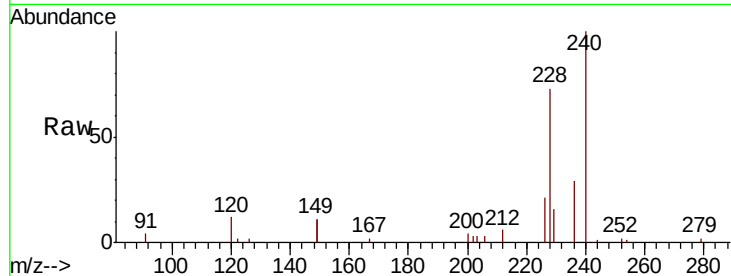




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

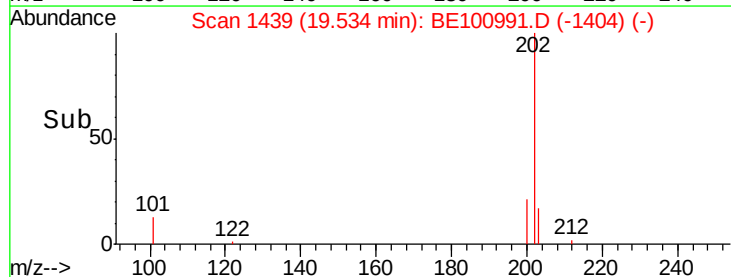
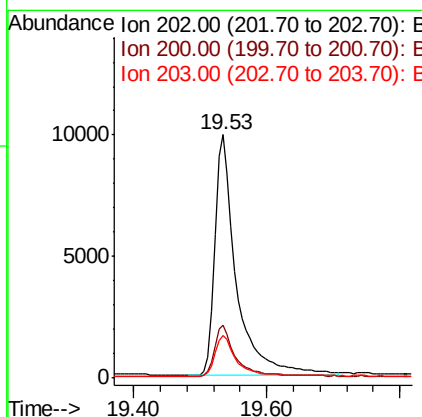
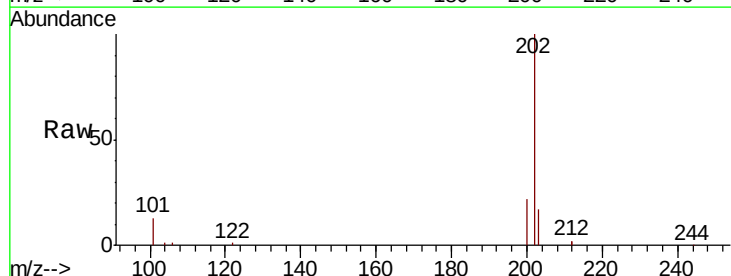
Instrument :
BNA_E
ClientSampleId :
PB125417BSD

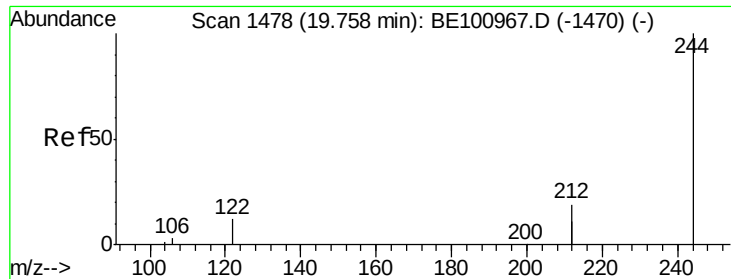
Tot Ion:240 Resp: 14149
Ion Ratio Lower Upper
240 100
120 12.2 10.2 15.4
236 29.2 22.6 34.0



#28
Pyrene
Concen: 0.450 ng
RT: 19.53 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BE100991.D
Acq: 27 Dec 2019 13:46

Tgt Ion:202 Resp: 22250
Ion Ratio Lower Upper
202 100
200 21.1 16.6 25.0
203 17.1 13.8 20.6





#29

Terphenyl-d14

Concen: 0.456 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

PB125417BSD

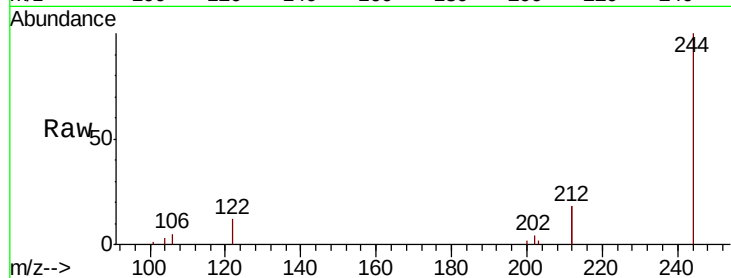
Tot Ion:244 Resp: 14817

Ion Ratio Lower Upper

244 100

212 35.5 29.3 43.9

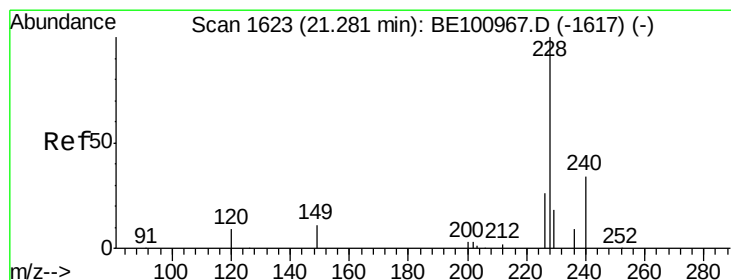
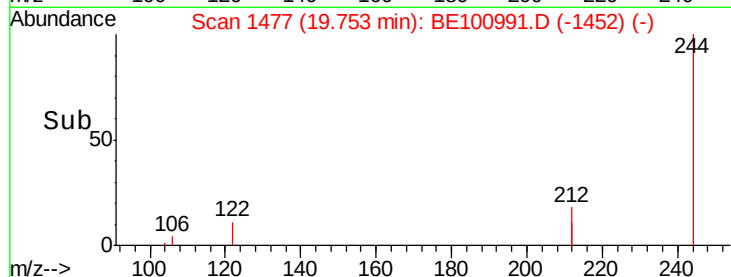
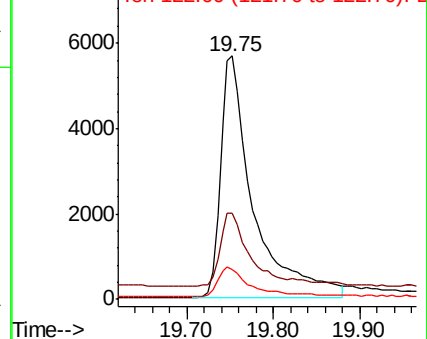
122 12.3 10.2 15.4



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: 0.405 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

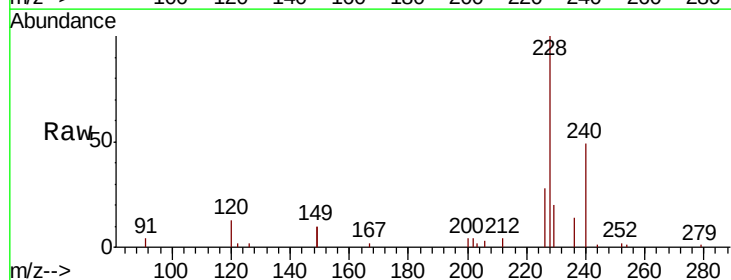
Tgt Ion:228 Resp: 14022

Ion Ratio Lower Upper

228 100

226 28.0 21.8 32.6

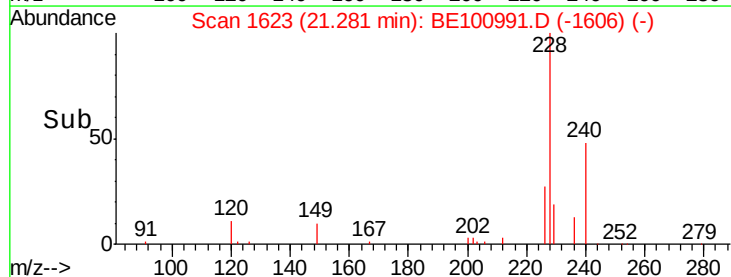
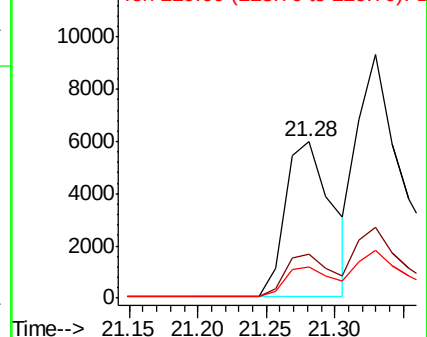
229 20.1 15.4 23.0

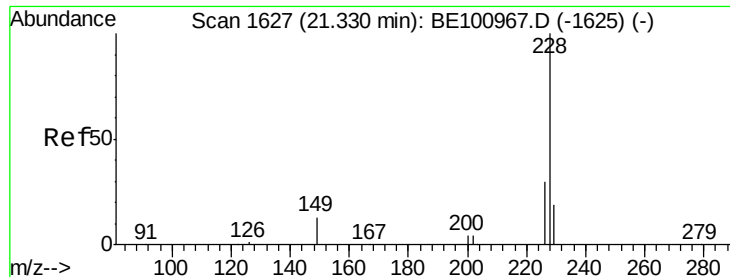


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.288 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

PB125417BSD

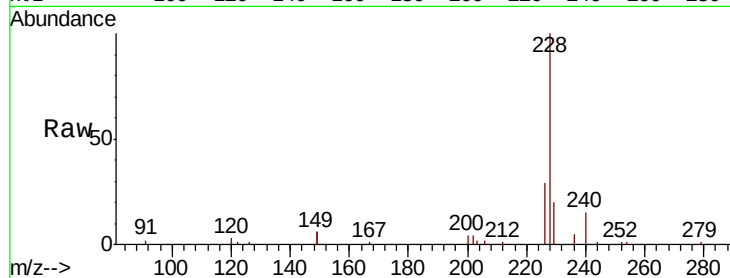
Tot Ion:228 Resp: 18573

Ion Ratio Lower Upper

228 100

226 29.0 23.6 35.4

229 19.8 15.7 23.5

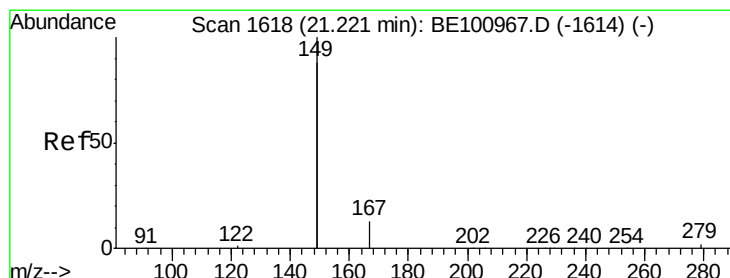
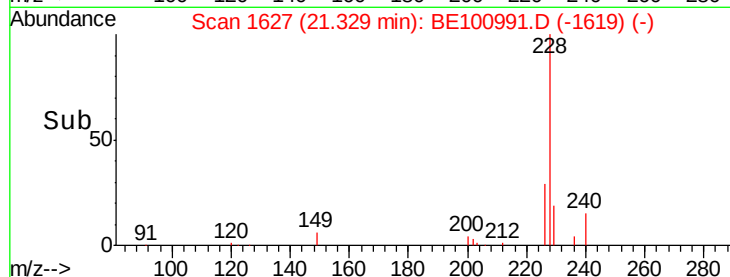
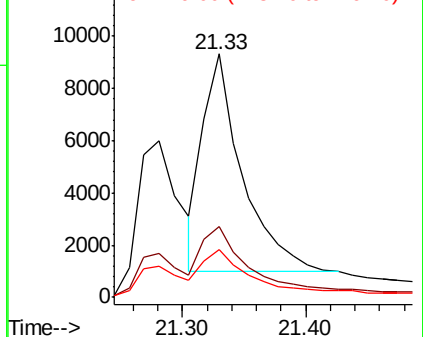


Abundance

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: 0.383 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

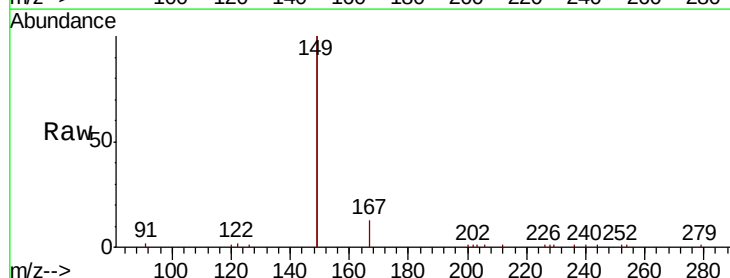
Tgt Ion:149 Resp: 23529

Ion Ratio Lower Upper

149 100

167 6.5 5.1 7.7

279 0.9 0.6 1.0

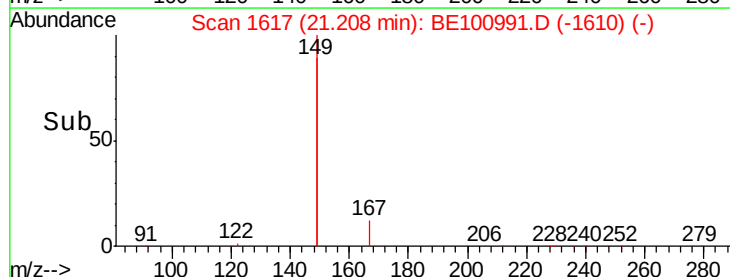
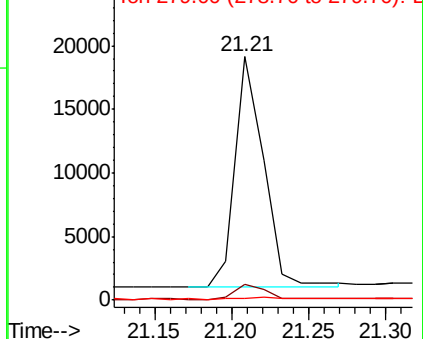


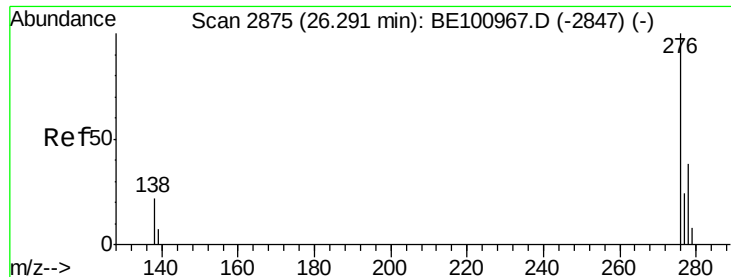
Abundance

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

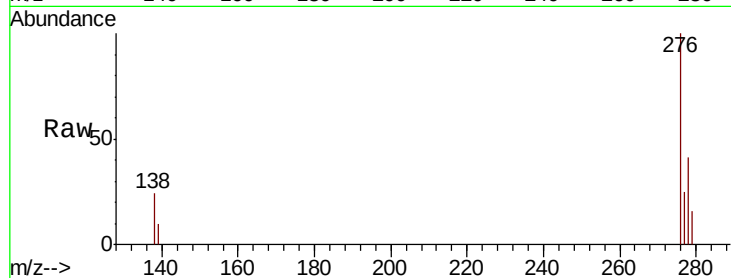




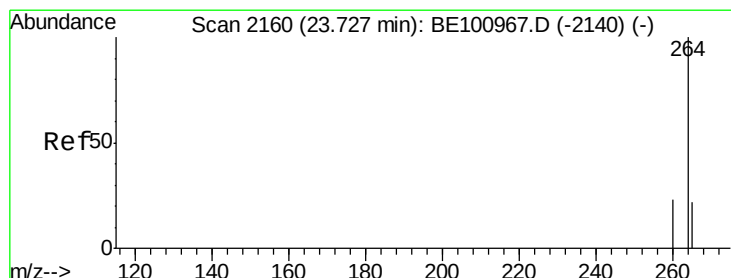
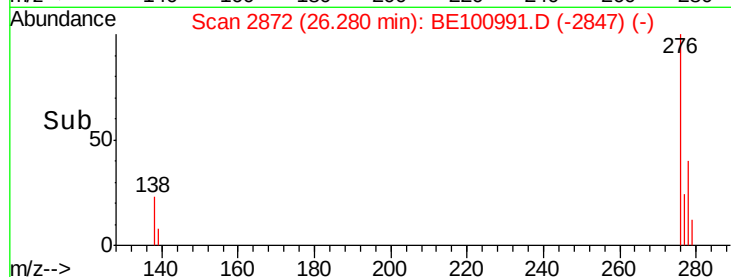
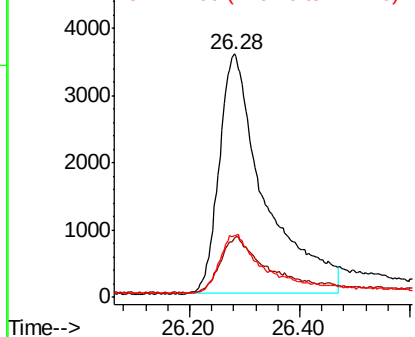
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.421 ng
 RT: 26.28 min Scan# 2872
 Delta R.T. -0.01 min
 Lab File: BE100991.D
 Acq: 27 Dec 2019 13:46

Instrument :
 BNA_E
 ClientSampleId :
 PB125417BSD

Tot Ion:276 Resp: 20454
 Ion Ratio Lower Upper
 276 100
 138 22.4 14.8 22.2#
 277 20.3 18.0 27.0

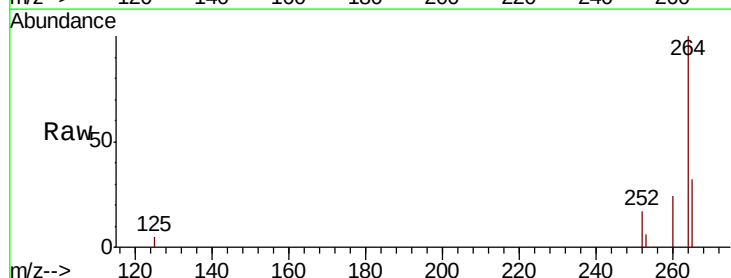


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

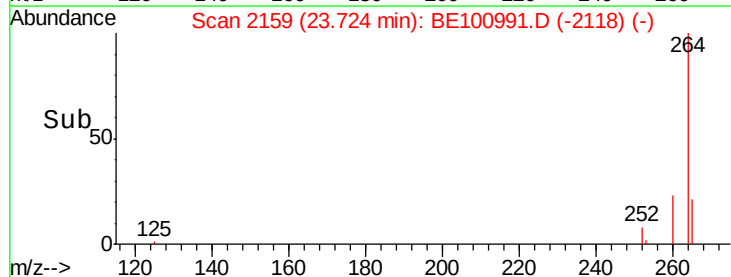
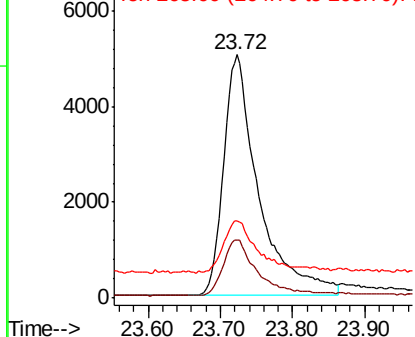


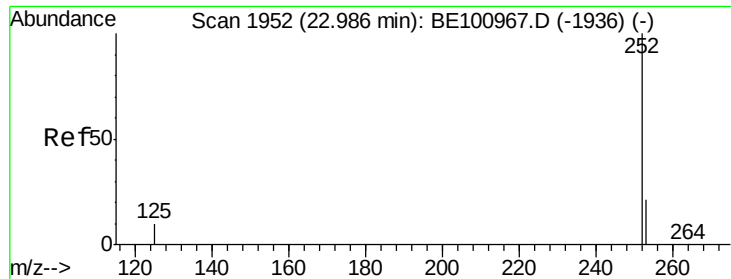
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.72 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BE100991.D
 Acq: 27 Dec 2019 13:46

Tgt Ion:264 Resp: 16806
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 31.8 26.6 40.0



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: 0.430 ng

RT: 22.98 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

PB125417BSD

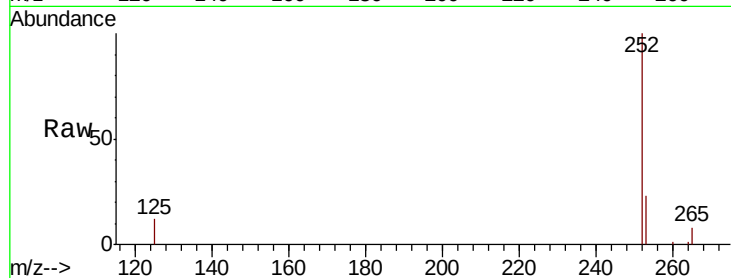
Tot Ion:252 Resp: 15204

Ion Ratio Lower Upper

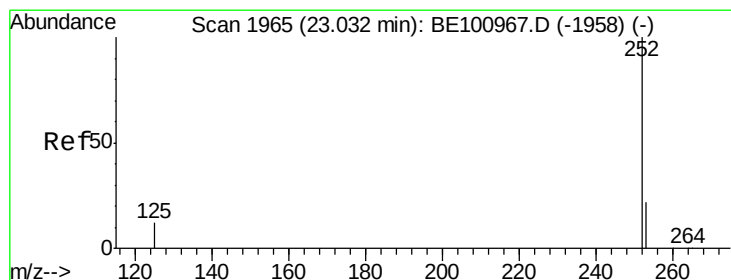
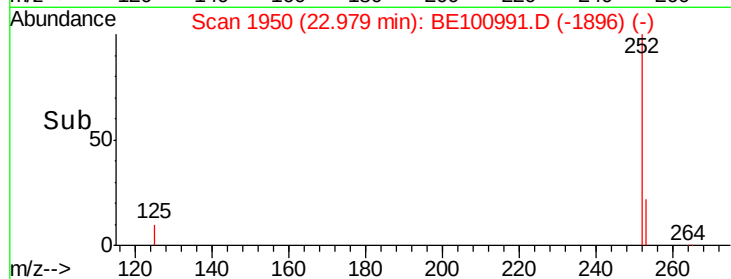
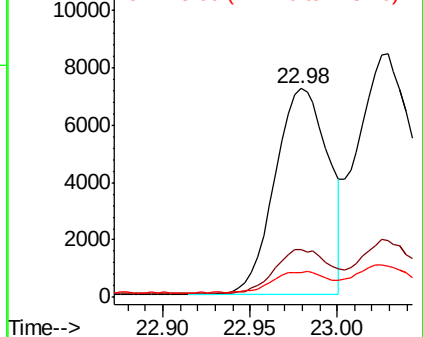
252 100

253 23.0 18.2 27.4

125 12.1 9.7 14.5



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: 0.349 ng

RT: 23.03 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

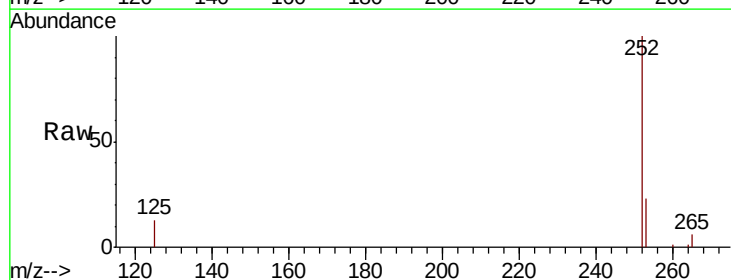
Tgt Ion:252 Resp: 23427

Ion Ratio Lower Upper

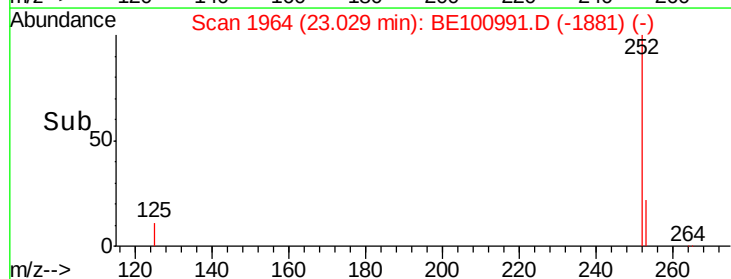
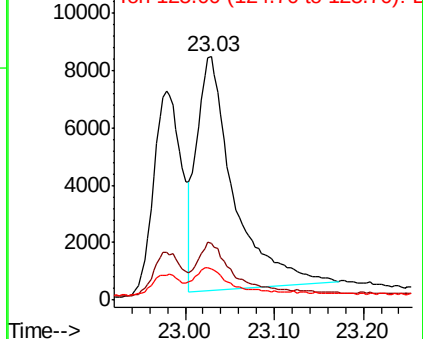
252 100

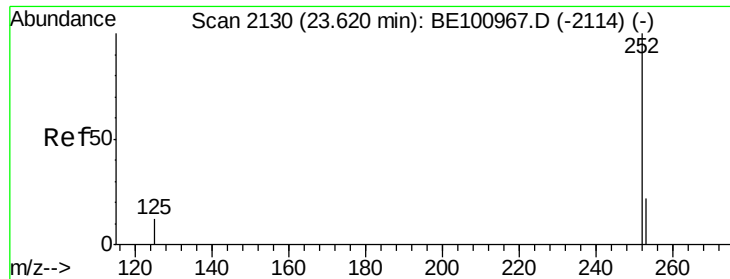
253 23.4 18.9 28.3

125 12.7 11.2 16.8



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: 0.403 ng

RT: 23.61 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

PB125417BSD

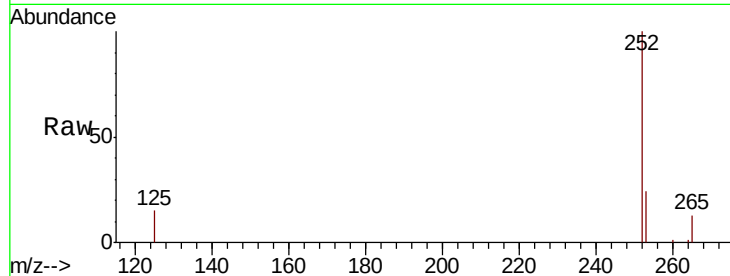
Tot Ion:252 Resp: 16654

Ion Ratio Lower Upper

252 100

253 23.6 20.1 30.1

125 14.5 12.6 18.8

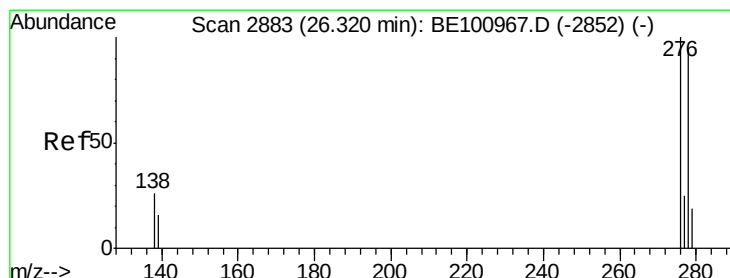
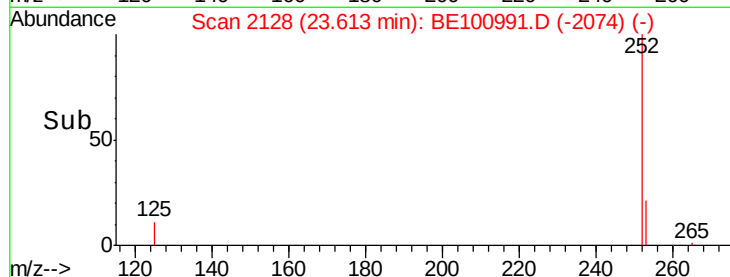
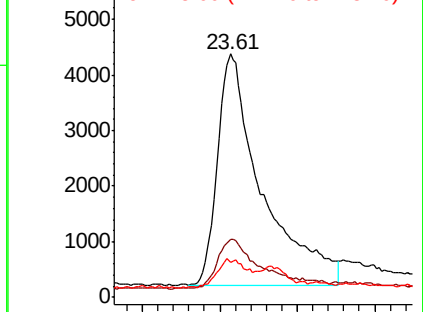


Abundance

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



#38

Dibenzo(a,h)anthracene

Concen: 0.410 ng

RT: 26.31 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

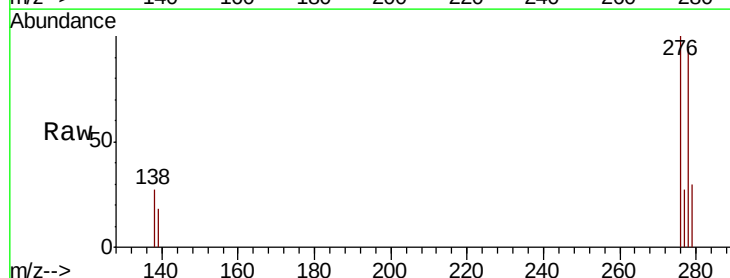
Tgt Ion:278 Resp: 15342

Ion Ratio Lower Upper

278 100

139 19.2 16.4 24.6

279 31.8 19.3 28.9#

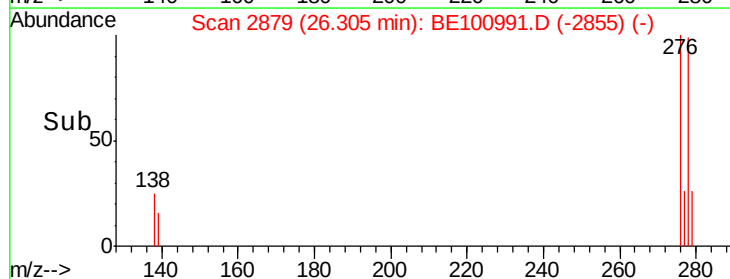
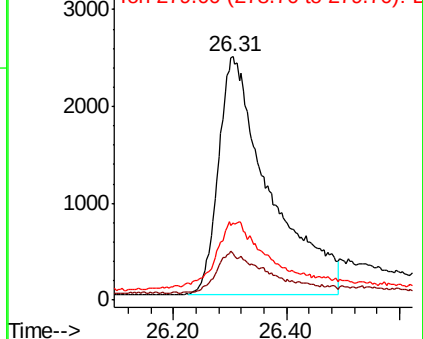


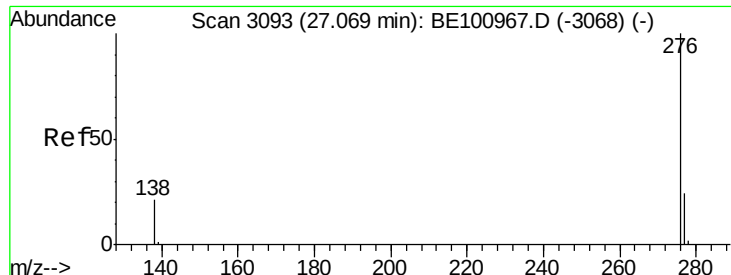
Abundance

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: 0.445 ng

RT: 27.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BE100991.D

Acq: 27 Dec 2019 13:46

Instrument :

BNA_E

ClientSampleId :

PB125417BSD

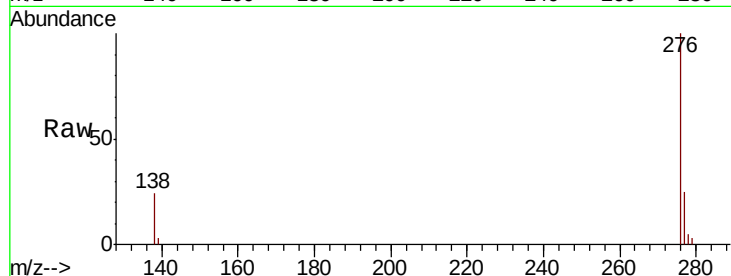
Tot Ion: 276 Resp: 19636

Ion Ratio Lower Upper

276 100

277 24.9 20.0 30.0

138 24.1 18.6 27.8



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

