

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
 Data File : BE100242.D
 Acq On : 28 Jun 2019 19:39
 Operator : JU/SJ
 Sample : K3428-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW166-061319

Quant Time: Jun 29 00:01:34 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	801	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	2728	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	2429	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6677	0.40	ng	0.00
27) Chrysene-d12	21.26	240	11950	0.40	ng	0.01
34) Perylene-d12	23.68	264	16000	0.40	ng	0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	480	0.23	ng	0.00
5) Phenol-d6	6.81	99	664	0.25	ng	-0.02
8) Nitrobenzene-d5	8.81	82	724	0.27	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1972	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	464	0.27	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	2034	0.21	ng	-0.01
25) Fluoranthene-d10	19.10	212	33826	0.35	ng	0.00
29) Terphenyl-d14	19.70	244	6628	0.27	ng	0.00

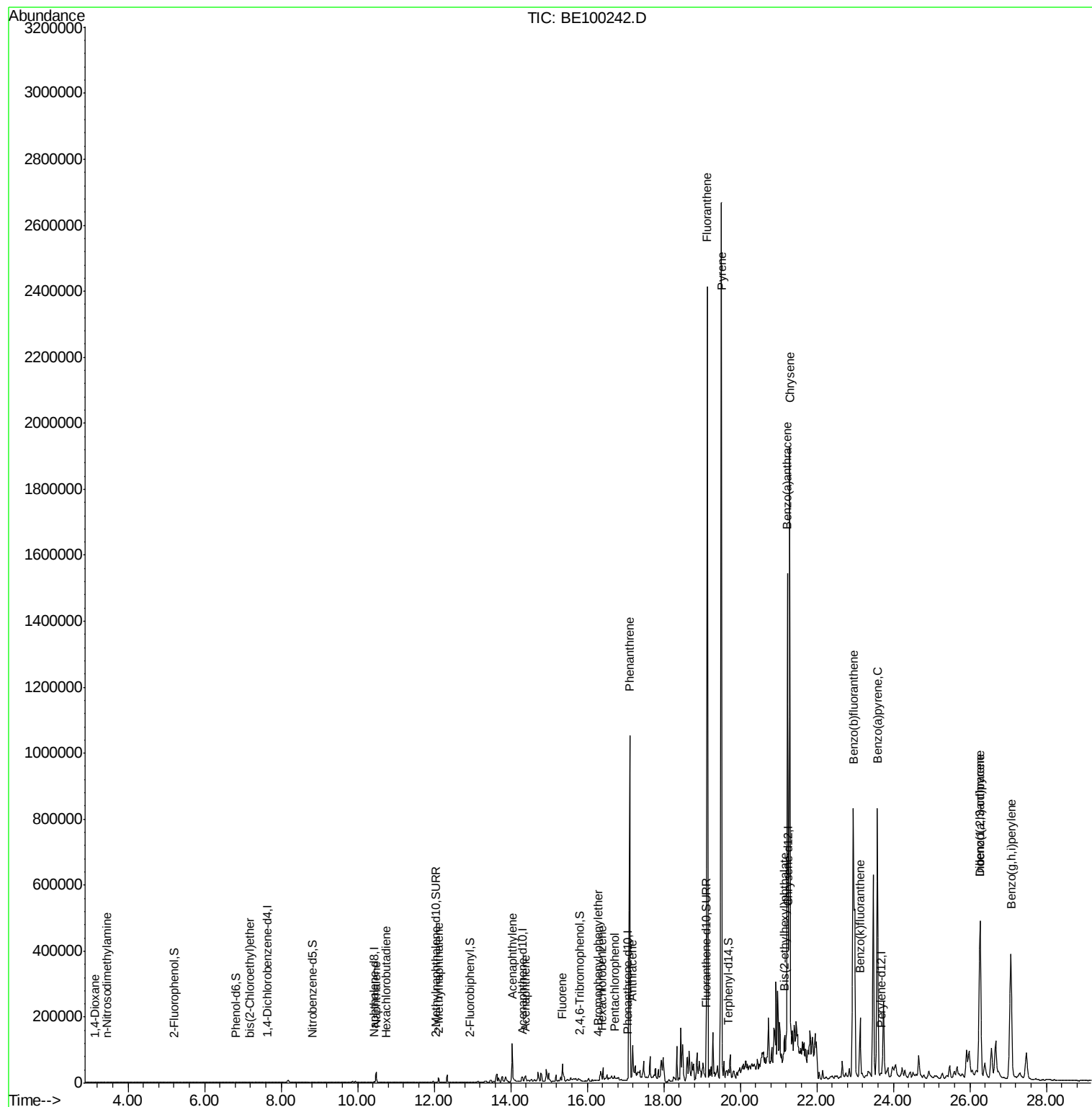
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	8	0.006	ng	# 32
3) n-Nitrosodimethylamine	3.45	42	21	0.036	ng	# 1
6) bis(2-Chloroethyl)ether	7.18	93	13	0.006	ng	# 1
9) Naphthalene	10.49	128	52844	1.756	ng	# 97
10) Hexachlorobutadiene	10.73	225	1	0.000	ng	# 1
12) 2-Methylnaphthalene	12.11	142	9562	1.811	ng	98
16) Acenaphthylene	14.04	152	152893	13.117	ng	99
17) Acenaphthene	14.38	154	10467	1.585	ng	98
18) Fluorene	15.35	166	43159	4.418	ng	# 89
20) 4-Bromophenyl-phenylether	16.29	248	19	0.004	ng	# 1
21) Hexachlorobenzene	16.37	284	14	0.003	ng	# 1
22) Pentachlorophenol	16.72	266	121	0.091	ng	# 91
23) Phenanthrene	17.11	178	1029808	63.635	ng	99
24) Anthracene	17.19	178	162207	11.130	ng	# 96
26) Fluoranthene	19.14	202	2318928	89.962	ng	97
28) Pyrene	19.51	202	2609216	82.471	ng	95
30) Benzo(a)anthracene	21.23	228	1411161	35.915	ng	94
31) Chrysene	21.29	228	1626418	41.222	ng	95
32) Bis(2-ethylhexyl)phthalate	21.16	149	40808	0.677	ng	97
33) Indeno(1,2,3-cd)pyrene	26.27	276	948869	18.183	ng	# 96
35) Benzo(b)fluoranthene	22.95	252	1610806	37.133	ng	# 95
36) Benzo(k)fluoranthene	23.13	252	255037	5.267	ng	92
37) Benzo(a)pyrene	23.58	252	1329214	30.573	ng	# 92
38) Dibenzo(a,h)anthracene	26.27	278	244026	5.374	ng	# 91
39) Benzo(g,h,i)perylene	27.07	276	1021885	21.907	ng	# 96

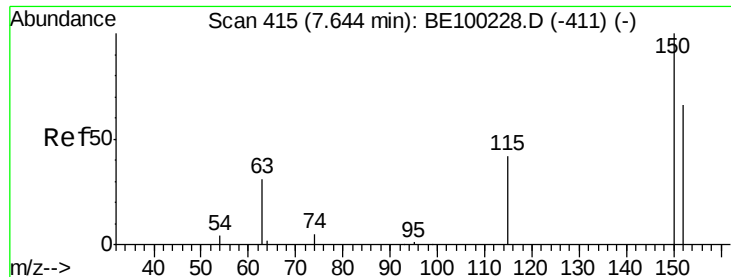
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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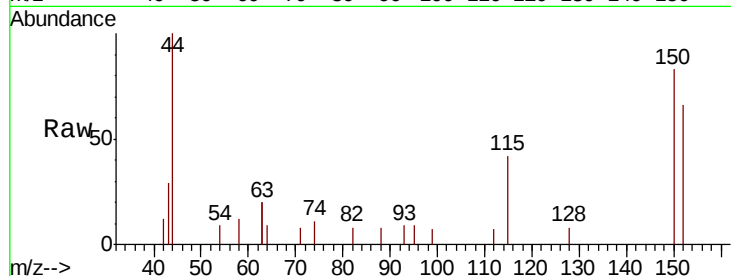


#1

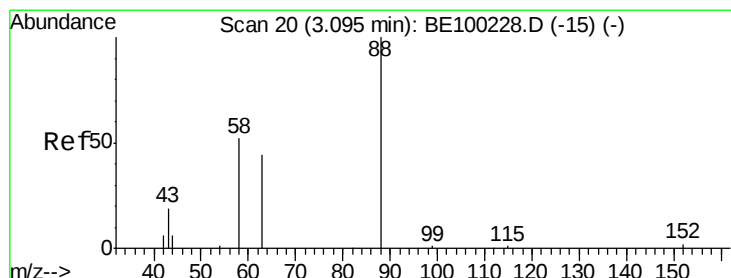
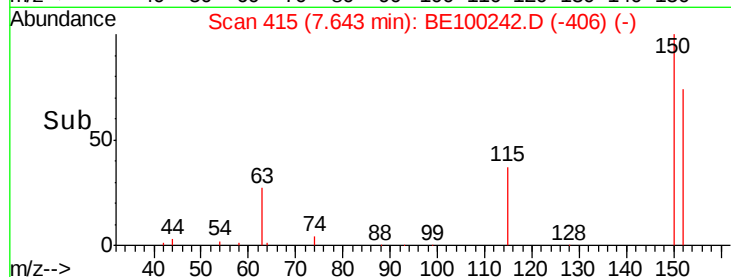
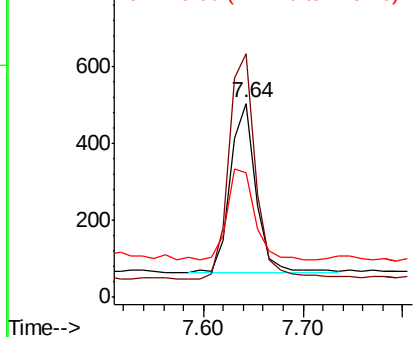
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100242.D
Acq: 28 Jun 2019 19:39

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW166-061319

Tgt Ion: 152 Resp: 801
Ion Ratio Lower Upper
152 100
150 125.6 114.5 171.7
115 64.5 57.1 85.7



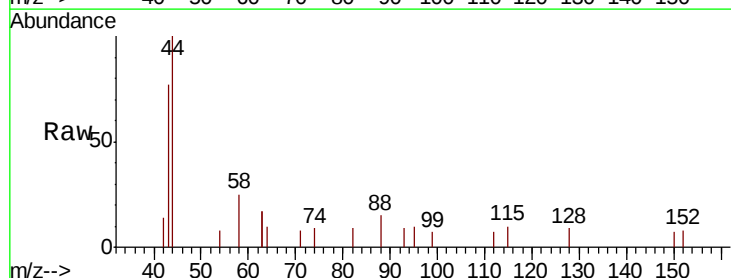
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



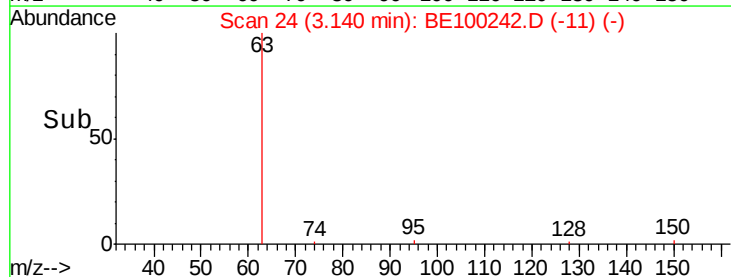
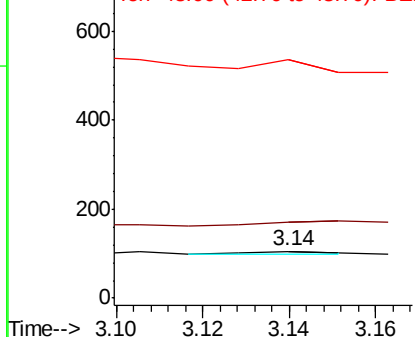
#2

1,4-Dioxane
Concen: 0.006 ng
RT: 3.14 min Scan# 24
Delta R.T. 0.05 min
Lab File: BE100242.D
Acq: 28 Jun 2019 19:39

Tgt Ion: 88 Resp: 8
Ion Ratio Lower Upper
88 100
58 0.0 43.6 65.4#
43 0.0 21.4 32.0#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.036 ng

RT: 3.45 min Scan# 51

Delta R.T. -0.01 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW166-061319

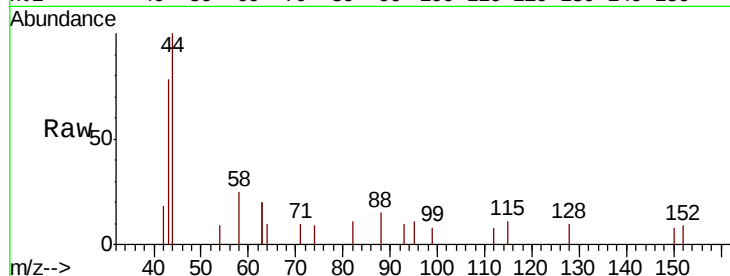
Tgt Ion: 42 Resp: 21

Ion Ratio Lower Upper

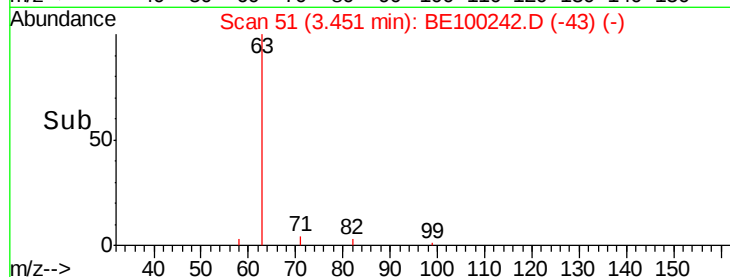
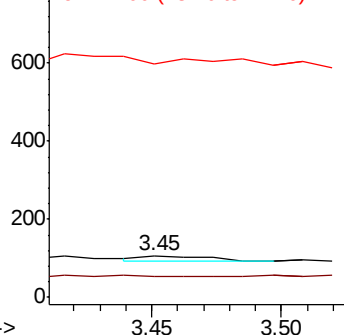
42 100

74 0.0 130.6 196.0#

44 0.0 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: 0.235 ng

RT: 5.21 min Scan# 204

Delta R.T. -0.00 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

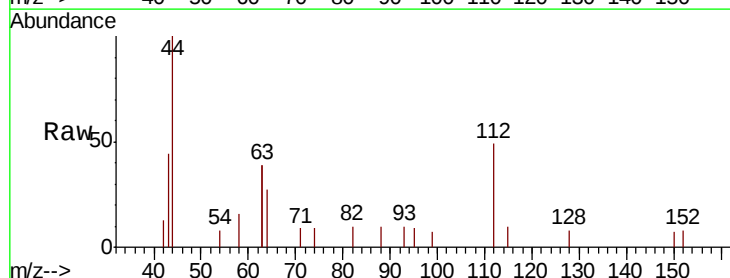
Tgt Ion: 112 Resp: 480

Ion Ratio Lower Upper

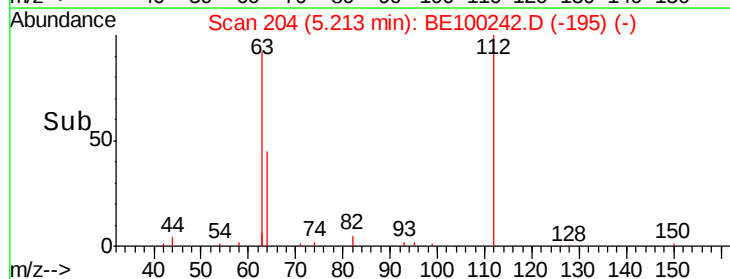
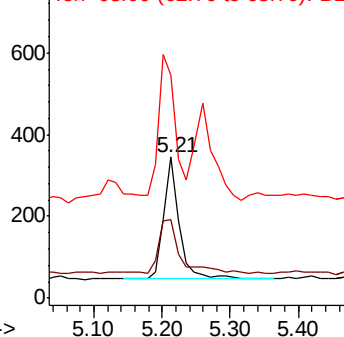
112 100

64 64.8 39.4 59.0#

63 122.9 104.5 156.7



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: 0.247 ng

RT: 6.81 min Scan# 343

Delta R.T. -0.02 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW166-061319

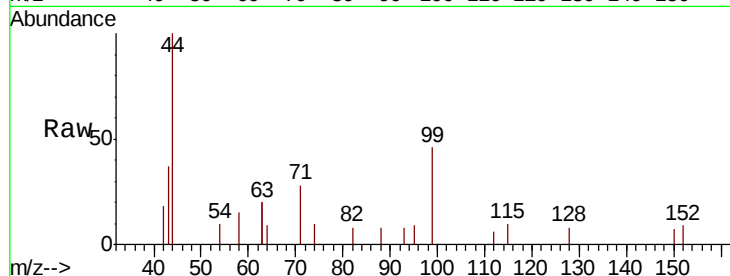
Tgt Ion: 99 Resp: 664

Ion Ratio Lower Upper

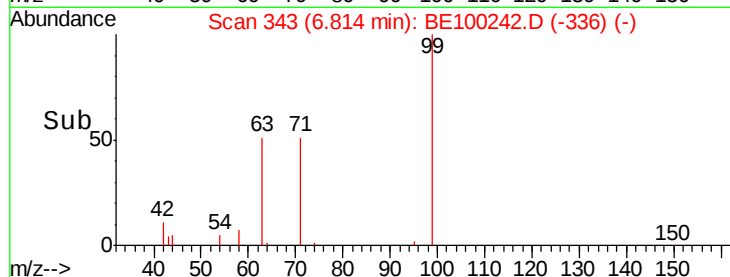
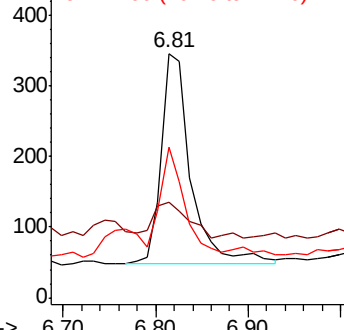
99 100

42 16.0 11.2 16.8

71 37.7 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: 0.006 ng

RT: 7.18 min Scan# 375

Delta R.T. 0.09 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

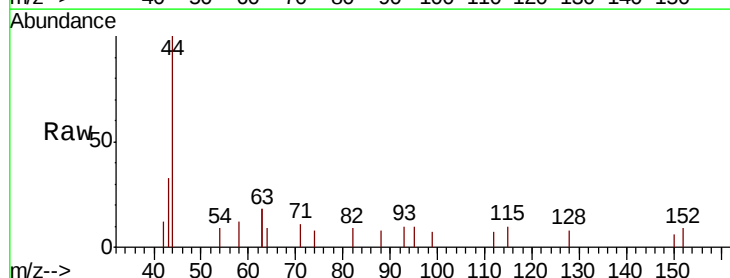
Tgt Ion: 93 Resp: 13

Ion Ratio Lower Upper

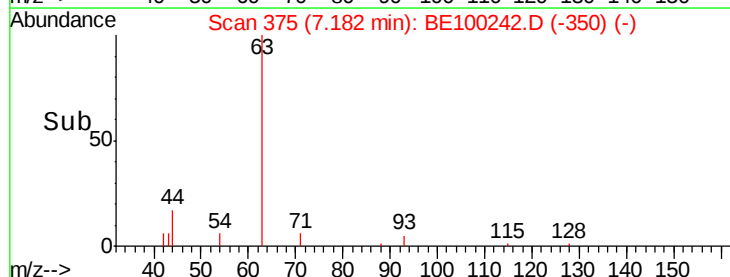
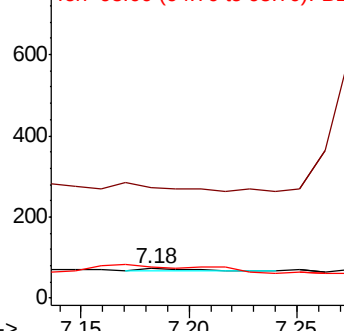
93 100

63 253.8 155.6 233.4#

95 576.9 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: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW166-061319

Tgt Ion: 136 Resp: 2728

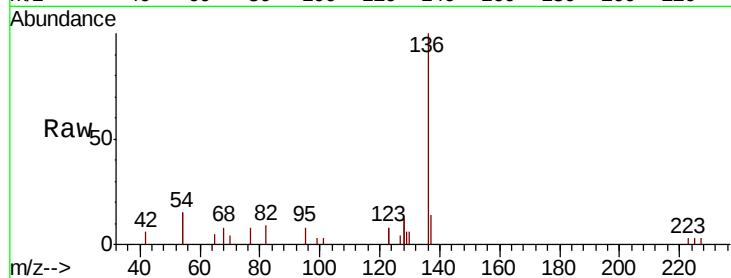
Ion Ratio Lower Upper

136 100

137 13.8 11.8 17.8

54 29.6 27.7 41.5

68 7.8 6.8 10.2

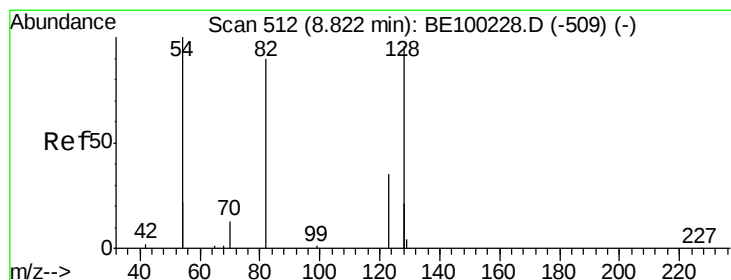
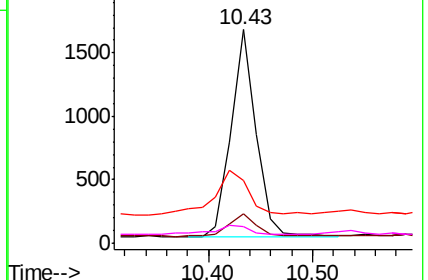
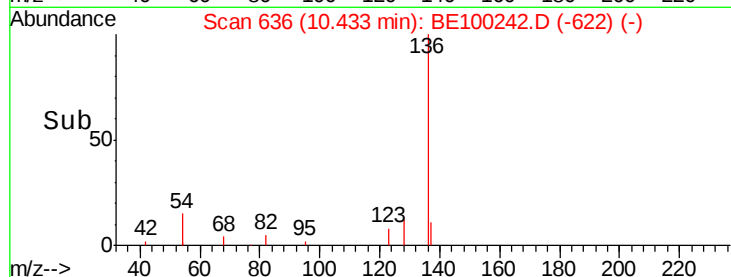


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.267 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

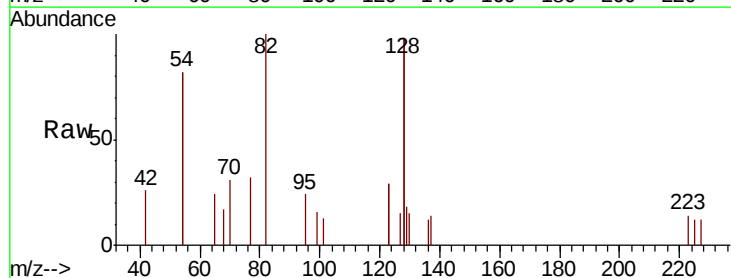
Tgt Ion: 82 Resp: 724

Ion Ratio Lower Upper

82 100

128 196.4 140.9 211.3

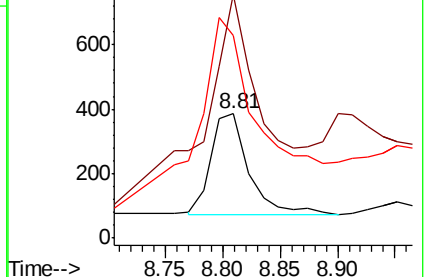
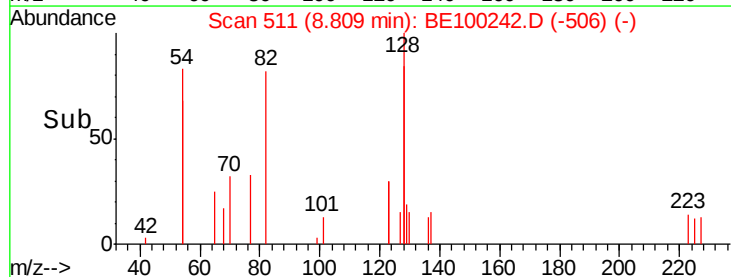
54 163.6 146.2 219.2



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1.756 ng

RT: 10.49 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

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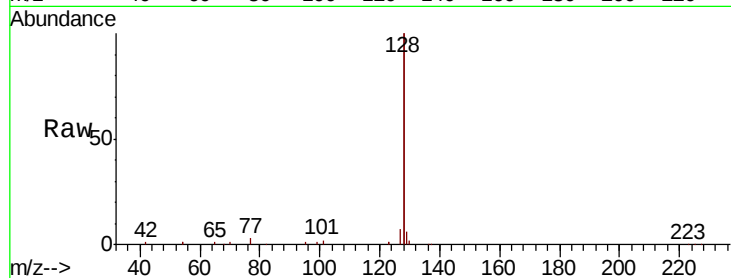
Tgt Ion:128 Resp: 52844

Ion Ratio Lower Upper

128 100

129 3.1 3.0 4.6

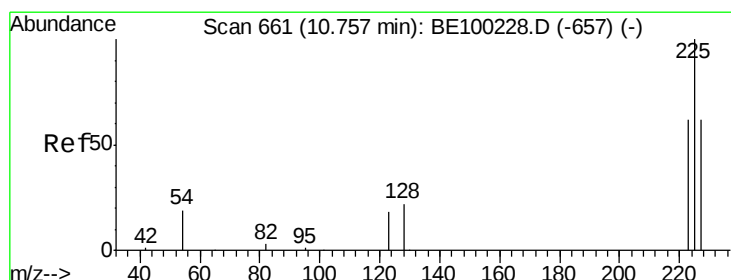
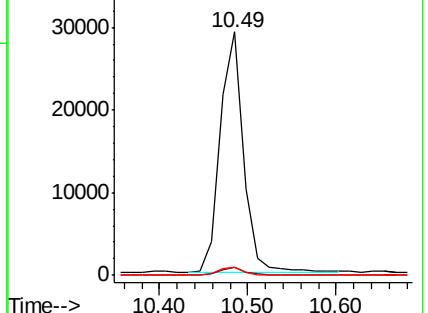
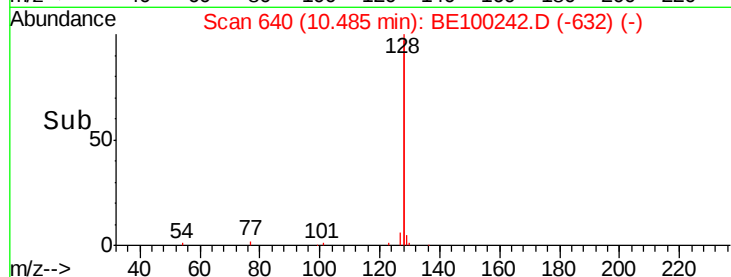
127 3.4 3.5 5.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.000 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.03 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

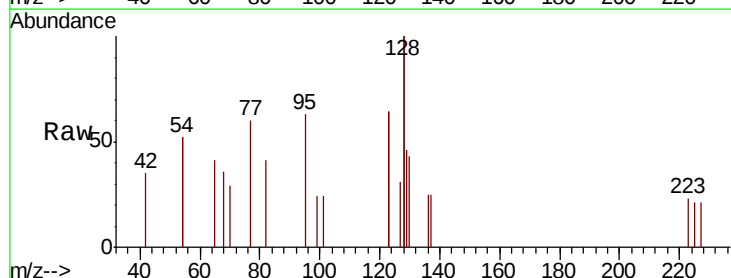
Tgt Ion:225 Resp: 1

Ion Ratio Lower Upper

225 100

223 0.0 49.1 73.7#

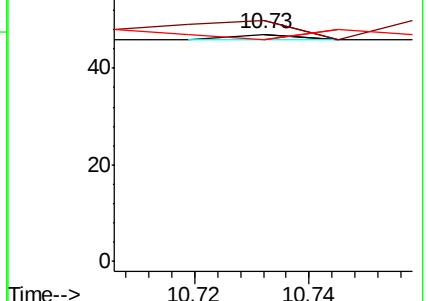
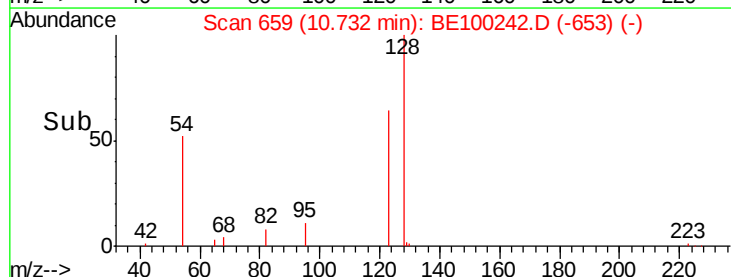
227 500.0 49.3 73.9#

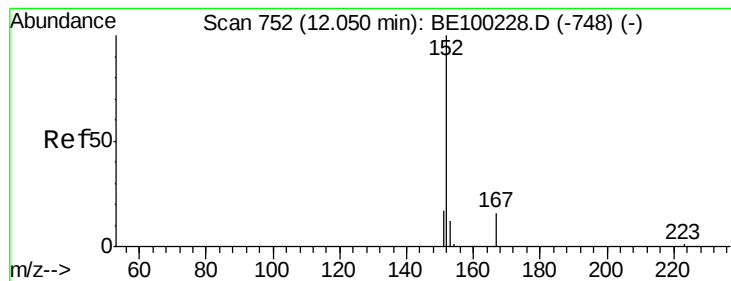


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

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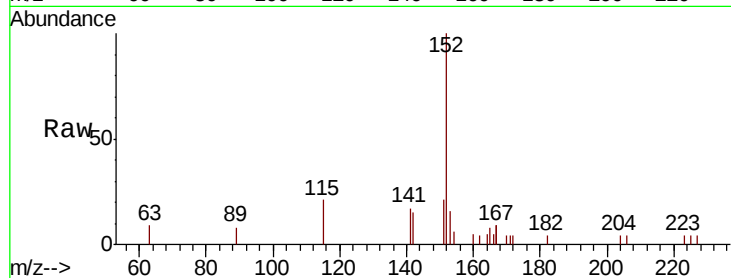
EXT-013-SW166-061319

Tgt Ion:152 Resp: 1972

Ion Ratio Lower Upper

152 100

151 19.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

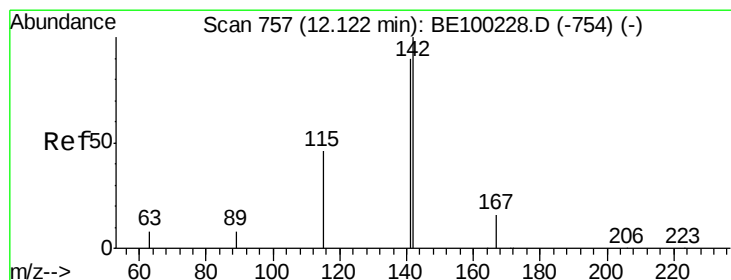
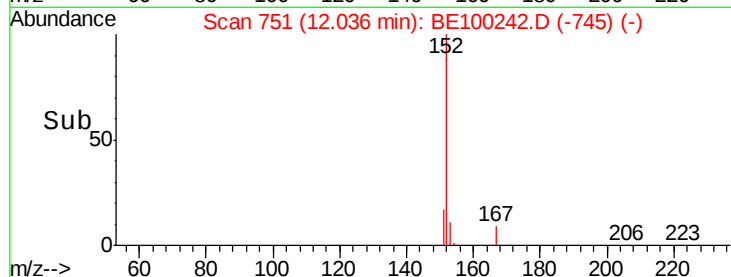
12.04

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 1.811 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

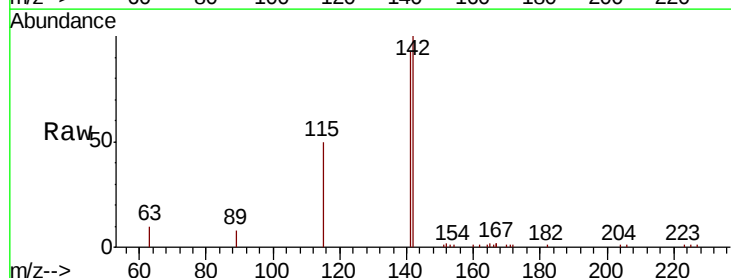
Tgt Ion:142 Resp: 9562

Ion Ratio Lower Upper

142 100

141 93.2 72.4 108.6

115 50.3 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

8000

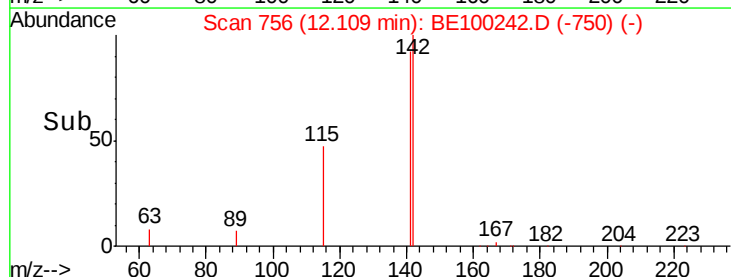
6000

4000

2000

0

Time-->

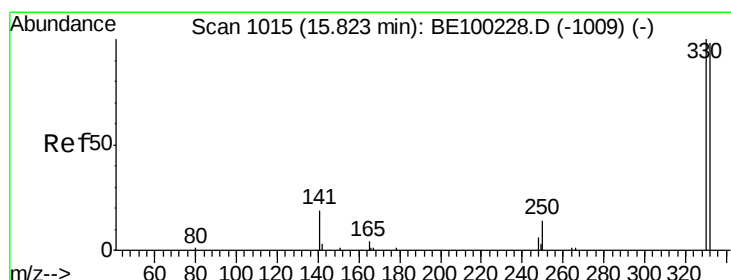
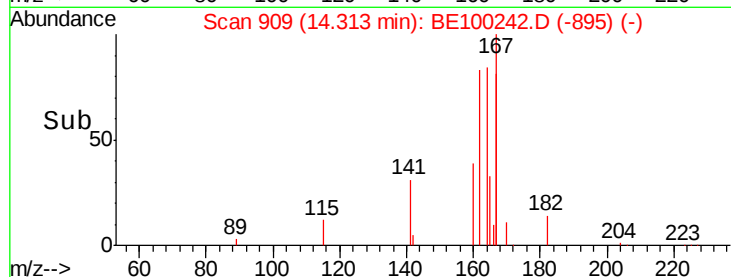
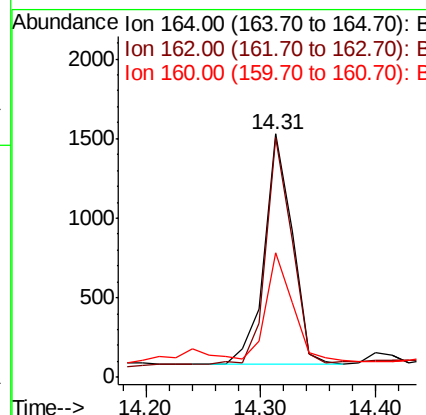
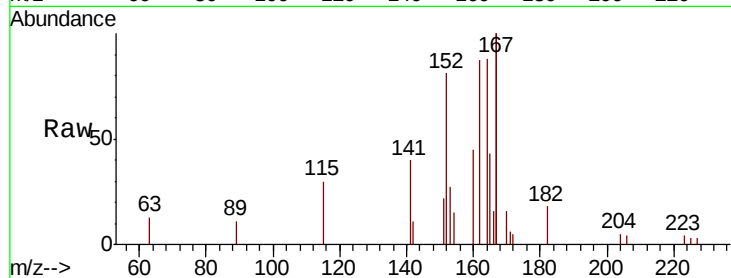




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100242.D
Acq: 28 Jun 2019 19:39

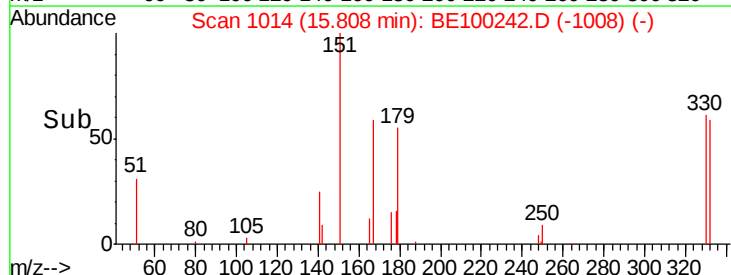
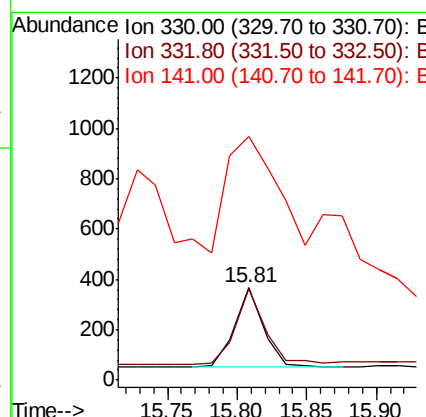
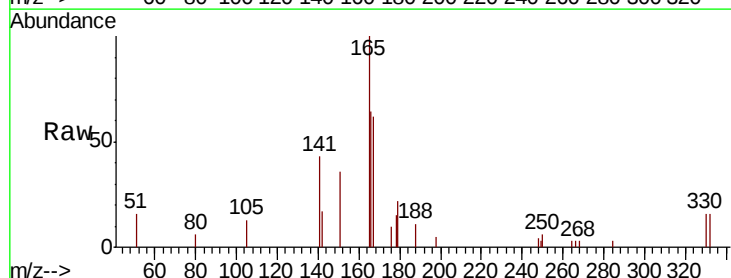
Instrument :
BNA_E
ClientSampleId :
EXT-013-SW166-061319

Tgt Ion:164 Resp: 2429
Ion Ratio Lower Upper
164 100
162 98.4 83.4 125.0
160 51.1 45.0 67.6



#14
2,4,6-Tribromophenol
Concen: 0.273 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100242.D
Acq: 28 Jun 2019 19:39

Tgt Ion:330 Resp: 464
Ion Ratio Lower Upper
330 100
332 92.9 77.0 115.4
141 245.5 22.0 33.0#

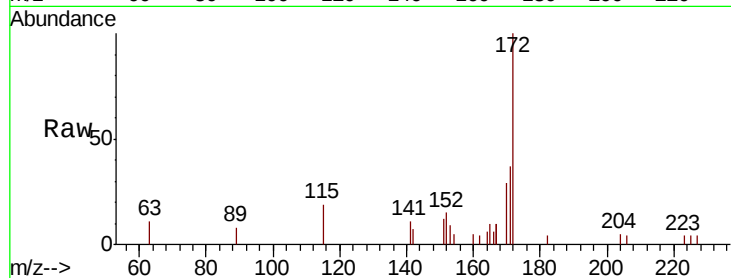




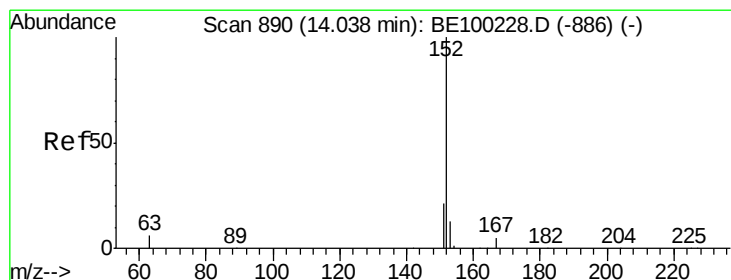
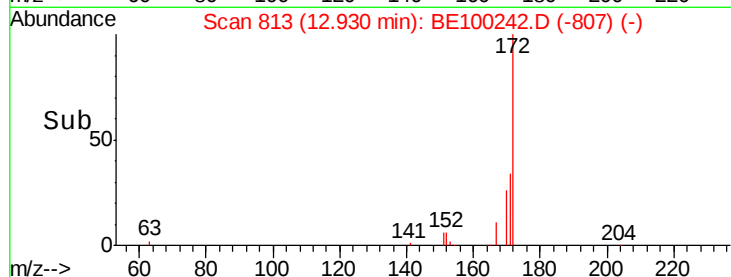
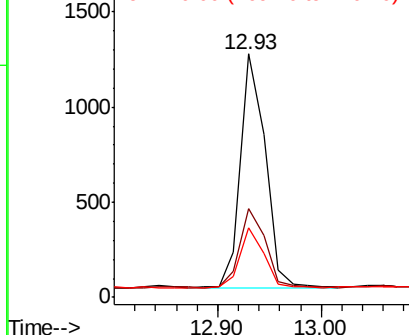
#15
2-Fluorobiphenyl
Concen: 0.215 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100242.D
Acq: 28 Jun 2019 19:39

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW166-061319

Tgt Ion:172 Resp: 2034
Ion Ratio Lower Upper
172 100
171 36.6 31.9 47.9
170 28.7 22.2 33.2

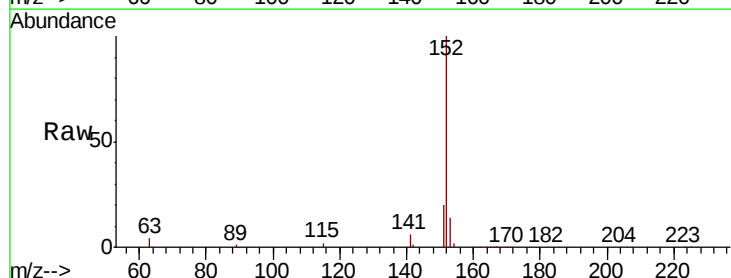


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

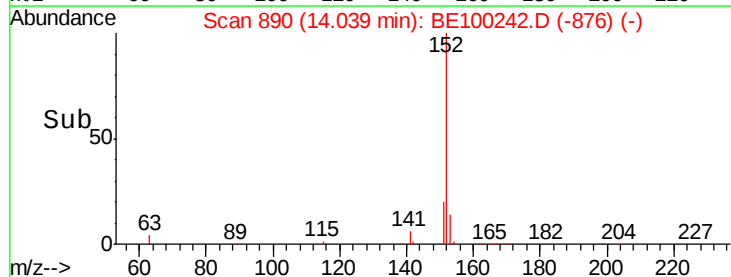
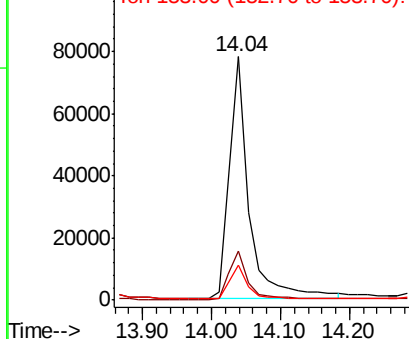


#16
Acenaphthylene
Concen: 13.117 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100242.D
Acq: 28 Jun 2019 19:39

Tgt Ion:152 Resp: 152893
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0
153 13.4 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

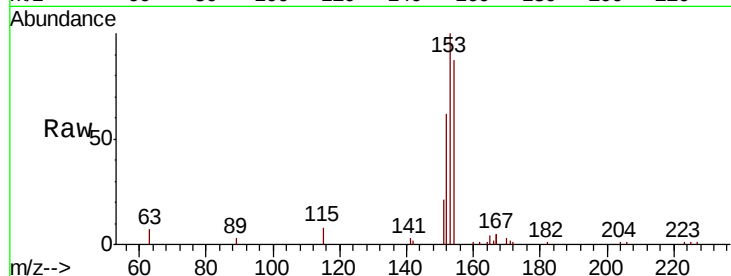




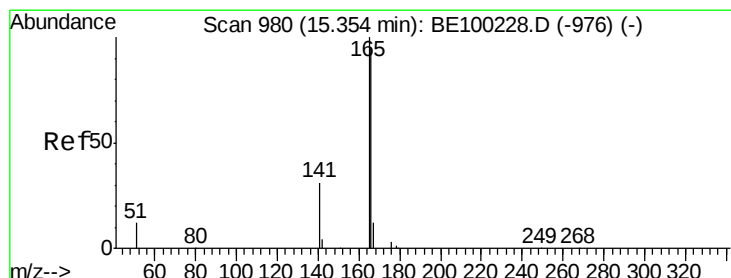
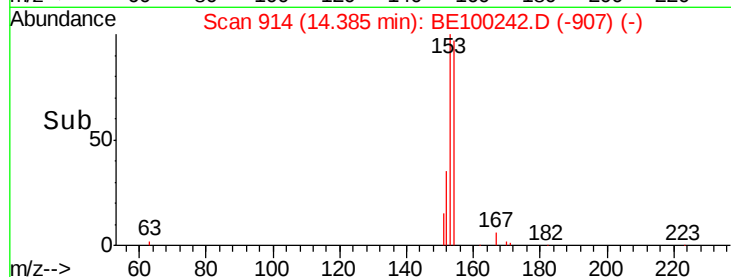
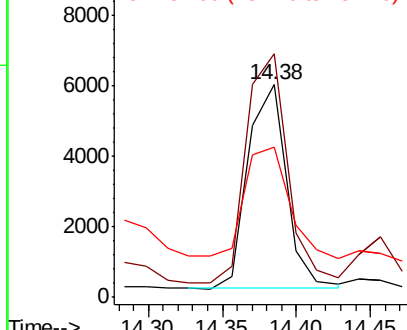
#17
Acenaphthene
Concen: 1.585 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100242.D
Acq: 28 Jun 2019 19:39

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW166-061319

Tgt Ion:154 Resp: 10467
Ion Ratio Lower Upper
154 100
153 120.6 93.4 140.2
152 62.2 49.4 74.2

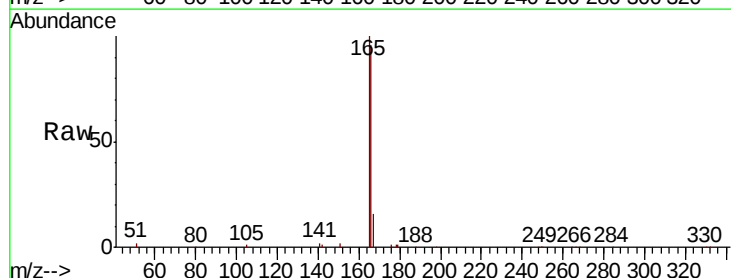


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

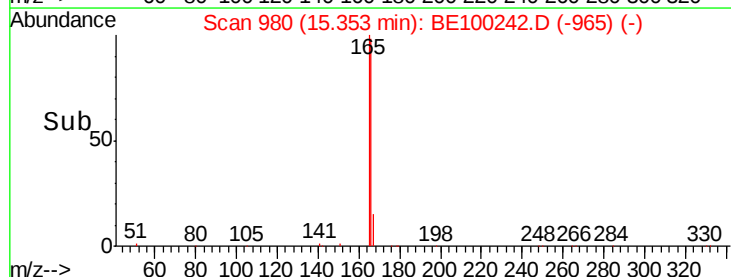
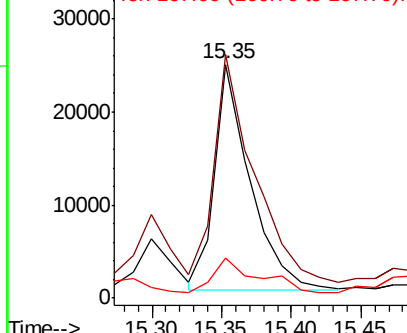


#18
Fluorene
Concen: 4.418 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100242.D
Acq: 28 Jun 2019 19:39

Tgt Ion:166 Resp: 43159
Ion Ratio Lower Upper
166 100
165 111.9 81.1 121.7
167 19.6 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: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW166-061319

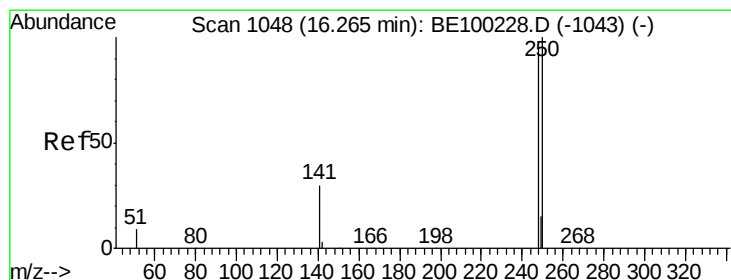
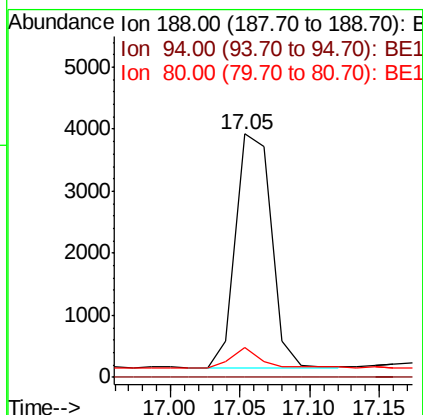
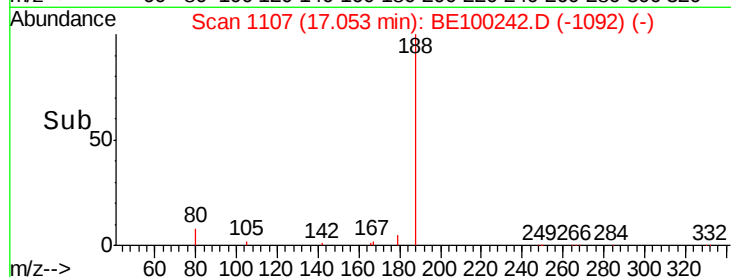
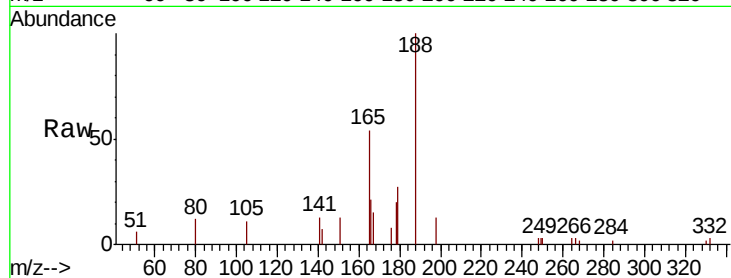
Tgt Ion:188 Resp: 6677

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 7.6 11.4#



#20

4-Bromophenyl-phenylether

Concen: 0.004 ng

RT: 16.29 min Scan# 1050

Delta R.T. 0.03 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

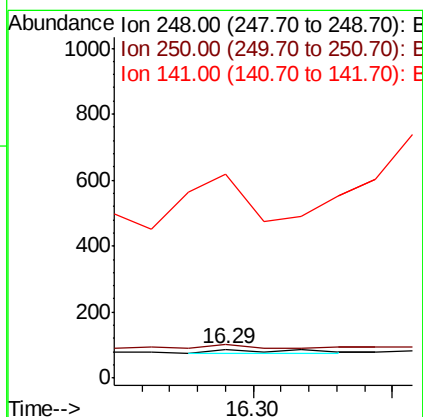
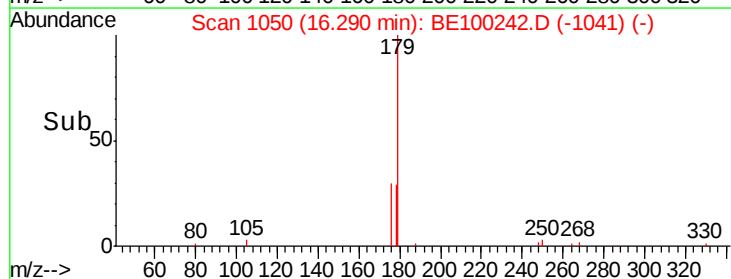
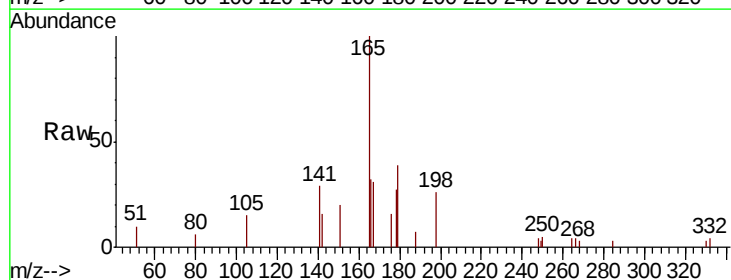
Tgt Ion:248 Resp: 19

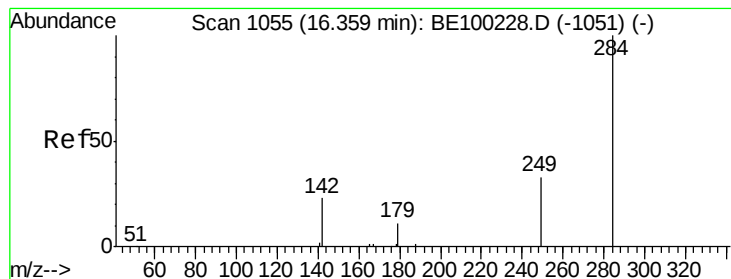
Ion Ratio Lower Upper

248 100

250 116.1 84.2 126.4

141 711.5 29.3 43.9#





#21

Hexachlorobenzene

Concen: 0.003 ng

RT: 16.37 min Scan# 1056

Delta R.T. 0.01 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

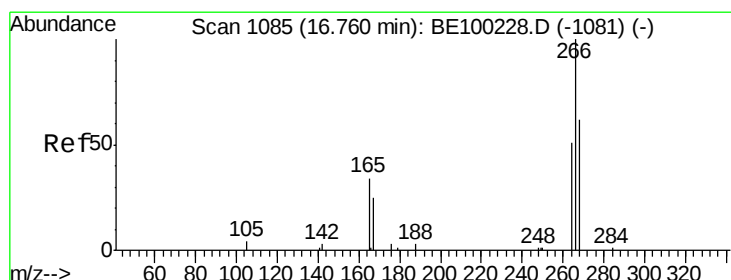
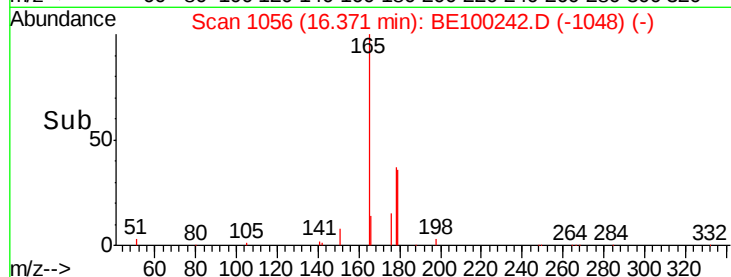
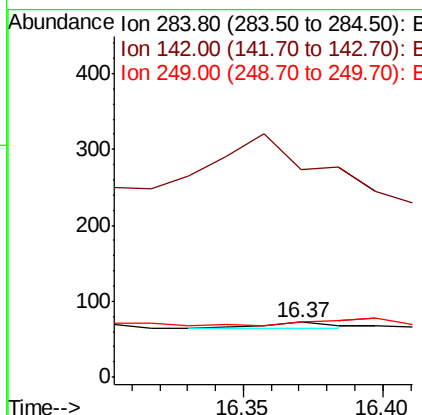
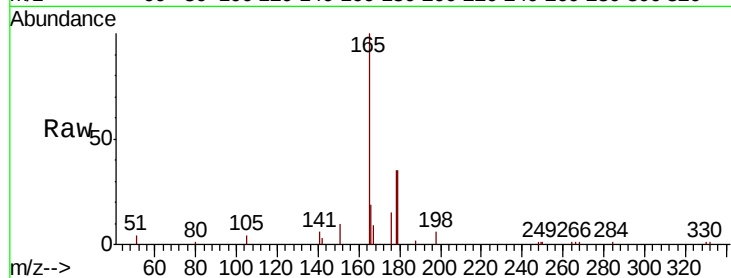
BNA_E

ClientSampleId :

EXT-013-SW166-061319

Tgt Ion:284 Resp: 14

Ion	Ratio	Lower	Upper
284	100		
142	1164.3	18.8	28.2#
249	0.0	23.7	35.5#



#22

Pentachlorophenol

Concen: 0.091 ng

RT: 16.72 min Scan# 1082

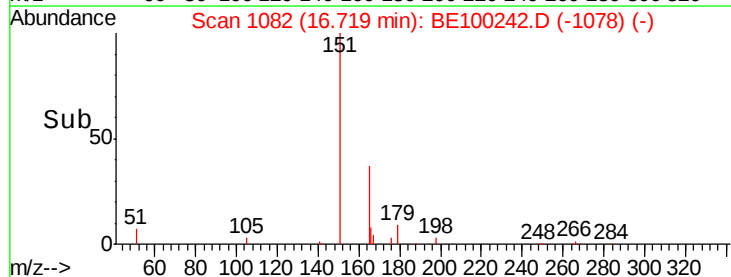
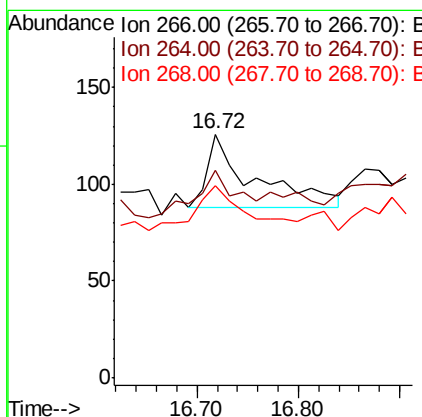
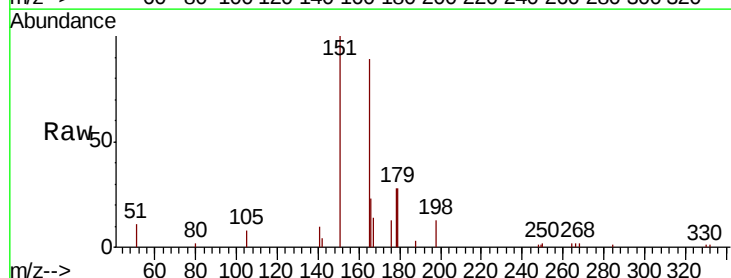
Delta R.T. -0.04 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

Tgt Ion:266 Resp: 121

Ion	Ratio	Lower	Upper
266	100		
264	84.9	56.2	84.2#
268	78.6	61.8	92.6





#23

Phenanthrene

Concen: 63.635 ng

RT: 17.11 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW166-061319

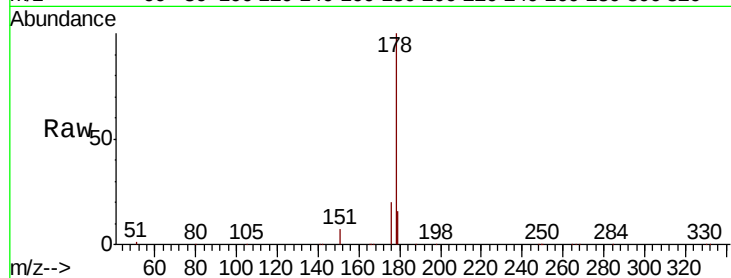
Tgt Ion:178 Resp: 1029808

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

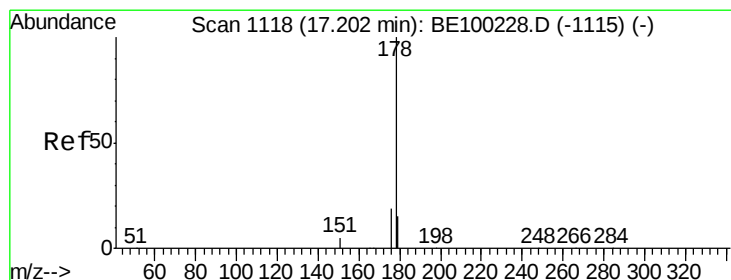
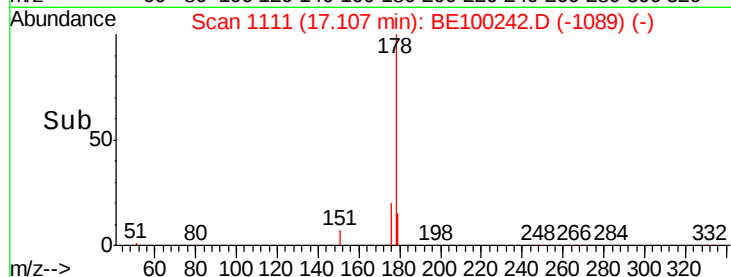
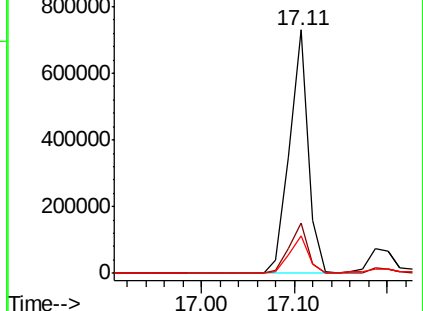
179 15.9 12.2 18.2



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: 11.130 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

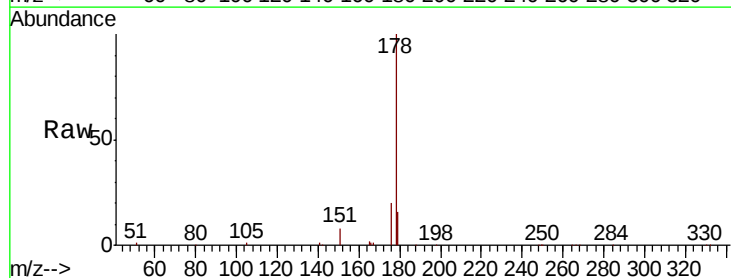
Tgt Ion:178 Resp: 162207

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

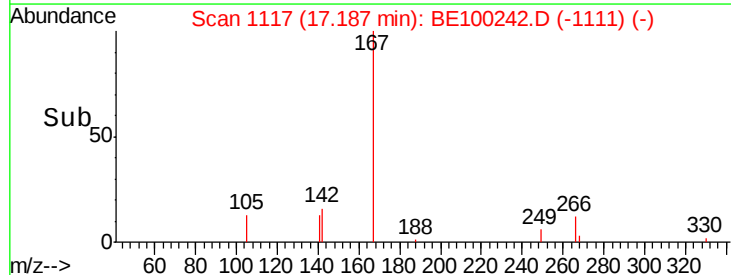
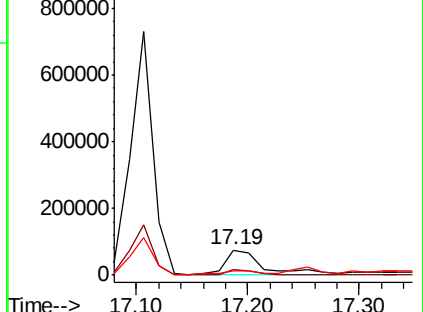
179 11.2 12.2 18.2#

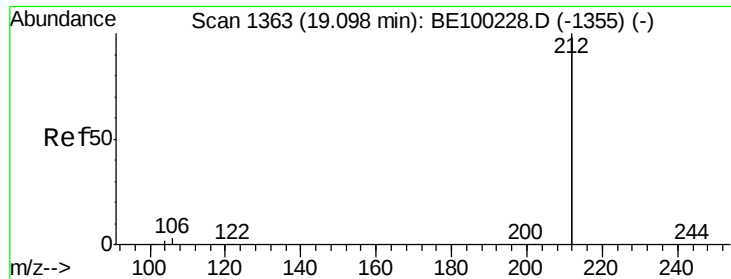


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 19.10 min Scan# 1364

Delta R.T. 0.01 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW166-061319

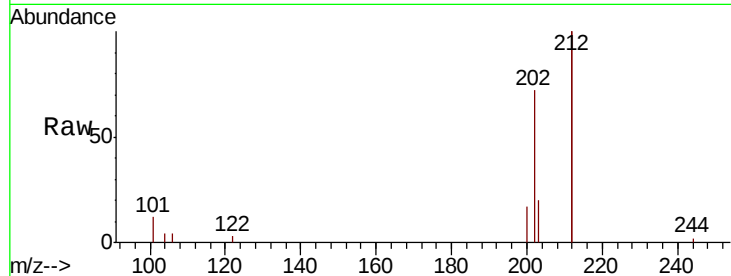
Tgt Ion:212 Resp: 33826

Ion Ratio Lower Upper

212 100

106 1.3 1.3 1.9#

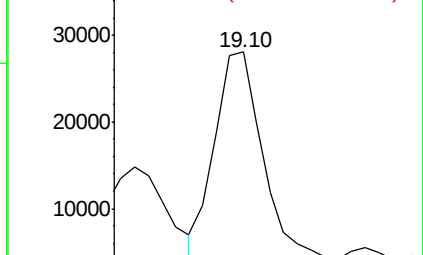
104 1.3 0.8 1.2#



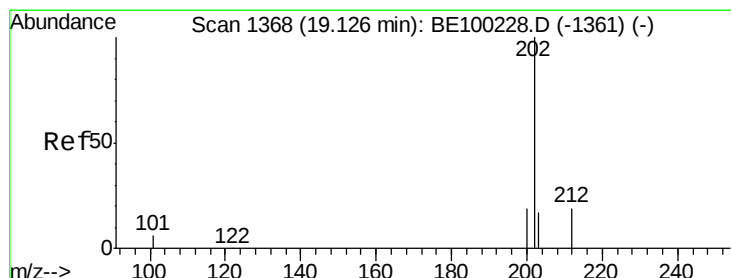
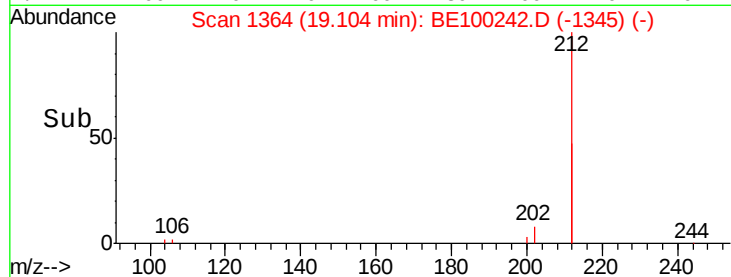
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 19.05 19.10 19.15



#26

Fluoranthene

Concen: 89.962 ng

RT: 19.14 min Scan# 1370

Delta R.T. 0.01 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

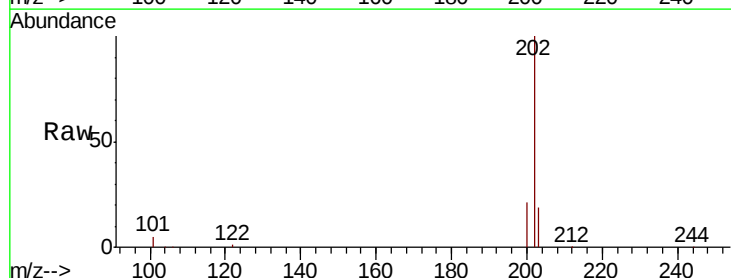
Tgt Ion:202 Resp: 2318928

Ion Ratio Lower Upper

202 100

101 4.9 4.6 7.0

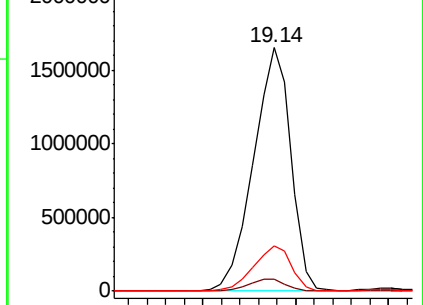
203 18.6 13.7 20.5



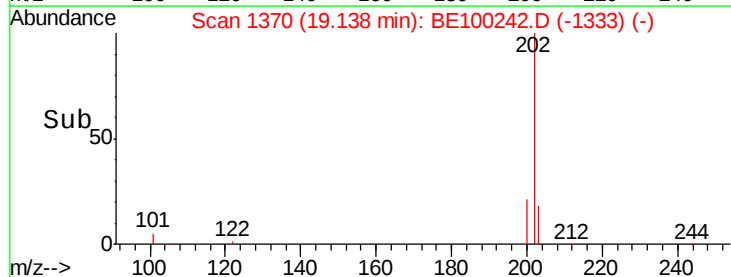
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.10 19.15





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.01 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW166-061319

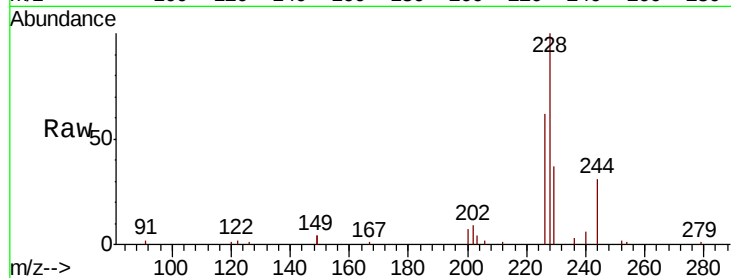
Tgt Ion:240 Resp: 11950

Ion Ratio Lower Upper

240 100

120 11.1 3.3 4.9#

236 42.3 22.6 34.0#

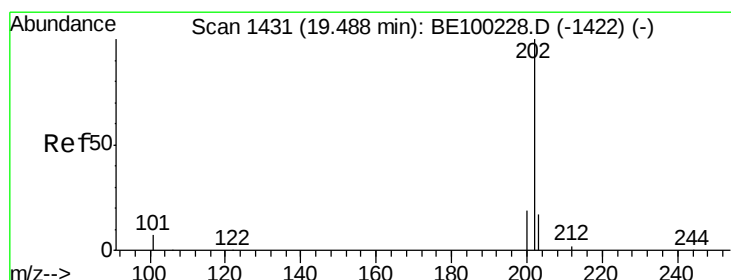
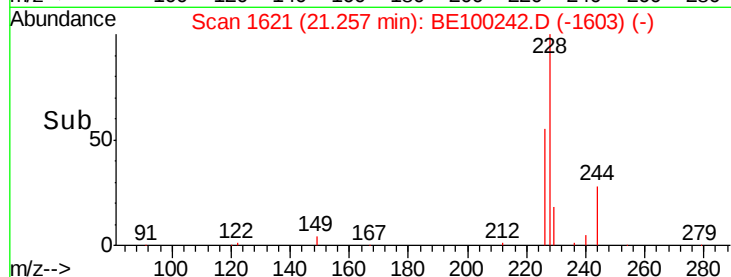
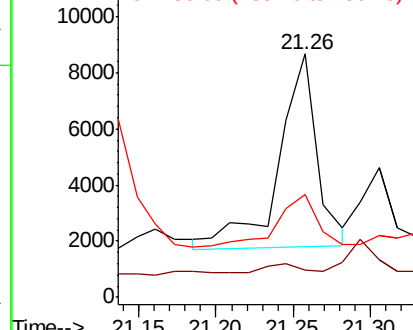


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 82.471 ng

RT: 19.51 min Scan# 1434

Delta R.T. 0.02 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

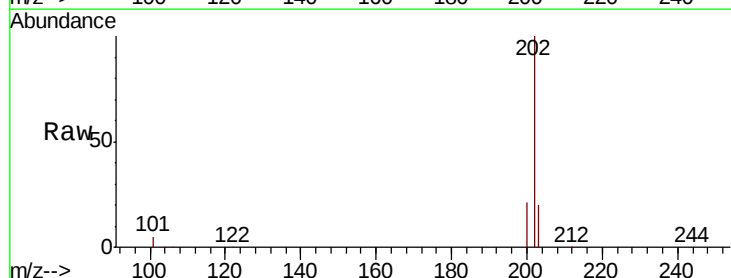
Tgt Ion:202 Resp: 2609216

Ion Ratio Lower Upper

202 100

200 21.2 15.6 23.4

203 20.8 14.0 21.0

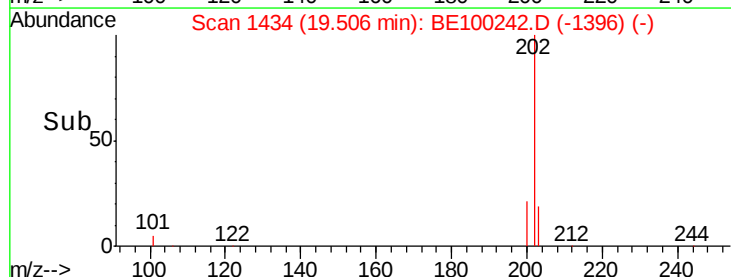
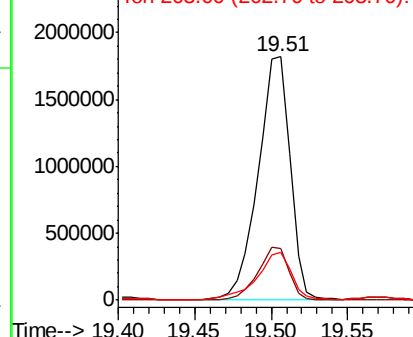


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.268 ng

RT: 19.70 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW166-061319

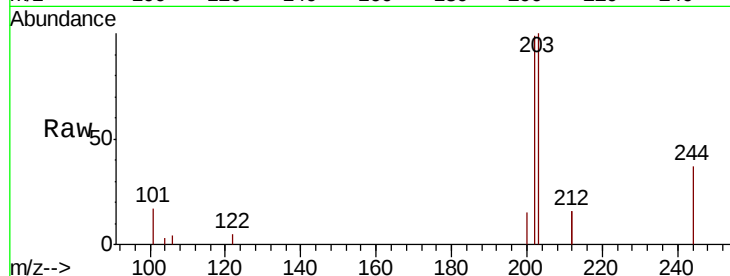
Tgt Ion:244 Resp: 6628

Ion Ratio Lower Upper

244 100

212 87.8 27.3 40.9#

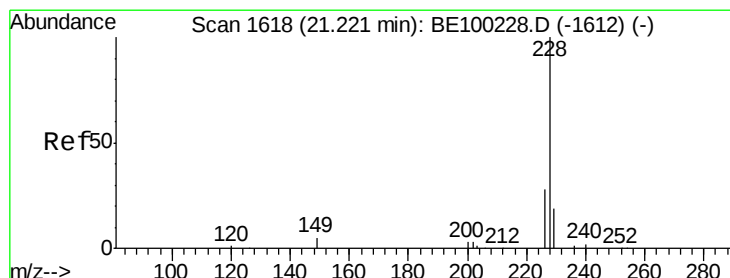
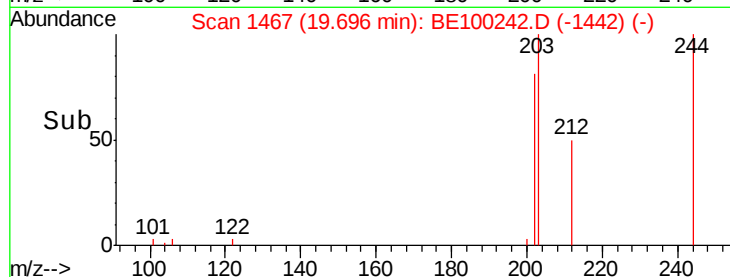
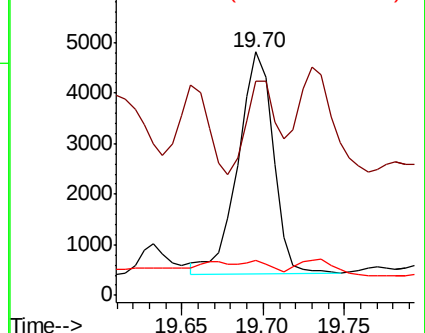
122 14.1 4.7 7.1#



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: 35.915 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

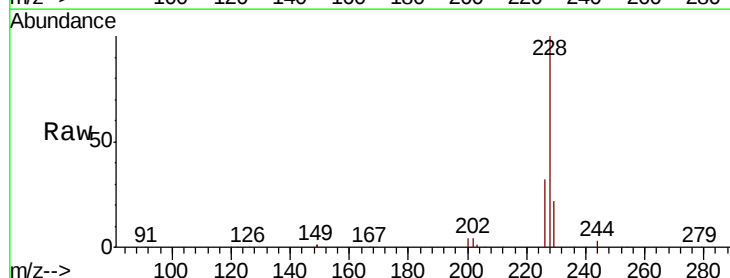
Tgt Ion:228 Resp: 1411161

Ion Ratio Lower Upper

228 100

226 32.3 23.2 34.8

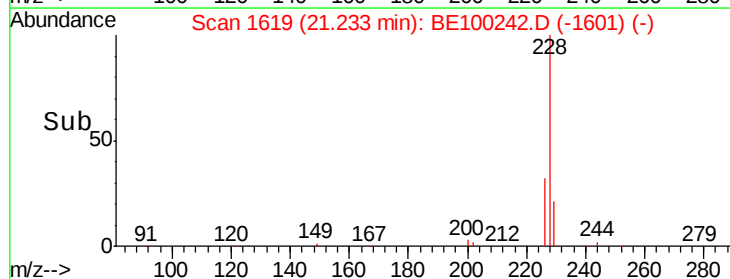
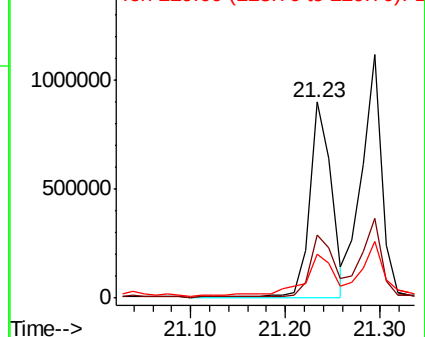
229 22.2 15.7 23.5

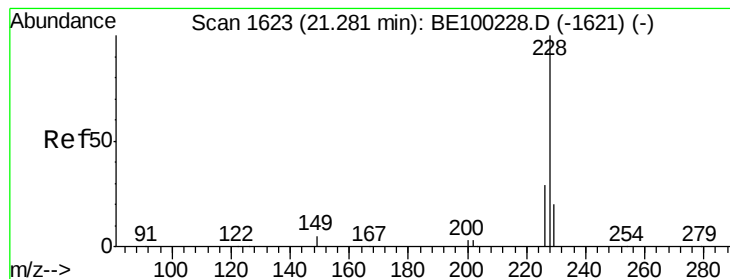


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 41.222 ng

RT: 21.29 min Scan# 1624

Delta R.T. 0.01 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW166-061319

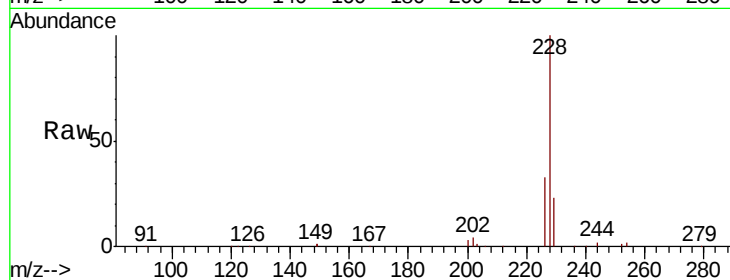
Tgt Ion:228 Resp: 1626418

Ion Ratio Lower Upper

228 100

226 32.8 23.9 35.9

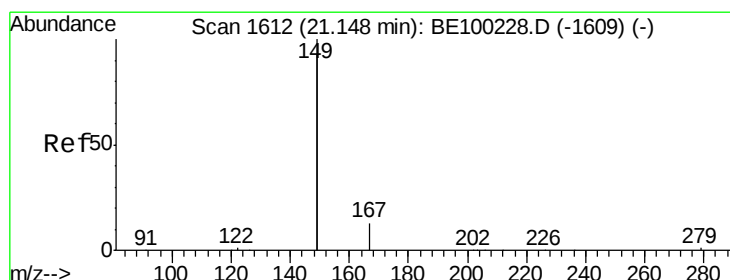
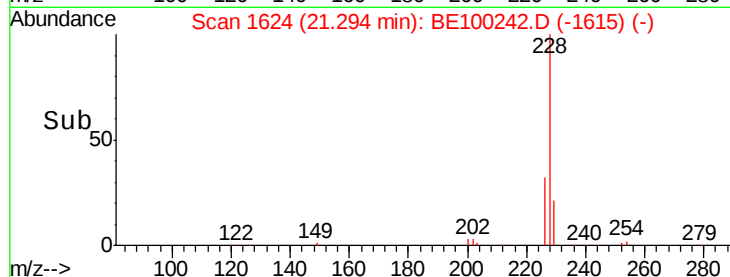
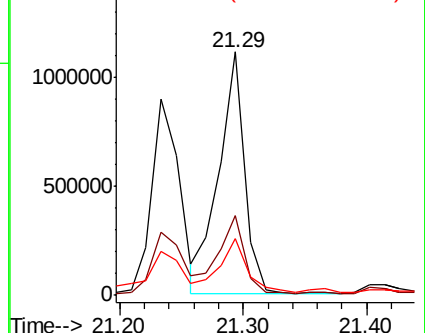
229 23.1 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.677 ng

RT: 21.16 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

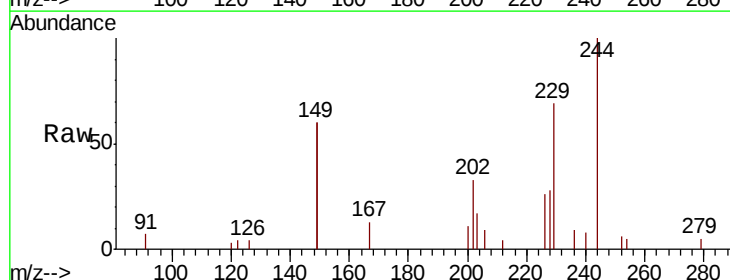
Tgt Ion:149 Resp: 40808

Ion Ratio Lower Upper

149 100

167 8.5 5.8 8.8

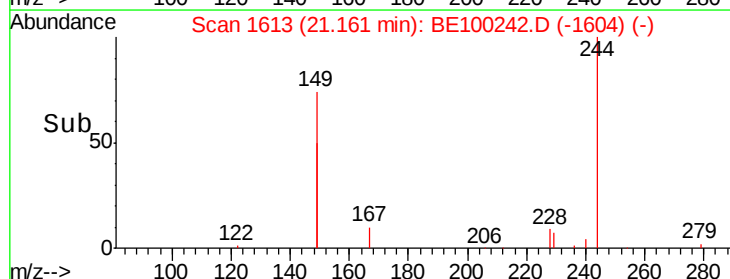
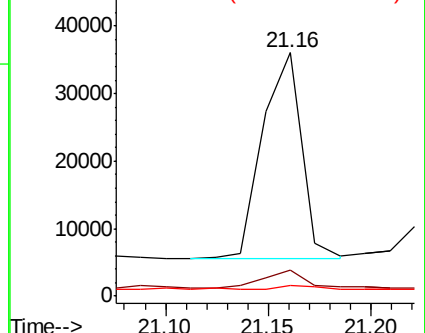
279 1.6 1.1 1.7

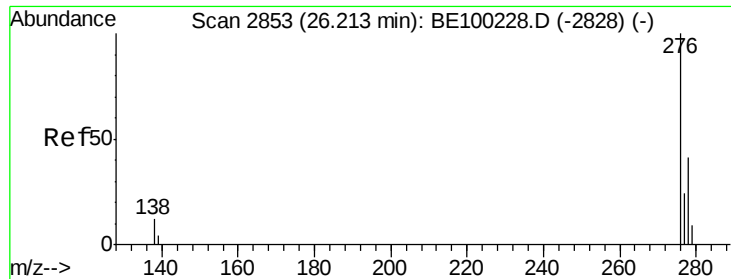


Abundance Ion 149.00 (148.70 to 149.70): E

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: 18.183 ng

RT: 26.27 min Scan# 2869

Delta R.T. 0.06 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW166-061319

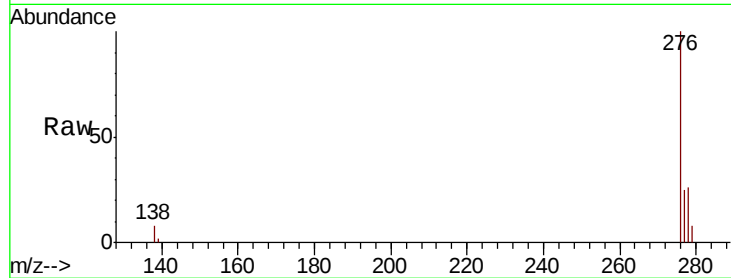
Tgt Ion: 276 Resp: 948869

Ion Ratio Lower Upper

276 100

138 8.0 9.4 14.0#

277 24.9 19.2 28.8

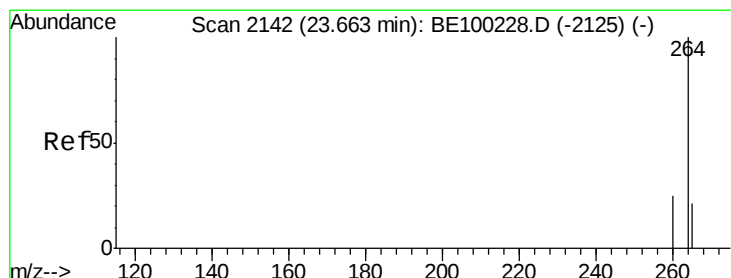
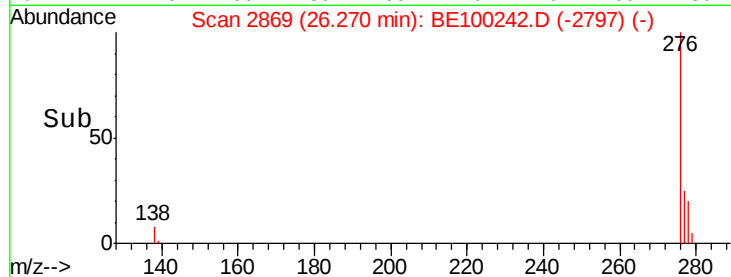
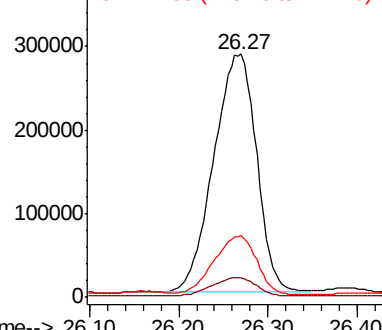


Abundance

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# 2148

Delta R.T. 0.02 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

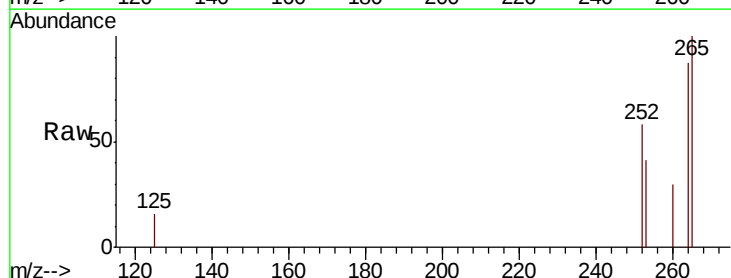
Tgt Ion: 264 Resp: 16000

Ion Ratio Lower Upper

264 100

260 35.2 20.8 31.2#

265 115.5 21.8 32.6#

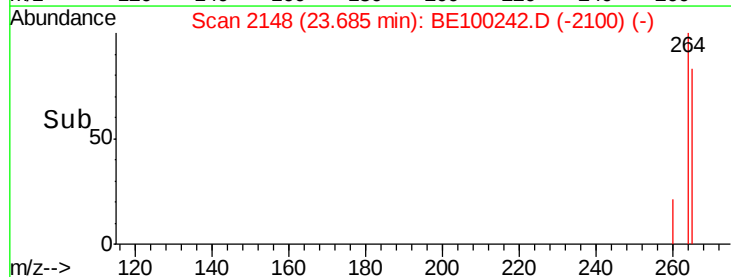
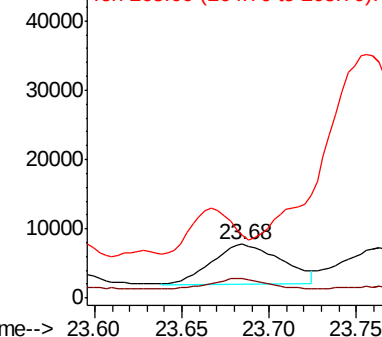


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 37.133 ng

RT: 22.95 min Scan# 1943

Delta R.T. 0.03 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW166-061319

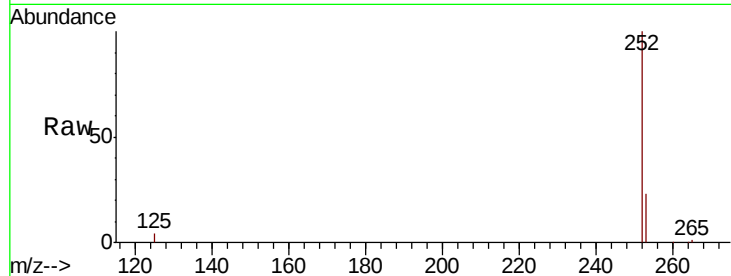
Tgt Ion:252 Resp: 1610806

Ion Ratio Lower Upper

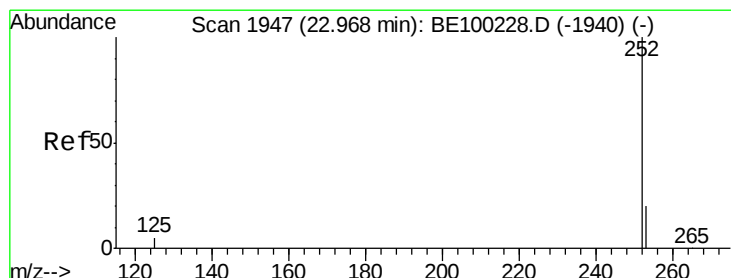
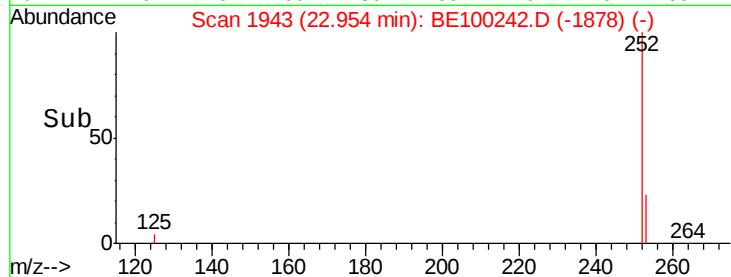
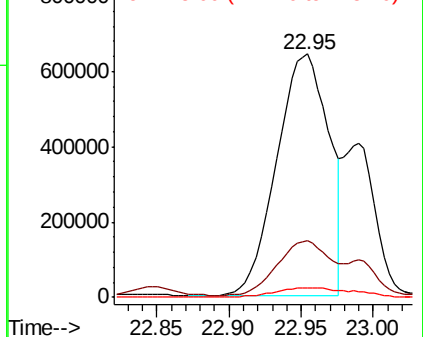
252 100

253 23.4 19.2 28.8

125 4.1 7.4 11.0#



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: 5.267 ng

RT: 23.13 min Scan# 1992

Delta R.T. 0.16 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

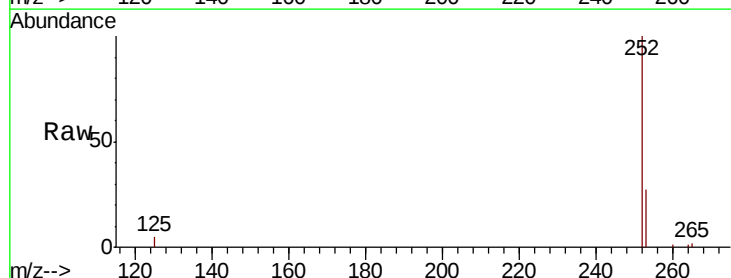
Tgt Ion:252 Resp: 255037

Ion Ratio Lower Upper

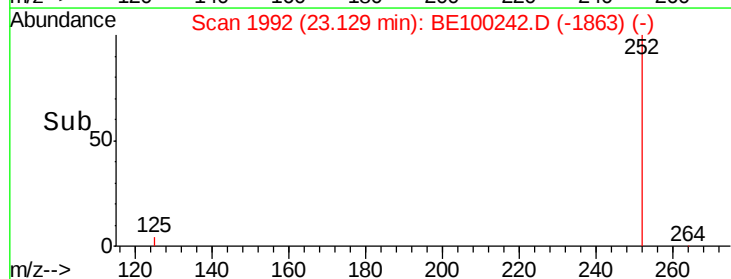
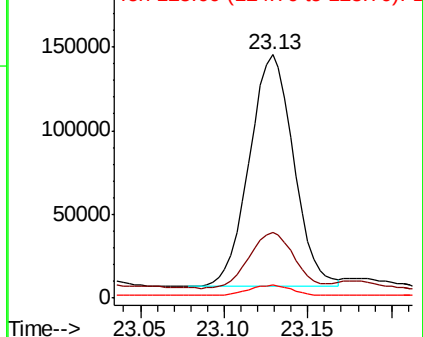
252 100

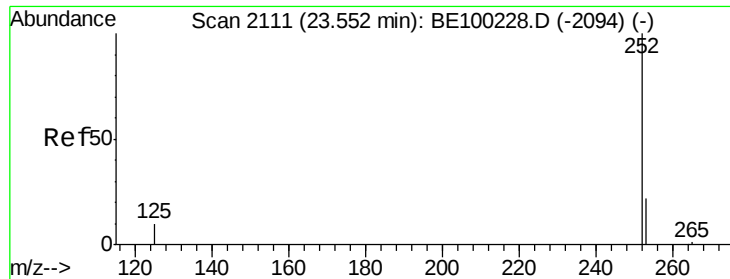
253 26.8 17.9 26.9

125 5.4 5.0 7.4



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: 30.573 ng

RT: 23.58 min Scan# 2120

Delta R.T. 0.03 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW166-061319

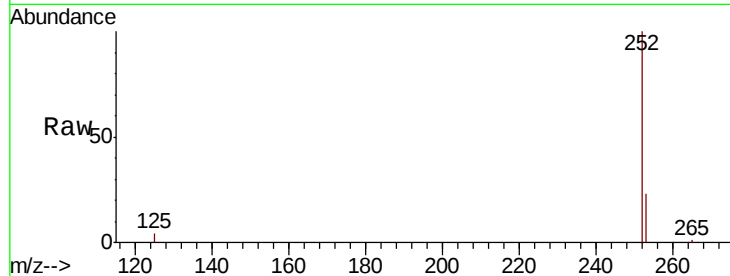
Tgt Ion:252 Resp: 1329214

Ion Ratio Lower Upper

252 100

253 23.4 19.6 29.4

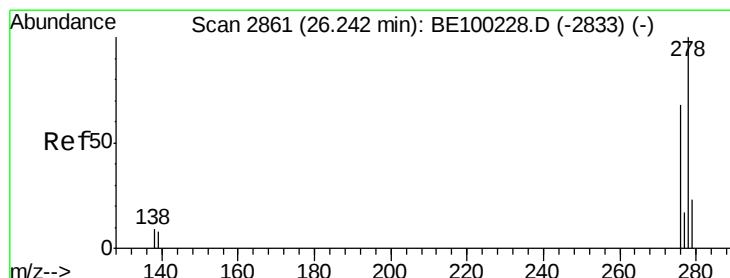
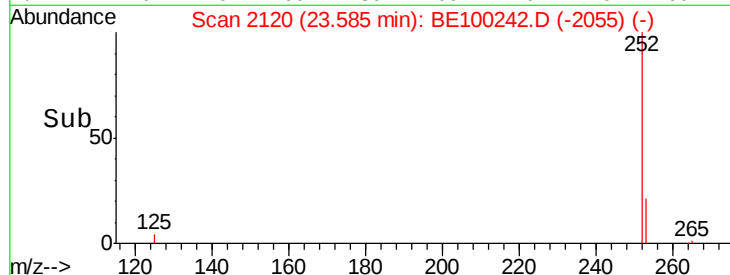
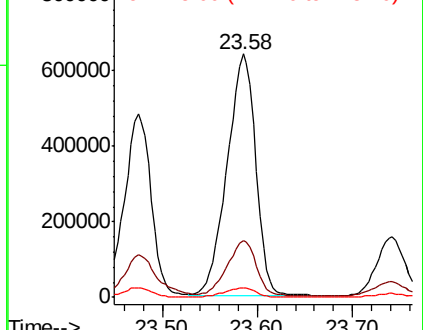
125 4.0 9.0 13.6#



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: 5.374 ng

RT: 26.27 min Scan# 2870

Delta R.T. 0.03 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

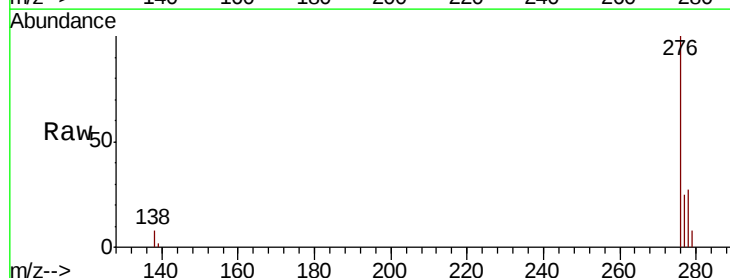
Tgt Ion:278 Resp: 244026

Ion Ratio Lower Upper

278 100

139 7.1 8.2 12.2#

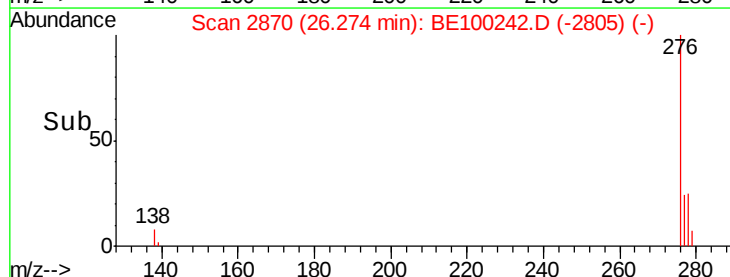
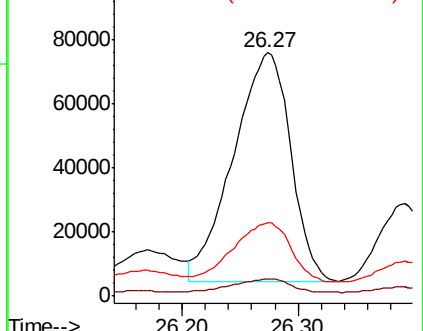
279 30.1 20.3 30.5

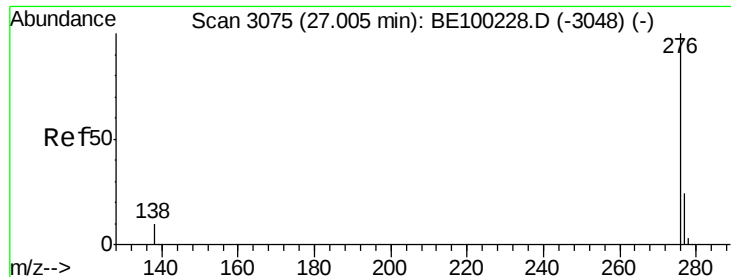


Abundance Ion 278.00 (277.70 to 278.70): E

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: 21.907 ng

RT: 27.07 min Scan# 3094

Delta R.T. 0.07 min

Lab File: BE100242.D

Acq: 28 Jun 2019 19:39

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW166-061319

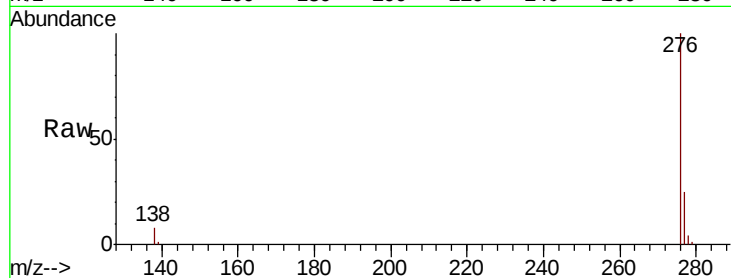
Tgt Ion: 276 Resp: 1021885

Ion Ratio Lower Upper

276 100

277 24.5 20.2 30.2

138 8.1 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

