

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100283.D
 Acq On : 2 Jul 2019 2:56
 Operator : JU/SJ
 Sample : K3446-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-008-SW114-061819

Quant Time: Jul 02 04:08:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 14:06:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1099	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	3758	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2820	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	7556	0.40	ng	0.00
27) Chrysene-d12	21.24	240	10402	0.40	ng	0.00
34) Perylene-d12	23.68	264	12001	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	809	0.29	ng	0.01
5) Phenol-d6	6.83	99	1137	0.31	ng	-0.01
8) Nitrobenzene-d5	8.81	82	1165	0.31	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2536	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	635	0.32	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	3432	0.31	ng	-0.01
25) Fluoranthene-d10	19.10	212	35917	0.33	ng	0.00
29) Terphenyl-d14	19.70	244	7806	0.36	ng	0.00

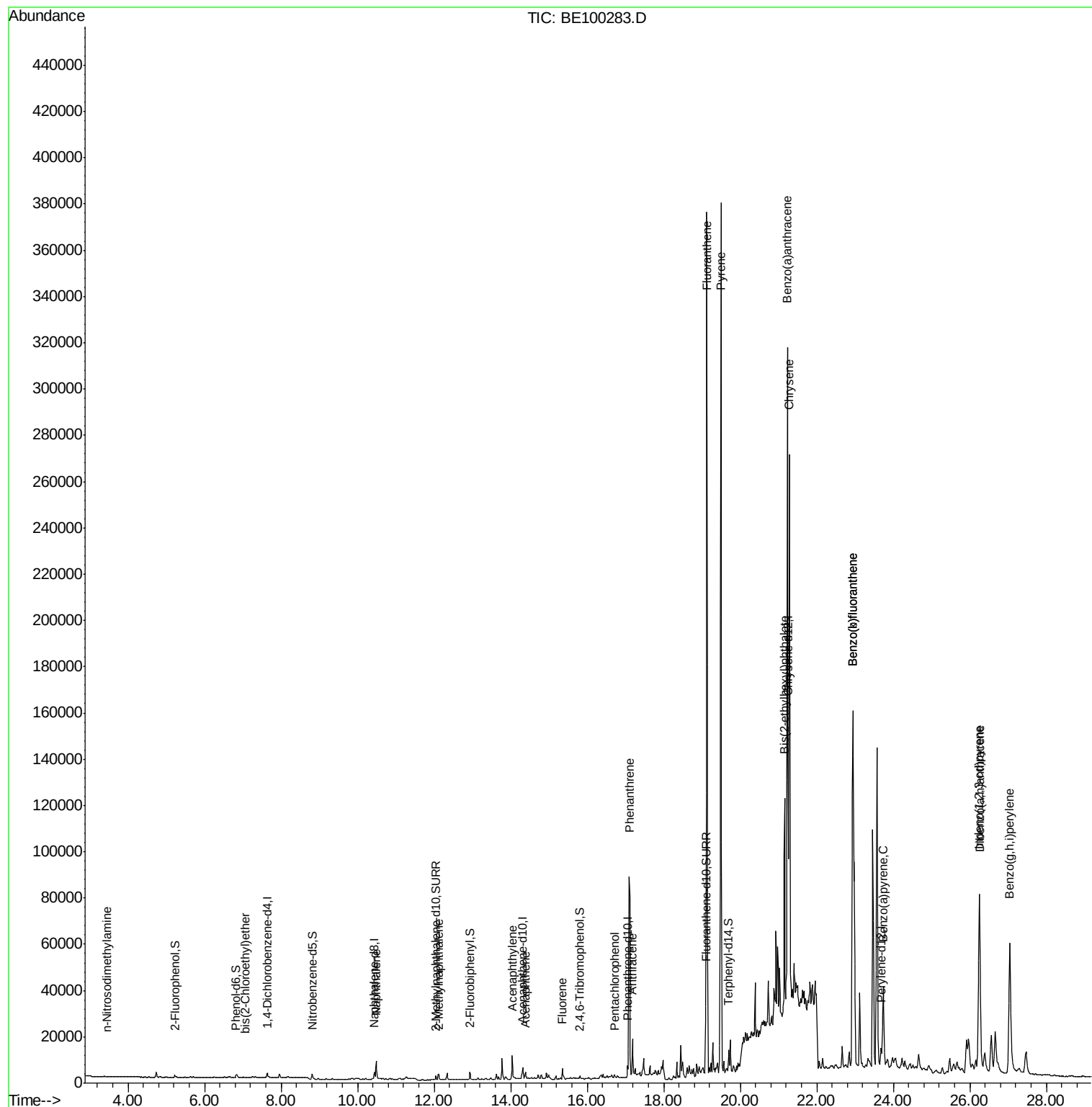
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.45	42	28	0.035	ng	# 1
6) bis(2-Chloroethyl)ether	7.06	93	117	0.039	ng	# 1
9) Naphthalene	10.48	128	13257	0.320	ng	99
12) 2-Methylnaphthalene	12.11	142	1945	0.267	ng	98
16) Acenaphthylene	14.04	152	13908	1.028	ng	99
17) Acenaphthene	14.38	154	1483	0.193	ng	97
18) Fluorene	15.35	166	3616	0.319	ng	# 92
22) Pentachlorophenol	16.72	266	43	0.029	ng	# 87
23) Phenanthrene	17.09	178	105500	5.761	ng	100
24) Anthracene	17.19	178	18265	1.108	ng	# 96
26) Fluoranthene	19.13	202	334154	11.455	ng	99
28) Pyrene	19.50	202	339926	12.343	ng	# 95
30) Benzo(a)anthracene	21.23	228	246697	7.213	ng	98
31) Chrysene	21.28	228	241210	7.023	ng	95
32) Bis(2-ethylhexyl)phthalate	21.16	149	115726	2.336	ng	100
33) Indeno(1,2,3-cd)pyrene	26.25	276	153905	3.388	ng	# 96
35) Benzo(b)fluoranthene	22.94	252	310144	9.532	ng	# 97
36) Benzo(k)fluoranthene	22.94	252	310144	8.539	ng	98
37) Benzo(a)pyrene	23.73	252	48464	1.486	ng	94
38) Dibenzo(a,h)anthracene	26.26	278	40548	1.191	ng	# 91
39) Benzo(g,h,i)perylene	27.04	276	156357	4.469	ng	98

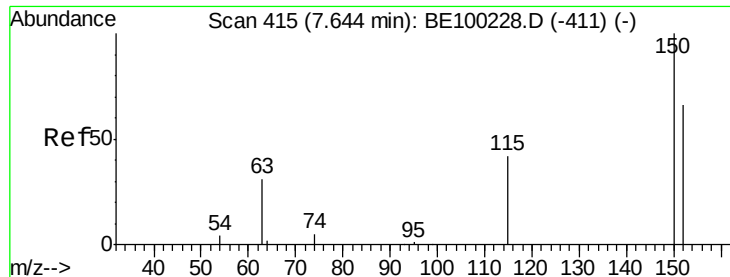
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.64 min Scan# 415

Delta R.T. 0.00 min

Lab File: BE100283.D

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Instrument :

BNA_E

ClientSampleId :

EXT-008-SW114-061819

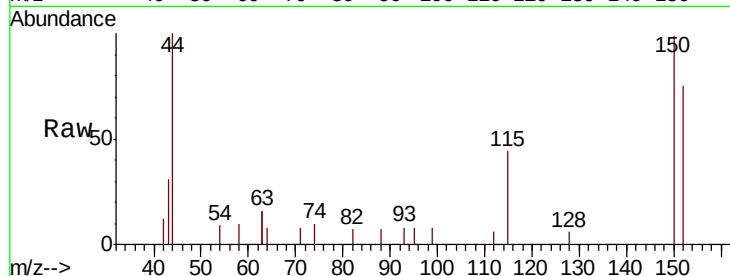
Tgt Ion: 152 Resp: 1099

Ion Ratio Lower Upper

152 100

150 133.3 114.5 171.7

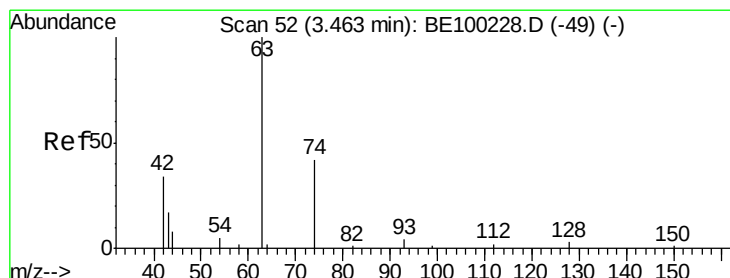
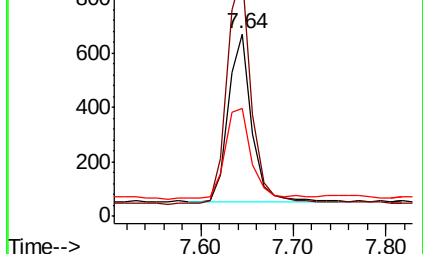
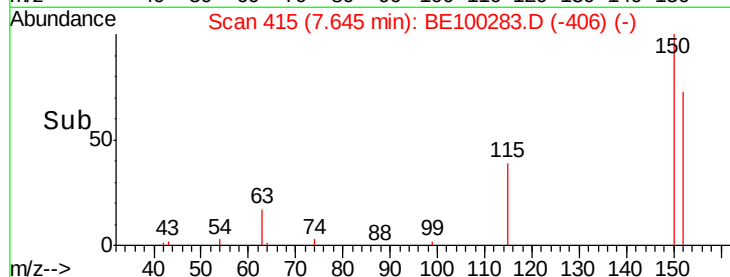
115 59.1 57.1 85.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

n-Nitrosodimethylamine

Concen: 0.035 ng

RT: 3.45 min Scan# 51

Delta R.T. -0.01 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

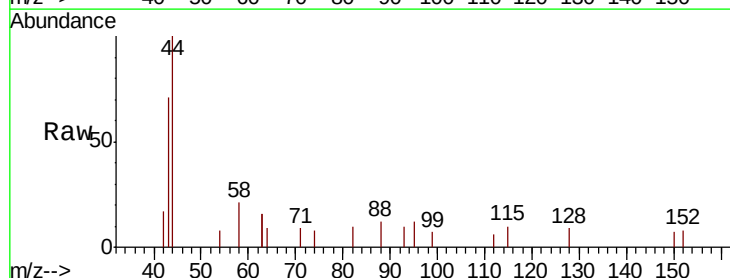
Tgt Ion: 42 Resp: 28

Ion Ratio Lower Upper

42 100

74 0.0 130.6 196.0#

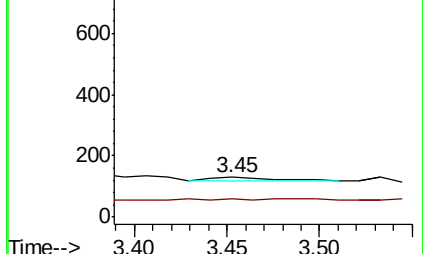
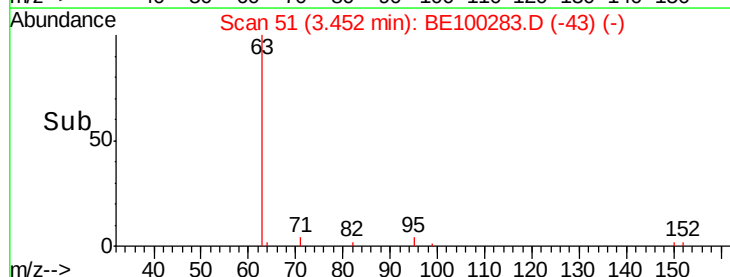
44 328.6 38.0 57.0#

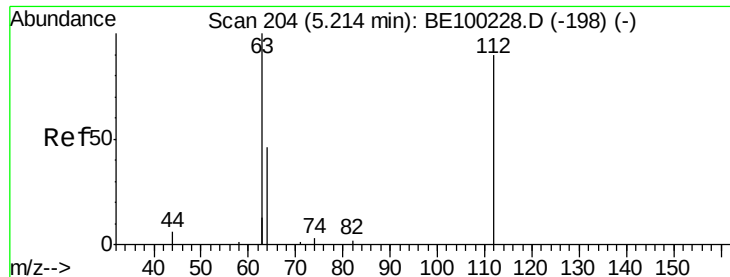


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.289 ng

RT: 5.23 min Scan# 205

Delta R.T. 0.01 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

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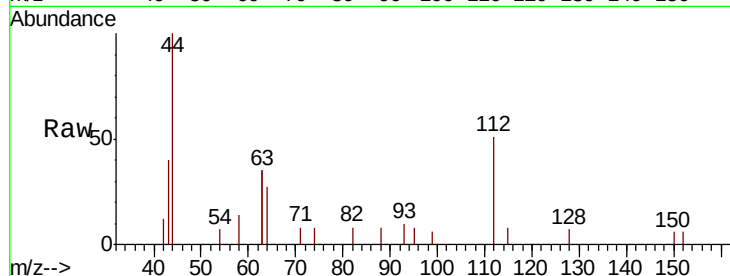
Tgt Ion: 112 Resp: 809

Ion Ratio Lower Upper

112 100

64 62.9 39.4 59.0#

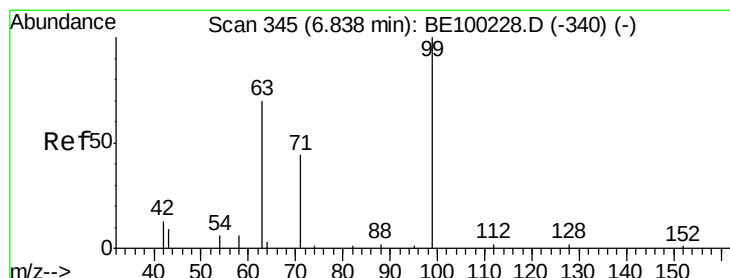
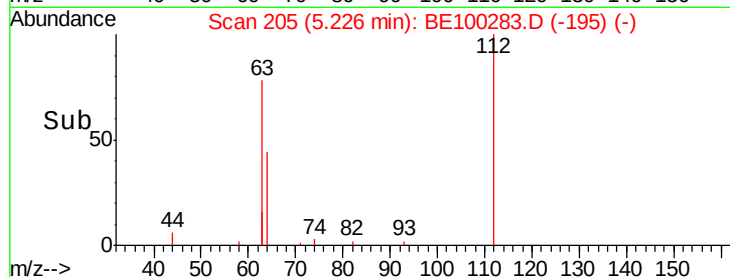
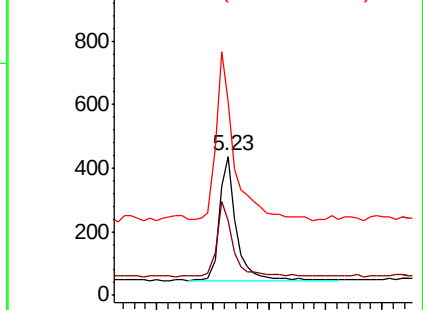
63 145.4 104.5 156.7



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: 0.308 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

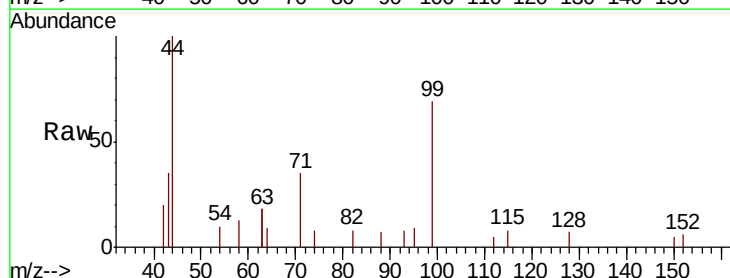
Tgt Ion: 99 Resp: 1137

Ion Ratio Lower Upper

99 100

42 16.9 11.2 16.8#

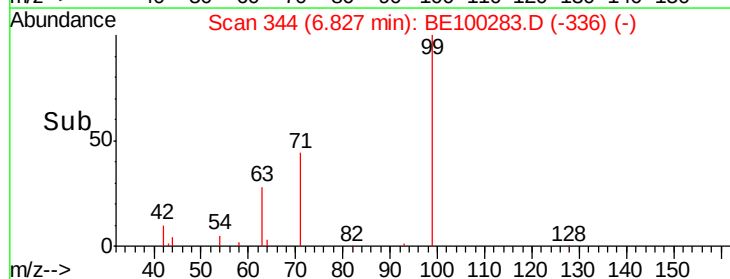
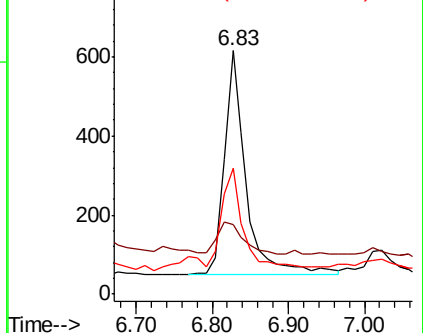
71 42.2 37.2 55.8

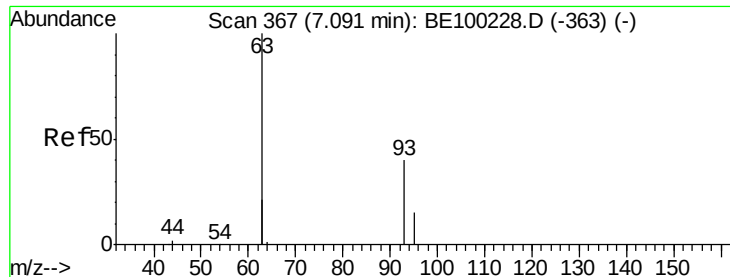


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.039 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.03 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

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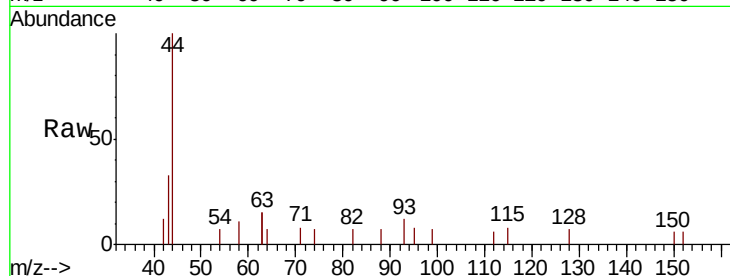
Tgt Ion: 93 Resp: 117

Ion Ratio Lower Upper

93 100

63 0.0 155.6 233.4#

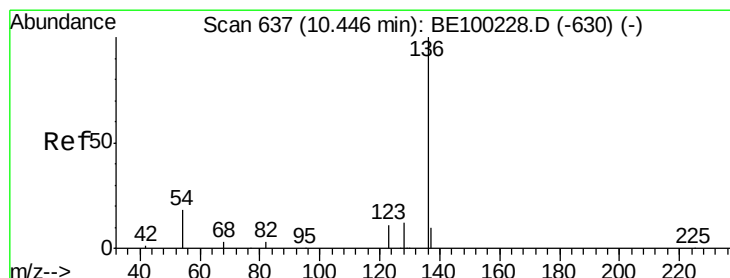
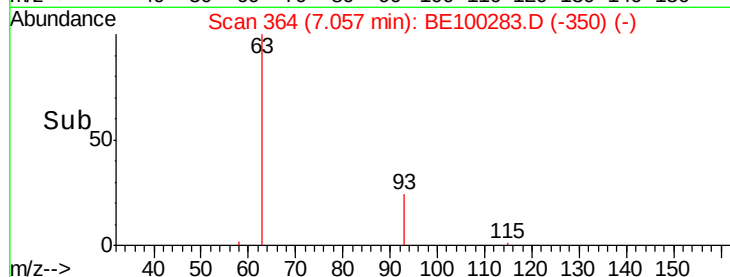
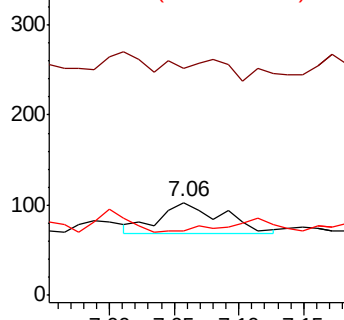
95 0.0 23.0 34.4#



Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

Tgt Ion: 136 Resp: 3758

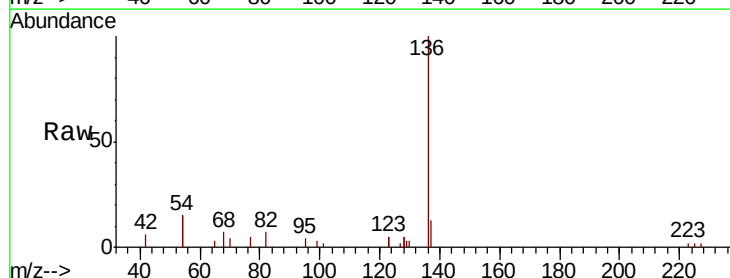
Ion Ratio Lower Upper

136 100

137 12.9 11.8 17.8

54 30.4 27.7 41.5

68 7.4 6.8 10.2

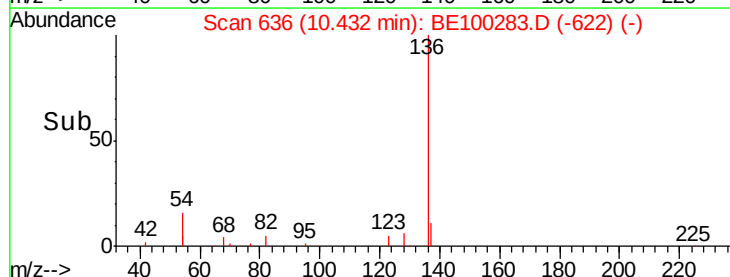
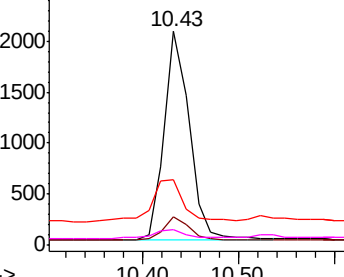


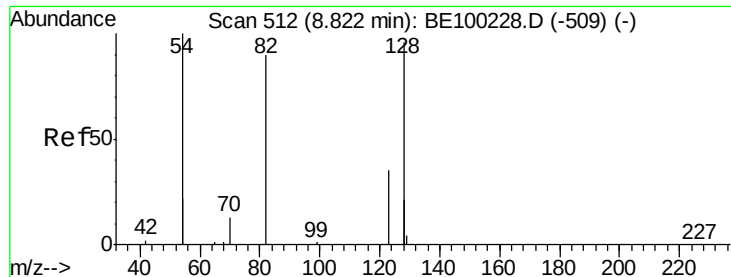
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.312 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

Instrument :

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EXT-008-SW114-061819

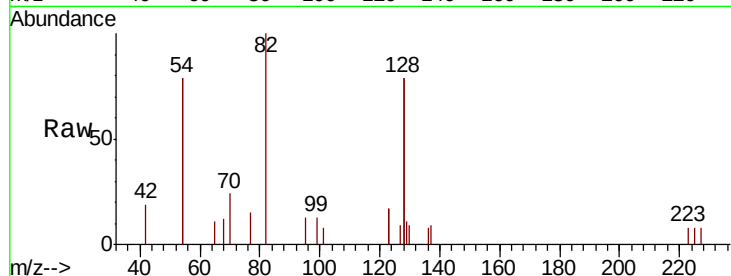
Tgt Ion: 82 Resp: 1165

Ion Ratio Lower Upper

82 100

128 157.5 140.9 211.3

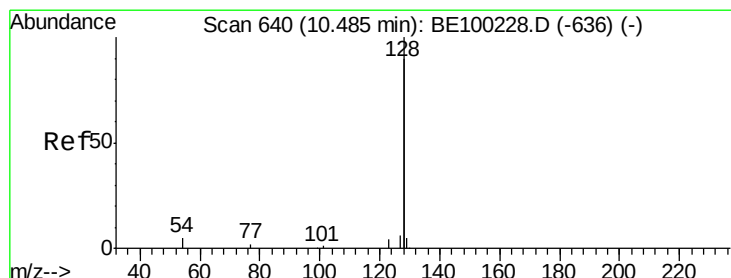
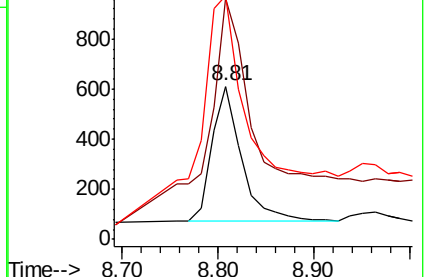
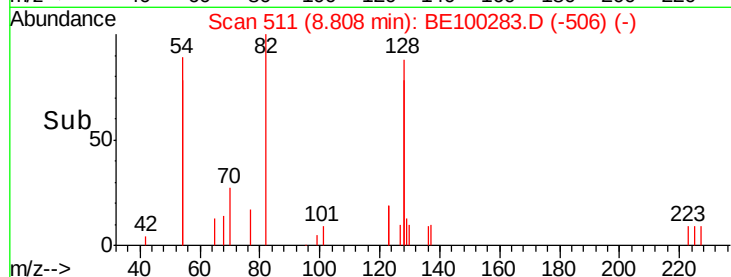
54 158.8 146.2 219.2



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 0.320 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

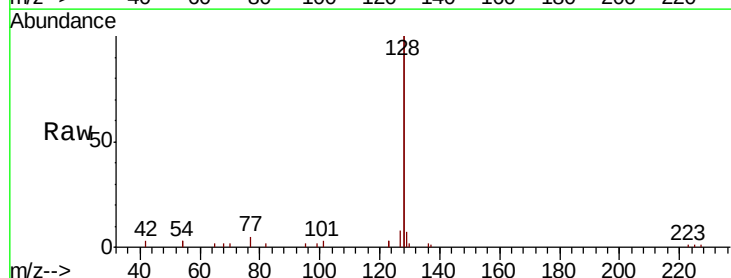
Tgt Ion: 128 Resp: 13257

Ion Ratio Lower Upper

128 100

129 3.4 3.0 4.6

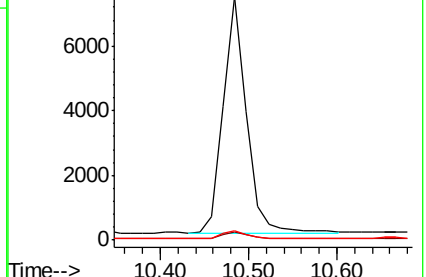
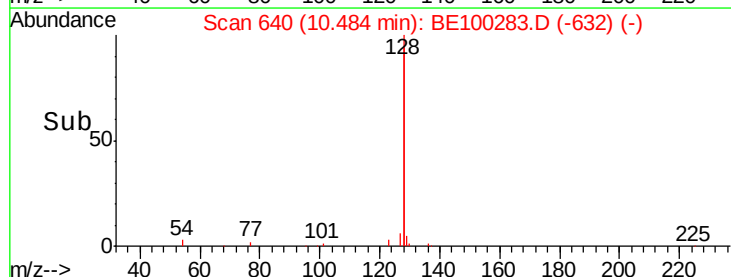
127 3.9 3.5 5.3

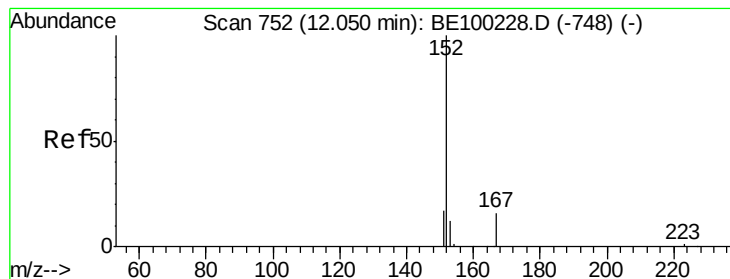


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

Instrument :

BNA_E

ClientSampleId :

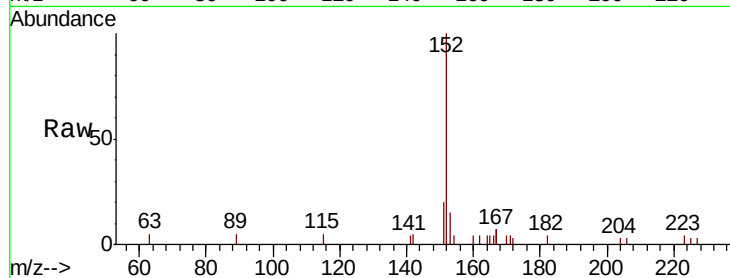
EXT-008-SW114-061819

Tgt Ion:152 Resp: 2536

Ion Ratio Lower Upper

152 100

151 19.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.04

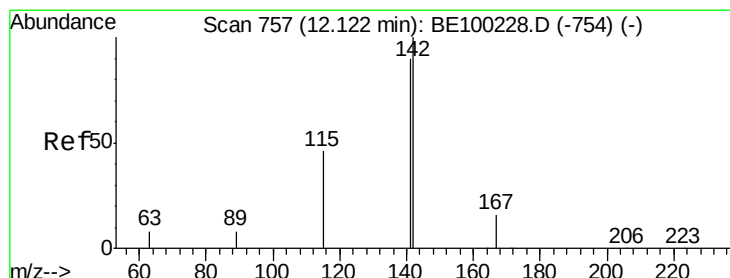
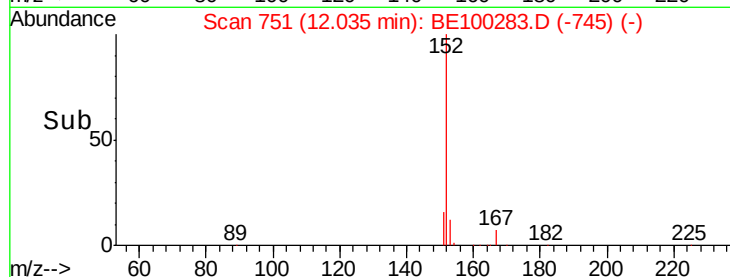
1500

1000

500

0

Time--> 11.90 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.267 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

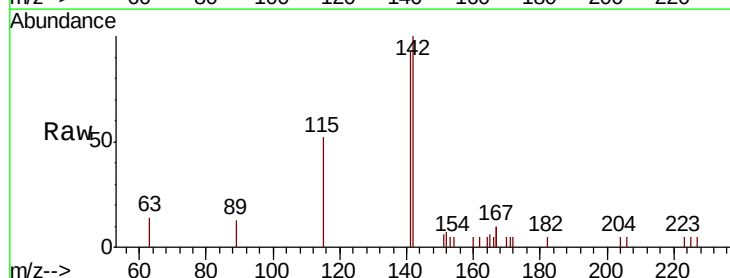
Tgt Ion:142 Resp: 1945

Ion Ratio Lower Upper

142 100

141 92.7 72.4 108.6

115 52.2 40.4 60.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

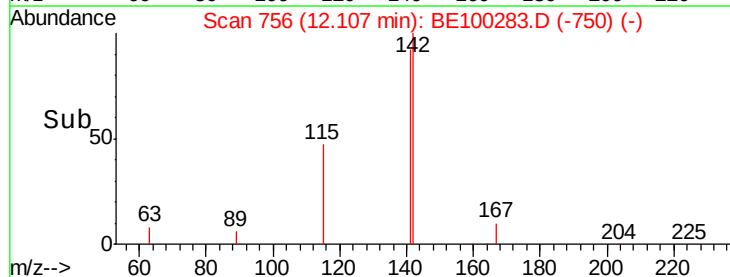
12.11

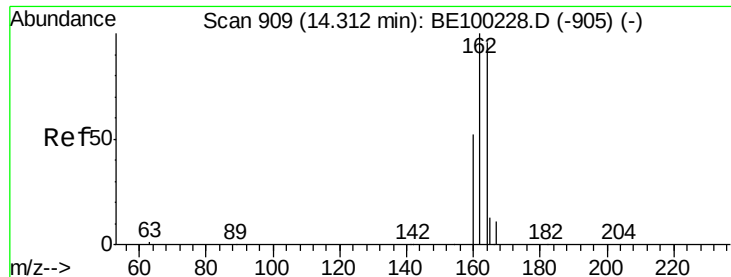
1000

500

0

Time--> 12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. -0.00 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

Instrument :

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ClientSampleId :

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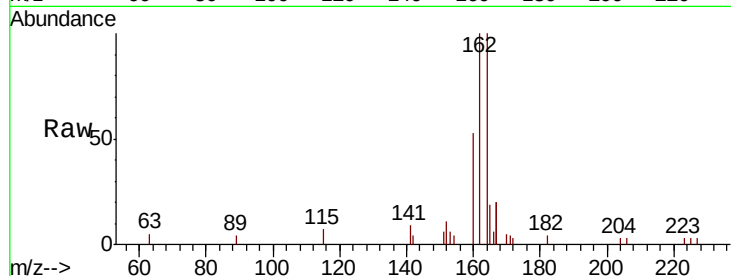
Tgt Ion:164 Resp: 2820

Ion Ratio Lower Upper

164 100

162 100.4 83.4 125.0

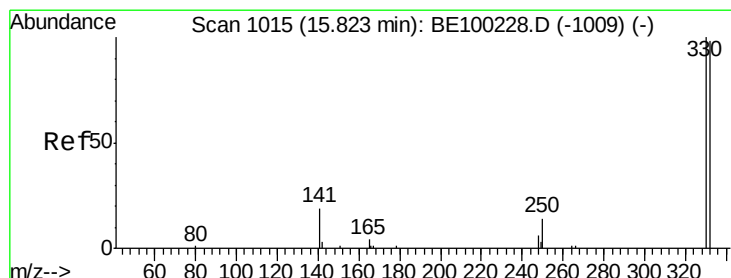
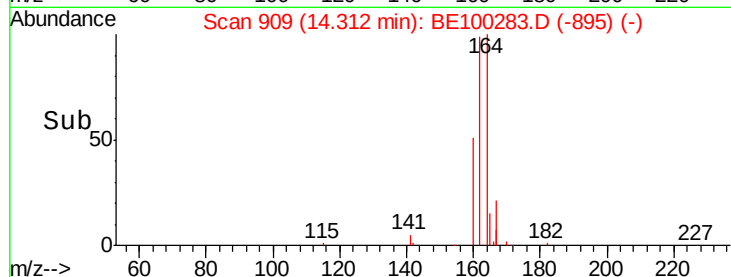
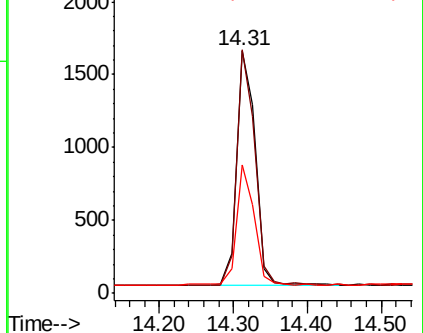
160 53.0 45.0 67.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.322 ng

RT: 15.81 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

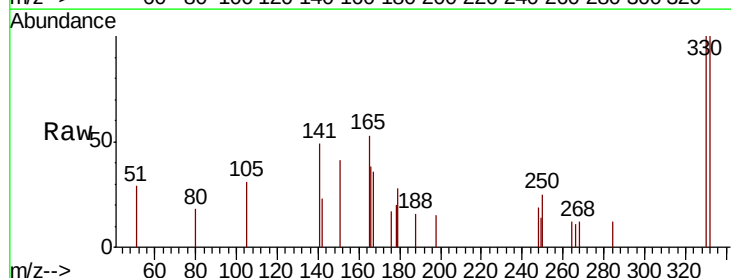
Tgt Ion:330 Resp: 635

Ion Ratio Lower Upper

330 100

332 93.1 77.0 115.4

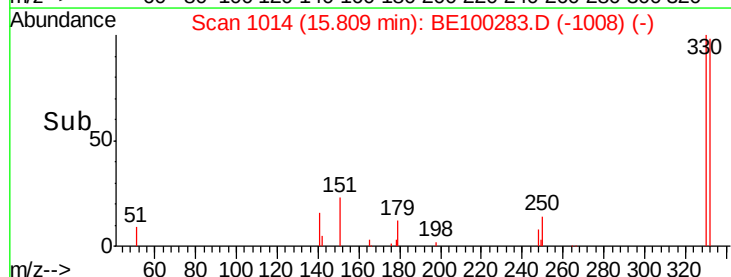
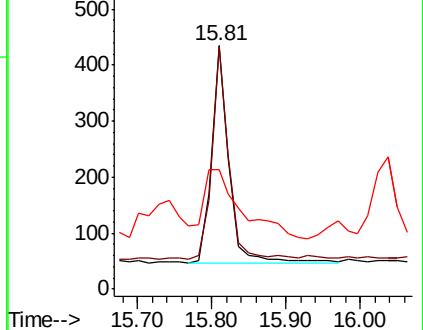
141 68.7 22.0 33.0#

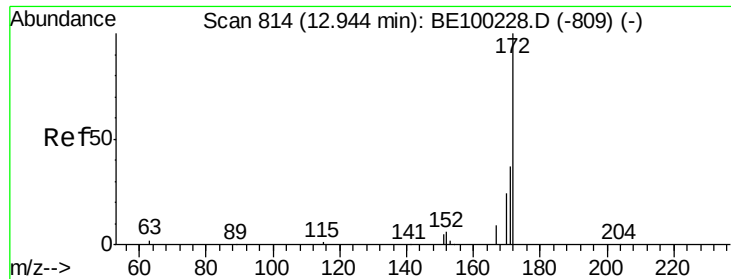


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

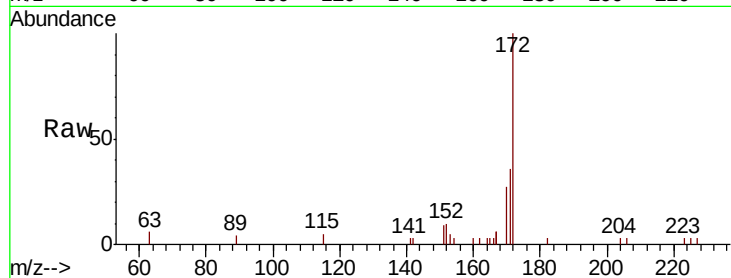




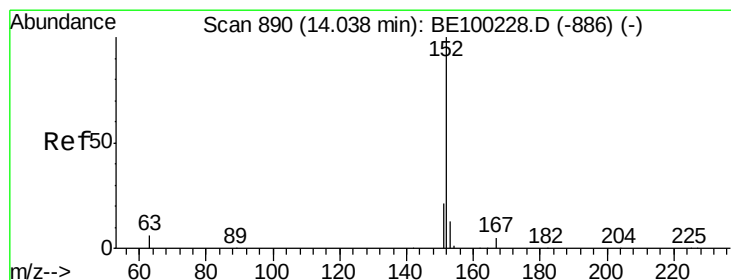
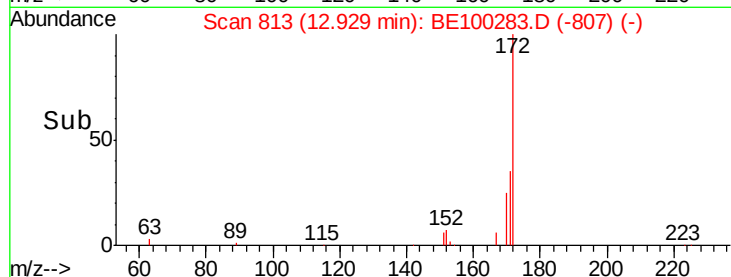
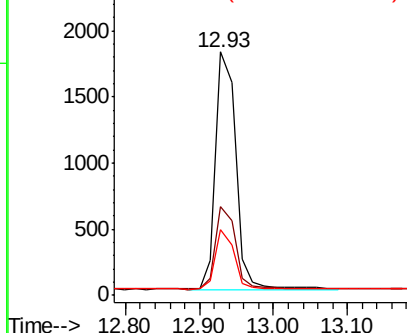
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:172 Resp: 3432
Ion Ratio Lower Upper
172 100
171 36.5 31.9 47.9
170 27.2 22.2 33.2

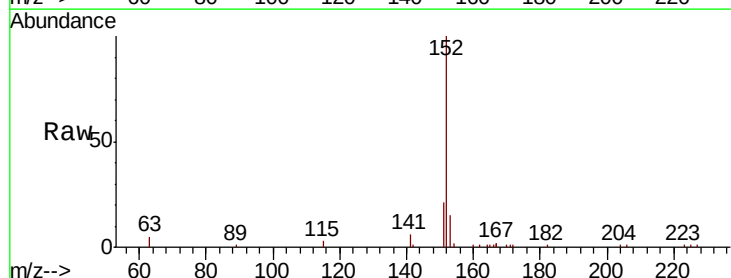


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

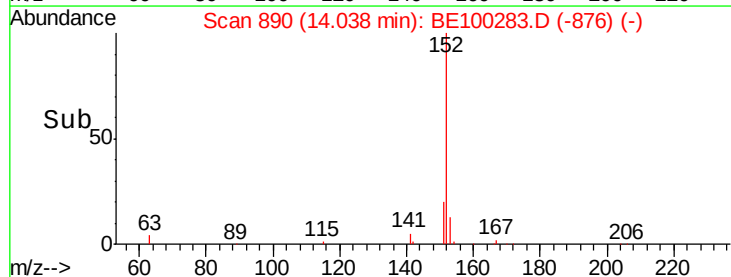
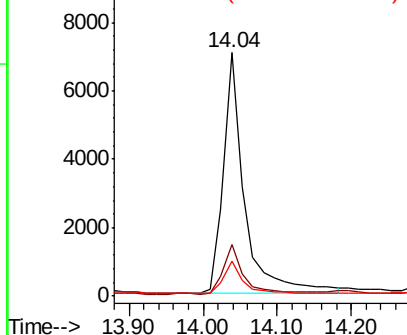


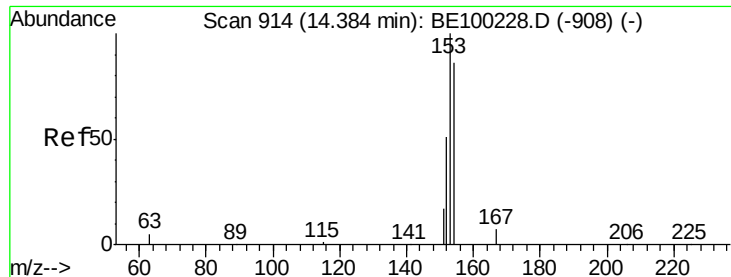
#16
Acenaphthylene
Concen: 1.028 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:152 Resp: 13908
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0
153 13.0 10.5 15.7



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

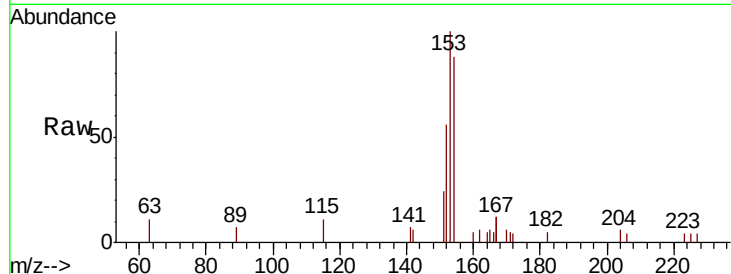




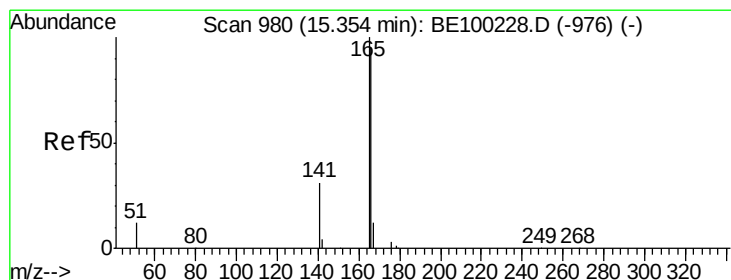
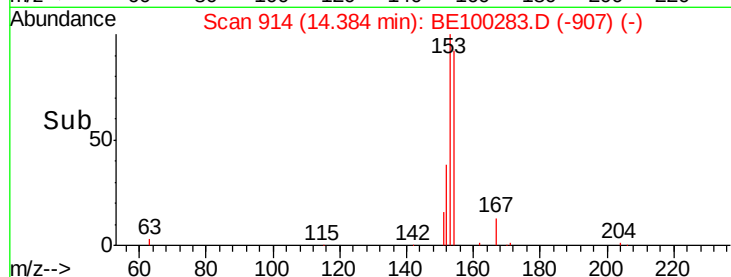
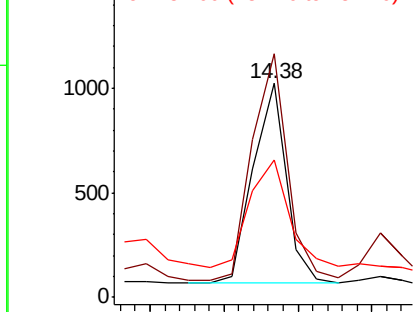
#17
Acenaphthene
Concen: 0.193 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

Tgt Ion:154 Resp: 1483
Ion Ratio Lower Upper
154 100
153 119.6 93.4 140.2
152 65.4 49.4 74.2

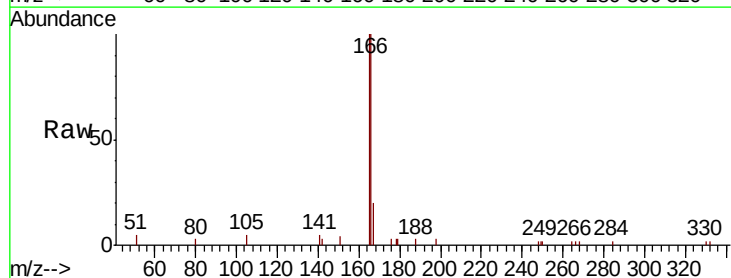


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

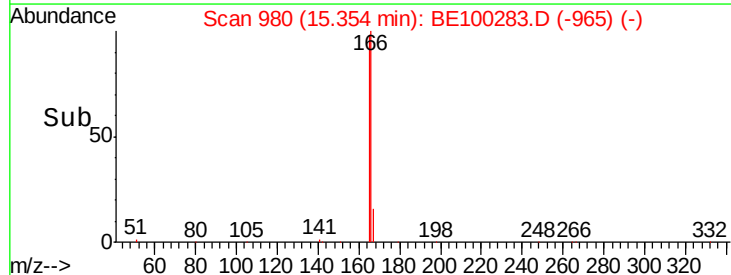
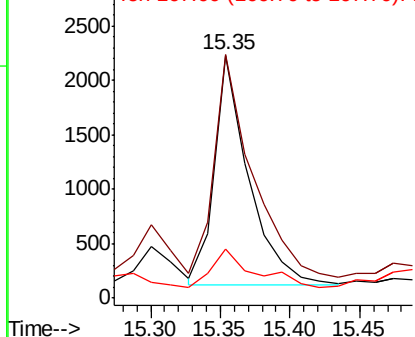


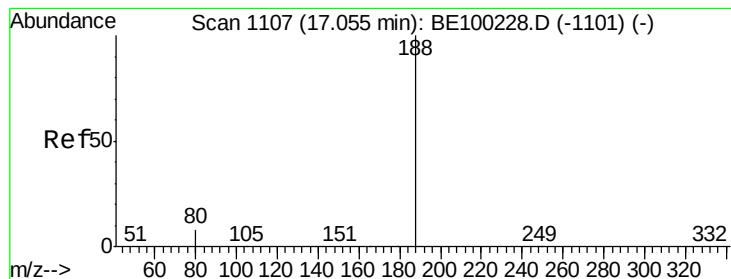
#18
Fluorene
Concen: 0.319 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion:166 Resp: 3616
Ion Ratio Lower Upper
166 100
165 108.5 81.1 121.7
167 20.5 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW114-061819

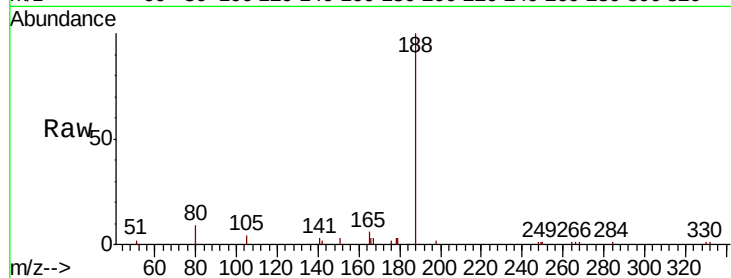
Tgt Ion:188 Resp: 7556

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

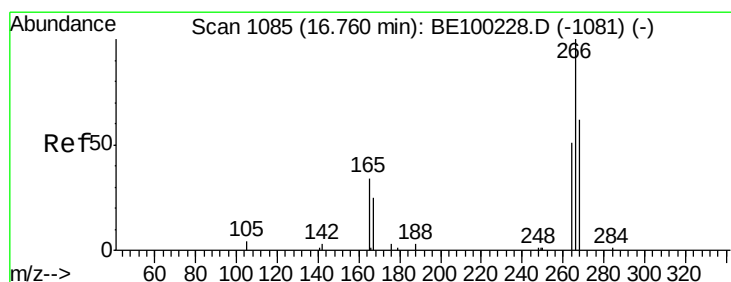
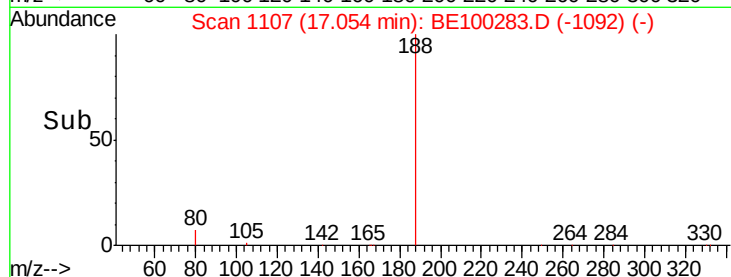
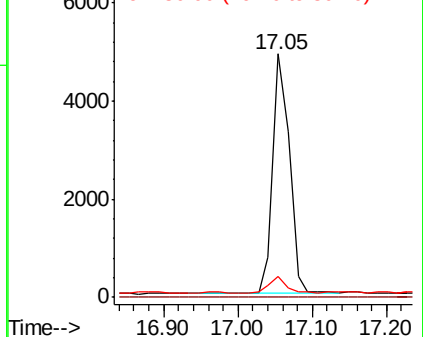
80 8.8 7.6 11.4



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



#22

Pentachlorophenol

Concen: 0.029 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

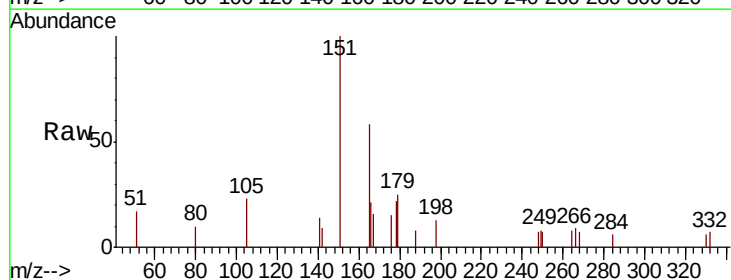
Tgt Ion:266 Resp: 43

Ion Ratio Lower Upper

266 100

264 85.9 56.2 84.2#

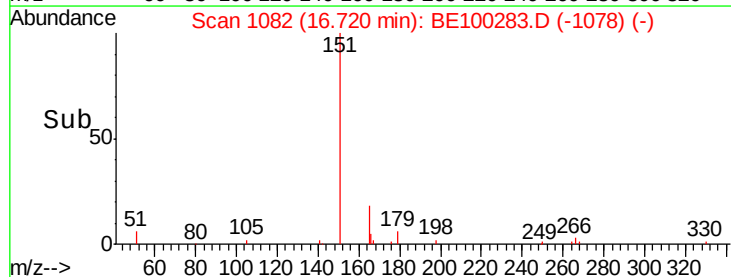
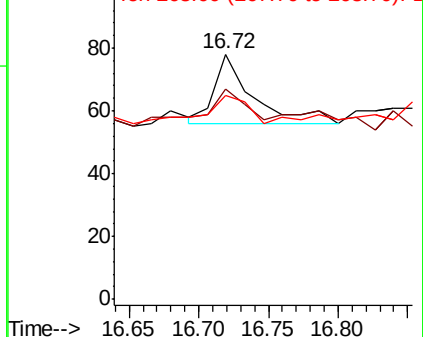
268 83.3 61.8 92.6

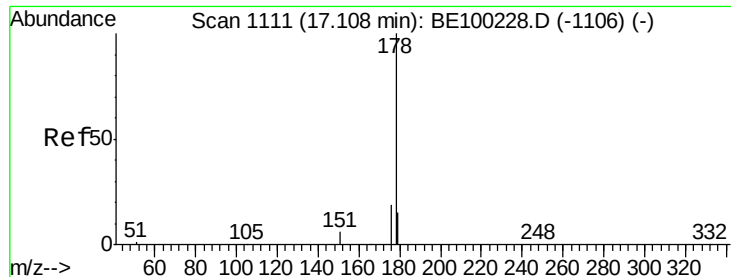


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.761 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW114-061819

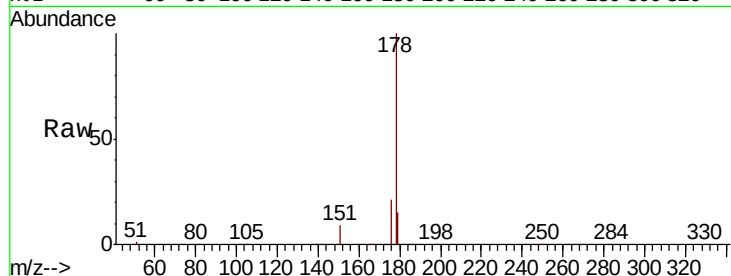
Tgt Ion:178 Resp: 105500

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

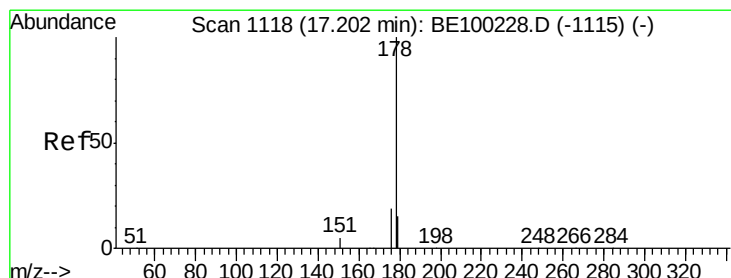
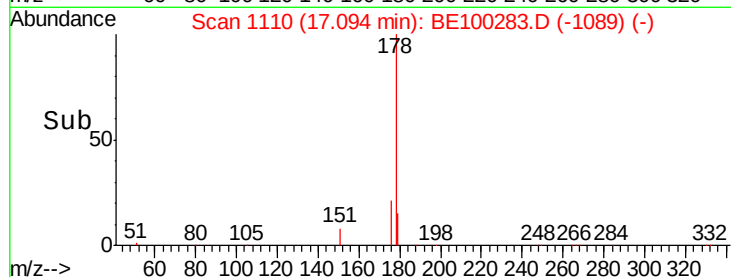
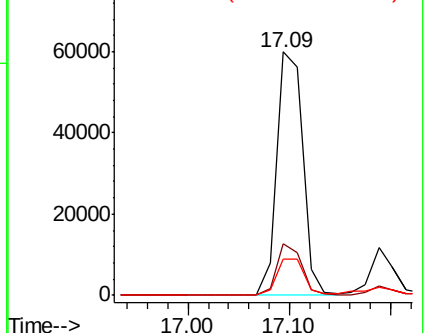
179 15.3 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 1.108 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

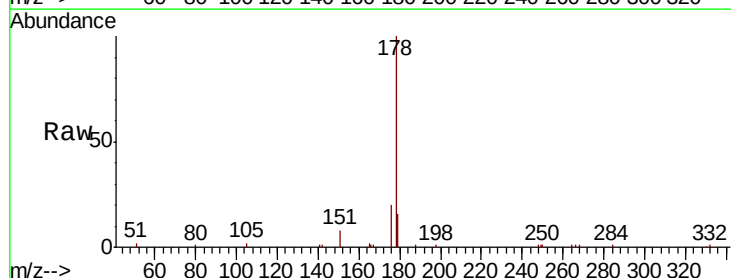
Tgt Ion:178 Resp: 18265

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

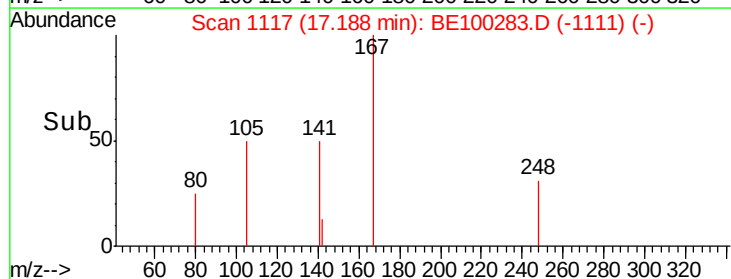
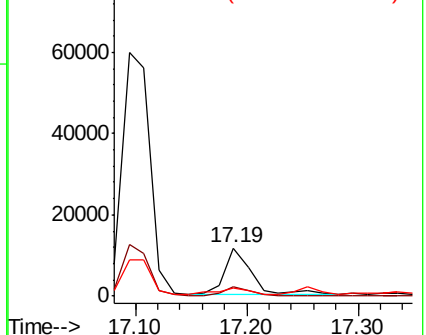
179 19.0 12.2 18.2#

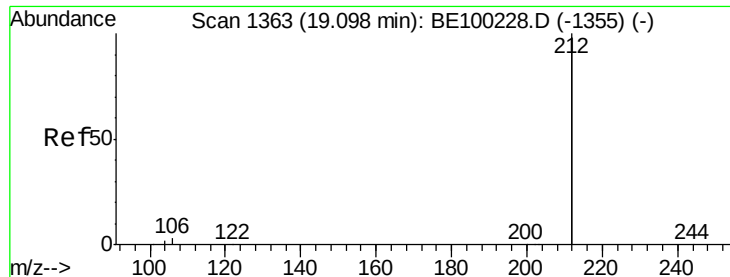


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.328 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

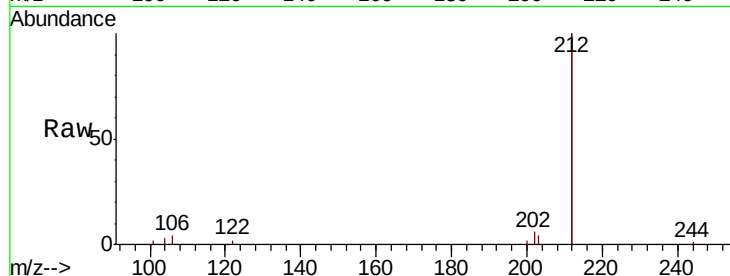
Instrument :

BNA_E

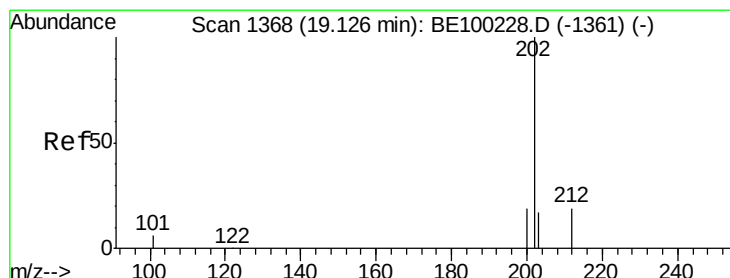
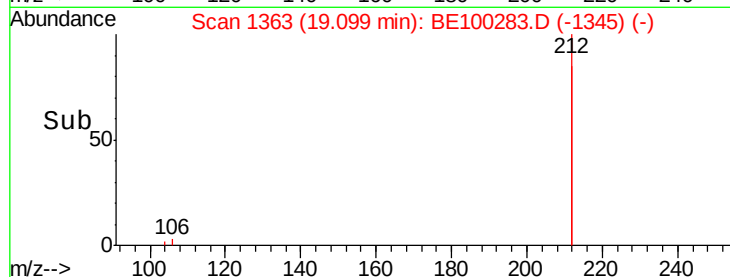
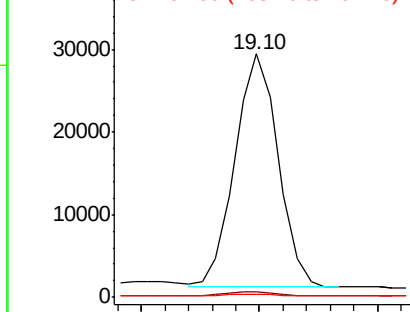
ClientSampleId :

EXT-008-SW114-061819

Tgt Ion:	212	Resp:	35917
Ion	Ratio	Lower	Upper
212	100		
106	1.7	1.3	1.9
104	1.0	0.8	1.2



Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 11.455 ng

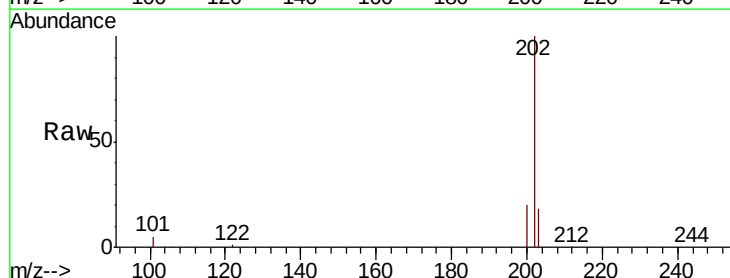
RT: 19.13 min Scan# 1368

Delta R.T. 0.00 min

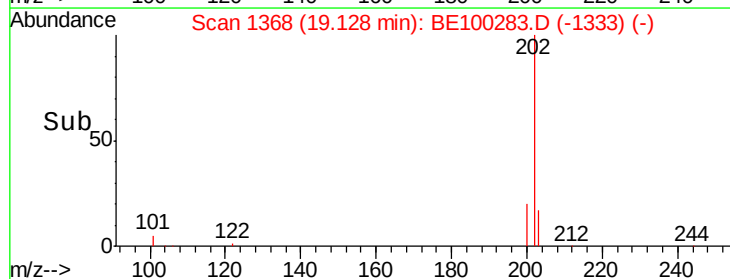
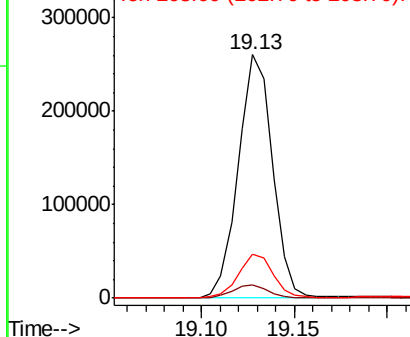
Lab File: BE100283.D

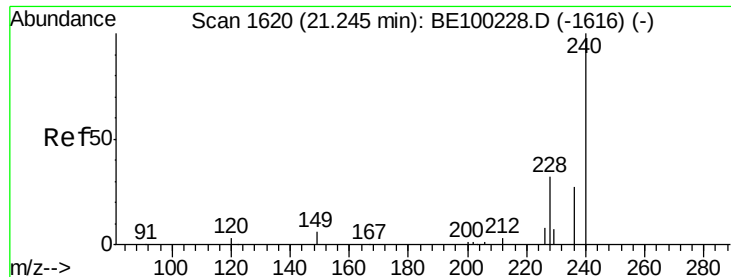
Acq: 2 Jul 2019 2:56

Tgt Ion:	202	Resp:	334154
Ion	Ratio	Lower	Upper
202	100		
101	5.3	4.6	7.0
203	17.7	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: 21.24 min Scan# 1619

Delta R.T. -0.00 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW114-061819

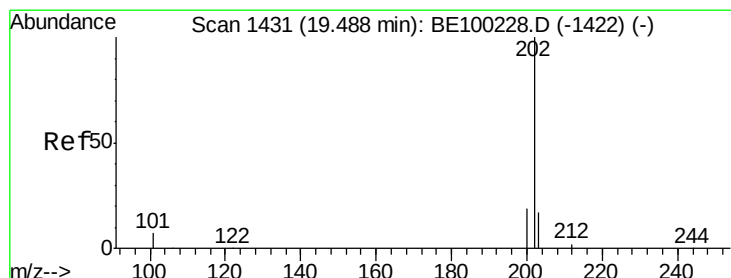
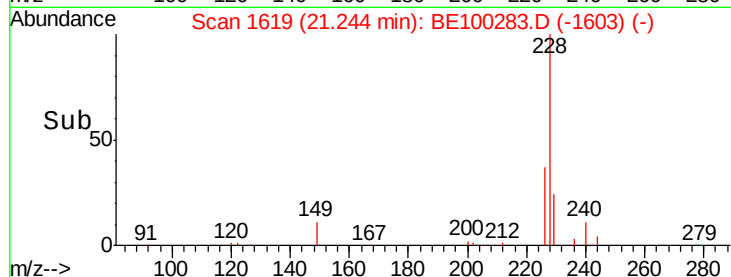
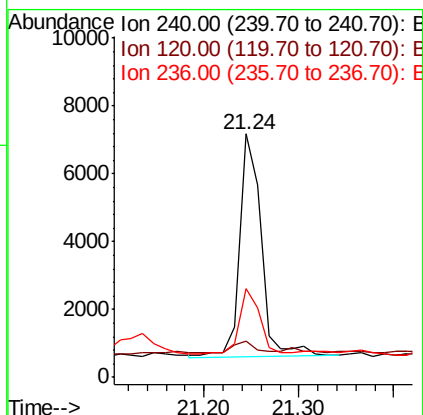
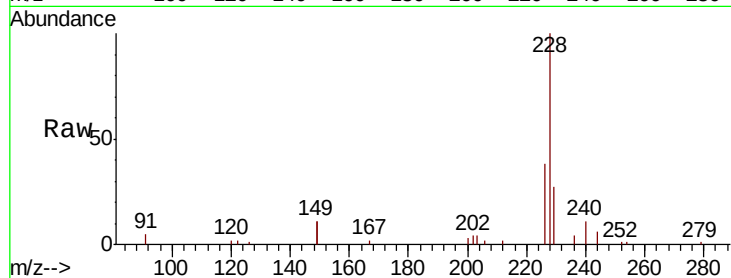
Tgt Ion:240 Resp: 10402

Ion Ratio Lower Upper

240 100

120 15.0 3.3 4.9#

236 36.4 22.6 34.0#



#28

Pyrene

Concen: 12.343 ng

RT: 19.50 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

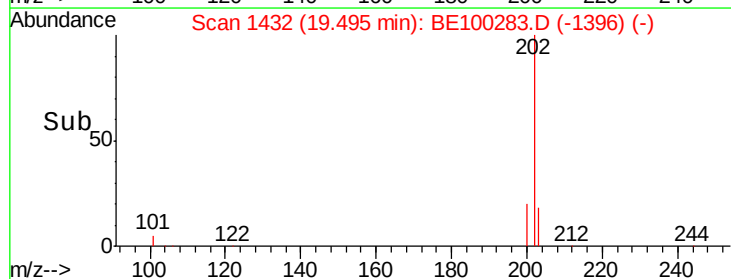
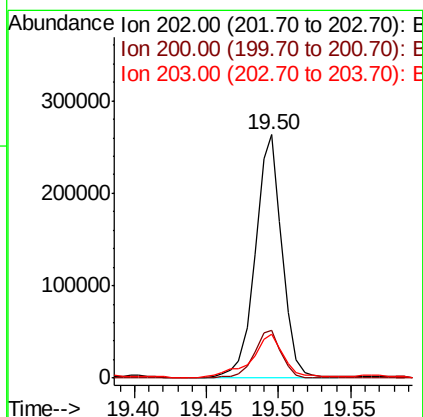
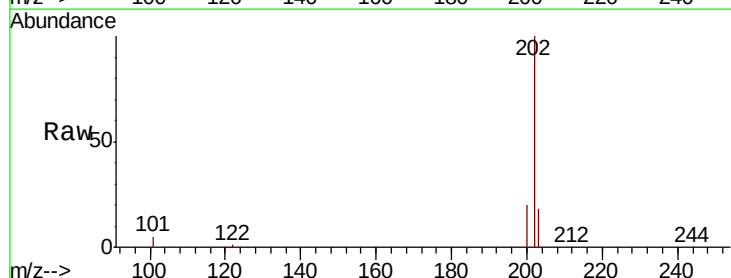
Tgt Ion:202 Resp: 339926

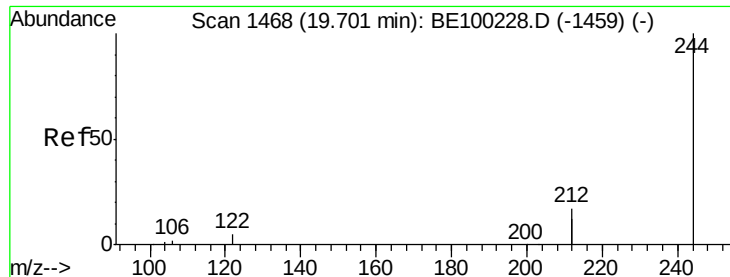
Ion Ratio Lower Upper

202 100

200 19.9 15.6 23.4

203 21.3 14.0 21.0#





#29

Terphenyl-d14

Concen: 0.362 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW114-061819

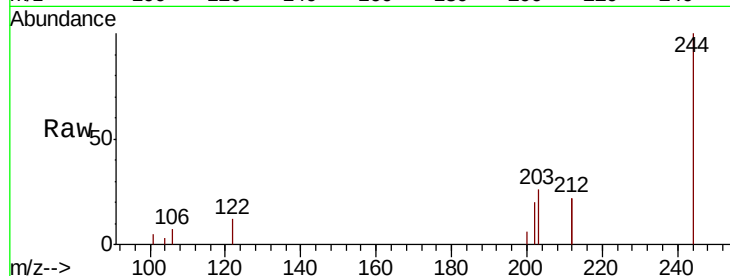
Tgt Ion:244 Resp: 7806

Ion Ratio Lower Upper

244 100

212 43.6 27.3 40.9#

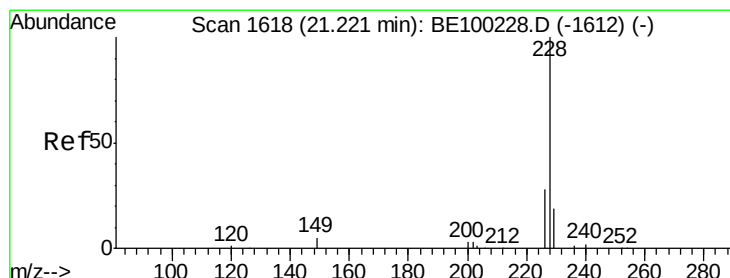
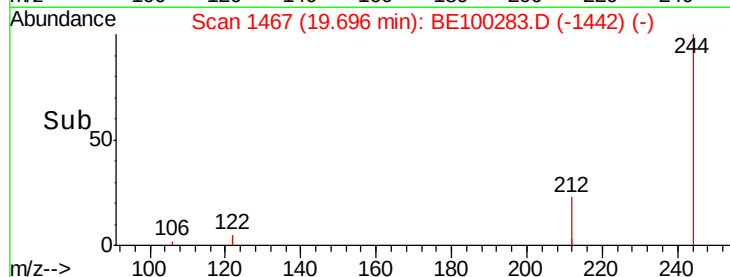
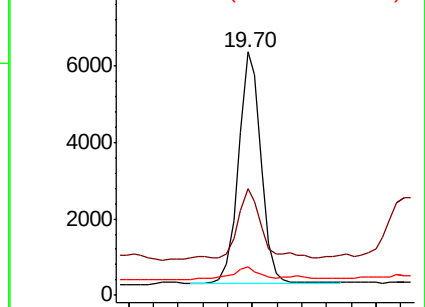
122 11.9 4.7 7.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 7.213 ng

RT: 21.23 min Scan# 1618

Delta R.T. 0.01 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

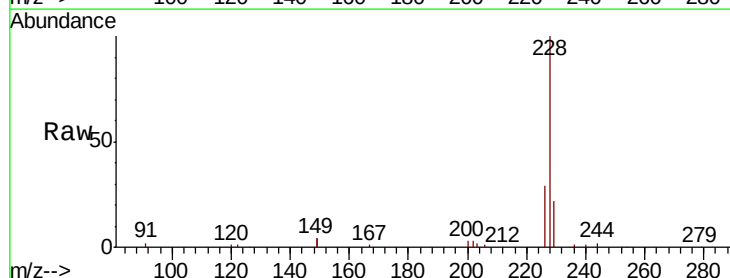
Tgt Ion:228 Resp: 246697

Ion Ratio Lower Upper

228 100

226 29.3 23.2 34.8

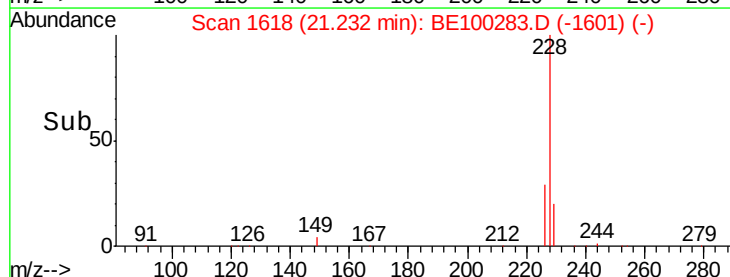
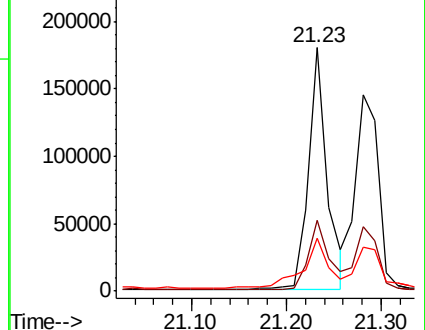
229 21.8 15.7 23.5

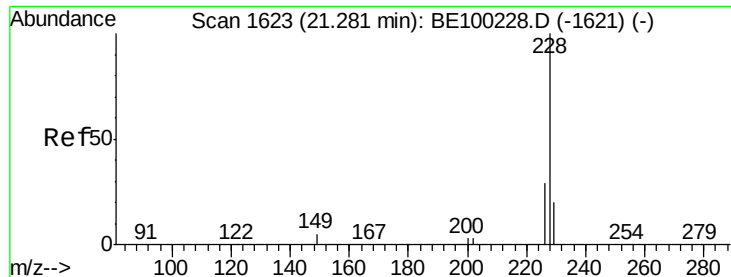


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 7.023 ng

RT: 21.28 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW114-061819

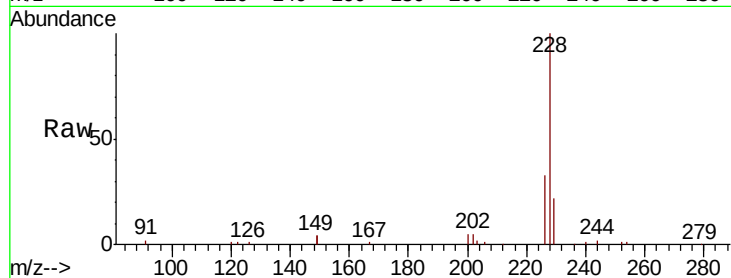
Tgt Ion: 228 Resp: 241210

Ion Ratio Lower Upper

228 100

226 32.7 23.9 35.9

229 22.4 16.5 24.7

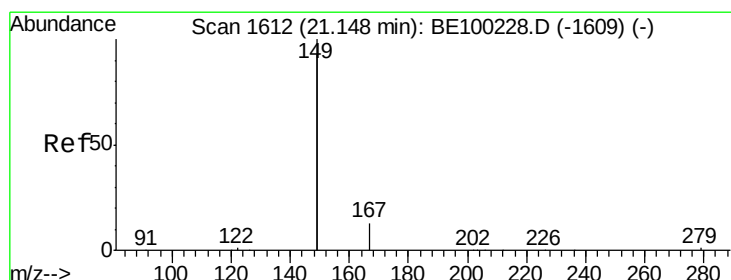
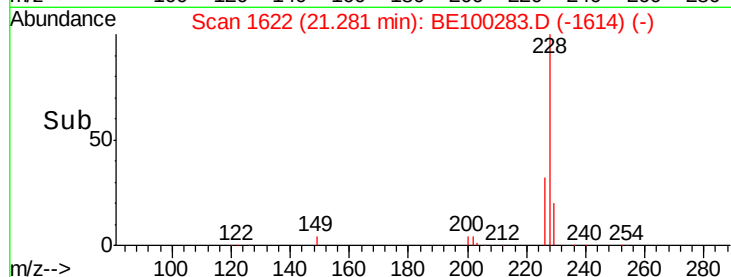
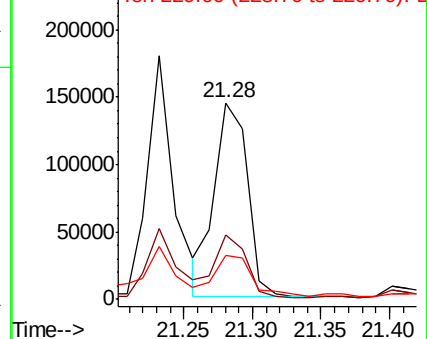


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 2.336 ng

RT: 21.16 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

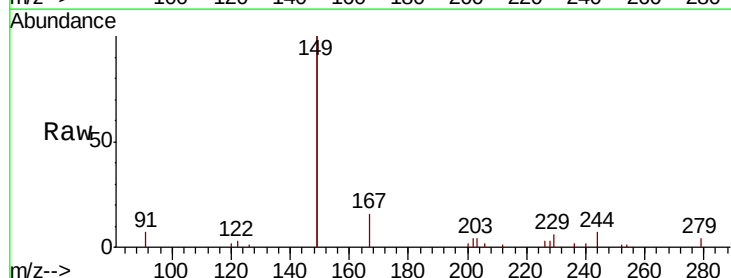
Tgt Ion: 149 Resp: 115726

Ion Ratio Lower Upper

149 100

167 7.3 5.8 8.8

279 1.6 1.1 1.7

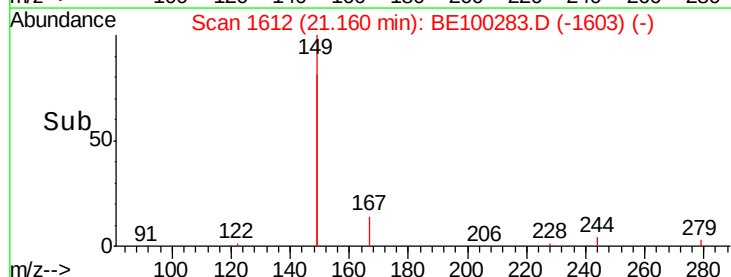
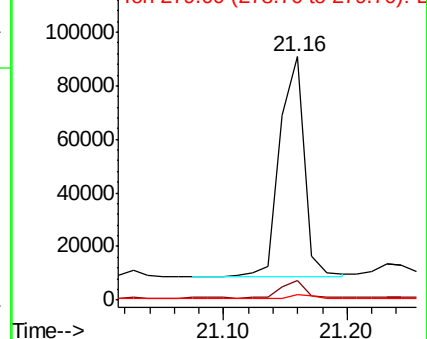


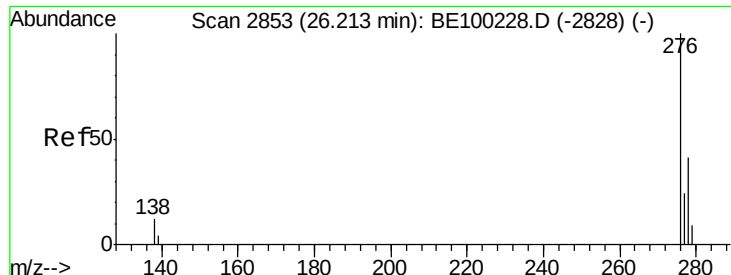
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 3.388 ng

RT: 26.25 min Scan# 2862

Delta R.T. 0.04 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW114-061819

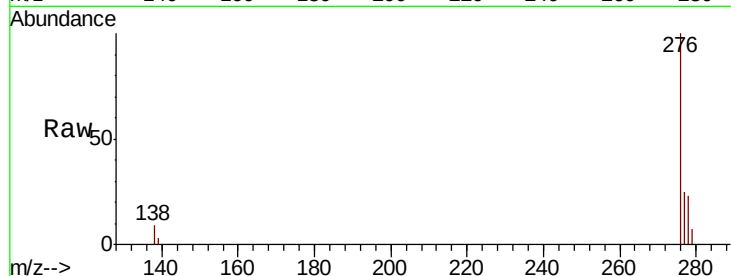
Tgt Ion: 276 Resp: 153905

Ion Ratio Lower Upper

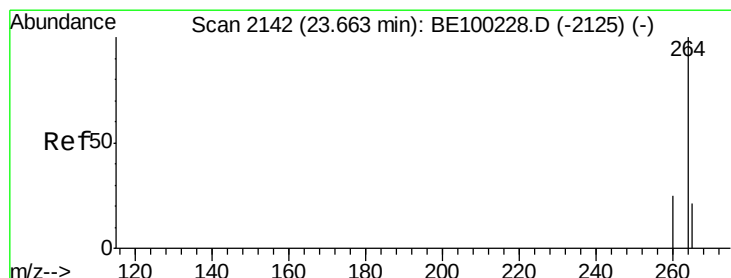
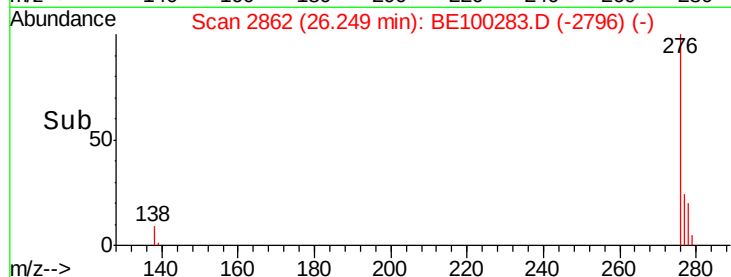
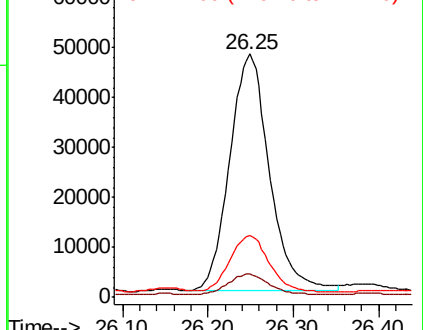
276 100

138 8.4 9.4 14.0#

277 23.4 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.68 min Scan# 2147

Delta R.T. 0.02 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

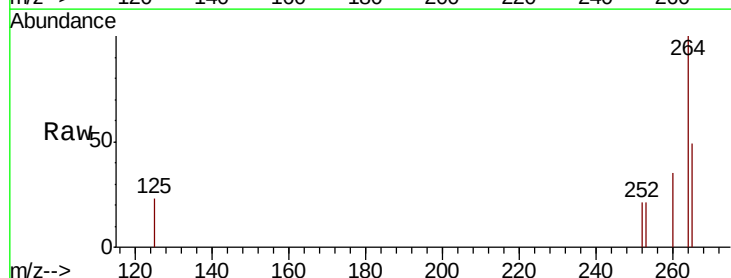
Tgt Ion: 264 Resp: 12001

Ion Ratio Lower Upper

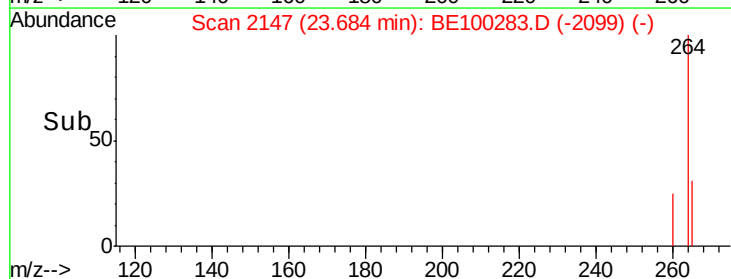
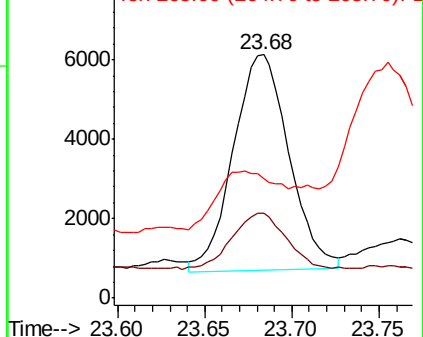
264 100

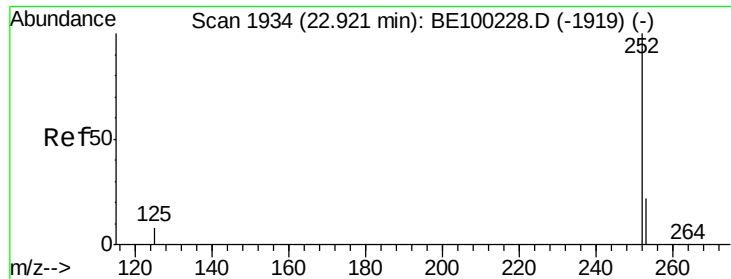
260 34.9 20.8 31.2#

265 49.2 21.8 32.6#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

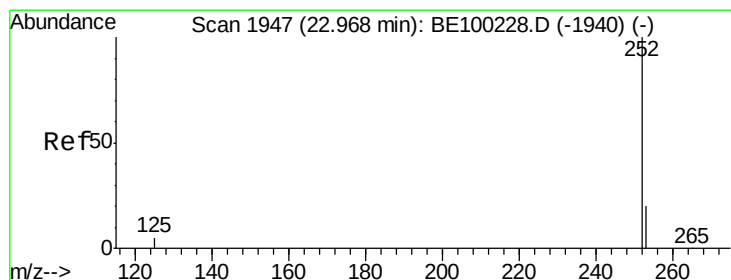
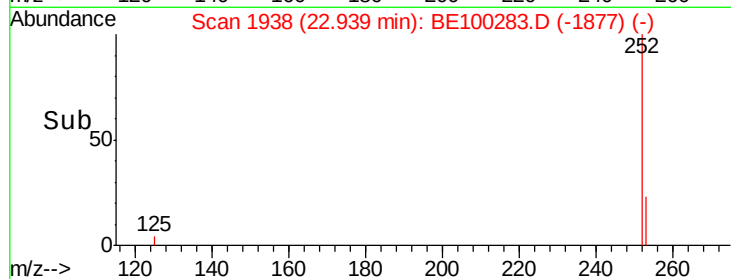
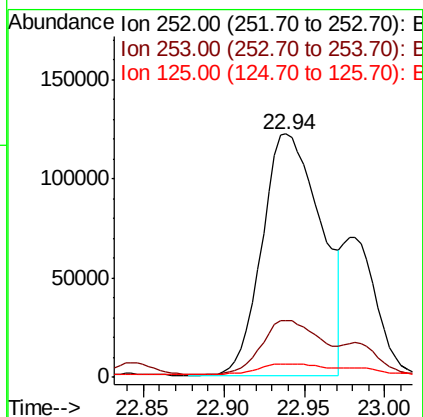
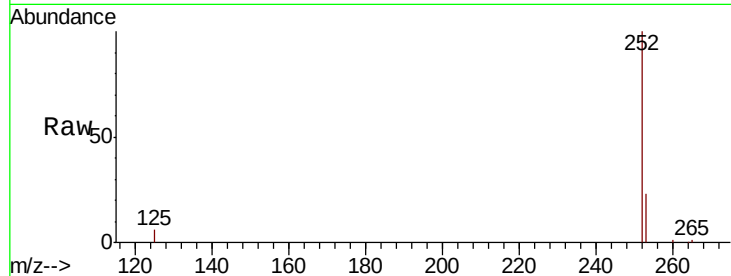




#35
Benzo(b)fluoranthene
Concen: 9.532 ng
RT: 22.94 min Scan# 1938
Delta R.T. 0.02 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

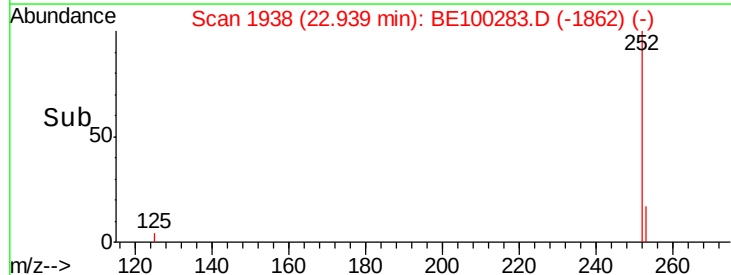
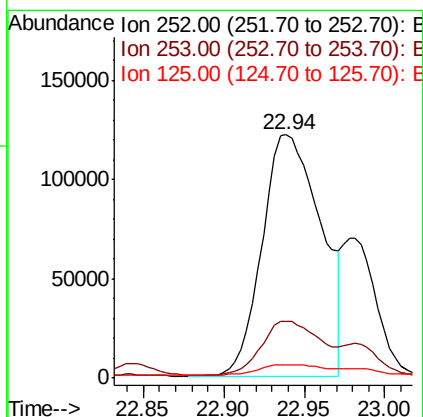
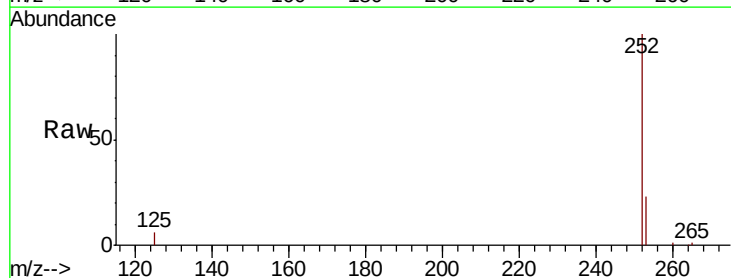
Instrument :
BNA_E
ClientSampleId :
EXT-008-SW114-061819

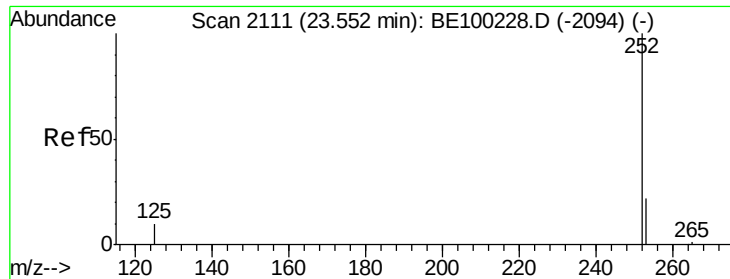
Tgt Ion: 252 Resp: 310144
Ion Ratio Lower Upper
252 100
253 23.5 19.2 28.8
125 5.6 7.4 11.0#



#36
Benzo(k)fluoranthene
Concen: 8.539 ng
RT: 22.94 min Scan# 1938
Delta R.T. -0.03 min
Lab File: BE100283.D
Acq: 2 Jul 2019 2:56

Tgt Ion: 252 Resp: 310144
Ion Ratio Lower Upper
252 100
253 23.5 17.9 26.9
125 5.6 5.0 7.4





#37

Benzo(a)pyrene

Concen: 1.486 ng

RT: 23.73 min Scan# 2161

Delta R.T. 0.18 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW114-061819

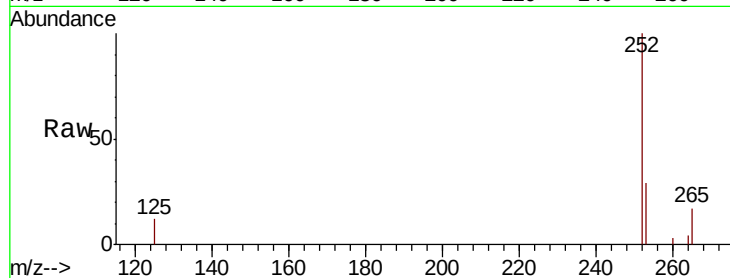
Tgt Ion:252 Resp: 48464

Ion Ratio Lower Upper

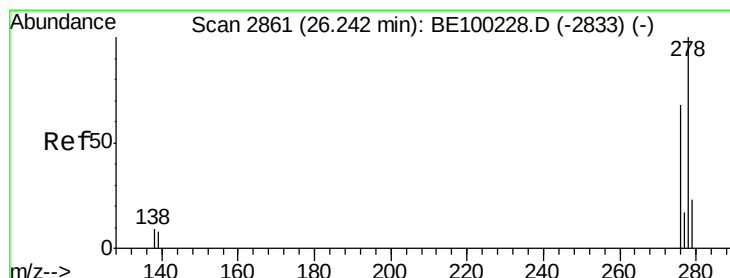
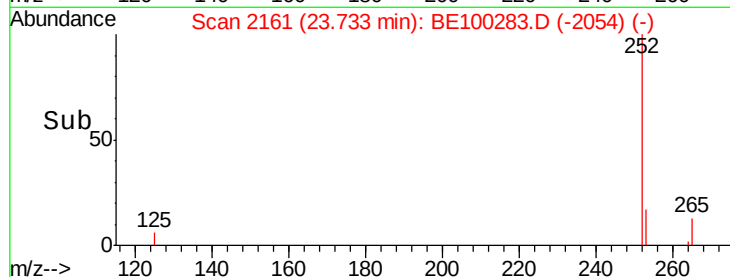
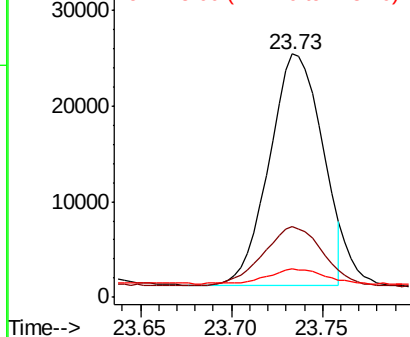
252 100

253 28.9 19.6 29.4

125 11.6 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: 1.191 ng

RT: 26.26 min Scan# 2865

Delta R.T. 0.02 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

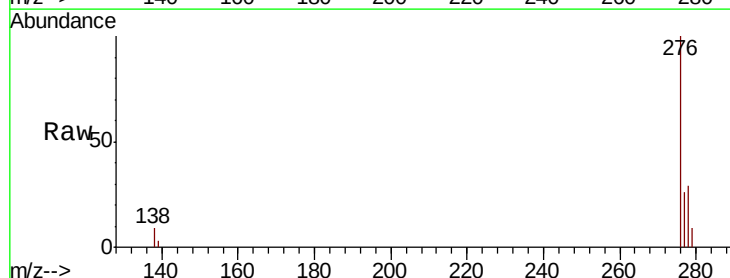
Tgt Ion:278 Resp: 40548

Ion Ratio Lower Upper

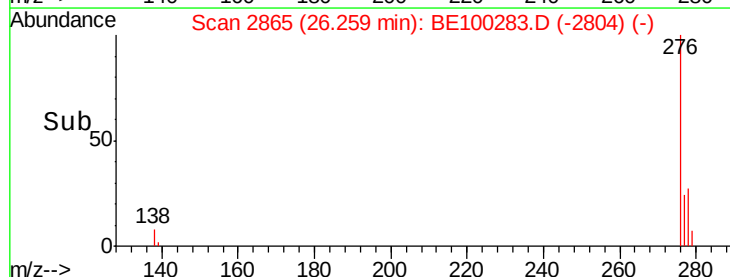
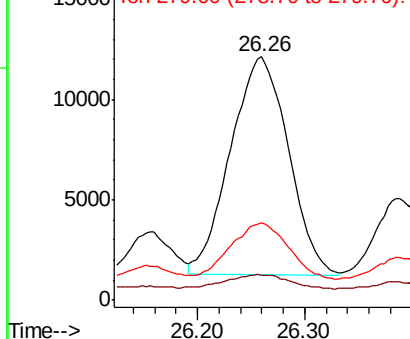
278 100

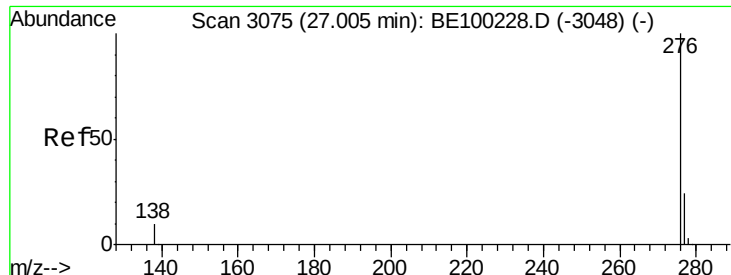
139 10.4 8.2 12.2

279 31.6 20.3 30.5#



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(g,h,i)perylene

Concen: 4.469 ng

RT: 27.04 min Scan# 3085

Delta R.T. 0.04 min

Lab File: BE100283.D

Acq: 2 Jul 2019 2:56

Instrument :

BNA_E

ClientSampleId :

EXT-008-SW114-061819

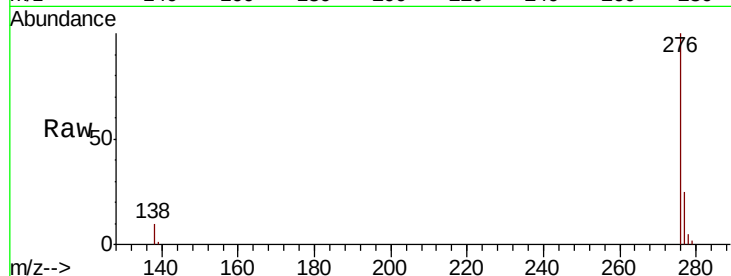
Tgt Ion: 276 Resp: 156357

Ion Ratio Lower Upper

276 100

277 25.4 20.2 30.2

138 9.7 9.0 13.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

