

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100352.D
 Acq On : 4 Jul 2019 6:04
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 05 01:13:19 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	630	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	2123	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1554	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	4528	0.40	ng	0.00
27) Chrysene-d12	21.24	240	5494	0.40	ng	0.00
34) Perylene-d12	23.67	264	6724	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.20	112	607	0.38	ng	-0.01
5) Phenol-d6	6.84	99	824	0.39	ng	0.00
8) Nitrobenzene-d5	8.81	82	873	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1688	0.42	ng	-0.01
14) 2,4,6-Tribromophenol	15.82	330	411	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	2739	0.45	ng	-0.01
25) Fluoranthene-d10	19.10	212	26839	0.41	ng	0.00
29) Terphenyl-d14	19.70	244	5584	0.49	ng	0.00

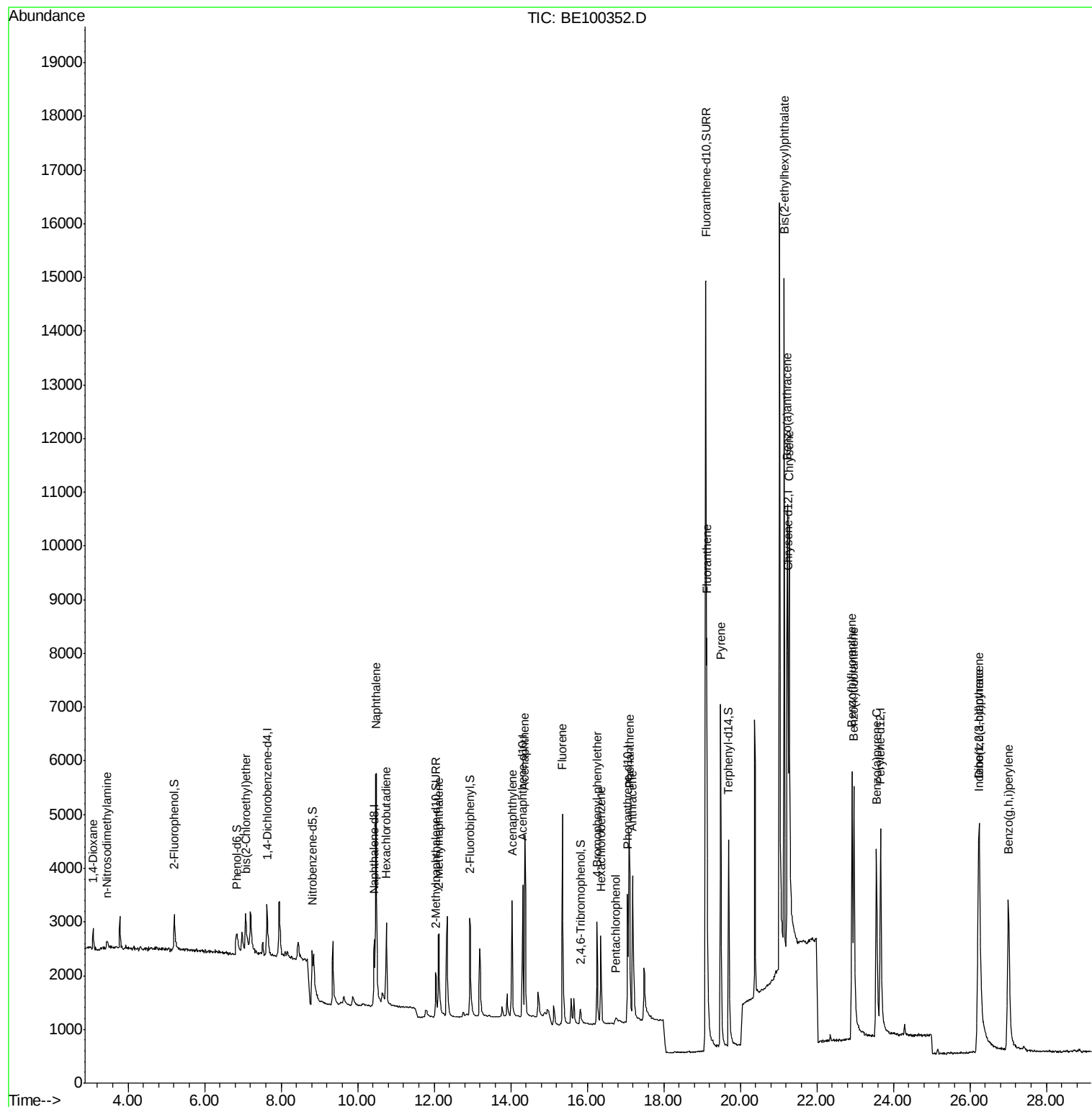
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.08	88	323	0.330	ng	# 86
3) n-Nitrosodimethylamine	3.44	42	158	0.347	ng	# 73
6) bis(2-Chloroethyl)ether	7.08	93	678	0.390	ng	81
9) Naphthalene	10.48	128	10193	0.435	ng	99
10) Hexachlorobutadiene	10.74	225	1154	0.512	ng	96
12) 2-Methylnaphthalene	12.12	142	1587	0.386	ng	97
16) Acenaphthylene	14.04	152	3307	0.443	ng	98
17) Acenaphthene	14.37	154	1852	0.438	ng	95
18) Fluorene	15.35	166	2731	0.437	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	1304	0.451	ng	# 87
21) Hexachlorobenzene	16.36	284	1439	0.480	ng	96
22) Pentachlorophenol	16.75	266	229	0.254	ng	91
23) Phenanthrene	17.09	178	4679	0.426	ng	99
24) Anthracene	17.19	178	4024	0.407	ng	100
26) Fluoranthene	19.13	202	7300	0.418	ng	100
28) Pyrene	19.49	202	7589	0.522	ng	99
30) Benzo(a)anthracene	21.23	228	7650	0.423	ng	97
31) Chrysene	21.28	228	8014	0.442	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	13727	0.480	ng	100
33) Indeno(1,2,3-cd)pyrene	26.22	276	9275	0.387	ng	# 94
35) Benzo(b)fluoranthene	22.92	252	7035	0.386	ng	98
36) Benzo(k)fluoranthene	22.97	252	8367	0.411	ng	# 97
37) Benzo(a)pyrene	23.56	252	7804	0.427	ng	# 95
38) Dibenzo(a,h)anthracene	26.25	278	7081	0.371	ng	# 94
39) Benzo(g,h,i)perylene	27.01	276	8666	0.442	ng	95

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

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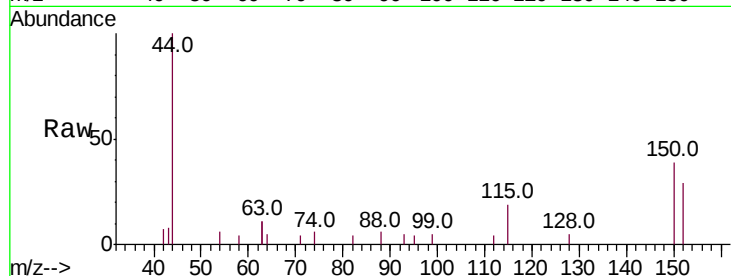


#1

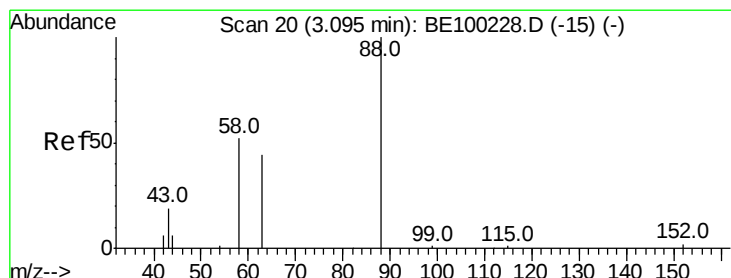
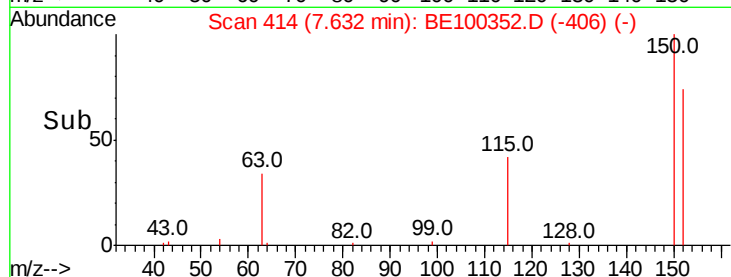
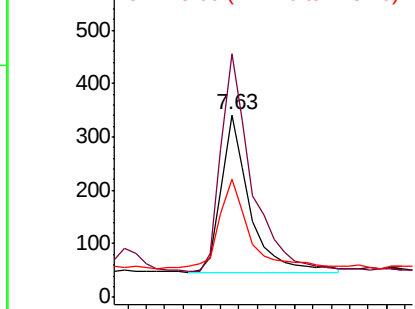
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 630
Ion Ratio Lower Upper
152 100
150 133.3 114.5 171.7
115 64.9 57.1 85.7



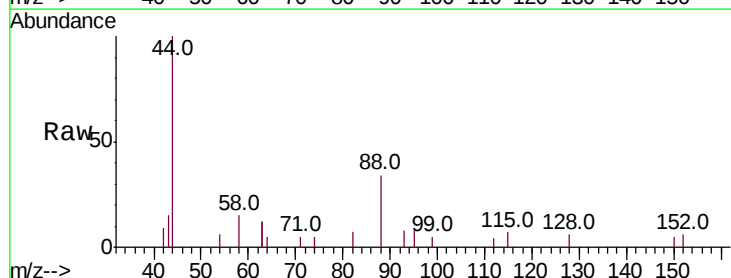
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



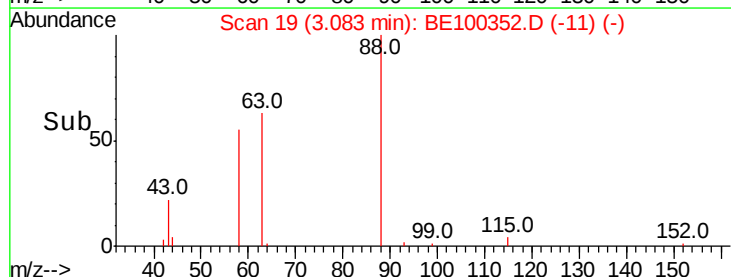
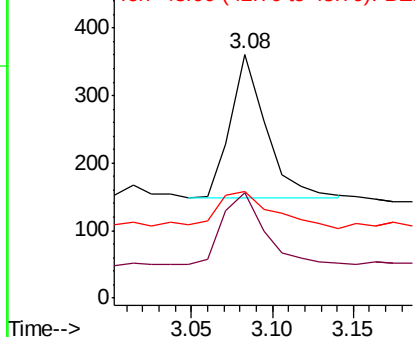
#2

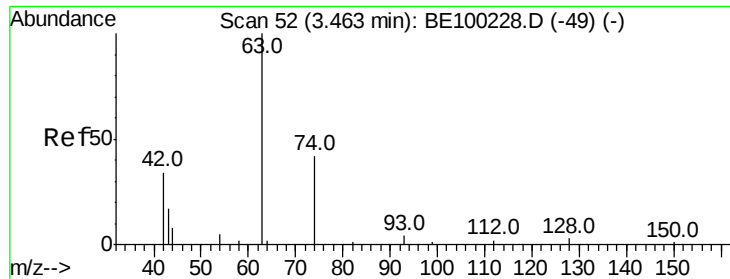
1,4-Dioxane
Concen: 0.330 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion: 88 Resp: 323
Ion Ratio Lower Upper
88 100
58 57.9 43.6 65.4
43 43.7 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: 0.347 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.02 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Instrument :

BNA_E

ClientSampleId :

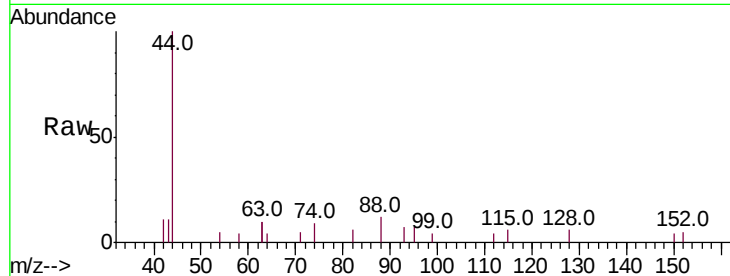
Tot Ion: 42 Resp: 158

Ion Ratio Lower Upper

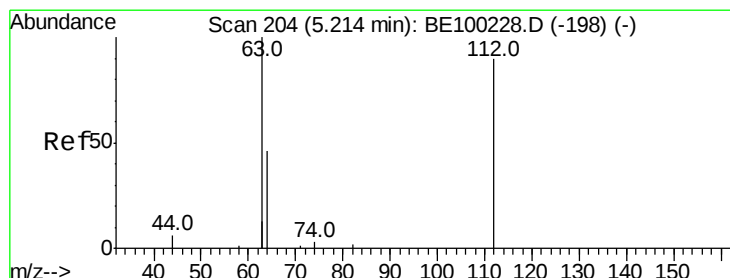
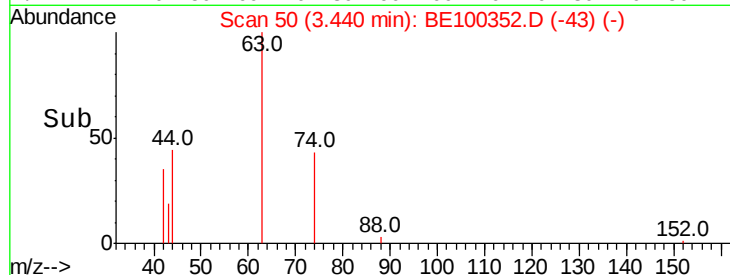
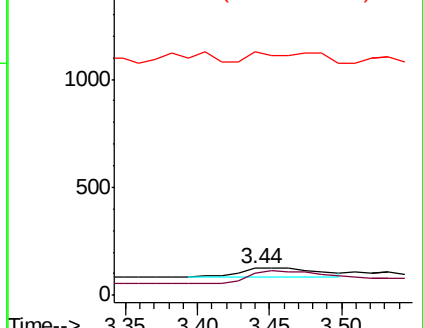
42 100

74 148.7 130.6 196.0

44 103.2 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: 0.378 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

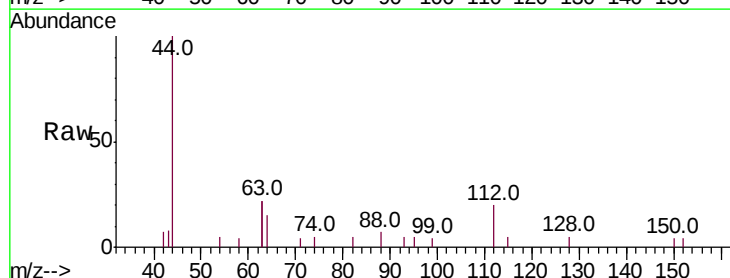
Tgt Ion: 112 Resp: 607

Ion Ratio Lower Upper

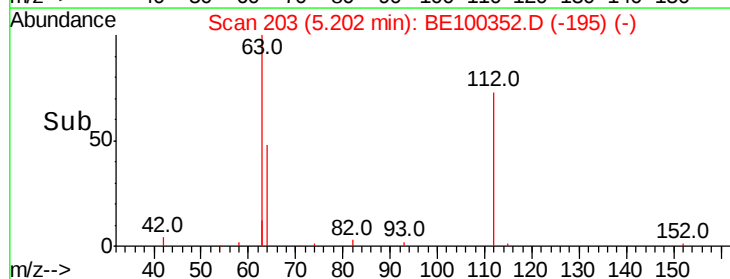
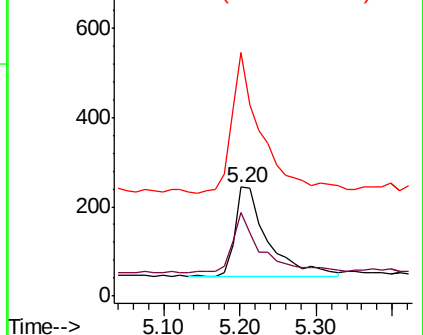
112 100

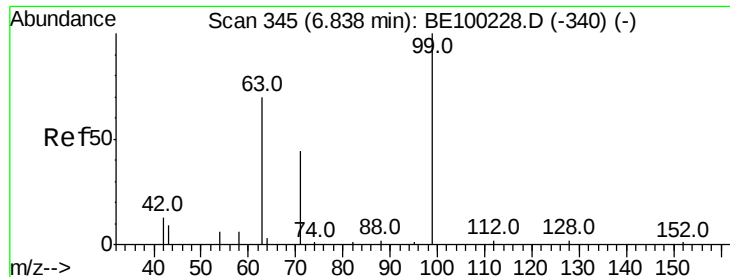
64 60.3 39.4 59.0#

63 145.3 104.5 156.7



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: 0.390 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Instrument :

BNA_E

ClientSampled :

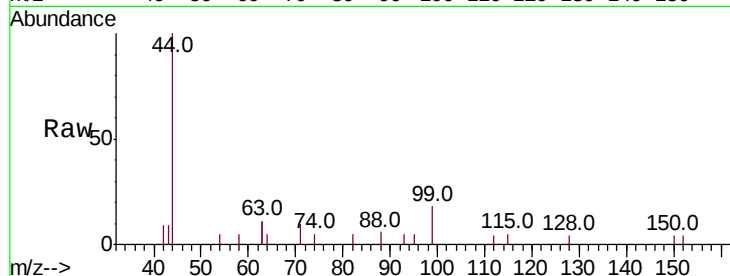
Tot Ion: 99 Resp: 824

Ion Ratio Lower Upper

99 100

42 0.0 11.2 16.8#

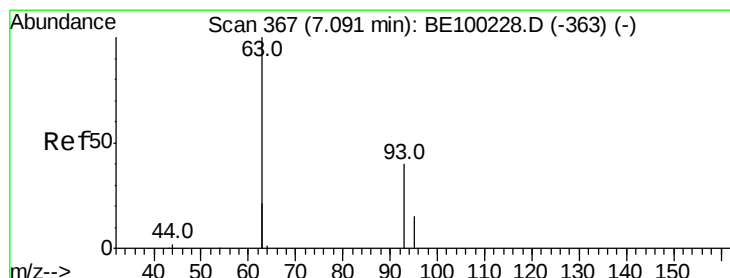
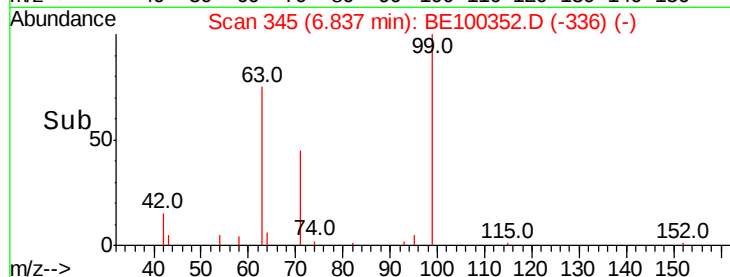
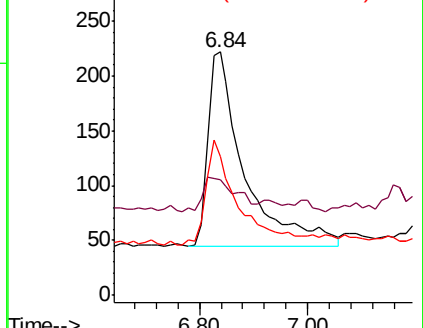
71 0.0 37.2 55.8#



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



#6

bis(2-Chloroethyl)ether

Concen: 0.390 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

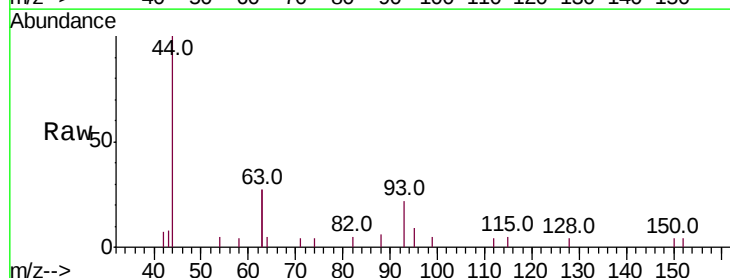
Tgt Ion: 93 Resp: 678

Ion Ratio Lower Upper

93 100

63 225.1 155.6 233.4

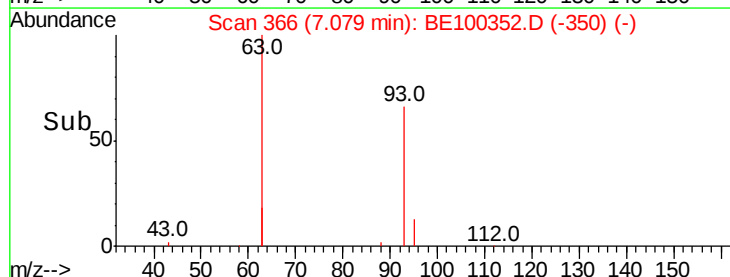
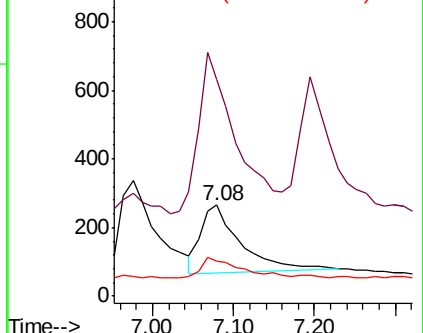
95 32.0 23.0 34.4

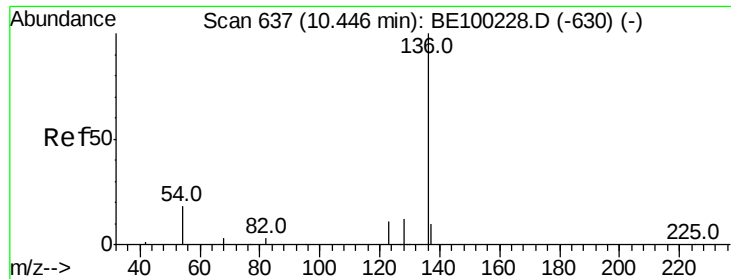


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 2123

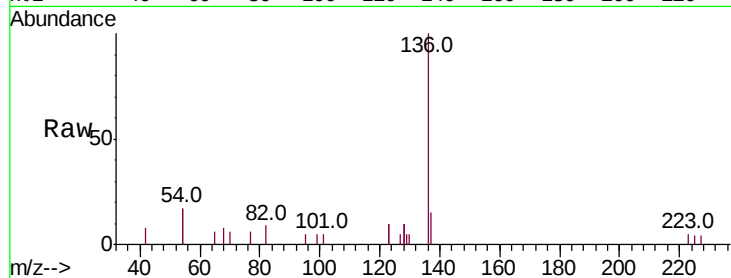
Ion Ratio Lower Upper

136 100

137 14.8 11.8 17.8

54 33.7 27.7 41.5

68 8.1 6.8 10.2

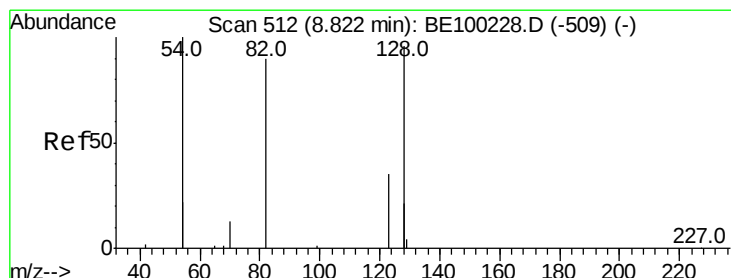
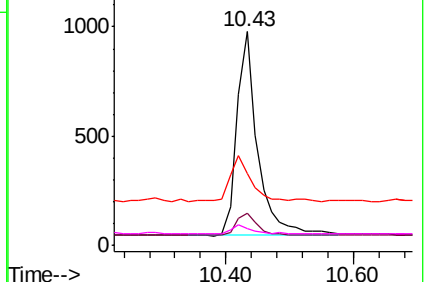
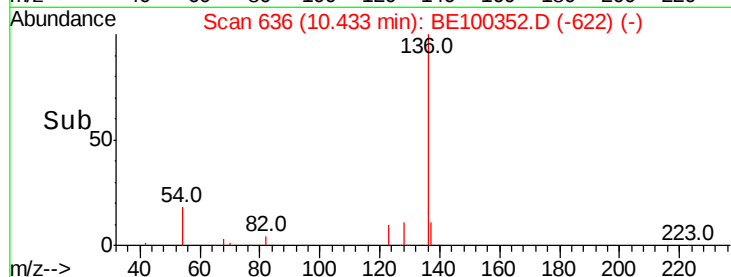


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.414 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

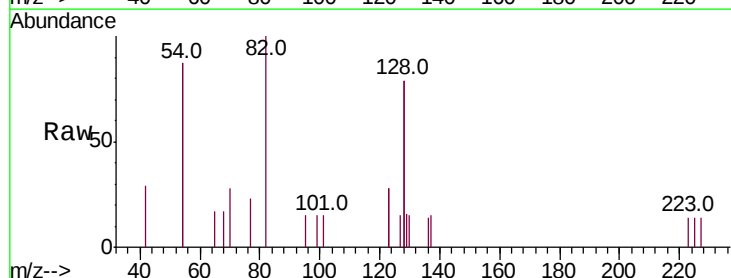
Tgt Ion: 82 Resp: 873

Ion Ratio Lower Upper

82 100

128 158.6 140.9 211.3

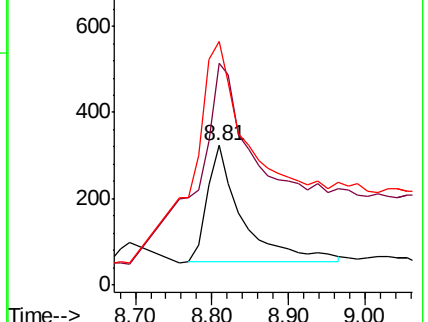
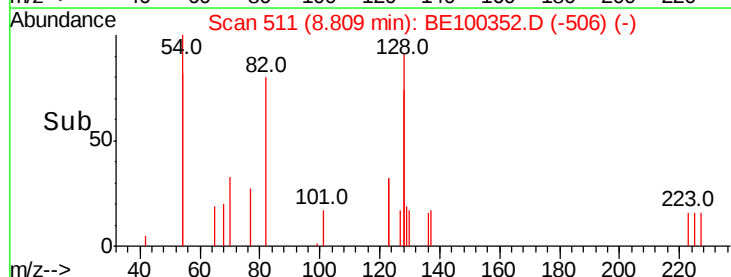
54 174.1 146.2 219.2

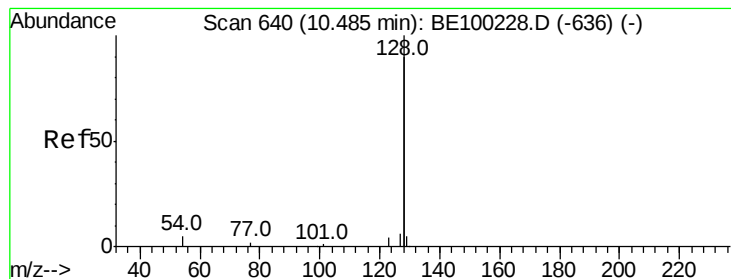


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.435 ng

RT: 10.48 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Instrument :

BNA_E

ClientSampled :

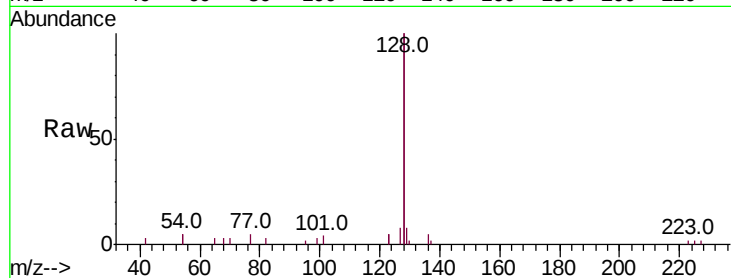
Tot Ion:128 Resp: 10193

Ion Ratio Lower Upper

128 100

129 3.8 3.0 4.6

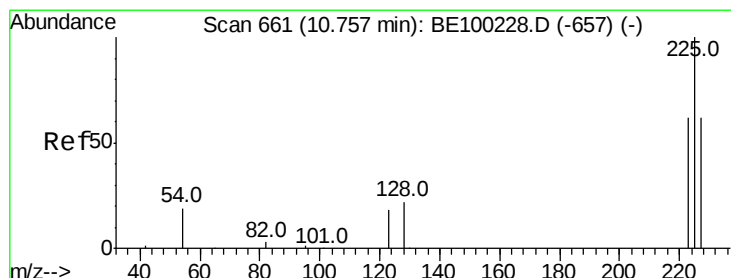
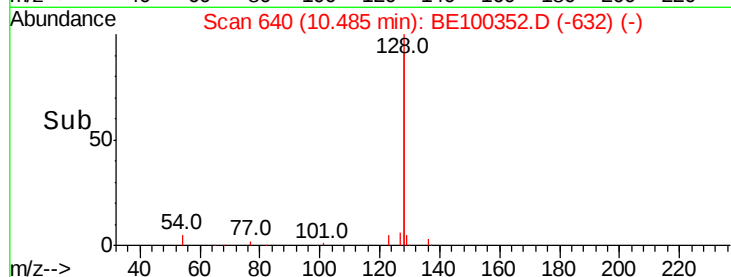
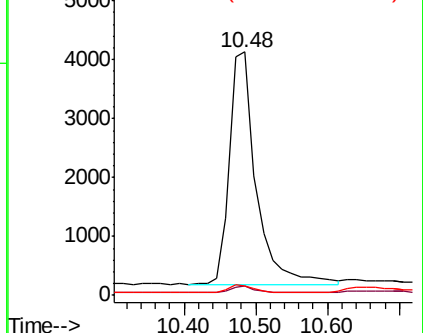
127 3.9 3.5 5.3



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: 0.512 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

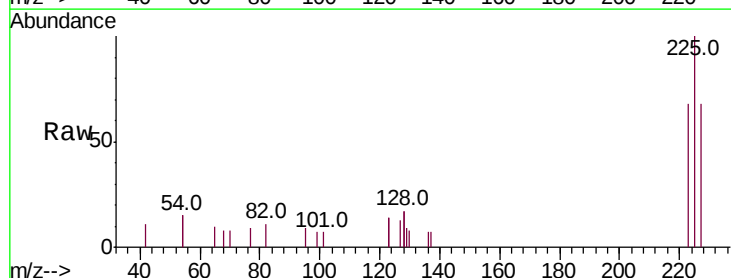
Tgt Ion:225 Resp: 1154

Ion Ratio Lower Upper

225 100

223 62.9 49.1 73.7

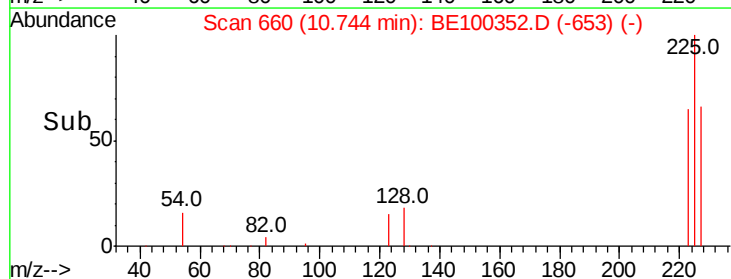
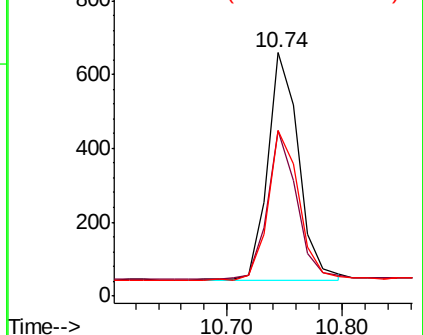
227 66.5 49.3 73.9

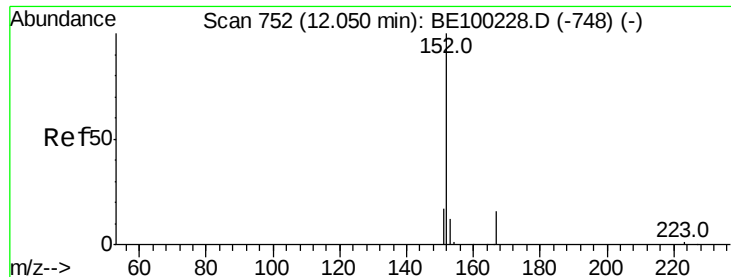


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.423 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Instrument :

BNA_E

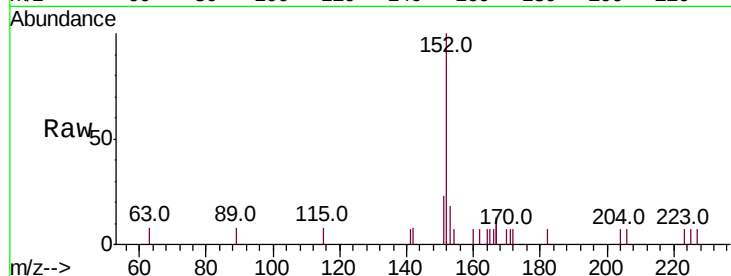
ClientSampleId :

Tot Ion:152 Resp: 1688

Ion Ratio Lower Upper

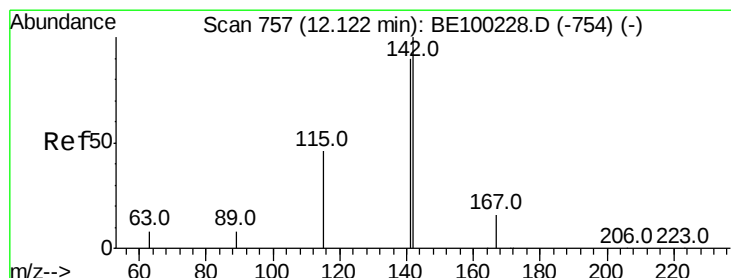
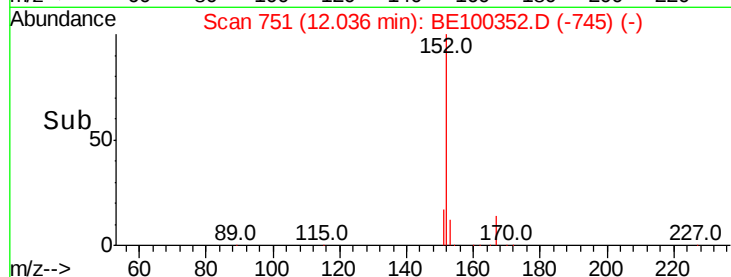
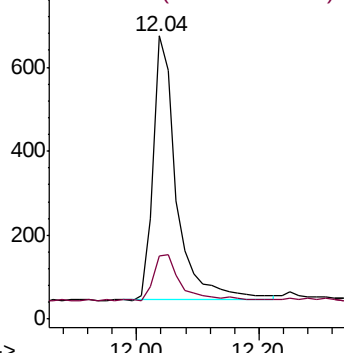
152 100

151 20.2 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.386 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

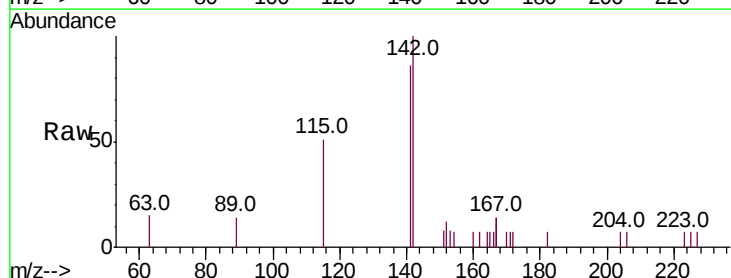
Tgt Ion:142 Resp: 1587

Ion Ratio Lower Upper

142 100

141 86.5 72.4 108.6

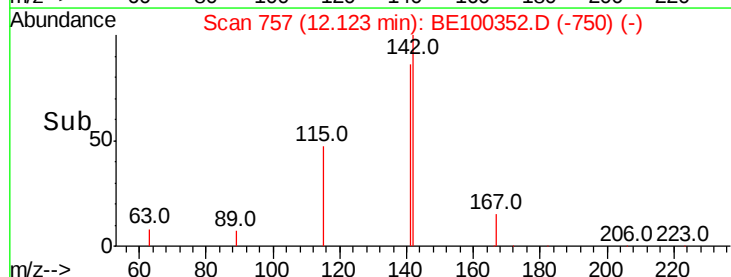
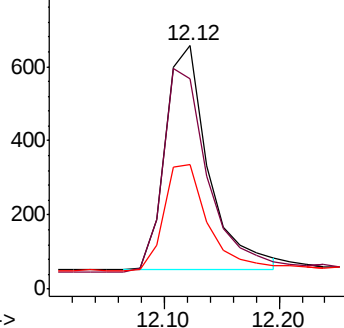
115 51.0 40.4 60.6

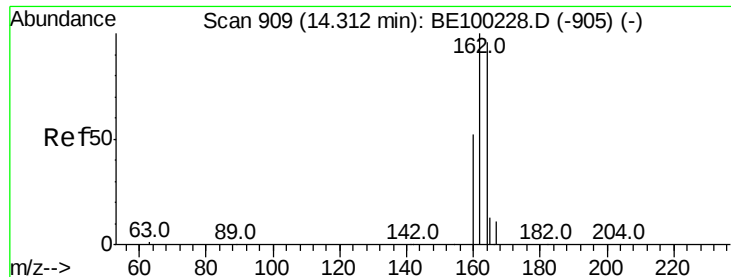


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Instrument :

BNA_E

ClientSampleId :

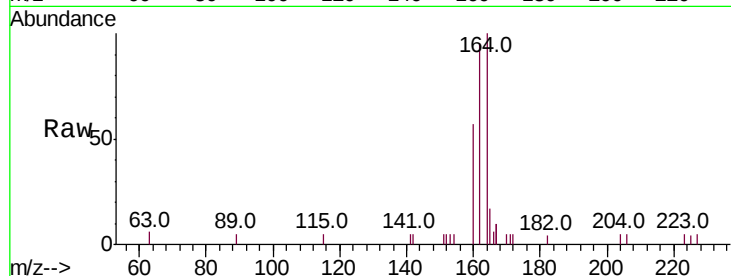
Tot Ion:164 Resp: 1554

Ion Ratio Lower Upper

164 100

162 95.1 83.4 125.0

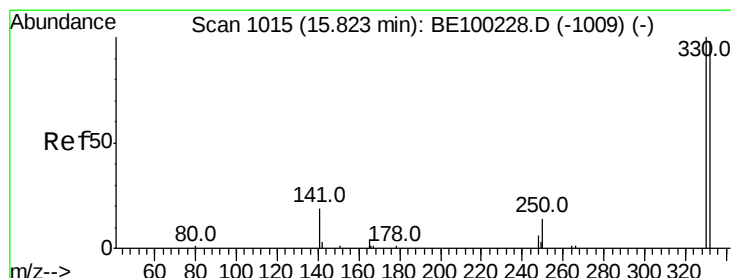
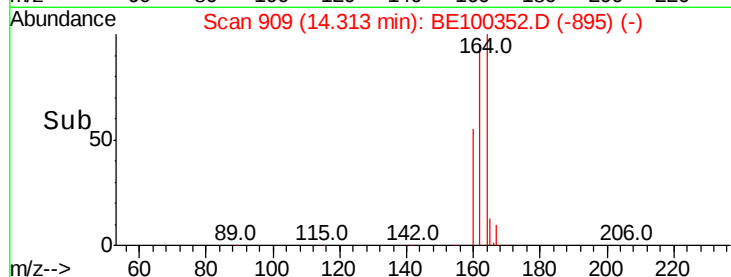
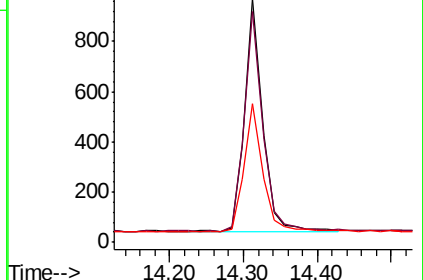
160 56.7 45.0 67.6



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: 0.378 ng

RT: 15.82 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

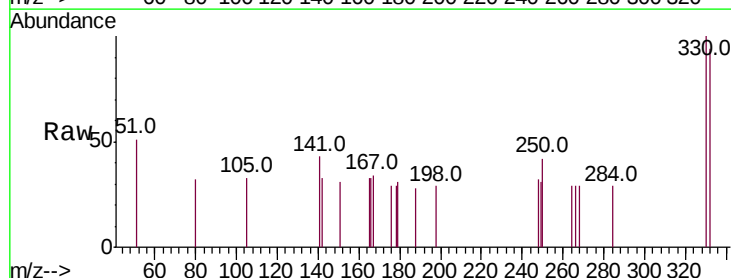
Tgt Ion:330 Resp: 411

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.4

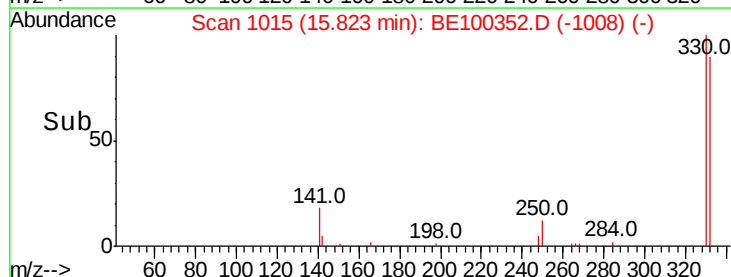
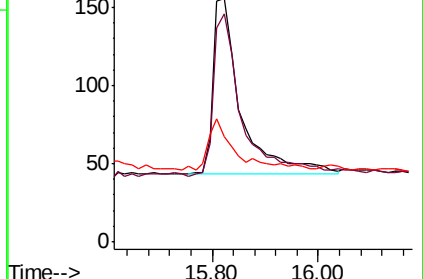
141 27.5 22.0 33.0

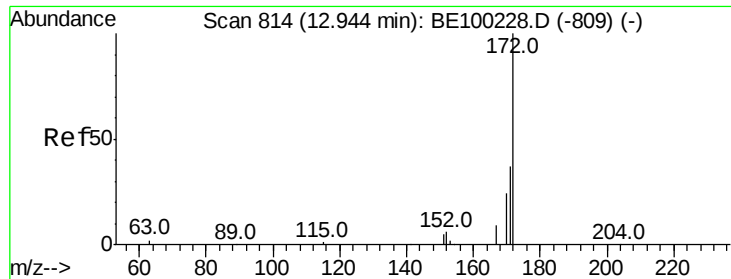


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

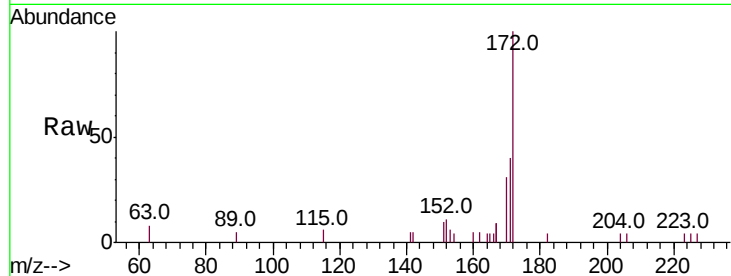




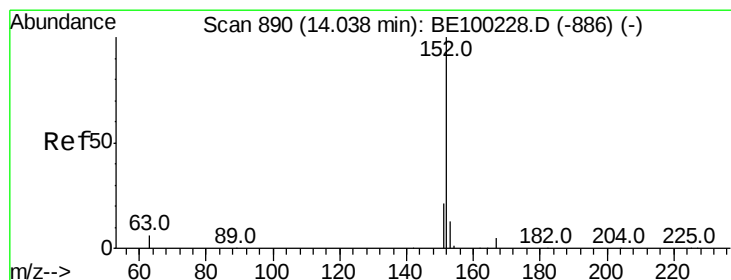
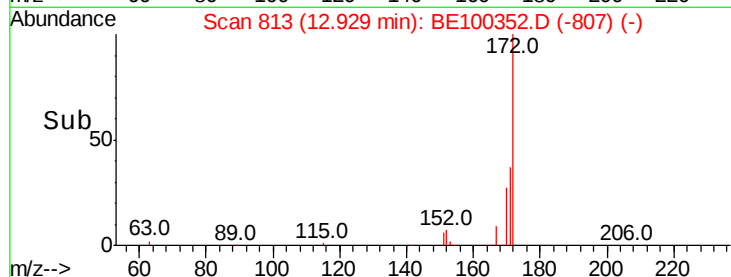
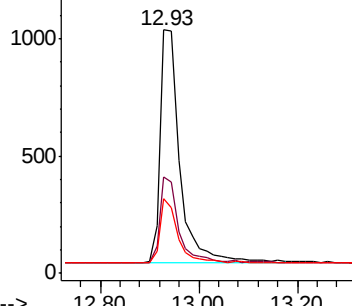
#15
2-Fluorobiphenyl
Concen: 0.452 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2739
Ion Ratio Lower Upper
172 100
171 39.6 31.9 47.9
170 30.6 22.2 33.2

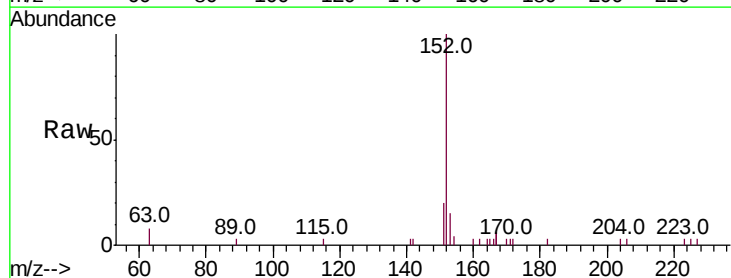


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

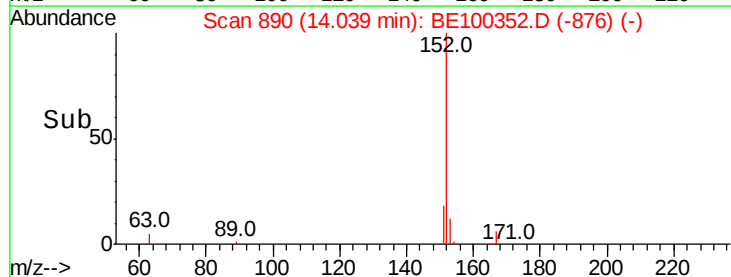
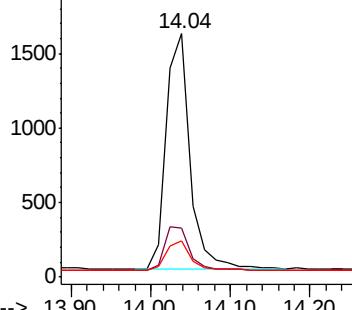


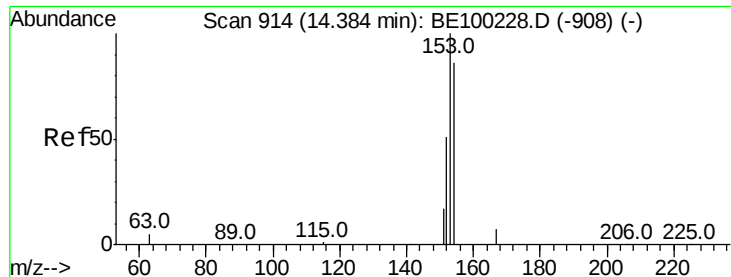
#16
Acenaphthylene
Concen: 0.443 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:152 Resp: 3307
Ion Ratio Lower Upper
152 100
151 19.5 16.6 25.0
153 13.2 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

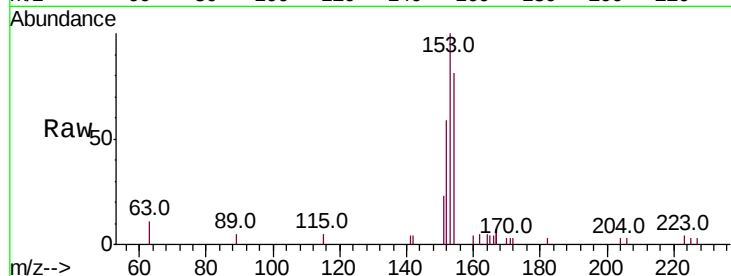




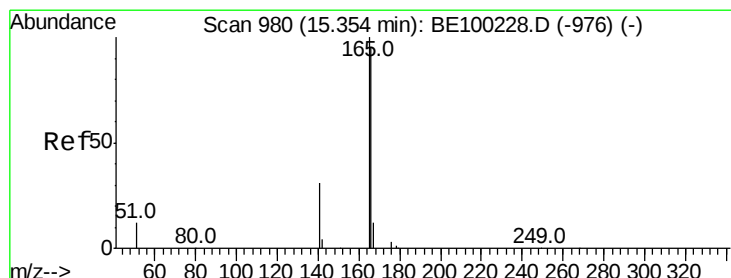
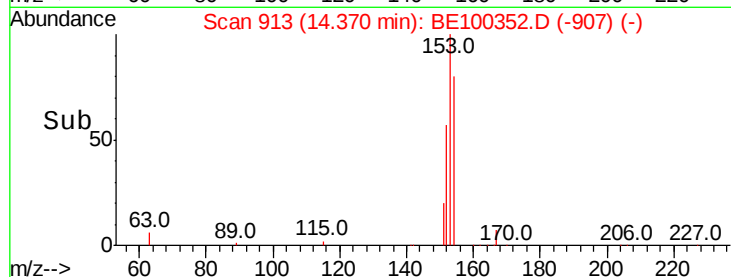
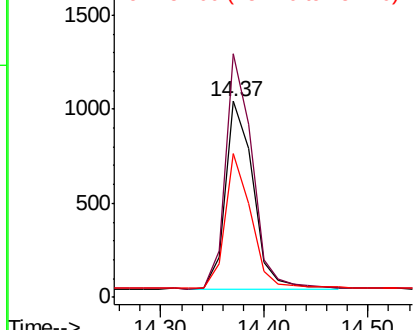
#17
Acenaphthene
Concen: 0.438 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 1852
Ion Ratio Lower Upper
154 100
153 121.0 93.4 140.2
152 66.8 49.4 74.2

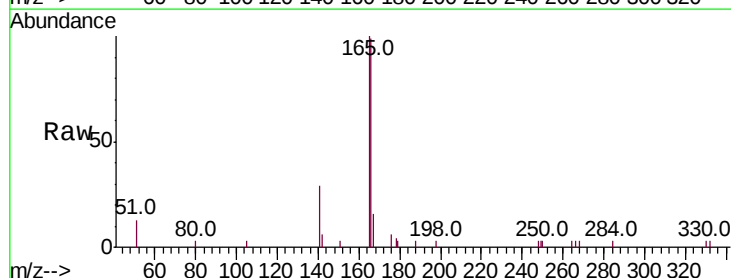


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

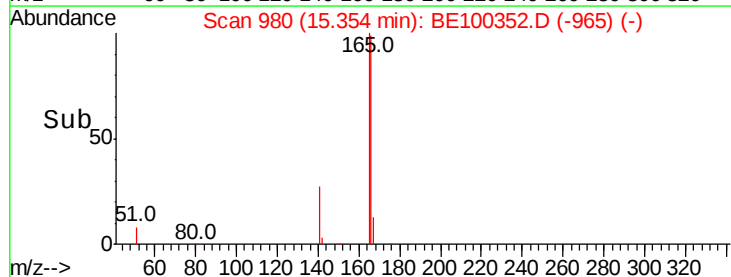
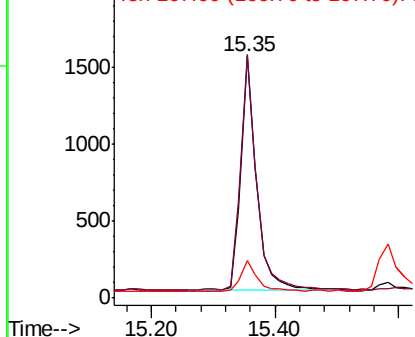


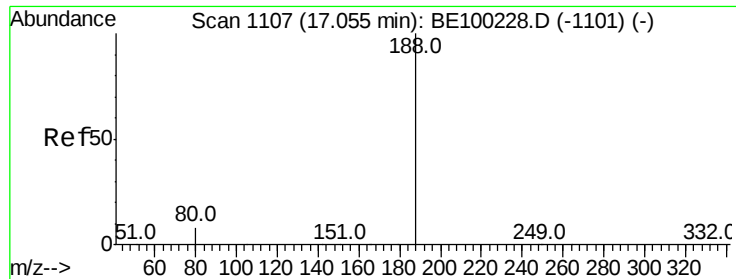
#18
Fluorene
Concen: 0.437 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:166 Resp: 2731
Ion Ratio Lower Upper
166 100
165 102.5 81.1 121.7
167 13.2 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

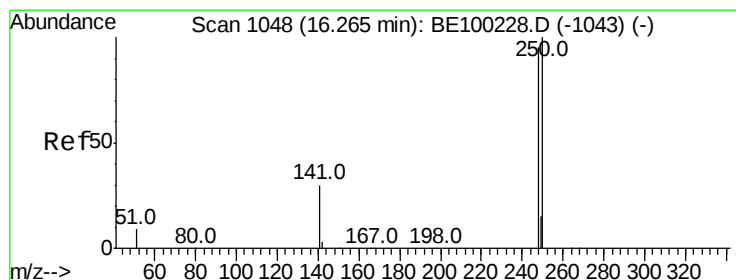
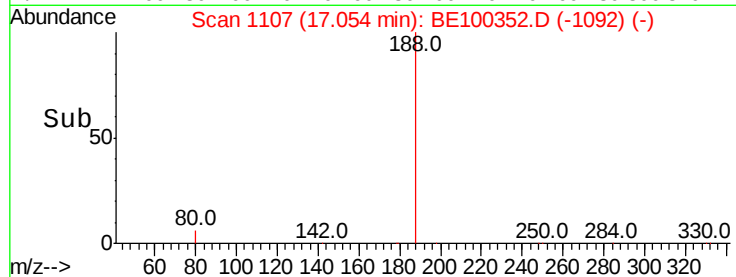
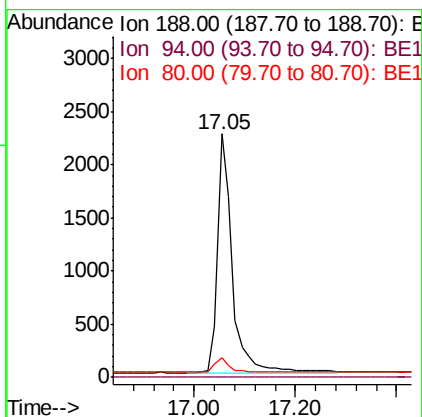
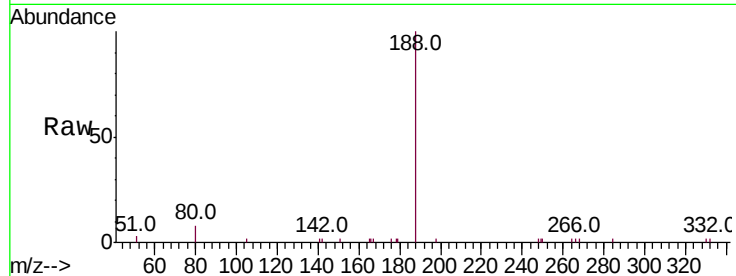




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

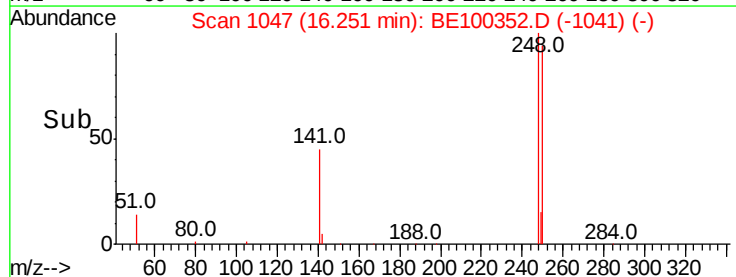
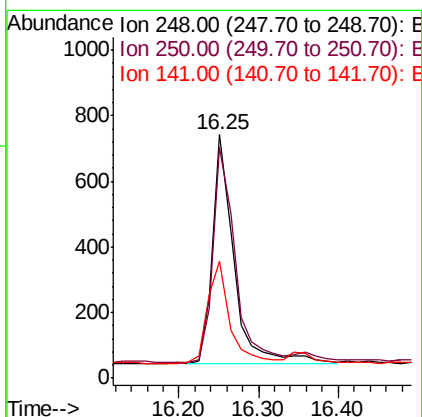
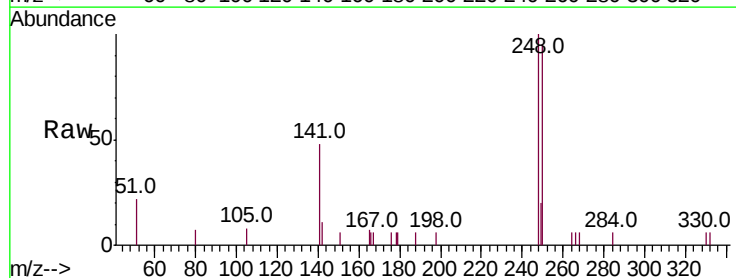
Instrument :
BNA_E
ClientSampleId :

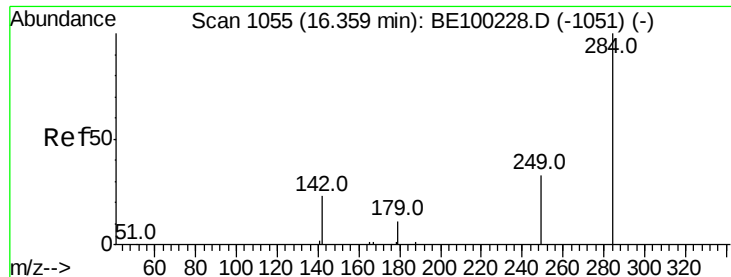
Tot Ion:188 Resp: 4528
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 7.6 11.4



#20
4-Bromophenyl-phenylether
Concen: 0.451 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:248 Resp: 1304
Ion Ratio Lower Upper
248 100
250 94.7 84.2 126.4
141 48.0 29.3 43.9#





#21

Hexachlorobenzene

Concen: 0.480 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Instrument :

BNA_E

ClientSampleId :

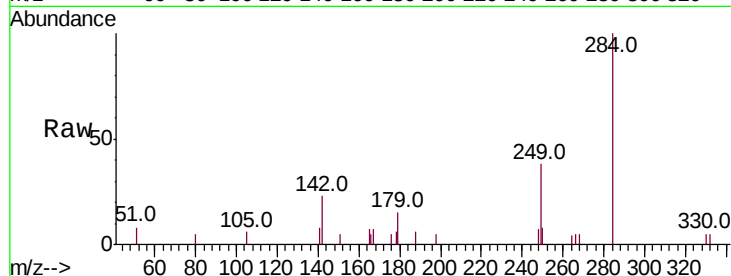
Tot Ion:284 Resp: 1439

Ion Ratio Lower Upper

284 100

142 23.3 18.8 28.2

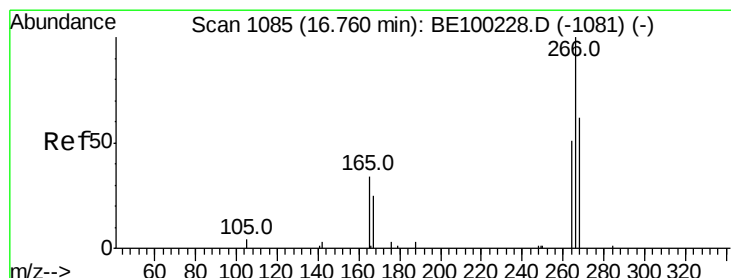
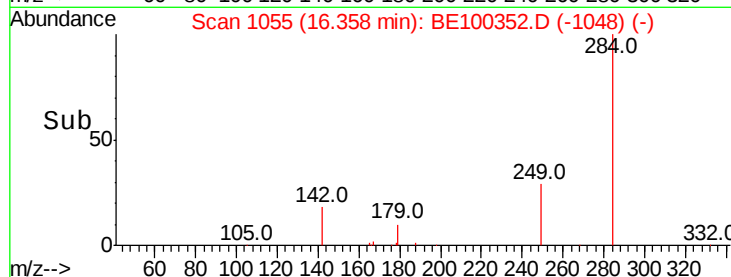
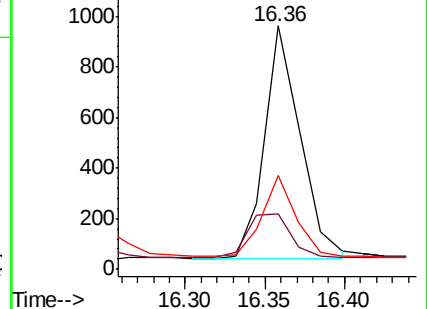
249 32.8 23.7 35.5



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: 0.254 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

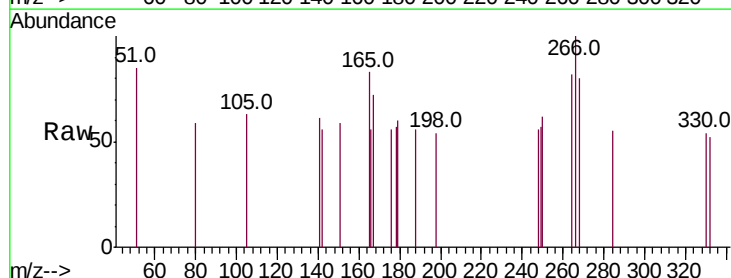
Tgt Ion:266 Resp: 229

Ion Ratio Lower Upper

266 100

264 81.7 56.2 84.2

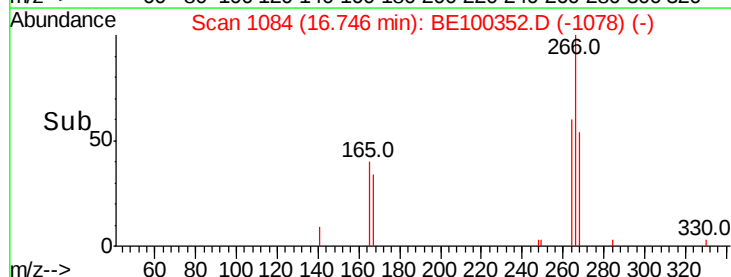
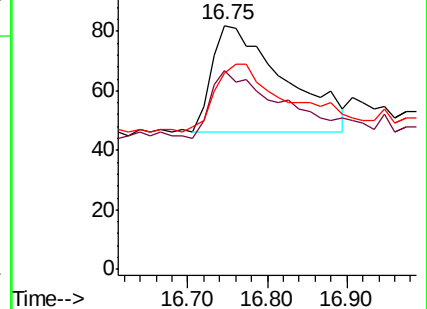
268 80.5 61.8 92.6

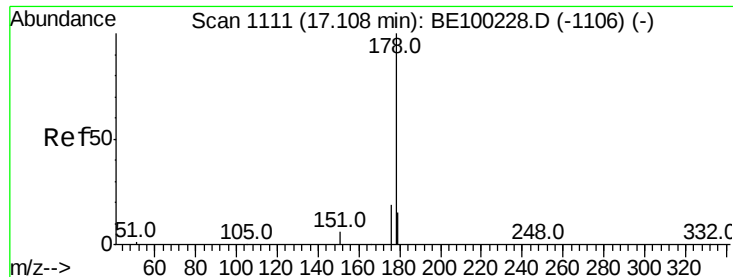


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.426 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Instrument :

BNA_E

ClientSampleId :

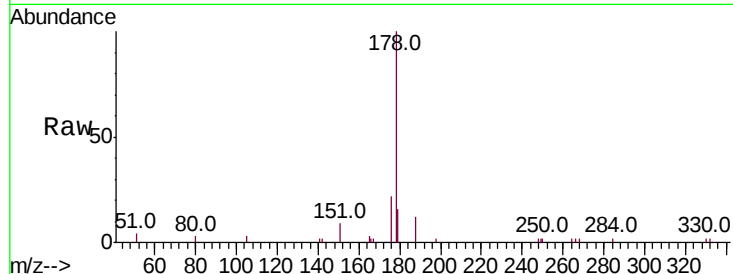
Tot Ion:178 Resp: 4679

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

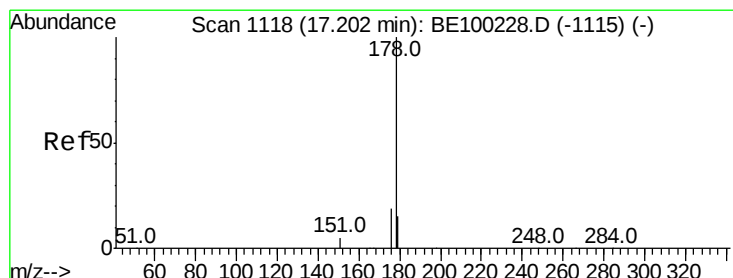
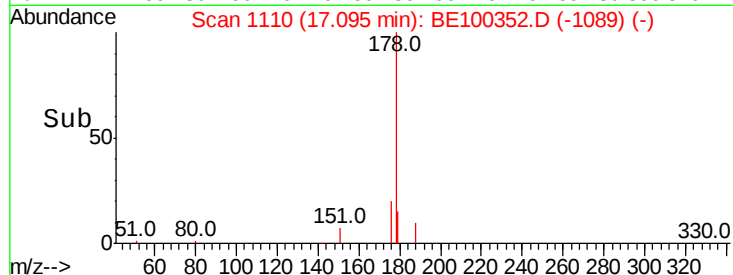
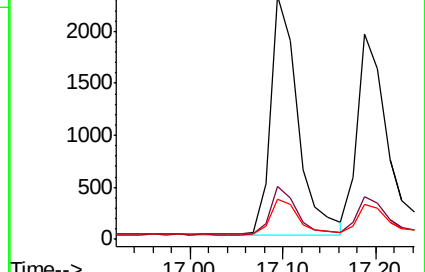
179 15.1 12.2 18.2



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: 0.407 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

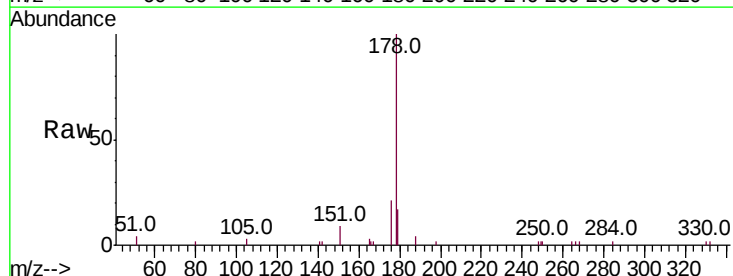
Tgt Ion:178 Resp: 4024

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

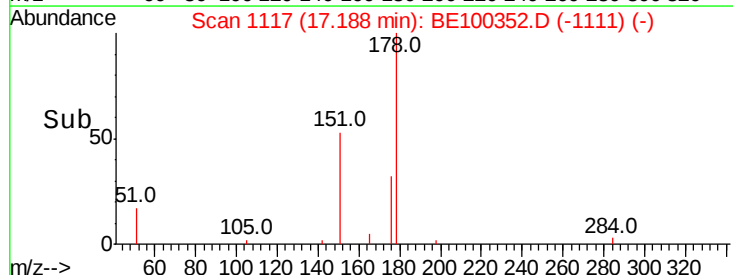
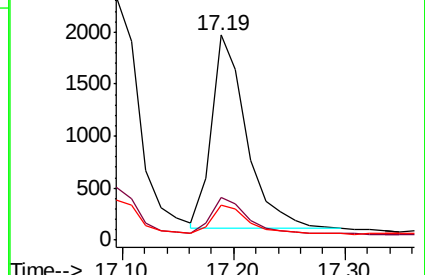
179 15.1 12.2 18.2

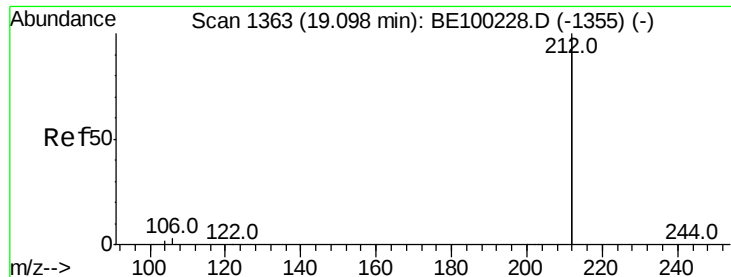


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100352.D

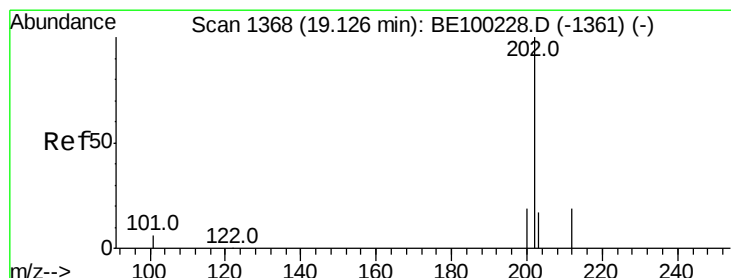
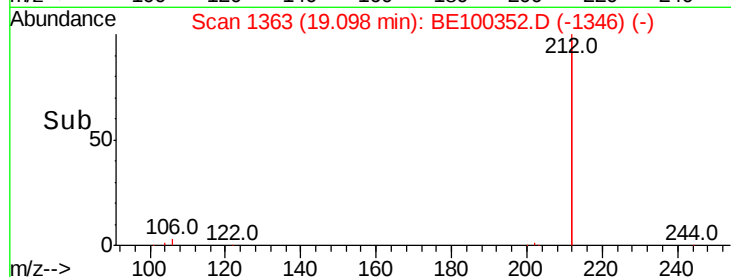
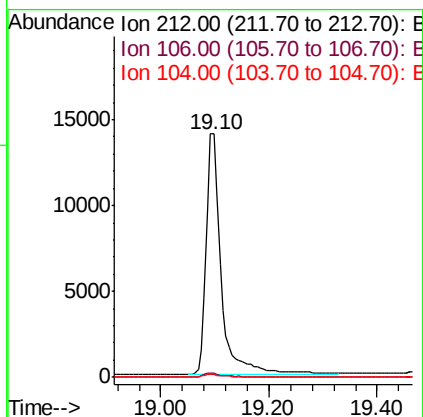
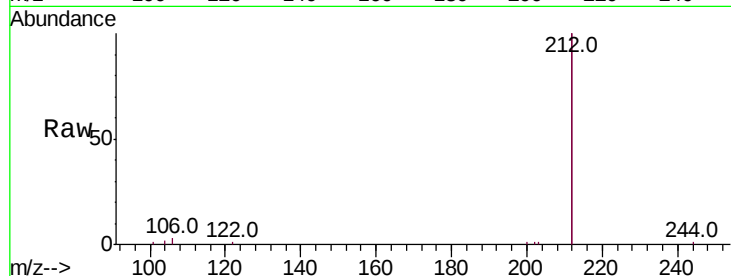
Acq: 4 Jul 2019 6:04

Instrument :

BNA_E

ClientSampleId :

Tot Ion:212	Resp:	26839
Ion Ratio	Lower	Upper
212	100	
106	1.4	1.3 1.9
104	0.9	0.8 1.2



#26

Fluoranthene

Concen: 0.418 ng

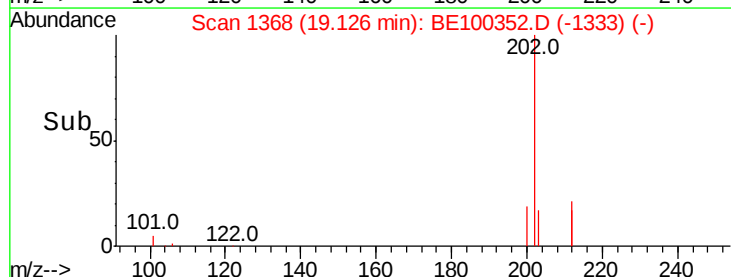
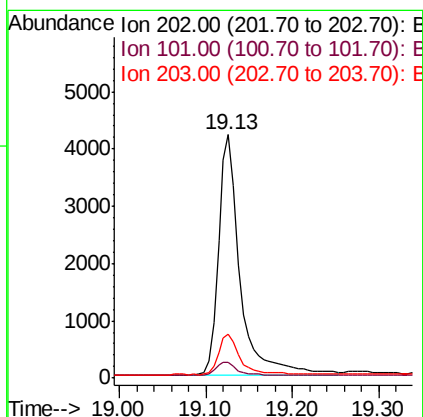
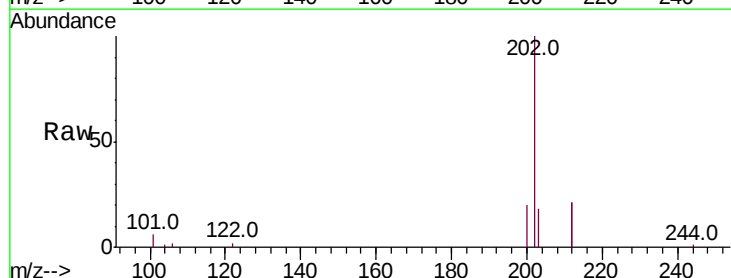
RT: 19.13 min Scan# 1368

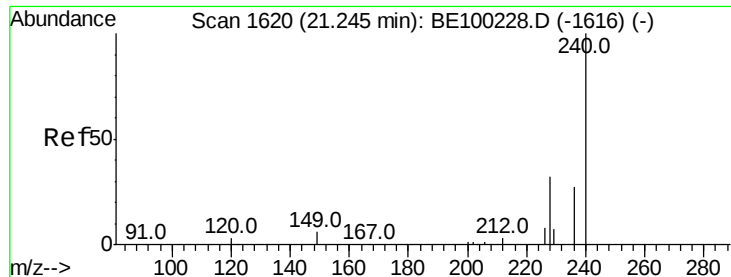
Delta R.T. 0.00 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Tgt Ion:202	Resp:	7300
Ion Ratio	Lower	Upper
202	100	
101	5.8	4.6 7.0
203	17.0	13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.24 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Instrument :

BNA_E

ClientSampleId :

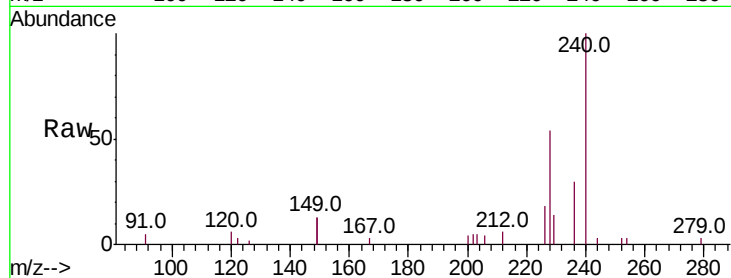
Tot Ion:240 Resp: 5494

Ion Ratio Lower Upper

240 100

120 6.3 3.3 4.9#

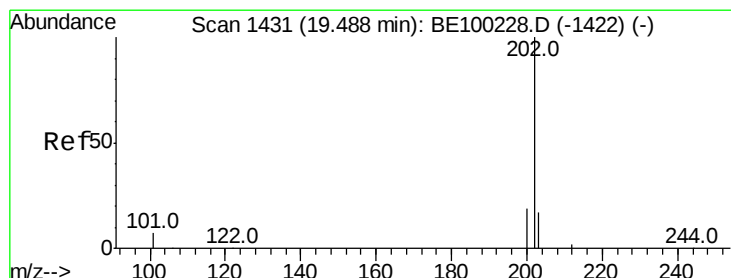
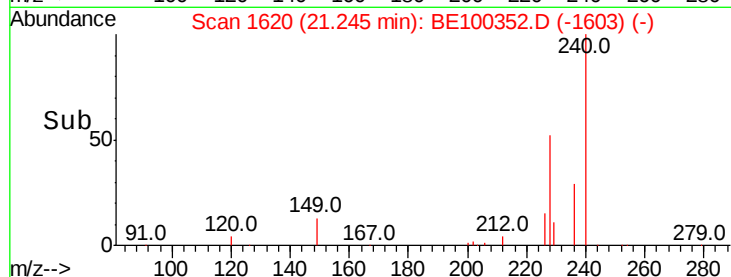
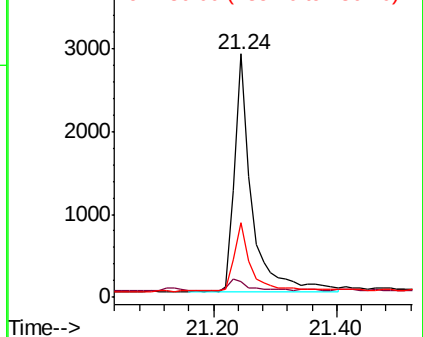
236 30.4 22.6 34.0



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: 0.522 ng

RT: 19.49 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

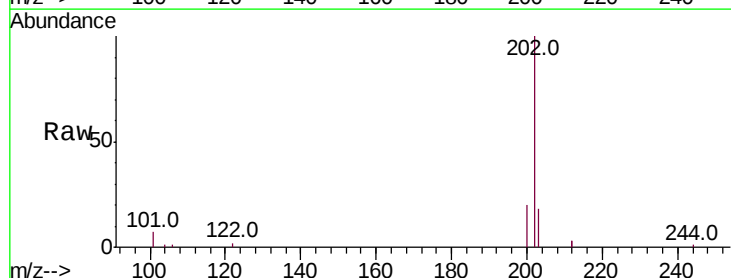
Tgt Ion:202 Resp: 7589

Ion Ratio Lower Upper

202 100

200 19.7 15.6 23.4

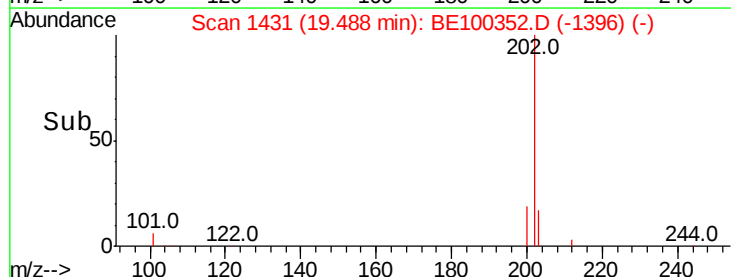
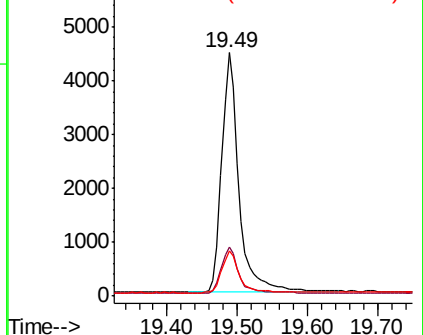
203 18.1 14.0 21.0

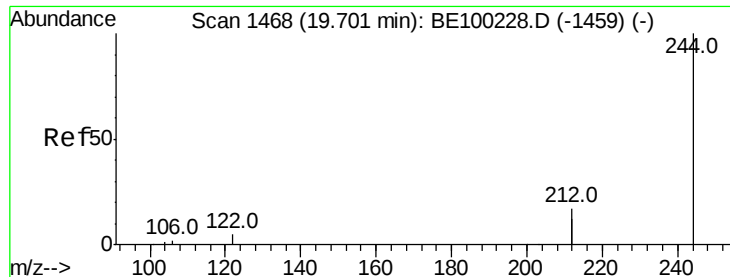


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.490 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Instrument :

BNA_E

ClientSampleId :

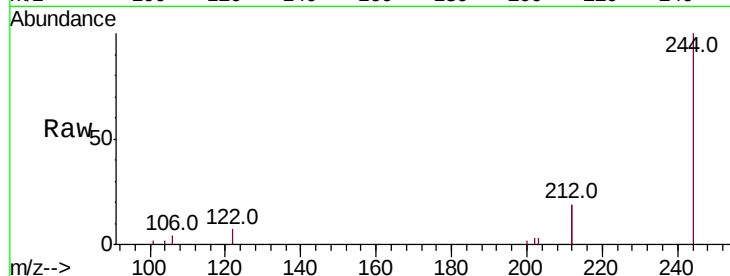
Tot Ion:244 Resp: 5584

Ion Ratio Lower Upper

244 100

212 38.0 27.3 40.9

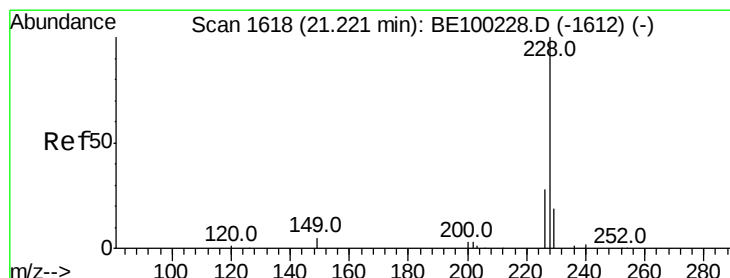
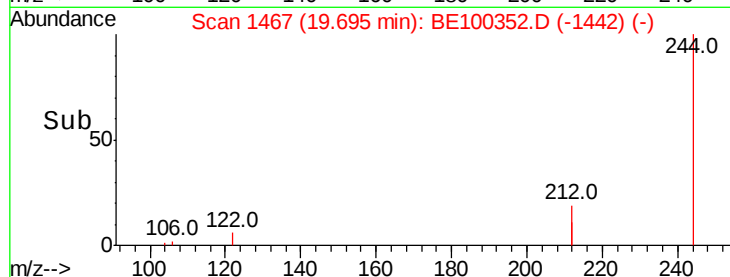
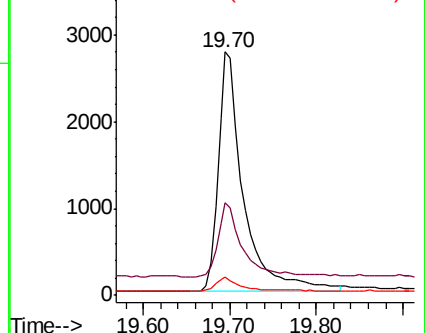
122 7.3 4.7 7.1#



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: 0.423 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

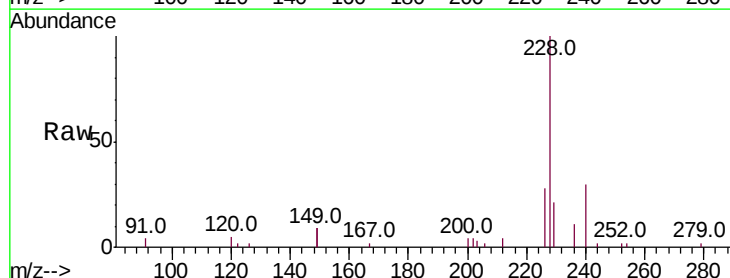
Tgt Ion:228 Resp: 7650

Ion Ratio Lower Upper

228 100

226 27.7 23.2 34.8

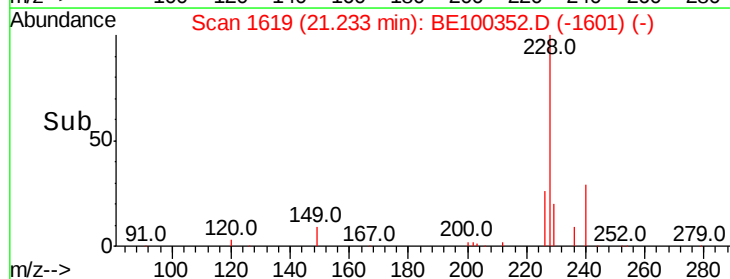
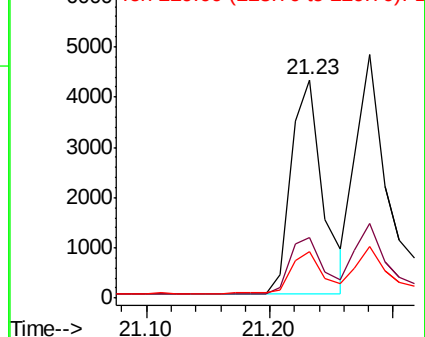
229 21.4 15.7 23.5

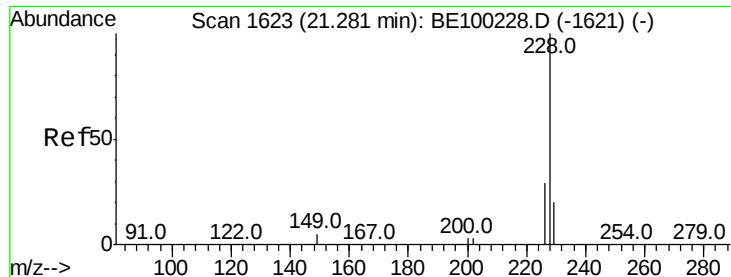


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.442 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

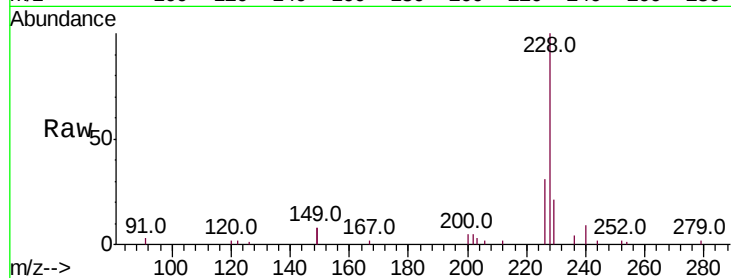
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 8014

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	21.1	16.5	24.7

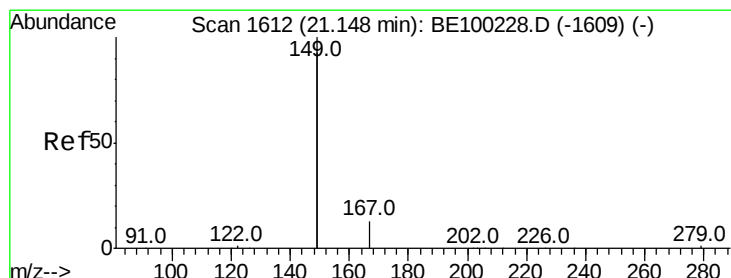
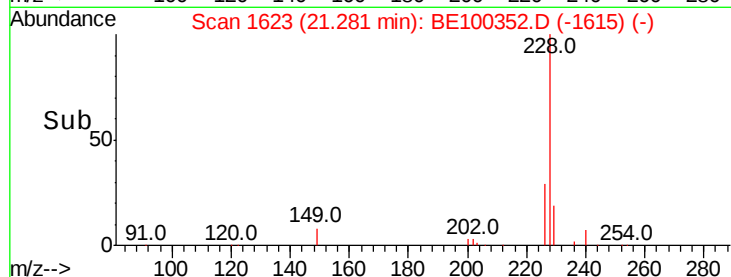
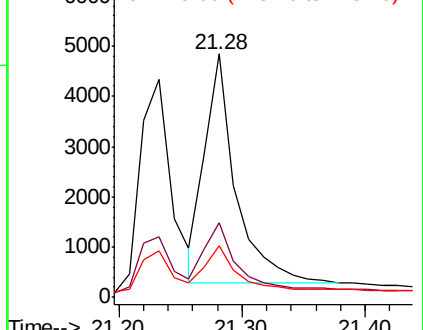


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.480 ng

RT: 21.15 min Scan# 1612

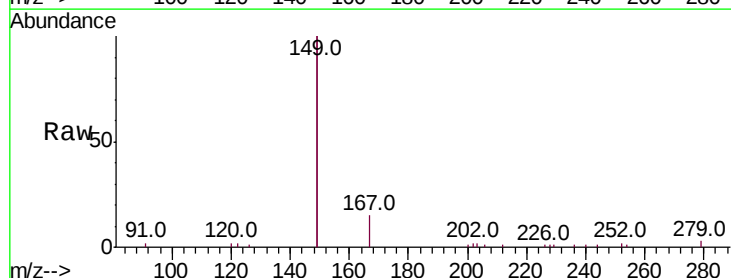
Delta R.T. 0.00 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Tgt Ion:149 Resp: 13727

Ion	Ratio	Lower	Upper
149	100		
167	7.1	5.8	8.8
279	1.5	1.1	1.7

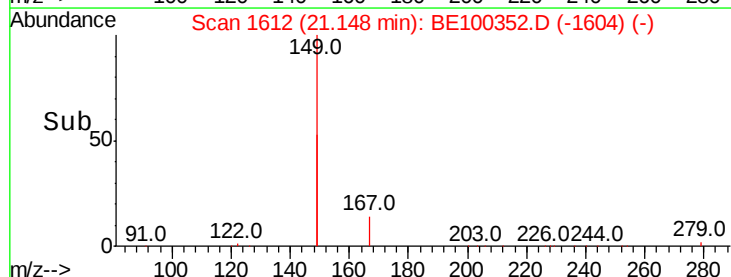
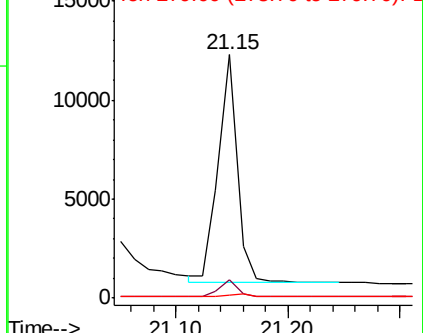


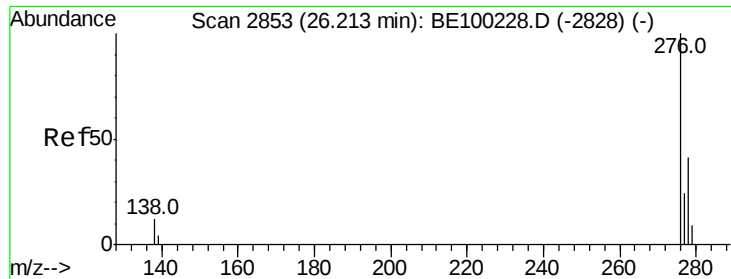
Abundance

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





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.387 ng

RT: 26.22 min Scan# 2856

Delta R.T. 0.01 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Instrument :

BNA_E

ClientSampleId :

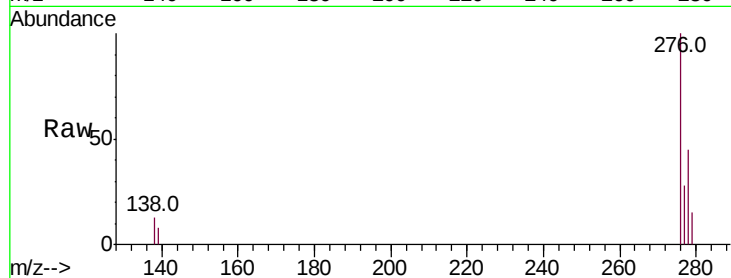
Tot Ion:276 Resp: 9275

Ion Ratio Lower Upper

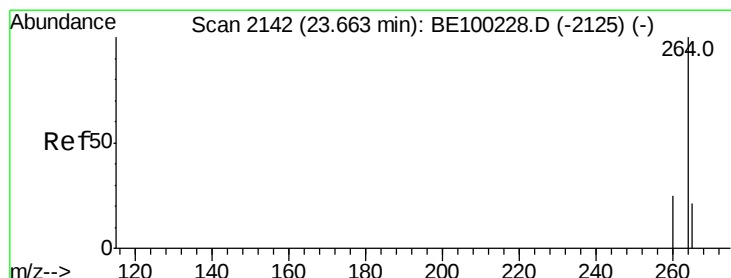
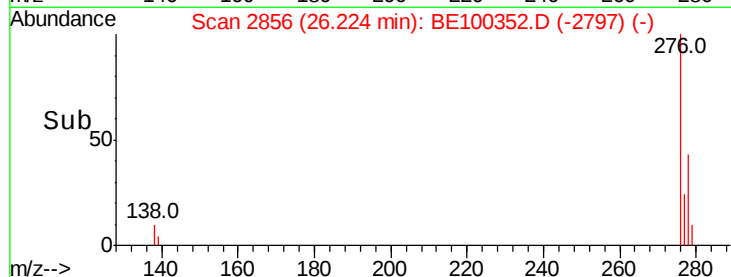
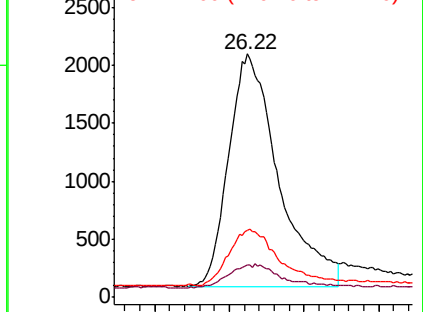
276 100

138 5.2 9.4 14.0#

277 24.3 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# 2143

Delta R.T. 0.00 min

Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

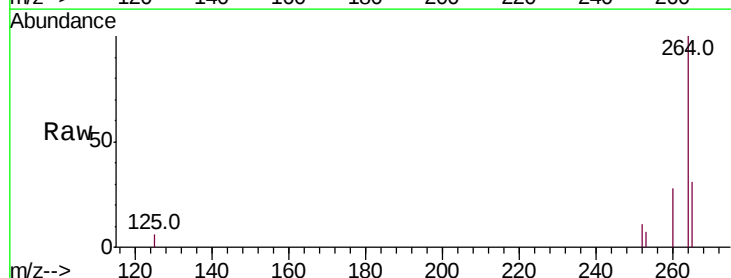
Tgt Ion:264 Resp: 6724

Ion Ratio Lower Upper

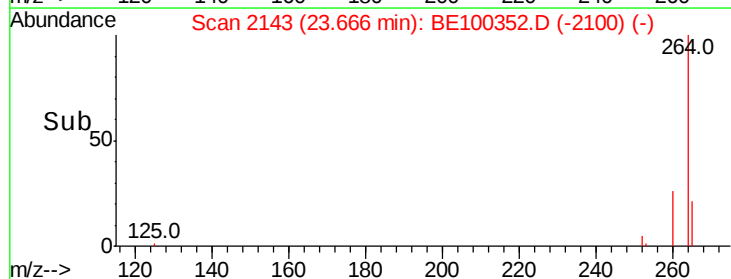
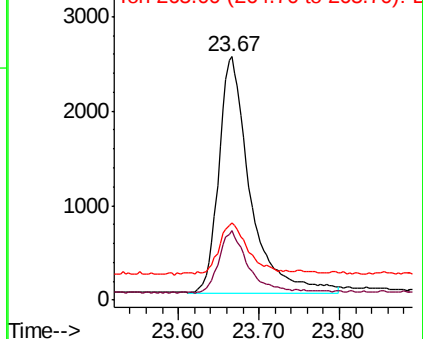
264 100

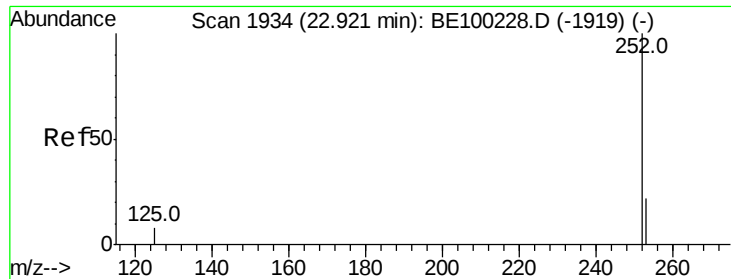
260 28.3 20.8 31.2

265 31.5 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

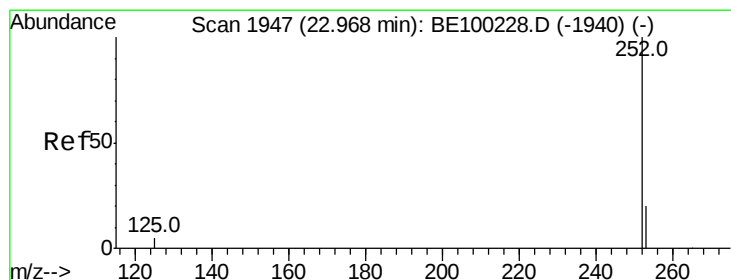
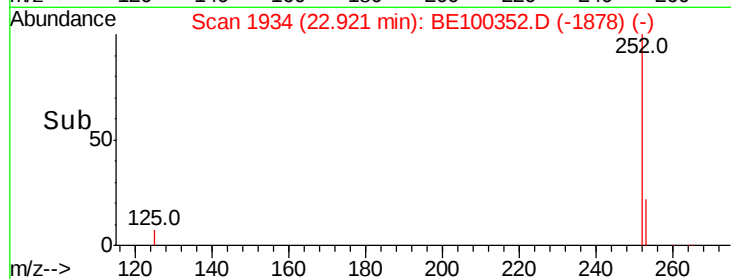
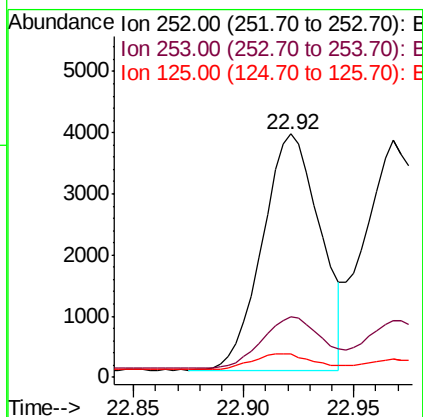
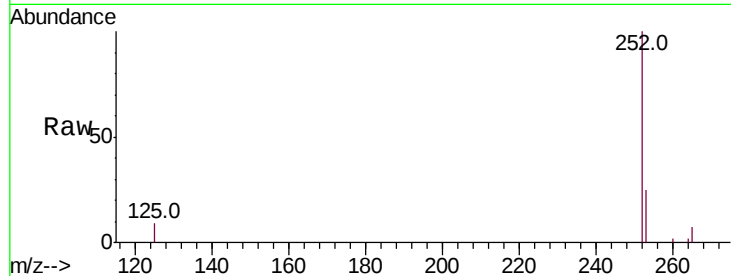




#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 22.92 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

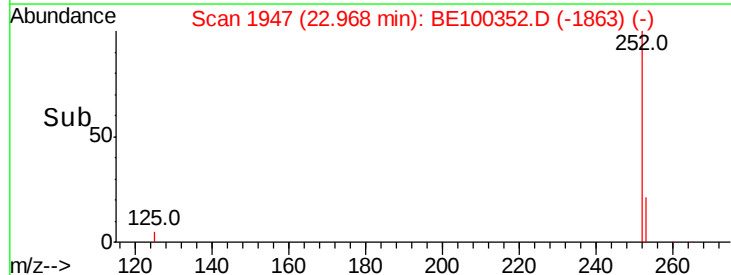
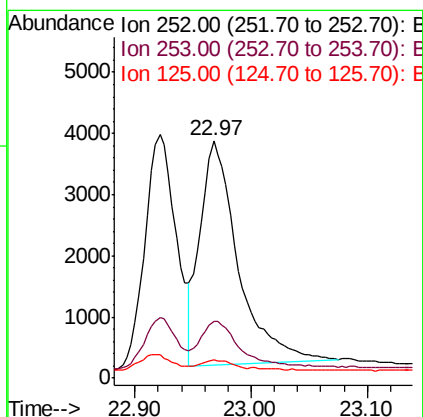
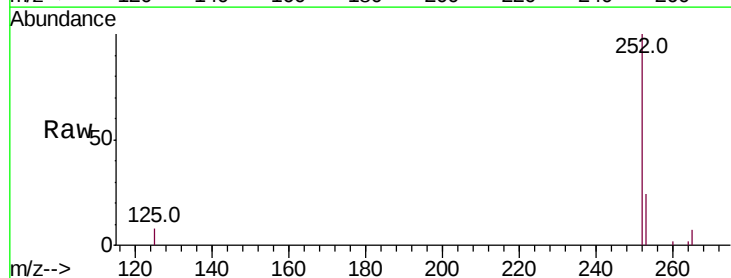
Instrument :
BNA_E
ClientSampled :

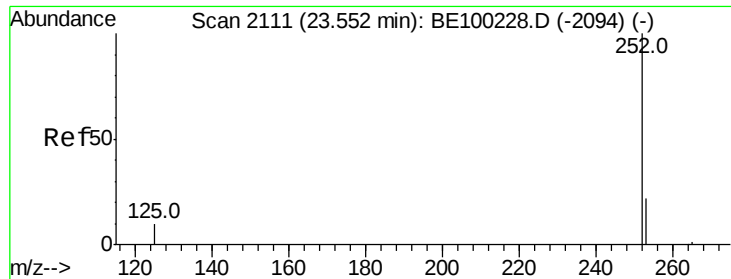
Tot Ion:252 Resp: 7035
Ion Ratio Lower Upper
252 100
253 25.1 19.2 28.8
125 9.5 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.411 ng
RT: 22.97 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:252 Resp: 8367
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 7.6 5.0 7.4#

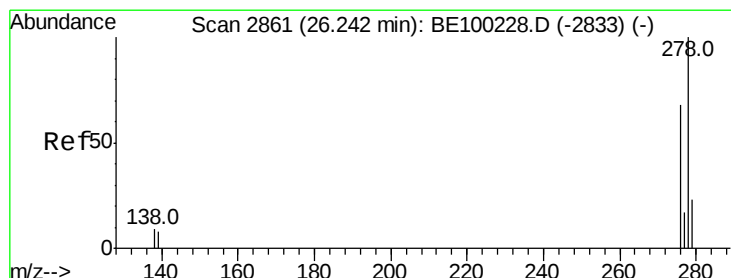
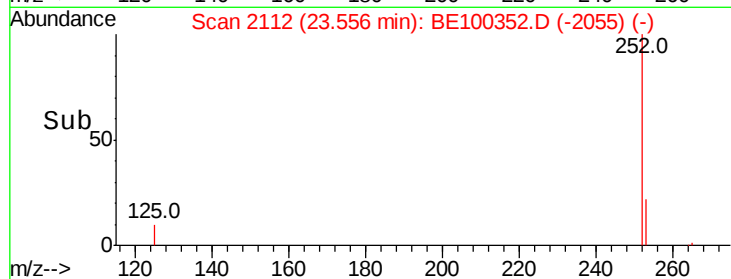
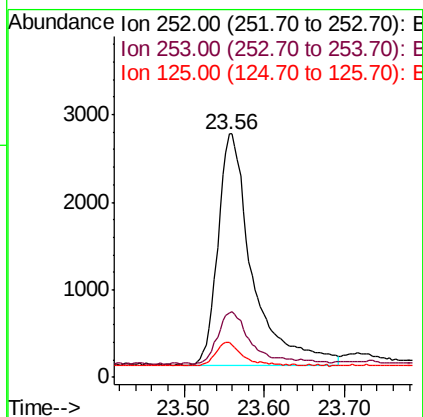
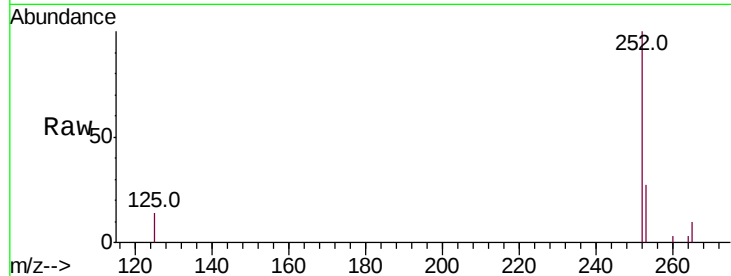




#37
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.56 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

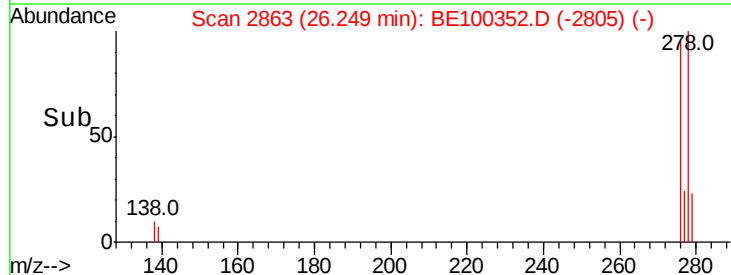
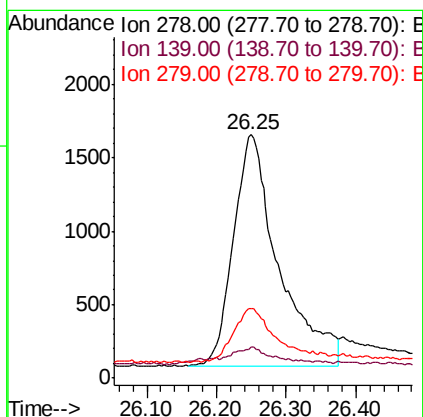
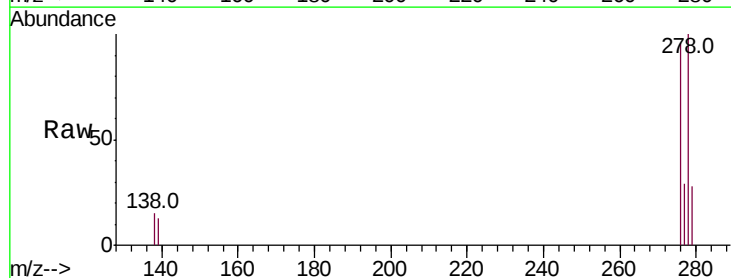
Instrument :
BNA_E
ClientSampleId :

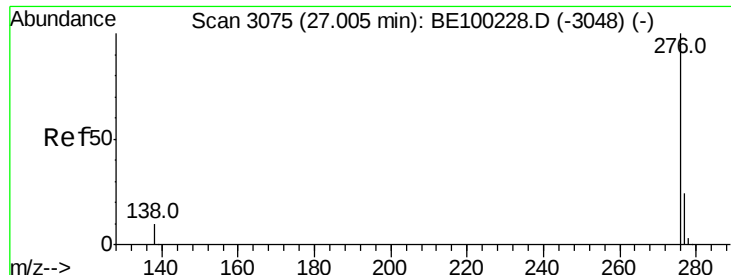
Tot Ion:252 Resp: 7804
Ion Ratio Lower Upper
252 100
253 26.7 19.6 29.4
125 14.3 9.0 13.6#



#38
Dibenzo(a,h)anthracene
Concen: 0.371 ng
RT: 26.25 min Scan# 2863
Delta R.T. 0.01 min
Lab File: BE100352.D
Acq: 4 Jul 2019 6:04

Tgt Ion:278 Resp: 7081
Ion Ratio Lower Upper
278 100
139 12.5 8.2 12.2#
279 28.3 20.3 30.5





#39

Benzo(a,h,i)perylene

Concen: 0.442 ng

RT: 27.01 min Scan# 3076

Delta R.T. 0.00 min

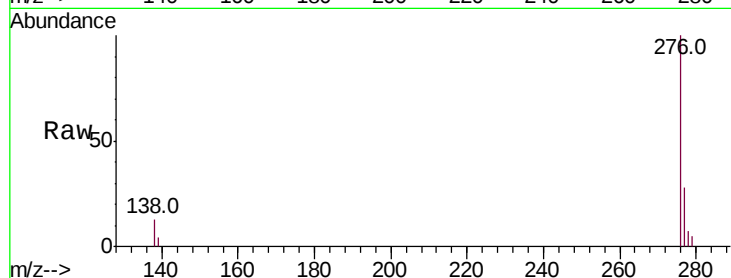
Lab File: BE100352.D

Acq: 4 Jul 2019 6:04

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 8666

Ion Ratio Lower Upper

276 100

277 27.6 20.2 30.2

138 13.2 9.0 13.6

