

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092519\
 Data File : BE100554.D
 Acq On : 25 Sep 2019 12:39
 Operator : JU
 Sample : K4995-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 26 00:40:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 18:26:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	8130	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	34049	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	17684	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	32704	0.40	ng	0.00
27) Chrysene-d12	21.37	240	39380	0.40	ng	0.00
34) Perylene-d12	23.83	264	53969	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	6176	0.32	ng	0.01
5) Phenol-d6	7.01	99	8028	0.31	ng	-0.01
8) Nitrobenzene-d5	9.00	82	5977	0.30	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	15134	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	629	0.22	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	17904	0.28	ng	0.00
25) Fluoranthene-d10	19.23	212	109143	0.28	ng	0.00
29) Terphenyl-d14	19.82	244	24630	0.26	ng	0.00

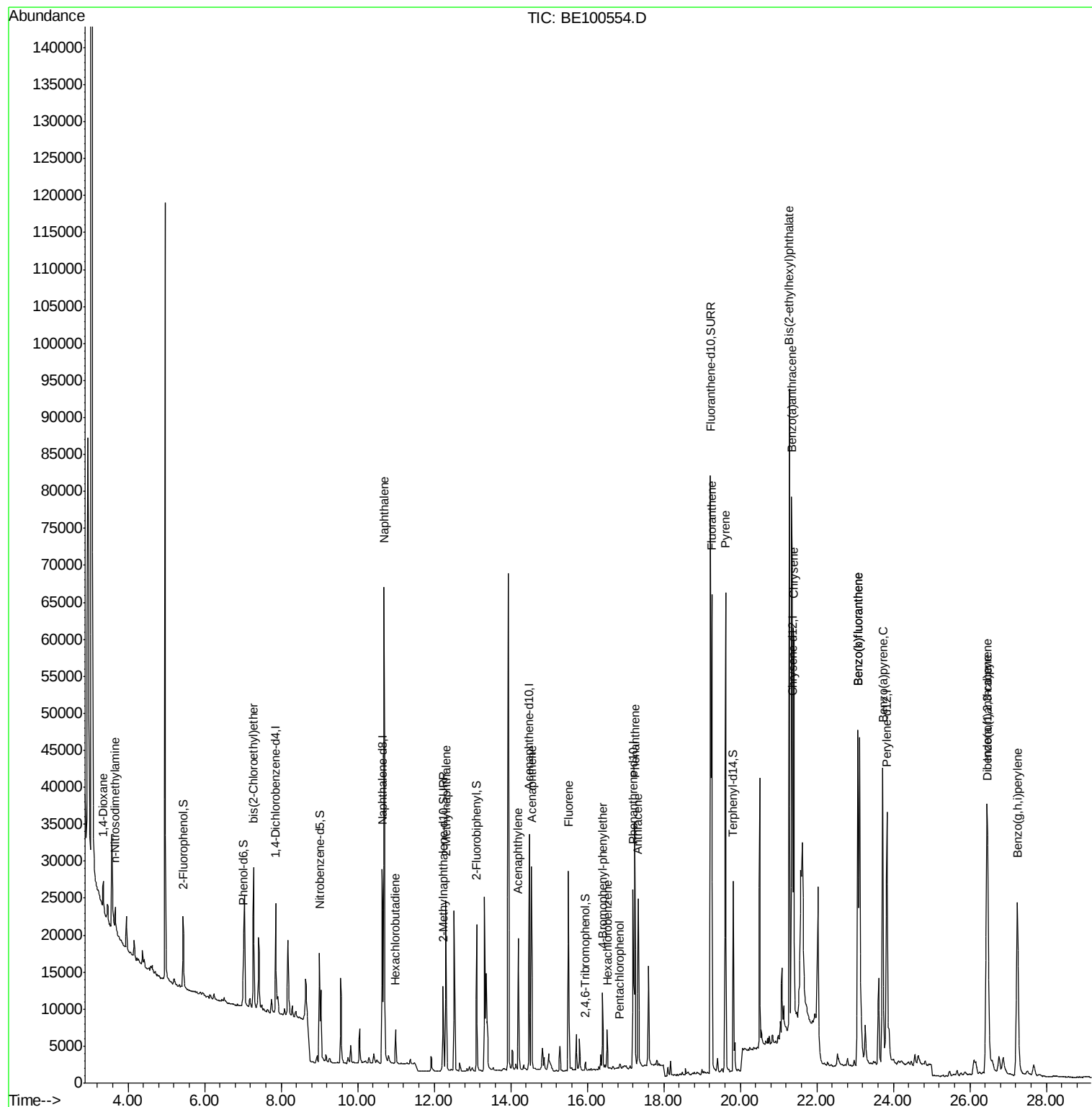
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	2851	0.243	ng	# 67
3) n-Nitrosodimethylamine	3.66	42	2229	0.324	ng	# 95
6) bis(2-Chloroethyl)ether	7.28	93	7430	0.282	ng	87
9) Naphthalene	10.69	128	105254	0.298	ng	100
10) Hexachlorobutadiene	10.99	225	3135	0.278	ng	98
12) 2-Methylnaphthalene	12.31	142	16144	0.287	ng	99
16) Acenaphthylene	14.20	152	23367	0.321	ng	99
17) Acenaphthene	14.54	154	13663	0.278	ng	99
18) Fluorene	15.51	166	16511	0.268	ng	100
20) 4-Bromophenyl-phenylether	16.40	248	4755	0.309	ng	94
21) Hexachlorobenzene	16.52	284	3639	0.272	ng	99
22) Pentachlorophenol	16.85	266	374	0.293	ng	98
23) Phenanthrene	17.24	178	33890	0.372	ng	100
24) Anthracene	17.34	178	23725	0.309	ng	100
26) Fluoranthene	19.25	202	56335	0.513	ng	100
28) Pyrene	19.62	202	60243	0.532	ng	98
30) Benzo(a)anthracene	21.34	228	57973	0.551	ng	99
31) Chrysene	21.40	228	58296	0.486	ng	99
32) Bis(2-ethylhexyl)phthalate	21.28	149	95024	0.838	ng	100
33) Indeno(1,2,3-cd)pyrene	26.44	276	66822	0.502	ng	98
35) Benzo(b)fluoranthene	23.07	252	72124	0.494	ng	99
36) Benzo(k)fluoranthene	23.07	252	72124	0.427	ng	99
37) Benzo(a)pyrene	23.72	252	65688	0.482	ng	99
38) Dibenzo(a,h)anthracene	26.47	278	44316	0.312	ng	98
39) Benzo(g,h,i)perylene	27.24	276	59652	0.403	ng	99

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

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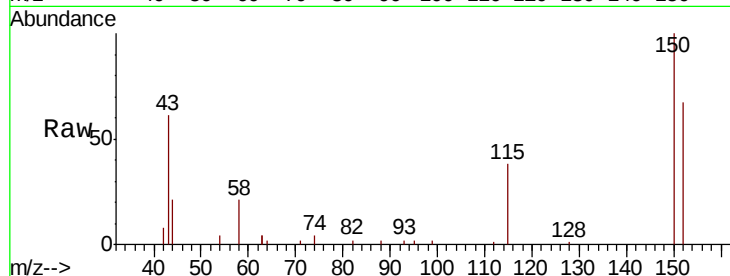


#1

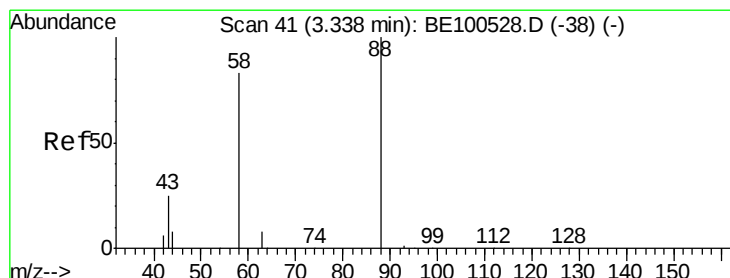
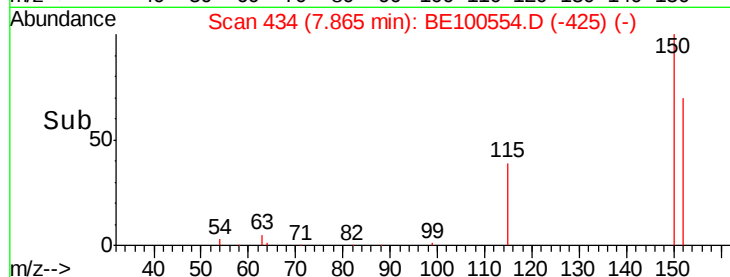
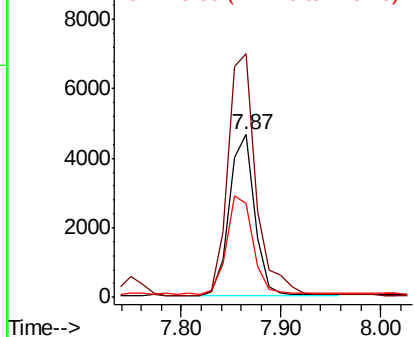
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 8130
Ion Ratio Lower Upper
152 100
150 149.5 121.6 182.4
115 57.4 48.2 72.4



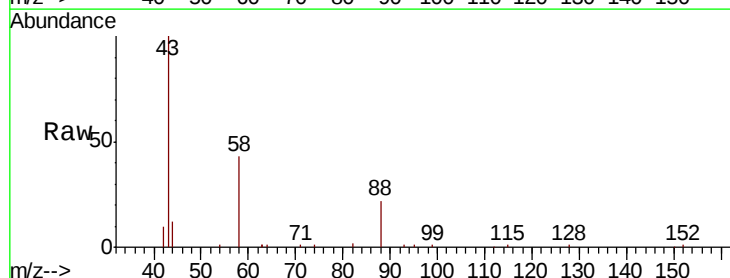
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



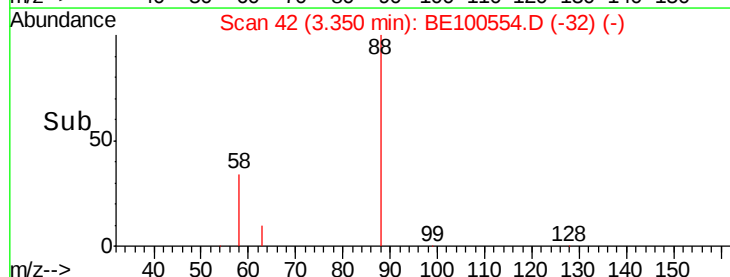
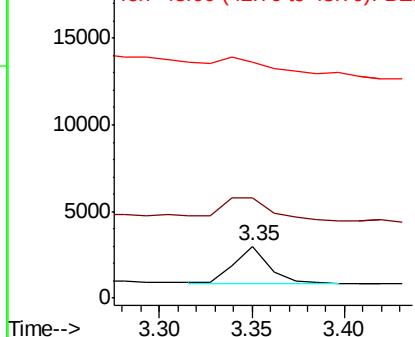
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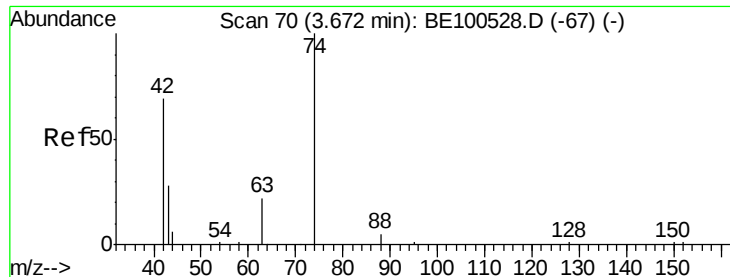
1,4-Dioxane
Concen: 0.243 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.01 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion: 88 Resp: 2851
Ion Ratio Lower Upper
88 100
58 89.8 53.3 79.9#
43 0.0 16.9 25.3#



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



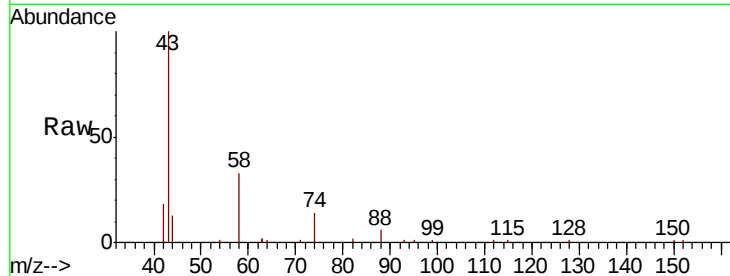


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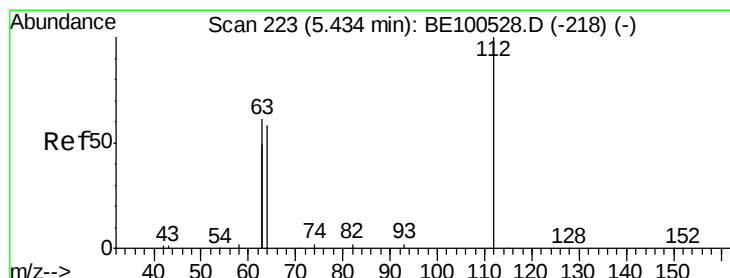
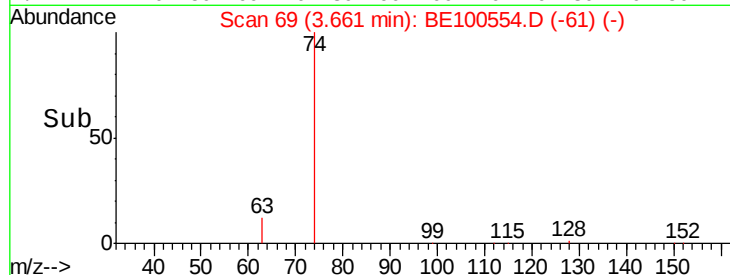
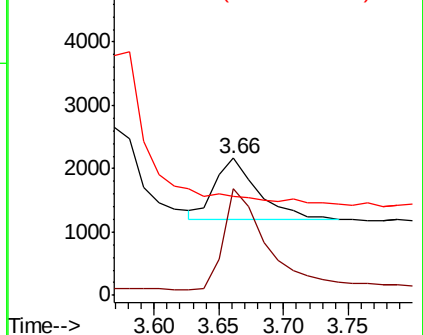
n-Nitrosodimethylamine
 Concen: 0.324 ng
 RT: 3.66 min Scan# 69
 Delta R.T. -0.01 min
 Lab File: BE100554.D
 Acq: 25 Sep 2019 12:39

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 2229
 Ion Ratio Lower Upper
 42 100
 74 173.0 133.8 200.6
 44 0.0 6.4 9.6#



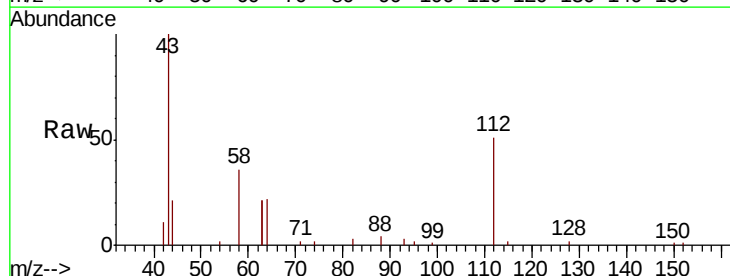
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



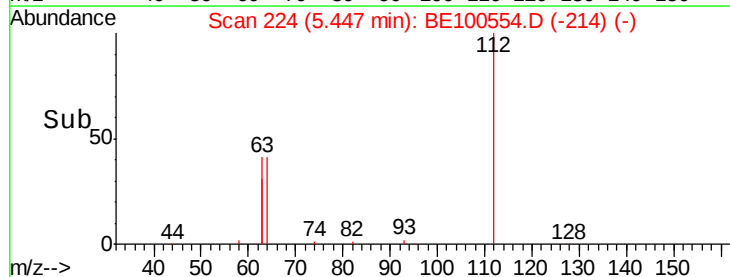
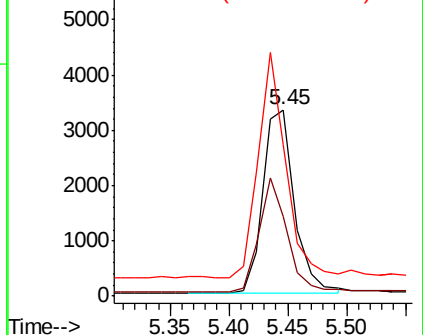
#4

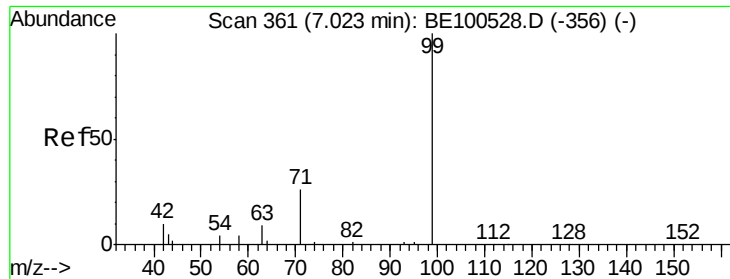
2-Fluorophenol
 Concen: 0.324 ng
 RT: 5.45 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: BE100554.D
 Acq: 25 Sep 2019 12:39

Tgt Ion: 112 Resp: 6176
 Ion Ratio Lower Upper
 112 100
 64 55.6 44.1 66.1
 63 108.0 86.5 129.7



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: 0.308 ng

RT: 7.01 min Scan# 360

Delta R.T. -0.01 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

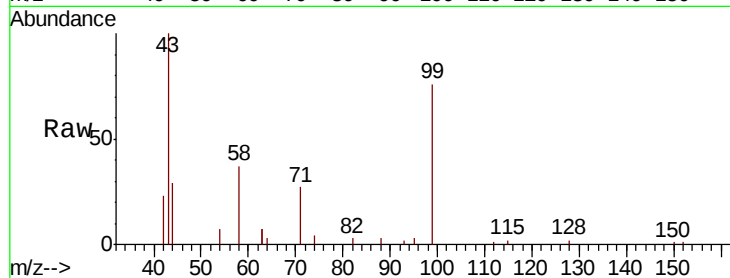
Instrument :

BNA_E

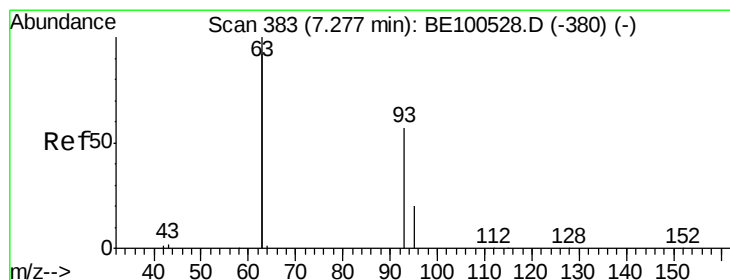
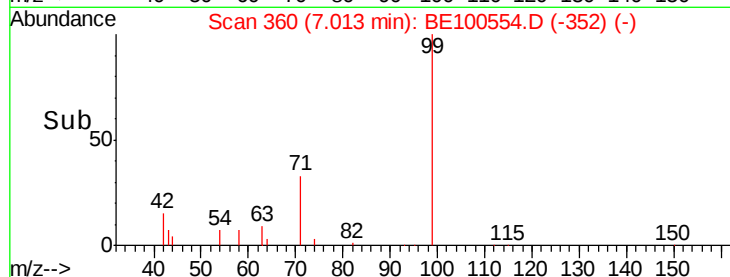
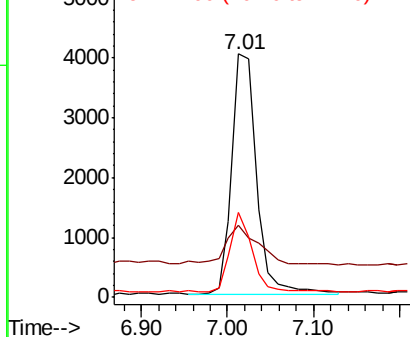
ClientSampleId :

Tot Ion: 99 Resp: 8028

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.0	19.6#
71	29.1	23.4	35.0



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.282 ng

RT: 7.28 min Scan# 383

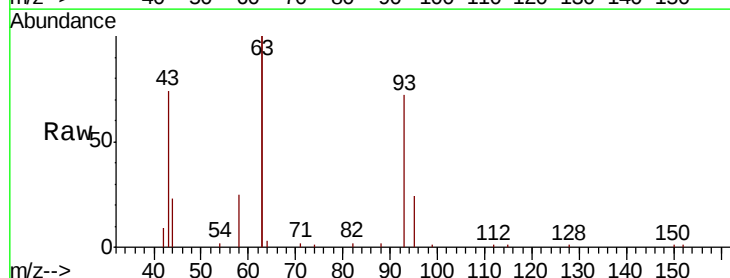
Delta R.T. 0.00 min

Lab File: BE100554.D

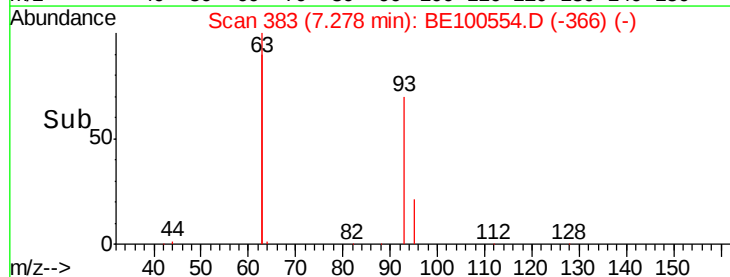
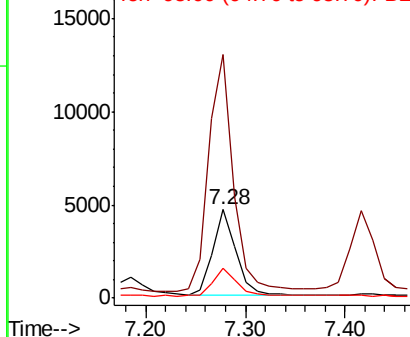
Acq: 25 Sep 2019 12:39

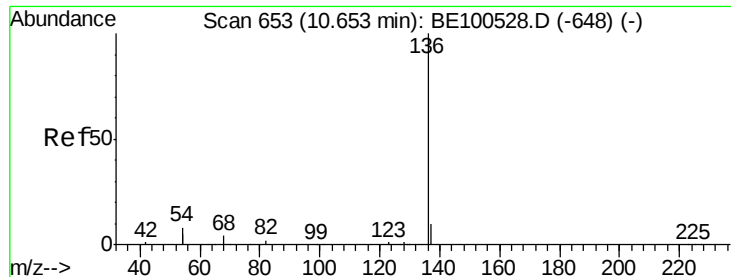
Tgt Ion: 93 Resp: 7430

Ion	Ratio	Lower	Upper
93	100		
63	290.6	213.4	320.0
95	33.3	23.7	35.5



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: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

Instrument :

BNA_E

ClientSampled :

Tot Ion:136 Resp: 34049

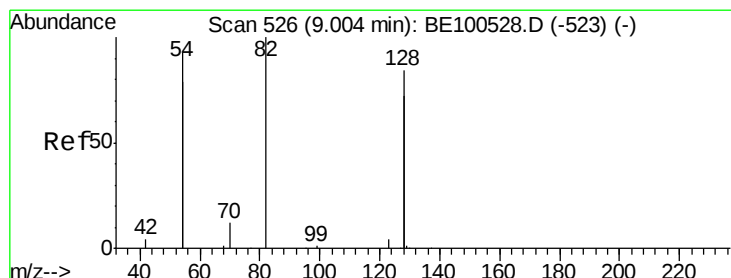
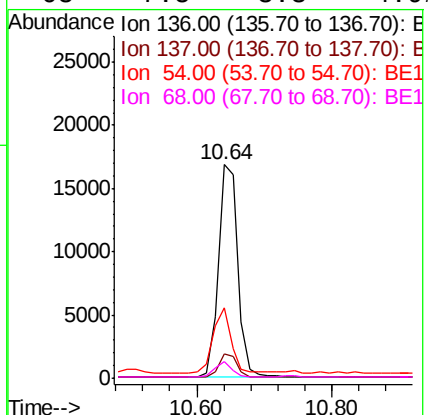
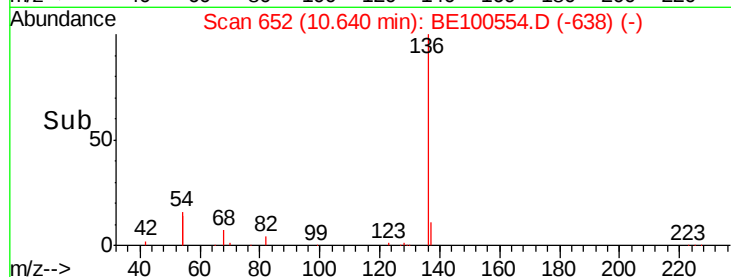
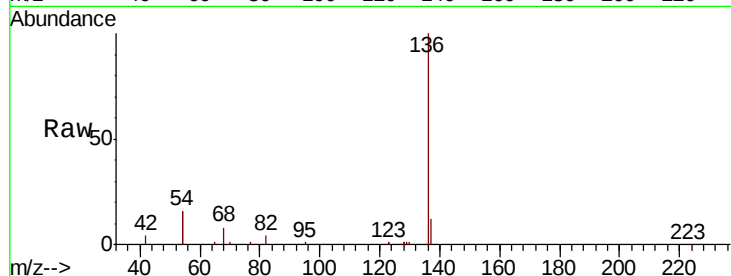
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 32.8 12.4 18.6#

68 7.5 3.3 4.9#



#8

Nitrobenzene-d5

Concen: 0.305 ng

RT: 9.00 min Scan# 526

Delta R.T. -0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

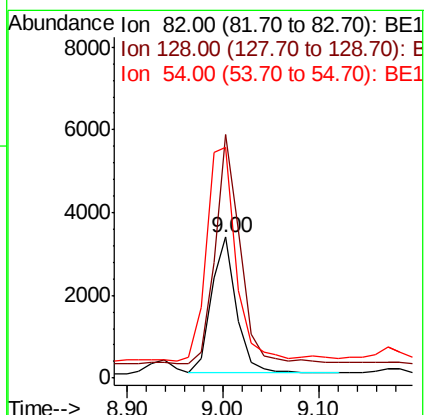
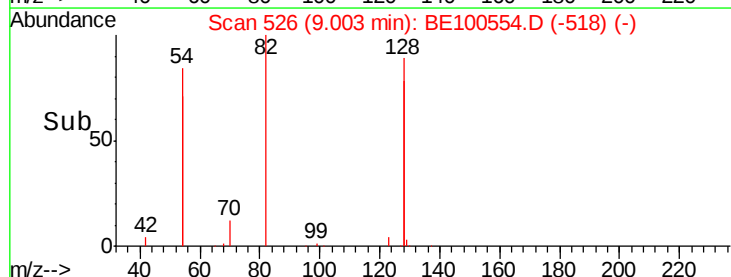
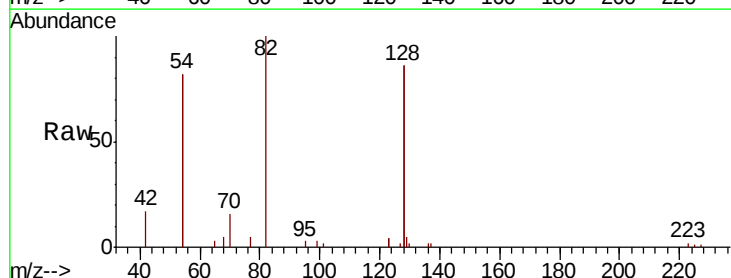
Tgt Ion: 82 Resp: 5977

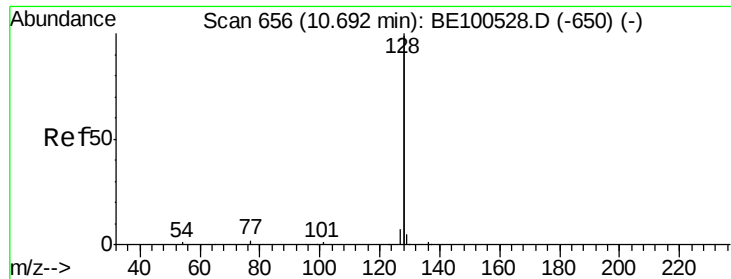
Ion Ratio Lower Upper

82 100

128 172.5 129.4 194.2

54 163.7 143.3 214.9





#9

Naphthalene

Concen: 0.298 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

Instrument :

BNA_E

ClientSampleId :

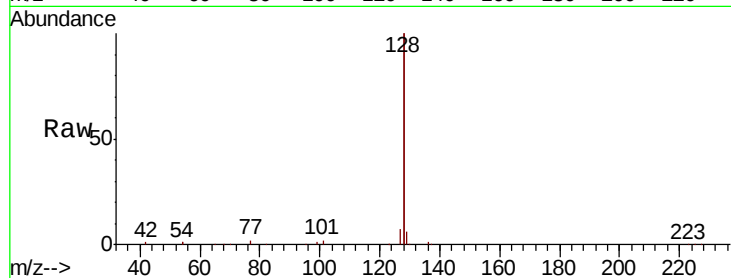
Tot Ion:128 Resp: 105254

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

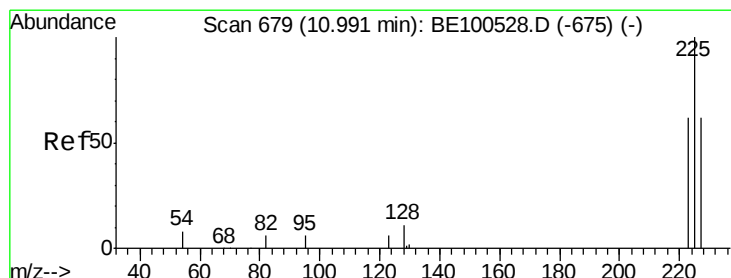
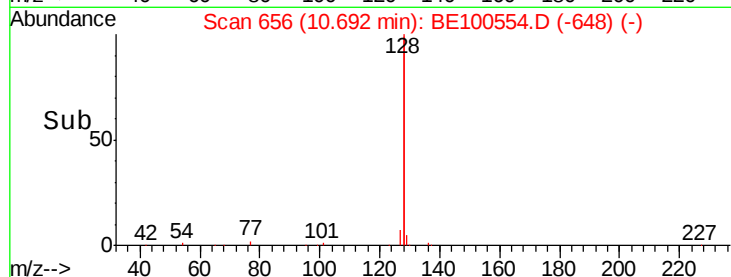
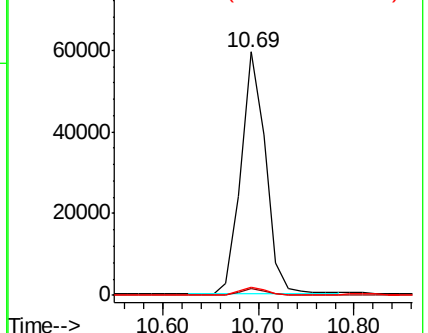
127 3.4 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.278 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

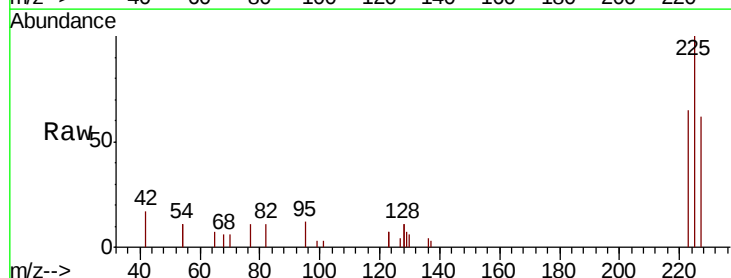
Tgt Ion:225 Resp: 3135

Ion Ratio Lower Upper

225 100

223 62.9 49.7 74.5

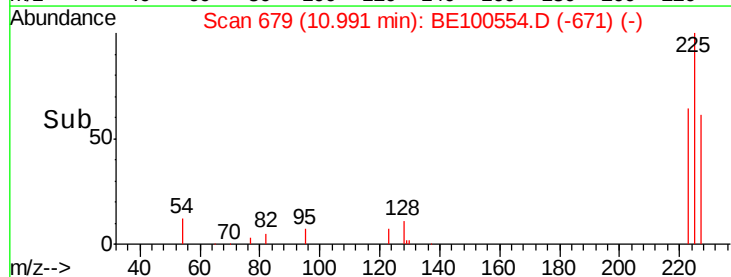
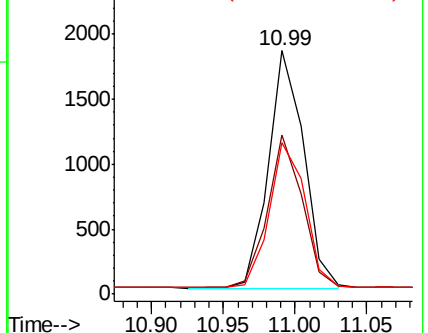
227 62.7 51.4 77.2

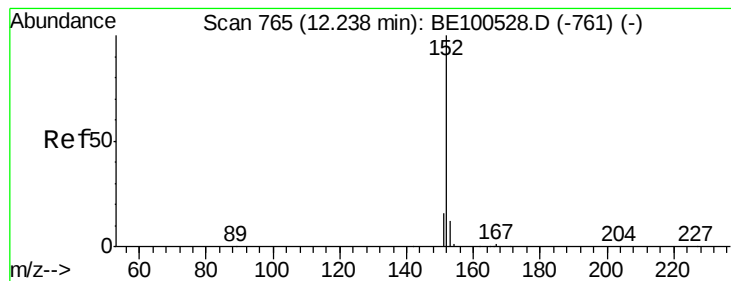


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

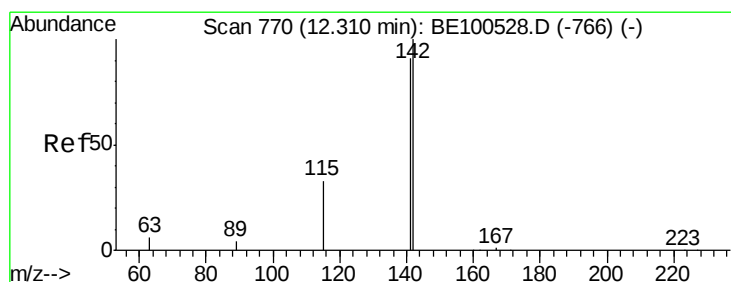
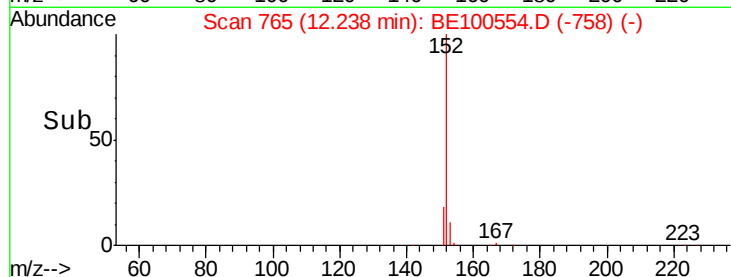
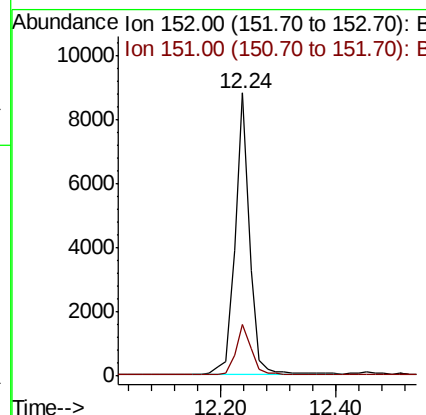
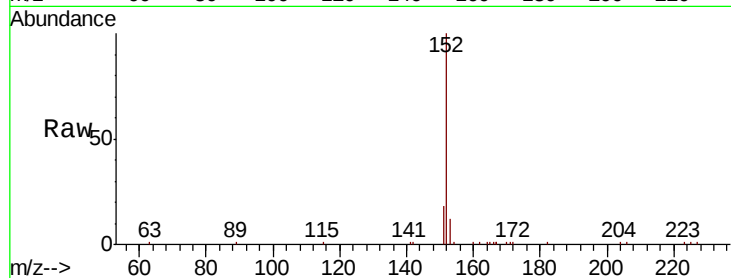




#11
 2-Methylnaphthalene-d10
 Concen: 0.297 ng
 RT: 12.24 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BE100554.D
 Acq: 25 Sep 2019 12:39

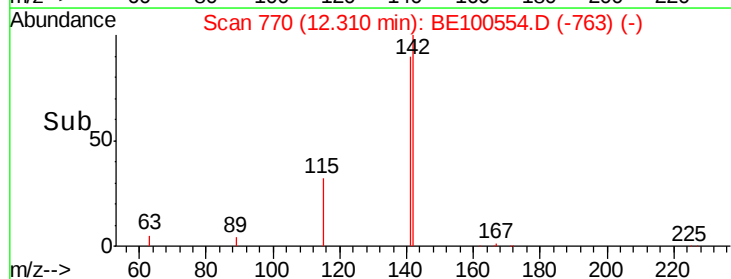
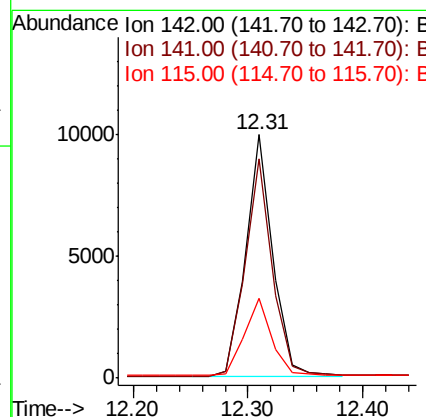
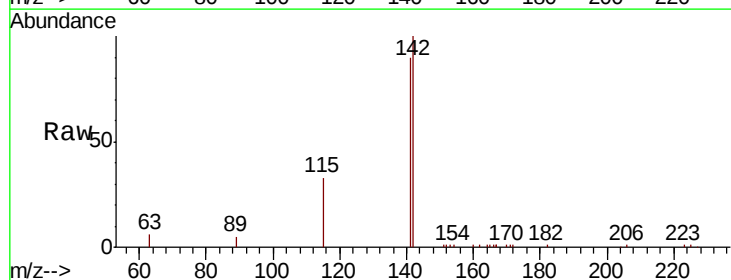
Instrument :
 BNA_E
 ClientSampleId :

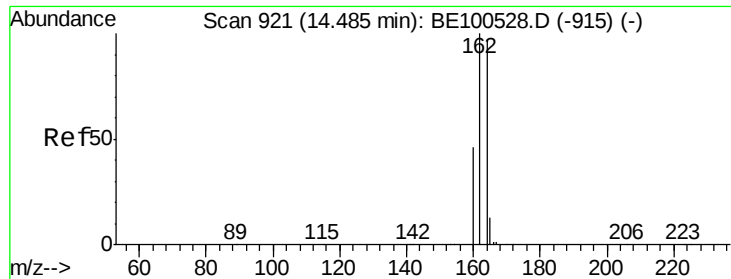
Tot Ion:152 Resp: 15134
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.287 ng
 RT: 12.31 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BE100554.D
 Acq: 25 Sep 2019 12:39

Tgt Ion:142 Resp: 16144
 Ion Ratio Lower Upper
 142 100
 141 89.9 72.5 108.7
 115 32.9 27.2 40.8

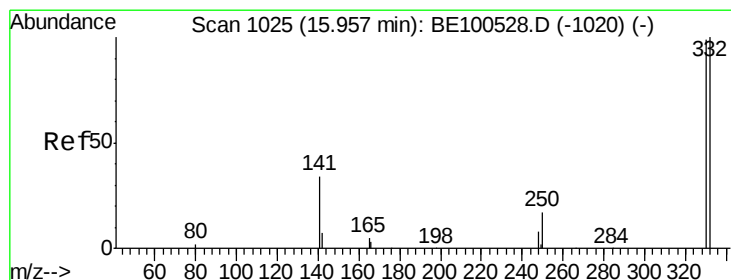
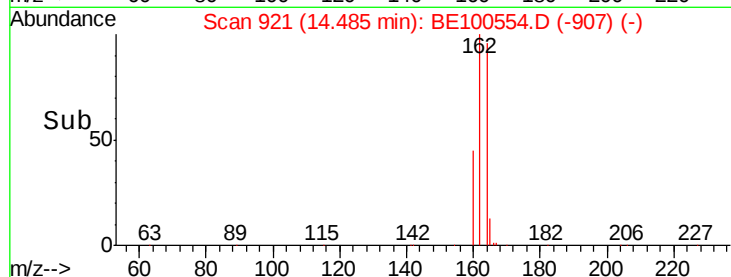
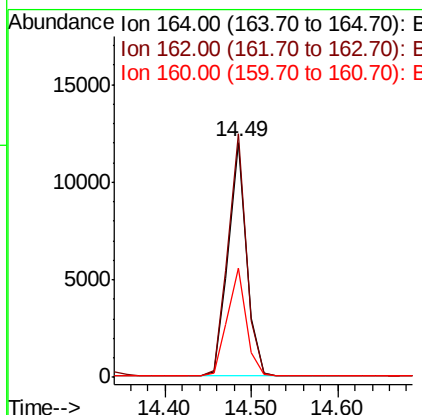
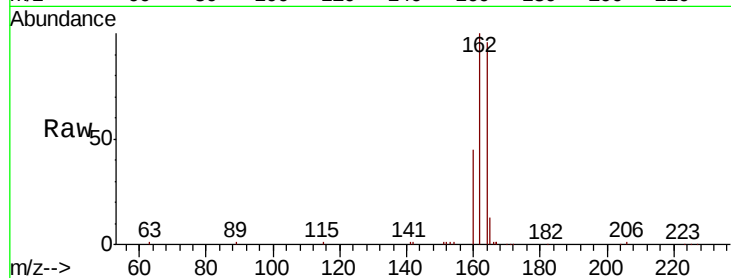




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BE100554.D
 Acq: 25 Sep 2019 12:39

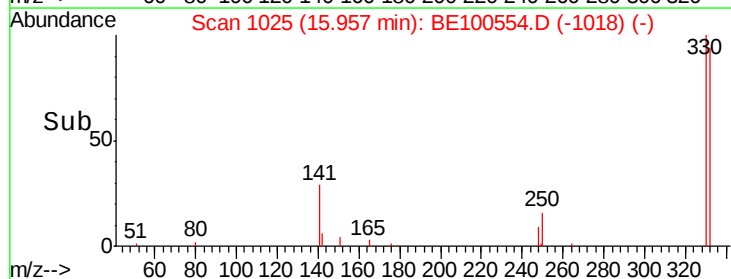
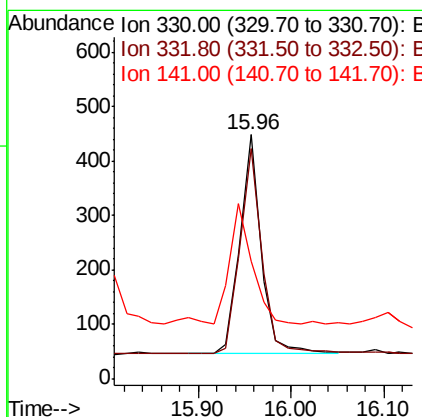
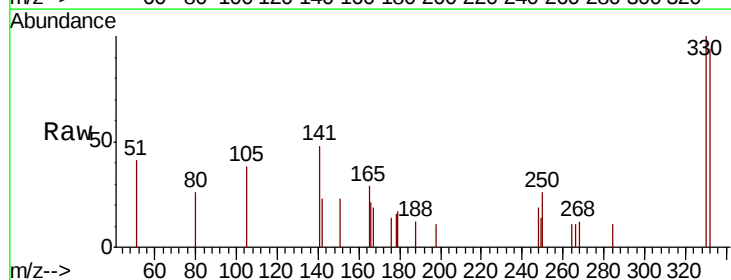
Instrument :
 BNA_E
 ClientSampleId :

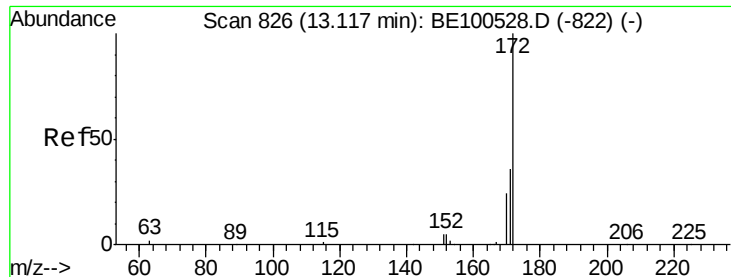
Tot Ion:164 Resp: 17684
 Ion Ratio Lower Upper
 164 100
 162 103.8 82.1 123.1
 160 46.5 37.6 56.4



#14
 2,4,6-Tribromophenol
 Concen: 0.220 ng
 RT: 15.96 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BE100554.D
 Acq: 25 Sep 2019 12:39

Tgt Ion:330 Resp: 629
 Ion Ratio Lower Upper
 330 100
 332 98.1 75.5 113.3
 141 58.7 42.3 63.5

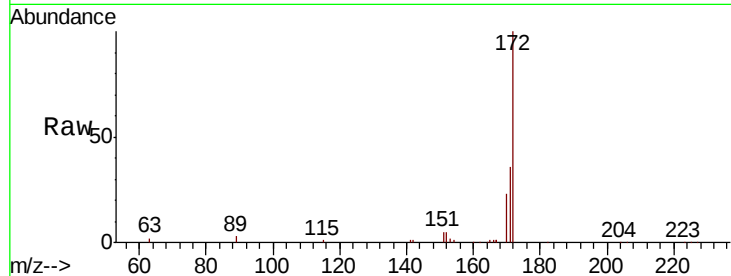




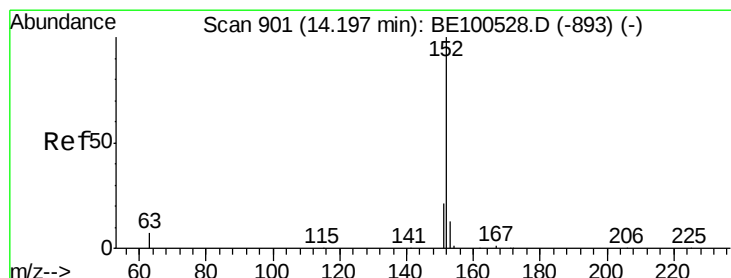
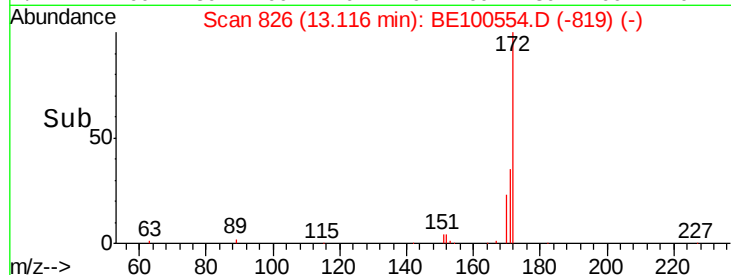
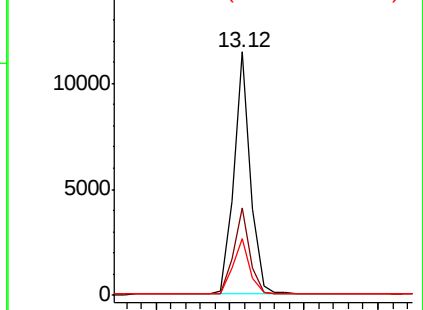
#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 17904
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.5 19.4 29.0

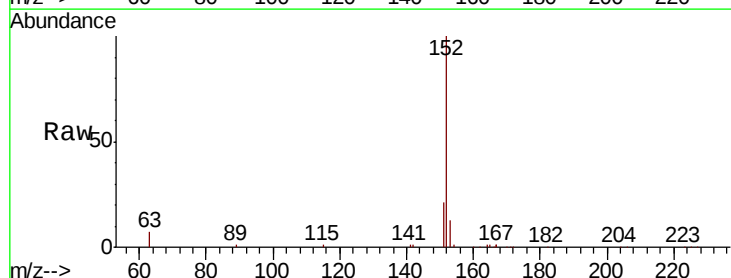


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

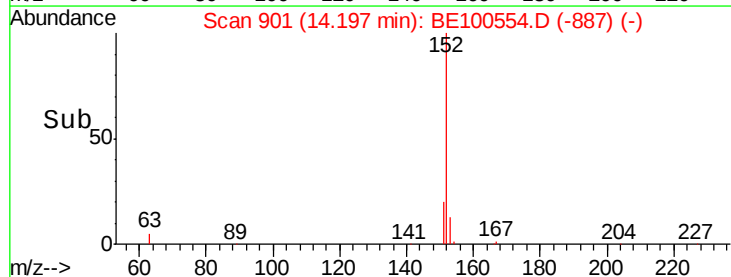
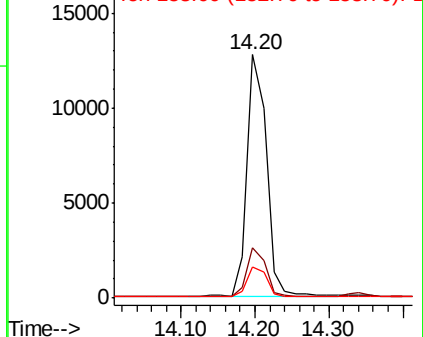


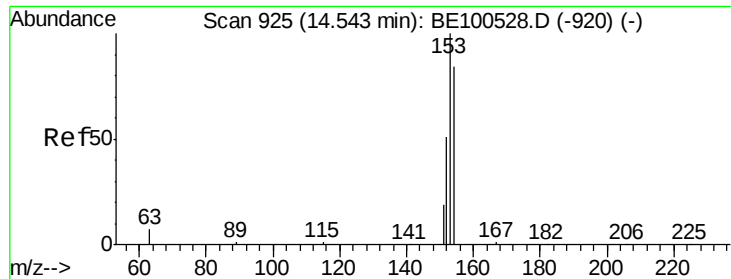
#16
Acenaphthylene
Concen: 0.321 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:152 Resp: 23367
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.7 10.7 16.1



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

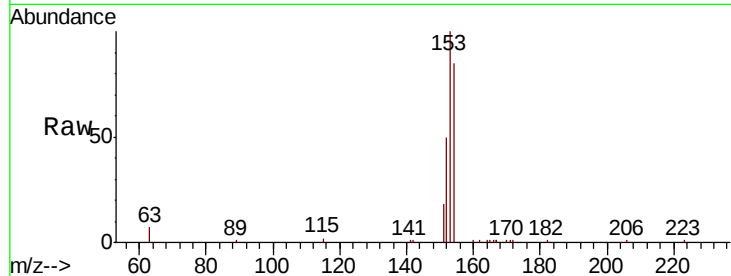




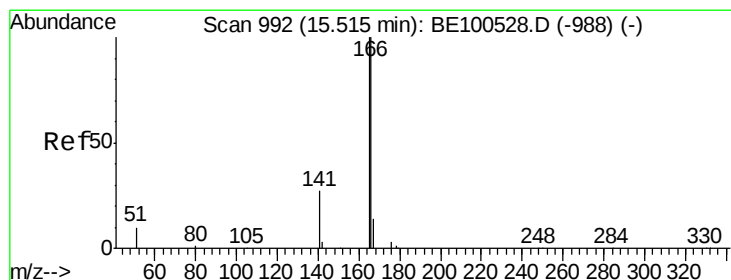
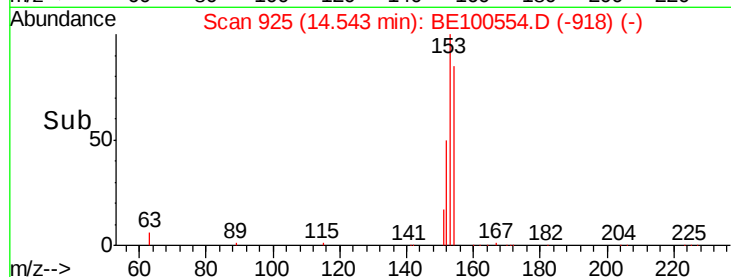
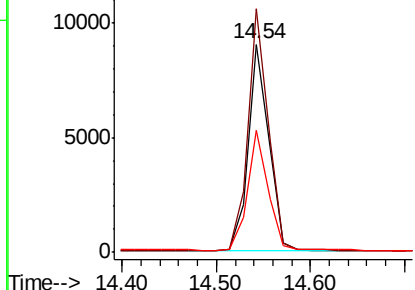
#17
Acenaphthene
Concen: 0.278 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 13663
Ion Ratio Lower Upper
154 100
153 116.4 93.7 140.5
152 58.3 47.3 70.9

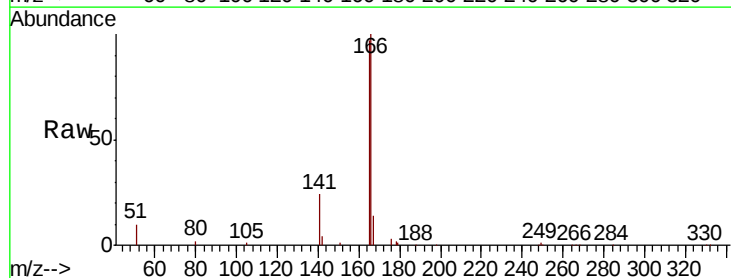


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

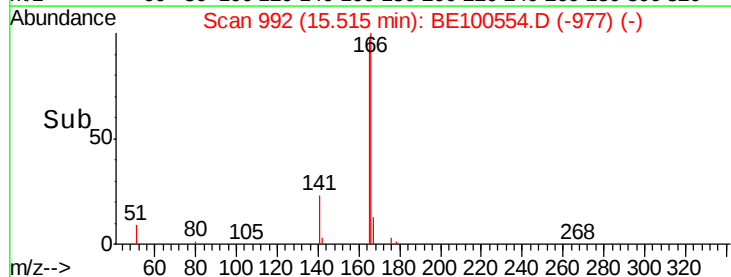
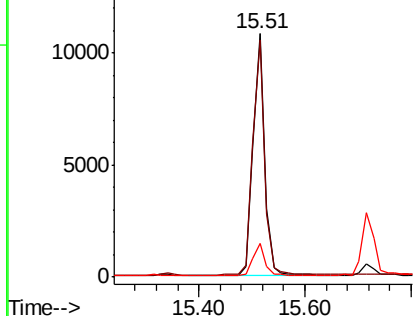


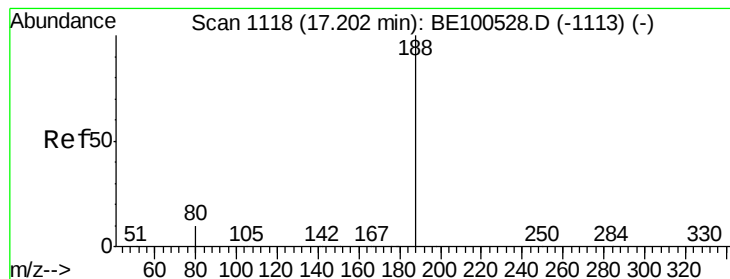
#18
Fluorene
Concen: 0.268 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100554.D
Acq: 25 Sep 2019 12:39

Tgt Ion:166 Resp: 16511
Ion Ratio Lower Upper
166 100
165 99.6 80.1 120.1
167 13.7 10.9 16.3



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: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

Instrument :

BNA_E

ClientSampleId :

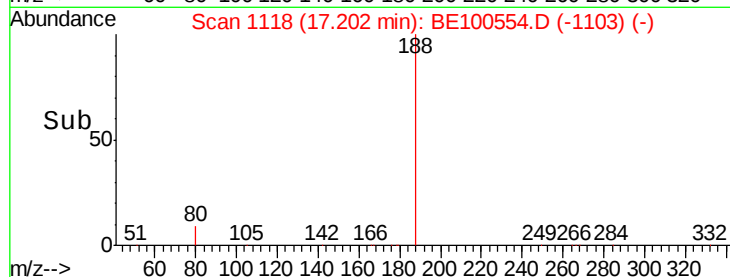
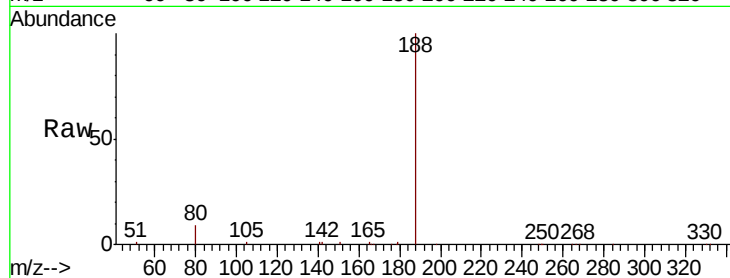
Tot Ion:188 Resp: 32704

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

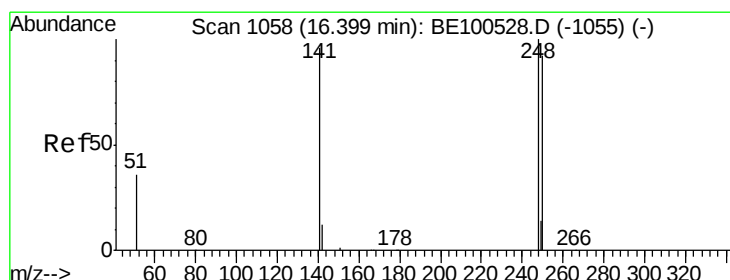
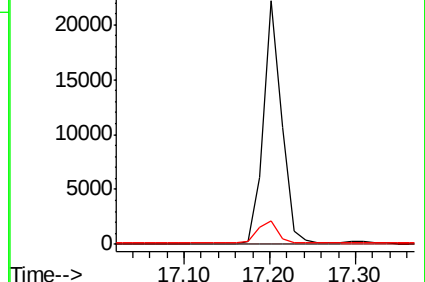
80 9.4 8.0 12.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.309 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

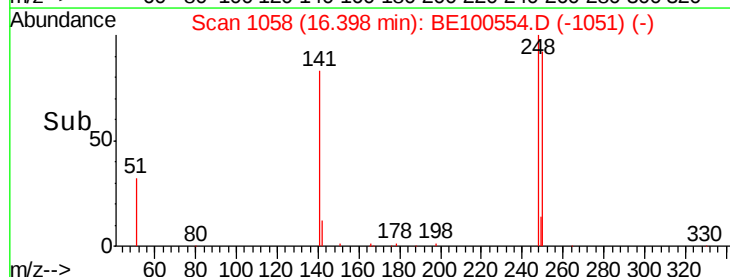
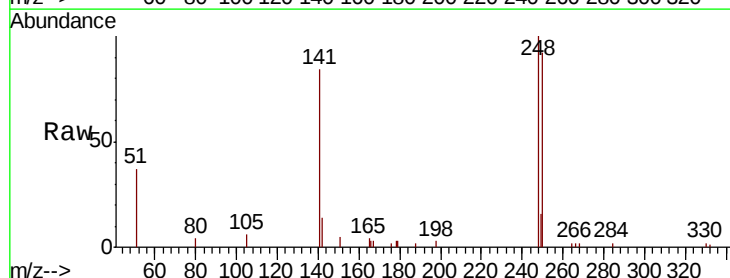
Tgt Ion:248 Resp: 4755

Ion Ratio Lower Upper

248 100

250 92.1 73.5 110.3

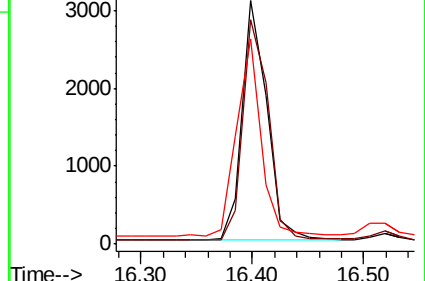
141 84.5 77.0 115.4

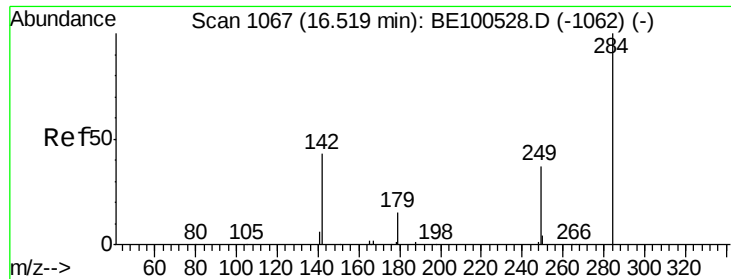


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.272 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

Instrument :

BNA_E

ClientSampleId :

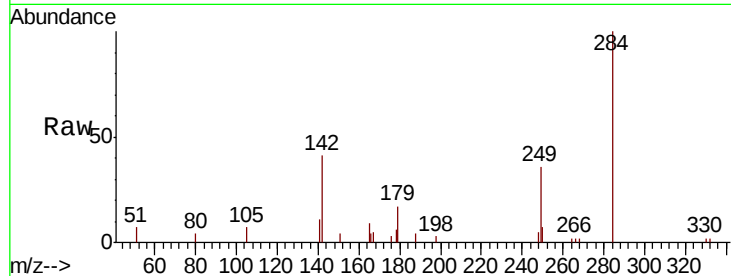
Tot Ion:284 Resp: 3639

Ion Ratio Lower Upper

284 100

142 48.8 39.0 58.6

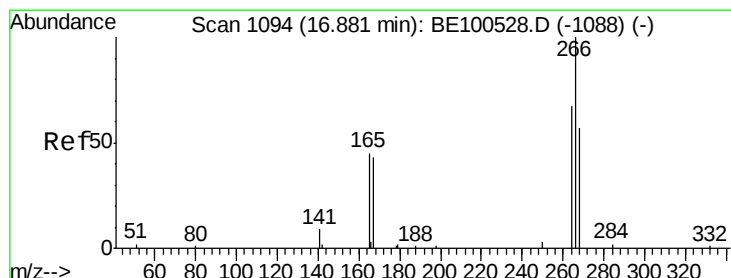
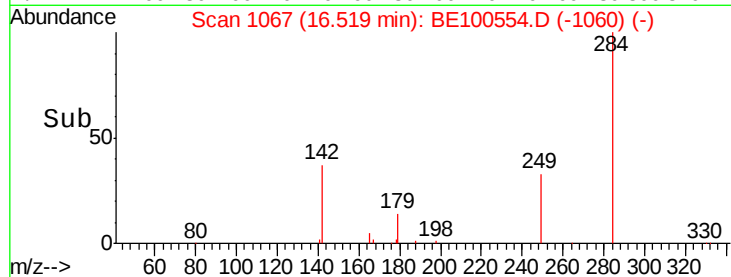
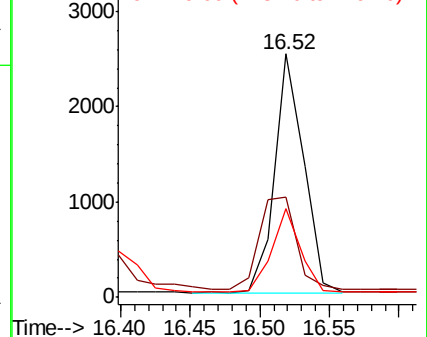
249 34.2 28.2 42.2



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: 0.293 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.03 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

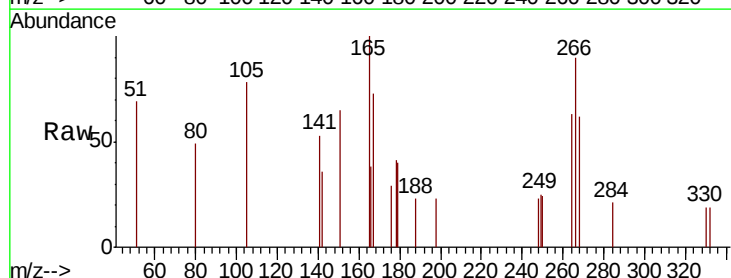
Tgt Ion:266 Resp: 374

Ion Ratio Lower Upper

266 100

264 69.9 57.6 86.4

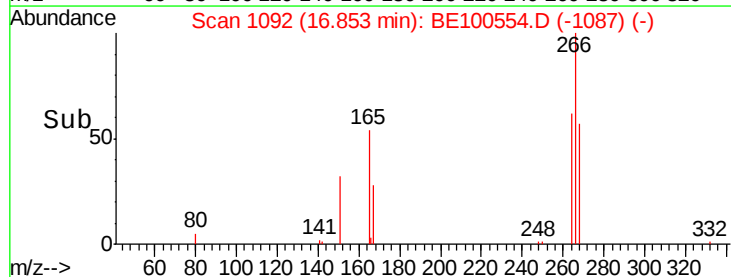
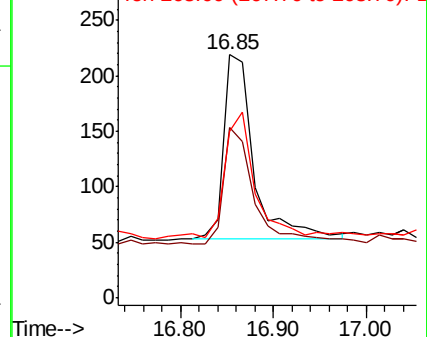
268 68.5 55.1 82.7

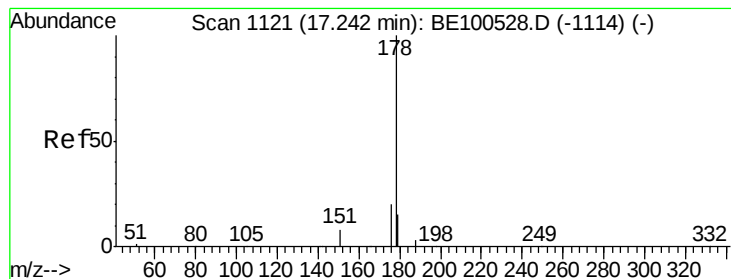


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.372 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

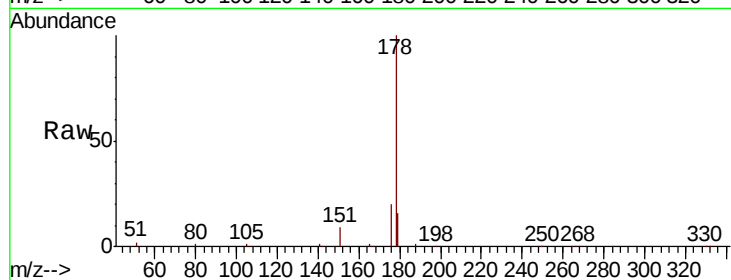
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 33890

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.5	12.6	18.8

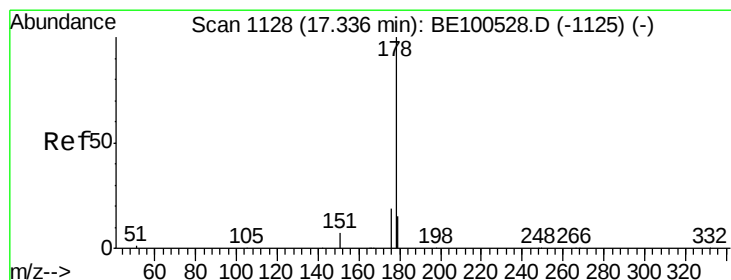
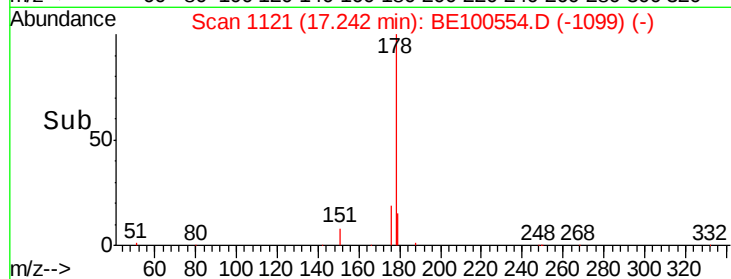
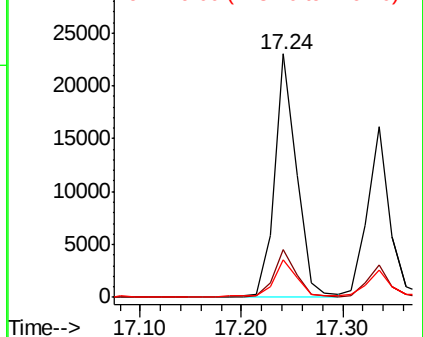


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.309 ng

RT: 17.34 min Scan# 1128

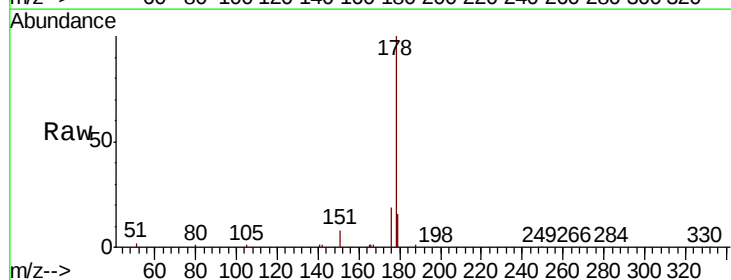
Delta R.T. -0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

Tgt Ion:178 Resp: 23725

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.2	12.2	18.4

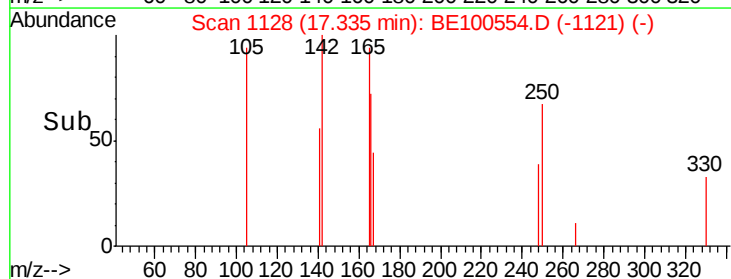
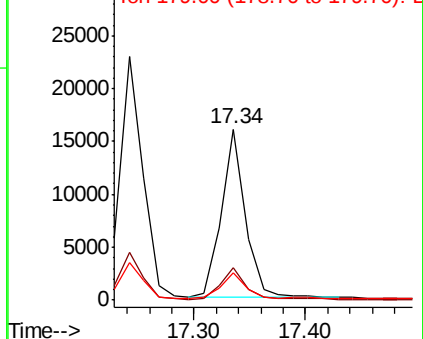


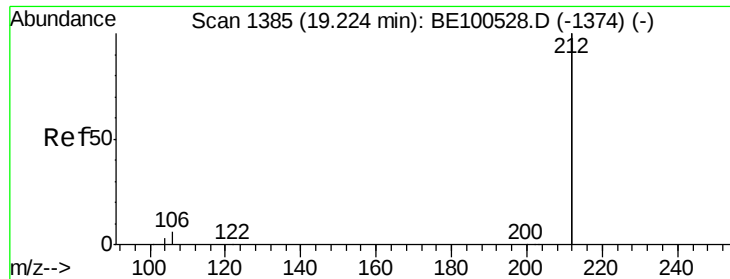
Abundance

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: 0.281 ng

RT: 19.23 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

Instrument :

BNA_E

ClientSampleId :

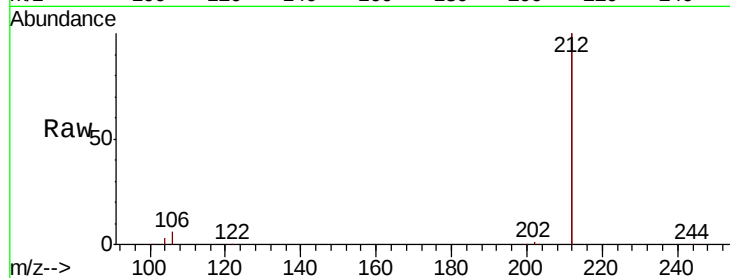
Tot Ion:212 Resp: 109143

Ion Ratio Lower Upper

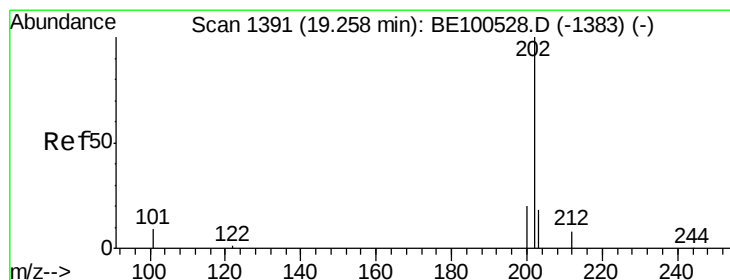
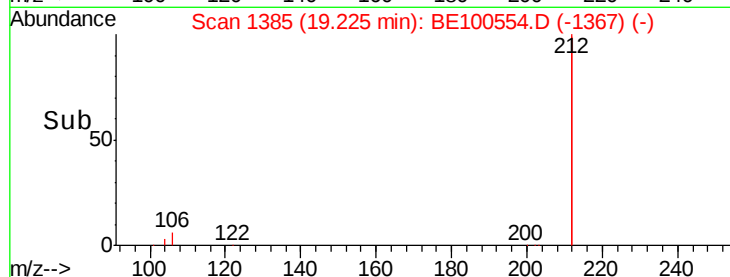
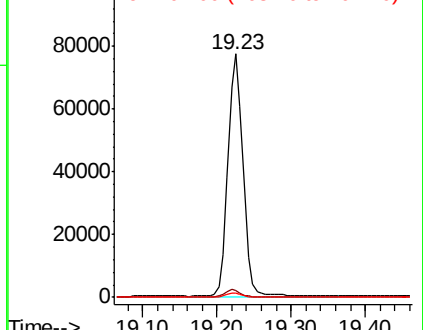
212 100

106 3.0 2.3 3.5

104 1.7 1.3 1.9



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: 0.513 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

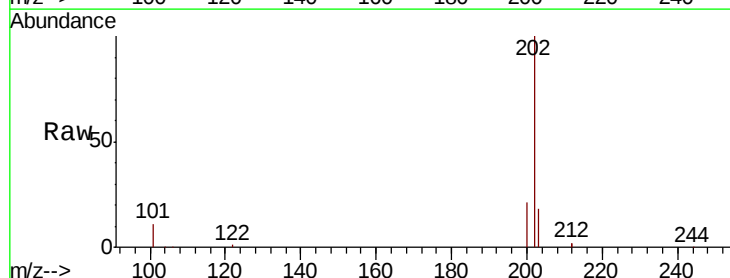
Tgt Ion:202 Resp: 56335

Ion Ratio Lower Upper

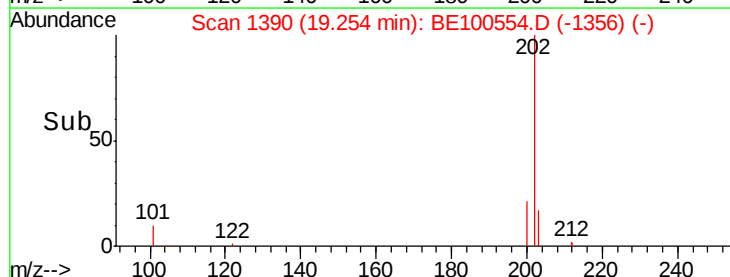
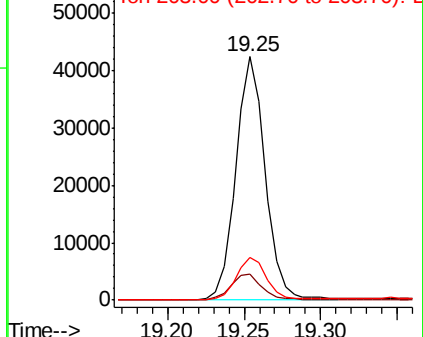
202 100

101 10.9 8.8 13.2

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

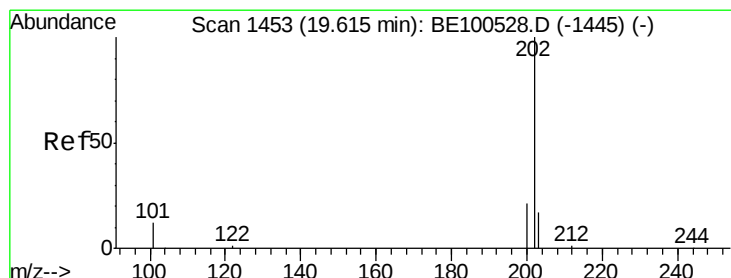
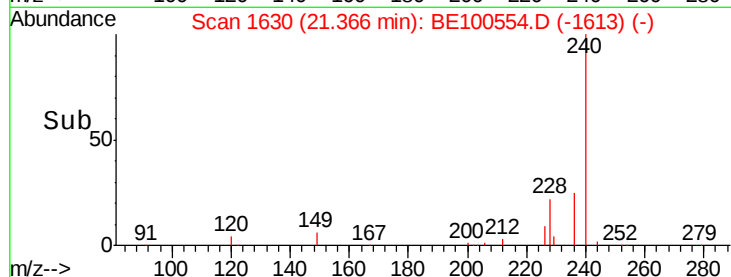
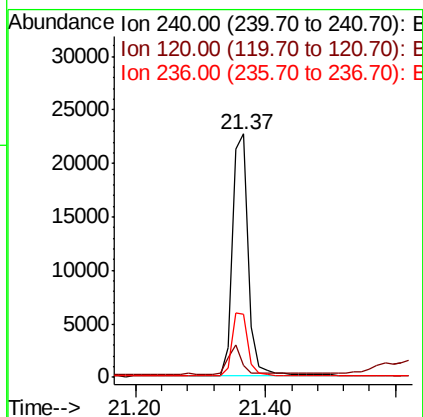
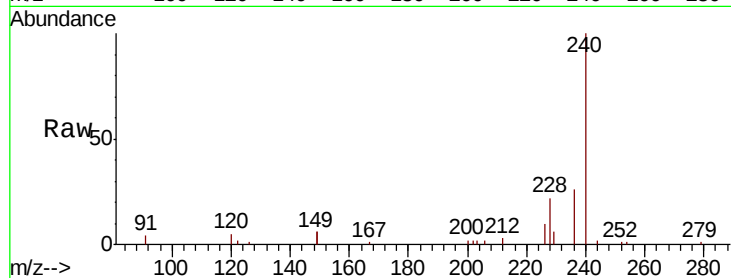




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE100554.D
 Acq: 25 Sep 2019 12:39

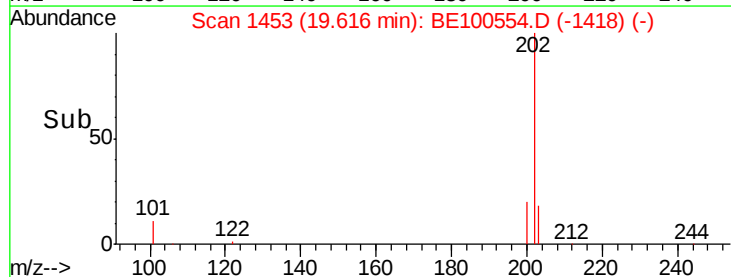
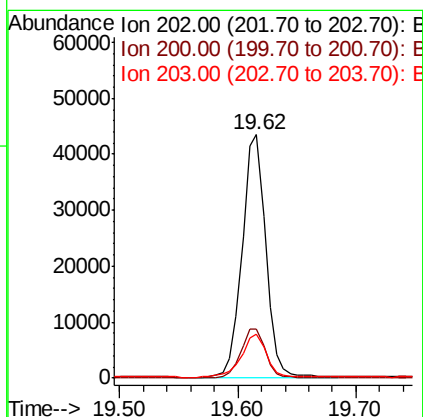
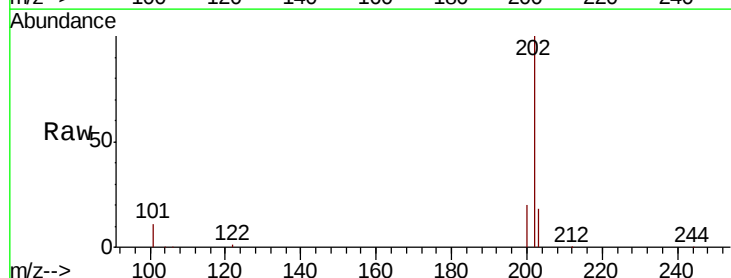
Instrument :
 BNA_E
 ClientSampleId :

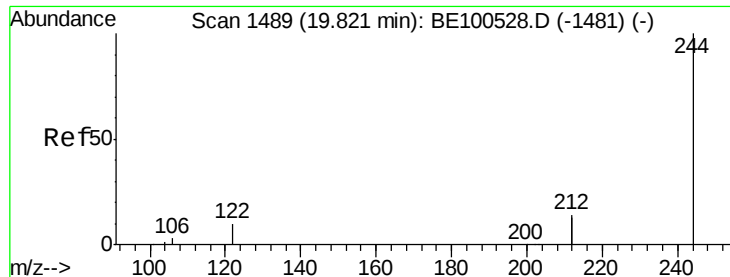
Tot Ion:240 Resp: 39380
 Ion Ratio Lower Upper
 240 100
 120 5.1 4.5 6.7
 236 25.9 20.6 30.8



#28
 Pyrene
 Concen: 0.532 ng
 RT: 19.62 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BE100554.D
 Acq: 25 Sep 2019 12:39

Tgt Ion:202 Resp: 60243
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.6 25.0
 203 18.9 14.0 21.0





#29

Terphenyl-d14

Concen: 0.264 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

Instrument :

BNA_E

ClientSampleId :

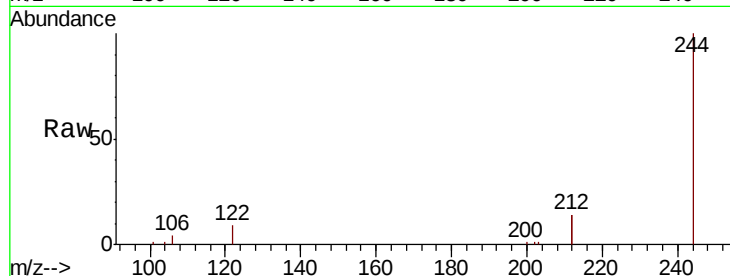
Tot Ion:244 Resp: 24630

Ion Ratio Lower Upper

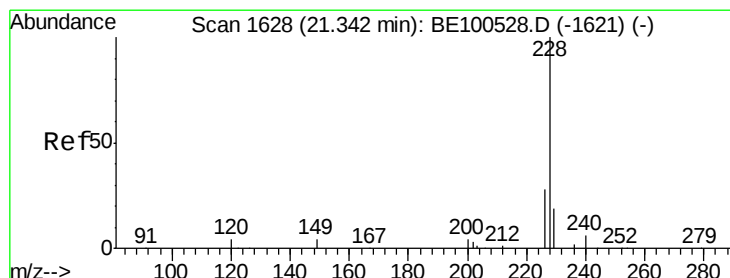
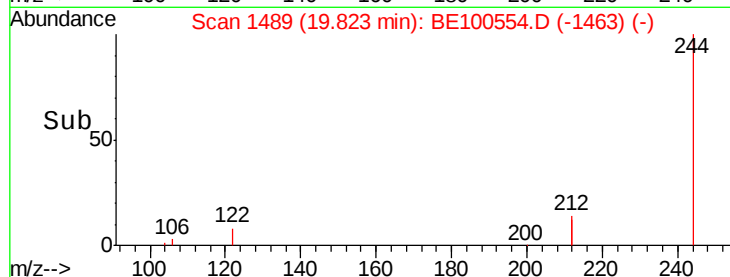
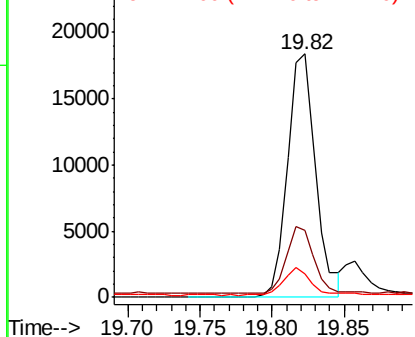
244 100

212 27.7 22.2 33.2

122 9.5 8.3 12.5



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: 0.551 ng

RT: 21.34 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

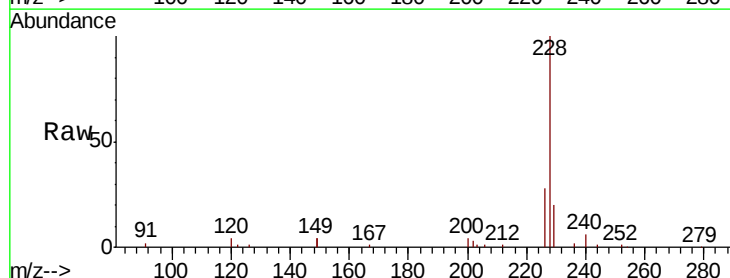
Tgt Ion:228 Resp: 57973

Ion Ratio Lower Upper

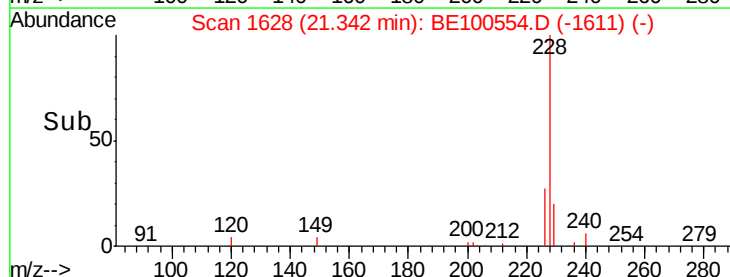
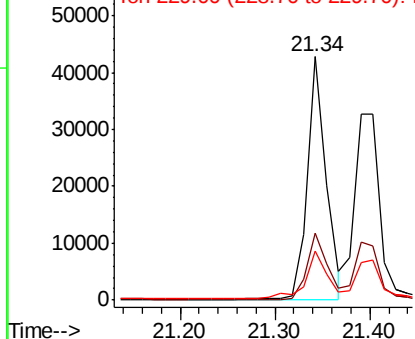
228 100

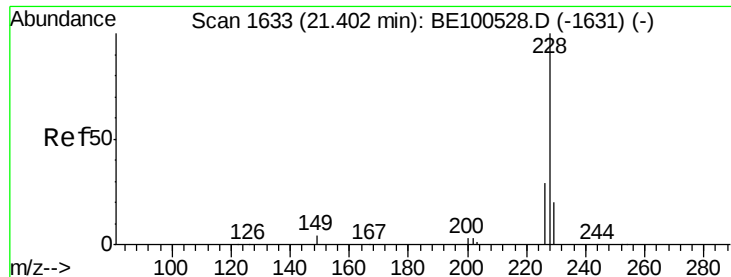
226 27.7 22.5 33.7

229 20.4 15.4 23.2



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: 0.486 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

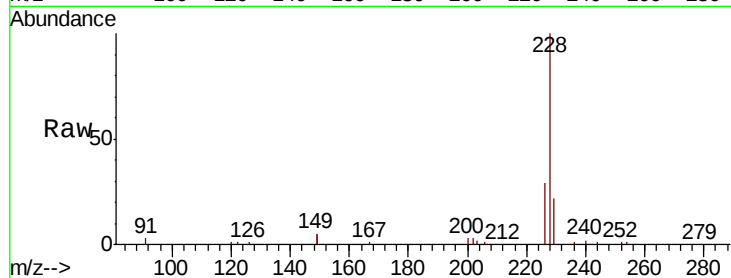
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 58296

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.3	34.9
229	21.6	16.3	24.5

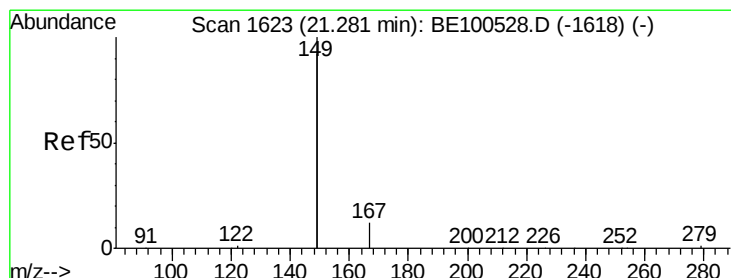
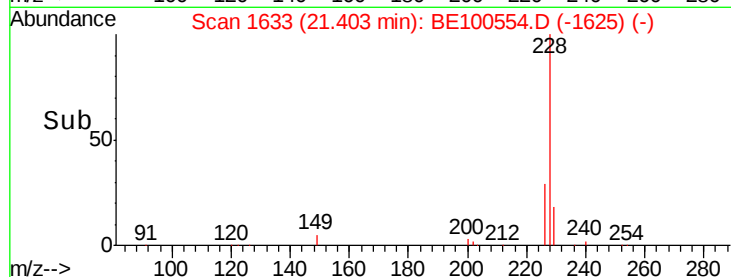
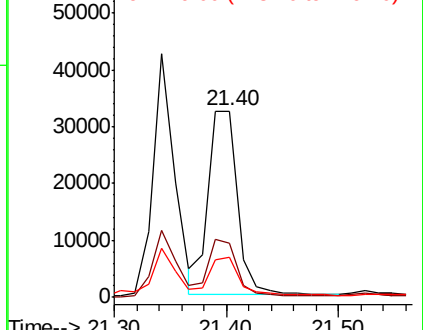


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.838 ng

RT: 21.28 min Scan# 1623

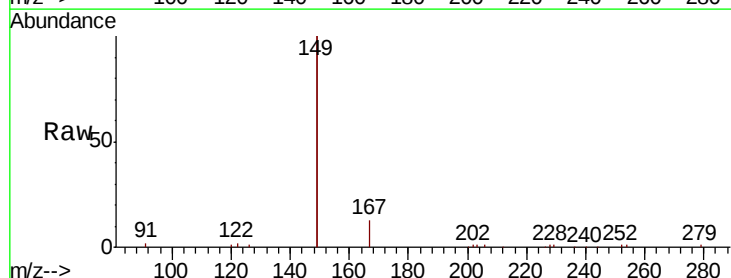
Delta R.T. 0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

Tgt Ion:149 Resp: 95024

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.2	7.8
279	1.1	1.0	1.4

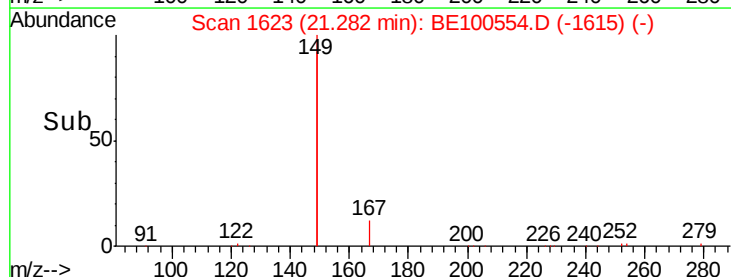
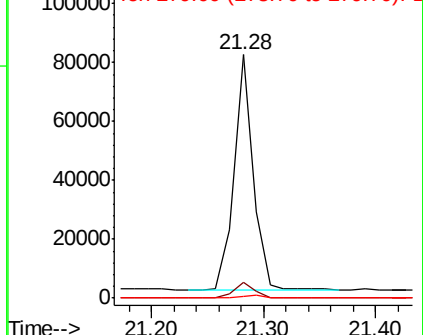


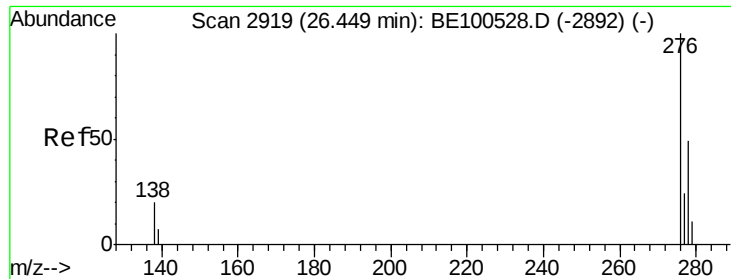
Abundance

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

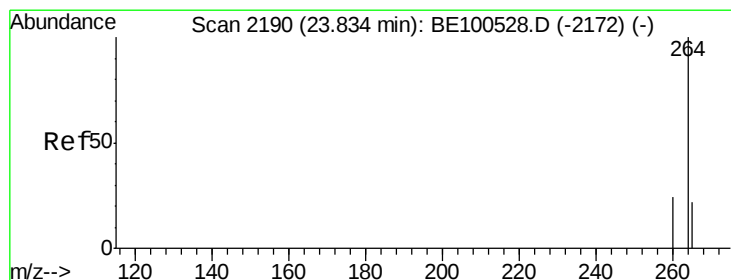
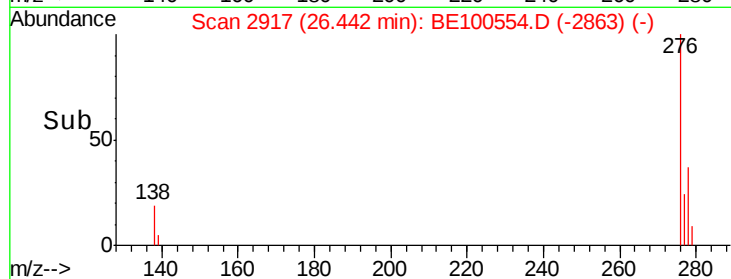
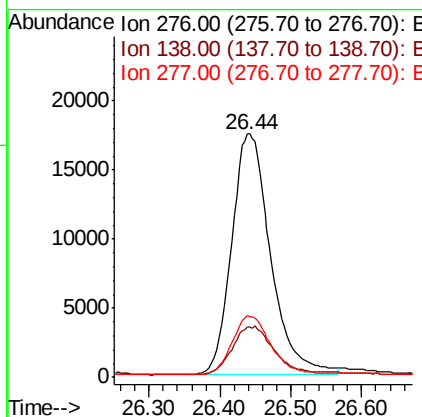
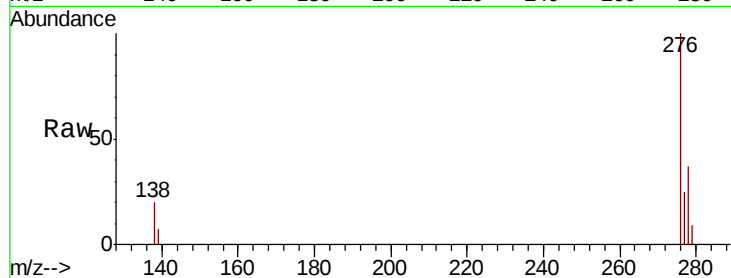




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.502 ng
 RT: 26.44 min Scan# 2917
 Delta R.T. -0.01 min
 Lab File: BE100554.D
 Acq: 25 Sep 2019 12:39

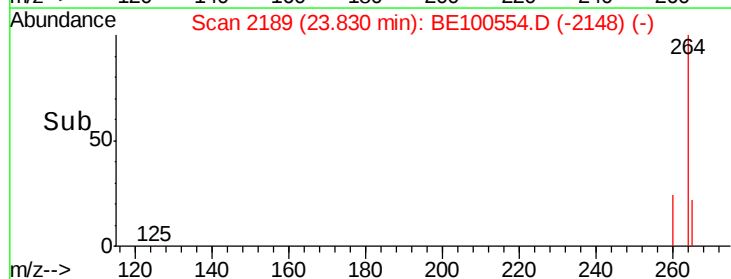
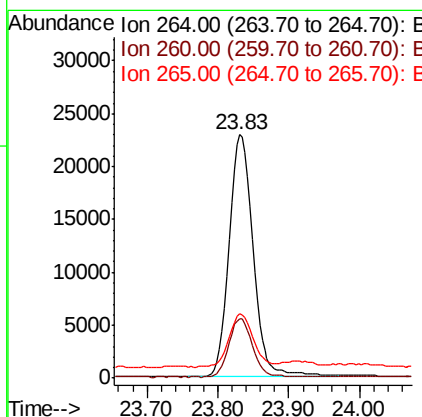
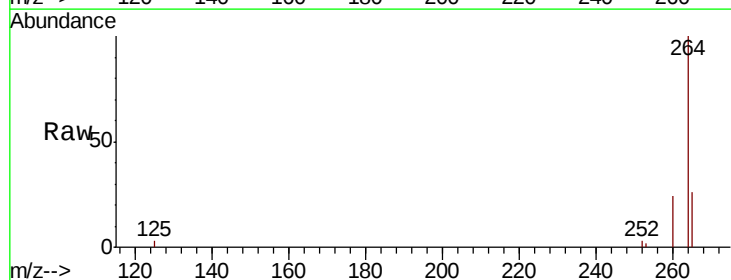
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 66822
 Ion Ratio Lower Upper
 276 100
 138 21.4 17.7 26.5
 277 23.9 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BE100554.D
 Acq: 25 Sep 2019 12:39

Tgt Ion:264 Resp: 53969
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 26.5 21.8 32.8





#35

Benzo(b)fluoranthene

Concen: 0.494 ng

RT: 23.07 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

Instrument :

BNA_E

ClientSampleId :

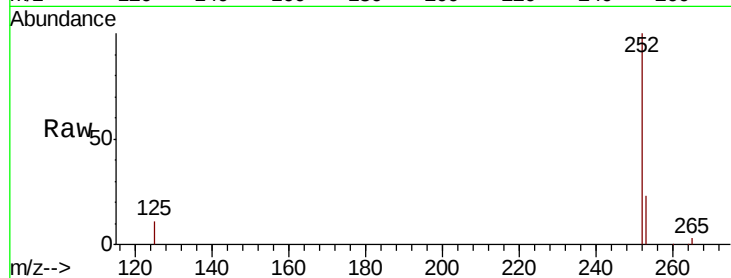
Tot Ion:252 Resp: 72124

Ion Ratio Lower Upper

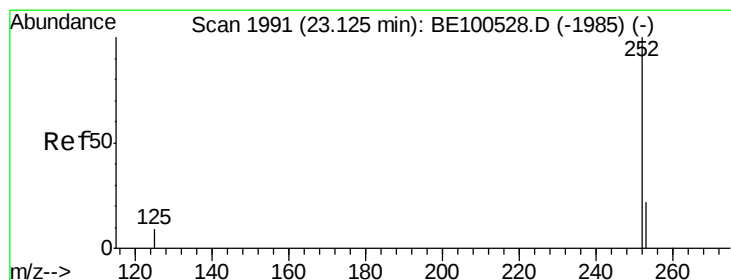
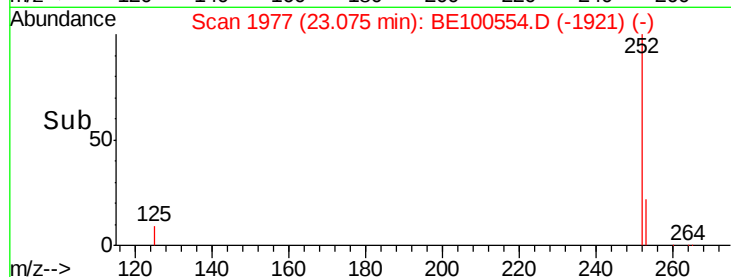
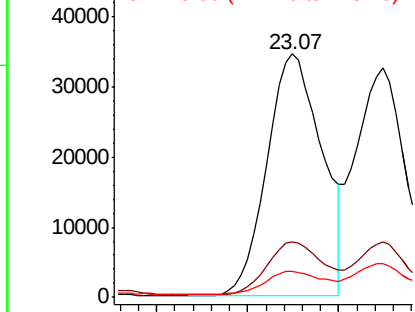
252 100

253 23.0 18.1 27.1

125 10.8 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: 0.427 ng

RT: 23.07 min Scan# 1977

Delta R.T. -0.05 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

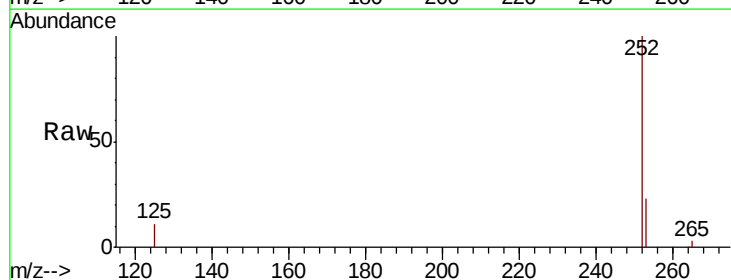
Tgt Ion:252 Resp: 72124

Ion Ratio Lower Upper

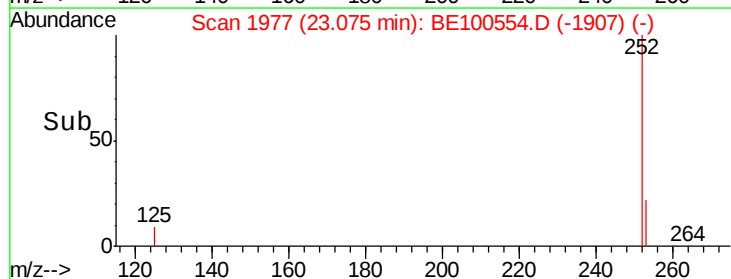
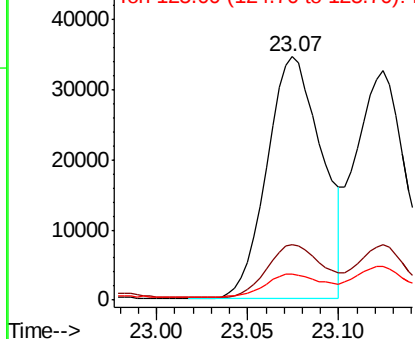
252 100

253 23.0 17.9 26.9

125 10.8 8.5 12.7



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: 0.482 ng

RT: 23.72 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

Instrument :

BNA_E

ClientSampleId :

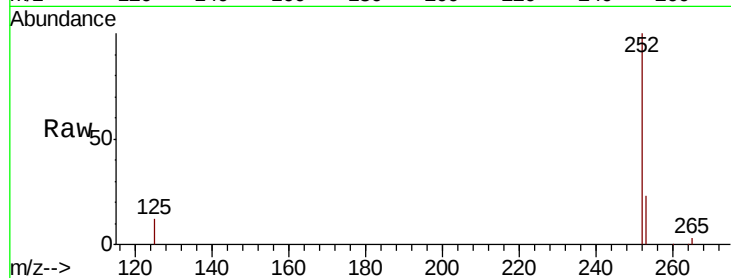
Tot Ion:252 Resp: 65688

Ion Ratio Lower Upper

252 100

253 23.1 18.1 27.1

125 11.6 9.2 13.8

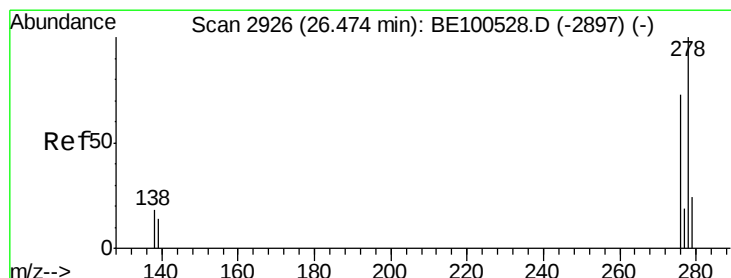
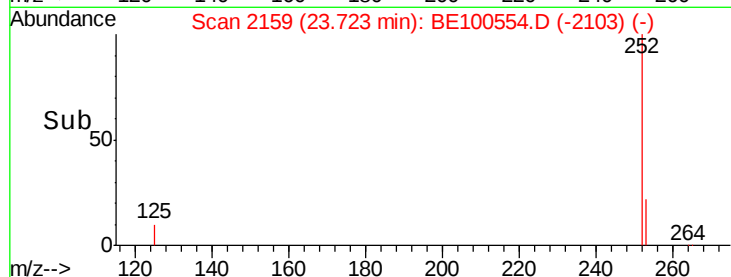
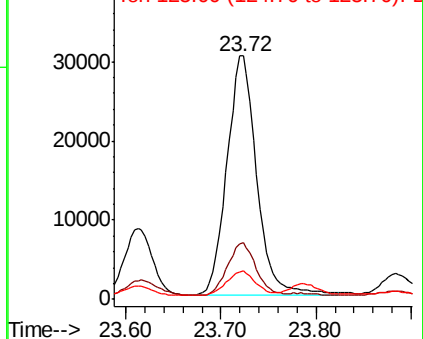


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.312 ng

RT: 26.47 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

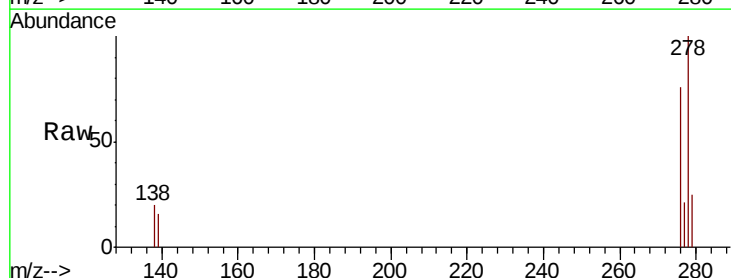
Tgt Ion:278 Resp: 44316

Ion Ratio Lower Upper

278 100

139 15.7 11.6 17.4

279 25.3 19.7 29.5

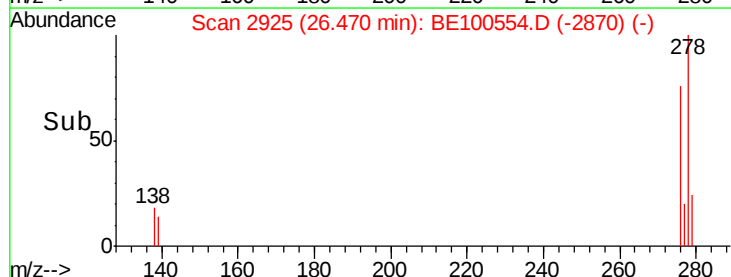
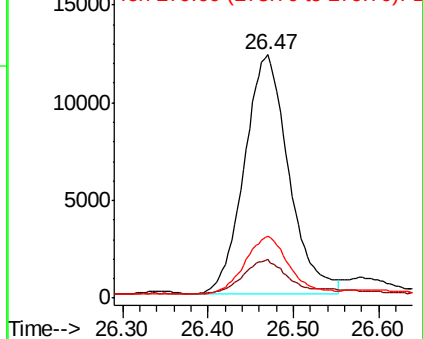


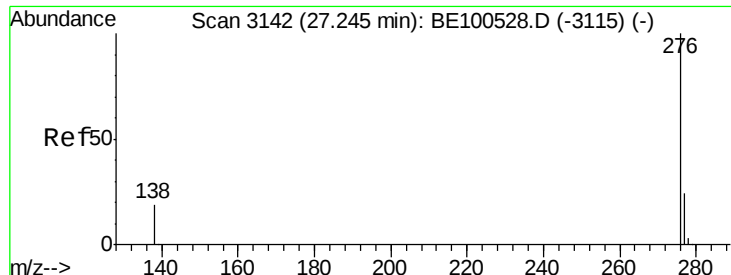
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.403 ng

RT: 27.24 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BE100554.D

Acq: 25 Sep 2019 12:39

Instrument :

BNA_E

ClientSampleId :

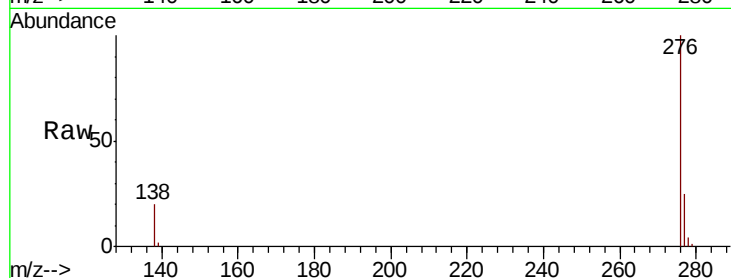
Tot Ion: 276 Resp: 59652

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 20.3 15.7 23.5



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

