

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100331.D
 Acq On : 3 Jul 2019 16:34
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 04 00:36:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	698	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	2521	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2028	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6100	0.40	ng	0.00
27) Chrysene-d12	21.25	240	7112	0.40	ng	0.00
34) Perylene-d12	23.67	264	8527	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	638	0.36	ng	-0.01
5) Phenol-d6	6.83	99	901	0.38	ng	-0.01
8) Nitrobenzene-d5	8.81	82	1003	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2049	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	15.82	330	488	0.34	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	3234	0.41	ng	0.00
25) Fluoranthene-d10	19.09	212	34851	0.39	ng	0.00
29) Terphenyl-d14	19.70	244	8223	0.56	ng	0.00

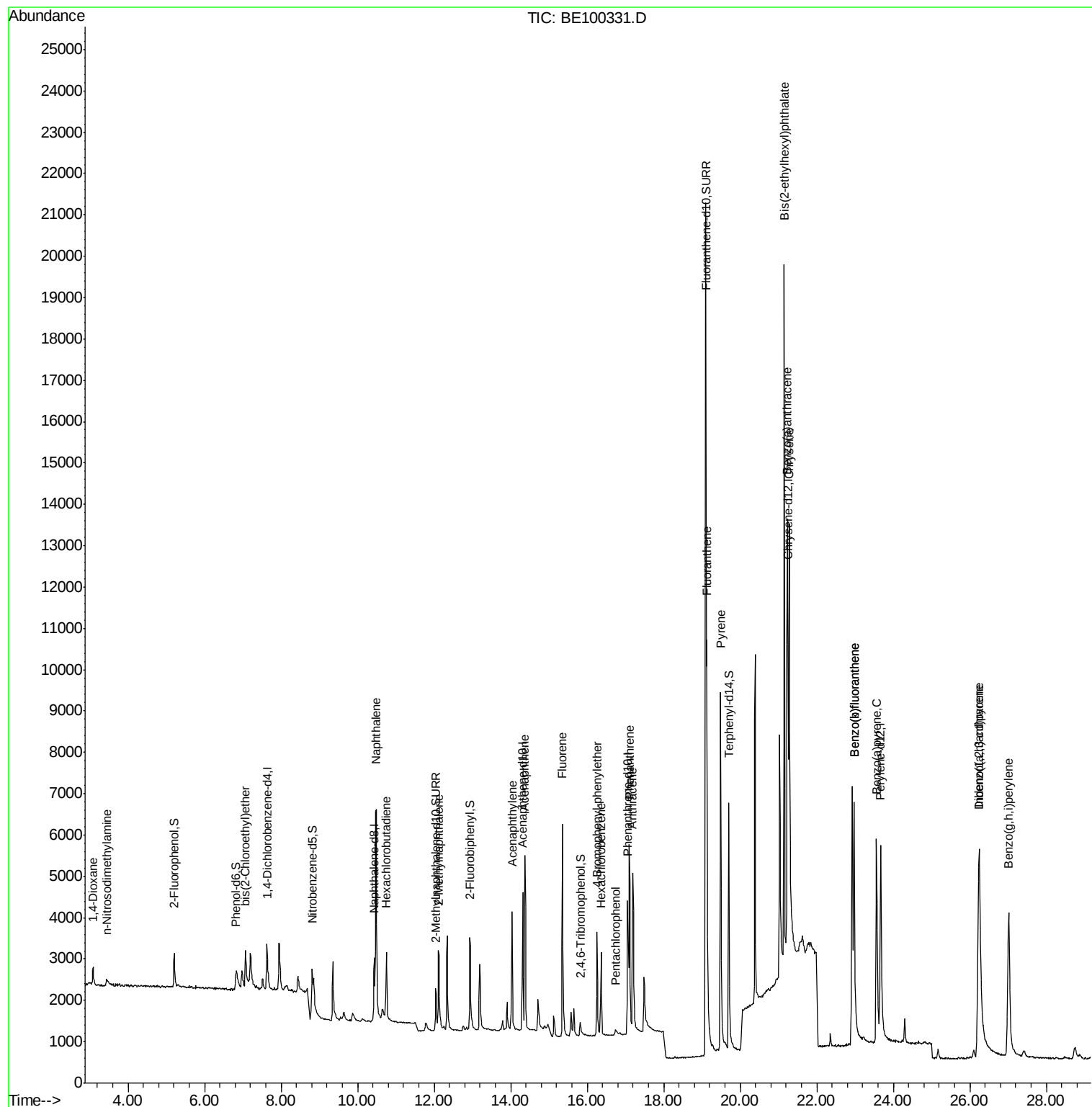
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	380	0.351	ng	# 95
3) n-Nitrosodimethylamine	3.44	42	219	0.434	ng	# 66
6) bis(2-Chloroethyl)ether	7.07	93	853	0.443	ng	95
9) Naphthalene	10.48	128	11686	0.420	ng	99
10) Hexachlorobutadiene	10.74	225	1255	0.469	ng	97
12) 2-Methylnaphthalene	12.11	142	1907	0.391	ng	97
16) Acenaphthylene	14.04	152	4143	0.426	ng	99
17) Acenaphthene	14.37	154	2349	0.426	ng	99
18) Fluorene	15.35	166	3442	0.422	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	1722	0.442	ng	# 88
21) Hexachlorobenzene	16.36	284	1795	0.444	ng	97
22) Pentachlorophenol	16.73	266	235	0.193	ng	88
23) Phenanthrene	17.09	178	6052	0.409	ng	100
24) Anthracene	17.19	178	5266	0.396	ng	99
26) Fluoranthene	19.13	202	9662	0.410	ng	99
28) Pyrene	19.49	202	10027	0.533	ng	97
30) Benzo(a)anthracene	21.23	228	9815	0.420	ng	99
31) Chrysene	21.28	228	10156	0.433	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	17025	0.458	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	12047	0.388	ng	97
35) Benzo(b)fluoranthene	22.97	252	10768	0.466	ng	98
36) Benzo(k)fluoranthene	22.97	252	10768	0.417	ng	# 95
37) Benzo(a)pyrene	23.56	252	9791	0.423	ng	# 90
38) Dibenzo(a,h)anthracene	26.26	278	9053	0.374	ng	94
39) Benzo(g,h,i)perylene	27.02	276	10655	0.429	ng	96

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

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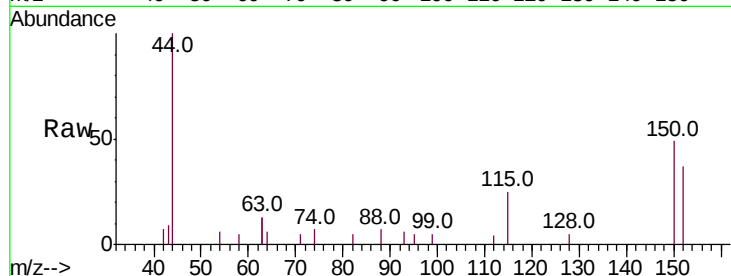


#1

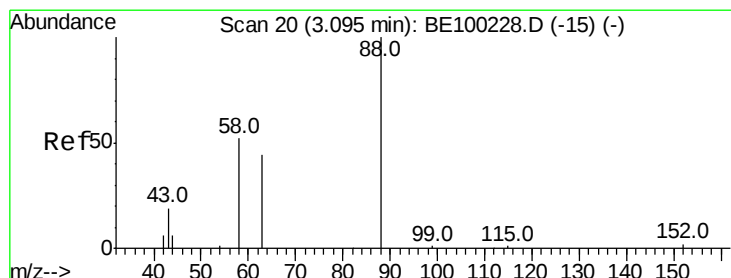
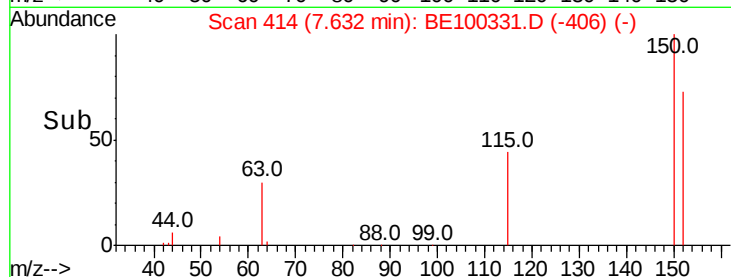
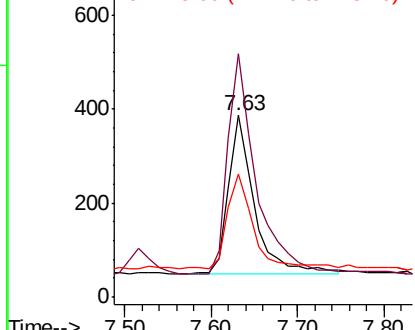
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 698
Ion Ratio Lower Upper
152 100
150 134.2 114.5 171.7
115 67.6 57.1 85.7



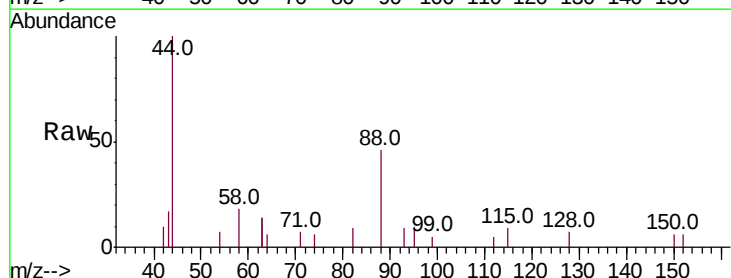
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



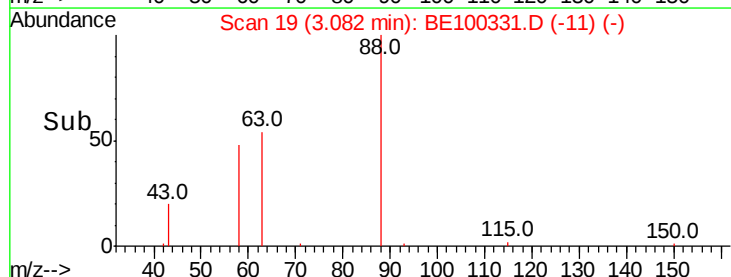
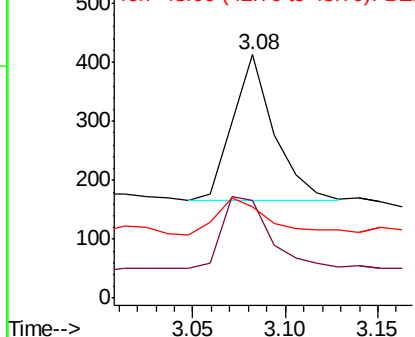
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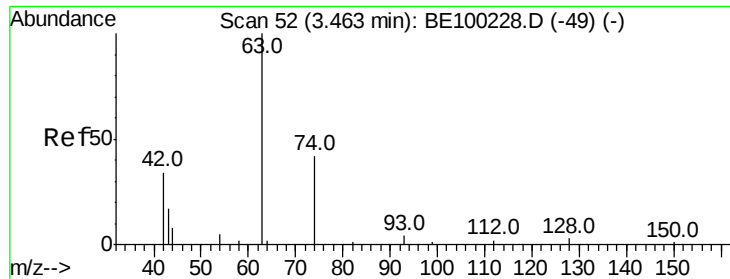
1,4-Dioxane
Concen: 0.351 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion: 88 Resp: 380
Ion Ratio Lower Upper
88 100
58 56.3 43.6 65.4
43 32.6 21.4 32.0#



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



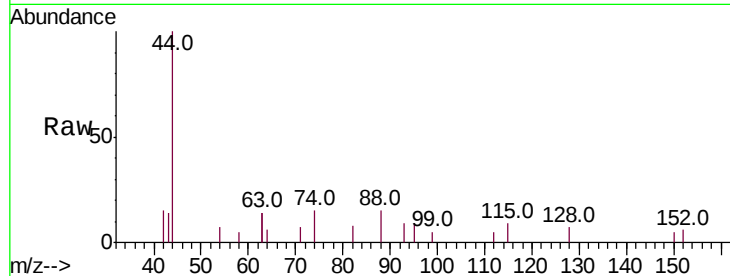


#3

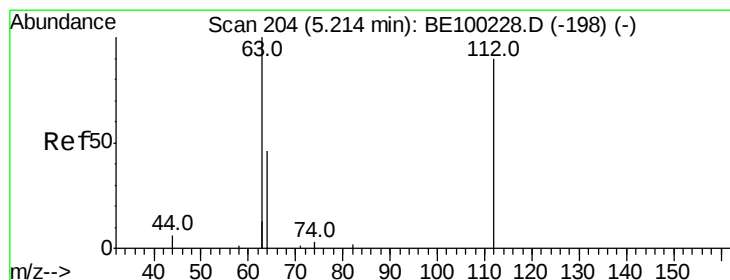
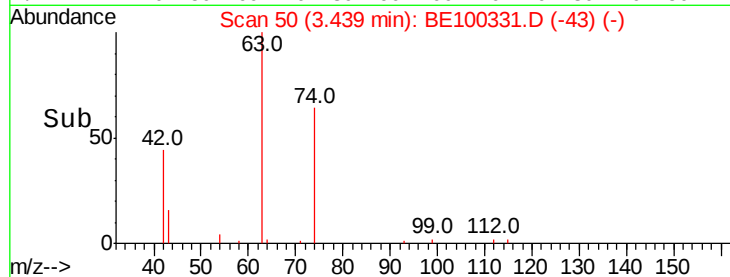
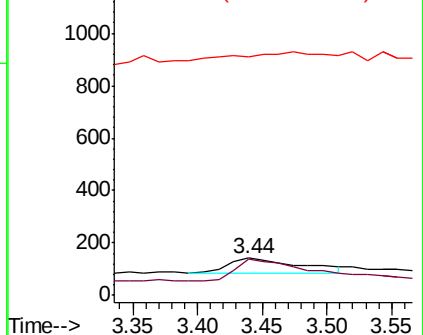
n-Nitrosodimethylamine
 Concen: 0.434 ng
 RT: 3.44 min Scan# 50
 Delta R.T. -0.02 min
 Lab File: BE100331.D
 Acq: 3 Jul 2019 16:34

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 219
 Ion Ratio Lower Upper
 42 100
 74 132.0 130.6 196.0
 44 0.0 38.0 57.0#



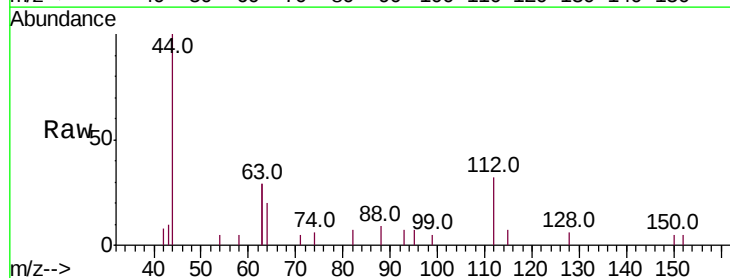
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



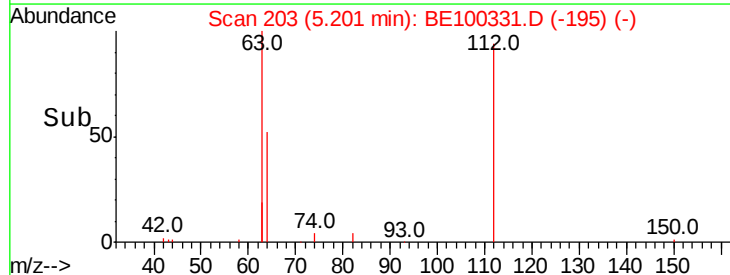
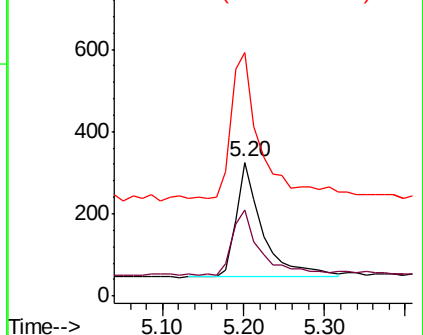
#4

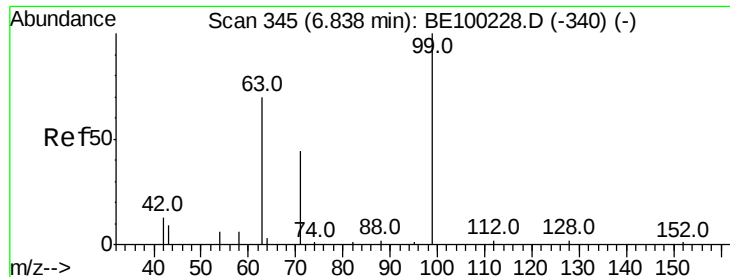
2-Fluorophenol
 Concen: 0.358 ng
 RT: 5.20 min Scan# 203
 Delta R.T. -0.01 min
 Lab File: BE100331.D
 Acq: 3 Jul 2019 16:34

Tgt Ion: 112 Resp: 638
 Ion Ratio Lower Upper
 112 100
 64 58.9 39.4 59.0
 63 148.7 104.5 156.7



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: 0.385 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

Instrument :

BNA_E

ClientSampled :

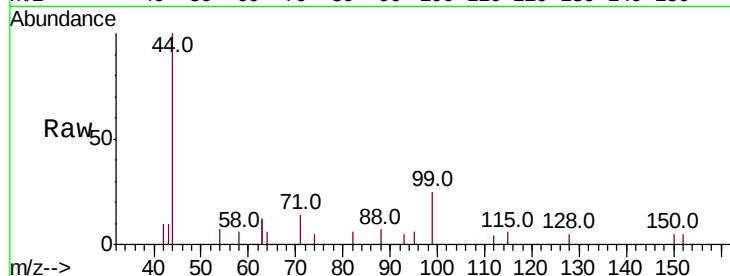
Tot Ion: 99 Resp: 901

Ion Ratio Lower Upper

99 100

42 17.4 11.2 16.8#

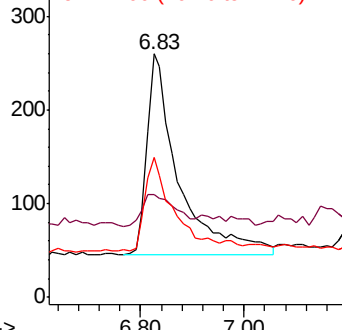
71 42.5 37.2 55.8



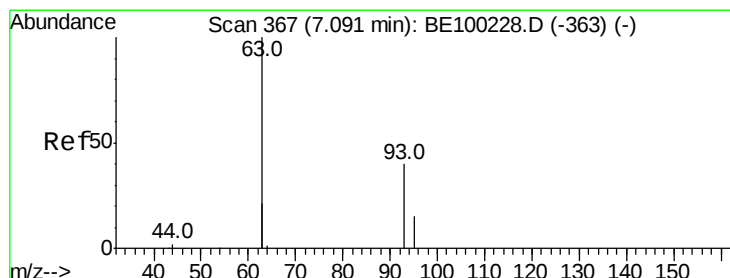
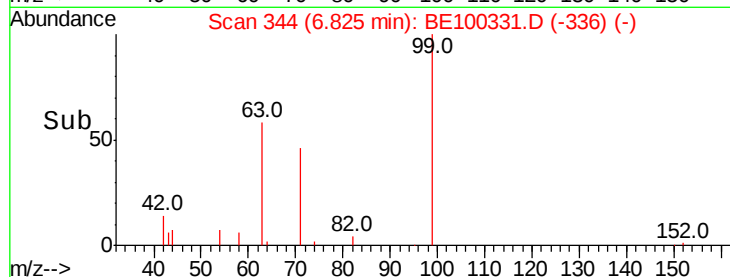
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.443 ng

RT: 7.07 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

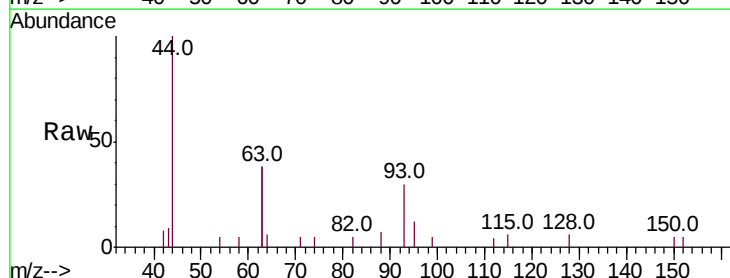
Tgt Ion: 93 Resp: 853

Ion Ratio Lower Upper

93 100

63 187.1 155.6 233.4

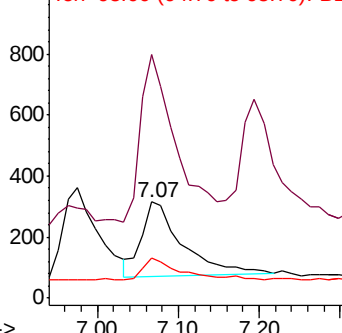
95 27.7 23.0 34.4



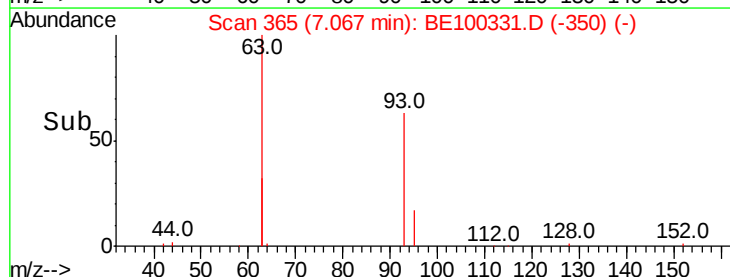
Abundance Ion 93.00 (92.70 to 93.70): BE1

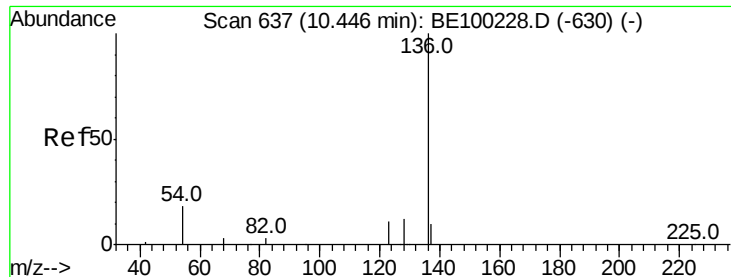
Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2521

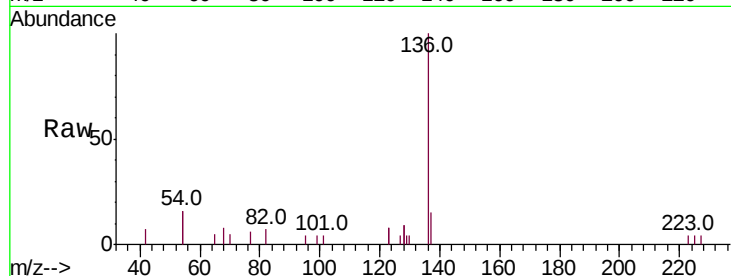
Ion Ratio Lower Upper

136 100

137 14.6 11.8 17.8

54 32.2 27.7 41.5

68 7.7 6.8 10.2

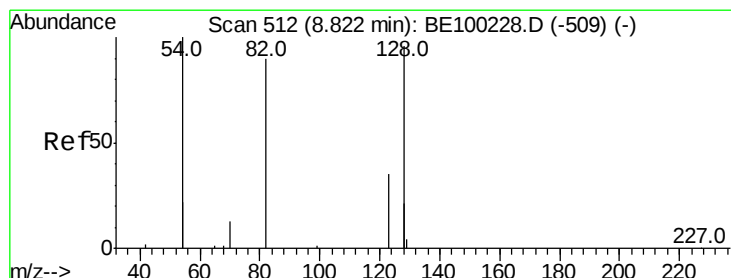
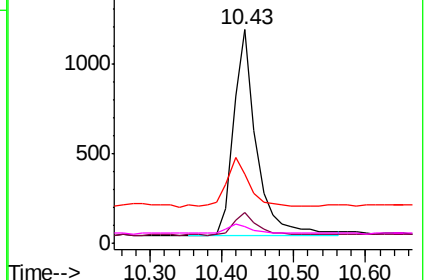
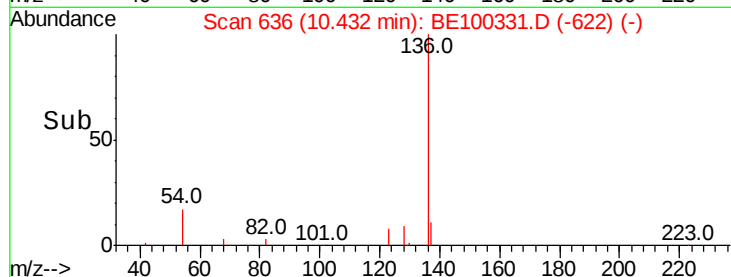


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

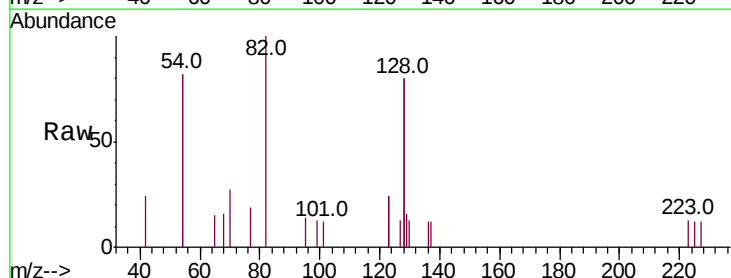
Tgt Ion: 82 Resp: 1003

Ion Ratio Lower Upper

82 100

128 159.7 140.9 211.3

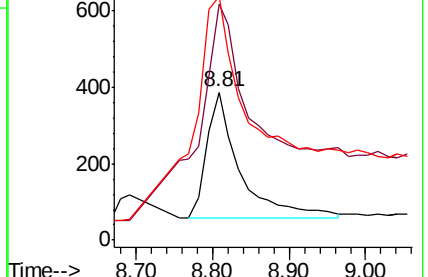
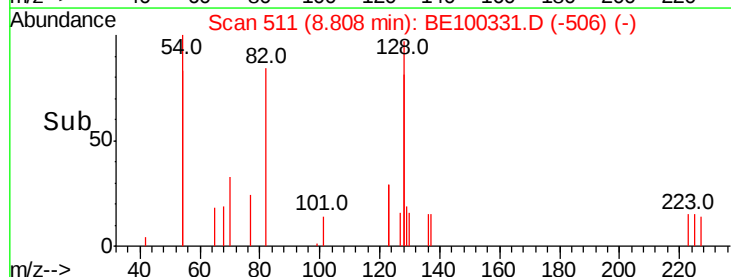
54 164.9 146.2 219.2

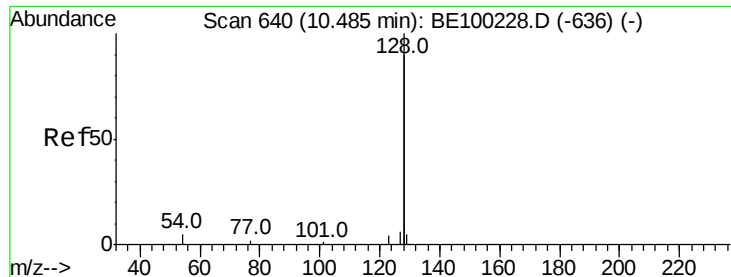


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.420 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

Instrument :

BNA_E

ClientSampleId :

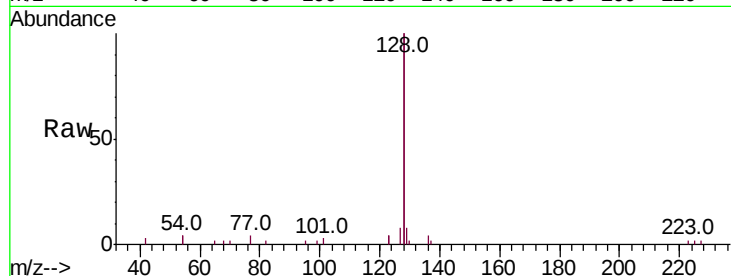
Tot Ion:128 Resp: 11686

Ion Ratio Lower Upper

128 100

129 3.8 3.0 4.6

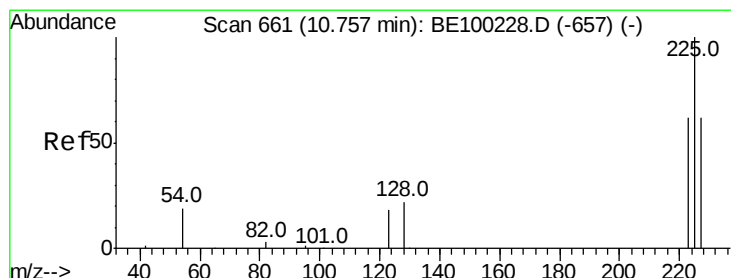
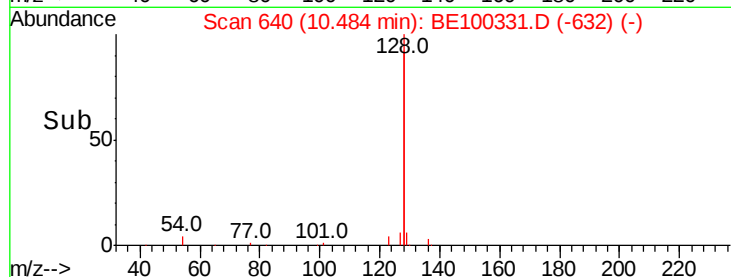
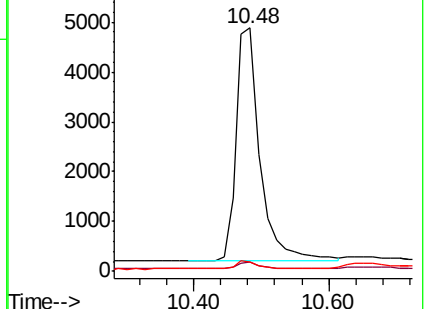
127 4.1 3.5 5.3



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: 0.469 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

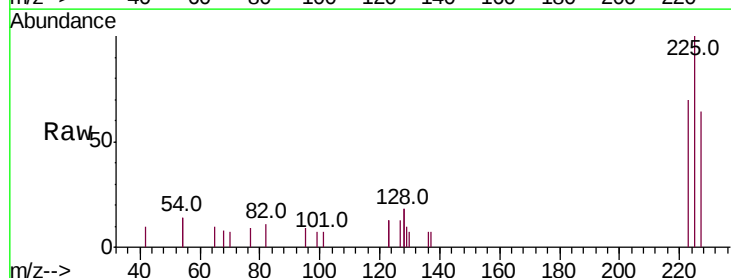
Tgt Ion:225 Resp: 1255

Ion Ratio Lower Upper

225 100

223 64.1 49.1 73.7

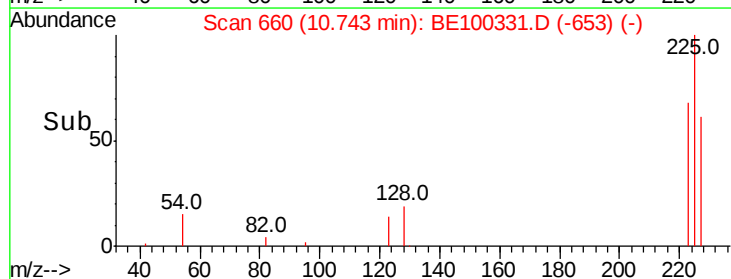
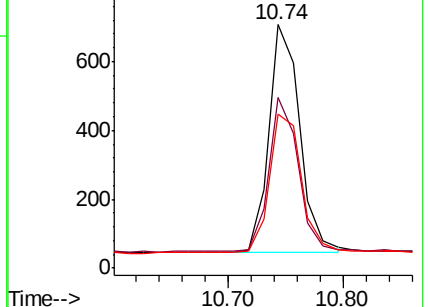
227 63.0 49.3 73.9

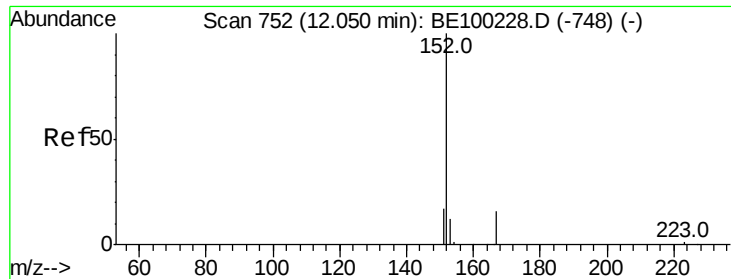


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

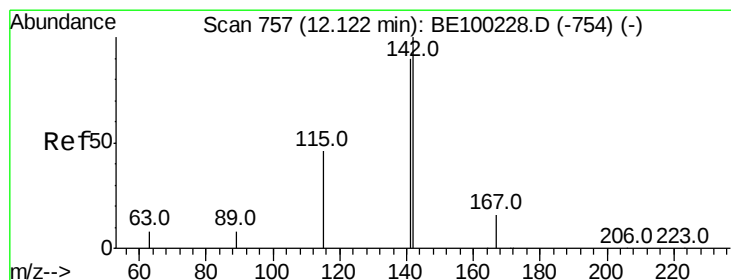
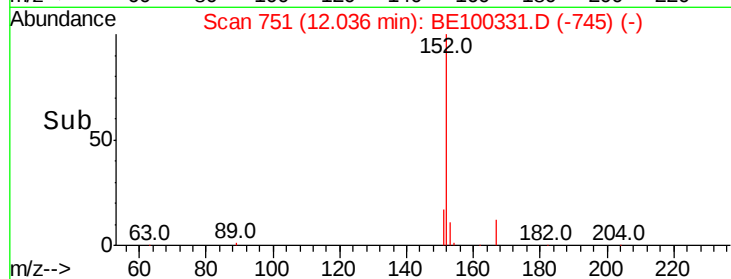
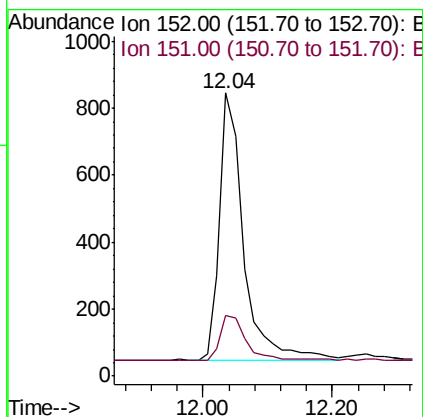
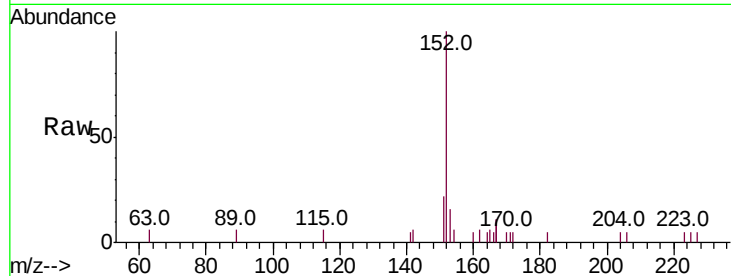




#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

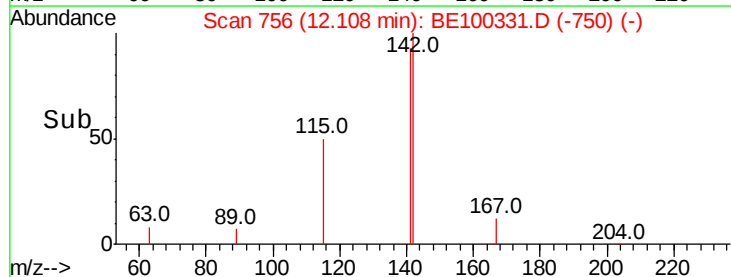
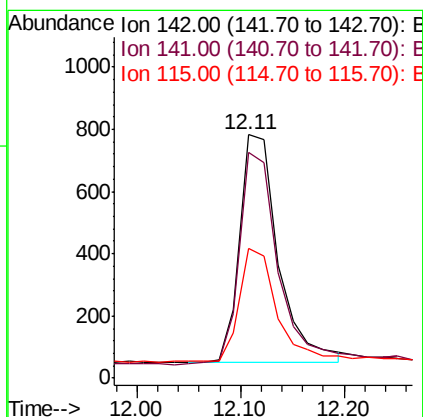
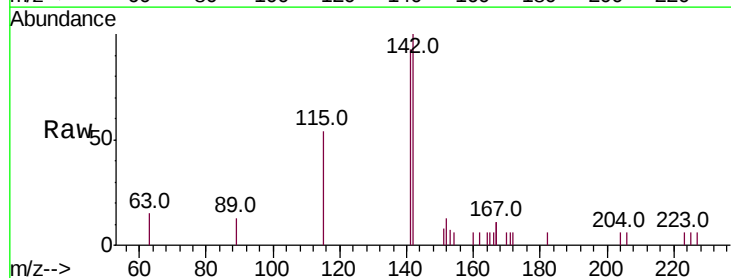
Instrument :
BNA_E
ClientSampled :

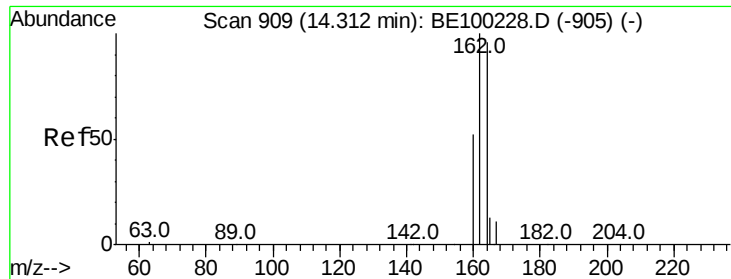
Tot Ion:152 Resp: 2049
Ion Ratio Lower Upper
152 100
151 18.6 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:142 Resp: 1907
Ion Ratio Lower Upper
142 100
141 92.8 72.4 108.6
115 53.5 40.4 60.6

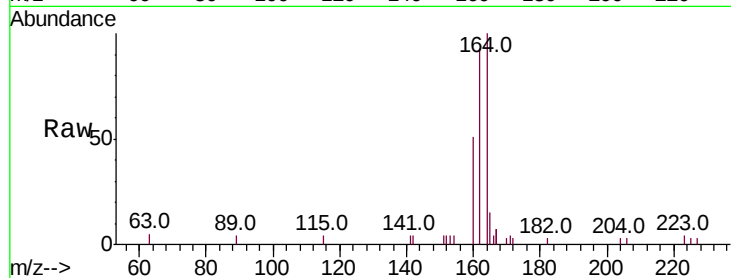




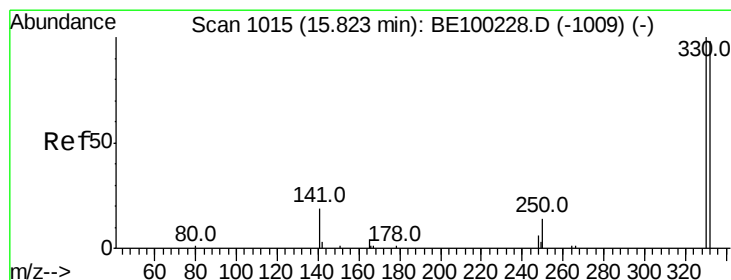
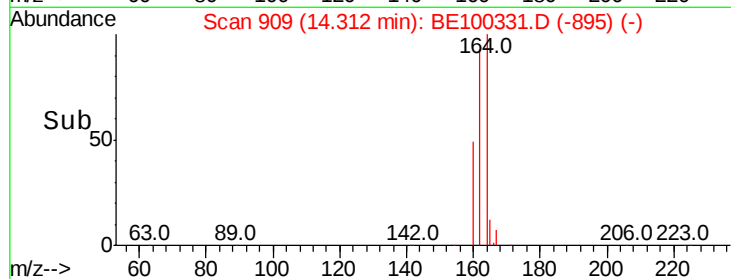
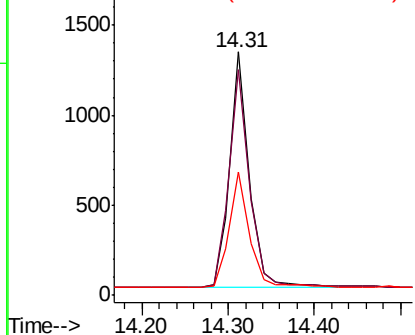
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.31 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BE100331.D
 Acq: 3 Jul 2019 16:34

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 2028
 Ion Ratio Lower Upper
 164 100
 162 92.7 83.4 125.0
 160 50.6 45.0 67.6

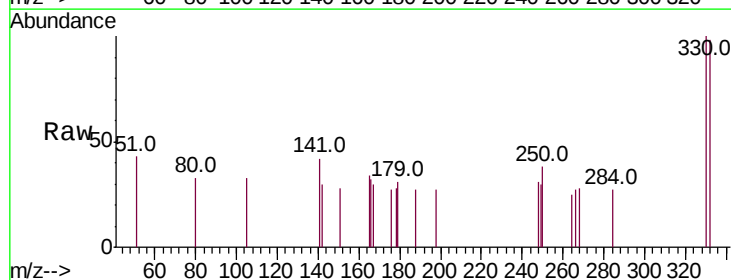


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

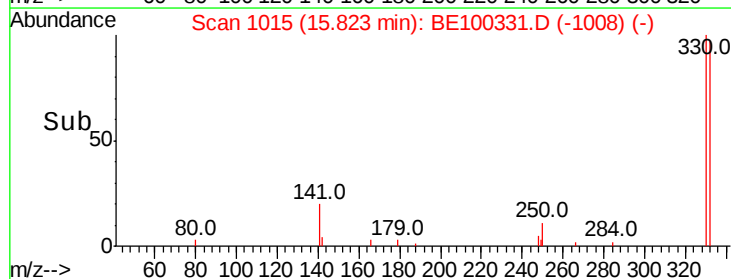
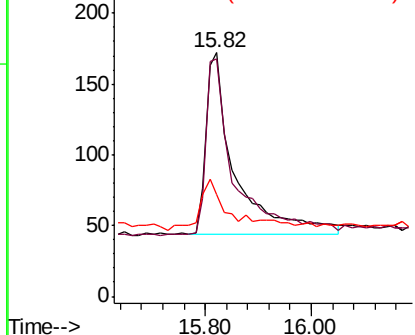


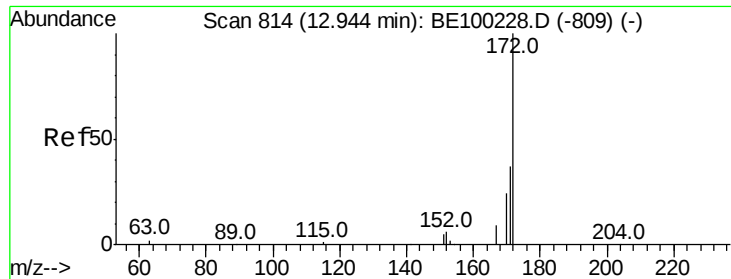
#14
 2,4,6-Tribromophenol
 Concen: 0.344 ng
 RT: 15.82 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BE100331.D
 Acq: 3 Jul 2019 16:34

Tgt Ion:330 Resp: 488
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.4
 141 20.5 22.0 33.0#



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

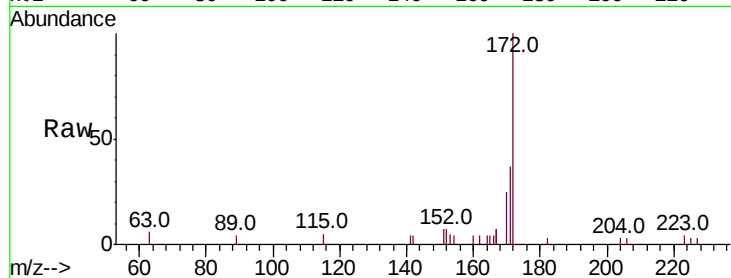




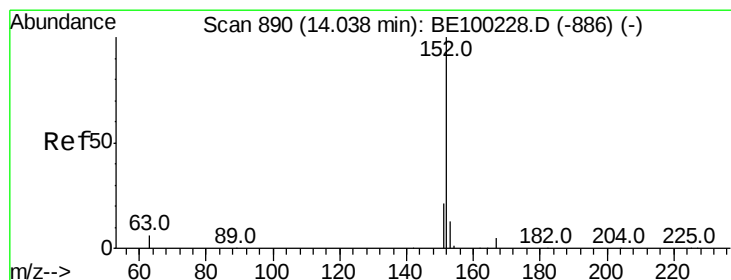
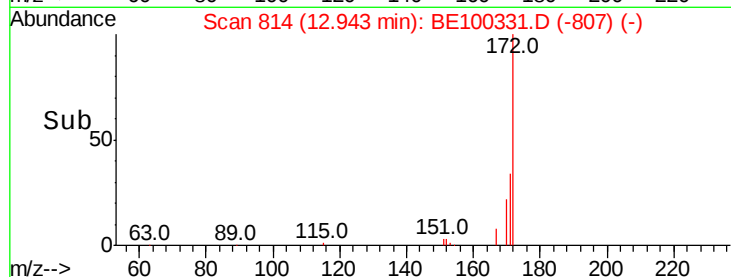
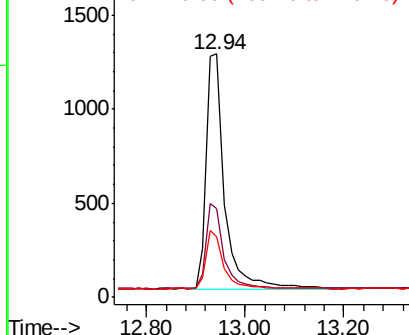
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 3234
Ion Ratio Lower Upper
172 100
171 36.6 31.9 47.9
170 25.1 22.2 33.2

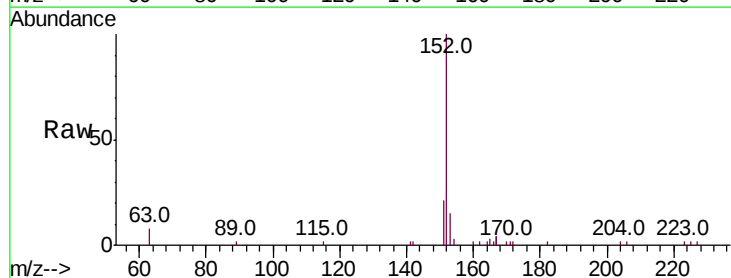


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

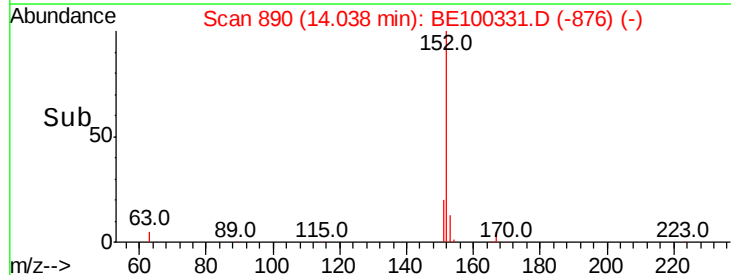
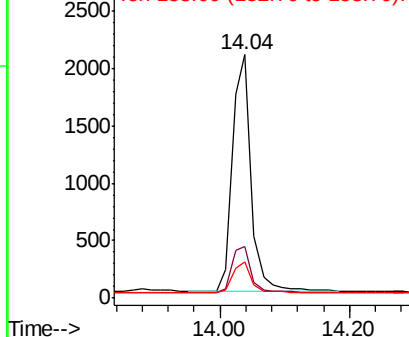


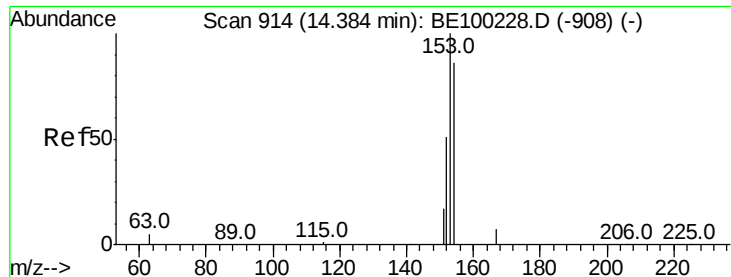
#16
Acenaphthylene
Concen: 0.426 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:152 Resp: 4143
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0
153 13.4 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

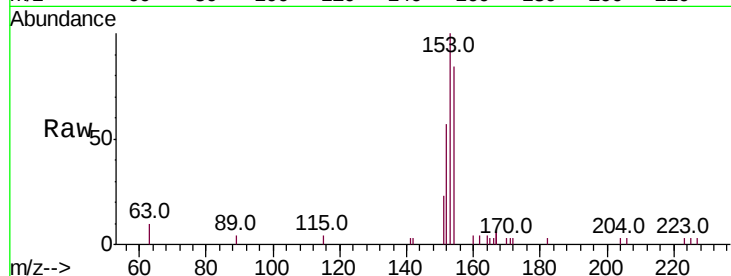




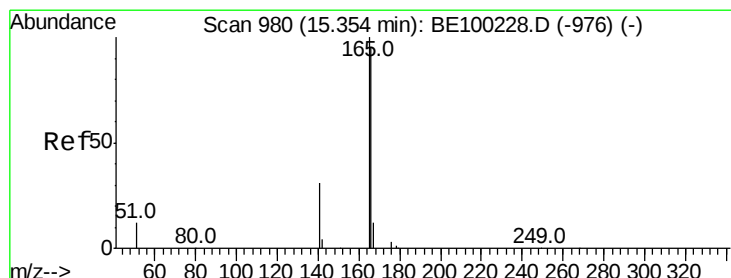
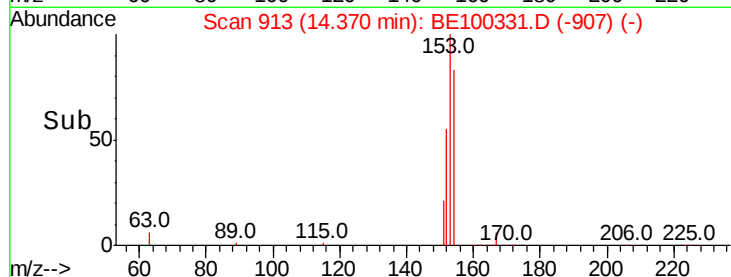
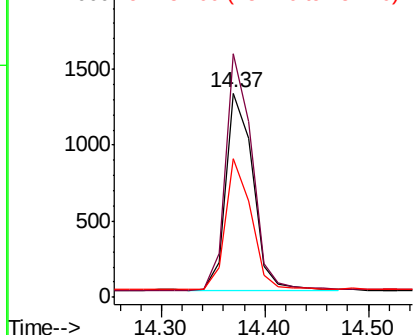
#17
Acenaphthene
Concen: 0.426 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 2349
Ion Ratio Lower Upper
154 100
153 117.5 93.4 140.2
152 63.3 49.4 74.2

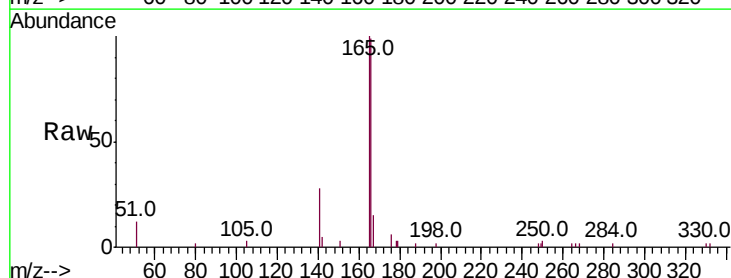


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

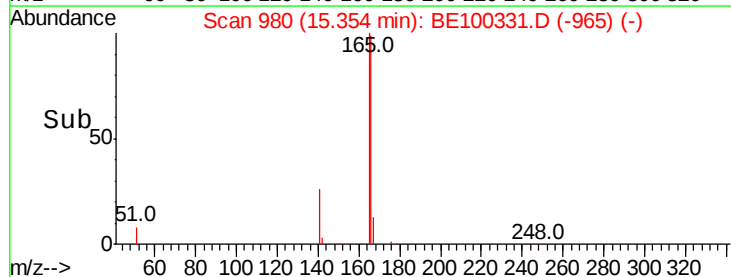
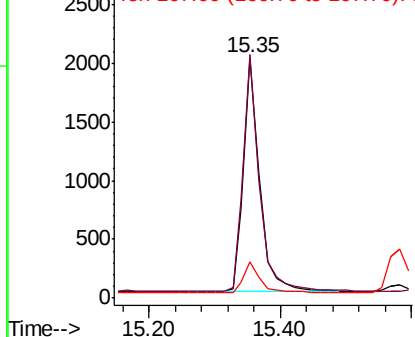


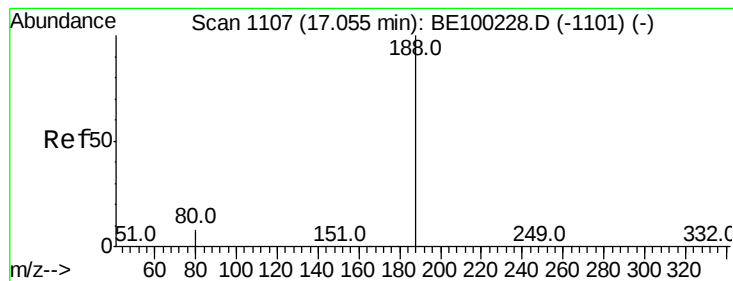
#18
Fluorene
Concen: 0.422 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:166 Resp: 3442
Ion Ratio Lower Upper
166 100
165 101.8 81.1 121.7
167 14.1 10.7 16.1



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: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

Instrument :

BNA_E

ClientSampleId :

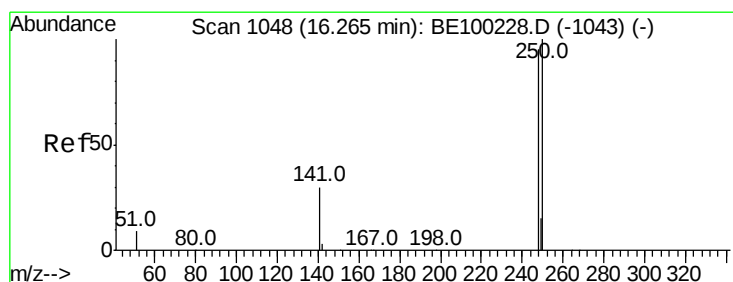
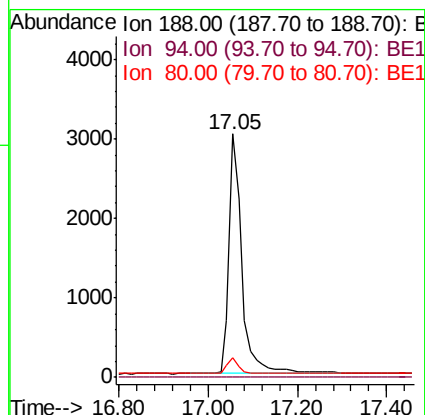
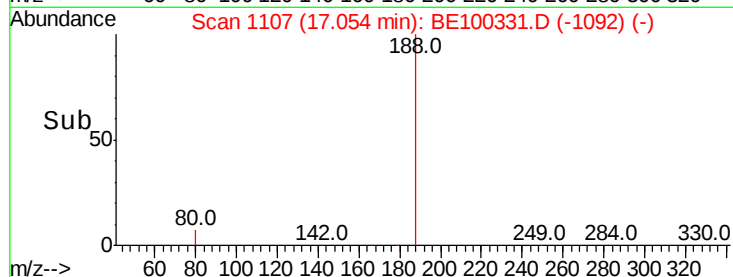
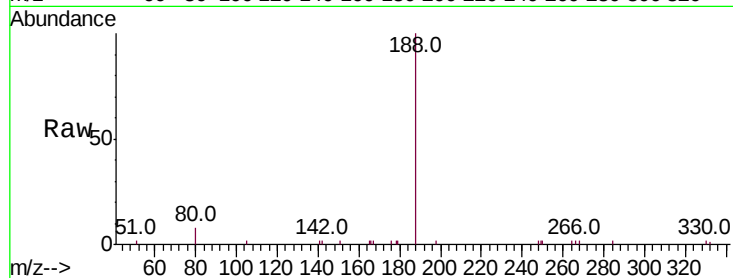
Tot Ion:188 Resp: 6100

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 7.6 11.4



#20

4-Bromophenyl-phenylether

Concen: 0.442 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

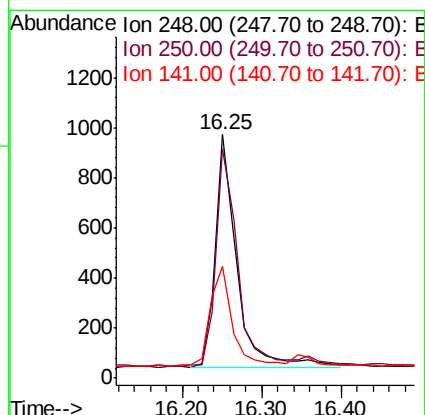
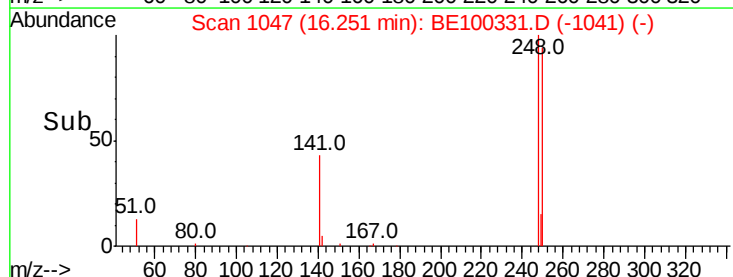
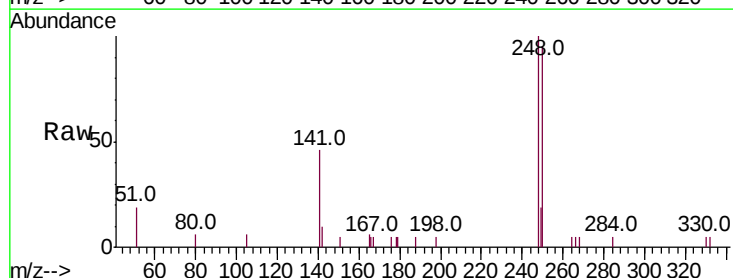
Tgt Ion:248 Resp: 1722

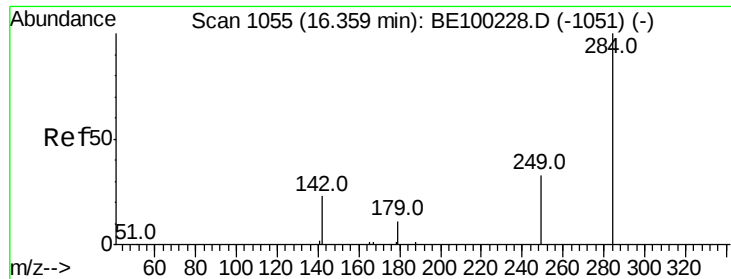
Ion Ratio Lower Upper

248 100

250 94.5 84.2 126.4

141 46.0 29.3 43.9#

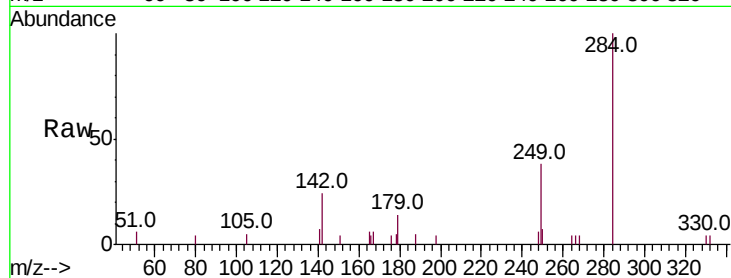




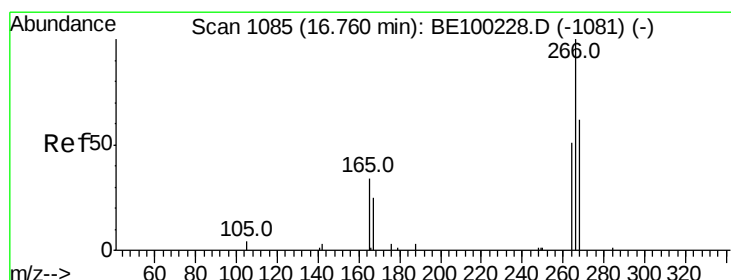
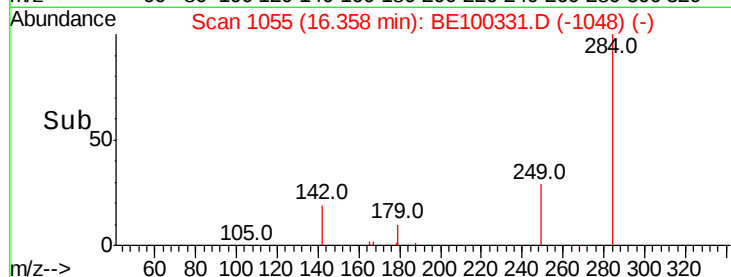
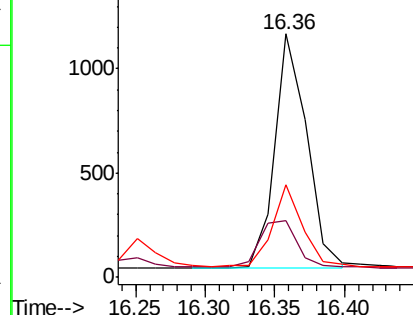
#21
Hexachlorobenzene
Concen: 0.444 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 1795
Ion Ratio Lower Upper
284 100
142 23.1 18.8 28.2
249 32.1 23.7 35.5

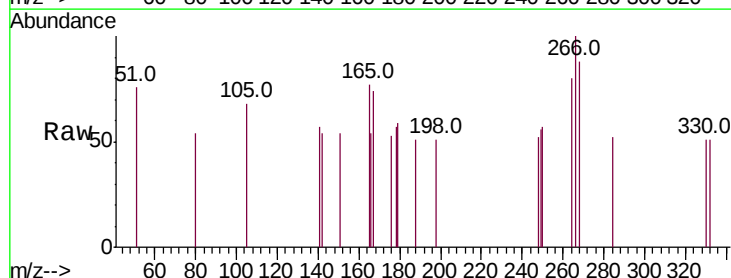


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

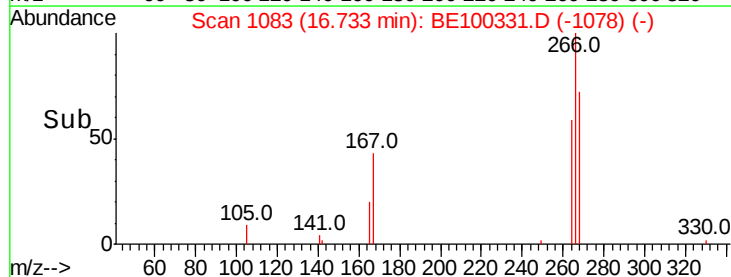
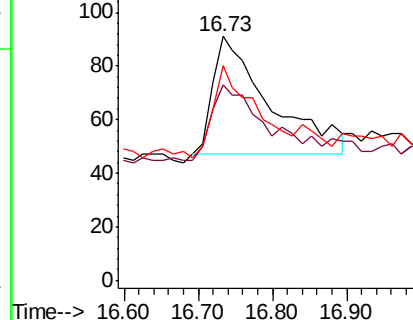


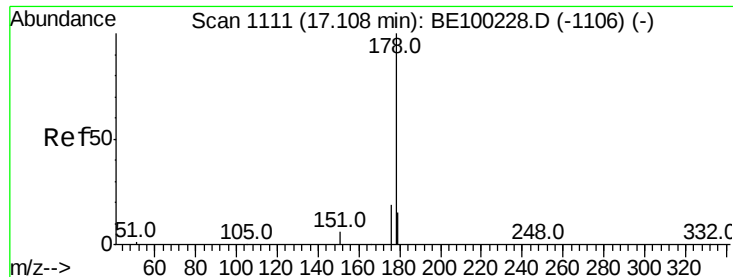
#22
Pentachlorophenol
Concen: 0.193 ng
RT: 16.73 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:266 Resp: 235
Ion Ratio Lower Upper
266 100
264 80.2 56.2 84.2
268 87.9 61.8 92.6



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: 0.409 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

Instrument :

BNA_E

ClientSampleId :

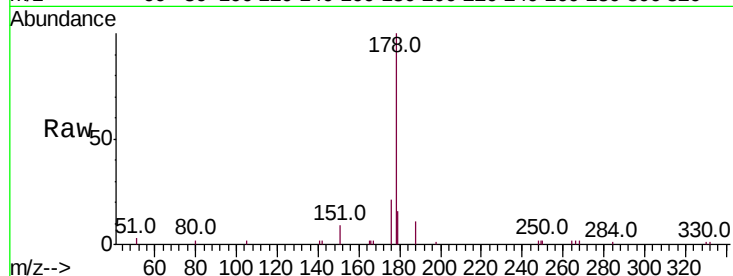
Tot Ion:178 Resp: 6052

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

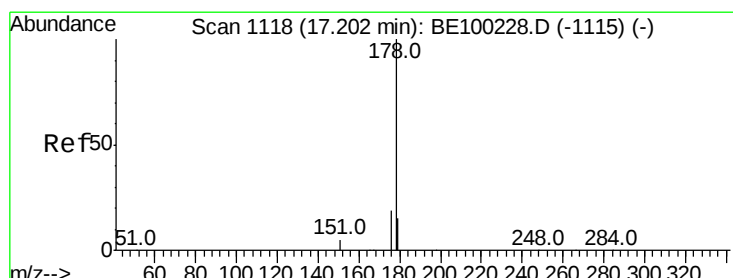
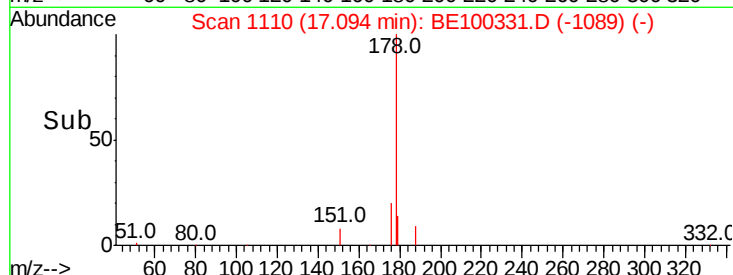
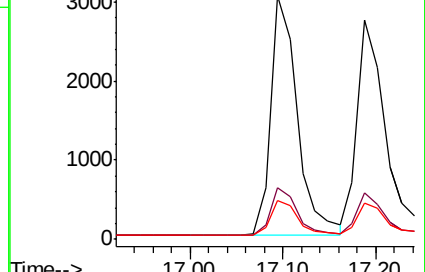
179 15.1 12.2 18.2



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



#24

Anthracene

Concen: 0.396 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

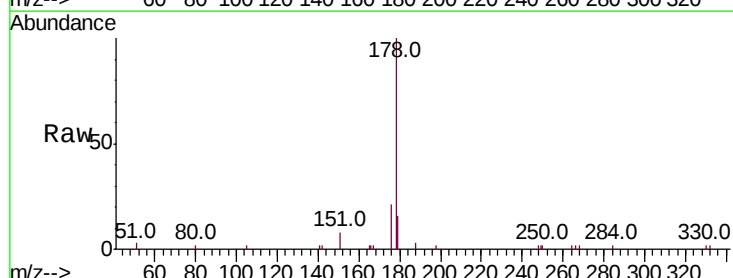
Tgt Ion:178 Resp: 5266

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

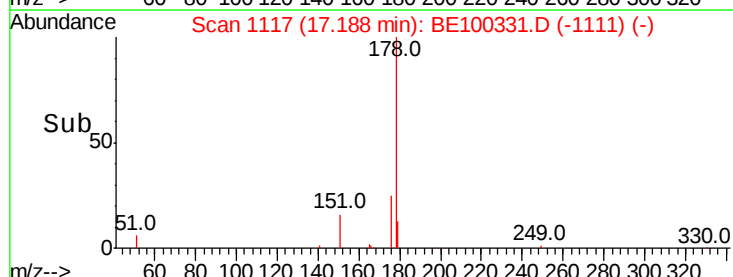
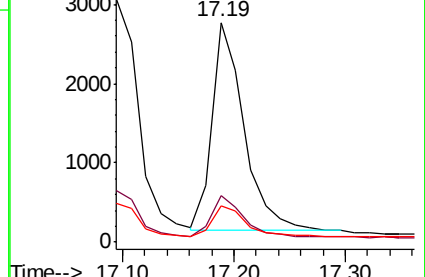
179 15.0 12.2 18.2

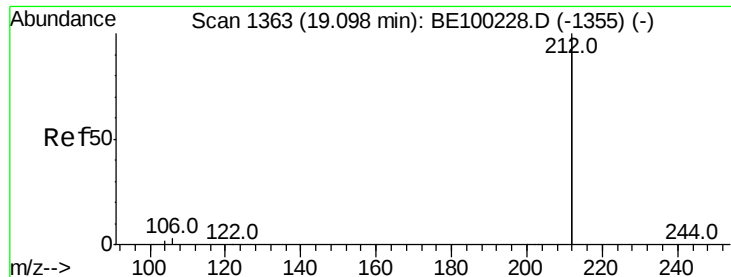


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.09 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

Instrument :

BNA_E

ClientSampleId :

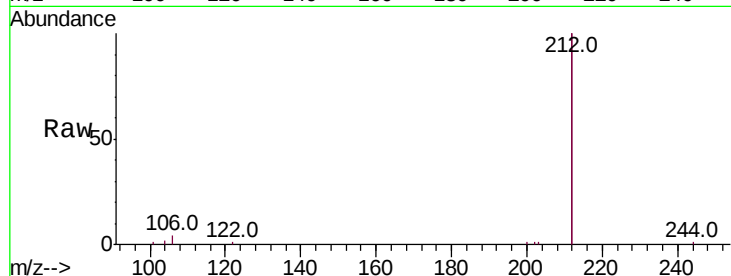
Tot Ion:212 Resp: 34851

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

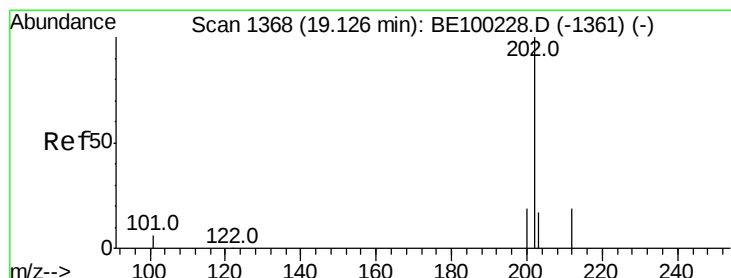
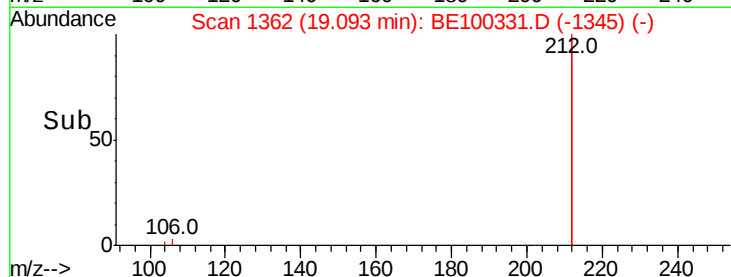
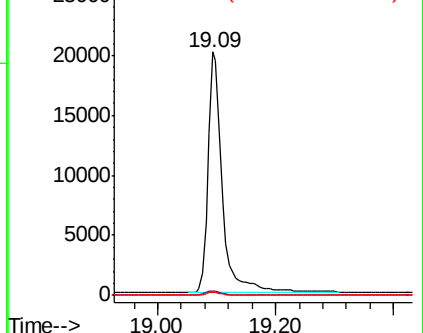
104 0.9 0.8 1.2



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: 0.410 ng

RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

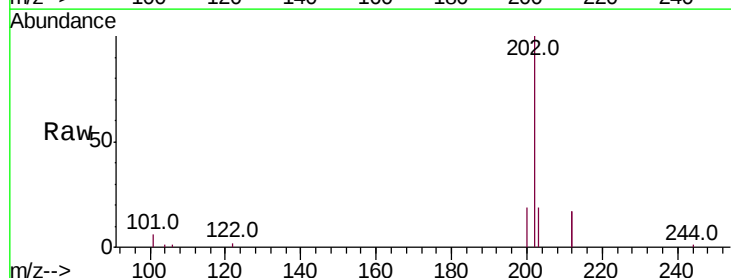
Tgt Ion:202 Resp: 9662

Ion Ratio Lower Upper

202 100

101 5.4 4.6 7.0

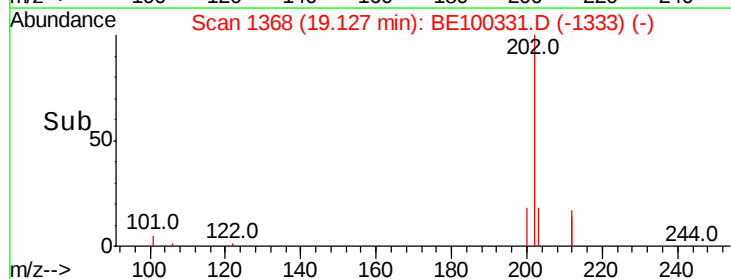
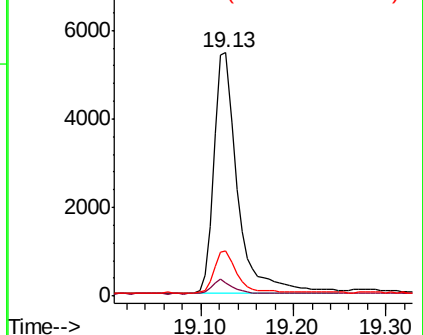
203 17.3 13.7 20.5

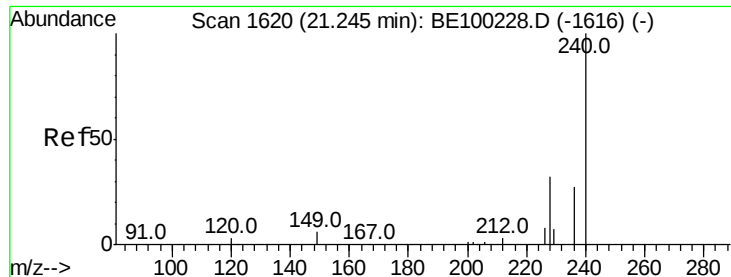


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

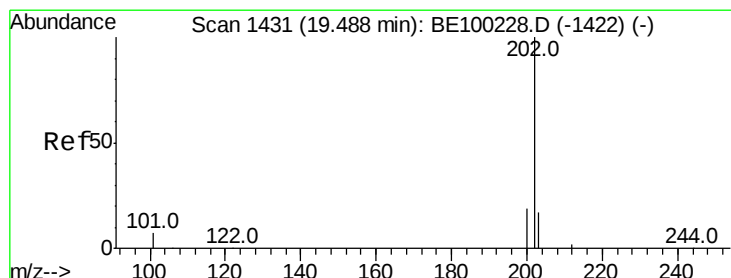
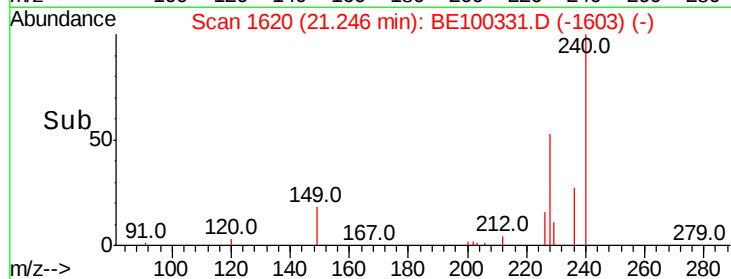
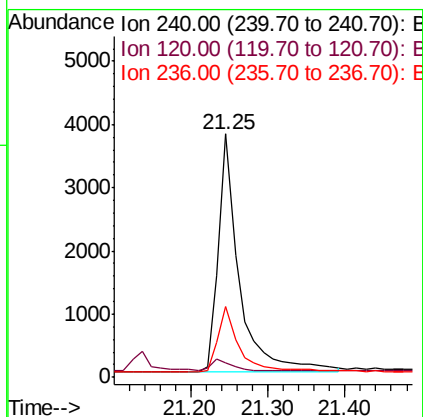
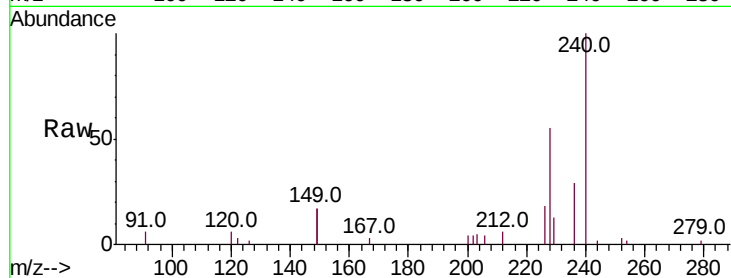




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

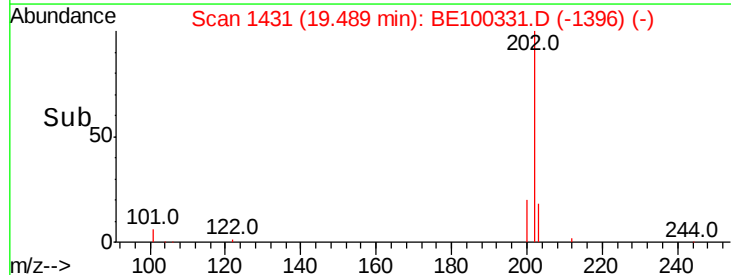
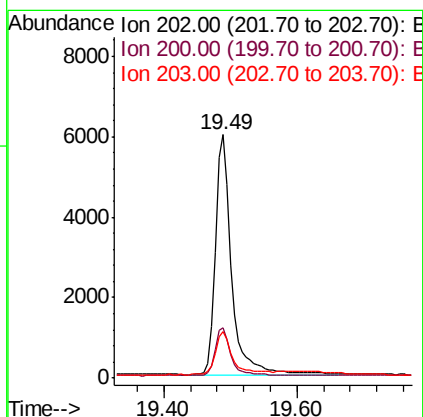
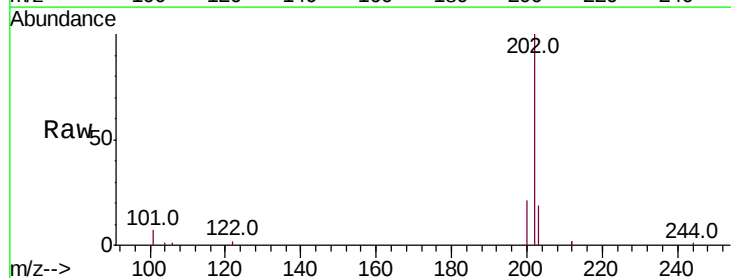
Instrument :
BNA_E
ClientSampleId :

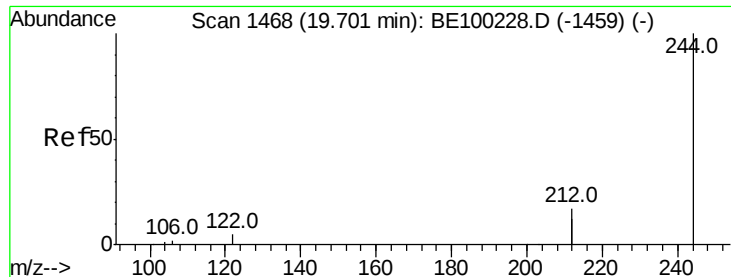
Tot Ion:240 Resp: 7112
Ion Ratio Lower Upper
240 100
120 6.0 3.3 4.9#
236 28.9 22.6 34.0



#28
Pyrene
Concen: 0.533 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:202 Resp: 10027
Ion Ratio Lower Upper
202 100
200 19.7 15.6 23.4
203 19.9 14.0 21.0





#29

Terphenyl-d14

Concen: 0.558 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

Instrument :

BNA_E

ClientSampleId :

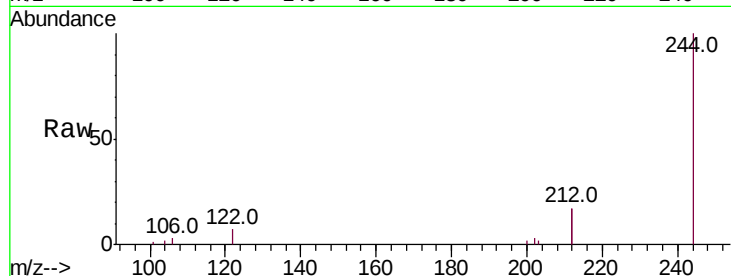
Tot Ion:244 Resp: 8223

Ion Ratio Lower Upper

244 100

212 34.9 27.3 40.9

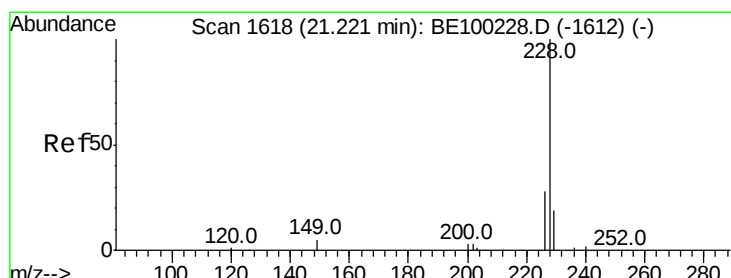
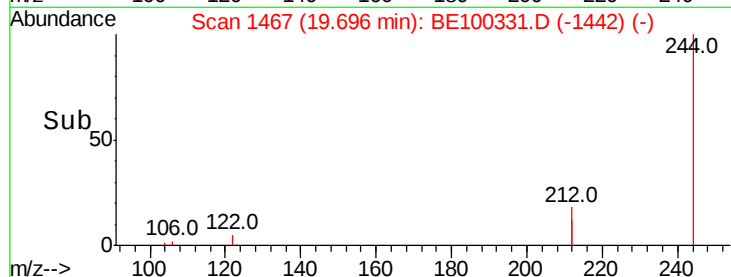
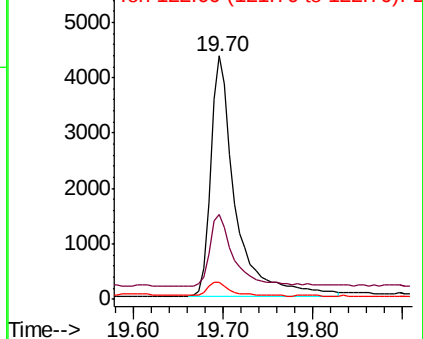
122 6.9 4.7 7.1



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: 0.420 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

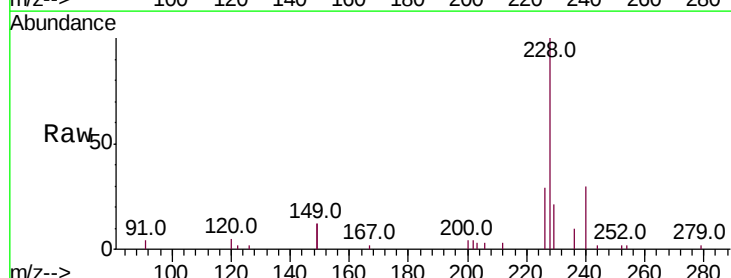
Tgt Ion:228 Resp: 9815

Ion Ratio Lower Upper

228 100

226 28.6 23.2 34.8

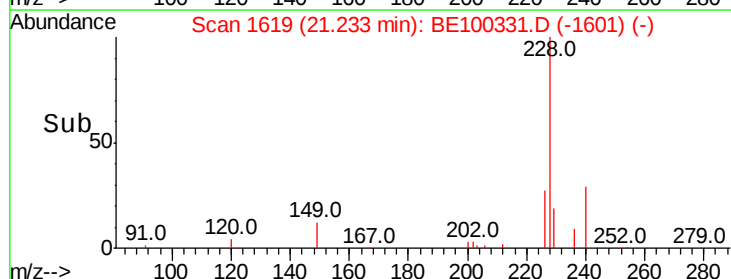
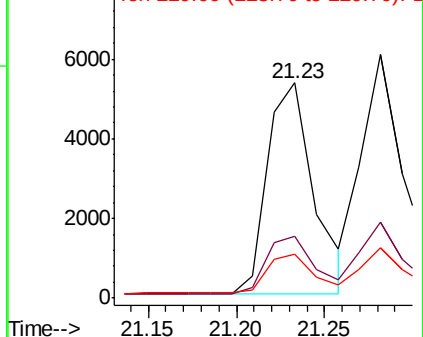
229 20.6 15.7 23.5

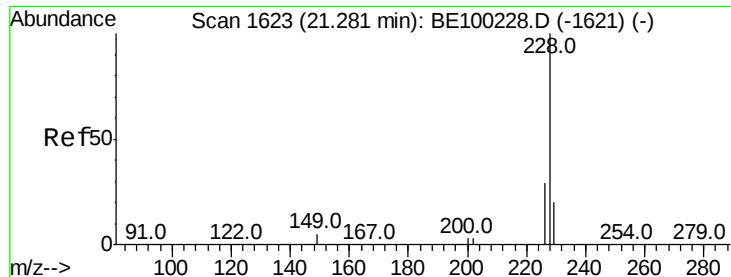


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.433 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

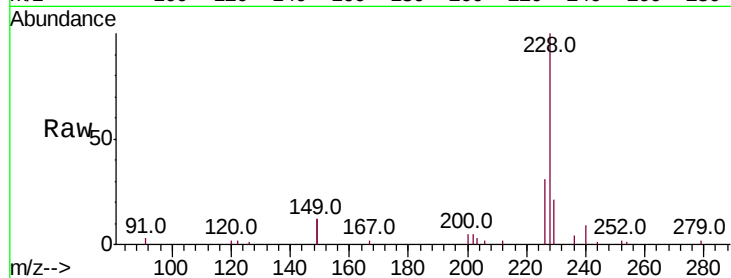
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 10156

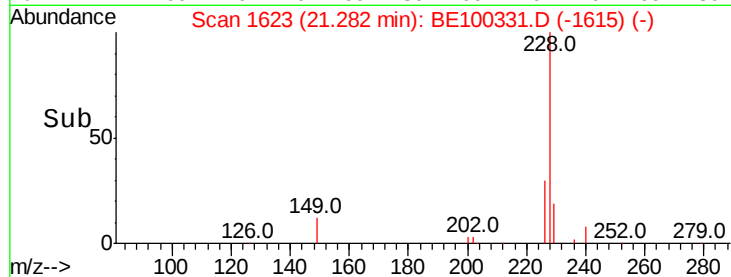
Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.9	35.9
229	20.7	16.5	24.7



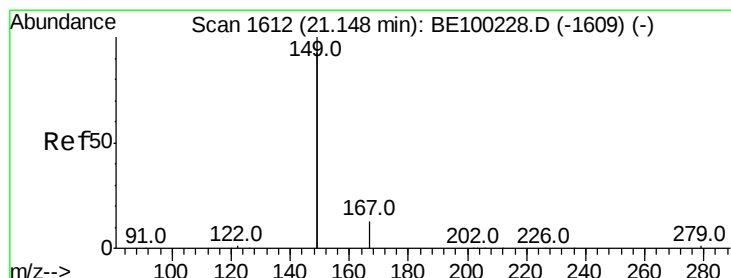
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 21.20 21.30 21.40



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.458 ng

RT: 21.15 min Scan# 1612

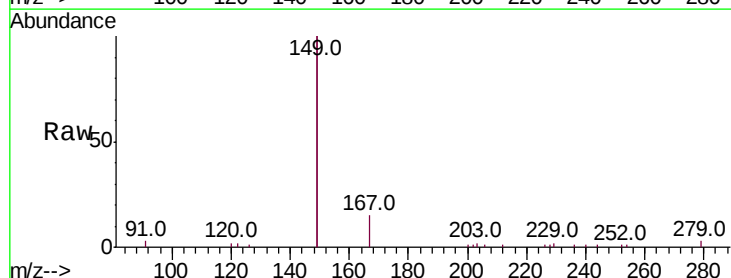
Delta R.T. 0.00 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

Tgt Ion:149 Resp: 17025

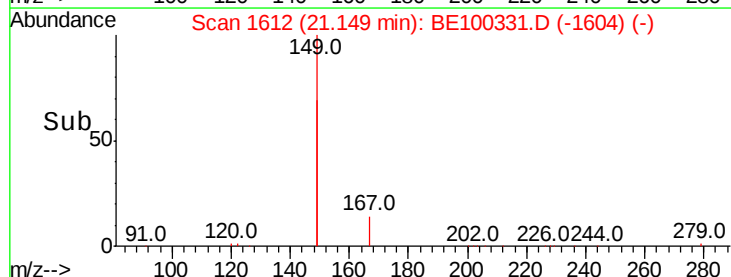
Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.8
279	1.6	1.1	1.7



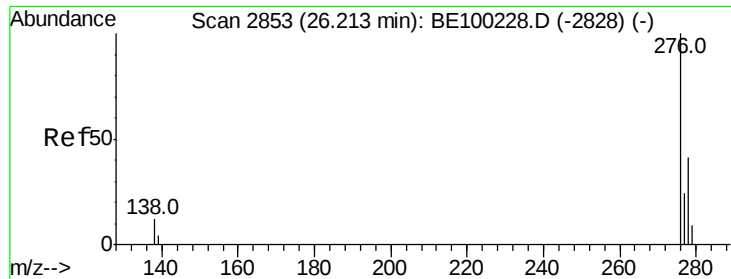
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.10 21.15 21.20



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.388 ng

RT: 26.23 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

Instrument :

BNA_E

ClientSampleId :

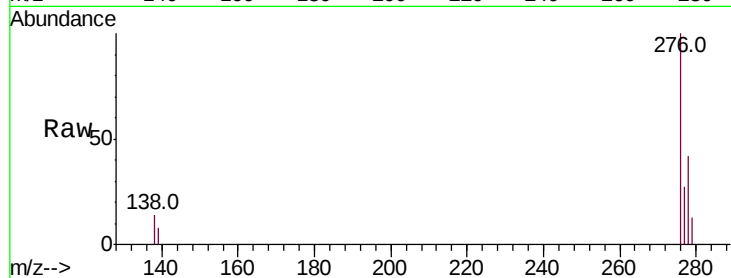
Tot Ion:276 Resp: 12047

Ion Ratio Lower Upper

276 100

138 10.0 9.4 14.0

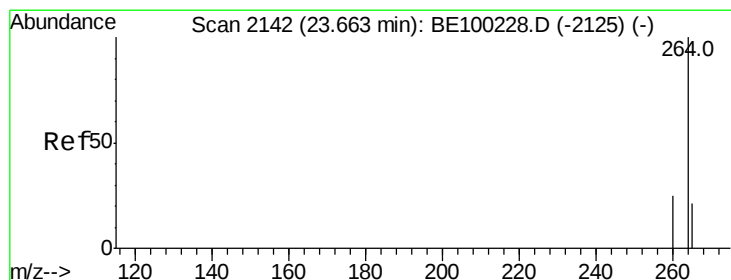
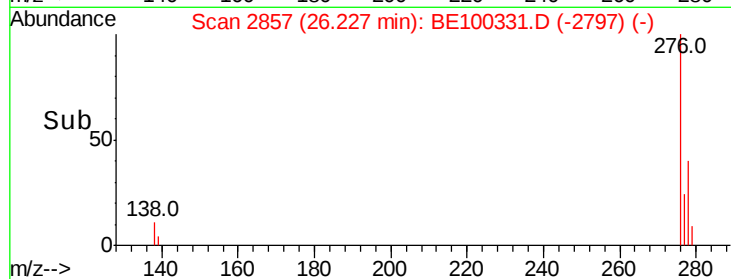
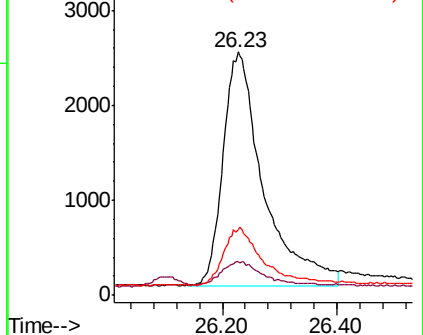
277 22.9 19.2 28.8



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: 23.67 min Scan# 2144

Delta R.T. 0.01 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

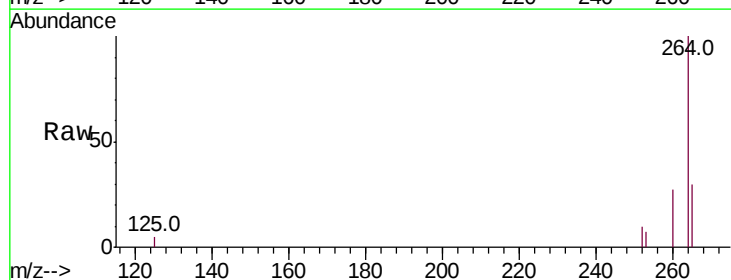
Tgt Ion:264 Resp: 8527

Ion Ratio Lower Upper

264 100

260 27.2 20.8 31.2

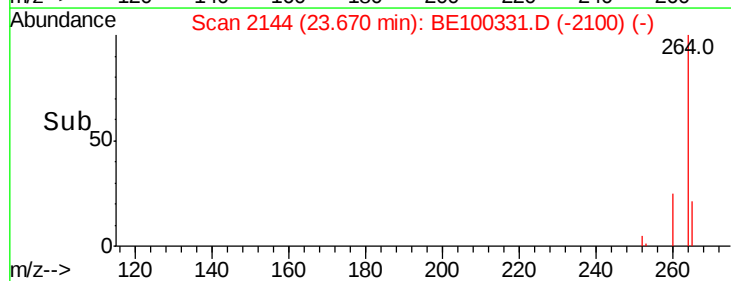
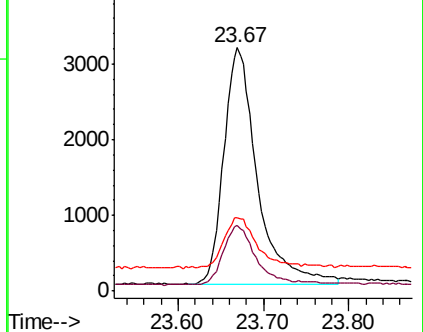
265 30.1 21.8 32.6

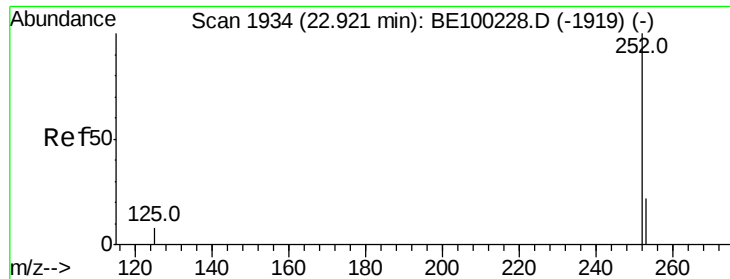


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.466 ng

RT: 22.97 min Scan# 1949

Delta R.T. 0.05 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

Instrument :

BNA_E

ClientSampleId :

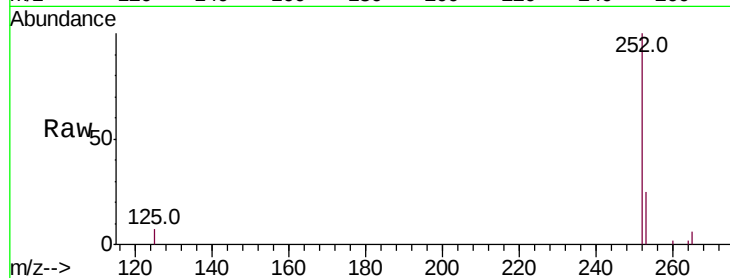
Tot Ion:252 Resp: 10768

Ion Ratio Lower Upper

252 100

253 24.7 19.2 28.8

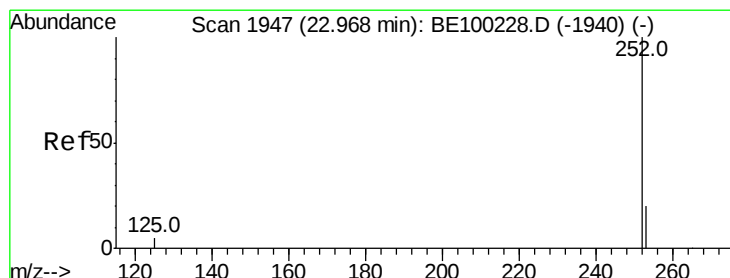
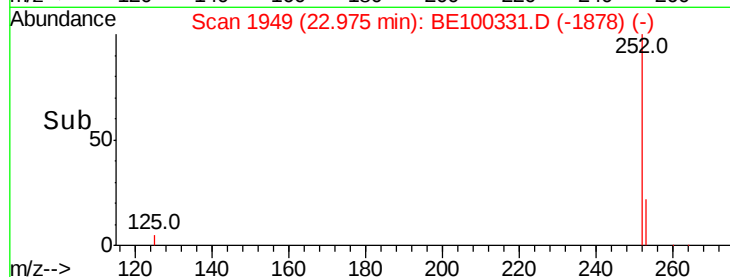
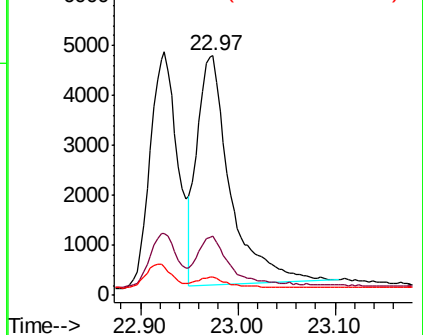
125 7.5 7.4 11.0



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: 0.417 ng

RT: 22.97 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

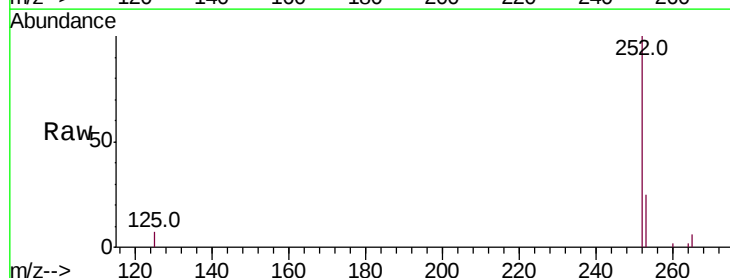
Tgt Ion:252 Resp: 10768

Ion Ratio Lower Upper

252 100

253 24.7 17.9 26.9

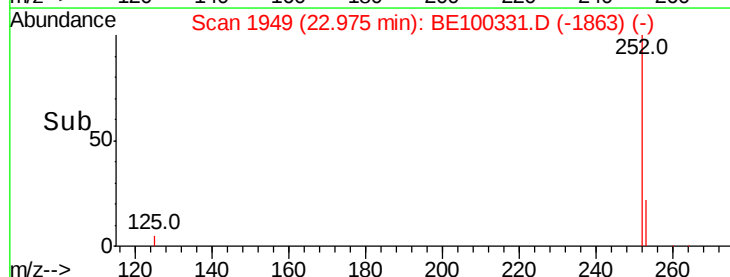
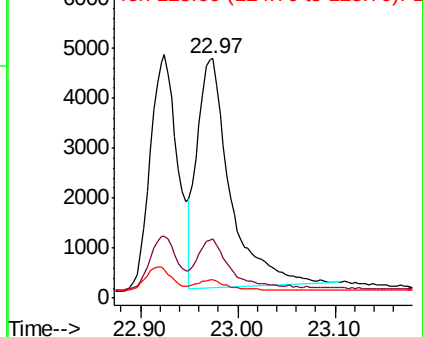
125 7.5 5.0 7.4#

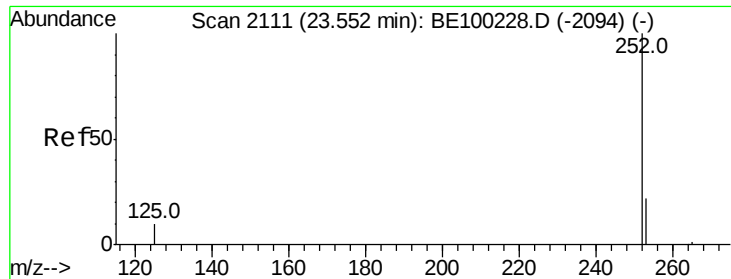


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

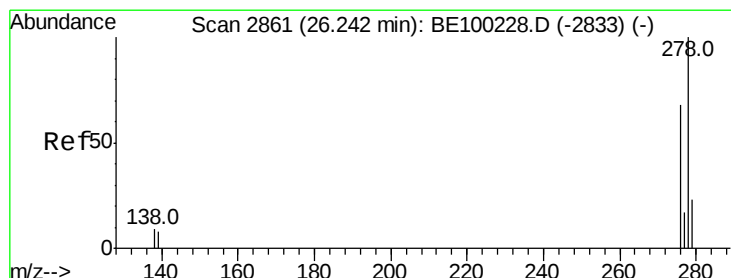
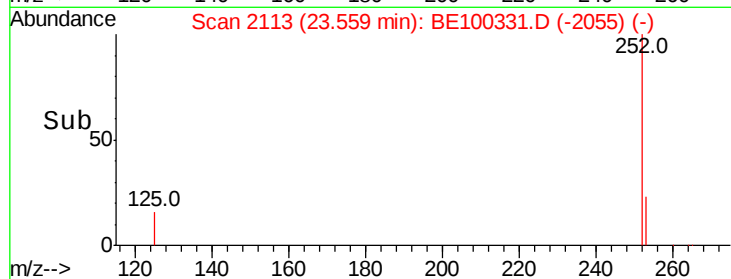
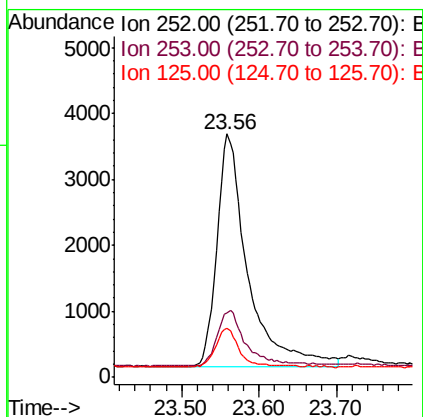
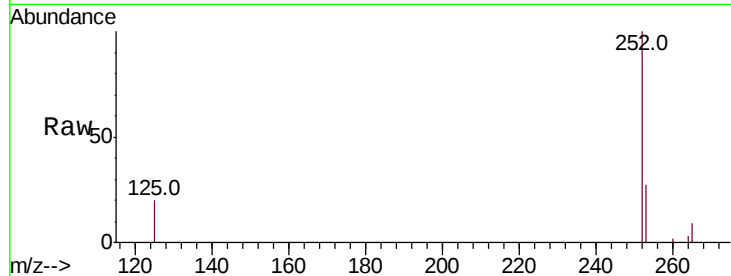




#37
Benzo(a)pyrene
Concen: 0.423 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

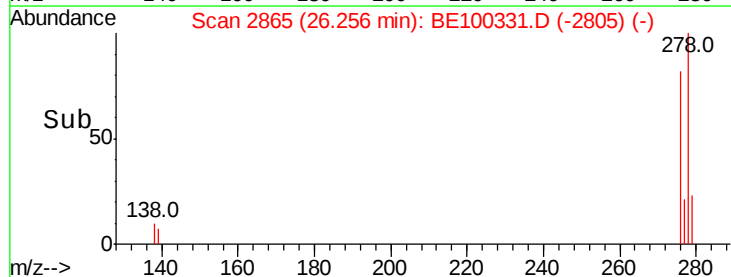
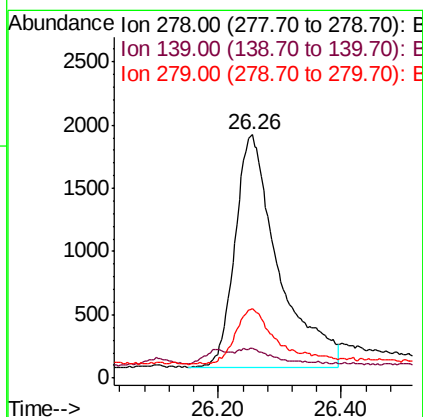
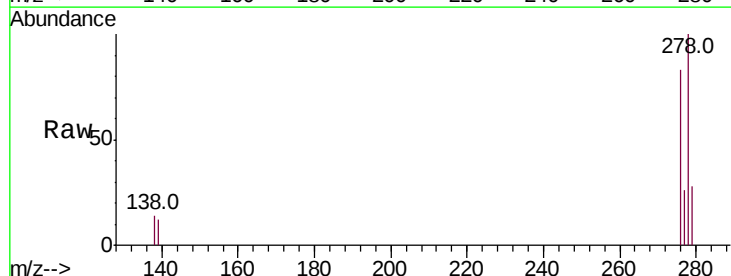
Instrument :
BNA_E
ClientSampleId :

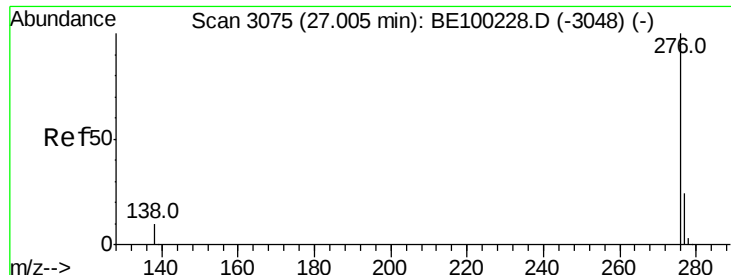
Tot Ion:252 Resp: 9791
Ion Ratio Lower Upper
252 100
253 26.6 19.6 29.4
125 20.0 9.0 13.6#



#38
Dibenzo(a,h)anthracene
Concen: 0.374 ng
RT: 26.26 min Scan# 2865
Delta R.T. 0.01 min
Lab File: BE100331.D
Acq: 3 Jul 2019 16:34

Tgt Ion:278 Resp: 9053
Ion Ratio Lower Upper
278 100
139 12.1 8.2 12.2
279 28.4 20.3 30.5





#39

Benzo(a,h,i)perylene

Concen: 0.429 ng

RT: 27.02 min Scan# 3078

Delta R.T. 0.01 min

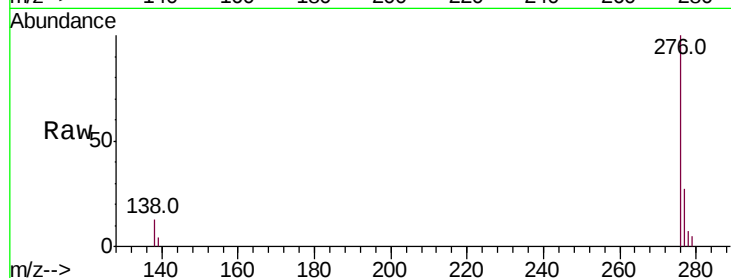
Lab File: BE100331.D

Acq: 3 Jul 2019 16:34

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 10655

Ion Ratio Lower Upper

276 100

277 27.1 20.2 30.2

138 12.8 9.0 13.6

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

