

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071719\
 Data File : BE100455.D
 Acq On : 17 Jul 2019 18:55
 Operator : HP/JU
 Sample : K3818-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 18 02:09:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 16 14:03:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	66	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	44	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	638	0.40	ng	-0.03
19) Phenanthrene-d10	17.24	188	134	0.40	ng	0.01
27) Chrysene-d12	21.35	240	2709	0.40	ng	-0.04
34) Perylene-d12	23.81	264	5710	0.40	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	3697	29.44	ng	0.00
5) Phenol-d6	7.04	99	5488	29.58	ng	0.00
8) Nitrobenzene-d5	9.03	82	3649	150.25	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	10904	163.80	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1337	9.28	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	11062	3.87	ng	0.00
25) Fluoranthene-d10	19.26	212	72136	45.19	ng	0.00
29) Terphenyl-d14	19.79	244	549	0.08	ng	-0.06

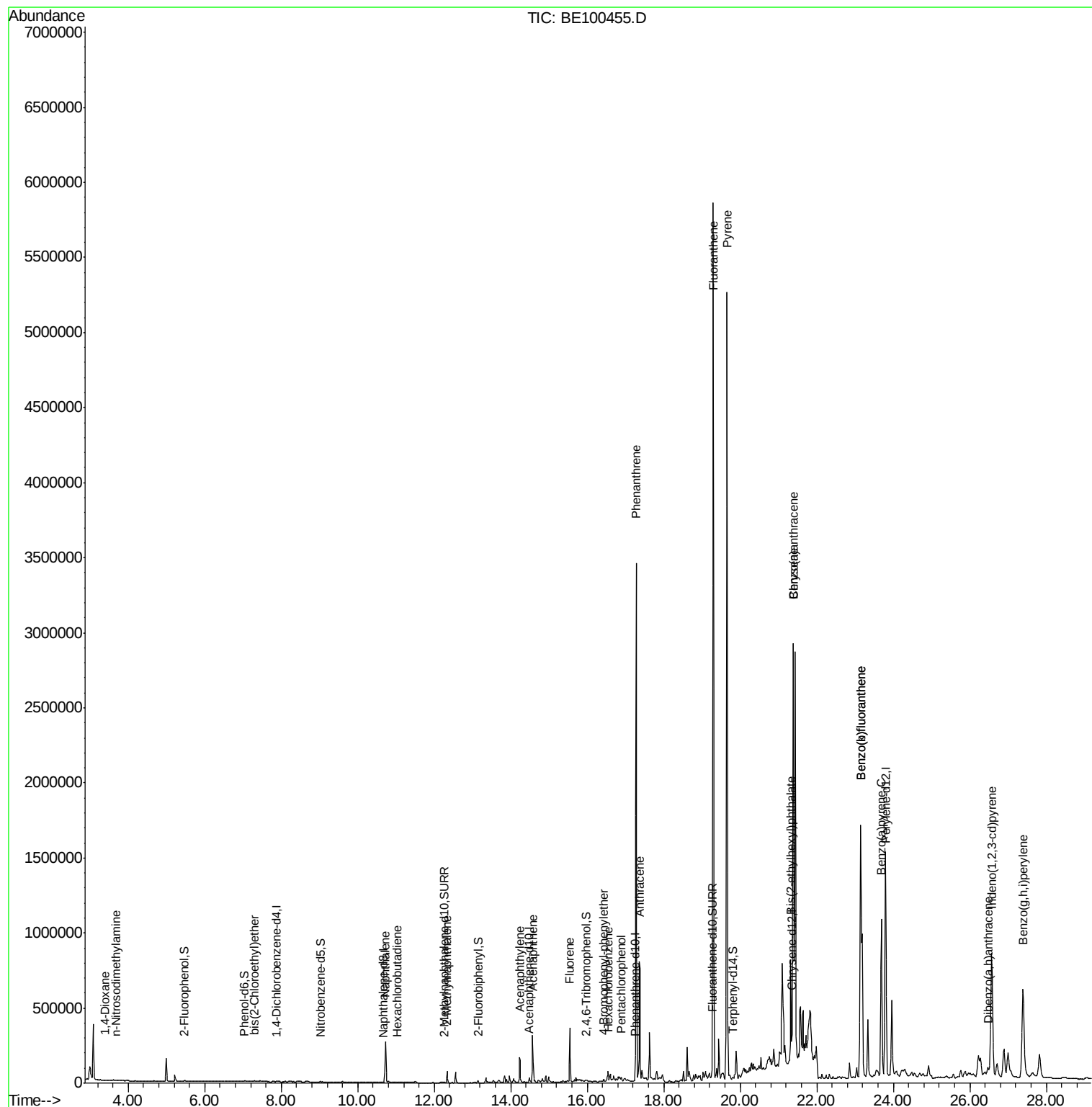
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	1547	20.150	ng	# 44
3) n-Nitrosodimethylamine	3.69	42	1224	21.401	ng	# 41
6) bis(2-Chloroethyl)ether	7.31	93	5060	26.986	ng	79
9) Naphthalene	10.72	128	485856	1133.306	ng	100
10) Hexachlorobutadiene	11.03	225	2420	116.520	ng	97
12) 2-Methylnaphthalene	12.34	142	51921	724.530	ng	99
16) Acenaphthylene	14.23	152	231557	89.731	ng	99
17) Acenaphthene	14.57	154	151573	85.485	ng	96
18) Fluorene	15.54	166	253945	111.057	ng	98
20) 4-Bromophenyl-phenylether	16.44	248	3481	49.779	ng	# 76
21) Hexachlorobenzene	16.56	284	3294	40.306	ng	# 91
22) Pentachlorophenol	16.89	266	4151	213.234	ng	95
23) Phenanthrene	17.28	178	3502353	9809.498	ng	97
24) Anthracene	17.36	178	980212	3326.432	ng	97
26) Fluoranthene	19.29	202	5489163	12096.525	ng	96
28) Pyrene	19.66	202	5088466	642.090	ng	# 89
30) Benzo(a)anthracene	21.39	228	3277292	445.743	ng	92
31) Chrysene	21.39	228	3216351	368.371	ng	97
32) Bis(2-ethylhexyl)phthalate	21.32	149	718576	136.264	ng	# 97
33) Indeno(1,2,3-cd)pyrene	26.57	276	1577199	203.178	ng	96
35) Benzo(b)fluoranthene	23.14	252	3265986	187.205	ng	97
36) Benzo(k)fluoranthene	23.14	252	3265986	176.909	ng	97
37) Benzo(a)pyrene	23.68	252	1606825	112.010	ng	95
38) Dibenzo(a,h)anthracene	26.47	278	82260	5.378	ng	# 60
39) Benzo(g,h,i)perylene	27.39	276	1441317	90.107	ng	99

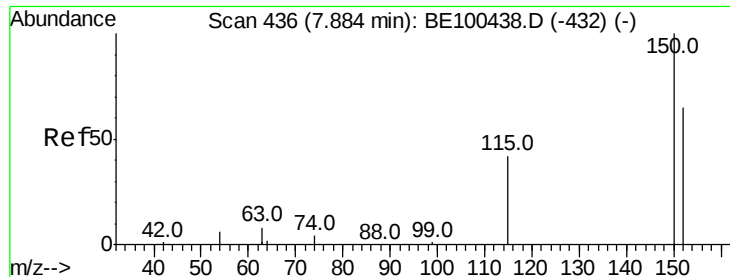
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 436

Delta R.T. -0.00 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

ClientSampleId :

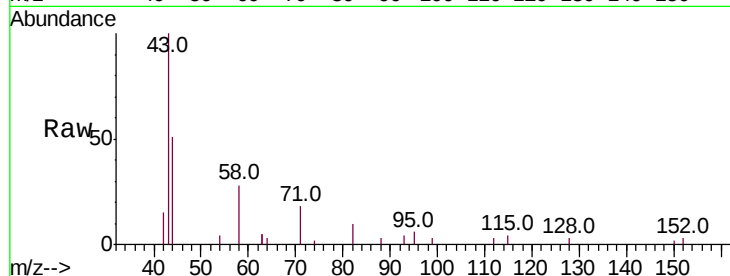
Tot Ion:152 Resp: 66

Ion Ratio Lower Upper

152 100

150 85.8 121.7 182.5#

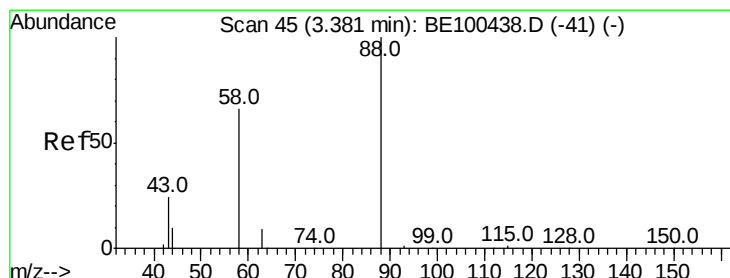
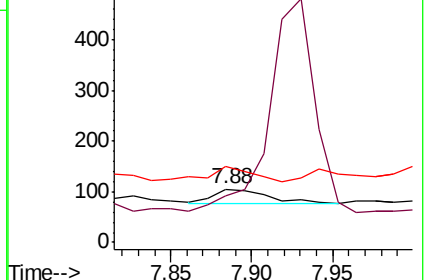
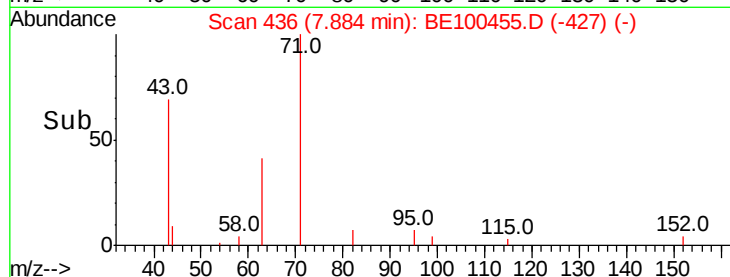
115 141.5 52.4 78.6#



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: 20.150 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

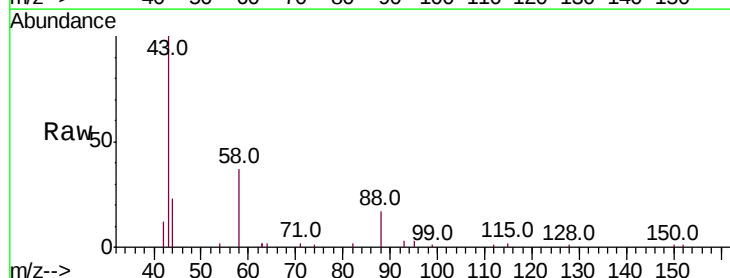
Tgt Ion: 88 Resp: 1547

Ion Ratio Lower Upper

88 100

58 119.3 57.8 86.8#

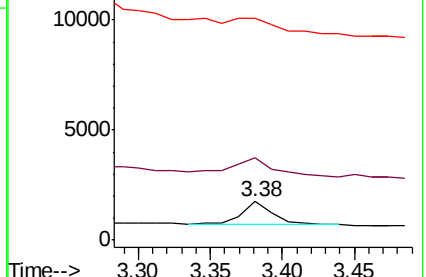
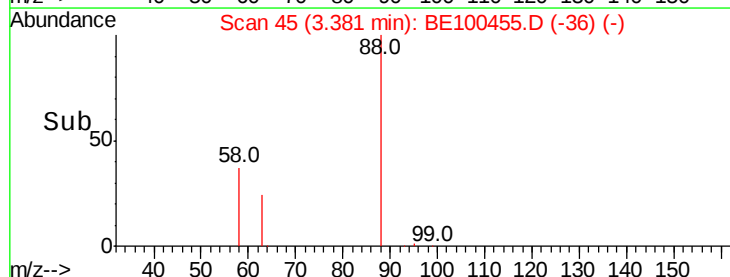
43 0.0 25.0 37.6#

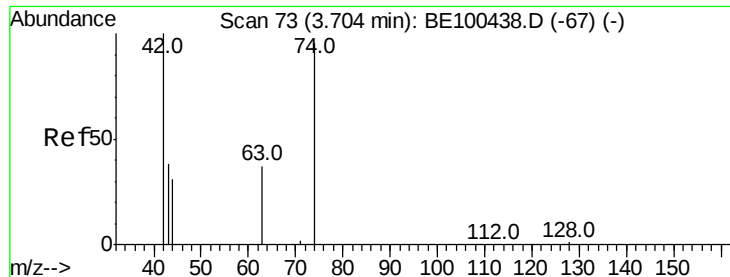


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 21.401 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

ClientSampleId :

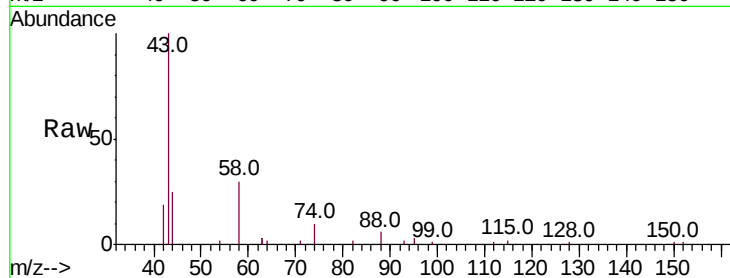
Tot Ion: 42 Resp: 1224

Ion Ratio Lower Upper

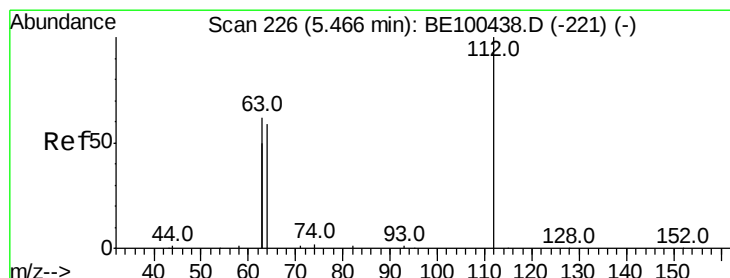
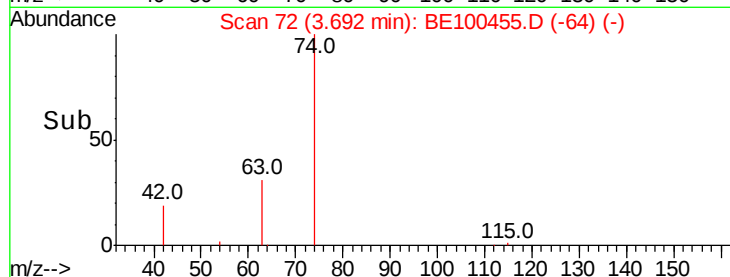
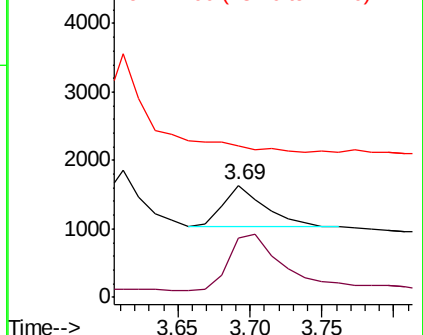
42 100

74 170.0 85.3 127.9#

44 0.0 21.8 32.8#



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: 29.442 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

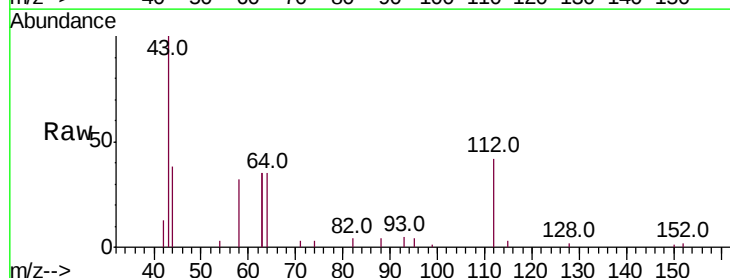
Tgt Ion: 112 Resp: 3697

Ion Ratio Lower Upper

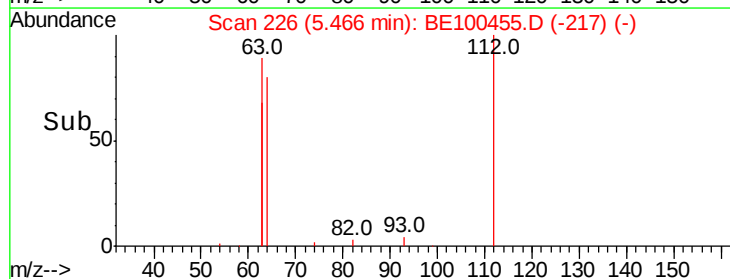
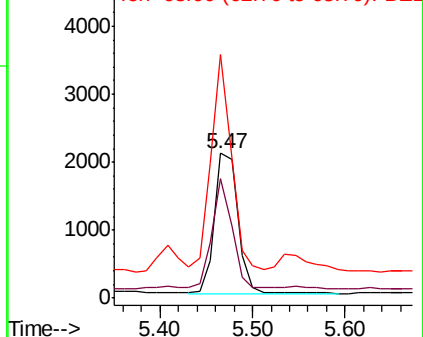
112 100

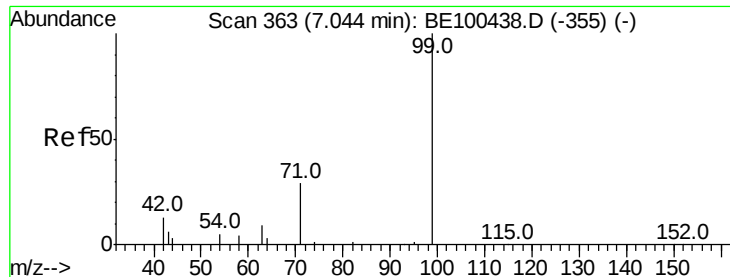
64 66.0 55.0 82.4

63 130.7 114.8 172.2



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: 29.577 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

ClientSampleId :

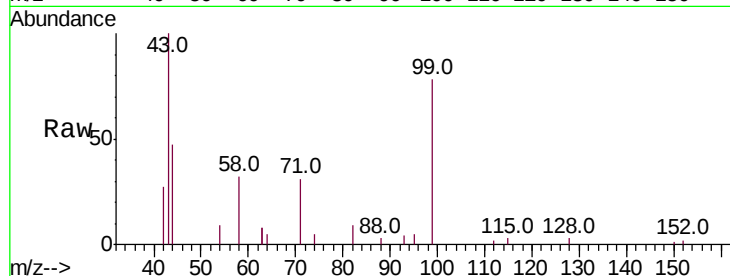
Tot Ion: 99 Resp: 5488

Ion Ratio Lower Upper

99 100

42 26.1 17.4 26.2

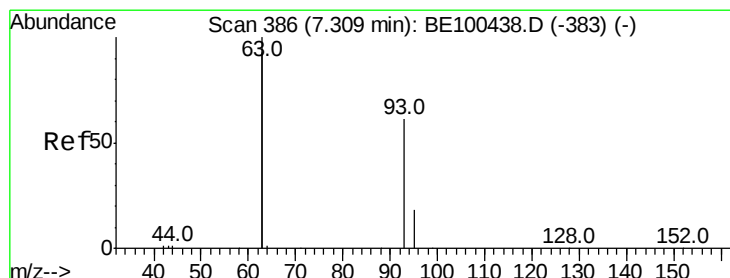
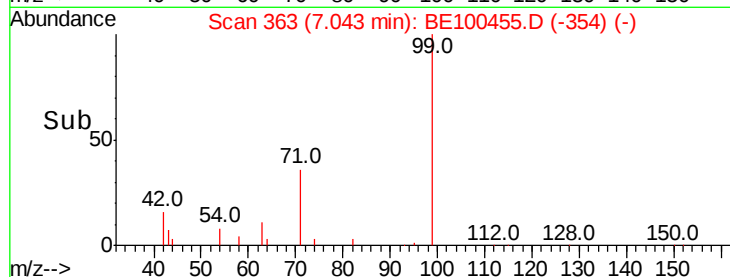
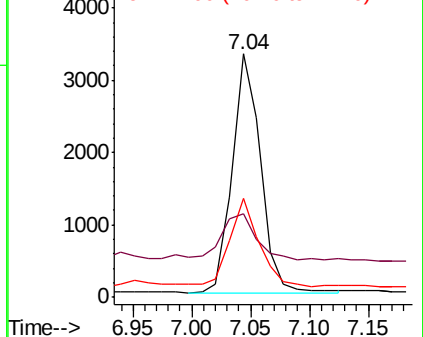
71 37.0 28.2 42.4



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: 26.986 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

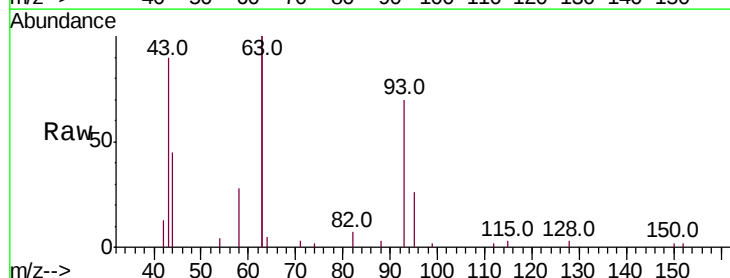
Tgt Ion: 93 Resp: 5060

Ion Ratio Lower Upper

93 100

63 285.9 266.9 400.3

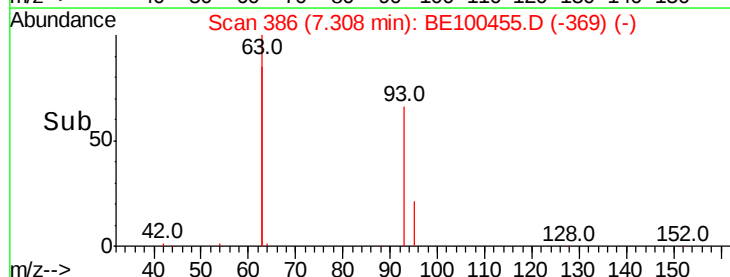
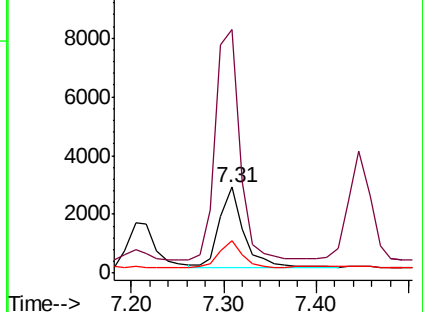
95 30.8 26.8 40.2

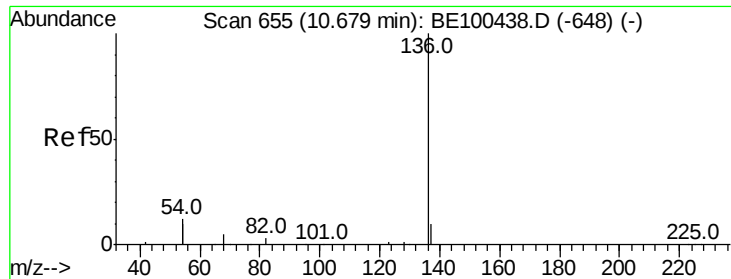


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.68 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100455.D

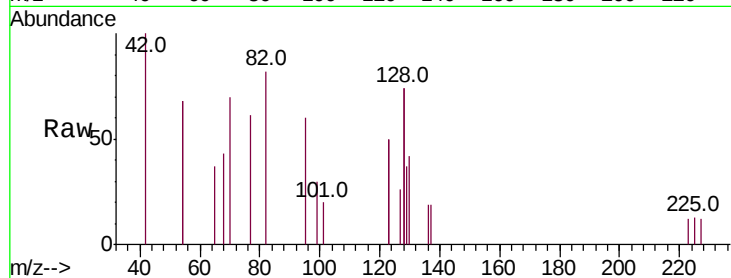
Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	136	Resp:	44
Ion	Ratio	Lower	Upper
136	100		
137	100.0	8.7	13.1#
54	712.4	19.6	29.4#
68	224.7	4.4	6.6#

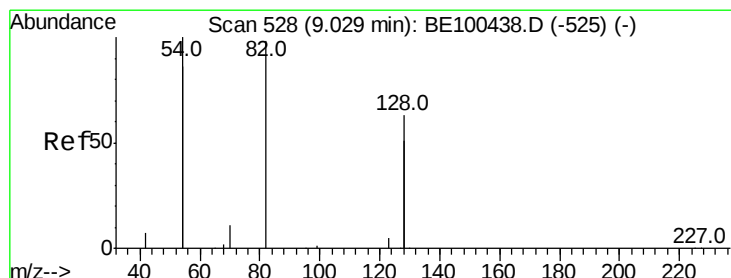
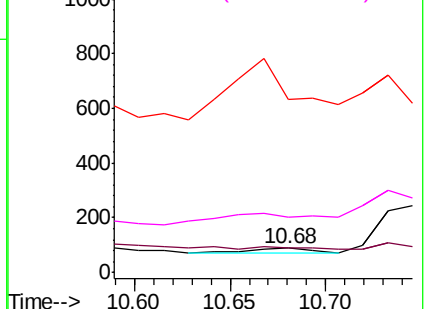
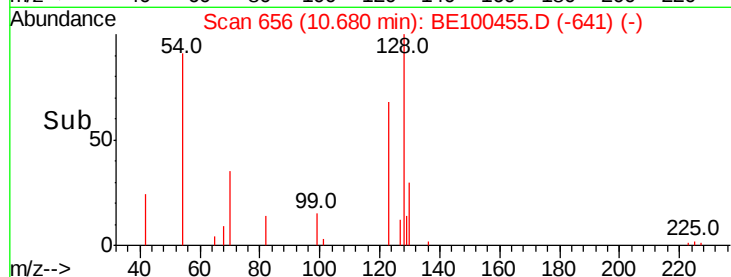


Abundance Ion 136.00 (135.70 to 136.70): E

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: 150.248 ng

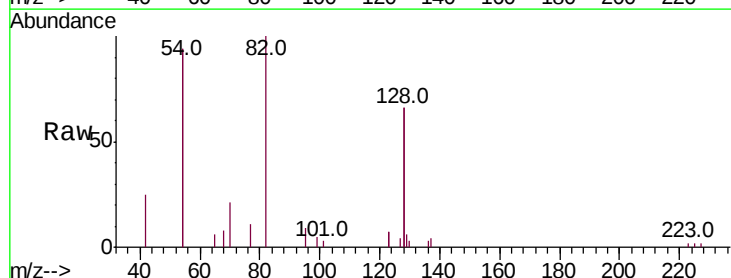
RT: 9.03 min Scan# 529

Delta R.T. 0.00 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

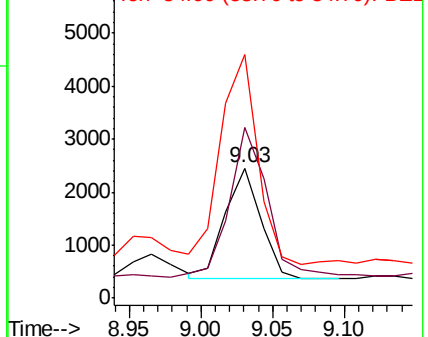
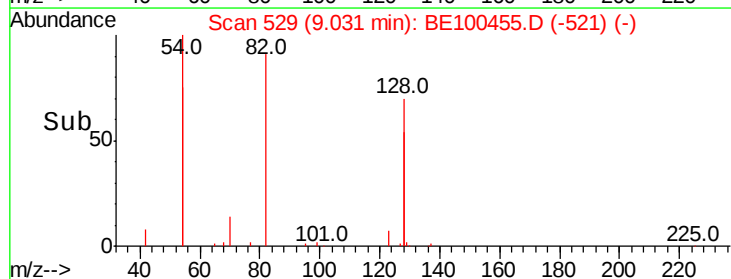
Tgt Ion:	82	Resp:	3649
Ion	Ratio	Lower	Upper
82	100		
128	131.1	97.9	146.9
54	187.2	155.0	232.6

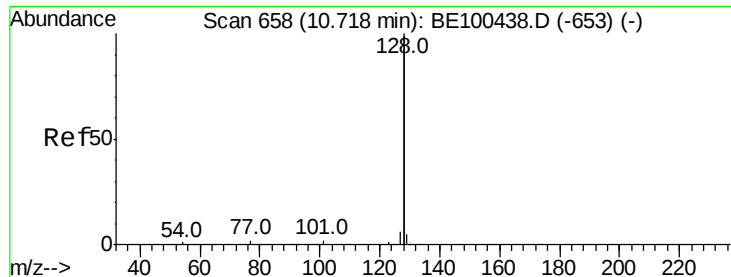


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1133.306 ng

RT: 10.72 min Scan# 659

Delta R.T. 0.00 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

ClientSampleId :

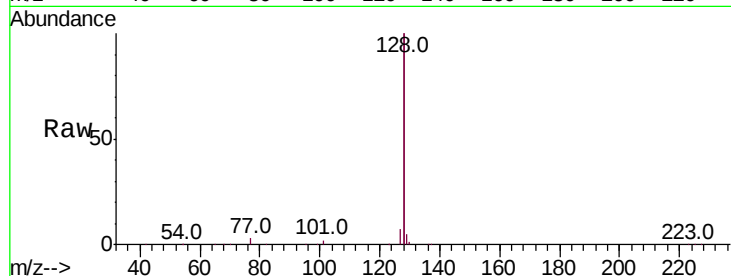
Tot Ion:128 Resp: 485856

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.4

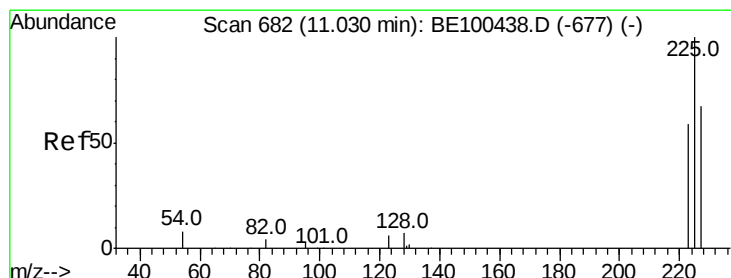
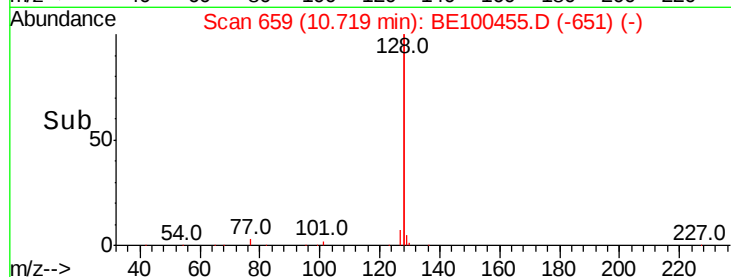
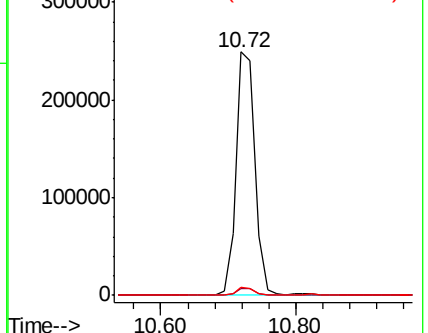
127 3.3 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 116.520 ng

RT: 11.03 min Scan# 683

Delta R.T. 0.00 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

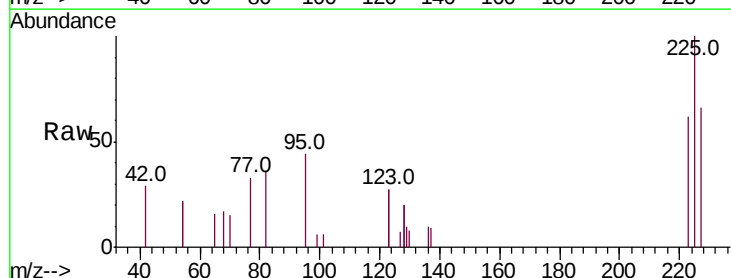
Tgt Ion:225 Resp: 2420

Ion Ratio Lower Upper

225 100

223 64.3 49.8 74.8

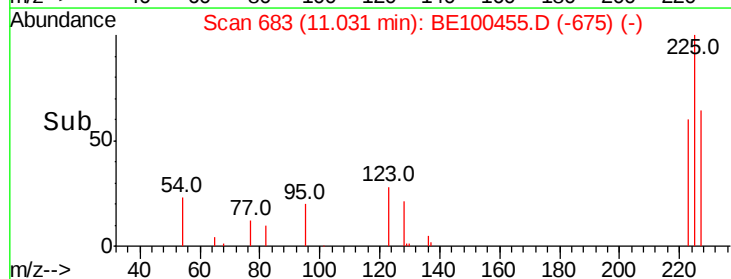
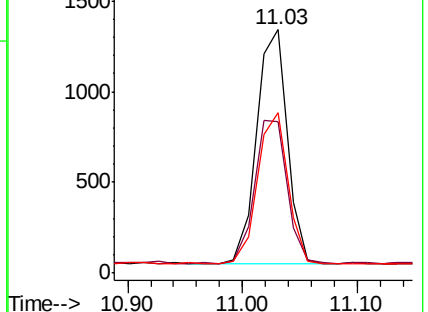
227 63.4 52.3 78.5

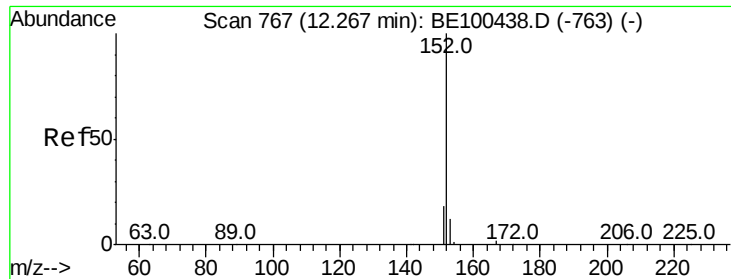


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 163.803 ng

RT: 12.27 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

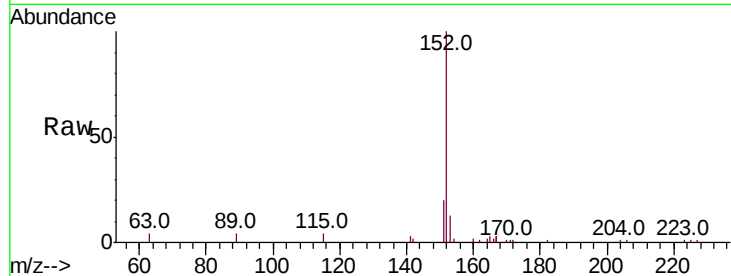
ClientSampleId :

Tot Ion:152 Resp: 10904

Ion Ratio Lower Upper

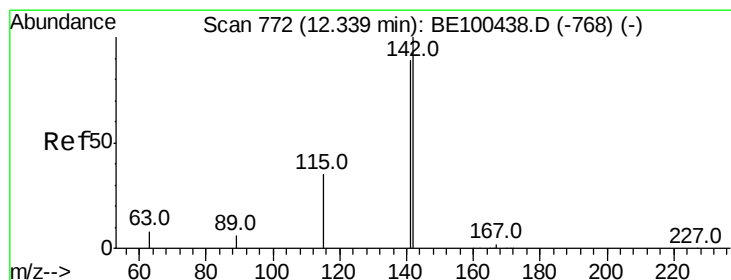
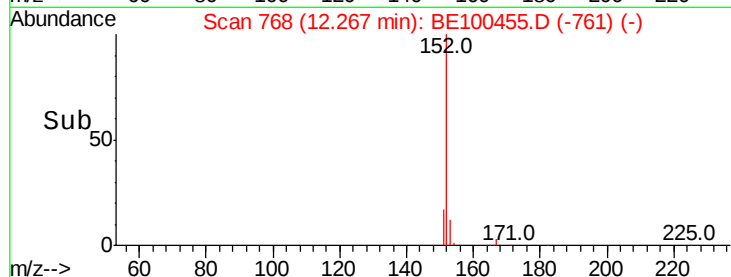
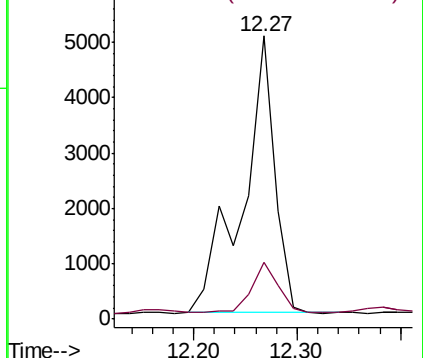
152 100

151 14.8 16.0 24.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 724.530 ng

RT: 12.34 min Scan# 773

Delta R.T. 0.00 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

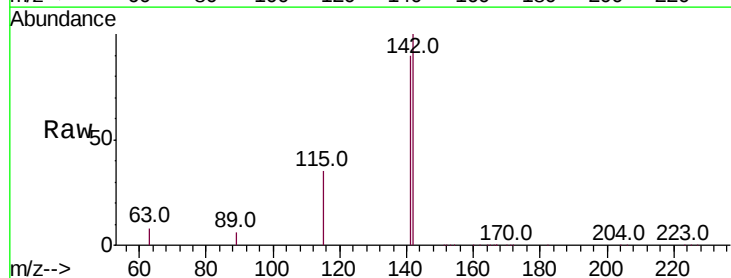
Tgt Ion:142 Resp: 51921

Ion Ratio Lower Upper

142 100

141 89.5 70.9 106.3

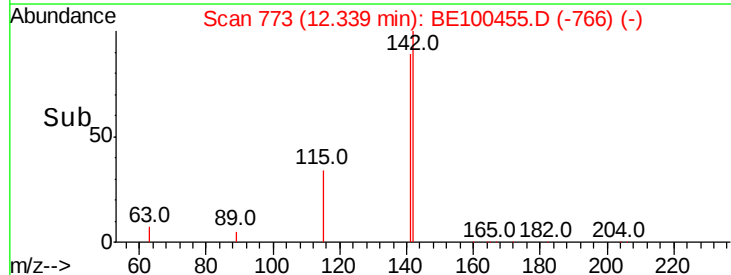
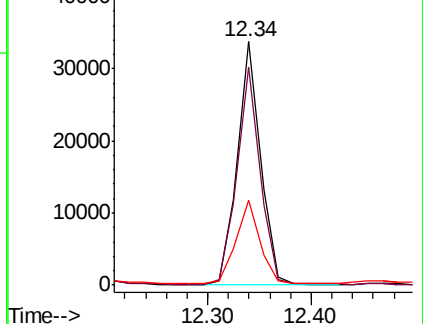
115 35.1 29.0 43.4

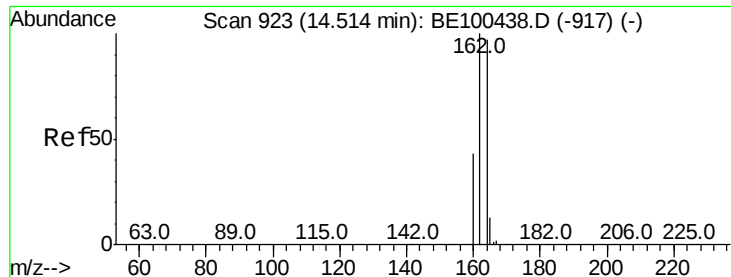


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

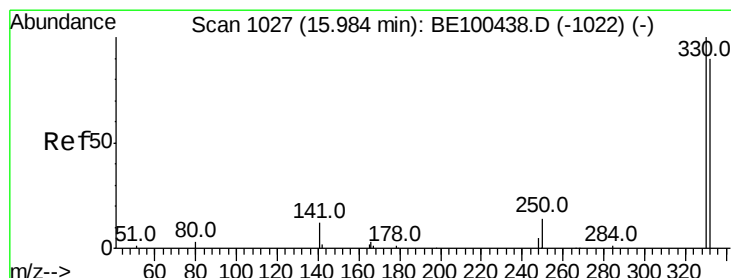
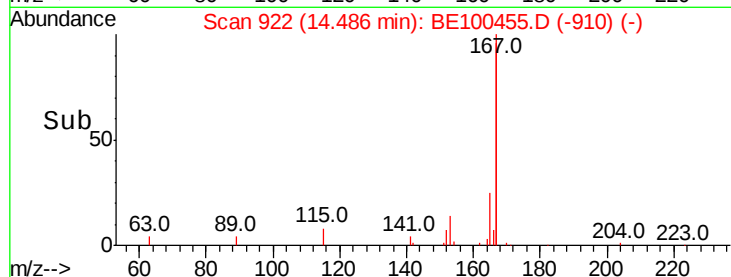
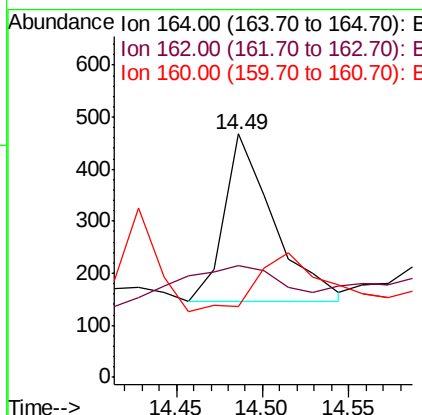
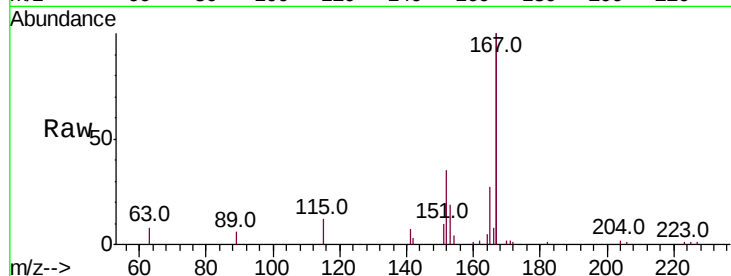




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 922
Delta R.T. -0.03 min
Lab File: BE100455.D
Acq: 17 Jul 2019 18:55

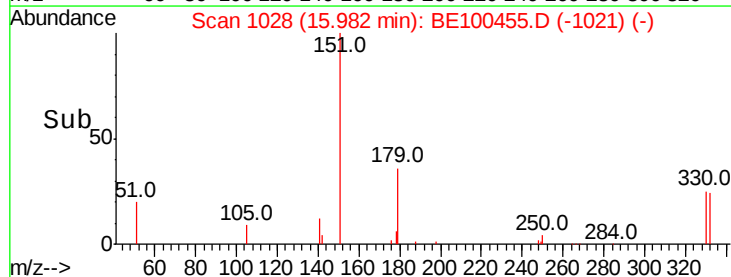
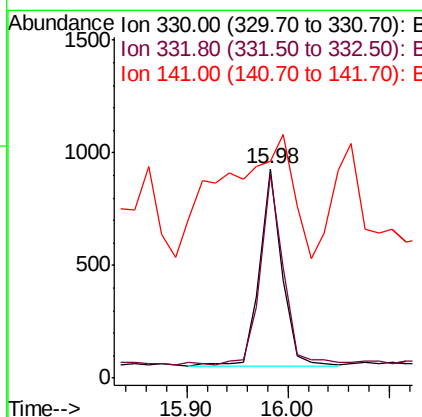
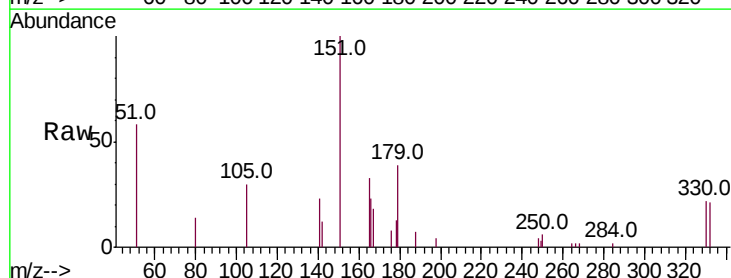
Instrument :
BNA_E
ClientSampleId :

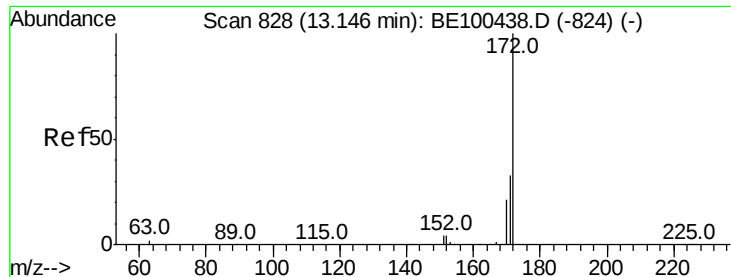
Tot Ion:164 Resp: 638
Ion Ratio Lower Upper
164 100
162 45.9 82.6 124.0#
160 29.3 35.6 53.4#



#14
2,4,6-Tribromophenol
Concen: 9.276 ng
RT: 15.98 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE100455.D
Acq: 17 Jul 2019 18:55

Tgt Ion:330 Resp: 1337
Ion Ratio Lower Upper
330 100
332 99.7 76.3 114.5
141 192.1 28.1 42.1#

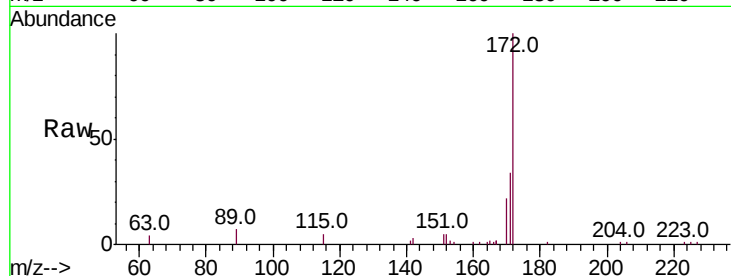




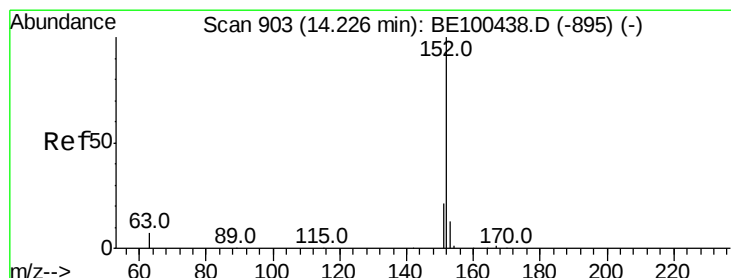
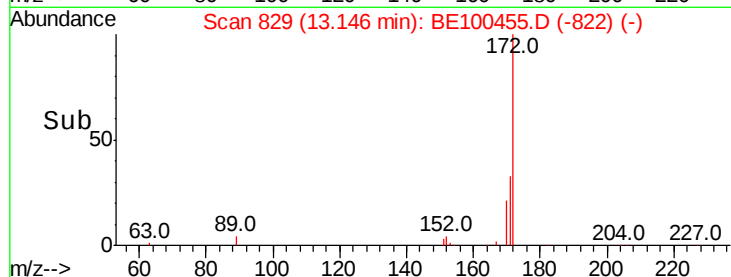
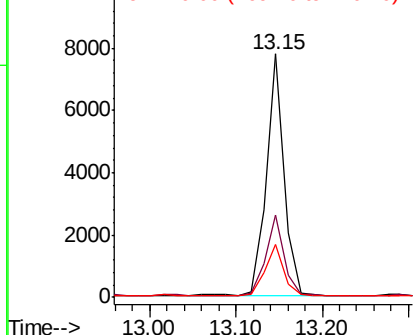
#15
2-Fluorobiphenyl
Concen: 3.870 ng
RT: 13.15 min Scan# 829
Delta R.T. 0.00 min
Lab File: BE100455.D
Acq: 17 Jul 2019 18:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 11062
Ion Ratio Lower Upper
172 100
171 33.8 27.0 40.4
170 21.9 17.4 26.0

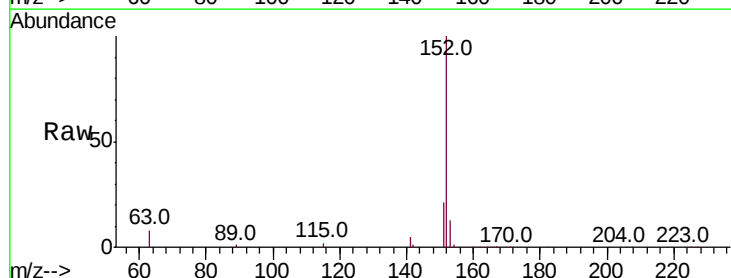


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

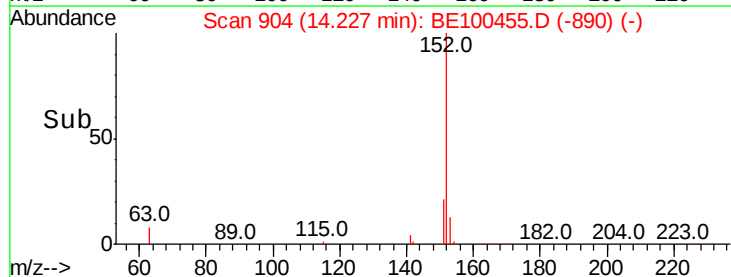
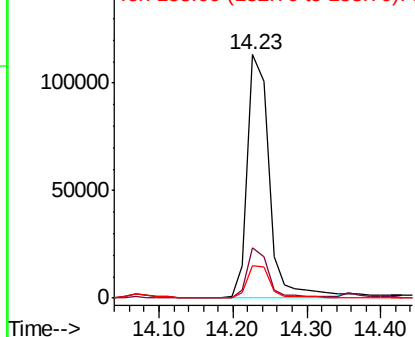


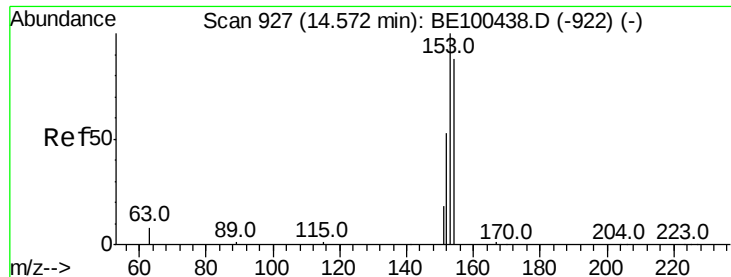
#16
Acenaphthylene
Concen: 89.731 ng
RT: 14.23 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE100455.D
Acq: 17 Jul 2019 18:55

Tgt Ion:152 Resp: 231557
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.7 10.4 15.6



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

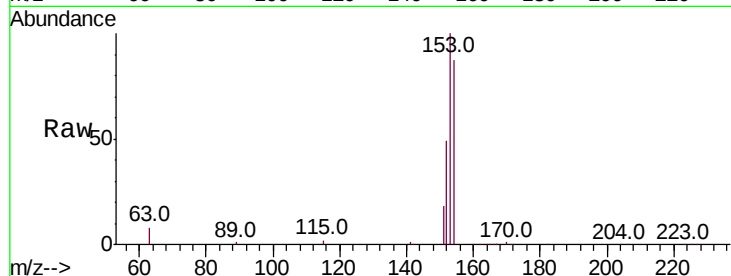




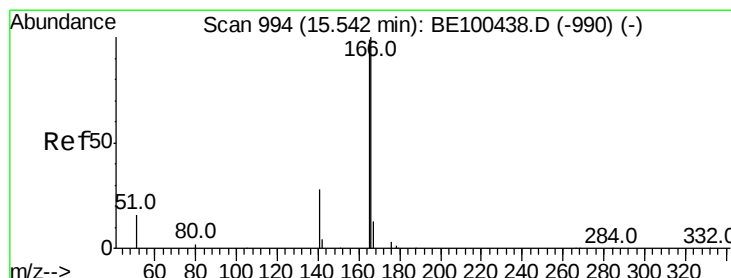
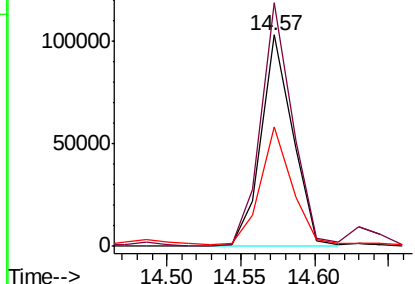
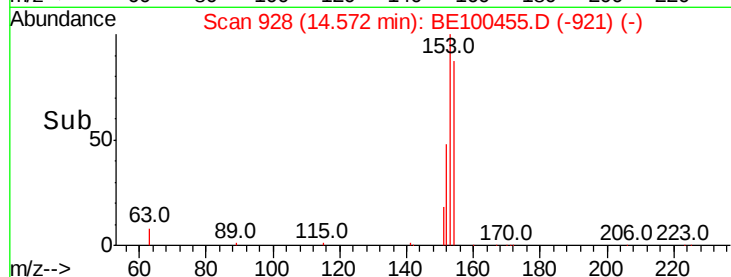
#17
Acenaphthene
Concen: 85.485 ng
RT: 14.57 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE100455.D
Acq: 17 Jul 2019 18:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 151573
Ion Ratio Lower Upper
154 100
153 115.3 91.0 136.4
152 55.3 49.4 74.2

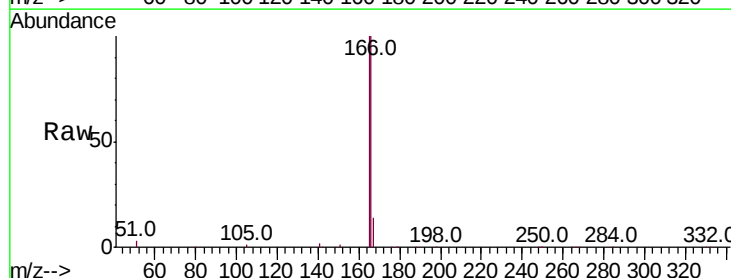


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

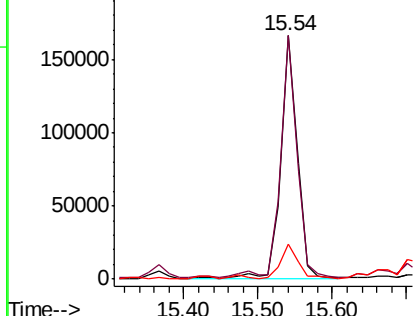
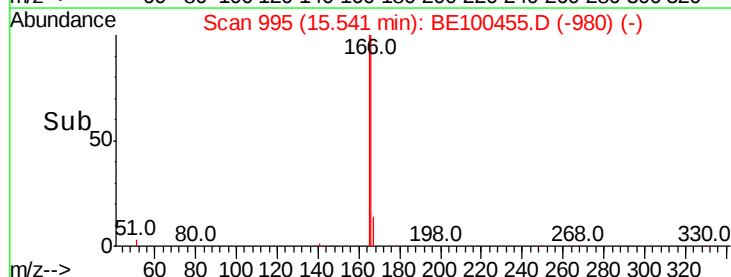


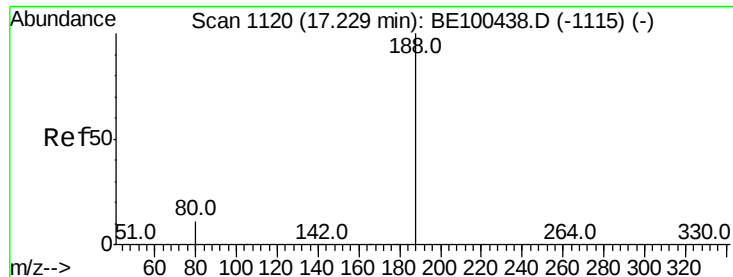
#18
Fluorene
Concen: 111.057 ng
RT: 15.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BE100455.D
Acq: 17 Jul 2019 18:55

Tgt Ion:166 Resp: 253945
Ion Ratio Lower Upper
166 100
165 101.2 79.6 119.4
167 14.8 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

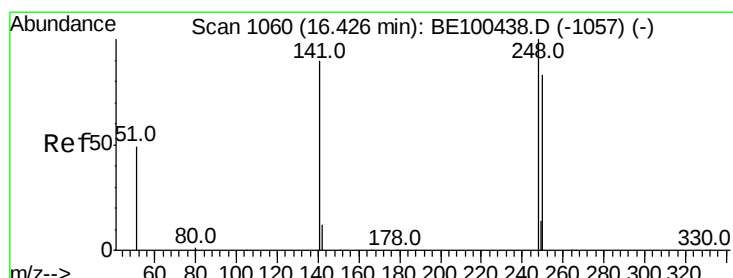
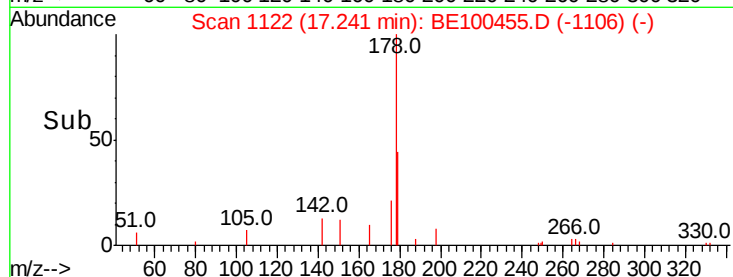
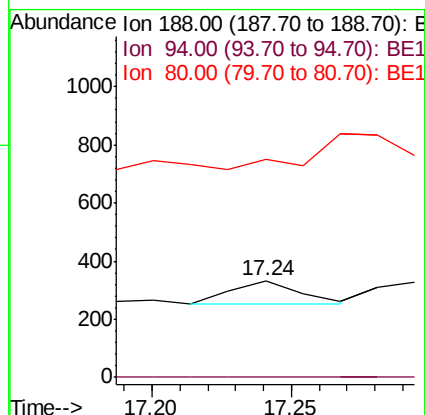
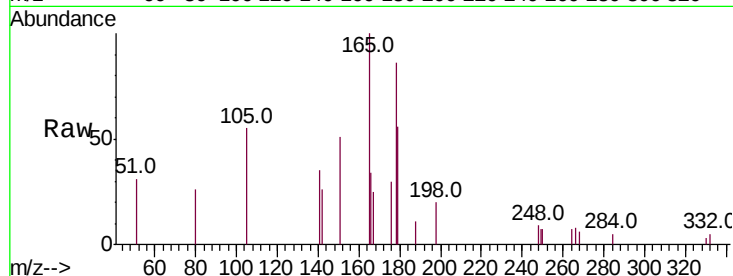




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BE100455.D
Acq: 17 Jul 2019 18:55

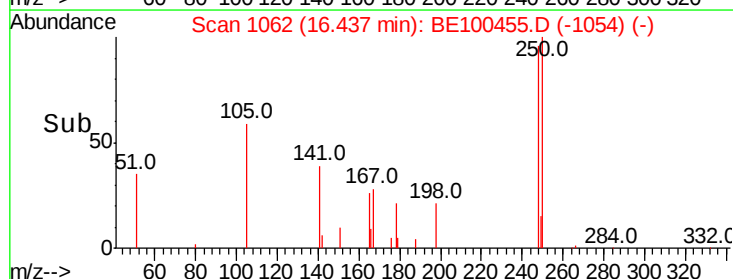
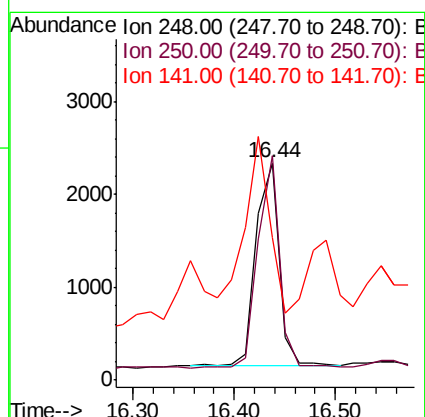
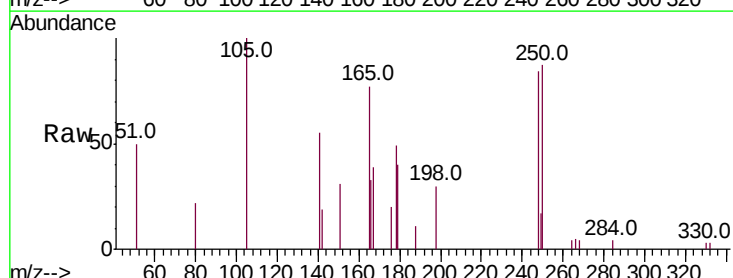
Instrument :
BNA_E
ClientSampleId :

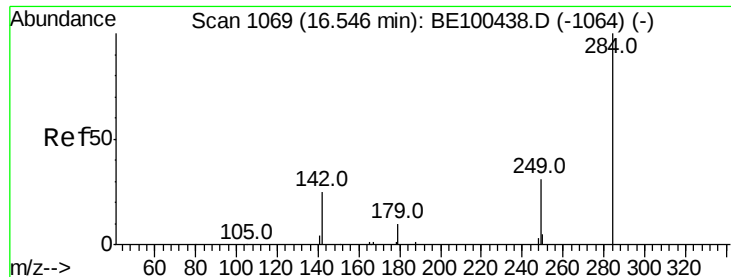
Tot Ion:188 Resp: 134
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 225.5 9.2 13.8#



#20
4-Bromophenyl-phenylether
Concen: 49.779 ng
RT: 16.44 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BE100455.D
Acq: 17 Jul 2019 18:55

Tgt Ion:248 Resp: 3481
Ion Ratio Lower Upper
248 100
250 103.6 67.1 100.7#
141 65.5 72.2 108.2#





#21

Hexachlorobenzene

Concen: 40.306 ng

RT: 16.56 min Scan# 1071

Delta R.T. 0.01 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

ClientSampleId :

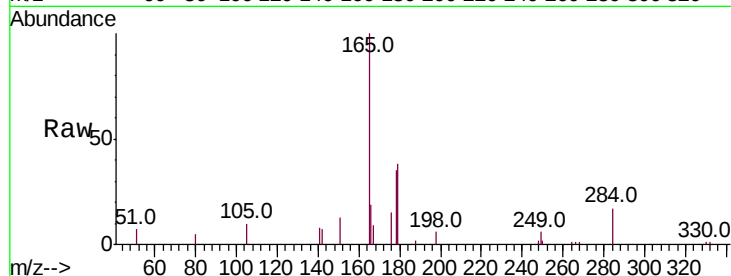
Tot Ion:284 Resp: 3294

Ion Ratio Lower Upper

284 100

142 38.8 25.6 38.4#

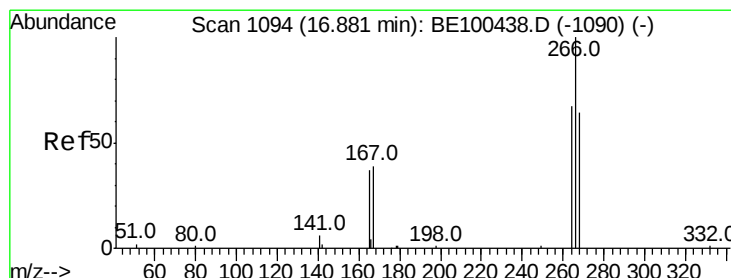
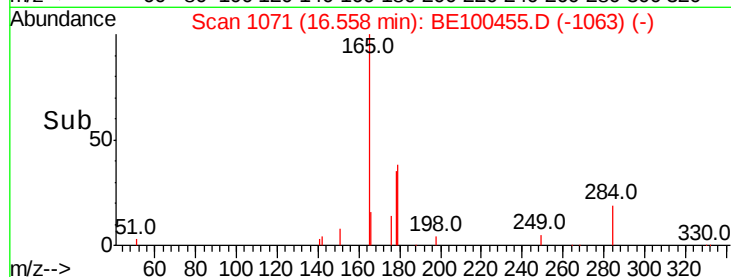
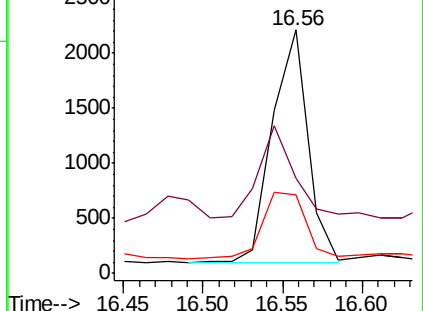
249 34.9 25.1 37.7



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: 213.234 ng

RT: 16.89 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

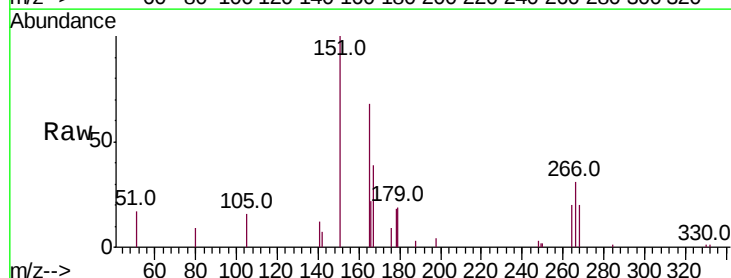
Tgt Ion:266 Resp: 4151

Ion Ratio Lower Upper

266 100

264 64.8 56.2 84.2

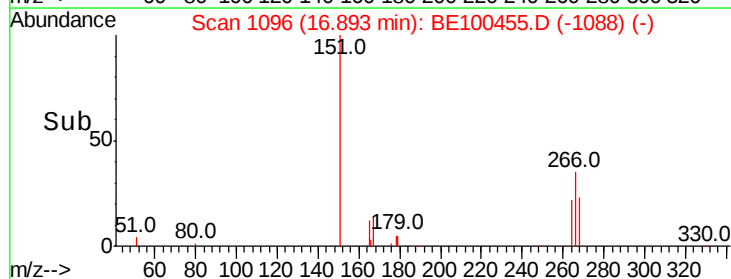
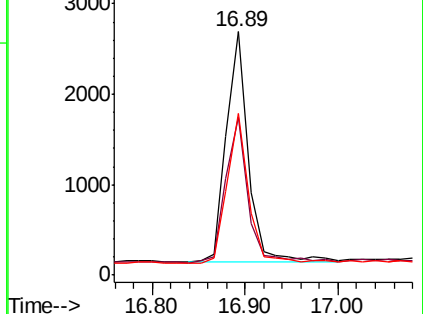
268 66.3 54.9 82.3

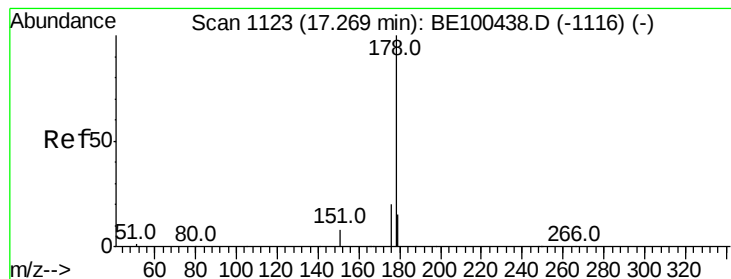


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 9809.498 ng

RT: 17.28 min Scan# 1125

Delta R.T. 0.01 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

ClientSampleId :

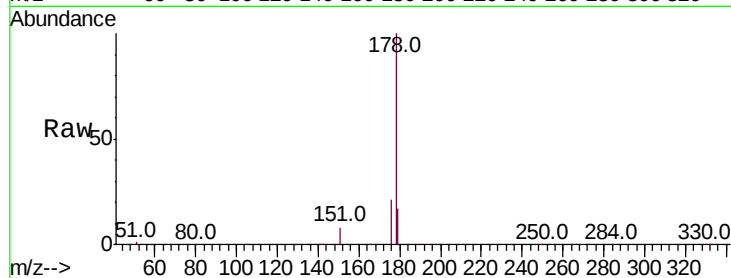
Tot Ion:178 Resp: 3502353

Ion Ratio Lower Upper

178 100

176 20.8 15.5 23.3

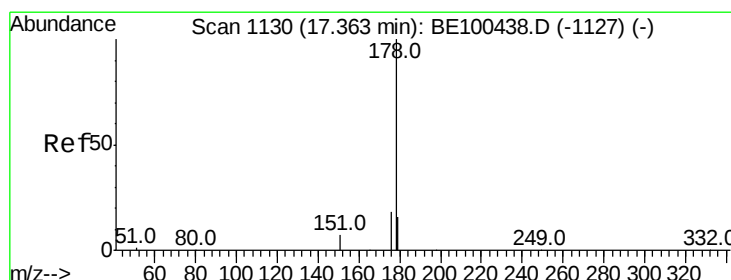
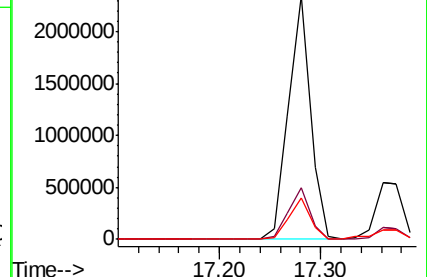
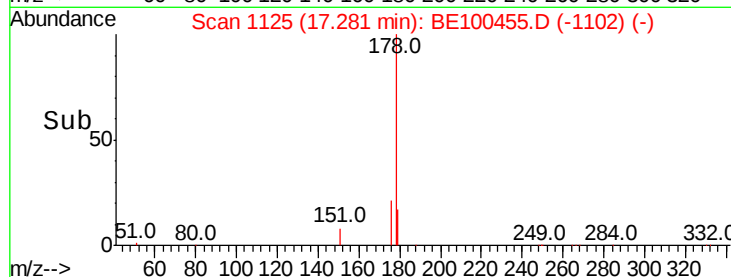
179 16.6 12.4 18.6



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: 3326.432 ng

RT: 17.36 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

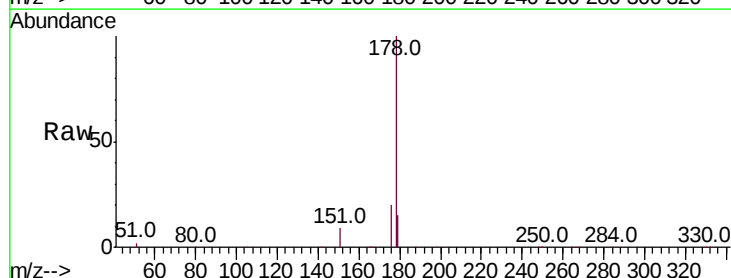
Tgt Ion:178 Resp: 980212

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

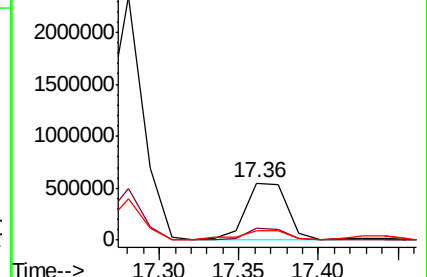
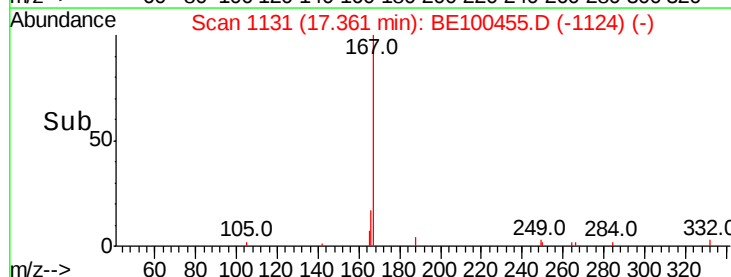
179 17.9 12.3 18.5

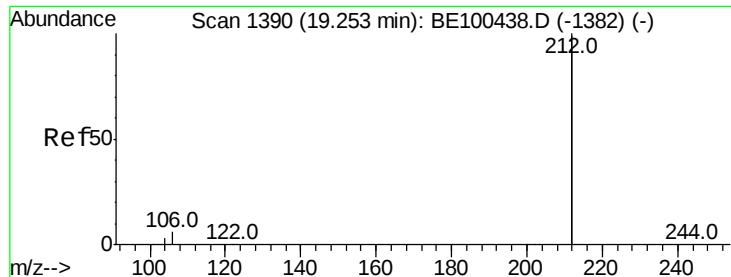


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 45.185 ng

RT: 19.26 min Scan# 1392

Delta R.T. 0.01 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

ClientSampleId :

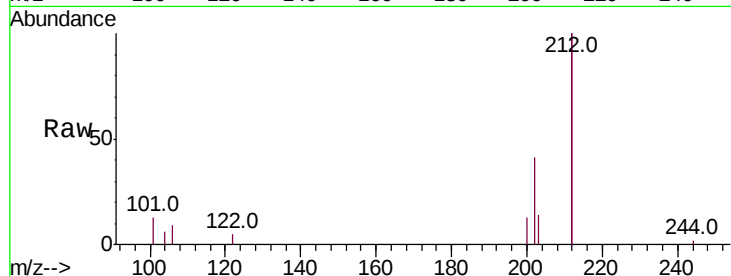
Tot Ion:212 Resp: 72136

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

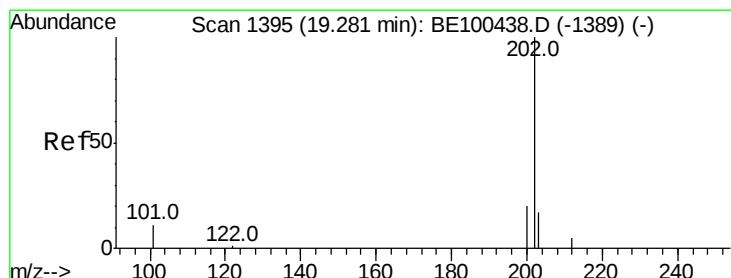
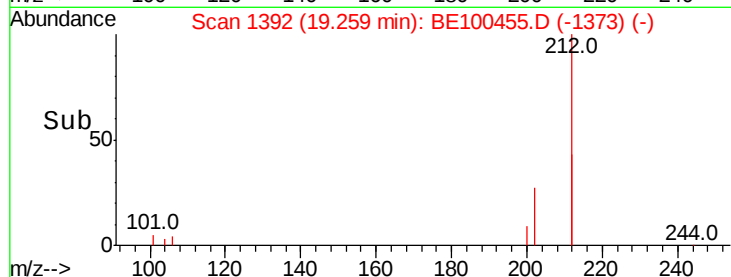
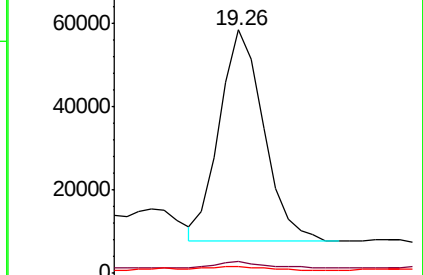
104 3.3 1.4 2.2#



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: 12096.525 ng

RT: 19.29 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

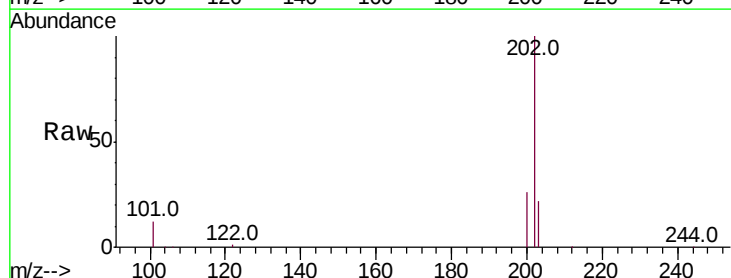
Tgt Ion:202 Resp: 5489163

Ion Ratio Lower Upper

202 100

101 11.5 8.9 13.3

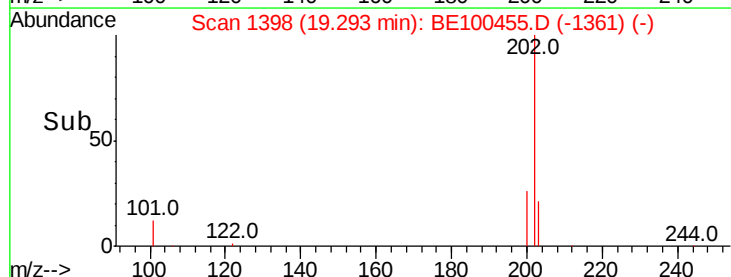
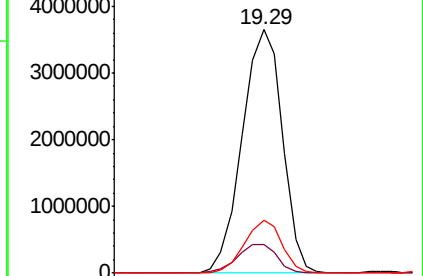
203 20.1 13.8 20.6

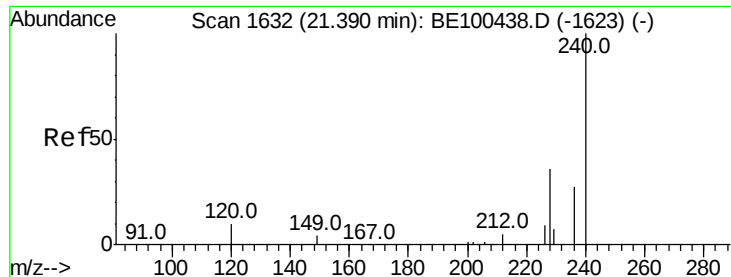


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

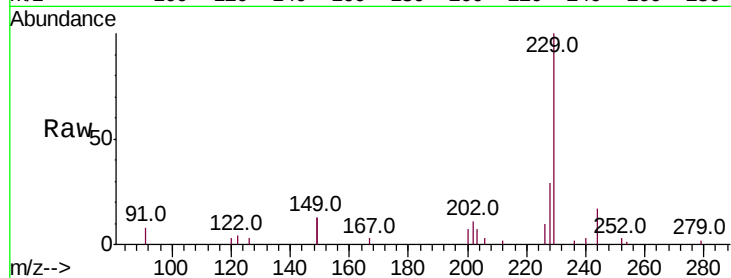




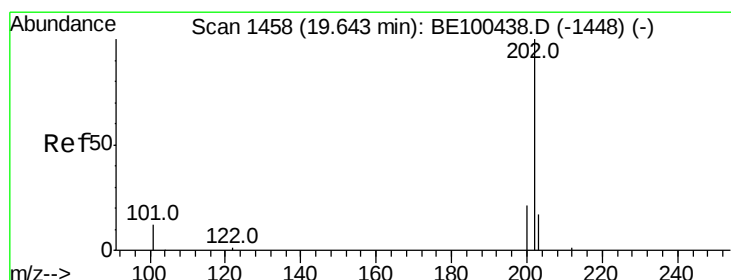
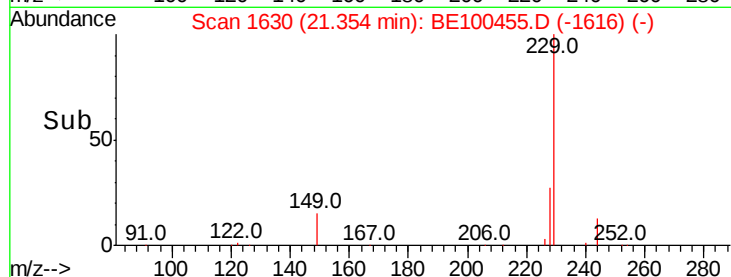
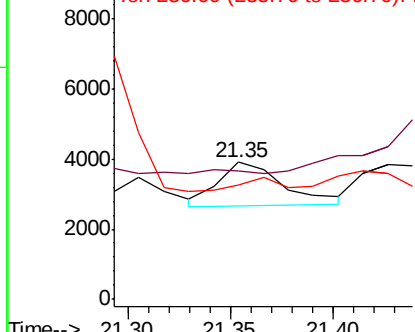
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BE100455.D
Acq: 17 Jul 2019 18:55

Instrument :
BNA_E
ClientSampleId :

Tot Ion:240 Resp: 2709
Ion Ratio Lower Upper
240 100
120 93.9 8.8 13.2#
236 83.4 22.0 33.0#

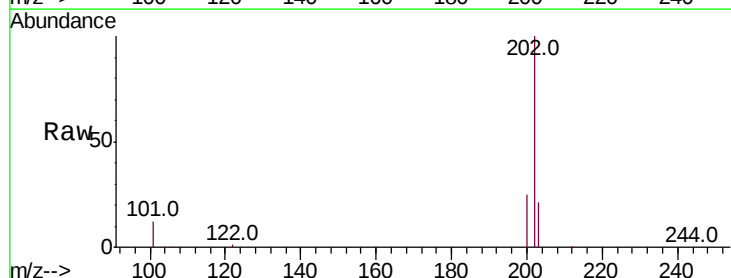


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

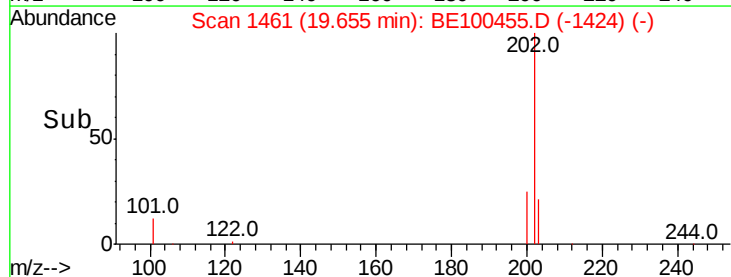
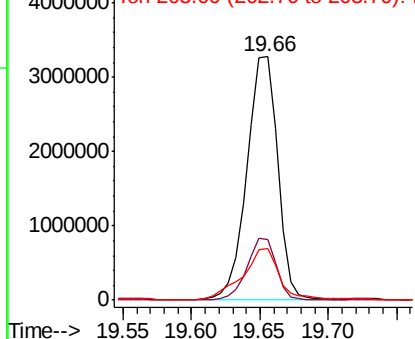


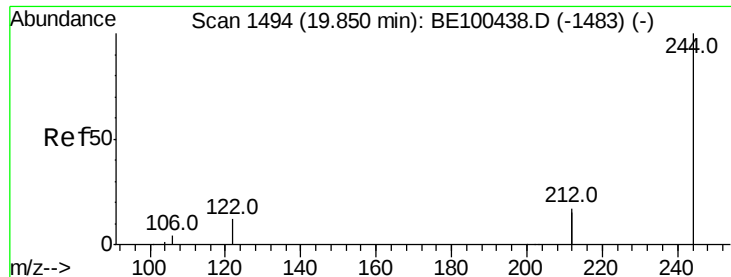
#28
Pyrene
Concen: 642.090 ng
RT: 19.66 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BE100455.D
Acq: 17 Jul 2019 18:55

Tgt Ion:202 Resp: 5088466
Ion Ratio Lower Upper
202 100
200 23.9 16.8 25.2
203 24.9 13.8 20.8#



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: 0.083 ng

RT: 19.79 min Scan# 1485

Delta R.T. -0.06 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

ClientSampleId :

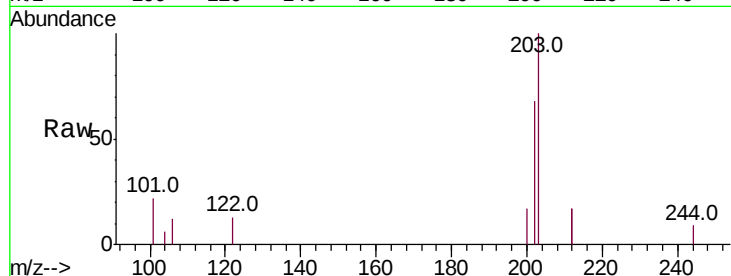
Tot Ion:244 Resp: 549

Ion Ratio Lower Upper

244 100

212 361.4 26.3 39.5#

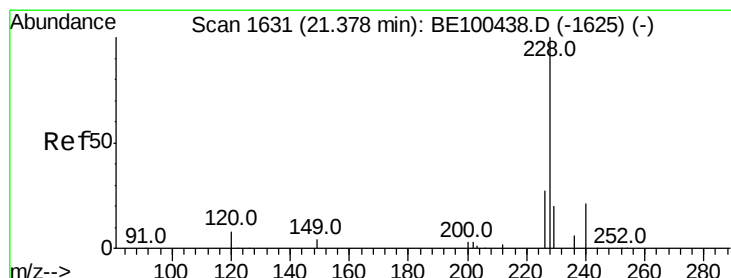
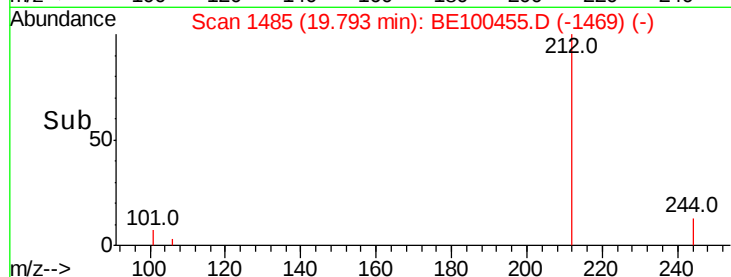
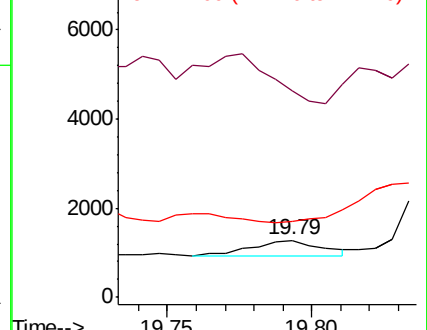
122 133.4 9.4 14.2#



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: 445.743 ng

RT: 21.39 min Scan# 1633

Delta R.T. 0.01 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

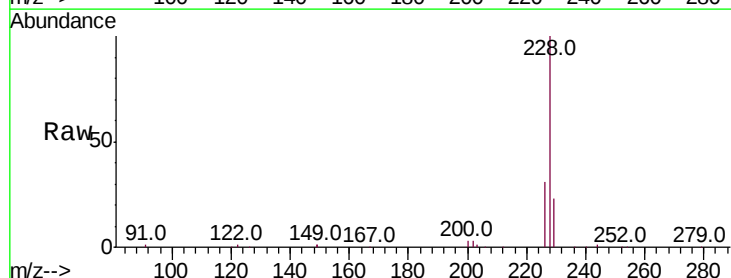
Tgt Ion:228 Resp: 3277292

Ion Ratio Lower Upper

228 100

226 31.4 21.6 32.4

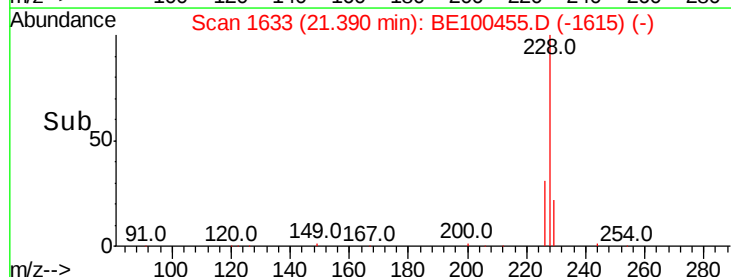
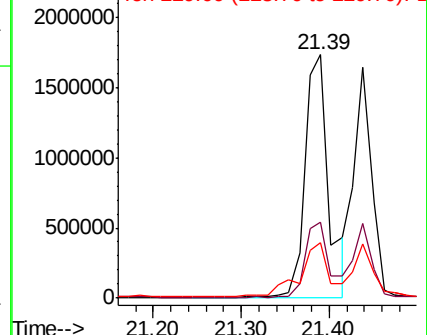
229 23.0 15.8 23.8

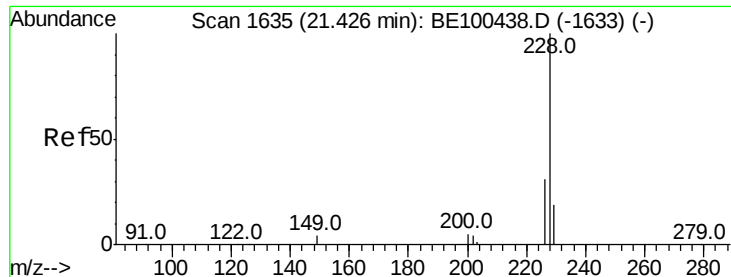


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



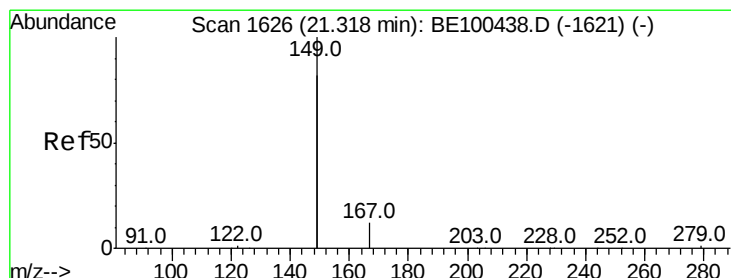
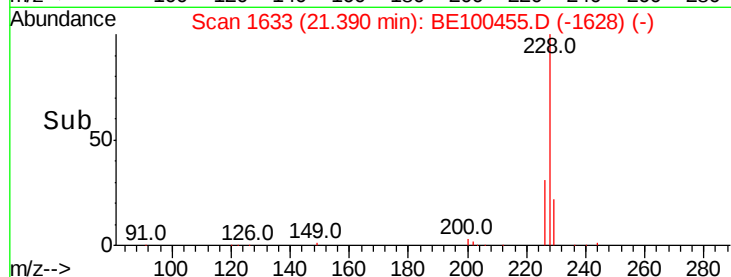
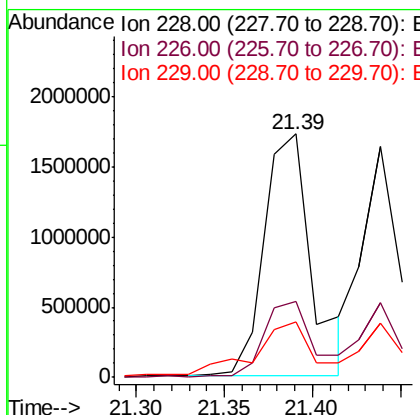
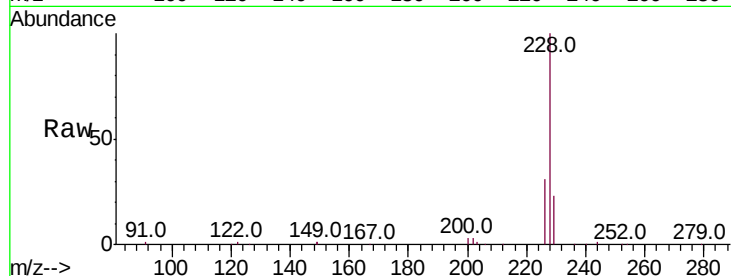


#31
 Chrysene
 Concen: 368.371 ng
 RT: 21.39 min Scan# 1633
 Delta R.T. -0.04 min
 Lab File: BE100455.D
 Acq: 17 Jul 2019 18:55

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:228 Resp: 3216351

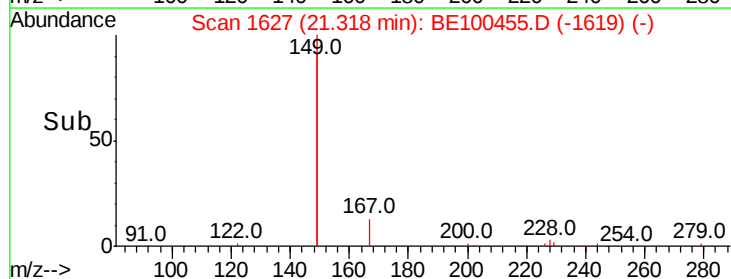
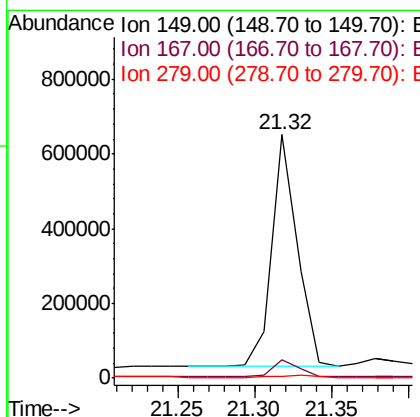
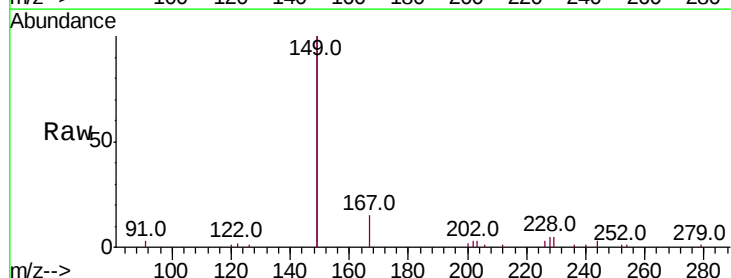
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.8	37.2
229	23.0	15.8	23.6

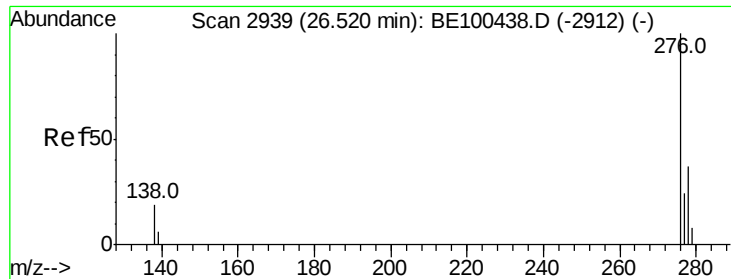


#32
 Bis(2-ethylhexyl)phthalate
 Concen: 136.264 ng
 RT: 21.32 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: BE100455.D
 Acq: 17 Jul 2019 18:55

Tgt Ion:149 Resp: 718576

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.0	7.6
279	1.1	1.2	1.8





#33

Indeno(1,2,3-cd)pyrene

Concen: 203.178 ng

RT: 26.57 min Scan# 2955

Delta R.T. 0.05 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

ClientSampleId :

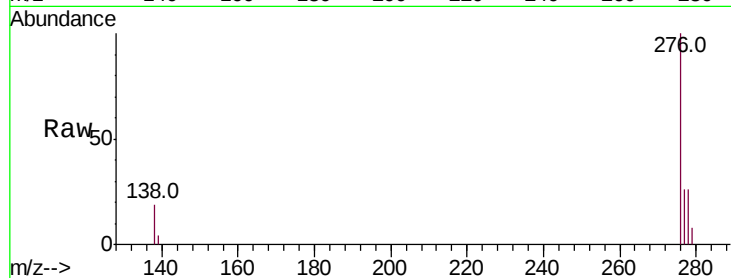
Tot Ion:276 Resp: 1577199

Ion Ratio Lower Upper

276 100

138 18.1 17.0 25.6

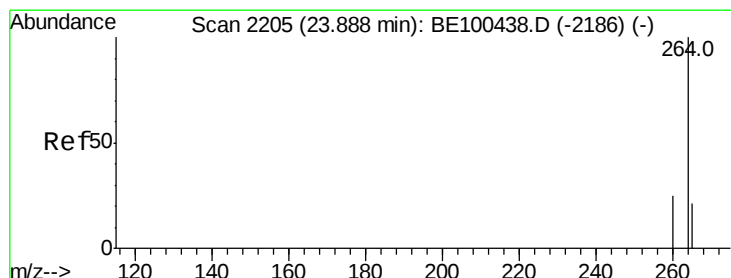
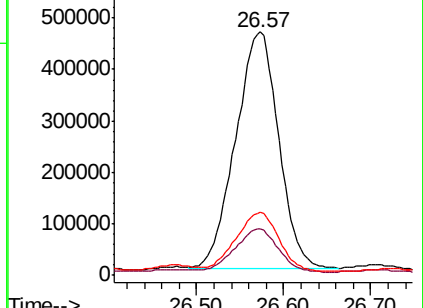
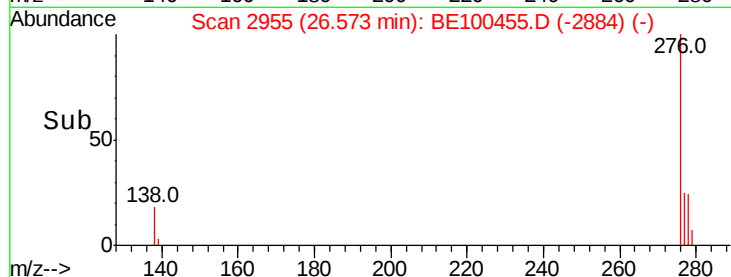
277 25.1 19.8 29.6



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: 23.81 min Scan# 2185

Delta R.T. -0.07 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

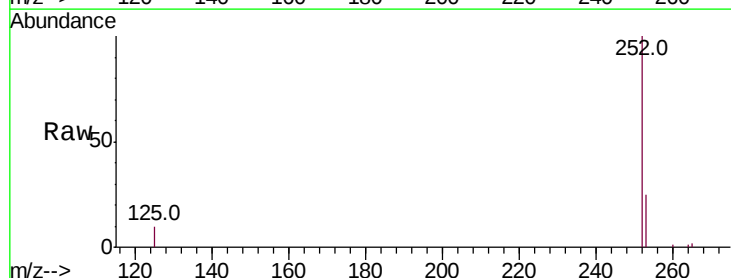
Tgt Ion:264 Resp: 5710

Ion Ratio Lower Upper

264 100

260 85.8 20.0 30.0#

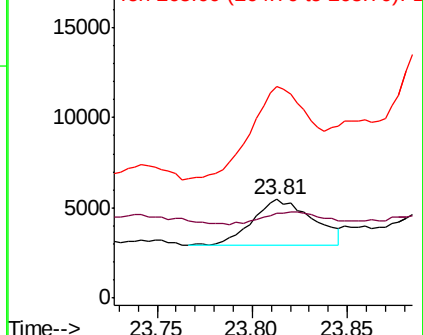
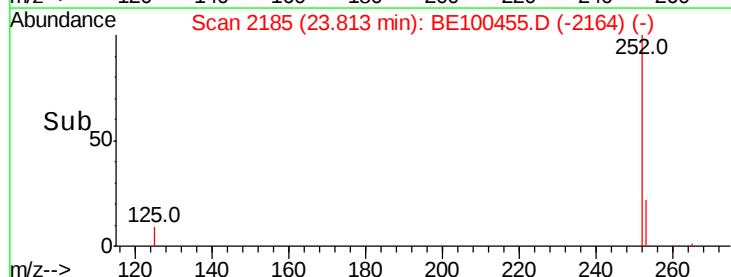
265 214.5 22.2 33.4#

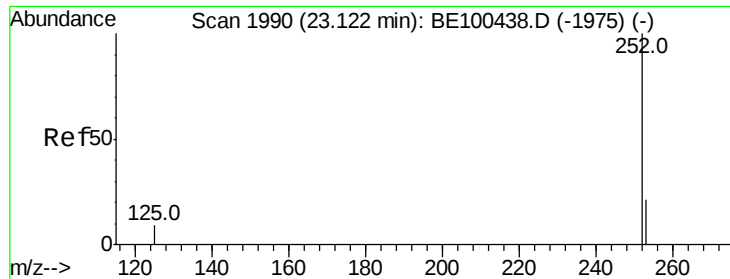


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 187.205 ng

RT: 23.14 min Scan# 1997

Delta R.T. 0.02 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

ClientSampleId :

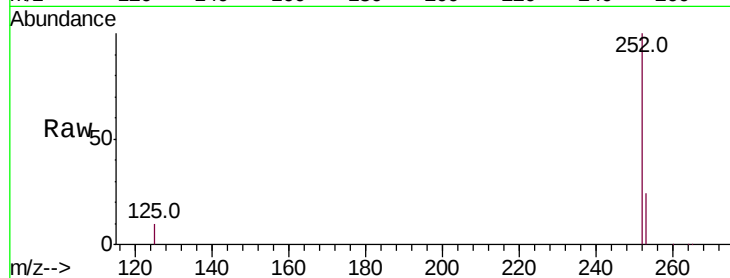
Tot Ion:252 Resp: 3265986

Ion Ratio Lower Upper

252 100

253 24.0 17.5 26.3

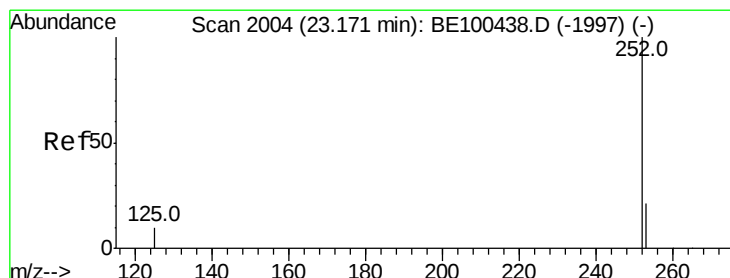
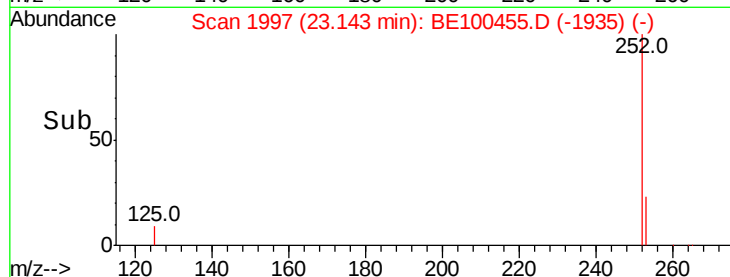
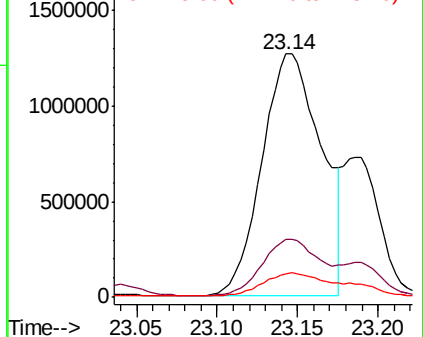
125 9.7 8.0 12.0



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: 176.909 ng

RT: 23.14 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

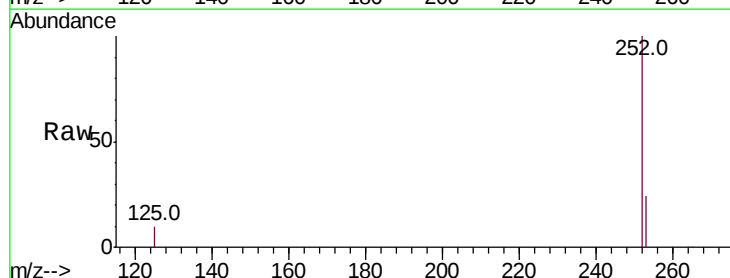
Tgt Ion:252 Resp: 3265986

Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

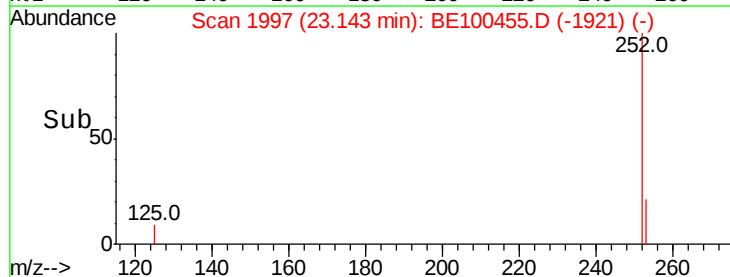
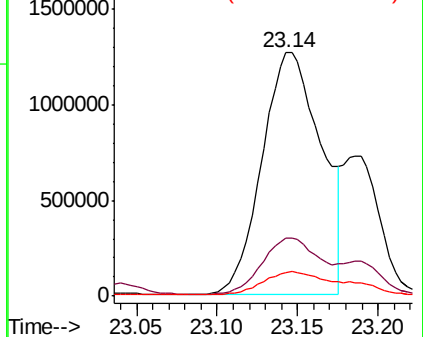
125 9.7 8.3 12.5

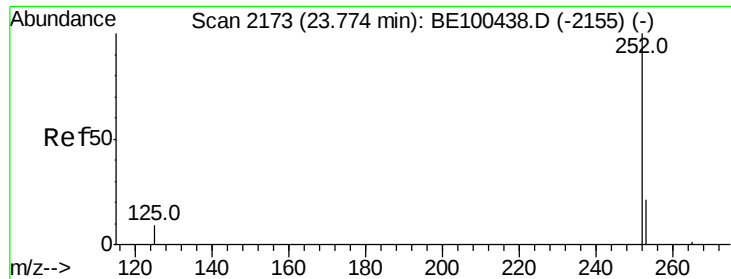


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 112.010 ng

RT: 23.68 min Scan# 2149

Delta R.T. -0.09 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

ClientSampleId :

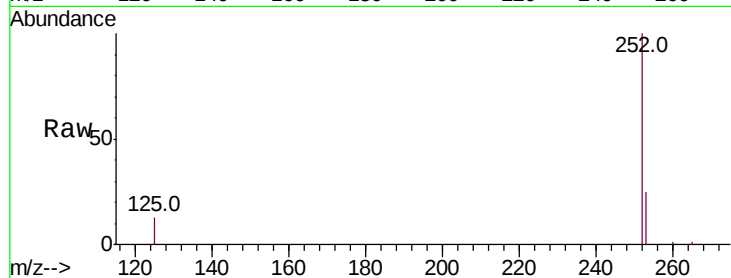
Tot Ion:252 Resp: 1606825

Ion Ratio Lower Upper

252 100

253 24.8 18.0 27.0

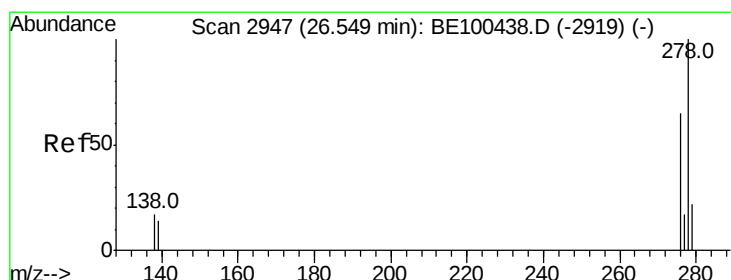
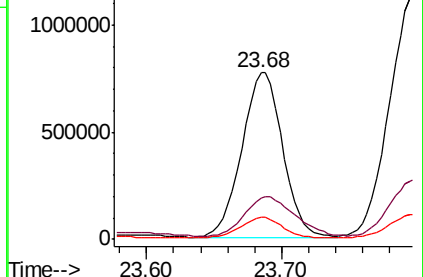
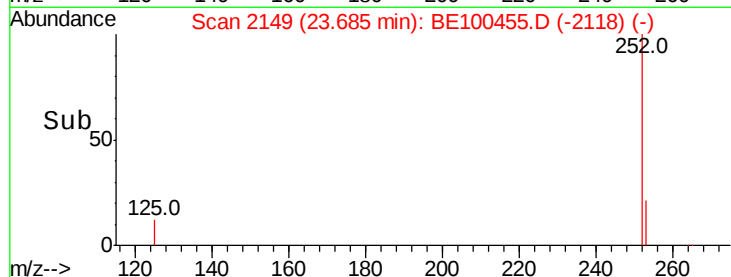
125 13.4 9.0 13.6



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: 5.378 ng

RT: 26.47 min Scan# 2926

Delta R.T. -0.08 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

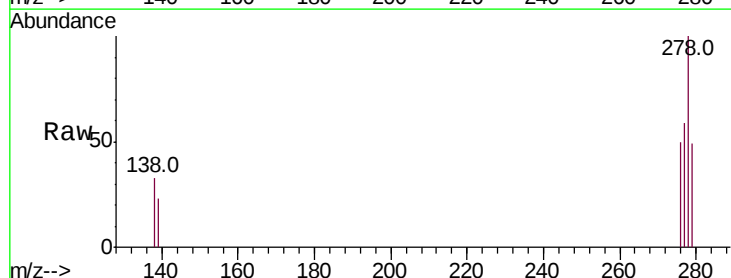
Tgt Ion:278 Resp: 82260

Ion Ratio Lower Upper

278 100

139 23.1 12.2 18.2#

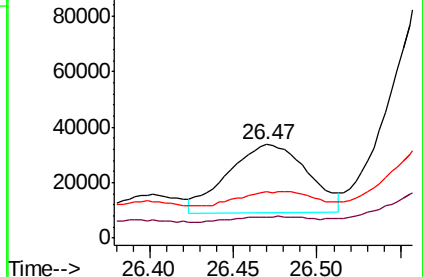
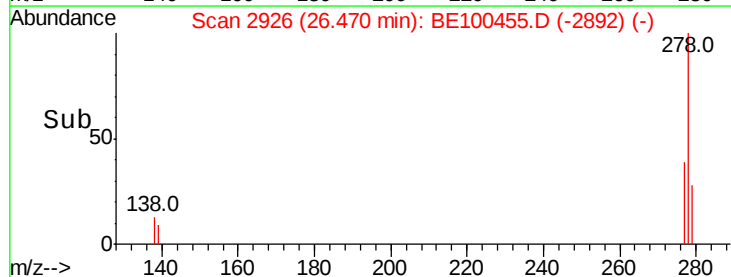
279 49.5 18.6 27.8#

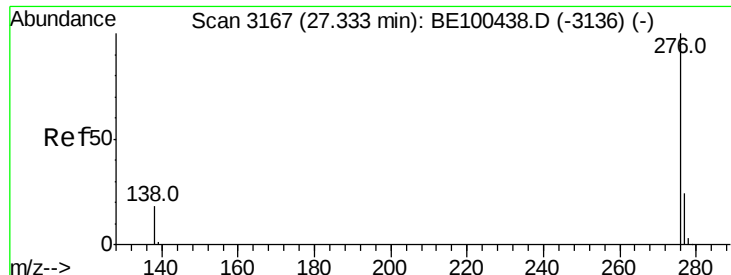


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 90.107 ng

RT: 27.39 min Scan# 3184

Delta R.T. 0.06 min

Lab File: BE100455.D

Acq: 17 Jul 2019 18:55

Instrument :

BNA_E

ClientSampleId :

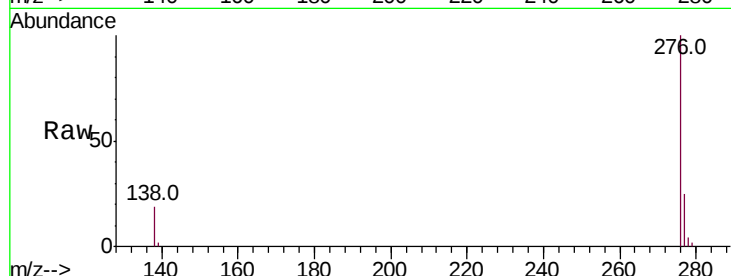
Tot Ion:276 Resp: 1441317

Ion Ratio Lower Upper

276 100

277 25.1 19.6 29.4

138 18.9 15.1 22.7



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

