

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
 Data File : BE100146.D
 Acq On : 21 Jun 2019 21:06
 Operator : JU/SJ
 Sample : K3428-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW156-061319

Quant Time: Jun 22 02:05:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 19 15:07:24 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	637	0.40	ng	-0.01
7) Naphthalene-d8	10.52	136	2338	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	2146	0.40	ng	-0.01
19) Phenanthrene-d10	17.15	188	6921	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	10468	0.40	ng	0.00
34) Perylene-d12	23.83	264	13768	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.29	112	522	0.39	ng	-0.01
5) Phenol-d6	6.89	99	767	0.42	ng	-0.03
8) Nitrobenzene-d5	8.90	82	812	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	133	0.03	ng	-0.01
14) 2,4,6-Tribromophenol	15.89	330	488	0.41	ng	-0.03
15) 2-Fluorobiphenyl	13.02	172	2198	0.26	ng	-0.03
25) Fluoranthene-d10	19.18	212	3087	0.03	ng	-0.01
29) Terphenyl-d14	19.79	244	5383	0.26	ng	-0.02

Target Compounds

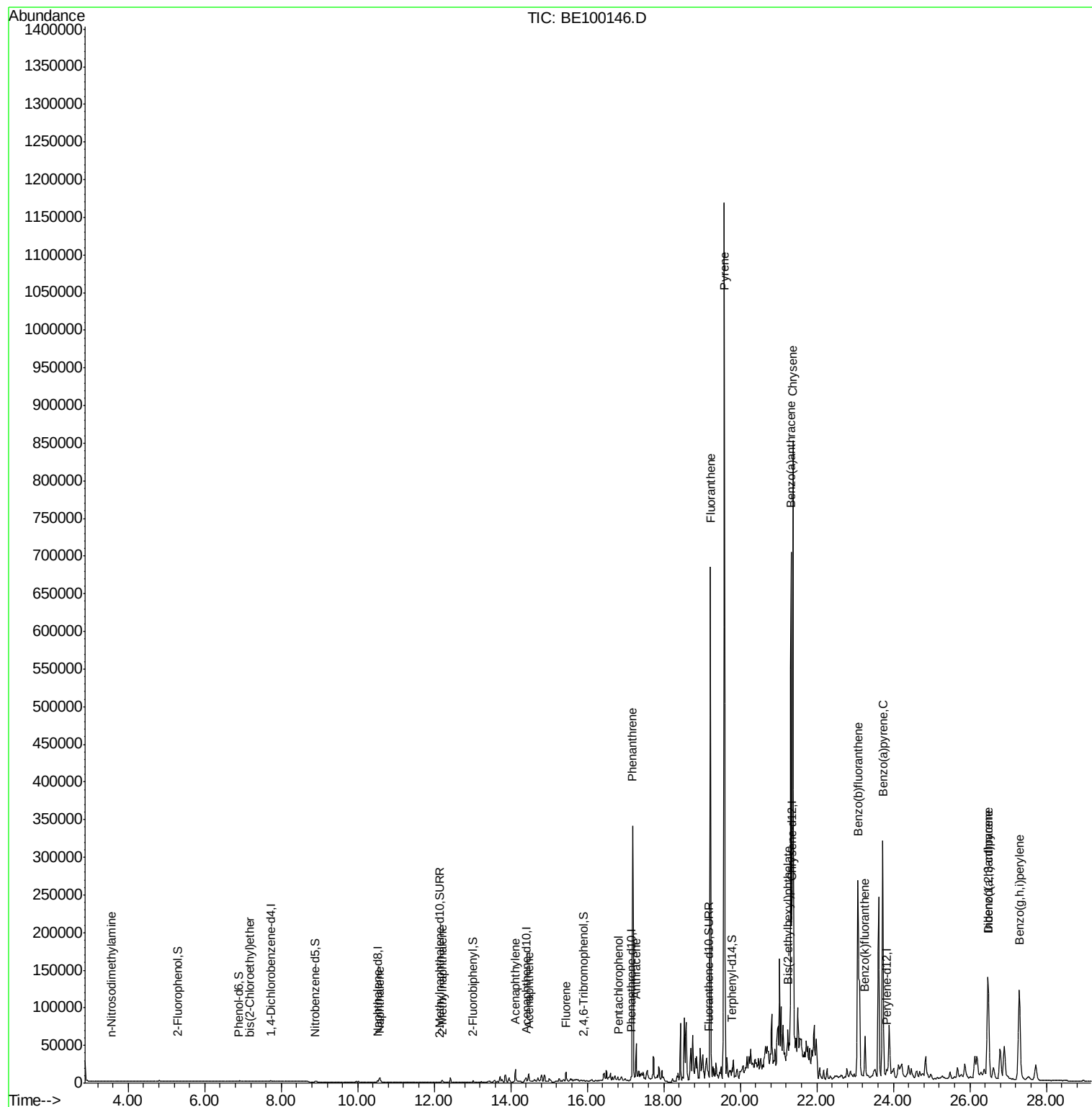
						Qvalue
3) n-Nitrosodimethylamine	3.57	42	10	0.356	ng	# 100
6) bis(2-Chloroethyl)ether	7.18	93	3	0.035	ng	# 1
9) Naphthalene	10.58	128	11360	0.447	ng	99
12) 2-Methylnaphthalene	12.21	142	2363	0.566	ng	95
16) Acenaphthylene	14.13	152	21946	2.154	ng	98
17) Acenaphthene	14.47	154	6337	1.113	ng	96
18) Fluorene	15.45	166	11364	1.340	ng	# 88
22) Pentachlorophenol	16.81	266	8	0.248	ng	# 77
23) Phenanthrene	17.19	178	338928	20.439	ng	99
24) Anthracene	17.28	178	45785	3.274	ng	98
26) Fluoranthene	19.22	202	649942	24.417	ng	98
28) Pyrene	19.59	202	1153085	42.856	ng	# 93
30) Benzo(a)anthracene	21.33	228	640950	20.582	ng	97
31) Chrysene	21.38	228	665938	18.404	ng	97
32) Bis(2-ethylhexyl)phthalate	21.24	149	24758	0.843	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.47	276	254744	6.257	ng	# 96
35) Benzo(b)fluoranthene	23.07	252	540740	13.384	ng	# 97
36) Benzo(k)fluoranthene	23.26	252	78234	1.702	ng	96
37) Benzo(a)pyrene	23.72	252	516258	13.238	ng	# 93
38) Dibenzo(a,h)anthracene	26.49	278	91154	2.280	ng	# 94
39) Benzo(g,h,i)perylene	27.29	276	313953	7.558	ng	# 95

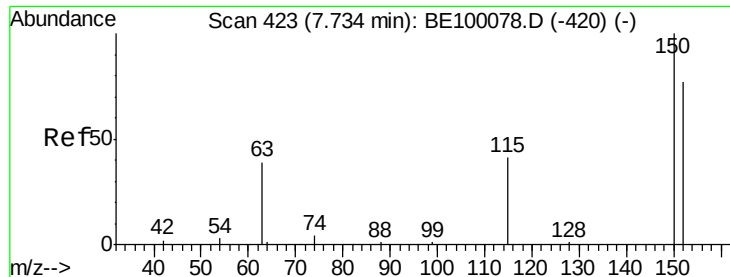
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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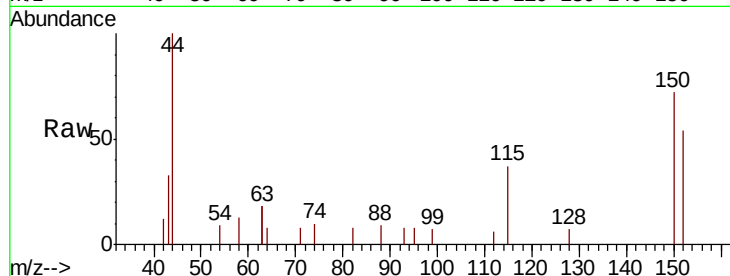


#1

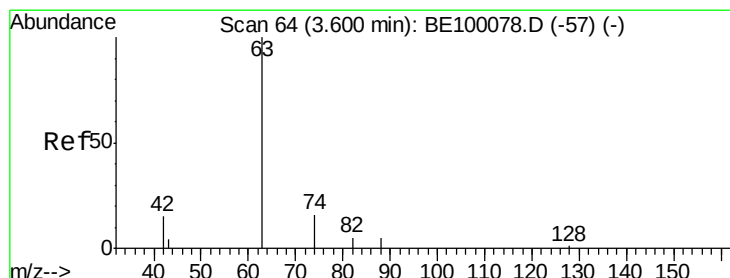
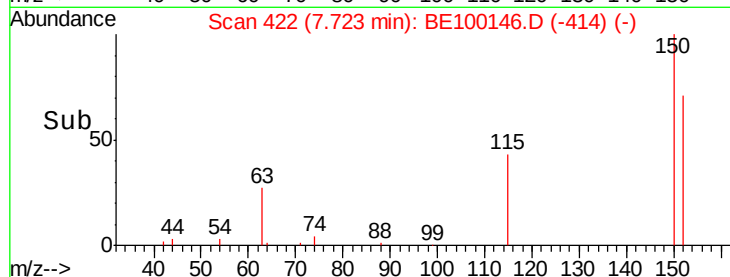
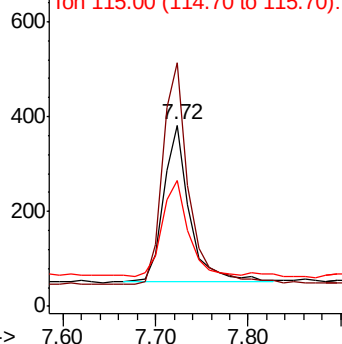
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion: 152 Resp: 637
Ion Ratio Lower Upper
152 100
150 134.3 99.8 149.8
115 69.4 51.3 76.9



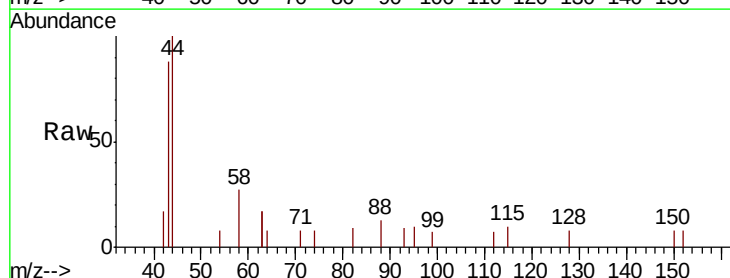
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



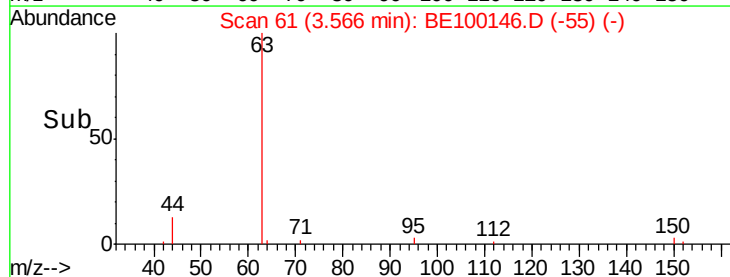
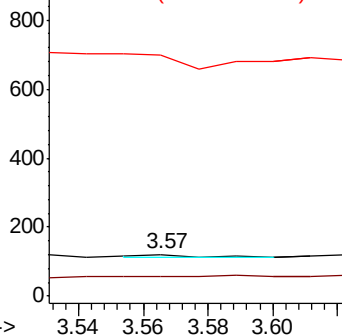
#3

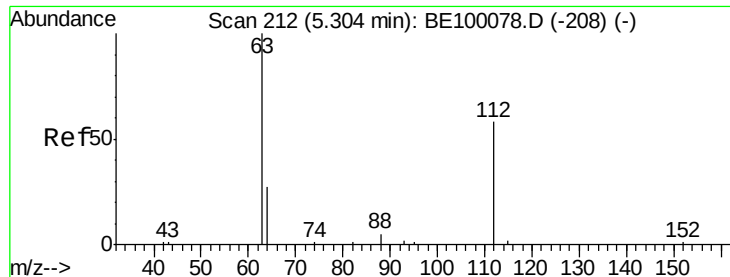
n-Nitrosodimethylamine
Concen: 0.356 ng
RT: 3.57 min Scan# 61
Delta R.T. -0.03 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion: 42 Resp: 10
Ion Ratio Lower Upper
42 100
74 0.0 0.0 0.0
44 0.0 0.0 0.0



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: 0.395 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319

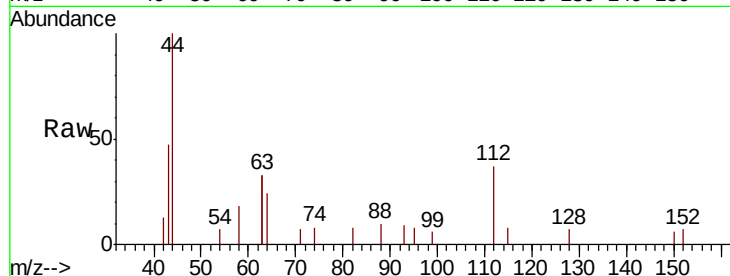
Tgt Ion: 112 Resp: 522

Ion Ratio Lower Upper

112 100

64 57.9 22.0 33.0#

63 148.5 121.8 182.6

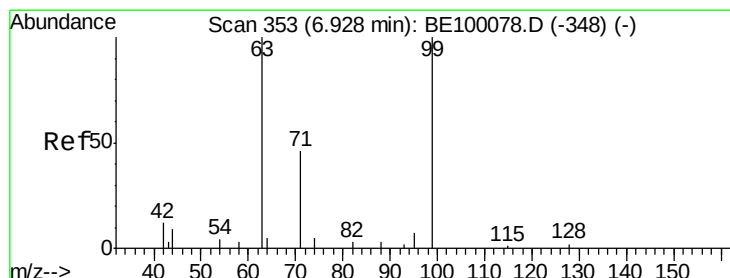
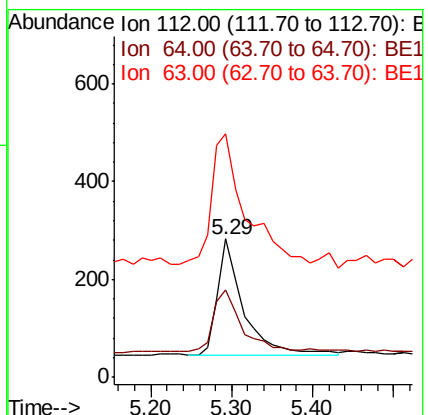
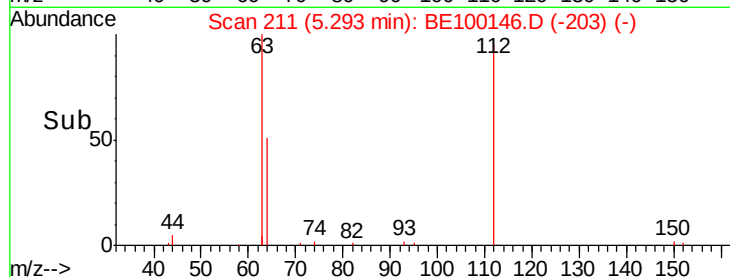


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Time-->



#5

Phenol-d6

Concen: 0.423 ng

RT: 6.89 min Scan# 350

Delta R.T. -0.03 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

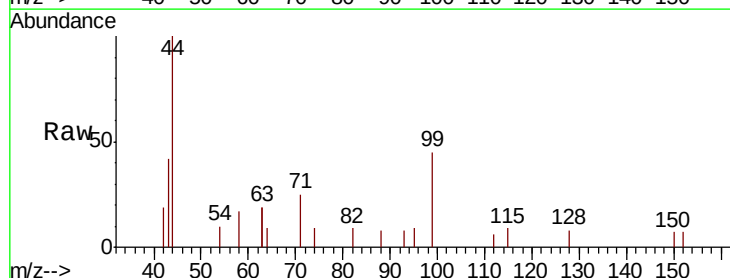
Tgt Ion: 99 Resp: 767

Ion Ratio Lower Upper

99 100

42 19.9 0.0 0.0#

71 40.9 37.6 56.4

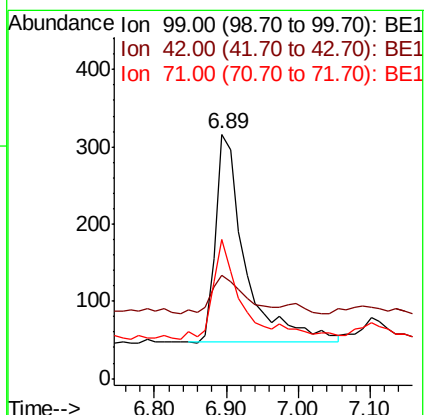
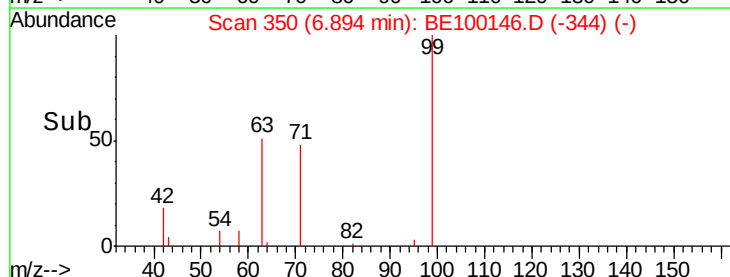


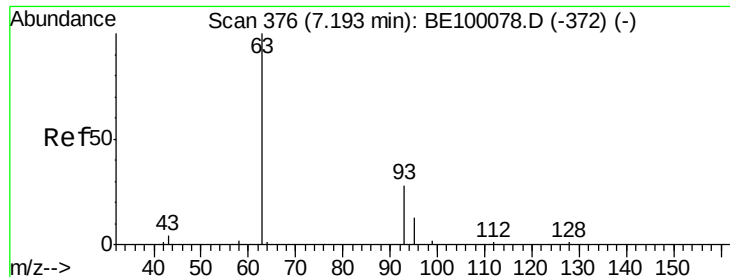
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.035 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

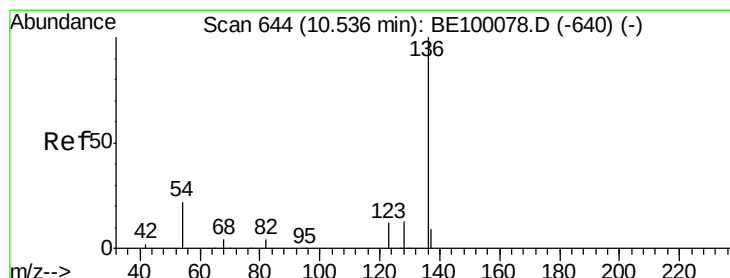
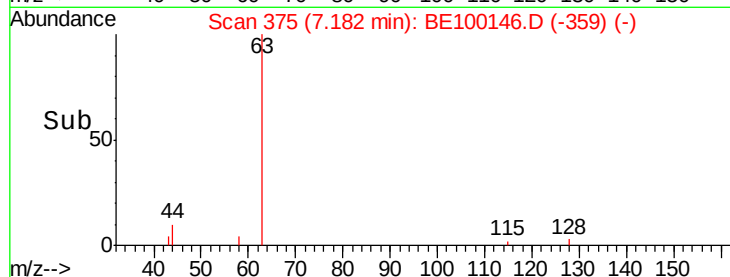
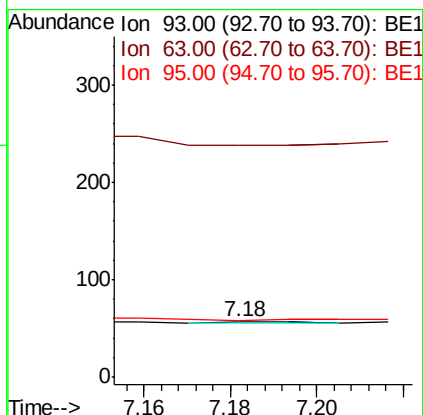
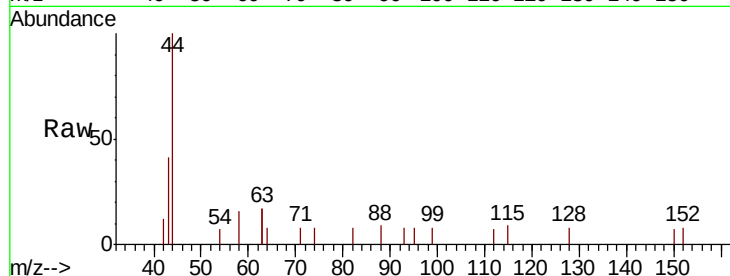
Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319

Tgt Ion:	93	Resp:	3
Ion	Ratio	Lower	Upper
93	100		
63	0.0	200.0	300.0#
95	0.0	24.0	36.0#



#7

Naphthalene-d8

Concen: 0.400 ng

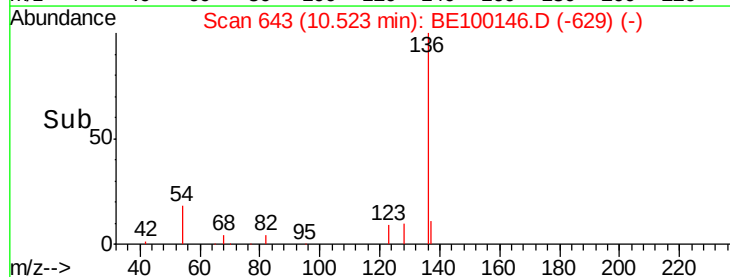
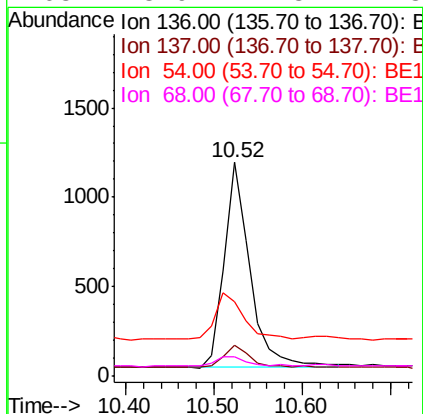
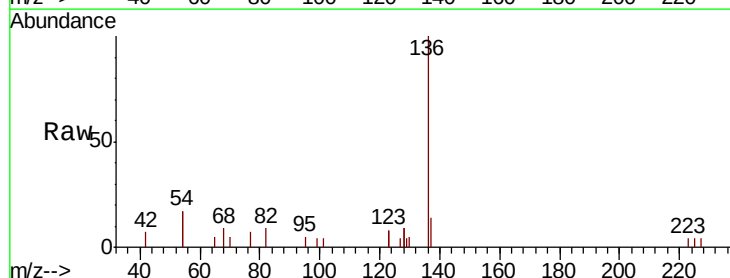
RT: 10.52 min Scan# 643

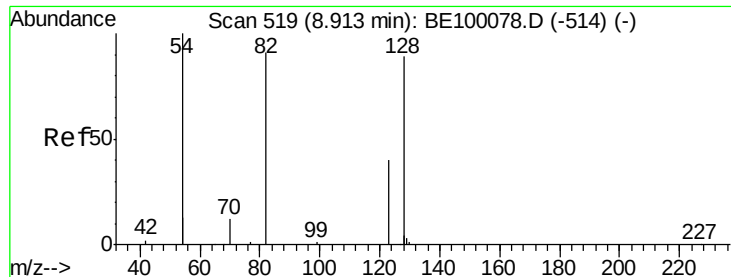
Delta R.T. -0.01 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

Tgt Ion:	136	Resp:	2338
Ion	Ratio	Lower	Upper
136	100		
137	14.3	11.6	17.4
54	34.5	33.9	50.9
68	8.9	7.8	11.8





#8

Nitrobenzene-d5

Concen: 0.358 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319

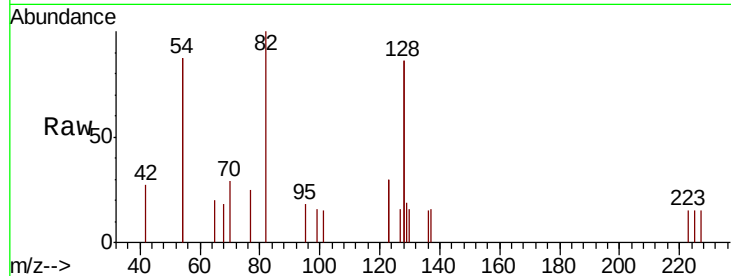
Tgt Ion: 82 Resp: 812

Ion Ratio Lower Upper

82 100

128 171.6 128.0 192.0

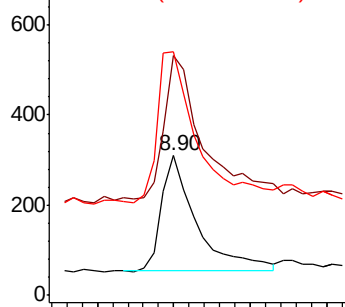
54 174.2 143.4 215.0



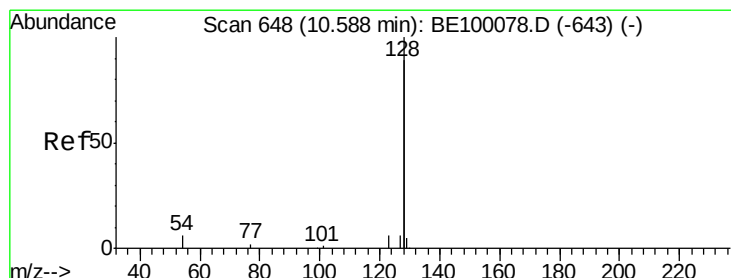
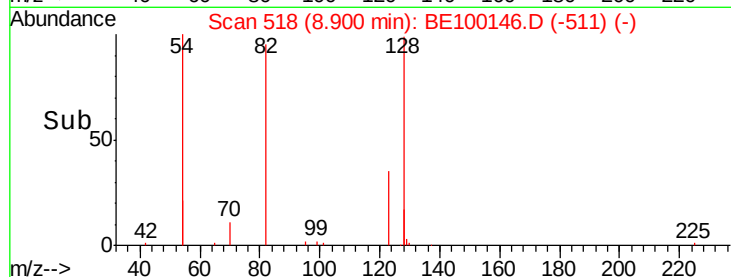
Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



Time-->



#9

Naphthalene

Concen: 0.447 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

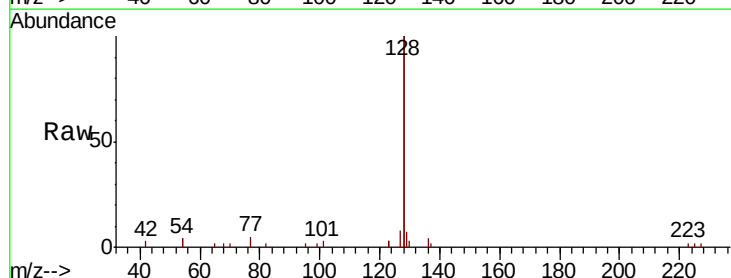
Tgt Ion: 128 Resp: 11360

Ion Ratio Lower Upper

128 100

129 3.5 3.1 4.7

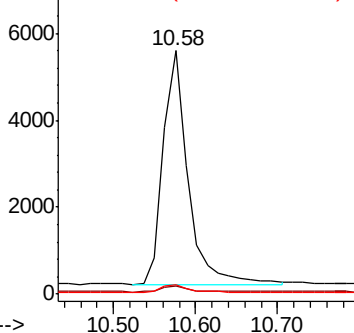
127 3.9 3.4 5.2



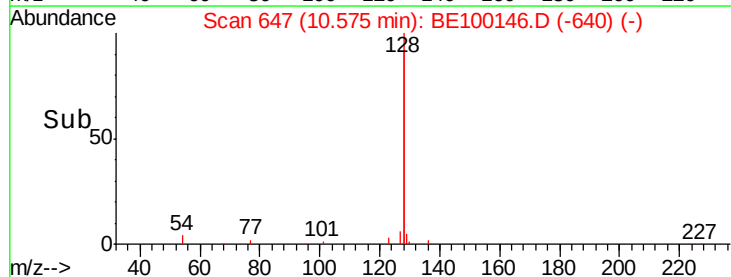
Abundance Ion 128.00 (127.70 to 128.70): E

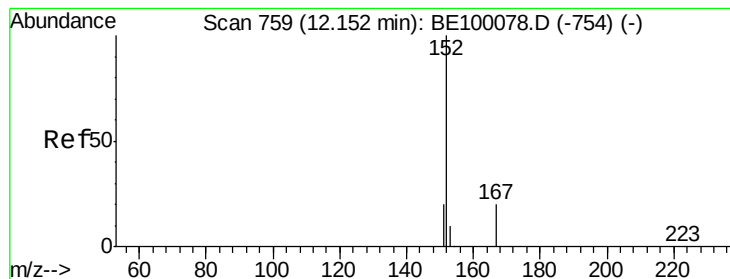
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.030 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

Instrument :

BNA_E

ClientSampleId :

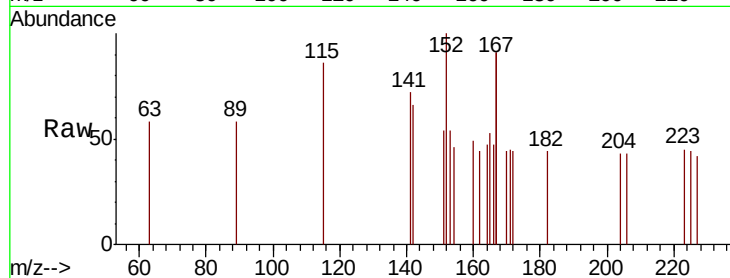
EXT-084-SW156-061319

Tgt Ion:152 Resp: 133

Ion Ratio Lower Upper

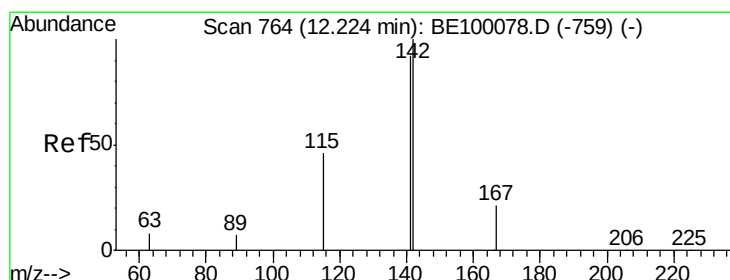
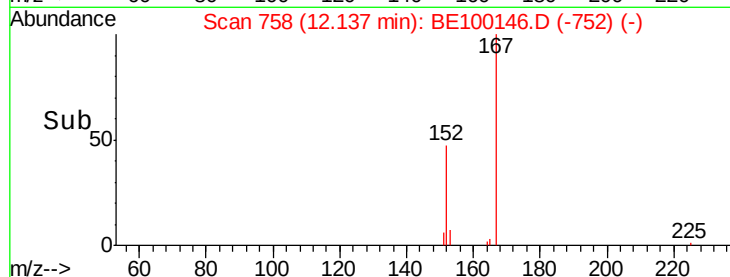
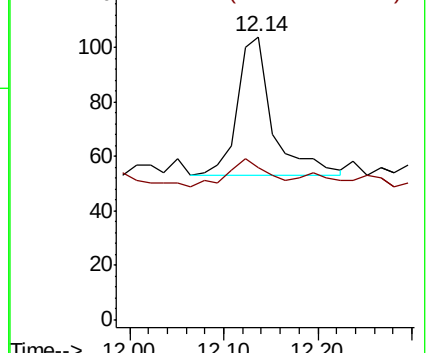
152 100

151 21.1 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.566 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.01 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

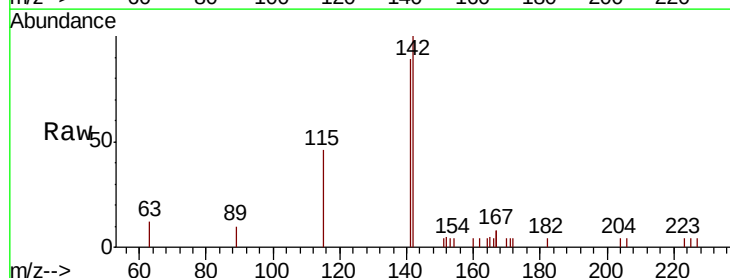
Tgt Ion:142 Resp: 2363

Ion Ratio Lower Upper

142 100

141 89.4 74.1 111.1

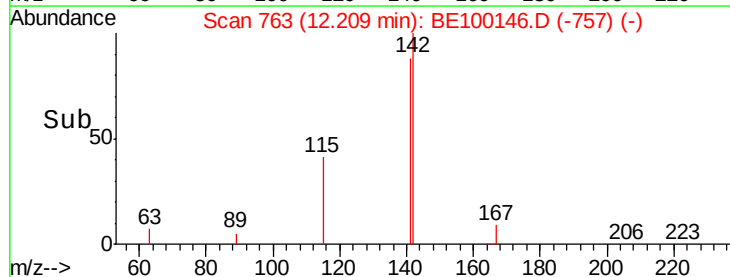
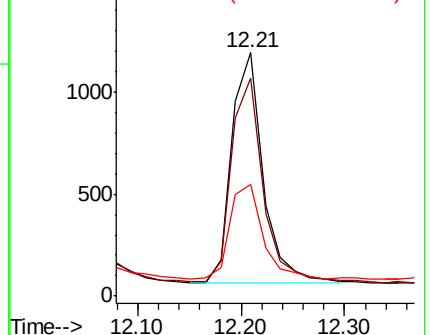
115 45.9 40.9 61.3

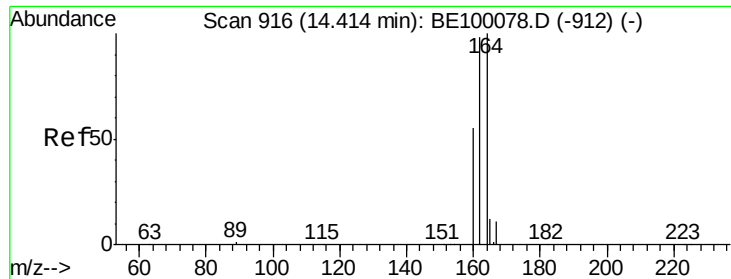


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

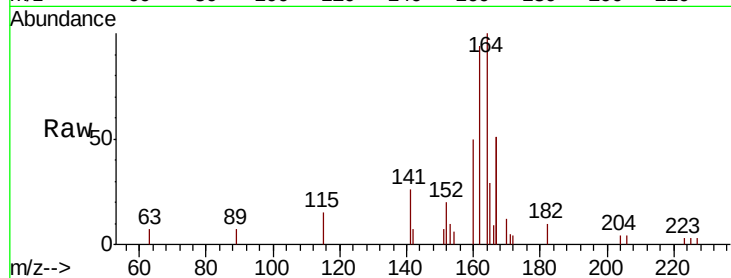




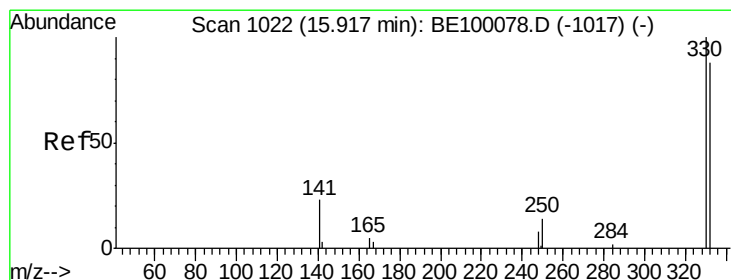
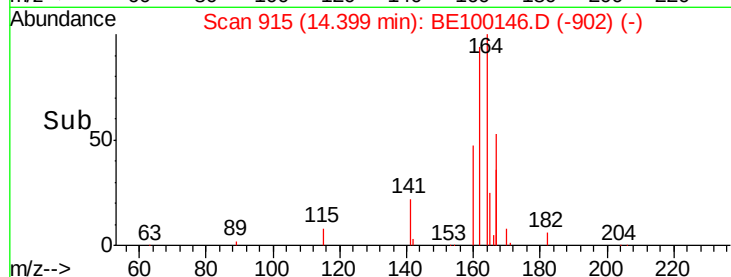
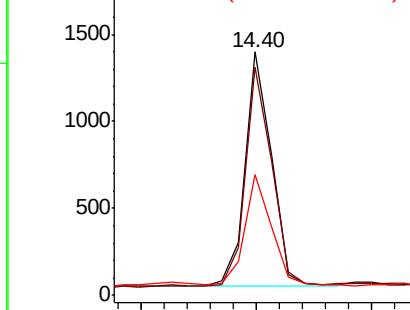
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:164 Resp: 2146
Ion Ratio Lower Upper
164 100
162 93.6 78.2 117.2
160 49.7 45.6 68.4

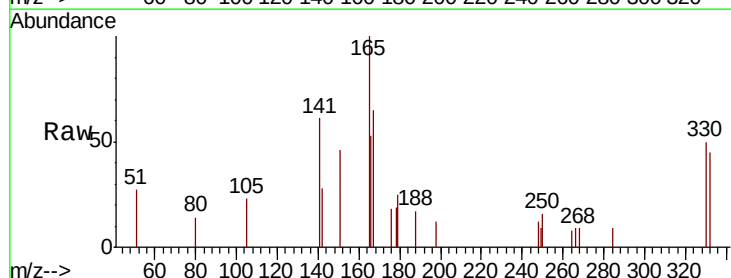


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

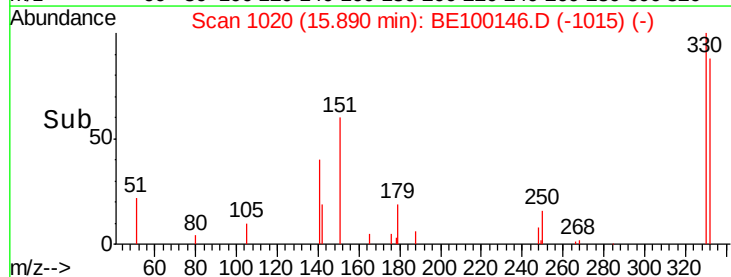
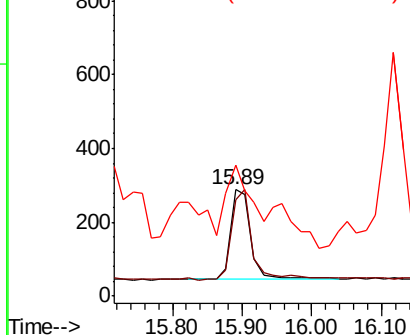


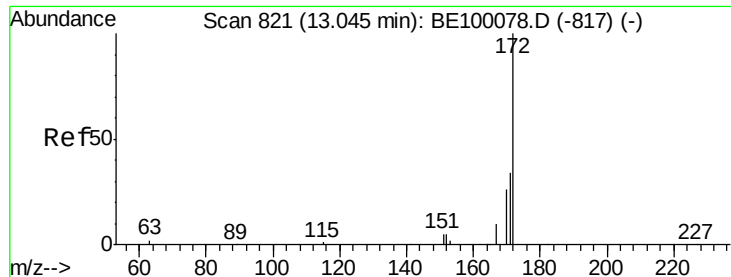
#14
2,4,6-Tribromophenol
Concen: 0.412 ng
RT: 15.89 min Scan# 1020
Delta R.T. -0.03 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:330 Resp: 488
Ion Ratio Lower Upper
330 100
332 104.7 73.3 109.9
141 91.4 22.2 33.2#



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

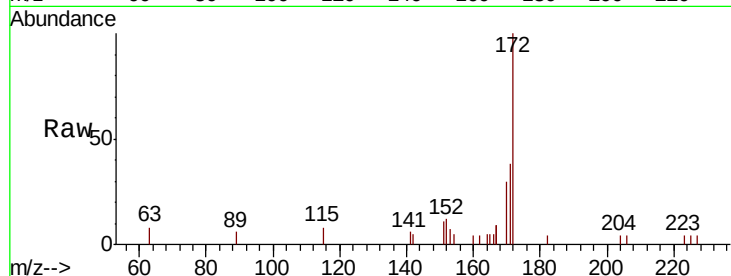




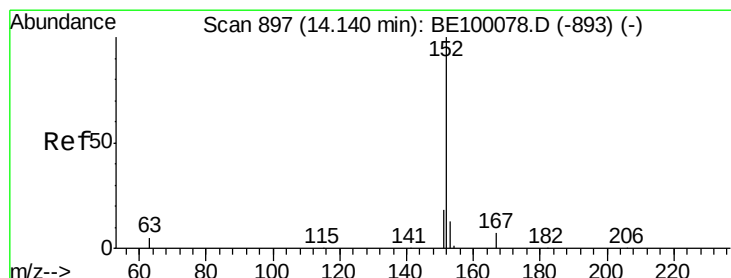
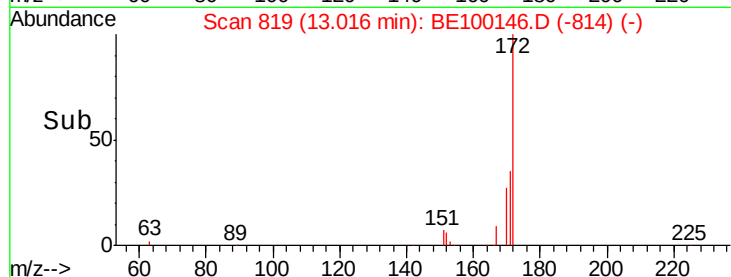
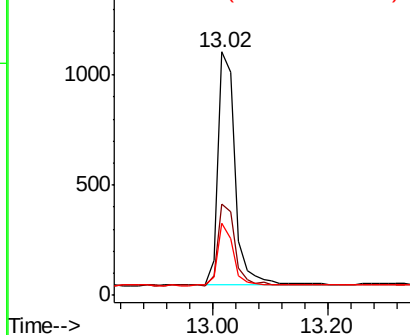
#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.03 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:172 Resp: 2198
Ion Ratio Lower Upper
172 100
171 37.7 29.8 44.8
170 29.6 23.2 34.8

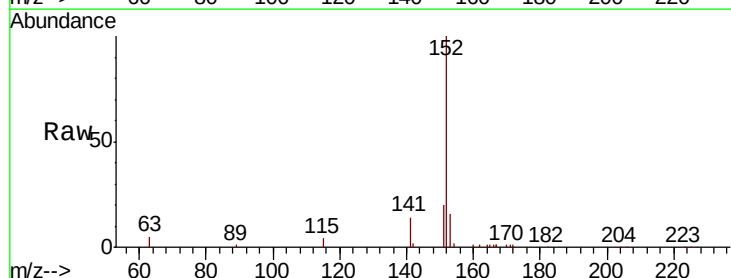


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

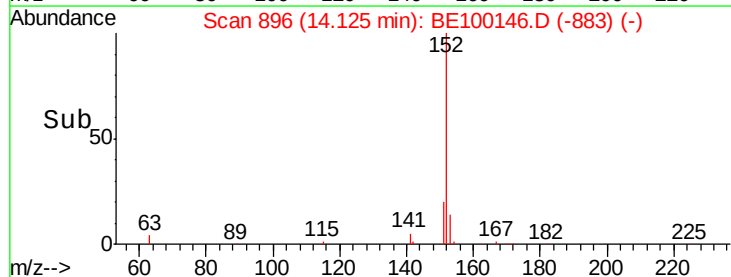
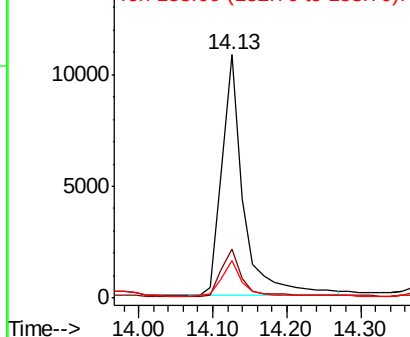


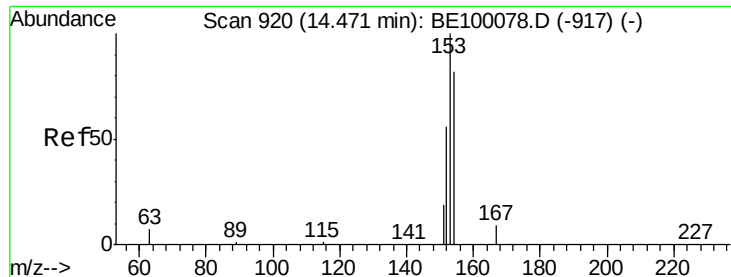
#16
Acenaphthylene
Concen: 2.154 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:152 Resp: 21946
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 14.5 10.1 15.1



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

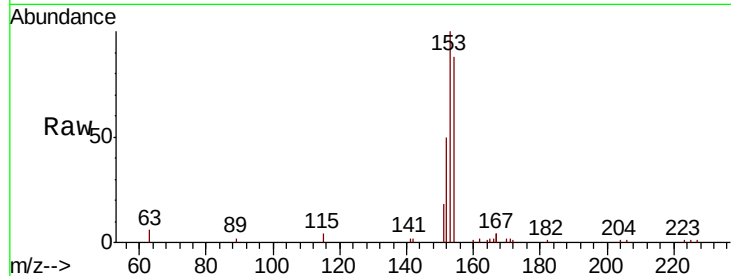




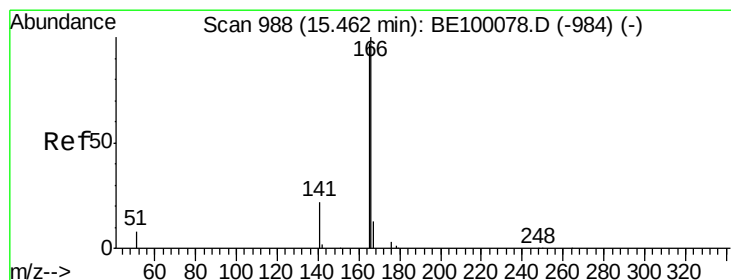
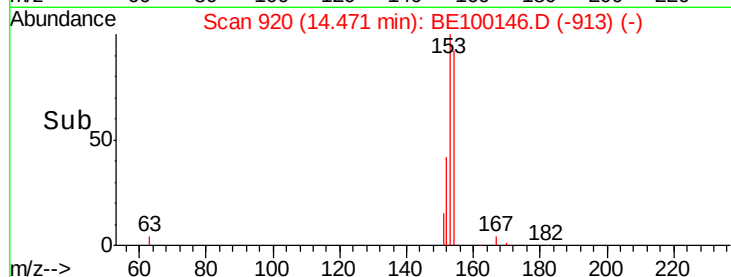
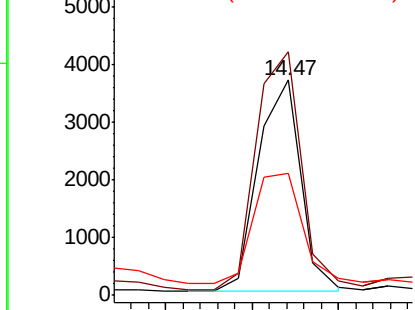
#17
Acenaphthene
Concen: 1.113 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

Tgt Ion:154 Resp: 6337
Ion Ratio Lower Upper
154 100
153 120.1 95.5 143.3
152 61.0 54.9 82.3

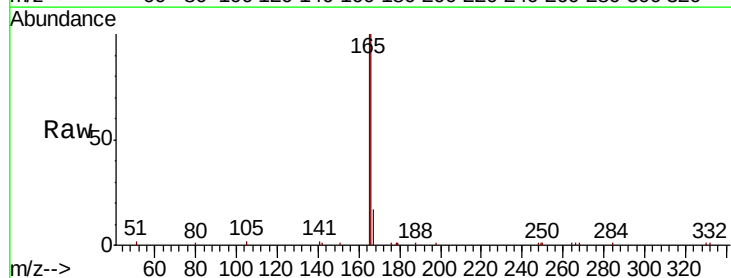


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

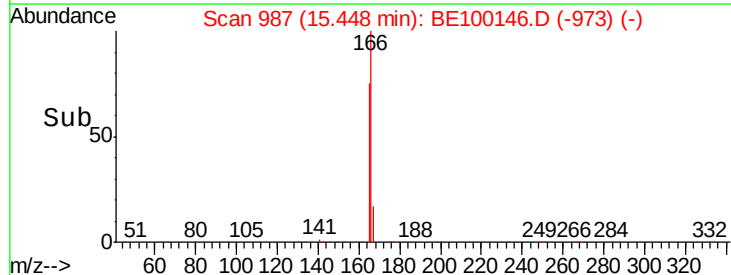
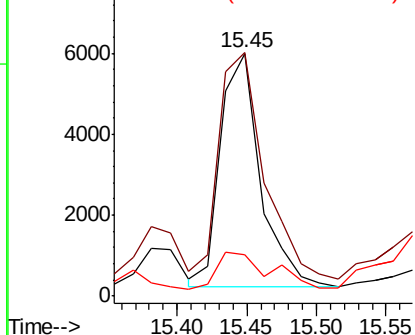


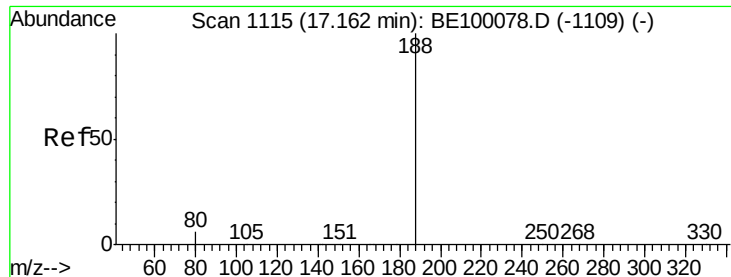
#18
Fluorene
Concen: 1.340 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:166 Resp: 11364
Ion Ratio Lower Upper
166 100
165 110.3 79.8 119.8
167 22.2 10.2 15.4#



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: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319

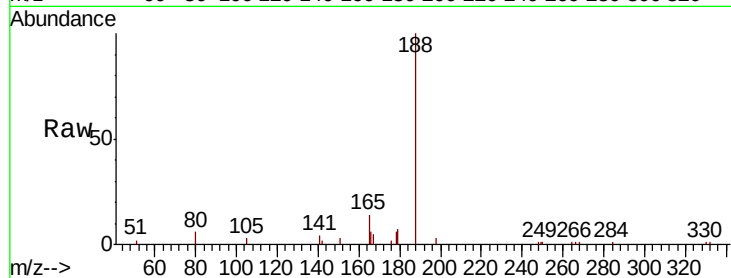
Tgt Ion:188 Resp: 6921

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

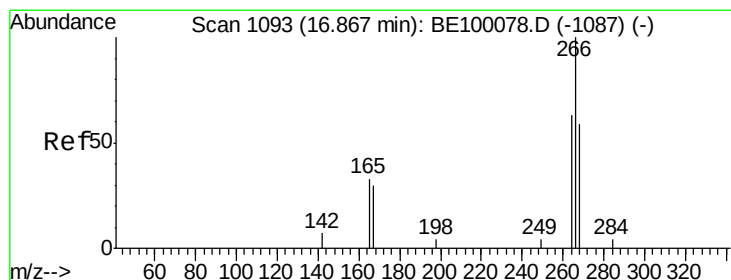
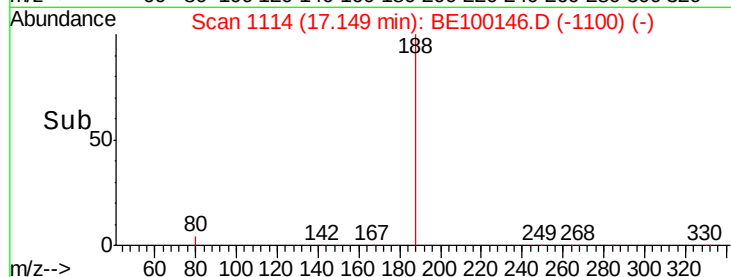
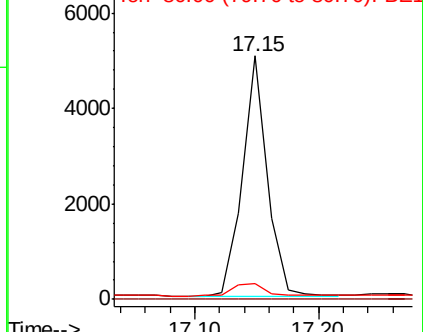
80 6.5 6.3 9.5



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: 0.248 ng

RT: 16.81 min Scan# 1089

Delta R.T. -0.05 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

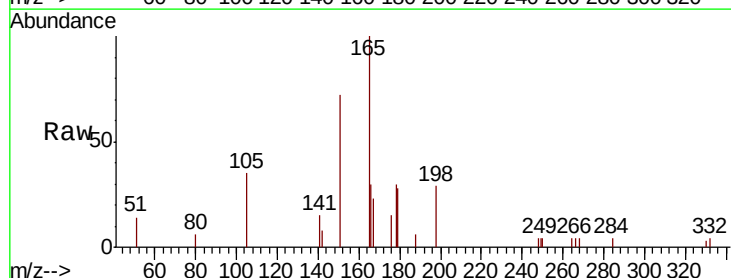
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 110.5 67.8 101.6#

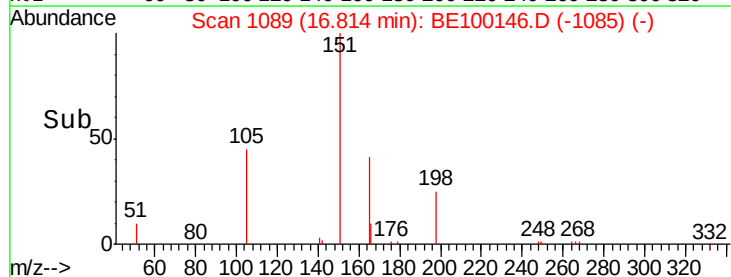
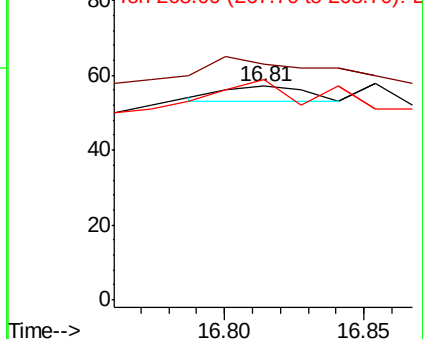
268 103.5 70.0 105.0

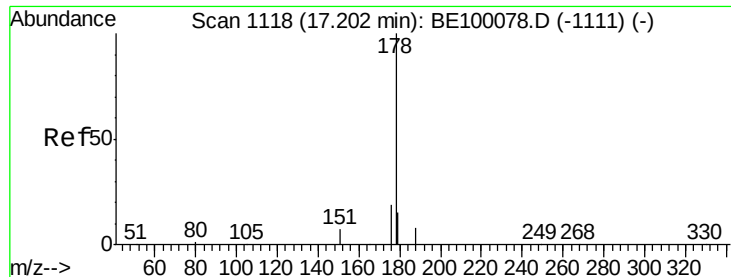


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

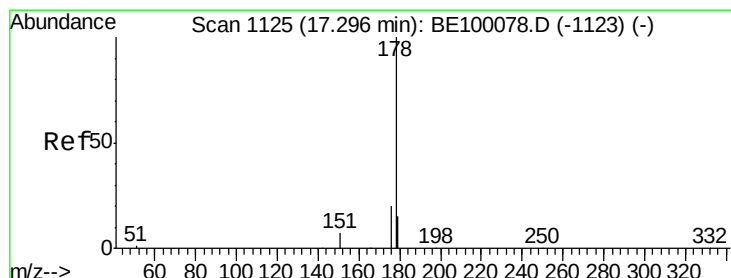
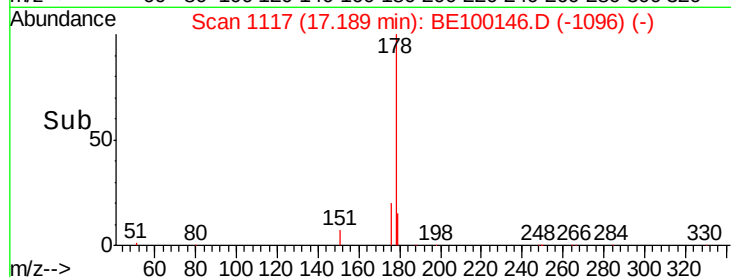
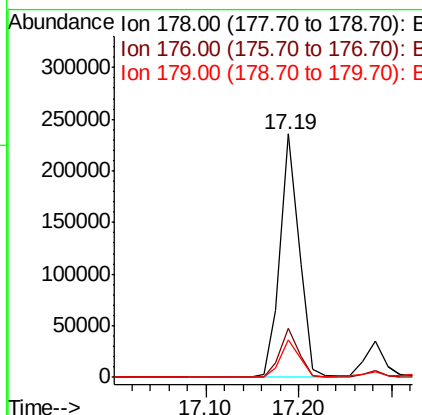
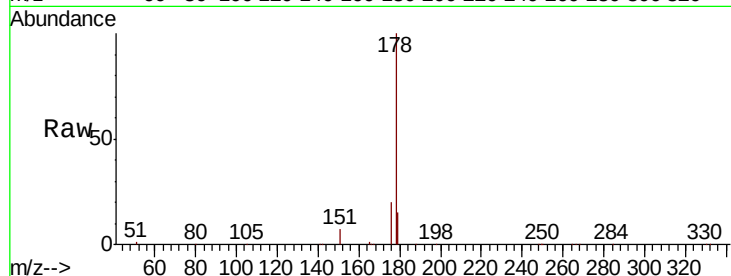




#23
Phenanthrene
Concen: 20.439 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

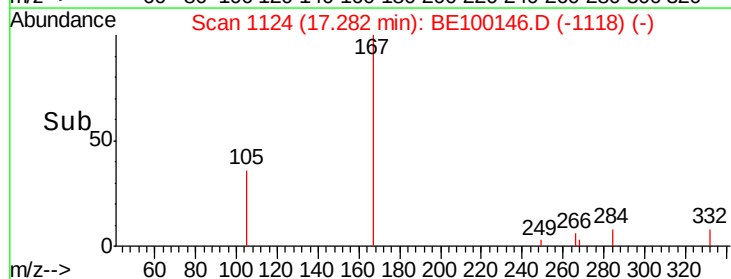
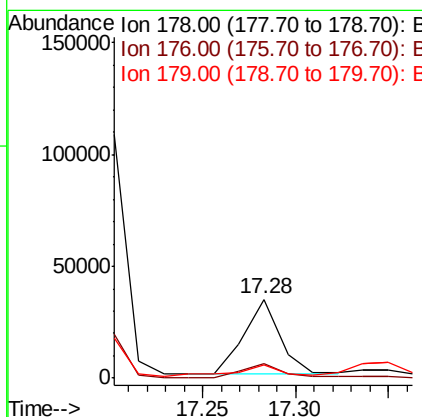
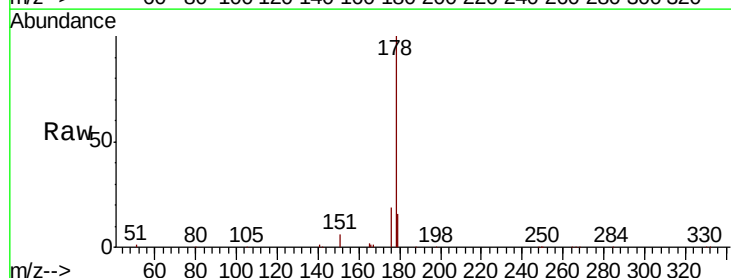
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

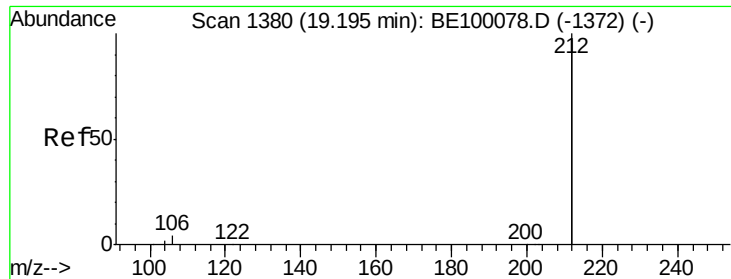
Tgt Ion:178 Resp: 338928
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.7 13.1 19.7



#24
Anthracene
Concen: 3.274 ng
RT: 17.28 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:178 Resp: 45785
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.6
179 16.0 12.0 18.0

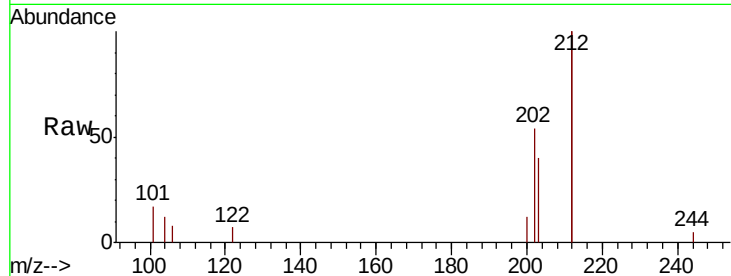




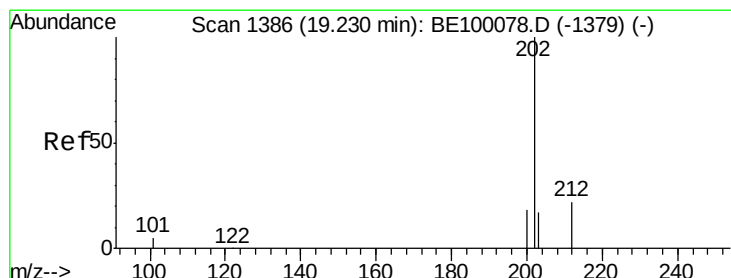
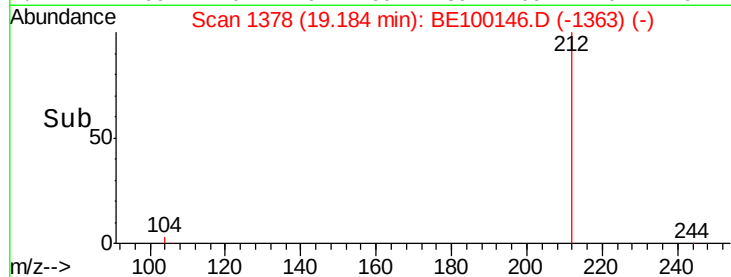
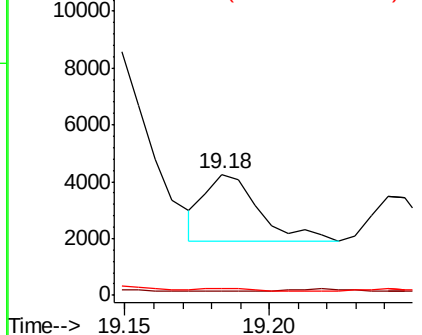
#25
 Fluoranthene-d10
 Concen: 0.031 ng
 RT: 19.18 min Scan# 1378
 Delta R.T. -0.01 min
 Lab File: BE100146.D
 Acq: 21 Jun 2019 21:06

Instrument :
 BNA_E
 ClientSampleId :
 EXT-084-SW156-061319

Tgt Ion: 212 Resp: 3087
 Ion Ratio Lower Upper
 212 100
 106 1.3 1.4 2.0#
 104 3.3 0.8 1.2#

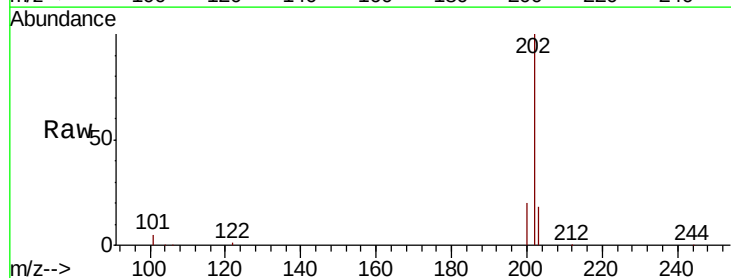


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

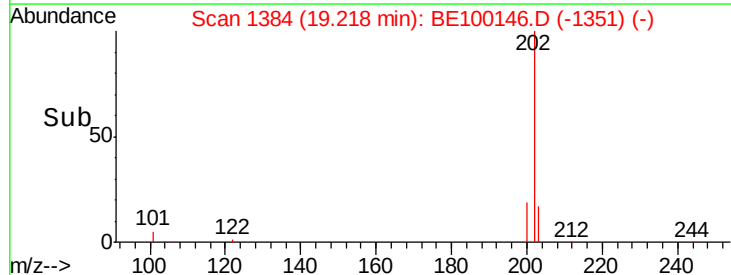
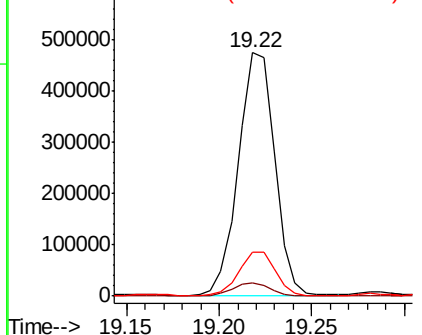


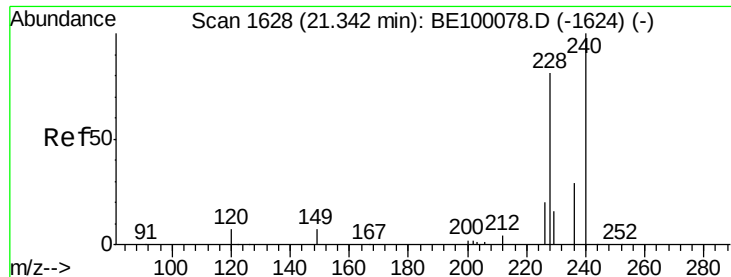
#26
 Fluoranthene
 Concen: 24.417 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BE100146.D
 Acq: 21 Jun 2019 21:06

Tgt Ion: 202 Resp: 649942
 Ion Ratio Lower Upper
 202 100
 101 5.3 5.0 7.4
 203 18.1 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

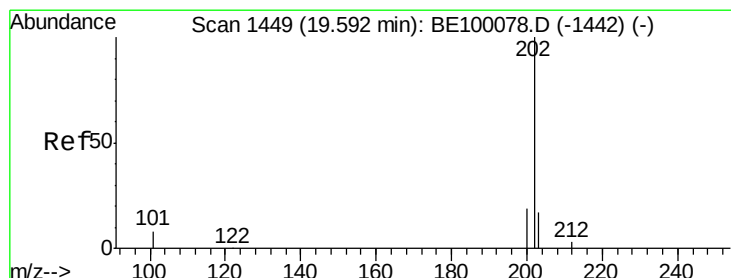
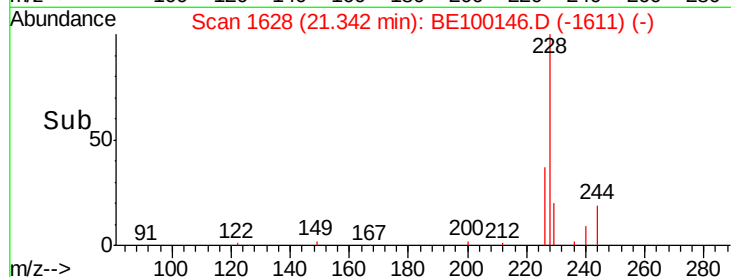
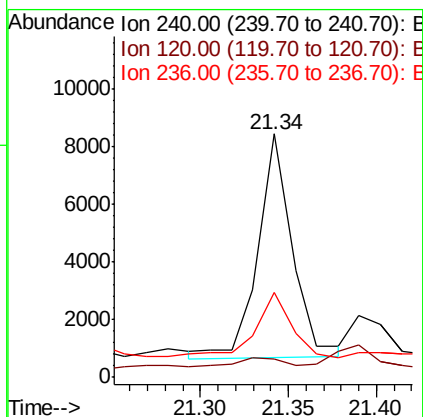
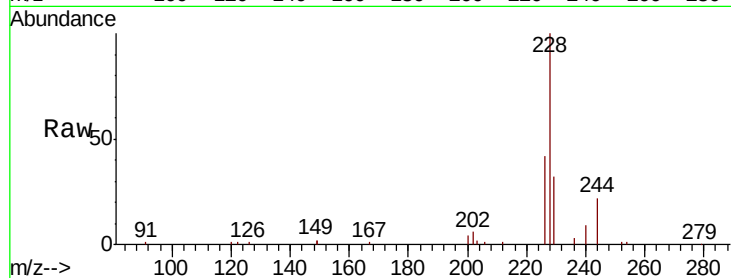




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

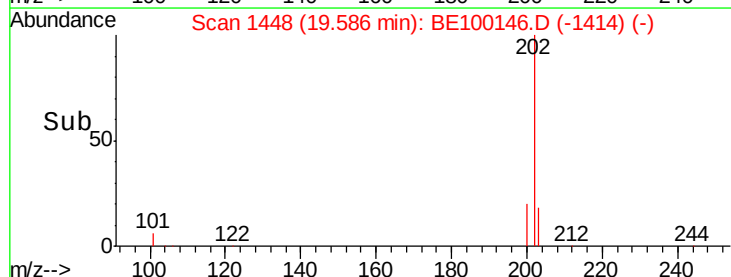
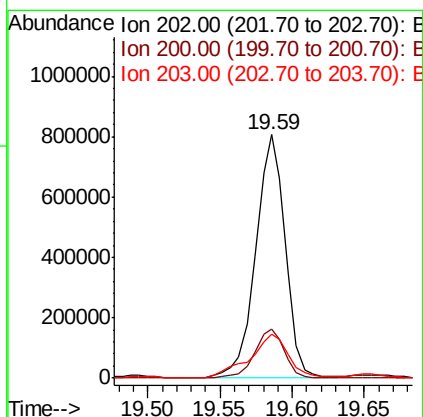
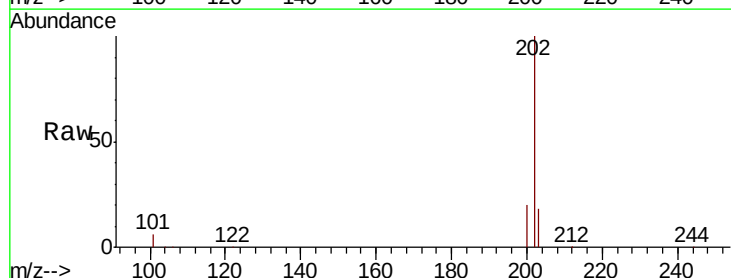
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

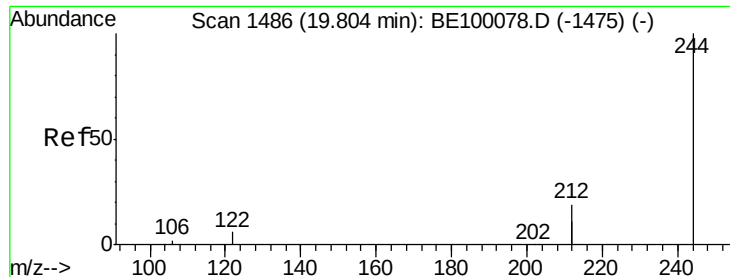
Tgt Ion:240 Resp: 10468
Ion Ratio Lower Upper
240 100
120 7.3 6.6 10.0
236 34.7 23.8 35.6



#28
Pyrene
Concen: 42.856 ng
RT: 19.59 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion:202 Resp: 1153085
Ion Ratio Lower Upper
202 100
200 20.2 15.6 23.4
203 23.3 13.9 20.9#





#29

Terphenyl-d14

Concen: 0.257 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319

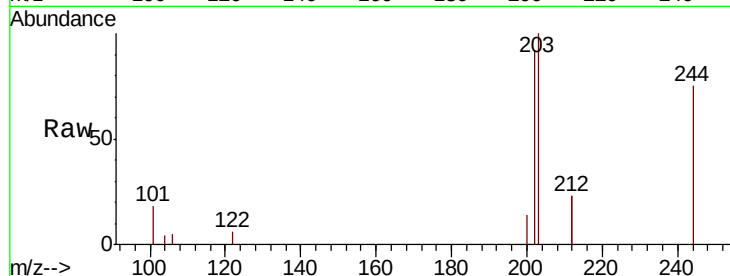
Tgt Ion:244 Resp: 5383

Ion Ratio Lower Upper

244 100

212 62.4 29.8 44.8#

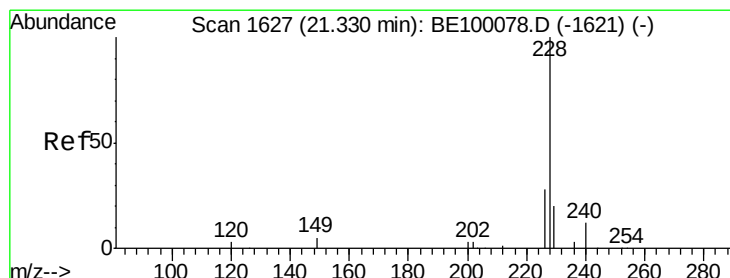
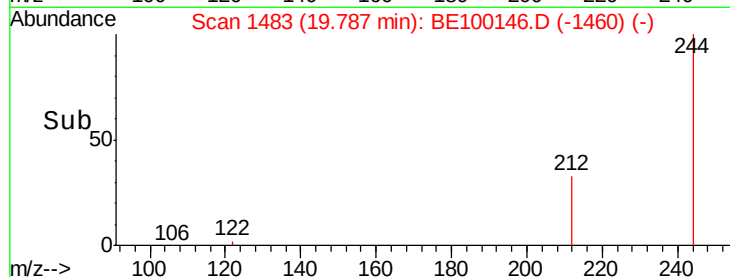
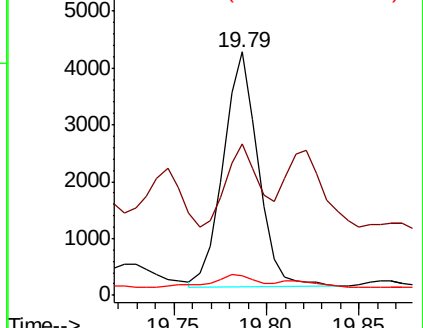
122 7.8 6.1 9.1



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: 20.582 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

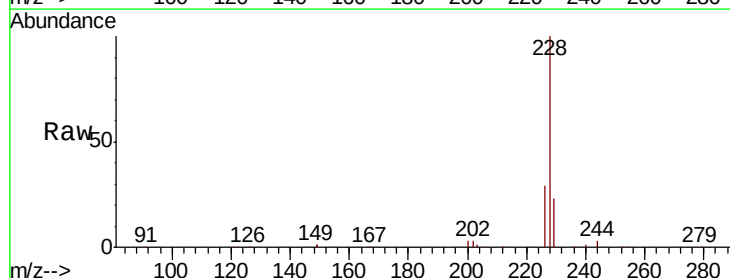
Tgt Ion:228 Resp: 640950

Ion Ratio Lower Upper

228 100

226 29.0 23.0 34.4

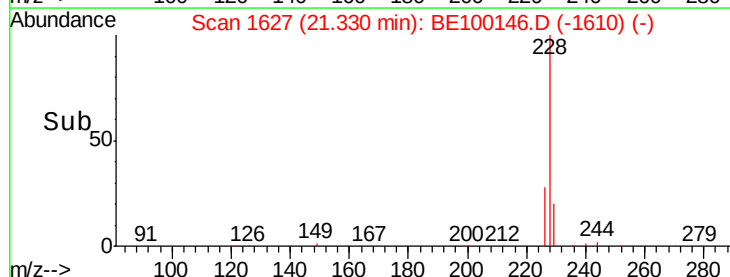
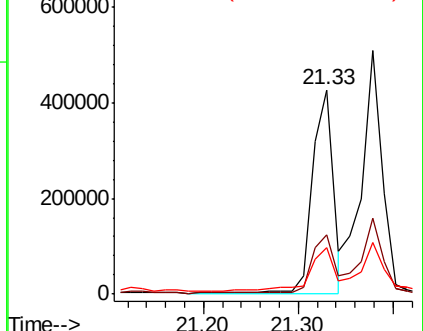
229 23.0 16.4 24.6

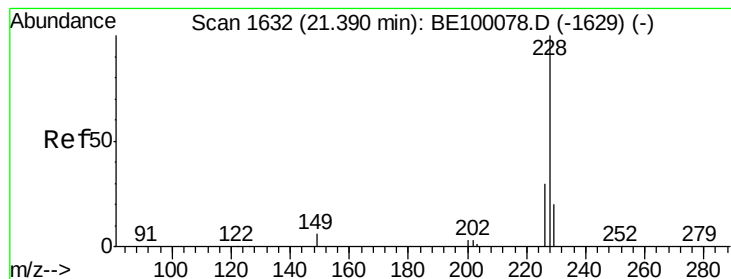


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 18.404 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319

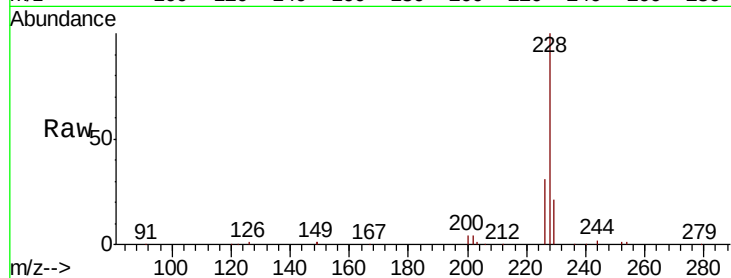
Tgt Ion:228 Resp: 665938

Ion Ratio Lower Upper

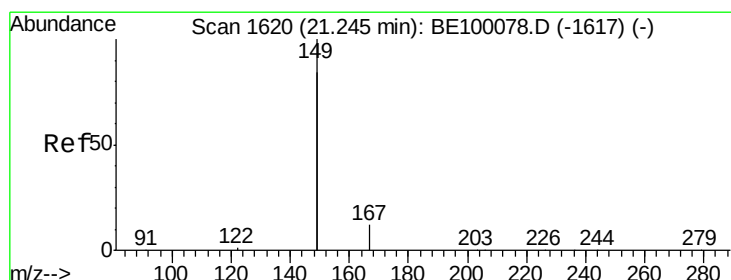
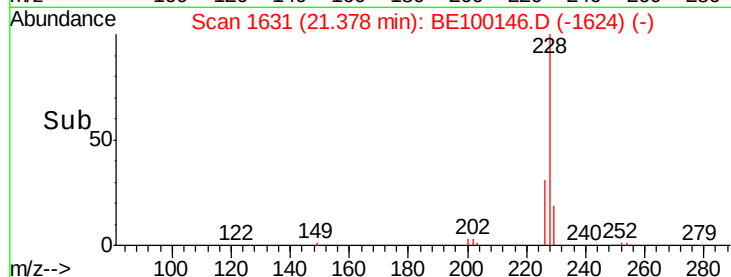
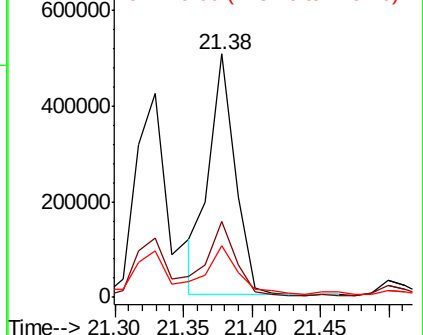
228 100

226 31.4 23.8 35.8

229 21.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.843 ng

RT: 21.24 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

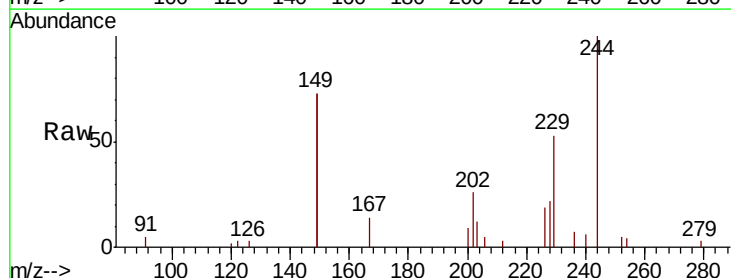
Tgt Ion:149 Resp: 24758

Ion Ratio Lower Upper

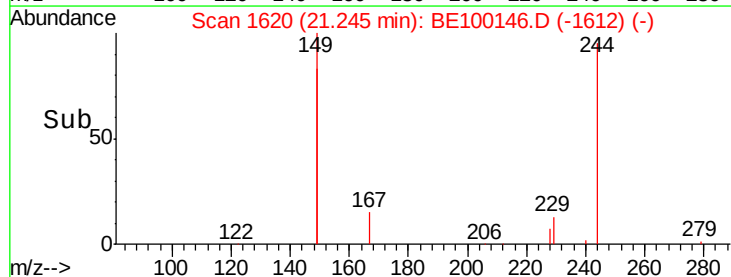
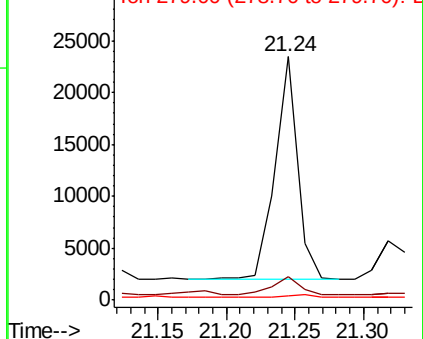
149 100

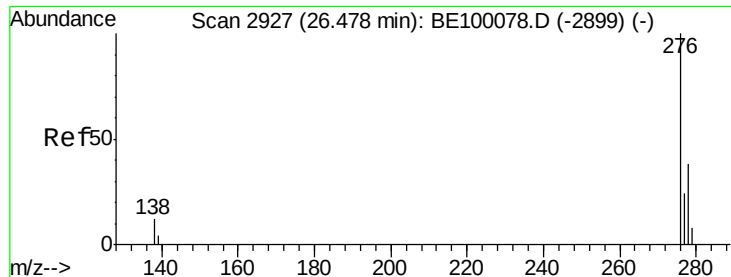
167 9.7 5.8 8.6#

279 1.5 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: 6.257 ng

RT: 26.47 min Scan# 2926

Delta R.T. -0.00 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319

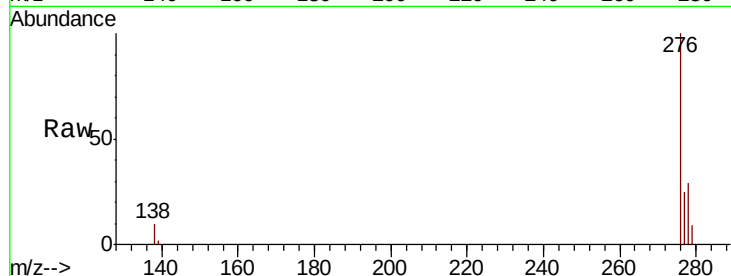
Tgt Ion:276 Resp: 254744

Ion Ratio Lower Upper

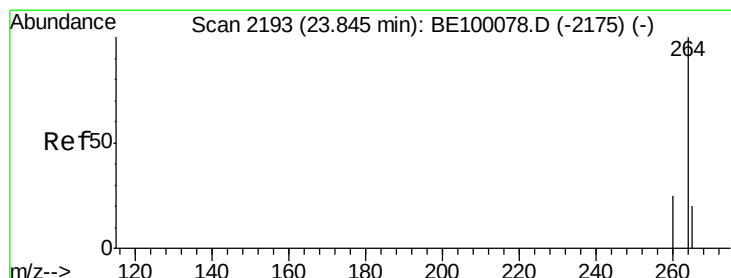
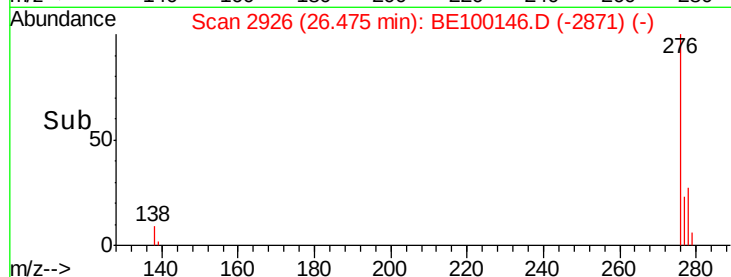
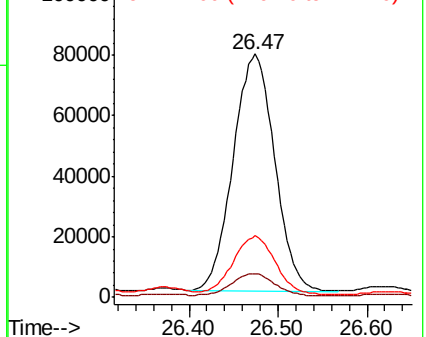
276 100

138 9.6 4.3 6.5#

277 25.1 19.4 29.0



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: 23.83 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

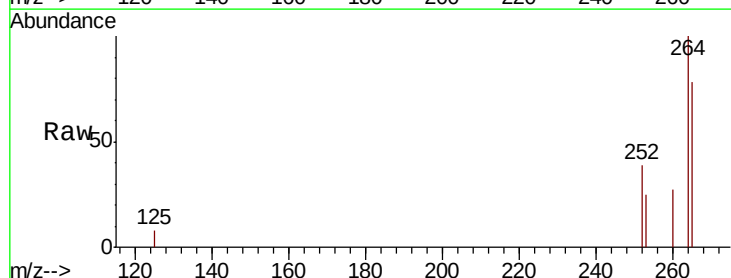
Tgt Ion:264 Resp: 13768

Ion Ratio Lower Upper

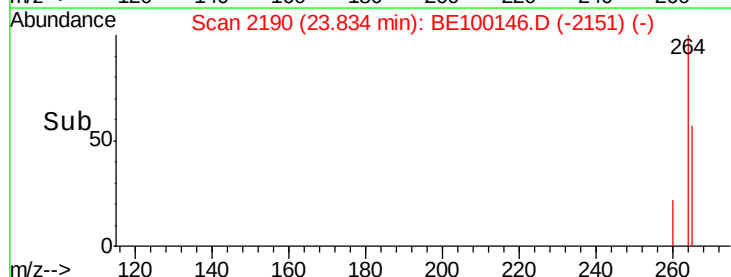
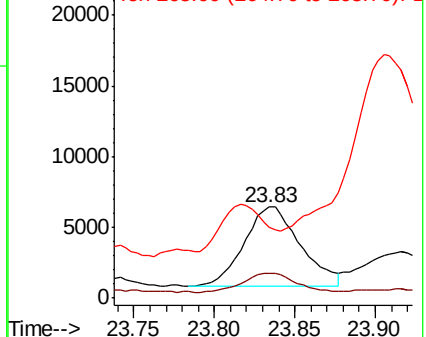
264 100

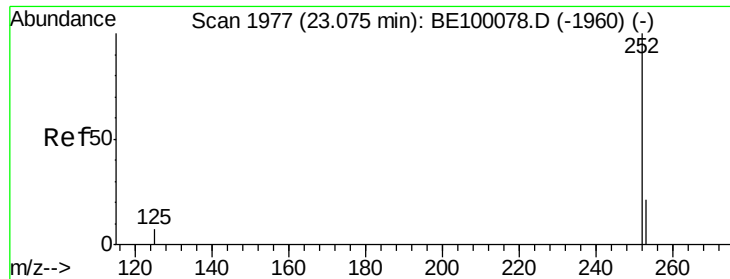
260 27.3 20.8 31.2

265 77.7 23.2 34.8#



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

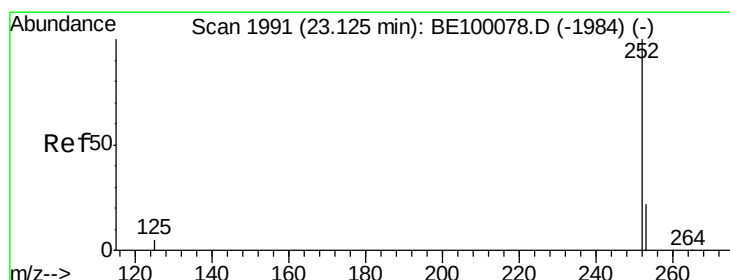
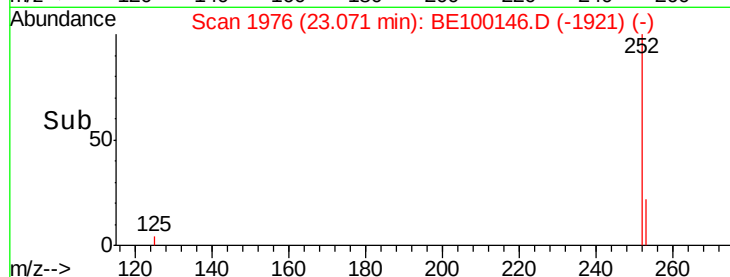
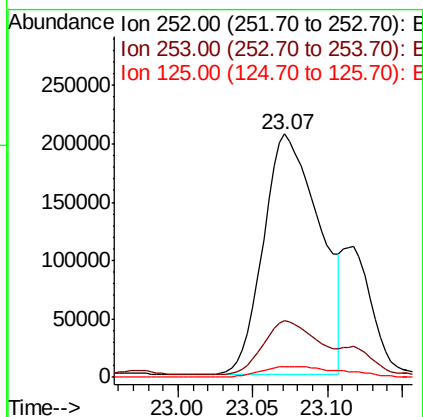
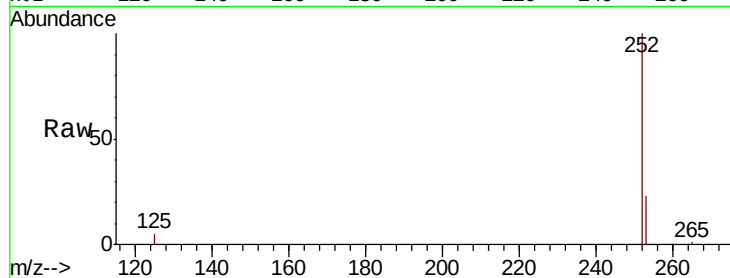




#35
Benzo(b)fluoranthene
Concen: 13.384 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

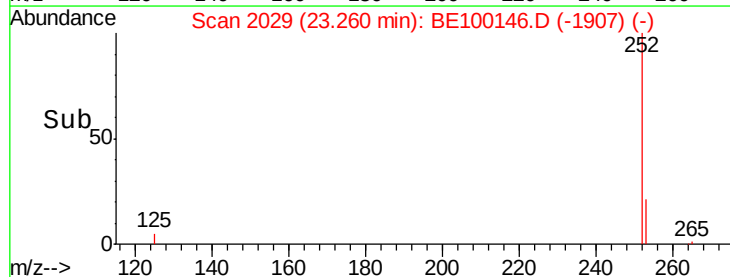
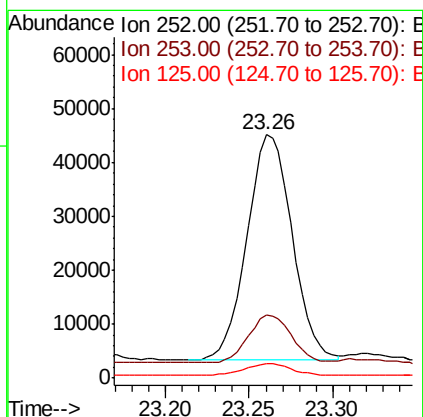
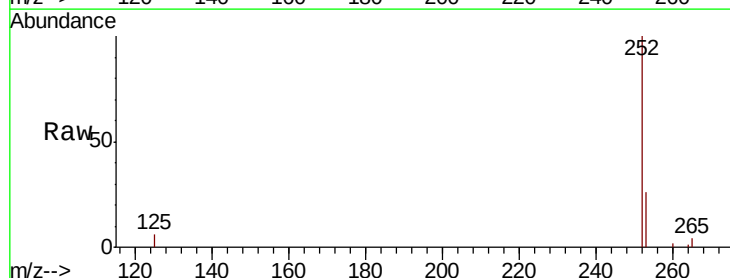
Instrument :
BNA_E
ClientSampleId :
EXT-084-SW156-061319

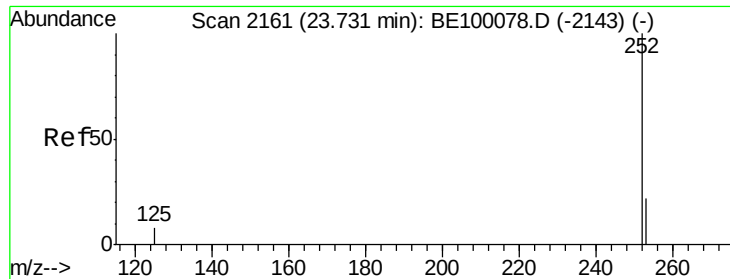
Tgt Ion: 252 Resp: 540740
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 4.6 6.4 9.6#



#36
Benzo(k)fluoranthene
Concen: 1.702 ng
RT: 23.26 min Scan# 2029
Delta R.T. 0.14 min
Lab File: BE100146.D
Acq: 21 Jun 2019 21:06

Tgt Ion: 252 Resp: 78234
Ion Ratio Lower Upper
252 100
253 25.9 18.9 28.3
125 6.0 5.3 7.9





#37

Benzo(a)pyrene

Concen: 13.238 ng

RT: 23.72 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319

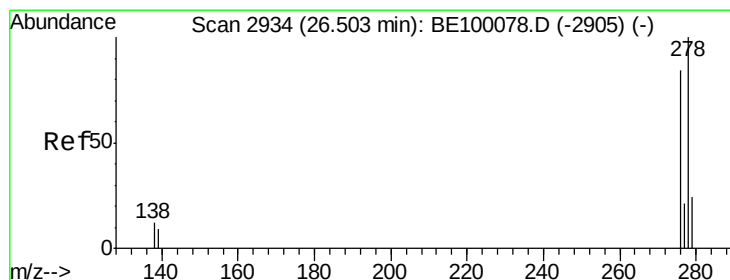
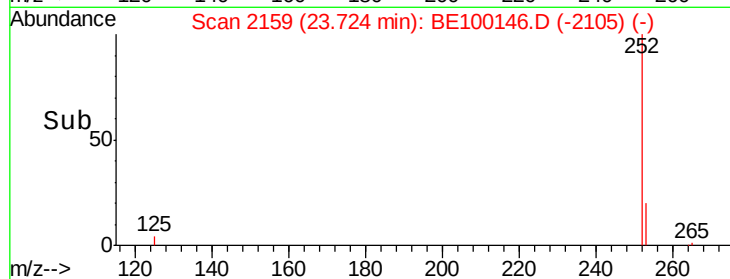
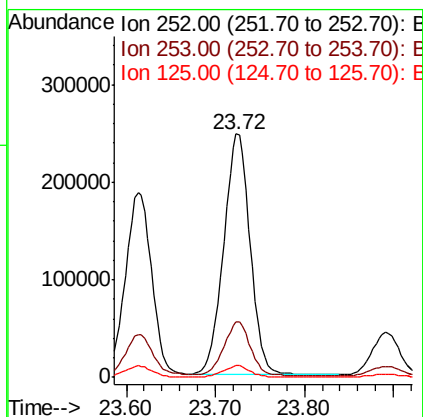
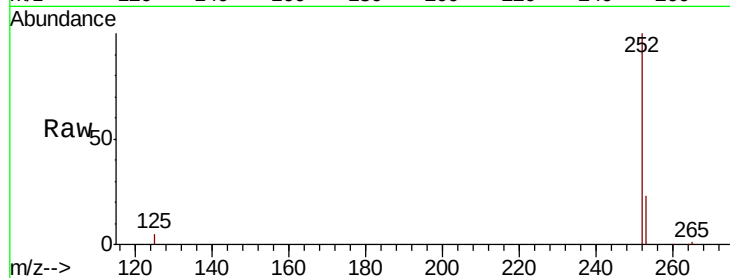
Tgt Ion:252 Resp: 516258

Ion Ratio Lower Upper

252 100

253 22.5 19.4 29.2

125 4.7 8.0 12.0#



#38

Dibenzo(a,h)anthracene

Concen: 2.280 ng

RT: 26.49 min Scan# 2929

Delta R.T. -0.02 min

Lab File: BE100146.D

Acq: 21 Jun 2019 21:06

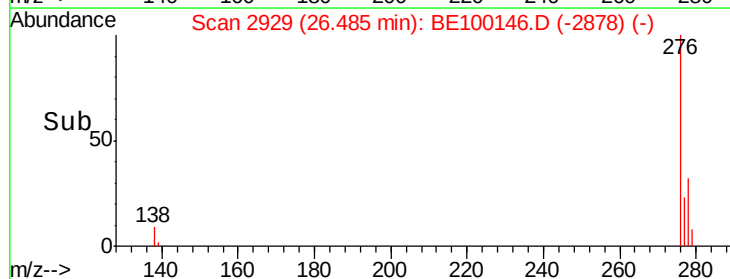
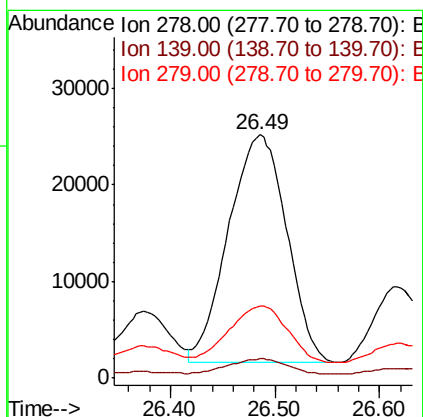
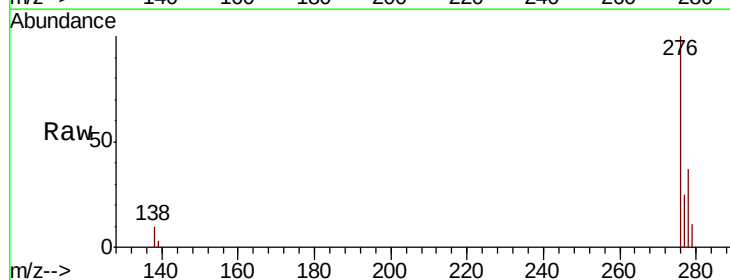
Tgt Ion:278 Resp: 91154

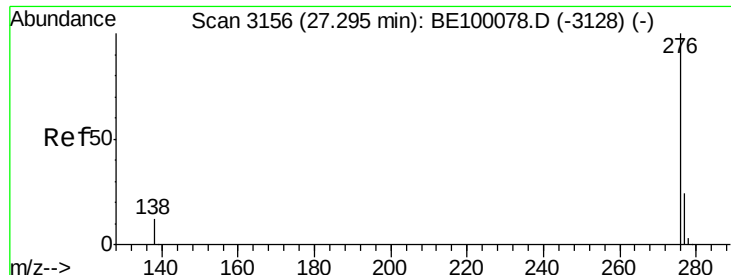
Ion Ratio Lower Upper

278 100

139 8.0 9.0 13.6#

279 29.5 21.4 32.0





#39

Benzo(g,h,i)perylene

Concen: 7.558 ng

RT: 27.29 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BE100146.D

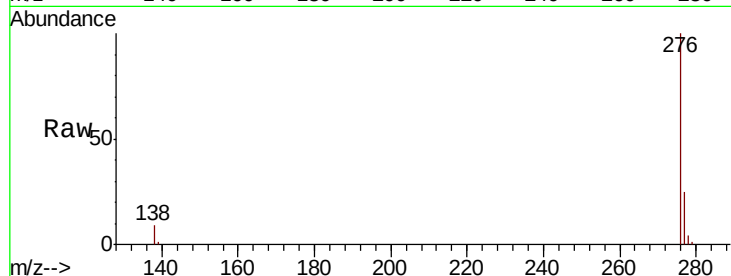
Acq: 21 Jun 2019 21:06

Instrument :

BNA_E

ClientSampleId :

EXT-084-SW156-061319



Tgt Ion: 276 Resp: 313953

Ion Ratio Lower Upper

276 100

277 24.8 20.3 30.5

138 9.5 11.3 16.9

