

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071619\
 Data File : BE100440.D
 Acq On : 16 Jul 2019 10:58
 Operator : HP/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 16 12:59:09 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 12:52:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	5003	0.40	ng	0.00
7) Naphthalene-d8	10.68	136	20012	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	11127	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	26613	0.40	ng	0.00
27) Chrysene-d12	21.39	240	30787	0.40	ng	0.00
34) Perylene-d12	23.88	264	26125	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	16011	1.58	ng	0.00
5) Phenol-d6	7.04	99	23468	1.60	ng	0.00
8) Nitrobenzene-d5	9.03	82	17756	1.74	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	49987	1.13	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	4486	1.56	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	77057	1.56	ng	0.00
25) Fluoranthene-d10	19.25	212	533245	1.13	ng	0.00
29) Terphenyl-d14	19.85	244	121610	1.63	ng	0.00

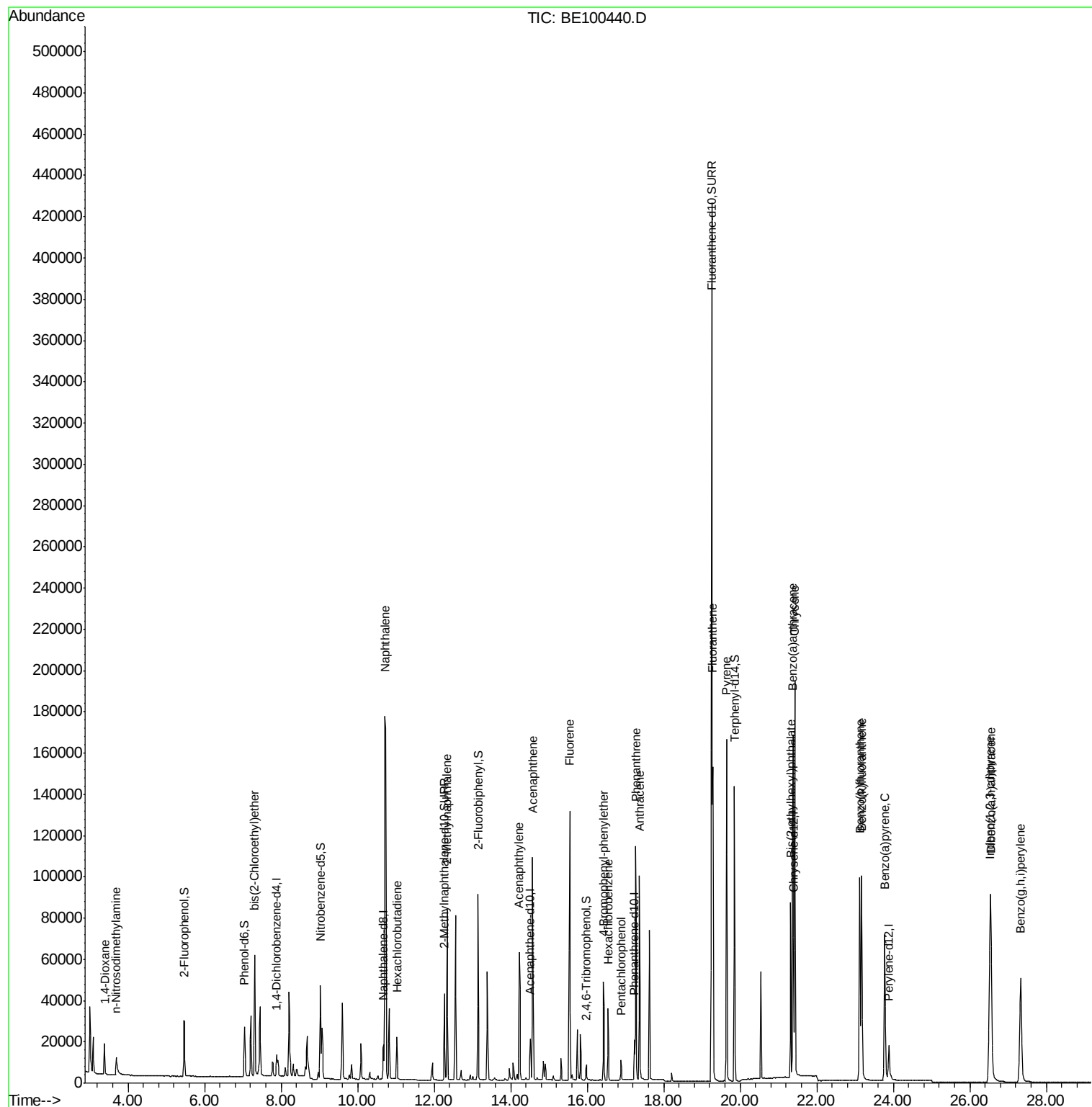
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.38	88	10815	1.502	ng	96
3) n-Nitrosodimethylamine	3.69	42	7924	1.794	ng	# 85
6) bis(2-Chloroethyl)ether	7.31	93	23534	1.654	ng	99
9) Naphthalene	10.72	128	318264	1.633	ng	100
10) Hexachlorobutadiene	11.03	225	15182	1.631	ng	98
12) 2-Methylnaphthalene	12.34	142	54159	1.650	ng	100
16) Acenaphthylene	14.23	152	75735	1.642	ng	99
17) Acenaphthene	14.57	154	51236	1.629	ng	98
18) Fluorene	15.54	166	67000	1.660	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	23581	1.732	ng	97
21) Hexachlorobenzene	16.55	284	27478	1.763	ng	99
22) Pentachlorophenol	16.88	266	4987	1.625	ng	91
23) Phenanthrene	17.27	178	117824	1.704	ng	100
24) Anthracene	17.36	178	100894	1.721	ng	100
26) Fluoranthene	19.28	202	154060	1.722	ng	100
28) Pyrene	19.64	202	148686	1.651	ng	100
30) Benzo(a)anthracene	21.38	228	142168	1.684	ng	99
31) Chrysene	21.43	228	161339	1.627	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	95746	1.484	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.52	276	147889	1.647	ng	100
35) Benzo(b)fluoranthene	23.12	252	138091	1.683	ng	99
36) Benzo(k)fluoranthene	23.17	252	151333	1.763	ng	98
37) Benzo(a)pyrene	23.78	252	118094	1.720	ng	98
38) Dibenzo(a,h)anthracene	26.55	278	126367	1.763	ng	98
39) Benzo(g,h,i)perylene	27.33	276	126362	1.697	ng	99

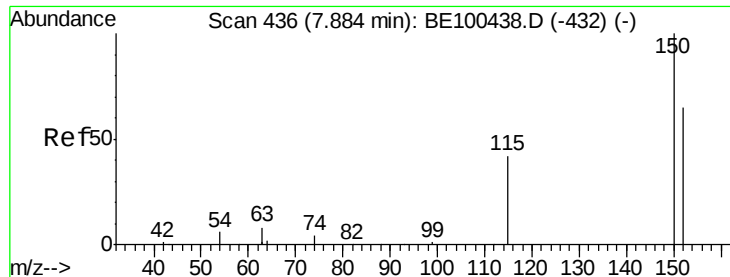
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.89 min Scan# 436

Delta R.T. 0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

Instrument :

BNA_E

ClientSampleId :

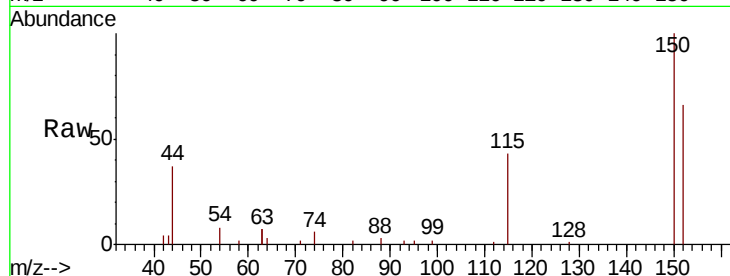
Tot Ion:152 Resp: 5003

Ion Ratio Lower Upper

152 100

150 151.9 121.7 182.5

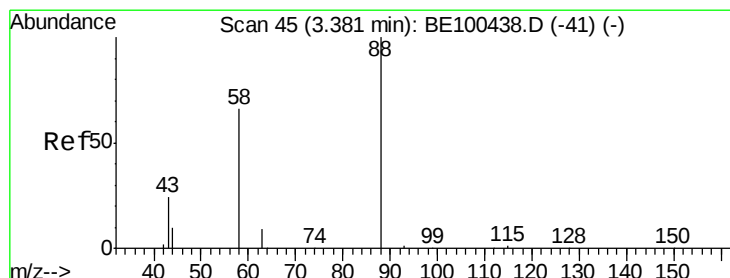
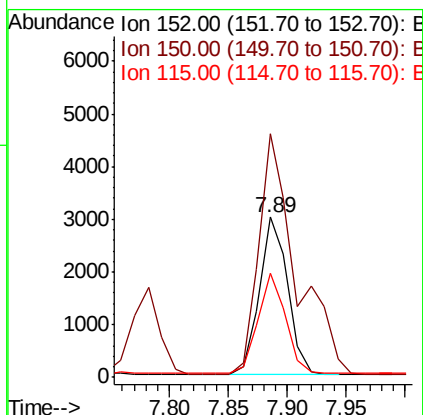
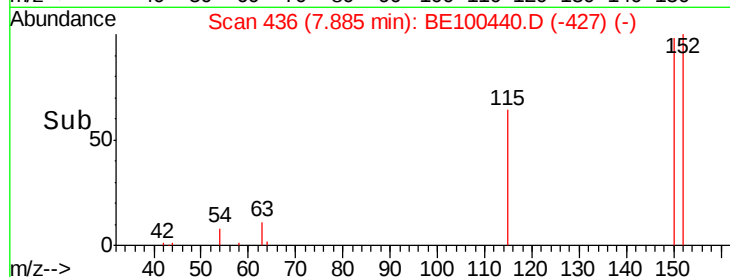
115 65.2 52.4 78.6



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: 1.502 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

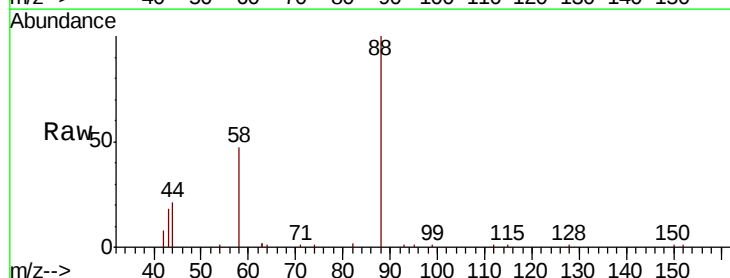
Tgt Ion: 88 Resp: 10815

Ion Ratio Lower Upper

88 100

58 77.0 57.8 86.8

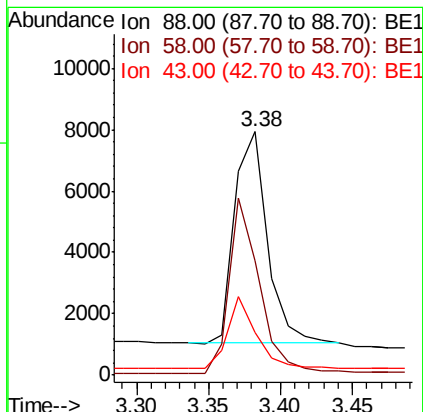
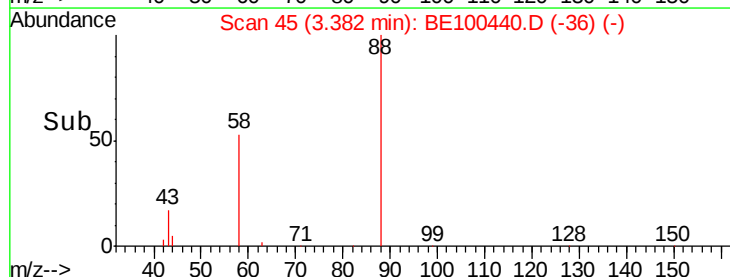
43 30.5 25.0 37.6

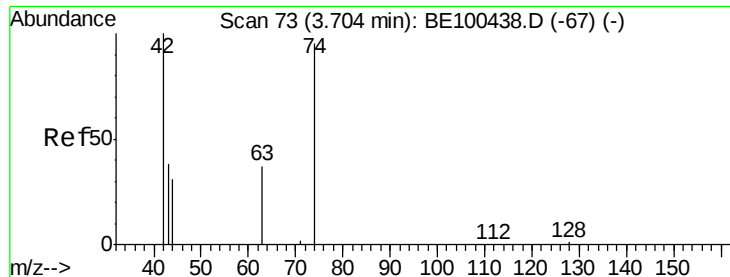


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



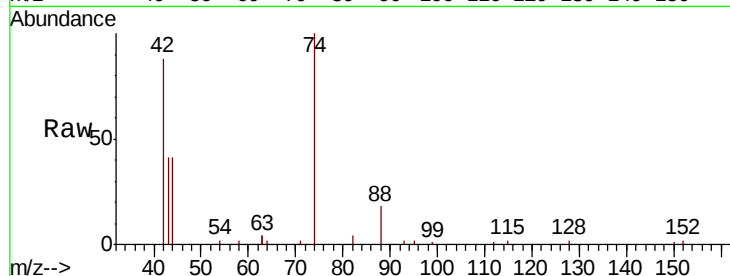


#3

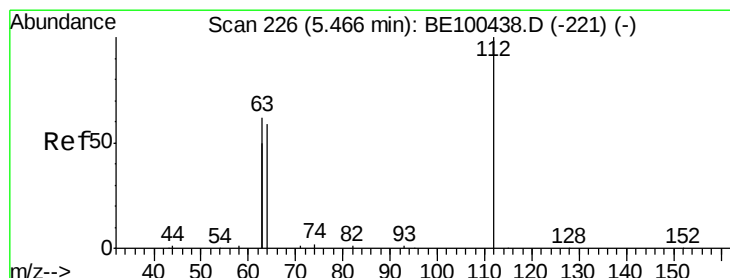
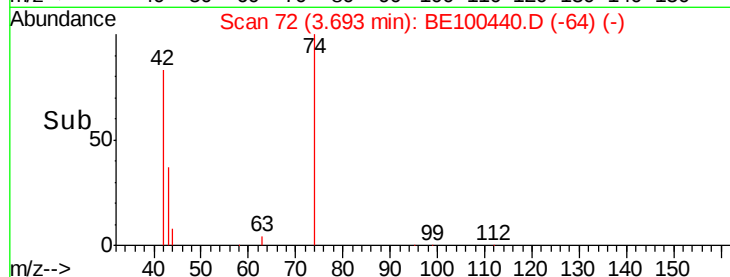
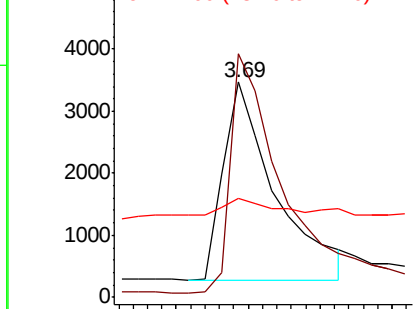
n-Nitrosodimethylamine
 Concen: 1.794 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.01 min
 Lab File: BE100440.D
 Acq: 16 Jul 2019 10:58

Instrument :
 BNA_E
 ClientSampled :

Tot Ion: 42 Resp: 7924
 Ion Ratio Lower Upper
 42 100
 74 117.2 85.3 127.9
 44 11.0 21.8 32.8#



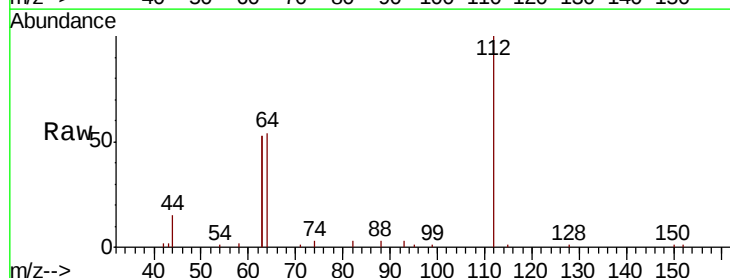
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



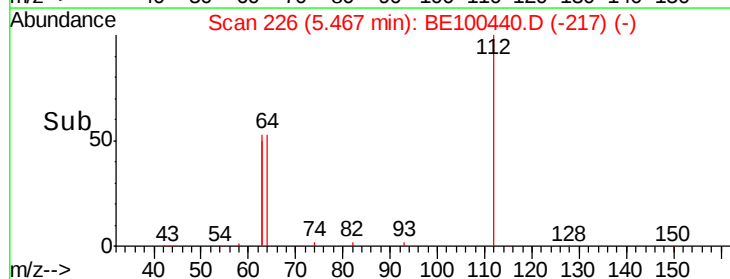
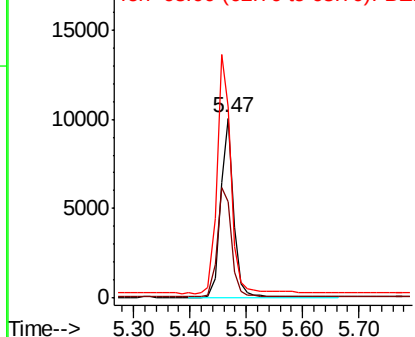
#4

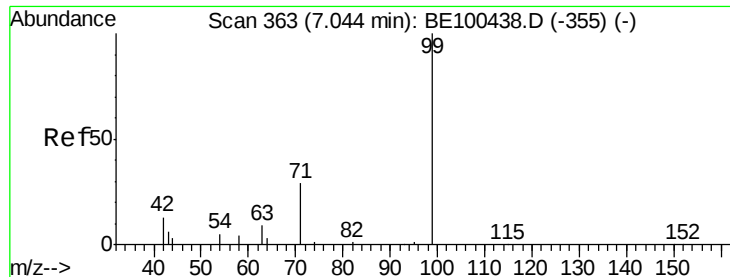
2-Fluorophenol
 Concen: 1.576 ng
 RT: 5.47 min Scan# 226
 Delta R.T. 0.00 min
 Lab File: BE100440.D
 Acq: 16 Jul 2019 10:58

Tgt Ion: 112 Resp: 16011
 Ion Ratio Lower Upper
 112 100
 64 67.2 55.0 82.4
 63 143.1 114.8 172.2



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: 1.599 ng

RT: 7.04 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

Instrument :

BNA_E

ClientSampleId :

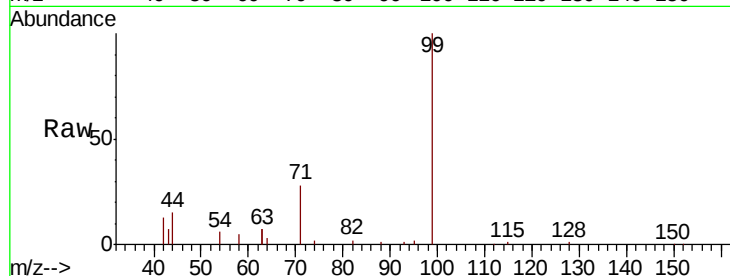
Tot Ion: 99 Resp: 23468

Ion Ratio Lower Upper

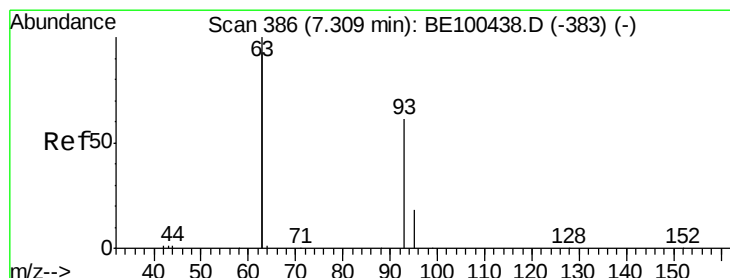
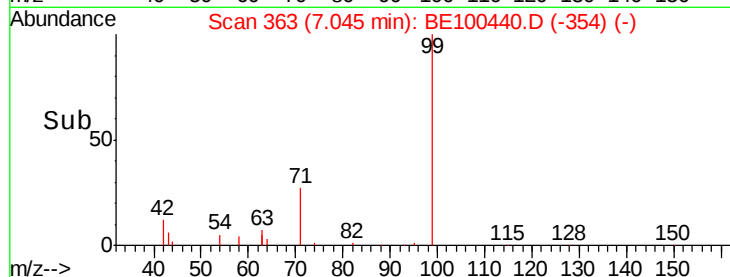
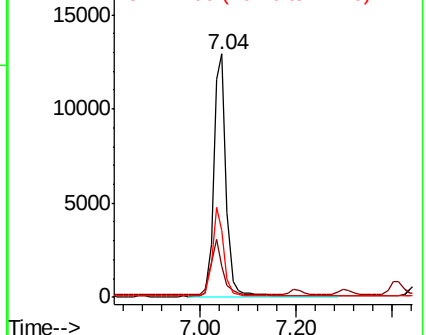
99 100

42 21.7 17.4 26.2

71 34.3 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: 1.654 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

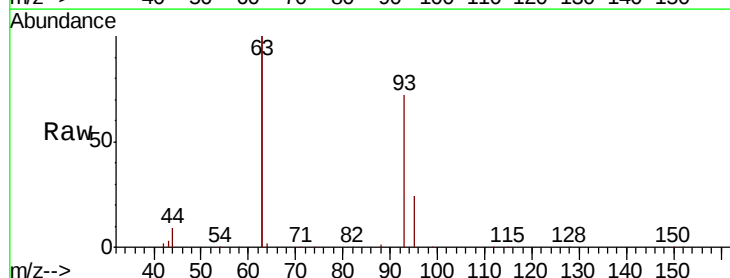
Tgt Ion: 93 Resp: 23534

Ion Ratio Lower Upper

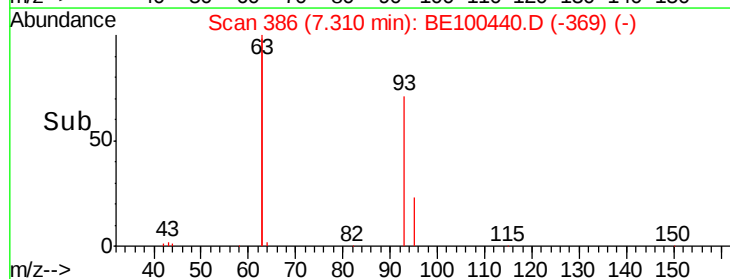
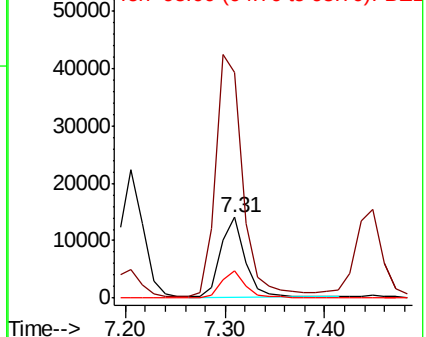
93 100

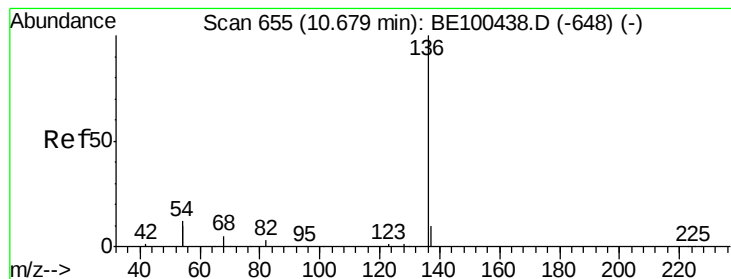
63 335.6 266.9 400.3

95 33.8 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# 655

Delta R.T. -0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 20012

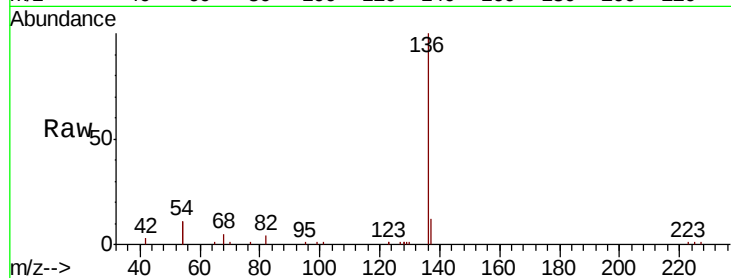
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 22.9 19.6 29.4

68 5.5 4.4 6.6

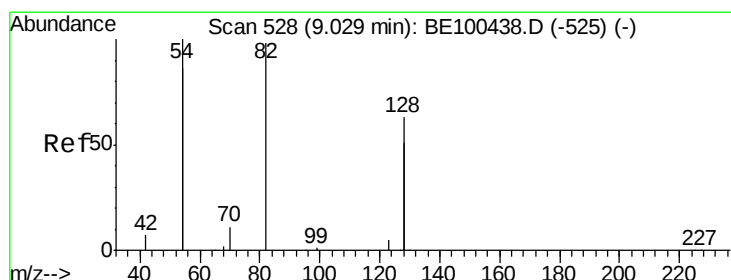
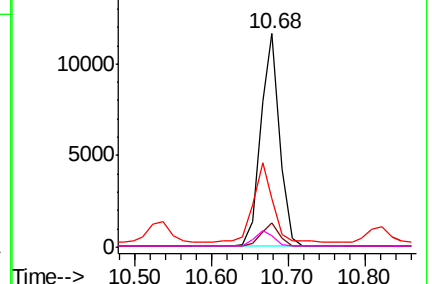
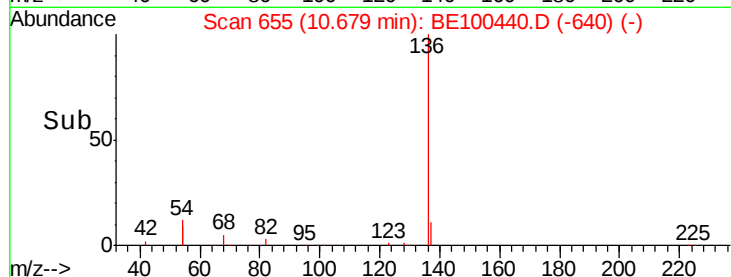


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.735 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

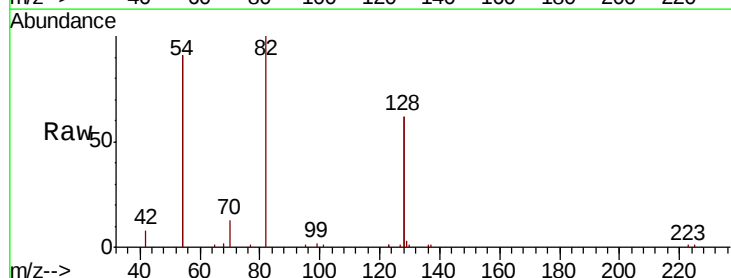
Tgt Ion: 82 Resp: 17756

Ion Ratio Lower Upper

82 100

128 124.1 97.9 146.9

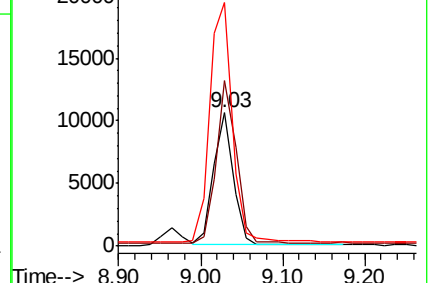
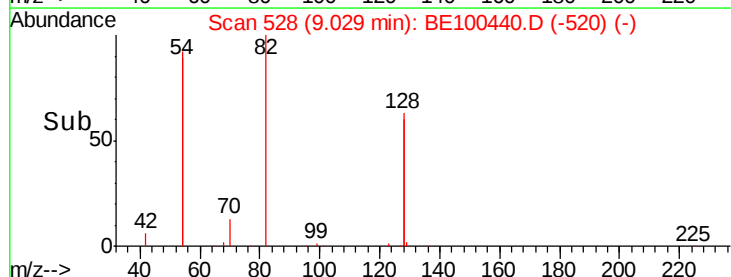
54 182.7 155.0 232.6

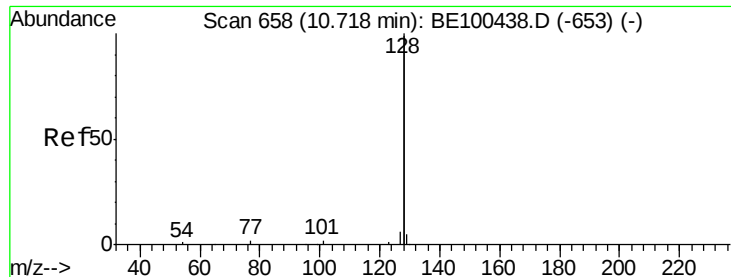


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1.633 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

Instrument :

BNA_E

ClientSampleId :

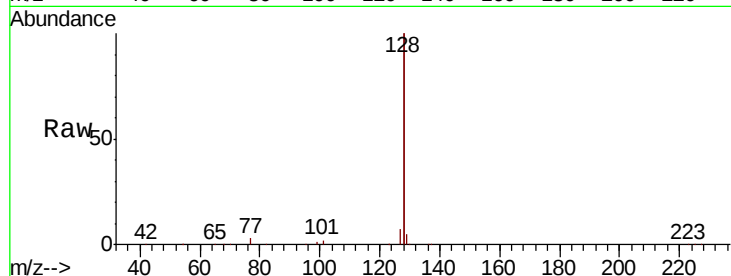
Tot Ion:128 Resp: 318264

Ion Ratio Lower Upper

128 100

129 2.6 2.2 3.4

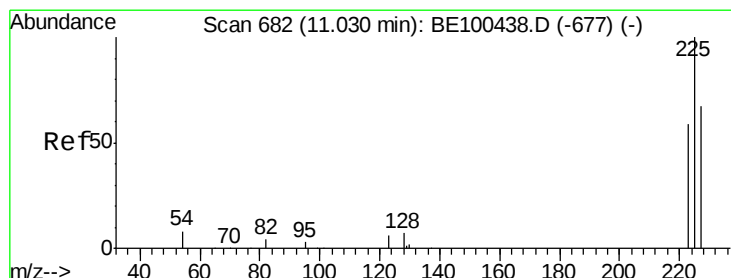
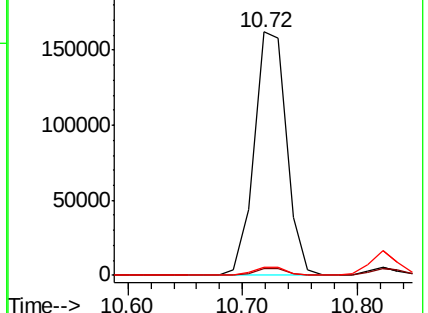
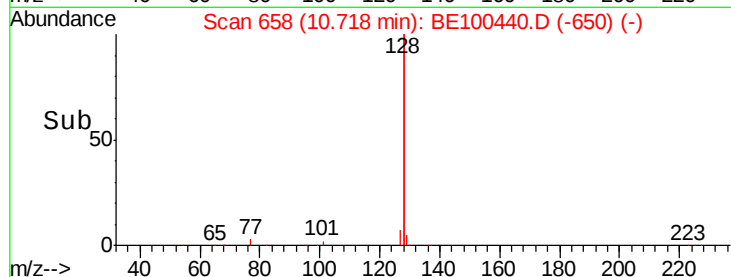
127 3.4 2.7 4.1



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: 1.631 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

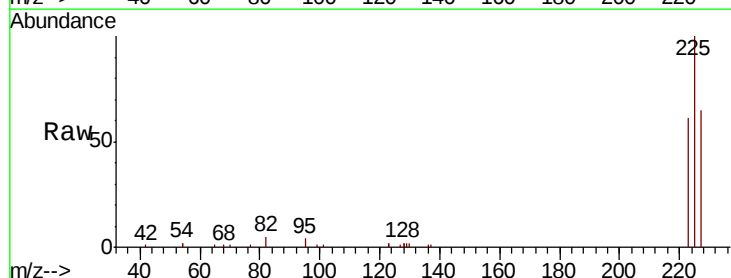
Tgt Ion:225 Resp: 15182

Ion Ratio Lower Upper

225 100

223 62.1 49.8 74.8

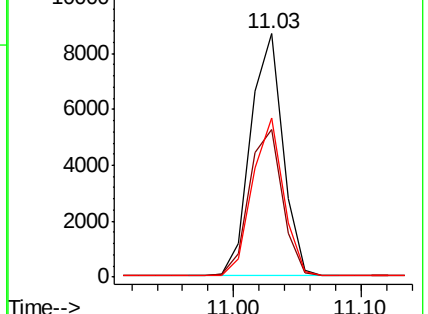
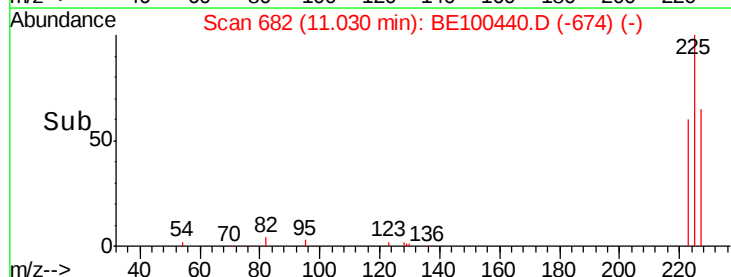
227 62.8 52.3 78.5

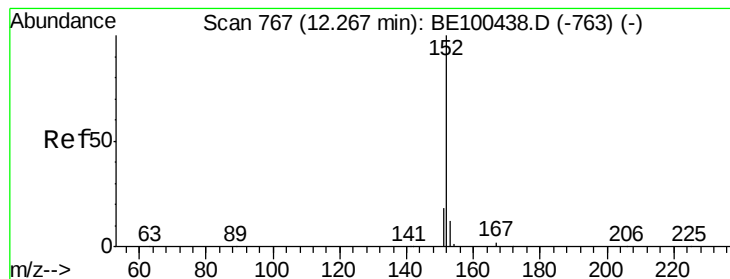


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.132 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

Instrument :

BNA_E

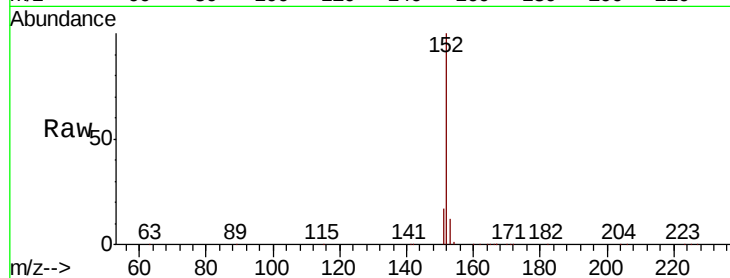
ClientSampleId :

Tot Ion:152 Resp: 49987

Ion Ratio Lower Upper

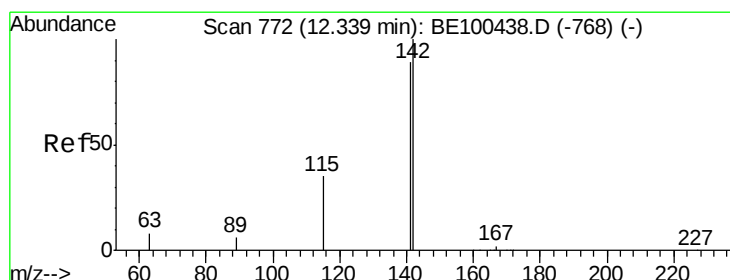
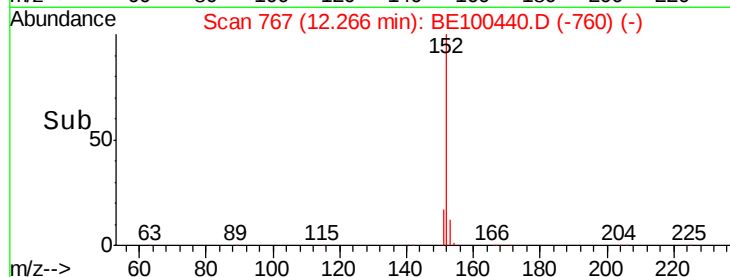
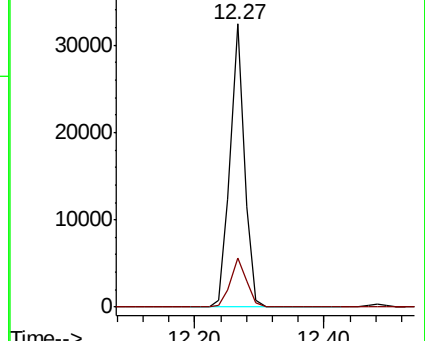
152 100

151 18.9 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: 1.650 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

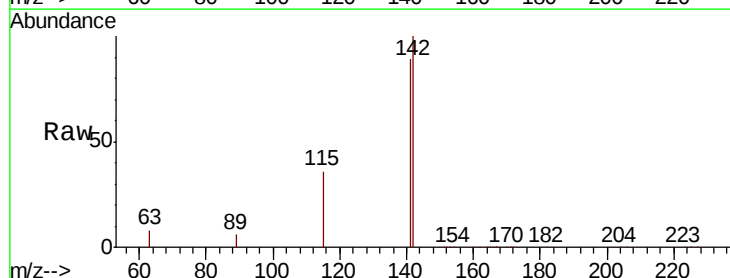
Tgt Ion:142 Resp: 54159

Ion Ratio Lower Upper

142 100

141 88.9 70.9 106.3

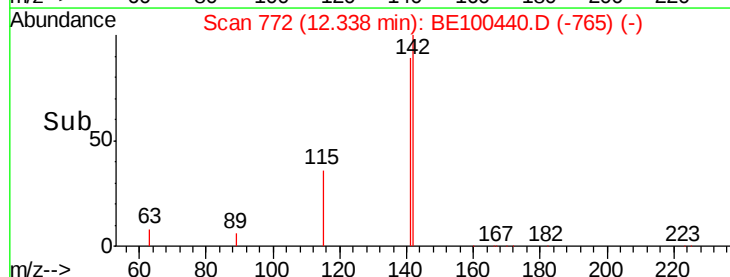
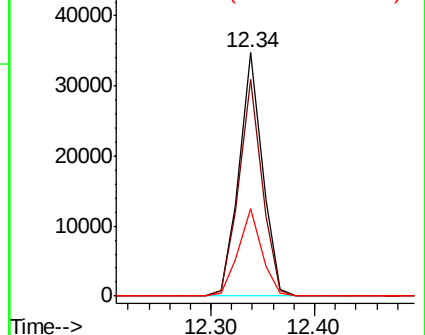
115 35.8 29.0 43.4

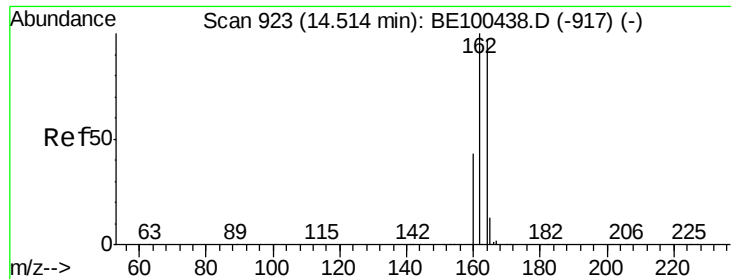


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

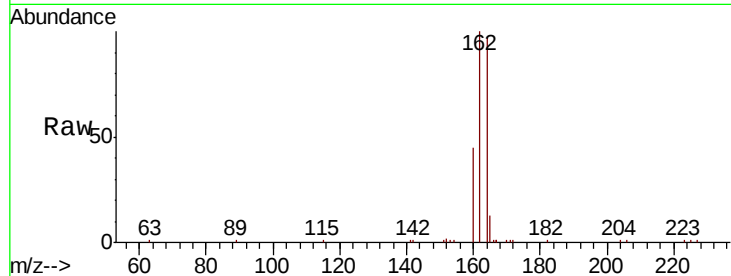




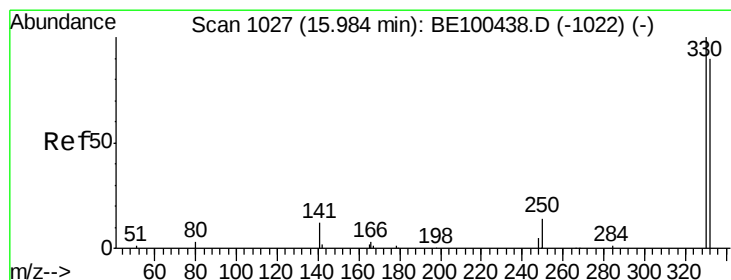
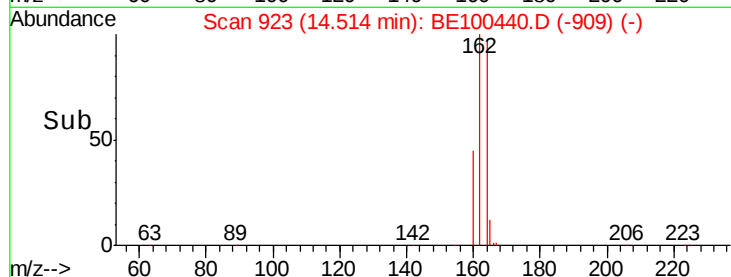
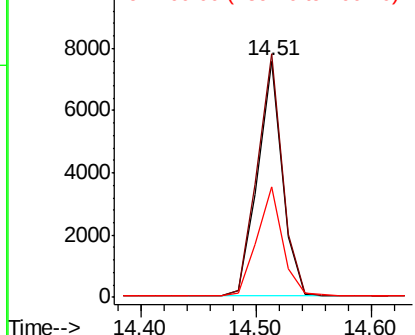
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Instrument :
BNA_E
ClientSampled :

Tot Ion:164 Resp: 11127
Ion Ratio Lower Upper
164 100
162 103.2 82.6 124.0
160 46.6 35.6 53.4

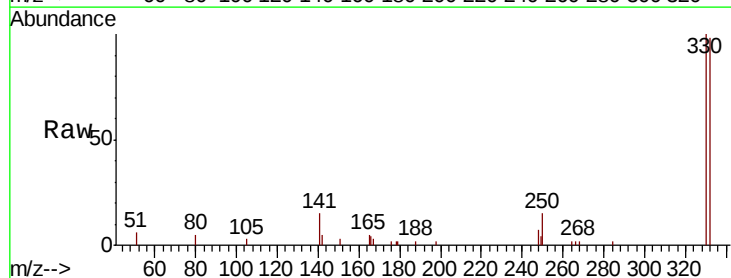


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

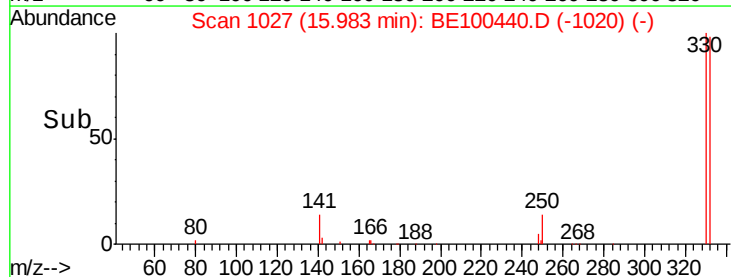
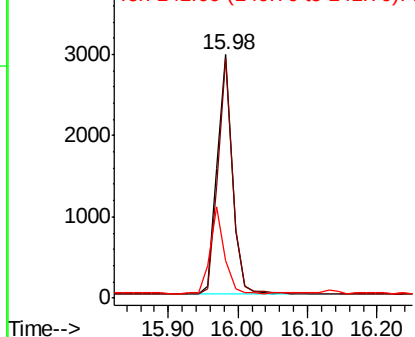


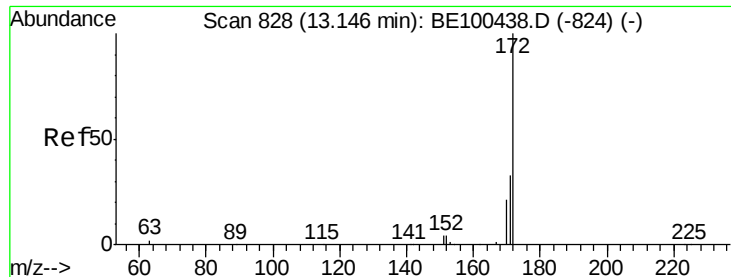
#14
2,4,6-Tribromophenol
Concen: 1.559 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:330 Resp: 4486
Ion Ratio Lower Upper
330 100
332 95.6 76.3 114.5
141 34.4 28.1 42.1



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

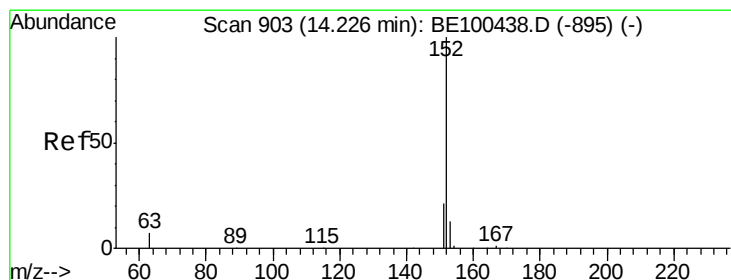
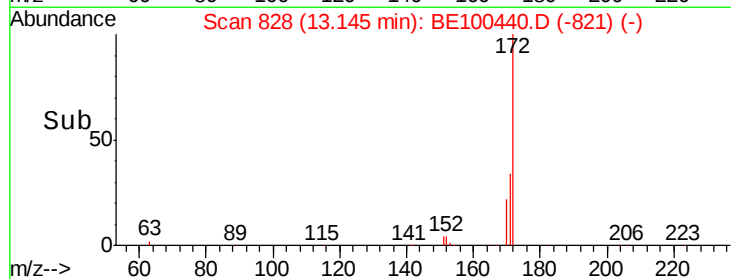
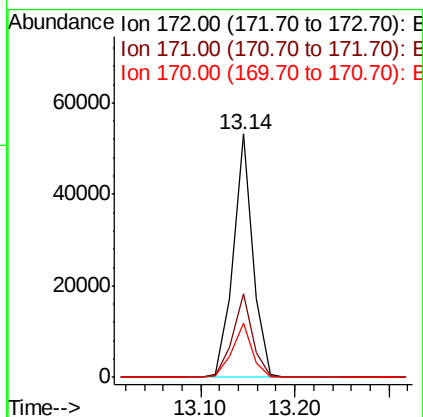
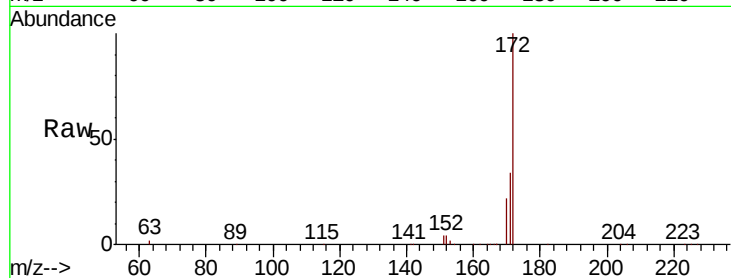




#15
2-Fluorobiphenyl
Concen: 1.562 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

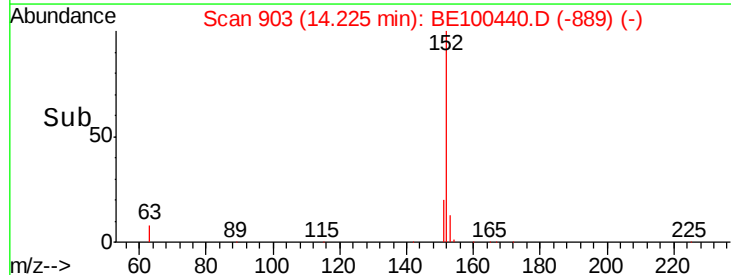
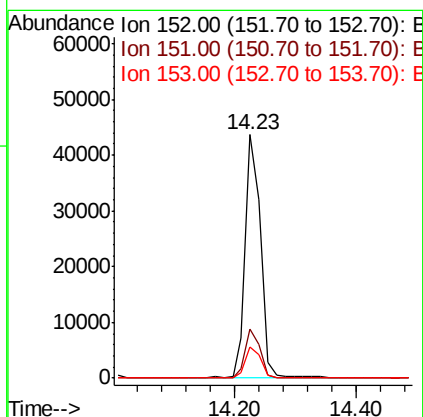
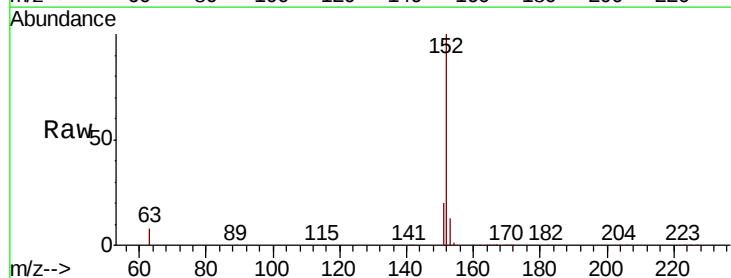
Instrument :
BNA_E
ClientSampleId :

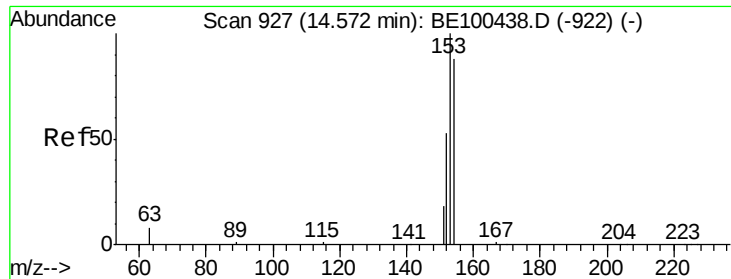
Tot Ion:172 Resp: 77057
Ion Ratio Lower Upper
172 100
171 34.4 27.0 40.4
170 22.2 17.4 26.0



#16
Acenaphthylene
Concen: 1.642 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:152 Resp: 75735
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.8
153 12.9 10.4 15.6





#17

Acenaphthene

Concen: 1.629 ng

RT: 14.57 min Scan# 927

Delta R.T. -0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

Instrument :

BNA_E

ClientSampleId :

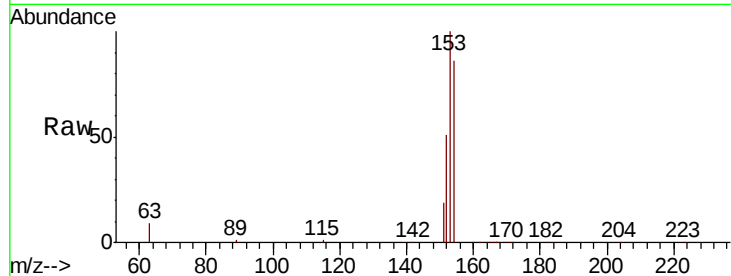
Tot Ion:154 Resp: 51236

Ion Ratio Lower Upper

154 100

153 113.5 91.0 136.4

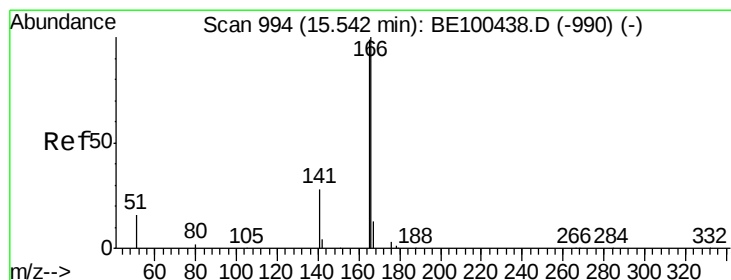
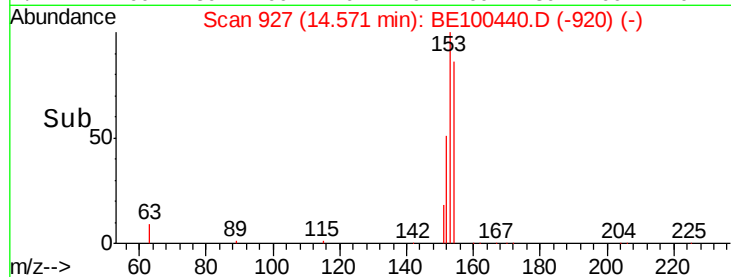
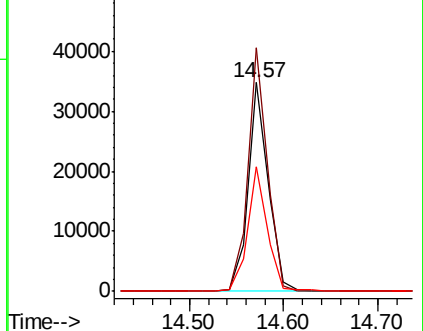
152 58.2 49.4 74.2



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: 1.660 ng

RT: 15.54 min Scan# 994

Delta R.T. -0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

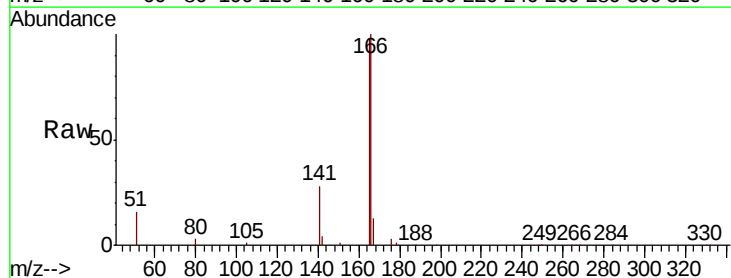
Tgt Ion:166 Resp: 67000

Ion Ratio Lower Upper

166 100

165 99.0 79.6 119.4

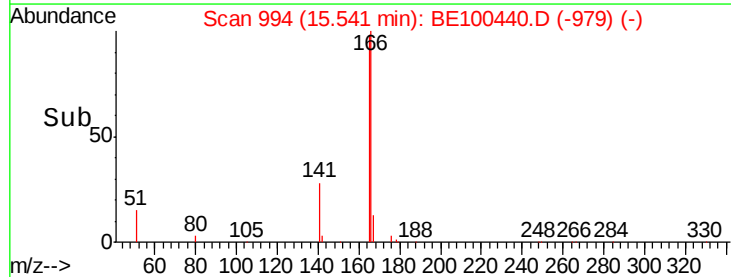
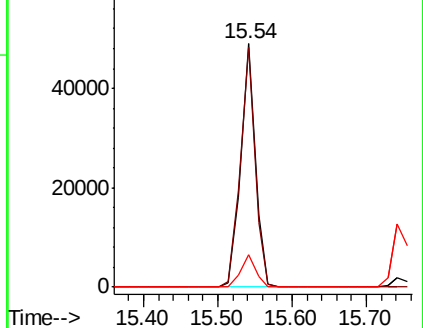
167 13.4 10.6 15.8

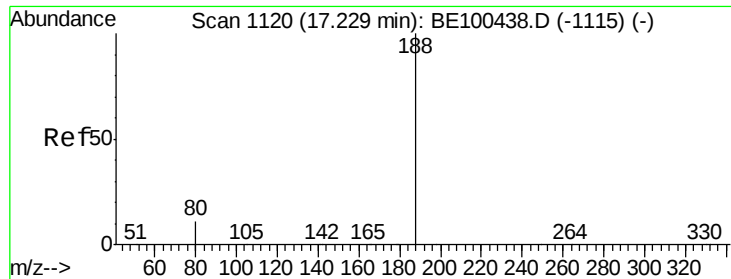


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

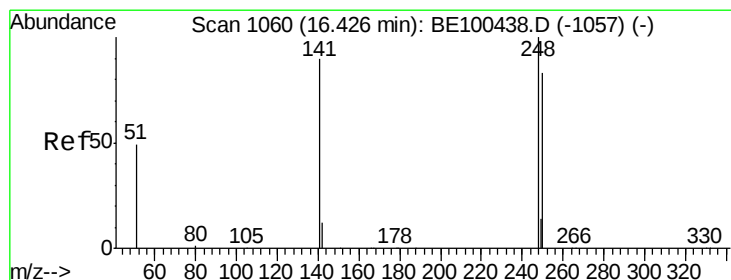
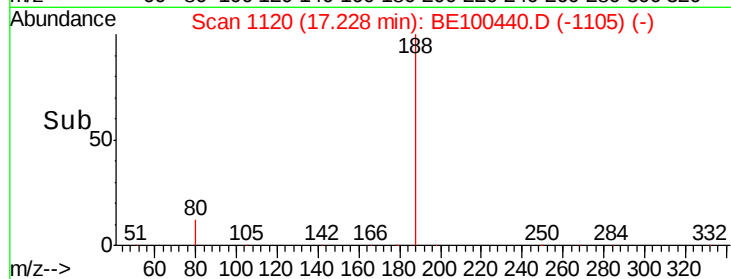
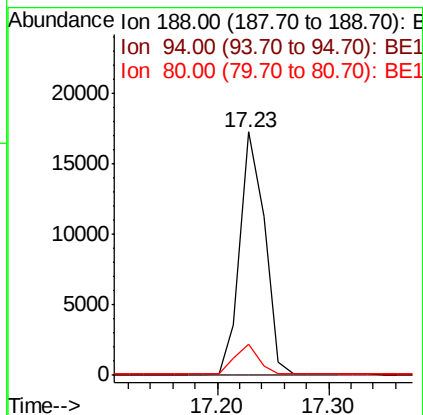
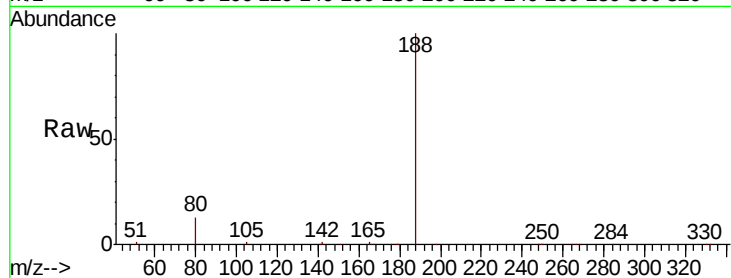




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

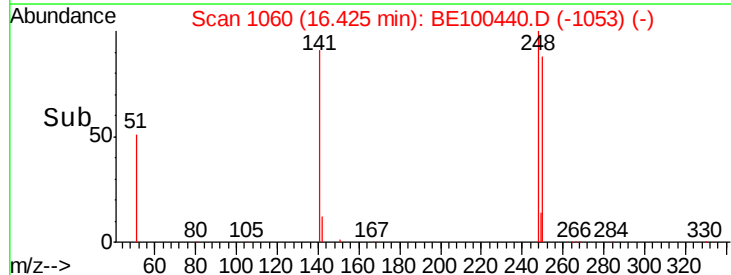
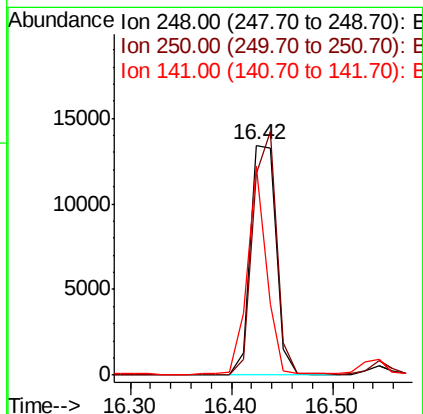
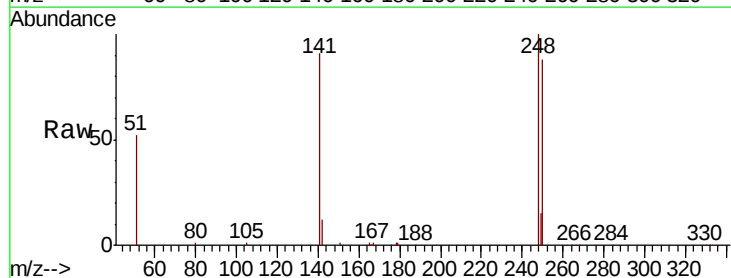
Instrument :
BNA_E
ClientSampleId :

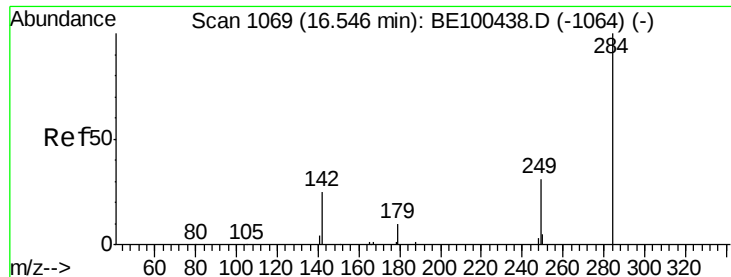
Tot Ion:188 Resp: 26613
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 9.2 13.8



#20
4-Bromophenyl-phenylether
Concen: 1.732 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:248 Resp: 23581
Ion Ratio Lower Upper
248 100
250 87.7 67.1 100.7
141 91.1 72.2 108.2





#21

Hexachlorobenzene

Concen: 1.763 ng

RT: 16.55 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

Instrument :

BNA_E

ClientSampleId :

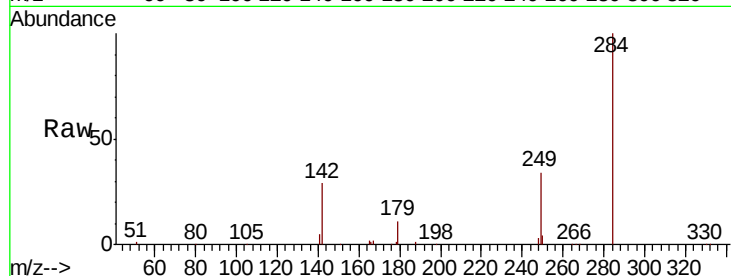
Tot Ion:284 Resp: 27478

Ion Ratio Lower Upper

284 100

142 31.5 25.6 38.4

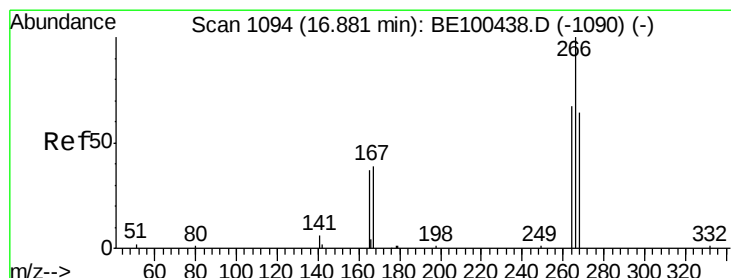
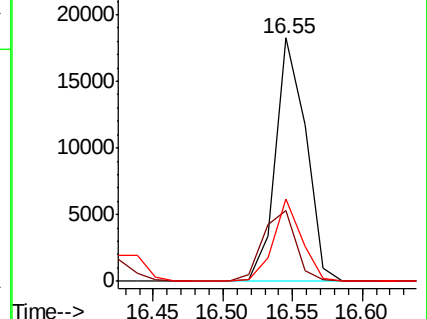
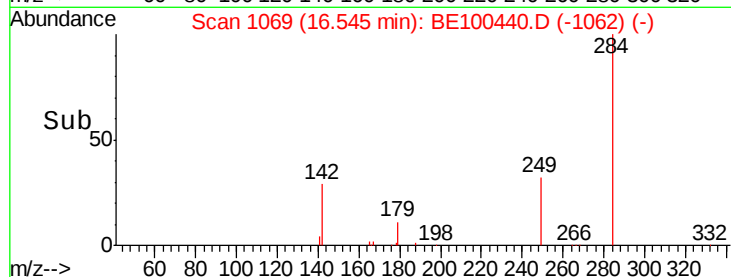
249 30.8 25.1 37.7



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: 1.625 ng

RT: 16.88 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

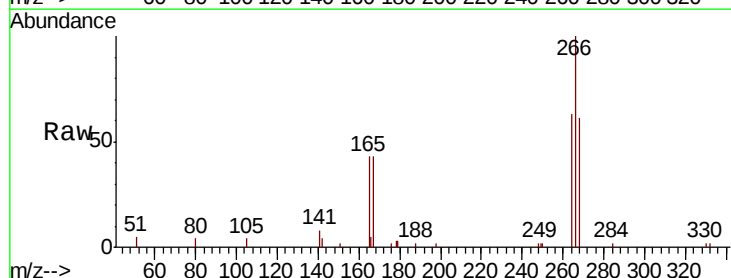
Tgt Ion:266 Resp: 4987

Ion Ratio Lower Upper

266 100

264 63.2 56.2 84.2

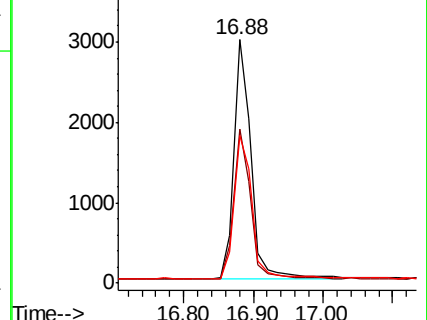
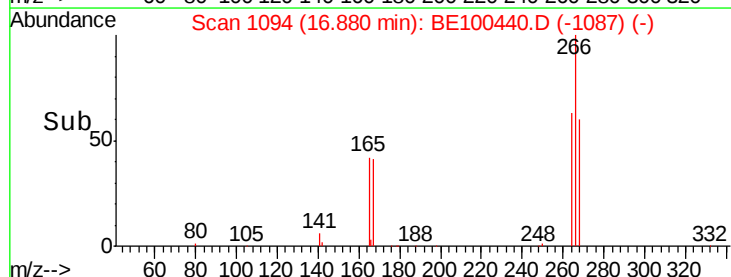
268 60.7 54.9 82.3

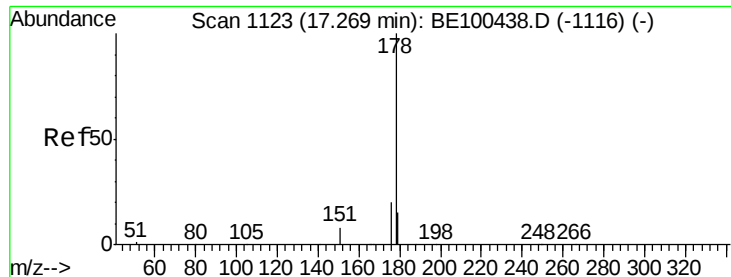


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

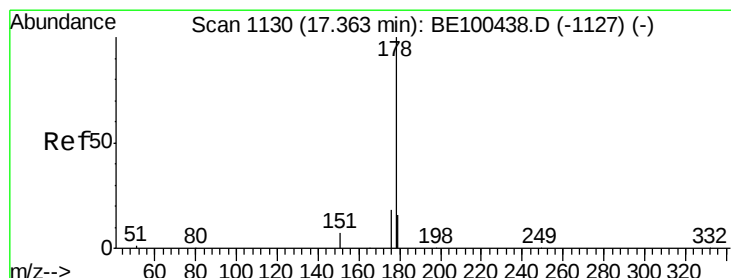
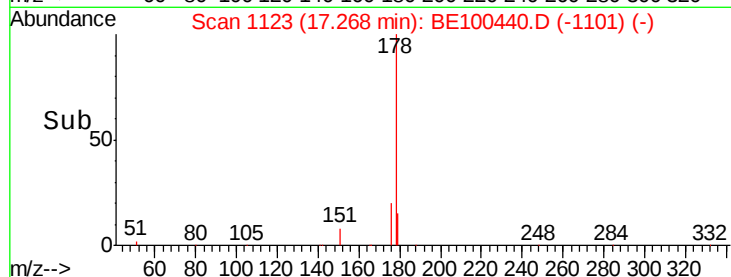
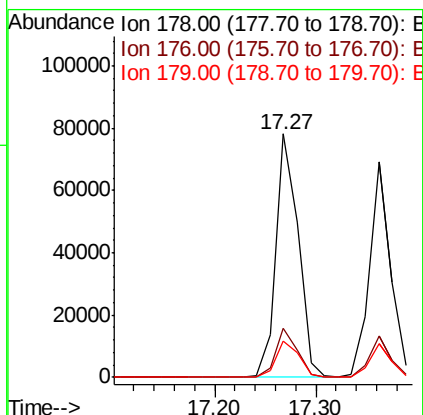
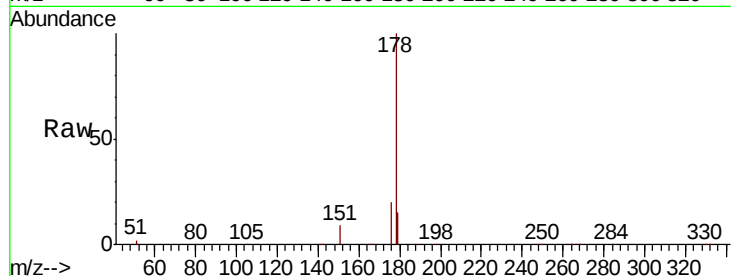




#23
Phenanthrene
Concen: 1.704 ng
RT: 17.27 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

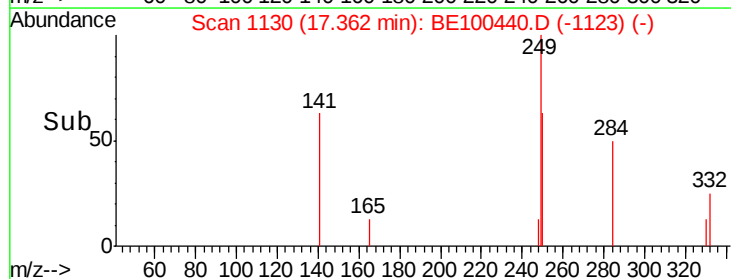
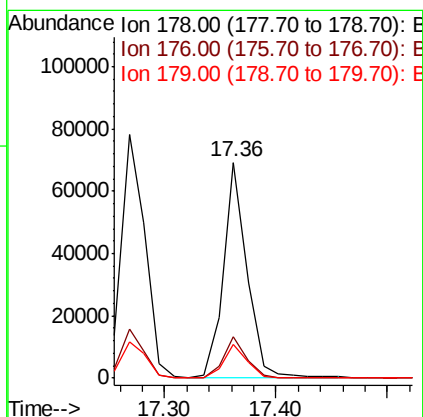
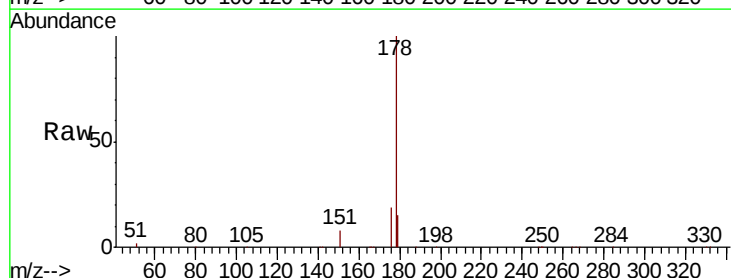
Instrument :
BNA_E
ClientSampleId :

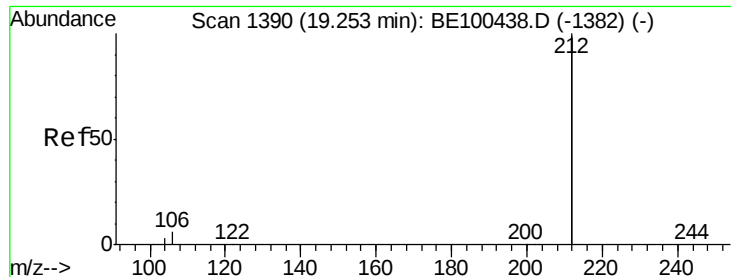
Tot Ion:178 Resp: 117824
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.2 12.4 18.6



#24
Anthracene
Concen: 1.721 ng
RT: 17.36 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BE100440.D
Acq: 16 Jul 2019 10:58

Tgt Ion:178 Resp: 100894
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 12.3 18.5





#25

Fluoranthene-d10

Concen: 1.133 ng

RT: 19.25 min Scan# 1390

Delta R.T. 0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

Instrument :

BNA_E

ClientSampleId :

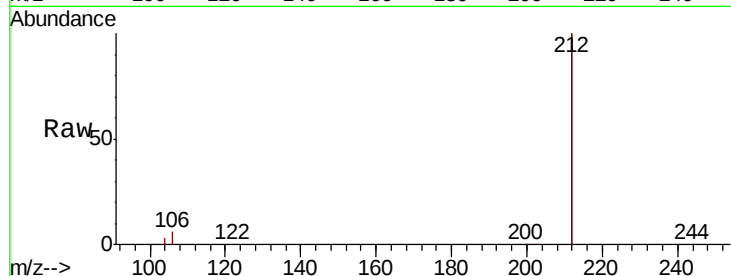
Tot Ion:212 Resp: 533245

Ion Ratio Lower Upper

212 100

106 3.1 2.6 3.8

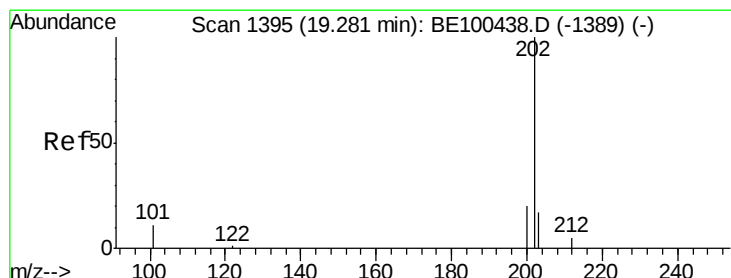
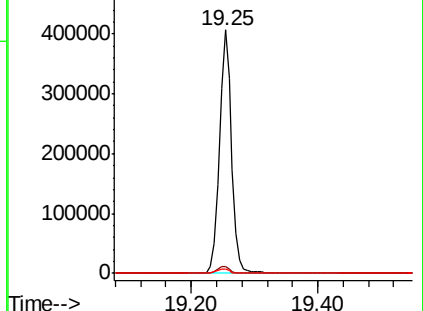
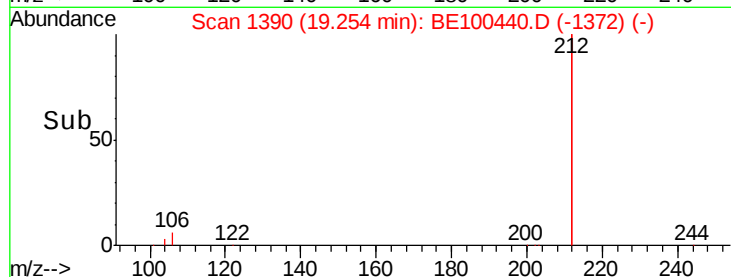
104 1.7 1.4 2.2



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: 1.722 ng

RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

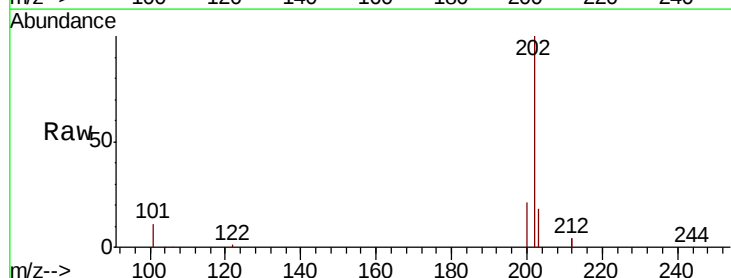
Tgt Ion:202 Resp: 154060

Ion Ratio Lower Upper

202 100

101 11.0 8.9 13.3

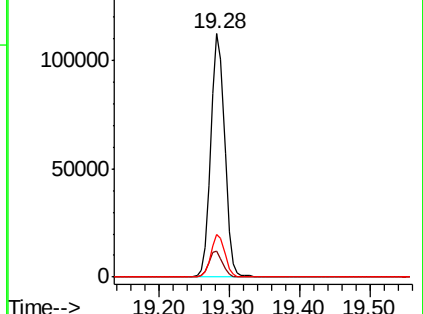
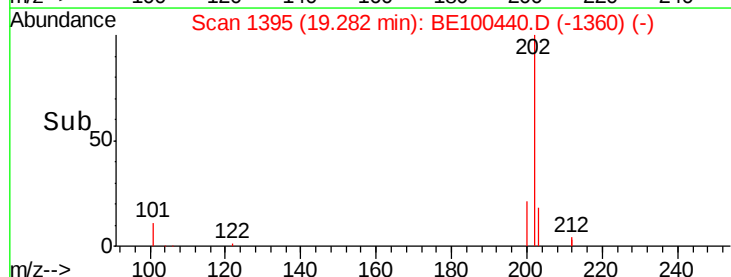
203 17.4 13.8 20.6

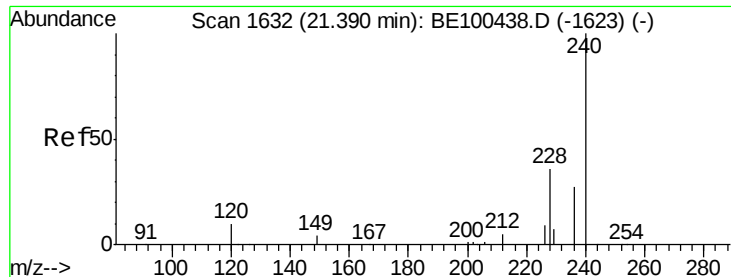


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

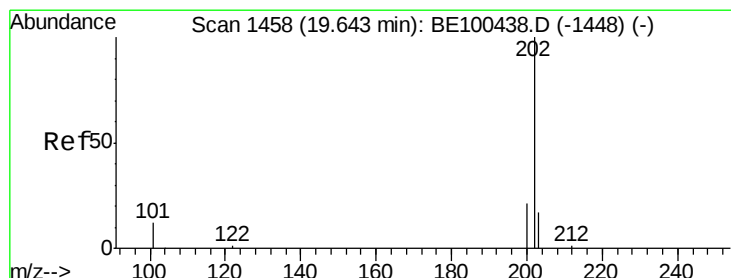
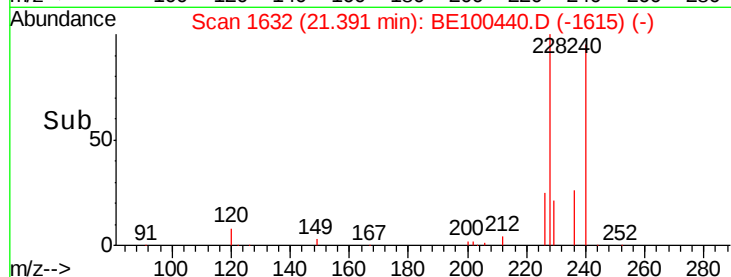
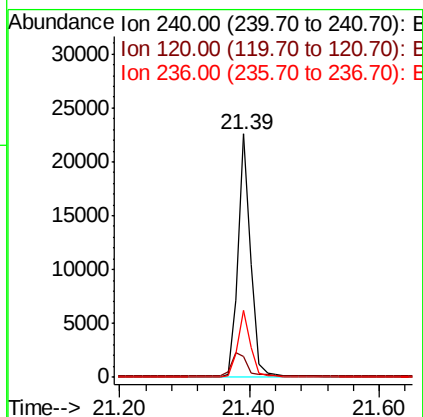
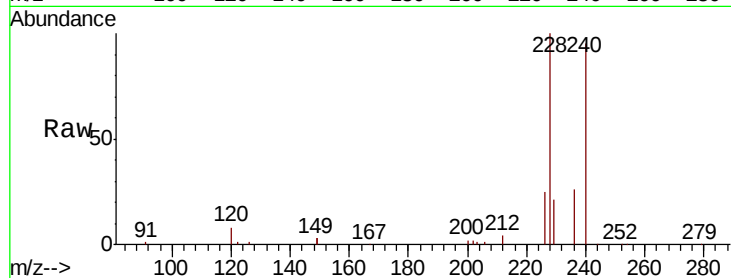




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.39 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BE100440.D
 Acq: 16 Jul 2019 10:58

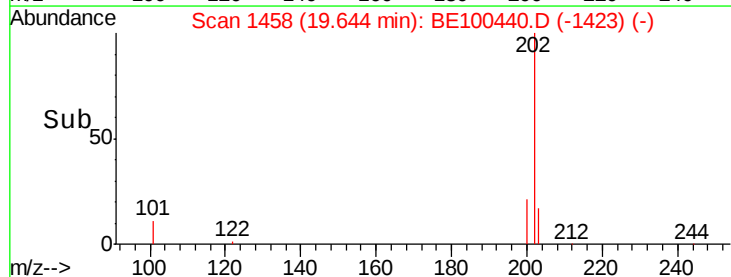
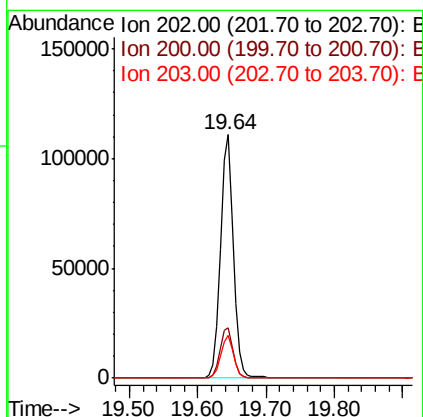
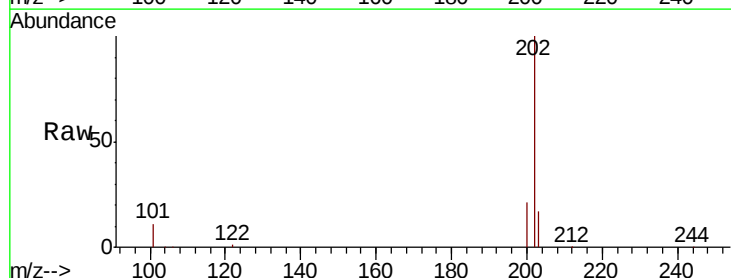
Instrument :
 BNA_E
 ClientSampleId :

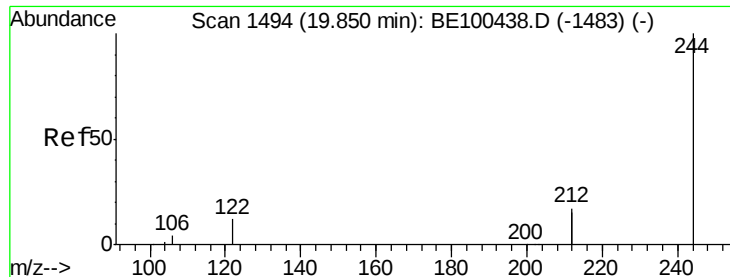
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.8	13.2#
236	27.5	22.0	33.0



#28
 Pyrene
 Concen: 1.651 ng
 RT: 19.64 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BE100440.D
 Acq: 16 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	17.4	13.8	20.8





#29

Terphenyl-d14

Concen: 1.626 ng

RT: 19.85 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

Instrument :

BNA_E

ClientSampleId :

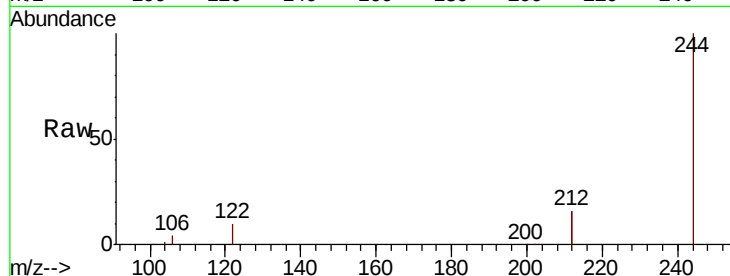
Tot Ion:244 Resp: 121610

Ion Ratio Lower Upper

244 100

212 31.7 26.3 39.5

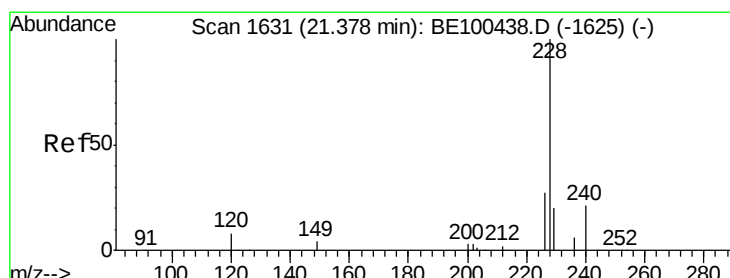
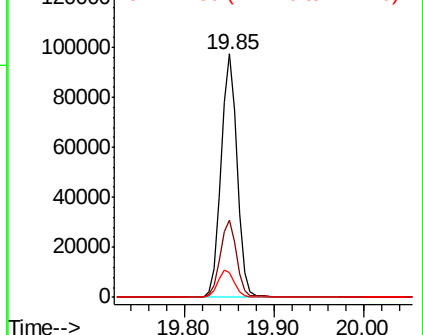
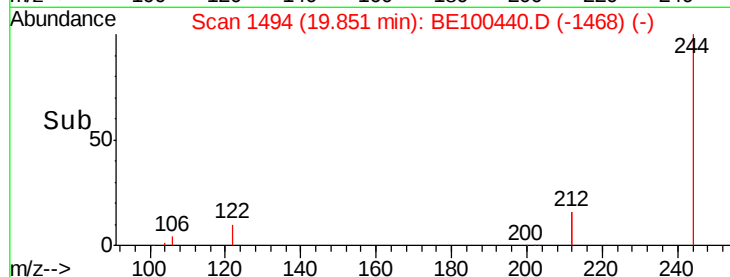
122 10.4 9.4 14.2



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: 1.684 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

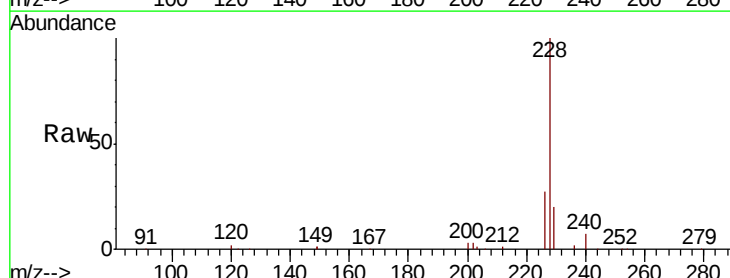
Tgt Ion:228 Resp: 142168

Ion Ratio Lower Upper

228 100

226 26.6 21.6 32.4

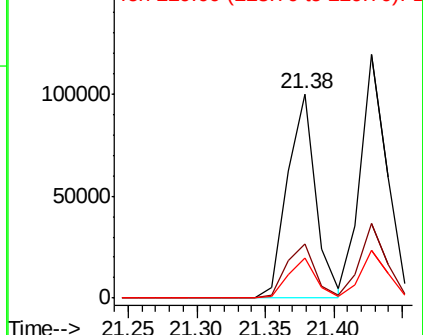
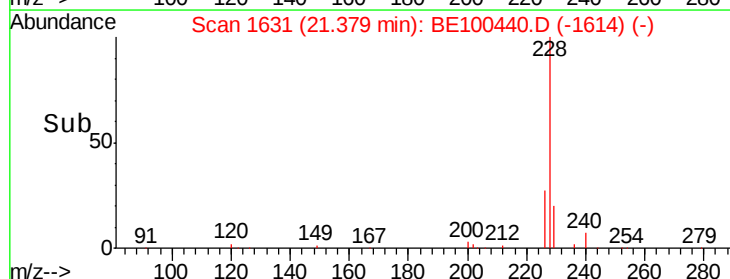
229 20.0 15.8 23.8

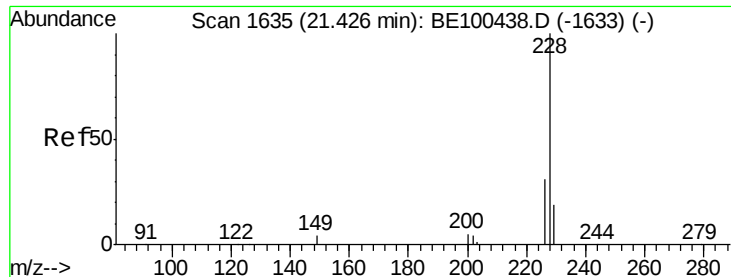


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.627 ng

RT: 21.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

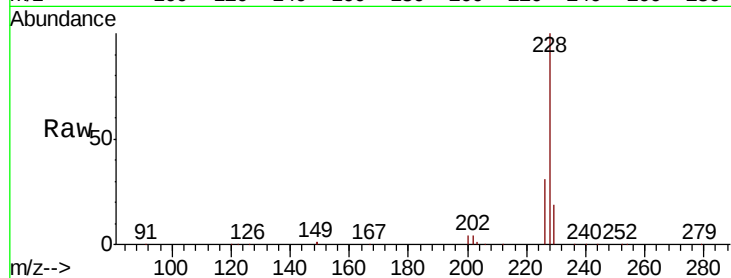
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 161339

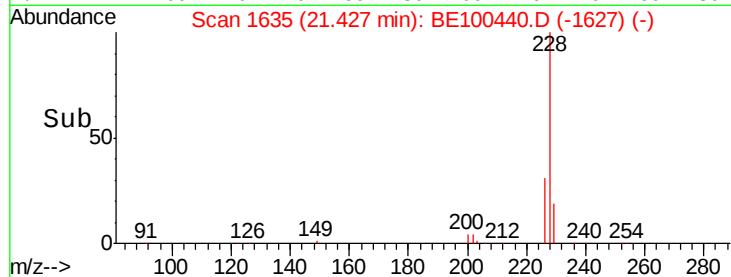
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.8	37.2
229	19.4	15.8	23.6



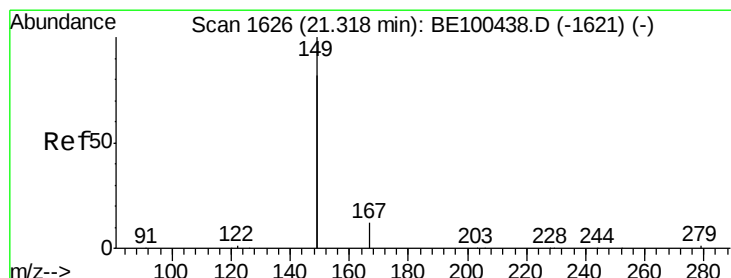
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.484 ng

RT: 21.32 min Scan# 1626

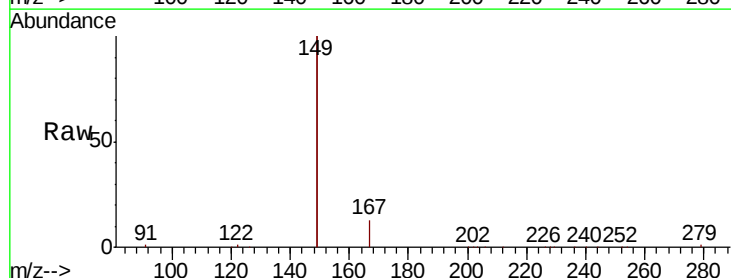
Delta R.T. 0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

Tgt Ion:149 Resp: 95746

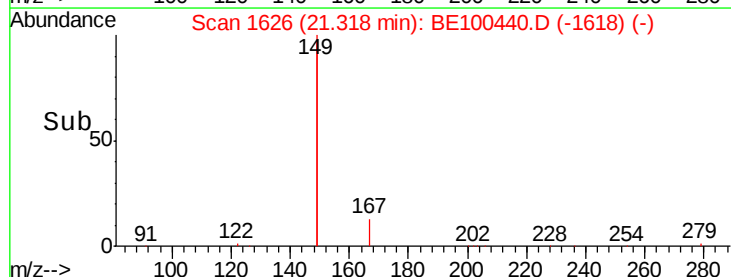
Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.0	7.6
279	0.9	1.2	1.8#



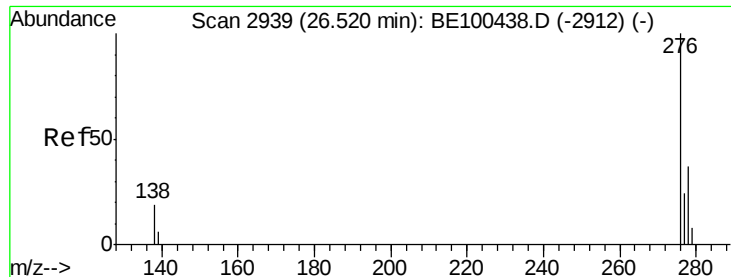
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



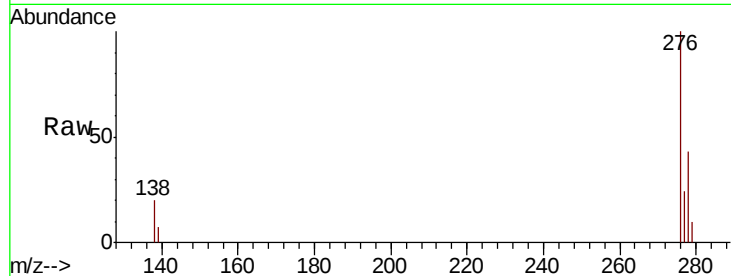
Time-->



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.647 ng
 RT: 26.52 min Scan# 2940
 Delta R.T. 0.00 min
 Lab File: BE100440.D
 Acq: 16 Jul 2019 10:58

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.3	17.0	25.6
277	24.4	19.8	29.6

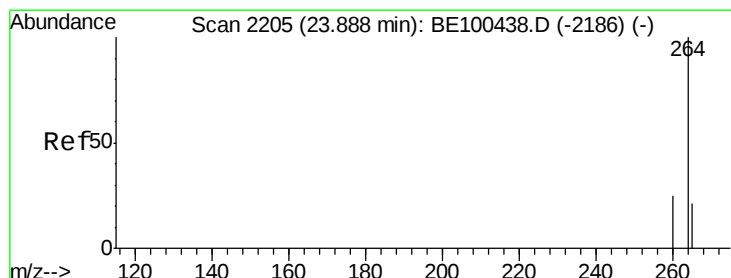
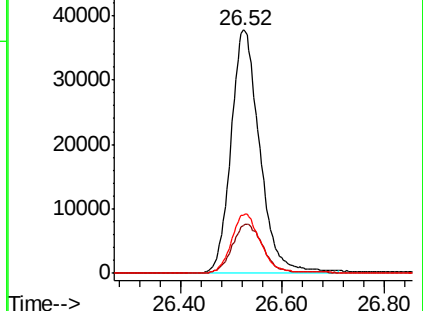
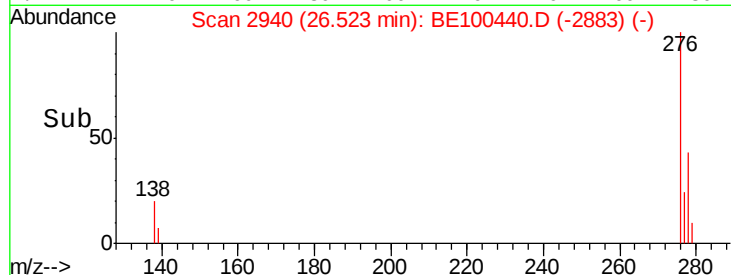


Abundance

Ion 276.00 (275.70 to 276.70): E

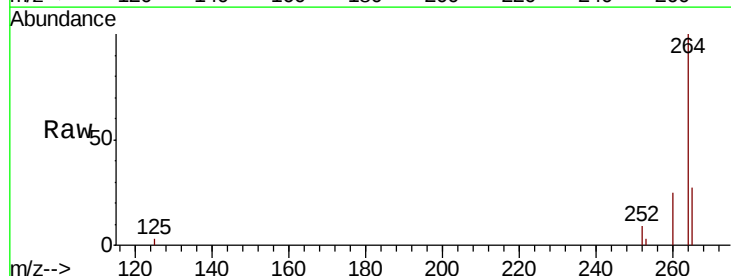
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.88 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE100440.D
 Acq: 16 Jul 2019 10:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.0	30.0
265	27.2	22.2	33.4

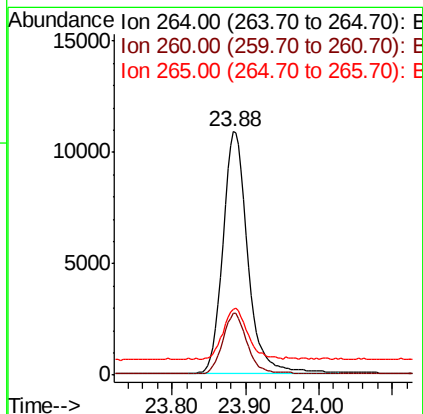
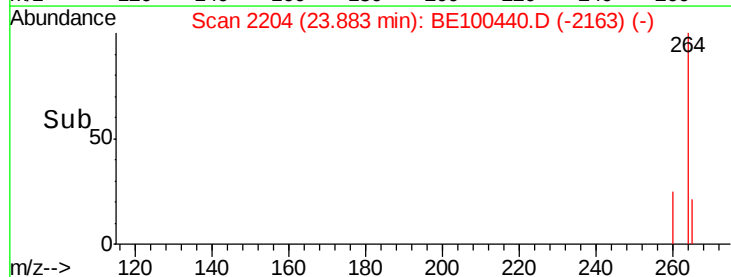


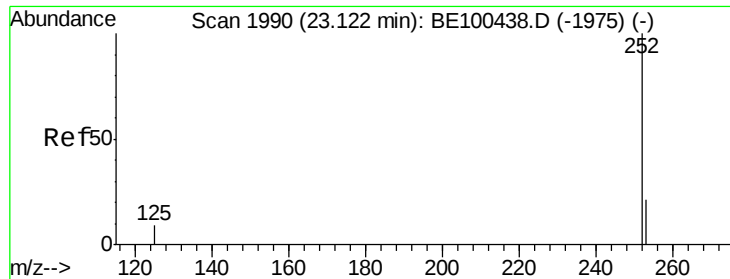
Abundance

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: 1.683 ng

RT: 23.12 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

Instrument :

BNA_E

ClientSampleId :

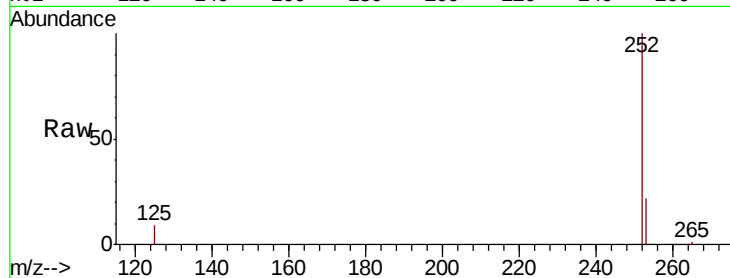
Tot Ion:252 Resp: 138091

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

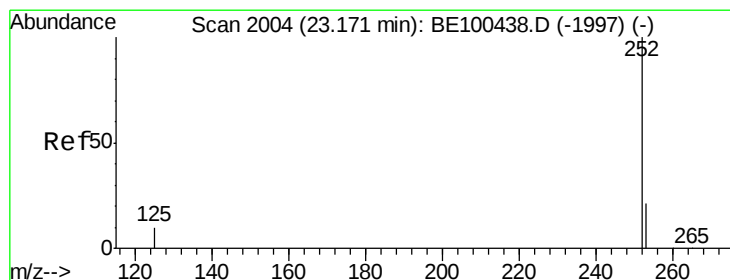
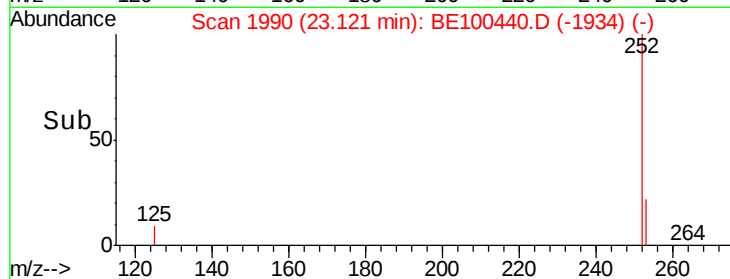
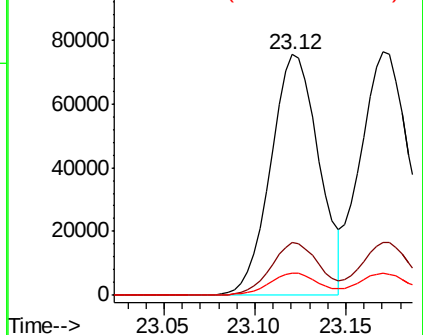
125 9.1 8.0 12.0



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: 1.763 ng

RT: 23.17 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

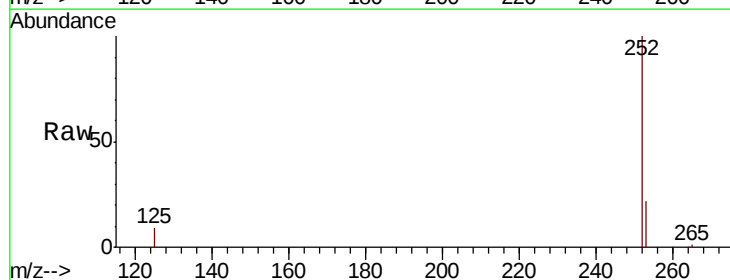
Tgt Ion:252 Resp: 151333

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

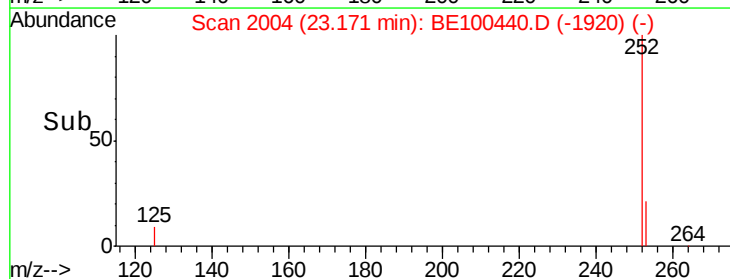
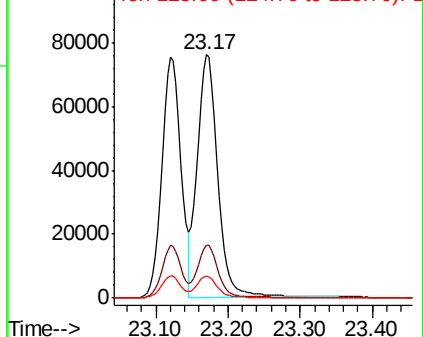
125 9.3 8.3 12.5

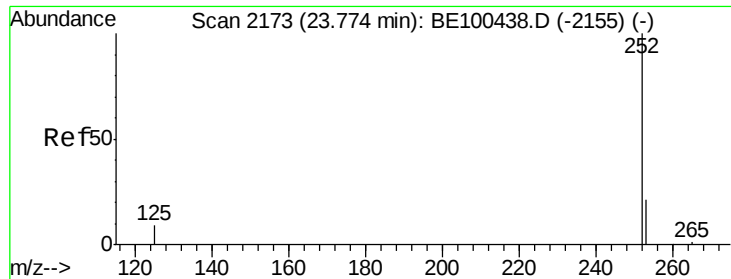


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 1.720 ng

RT: 23.78 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

Instrument :

BNA_E

ClientSampleId :

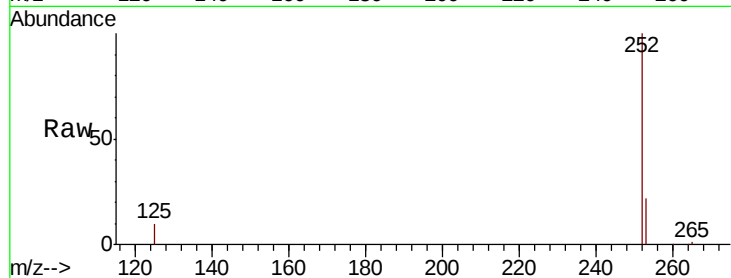
Tot Ion:252 Resp: 118094

Ion Ratio Lower Upper

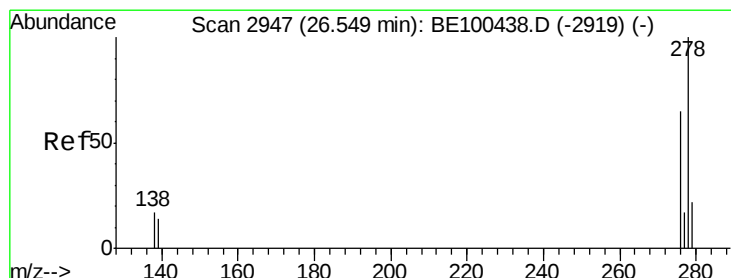
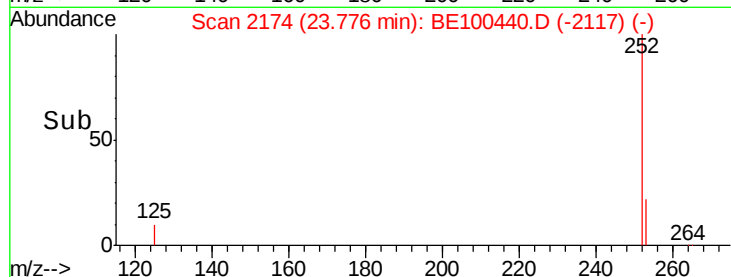
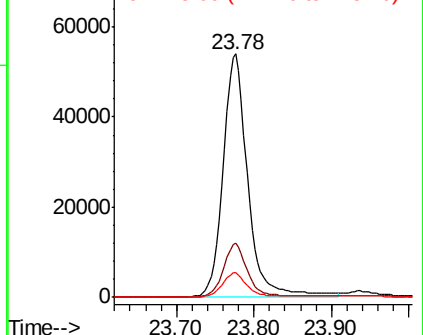
252 100

253 22.0 18.0 27.0

125 10.0 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: 1.763 ng

RT: 26.55 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

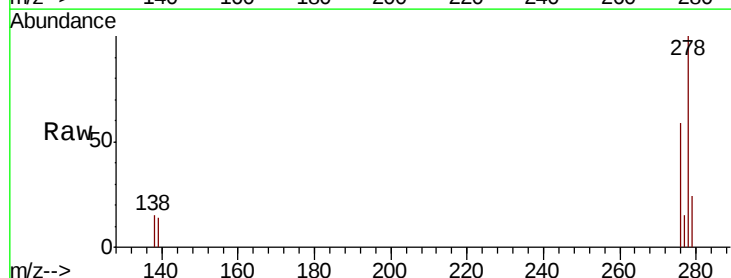
Tgt Ion:278 Resp: 126367

Ion Ratio Lower Upper

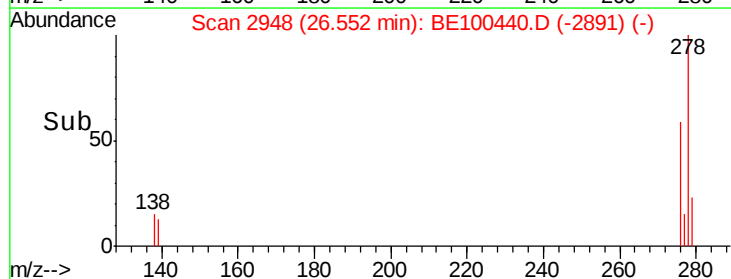
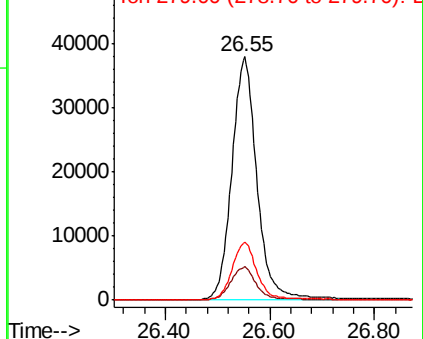
278 100

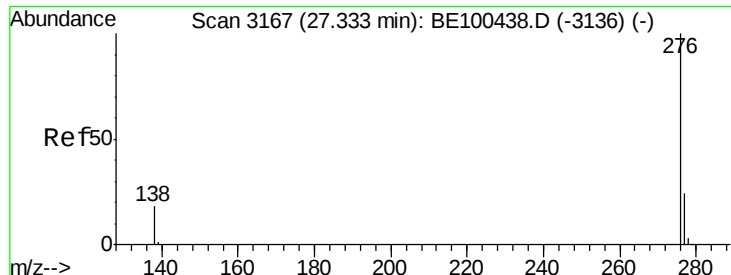
139 13.6 12.2 18.2

279 23.6 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: 1.697 ng

RT: 27.33 min Scan# 3165

Delta R.T. -0.01 min

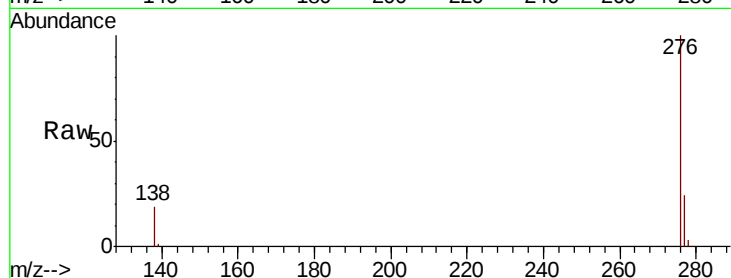
Lab File: BE100440.D

Acq: 16 Jul 2019 10:58

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 126362

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 18.7 15.1 22.7

