

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062119\
 Data File : BE100148.D
 Acq On : 22 Jun 2019 00:23
 Operator : JU/SJ
 Sample : K3428-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW159-061319

Quant Time: Jun 22 02:05:43 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	7.73	152	696	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	2576	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	2350	0.40	ng	-0.01
19) Phenanthrene-d10	17.15	188	7333	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	9551	0.40	ng	0.00
34) Perylene-d12	23.83	264	11403	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.30	112	596	0.41	ng	0.00
5) Phenol-d6	6.90	99	833	0.42	ng	-0.03
8) Nitrobenzene-d5	8.90	82	864	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	152	0.03	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	601	0.46	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	2840	0.31	ng	-0.01
25) Fluoranthene-d10	19.19	212	2608	0.02	ng	0.00
29) Terphenyl-d14	19.79	244	7160	0.37	ng	-0.02

Target Compounds

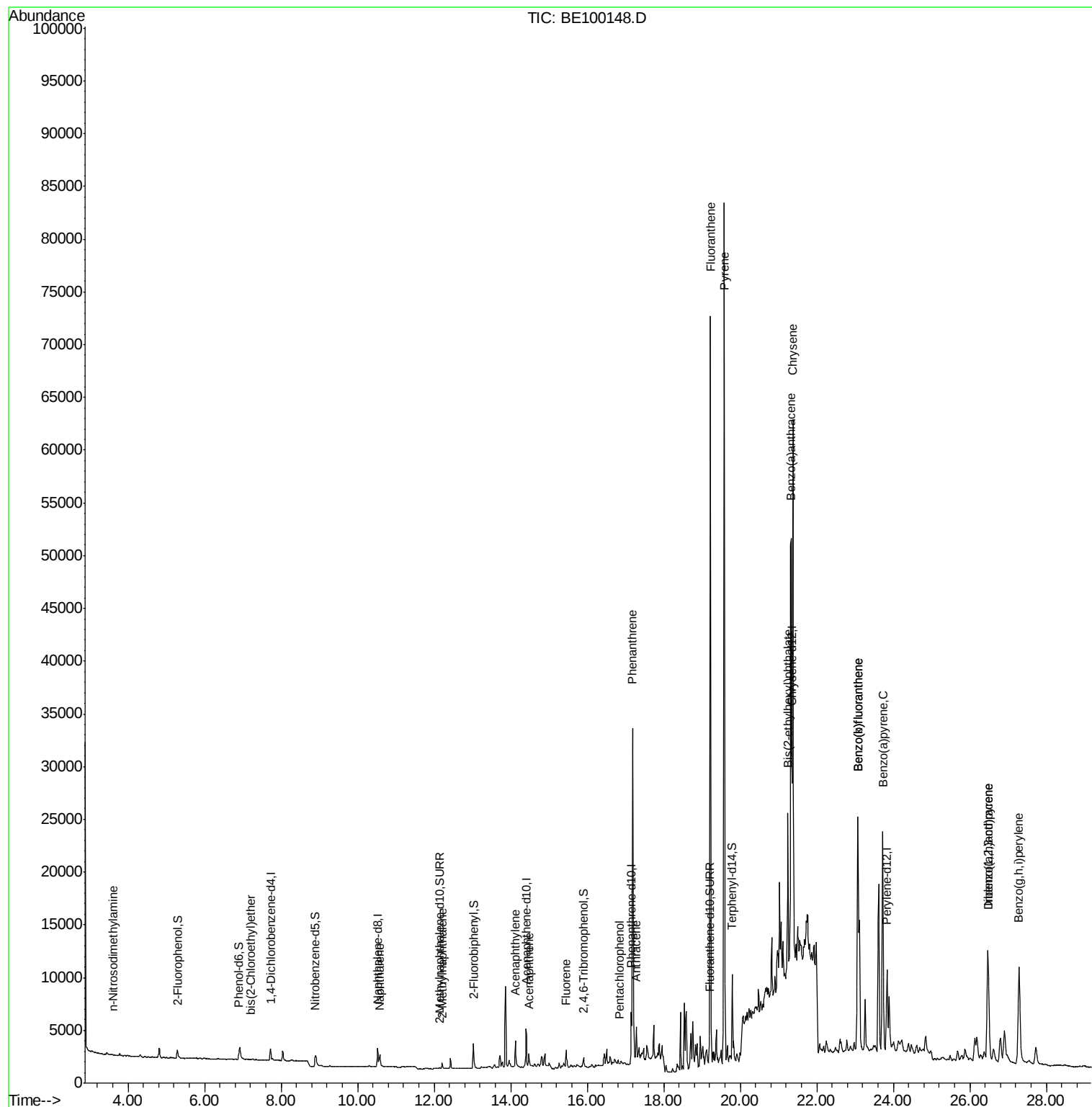
						Qvalue
3) n-Nitrosodimethylamine	3.61	42	9	0.354	ng	# 100
6) bis(2-Chloroethyl)ether	7.21	93	14	0.040	ng	# 1
9) Naphthalene	10.58	128	2052	0.073	ng	# 92
12) 2-Methylnaphthalene	12.21	142	442	0.096	ng	92
16) Acenaphthylene	14.13	152	3022	0.271	ng	# 97
17) Acenaphthene	14.47	154	571	0.092	ng	93
18) Fluorene	15.45	166	1489	0.160	ng	# 85
22) Pentachlorophenol	16.85	266	22	0.256	ng	91
23) Phenanthrene	17.19	178	40068	2.281	ng	99
24) Anthracene	17.28	178	4437	0.299	ng	97
26) Fluoranthene	19.22	202	64681	2.293	ng	98
28) Pyrene	19.58	202	82125	3.345	ng	# 96
30) Benzo(a)anthracene	21.32	228	41999	1.478	ng	94
31) Chrysene	21.38	228	49711	1.506	ng	96
32) Bis(2-ethylhexyl)phthalate	21.25	149	16806	0.627	ng	100
33) Indeno(1,2,3-cd)pyrene	26.47	276	21997	0.592	ng	# 98
35) Benzo(b)fluoranthene	23.07	252	45052	1.346	ng	93
36) Benzo(k)fluoranthene	23.07	252	45052	1.184	ng	93
37) Benzo(a)pyrene	23.72	252	34028	1.053	ng	97
38) Dibenzo(a,h)anthracene	26.49	278	6326	0.191	ng	# 73
39) Benzo(g,h,i)perylene	27.29	276	24134	0.701	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: 7.73 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW159-061319

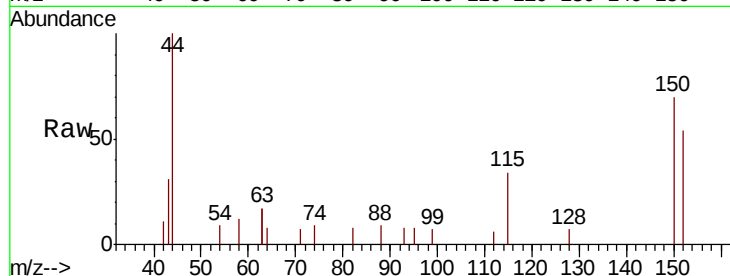
Tgt Ion:152 Resp: 696

Ion Ratio Lower Upper

152 100

150 128.9 99.8 149.8

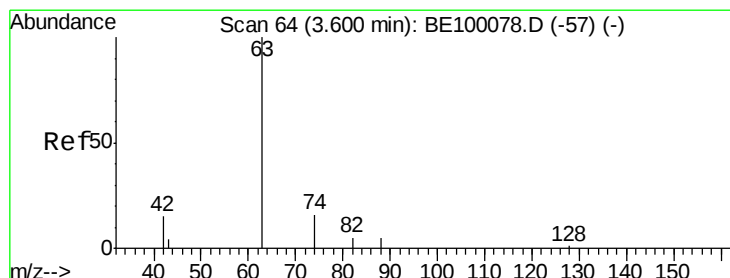
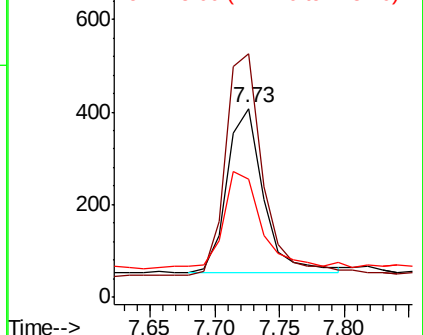
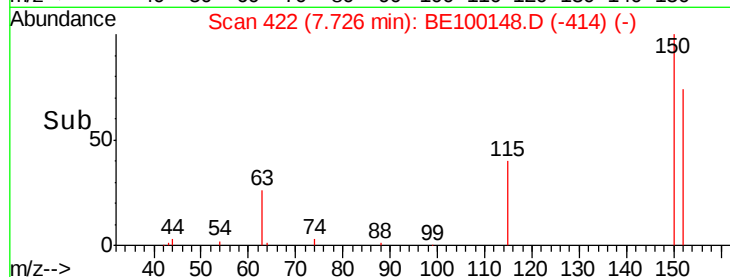
115 62.5 51.3 76.9



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: 0.354 ng

RT: 3.61 min Scan# 65

Delta R.T. 0.02 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

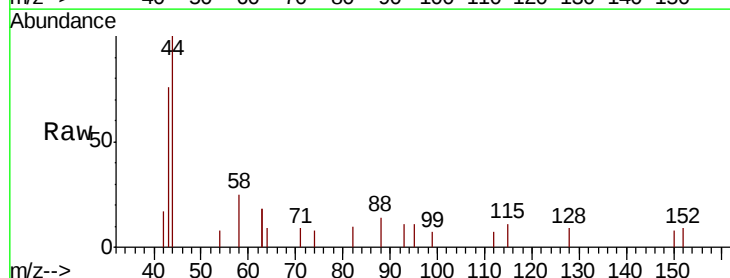
Tgt Ion: 42 Resp: 9

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

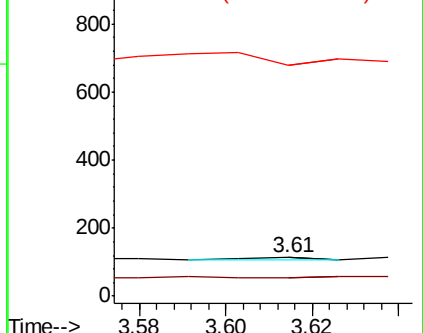
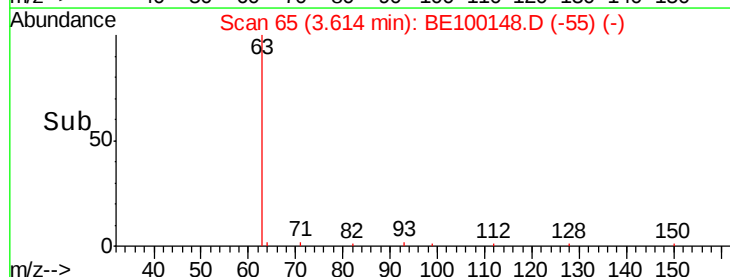
44 944.4 0.0 0.0#

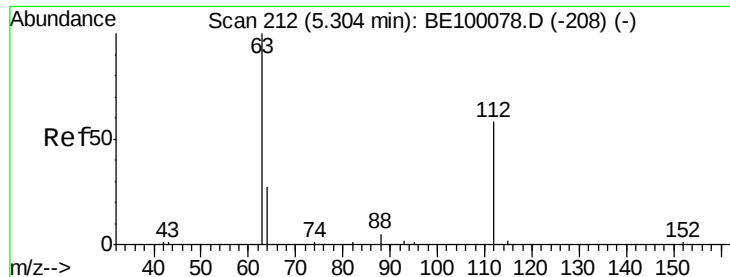


Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1





#4

2-Fluorophenol

Concen: 0.413 ng

RT: 5.30 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

Instrument :

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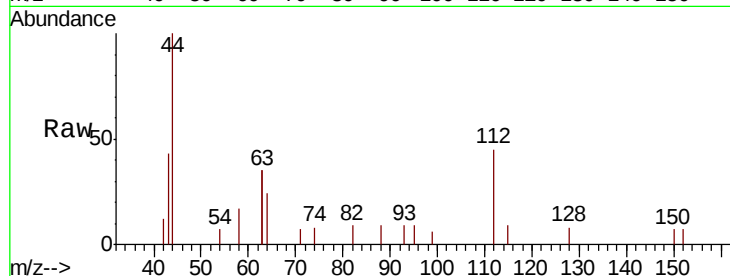
Tgt Ion: 112 Resp: 596

Ion Ratio Lower Upper

112 100

64 53.7 22.0 33.0#

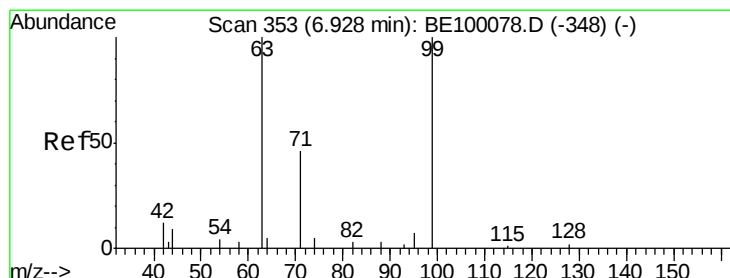
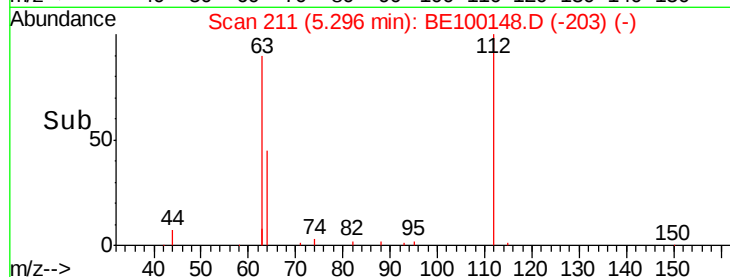
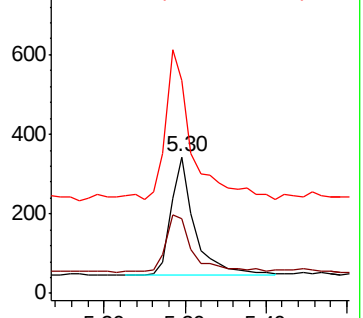
63 139.8 121.8 182.6



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



#5

Phenol-d6

Concen: 0.420 ng

RT: 6.90 min Scan# 350

Delta R.T. -0.03 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

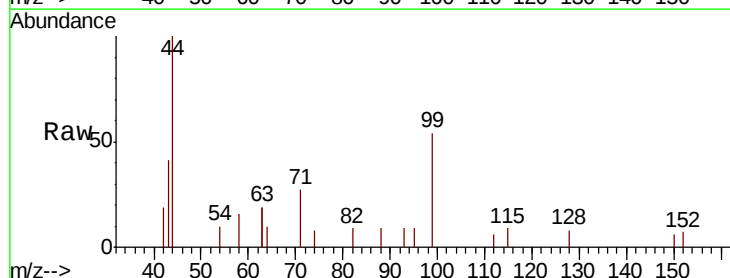
Tgt Ion: 99 Resp: 833

Ion Ratio Lower Upper

99 100

42 18.1 0.0 0.0#

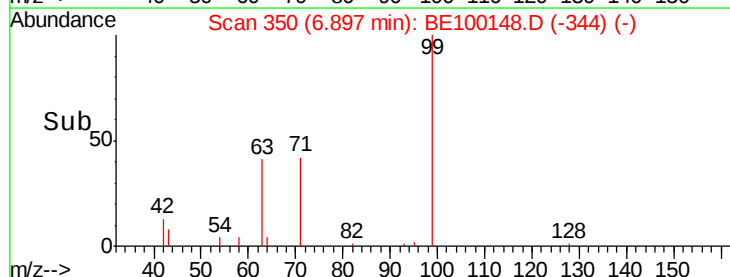
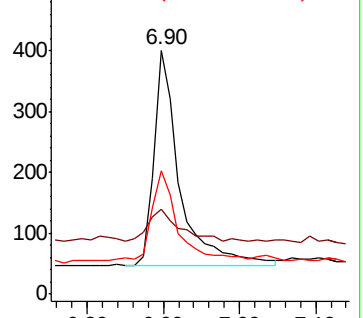
71 39.9 37.6 56.4

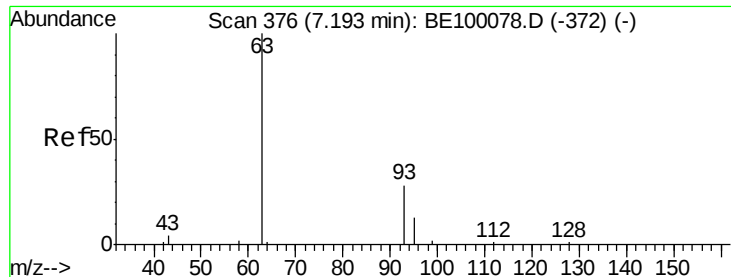


Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1





#6

bis(2-Chloroethyl)ether

Concen: 0.040 ng

RT: 7.21 min Scan# 377

Delta R.T. 0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

Instrument :

BNA_E

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EXT-013-SW159-061319

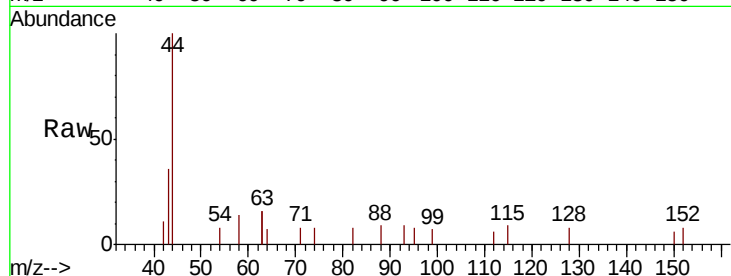
Tgt Ion: 93 Resp: 14

Ion Ratio Lower Upper

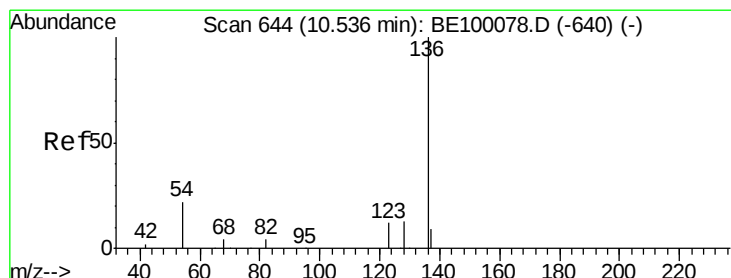
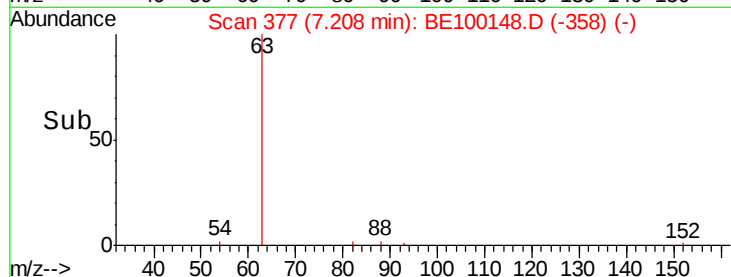
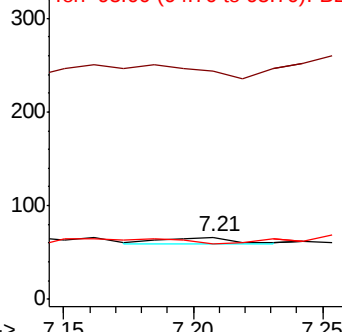
93 100

63 0.0 200.0 300.0#

95 0.0 24.0 36.0#



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: 10.52 min Scan# 643

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

Tgt Ion: 136 Resp: 2576

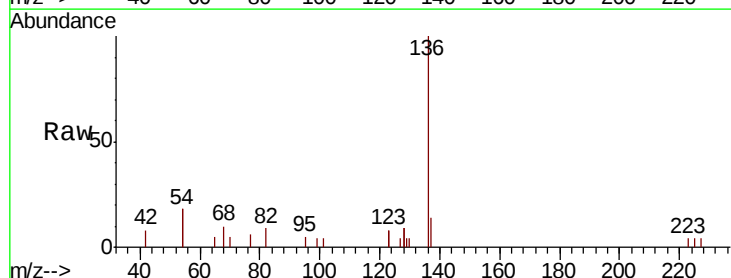
Ion Ratio Lower Upper

136 100

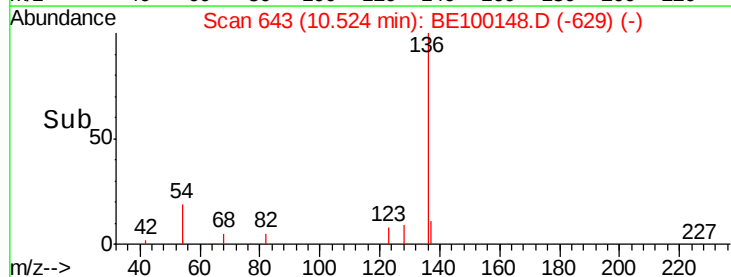
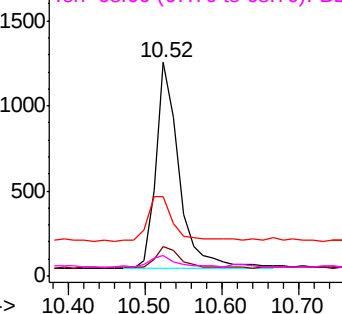
137 14.0 11.6 17.4

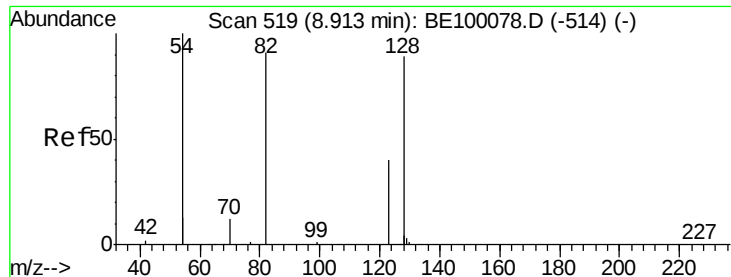
54 36.9 33.9 50.9

68 9.9 7.8 11.8



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: 0.346 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW159-061319

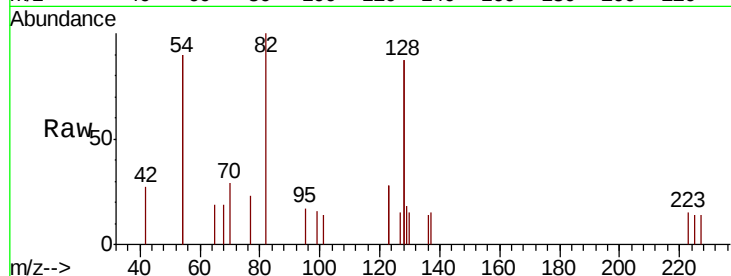
Tgt Ion: 82 Resp: 864

Ion Ratio Lower Upper

82 100

128 174.3 128.0 192.0

54 180.2 143.4 215.0



Abundance Ion 82.00 (81.70 to 82.70): BE1

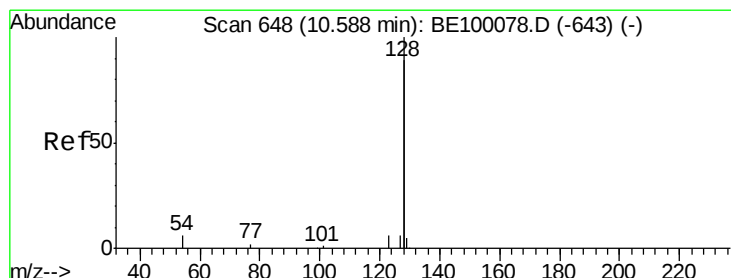
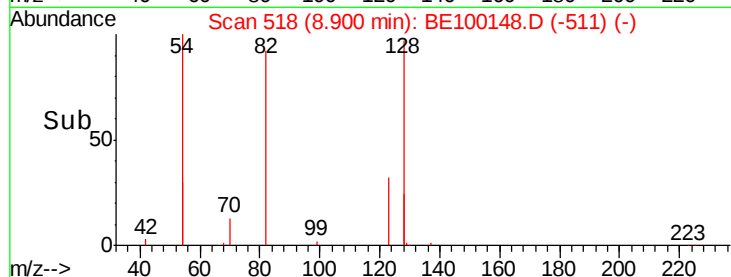
Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

8.90

Time-->

8.80 8.90 9.00 9.10



#9

Naphthalene

Concen: 0.073 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

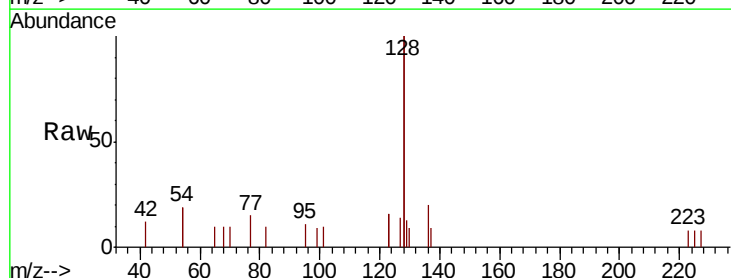
Tgt Ion: 128 Resp: 2052

Ion Ratio Lower Upper

128 100

129 6.7 3.1 4.7#

127 6.9 3.4 5.2#



Abundance Ion 128.00 (127.70 to 128.70): E

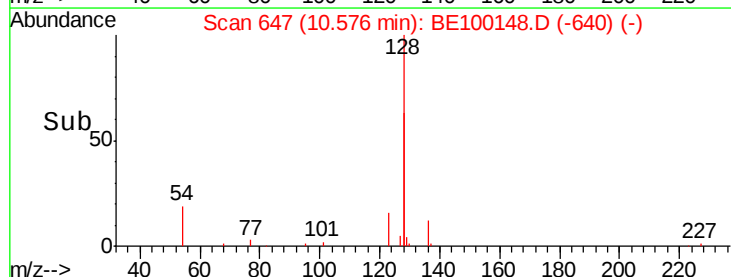
Ion 129.00 (128.70 to 129.70): E

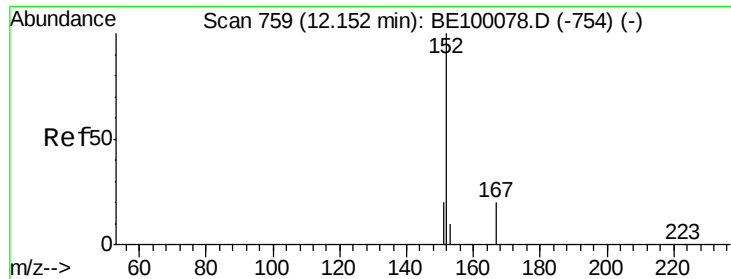
Ion 127.00 (126.70 to 127.70): E

10.58

Time-->

10.50 10.60 10.70

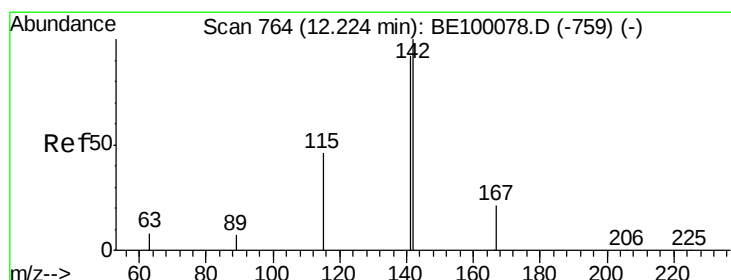
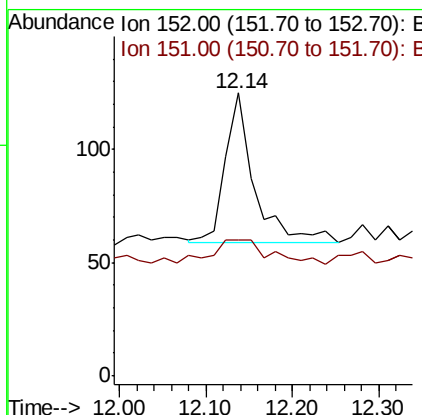
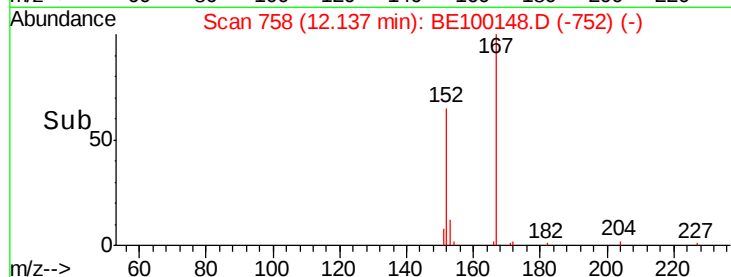
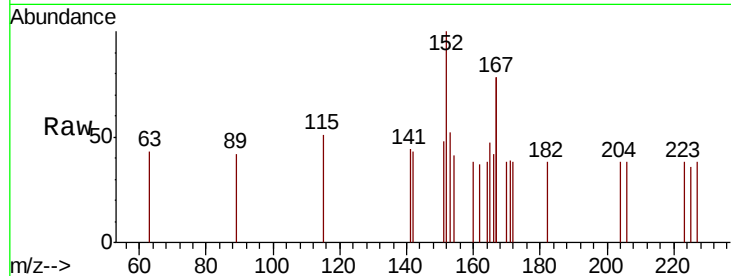




#11
2-Methylnaphthalene-d10
Concen: 0.031 ng
RT: 12.14 min Scan# 758
Delta R.T. -0.01 min
Lab File: BE100148.D
Acq: 22 Jun 2019 00:23

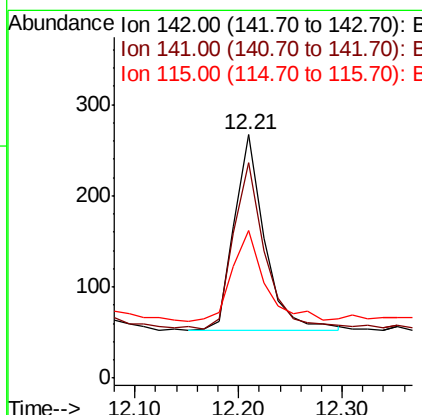
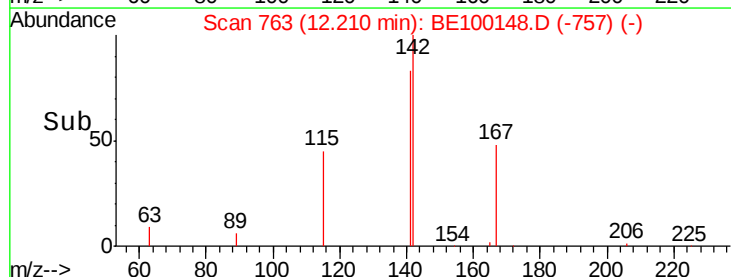
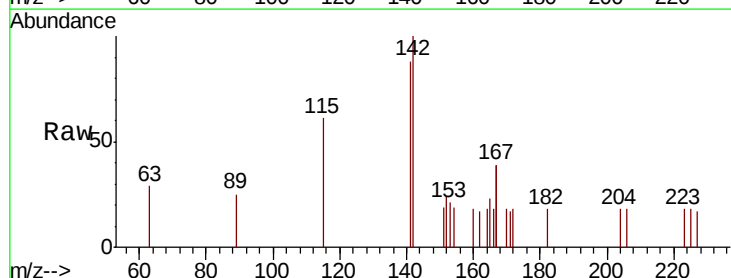
Instrument :
BNA_E
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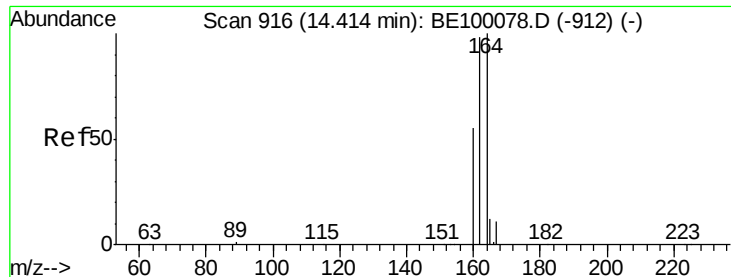
Tgt Ion: 152 Resp: 152
Ion Ratio Lower Upper
152 100
151 34.9 16.3 24.5#



#12
2-Methylnaphthalene
Concen: 0.096 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.01 min
Lab File: BE100148.D
Acq: 22 Jun 2019 00:23

Tgt Ion: 142 Resp: 442
Ion Ratio Lower Upper
142 100
141 88.4 74.1 111.1
115 60.7 40.9 61.3

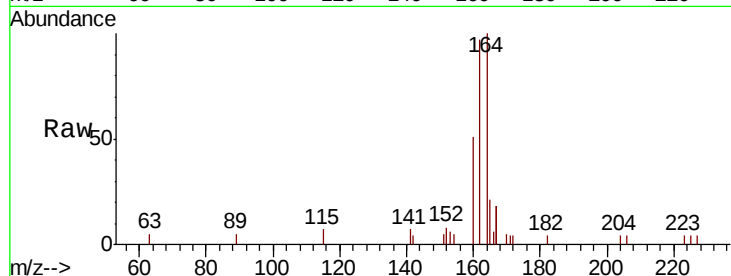




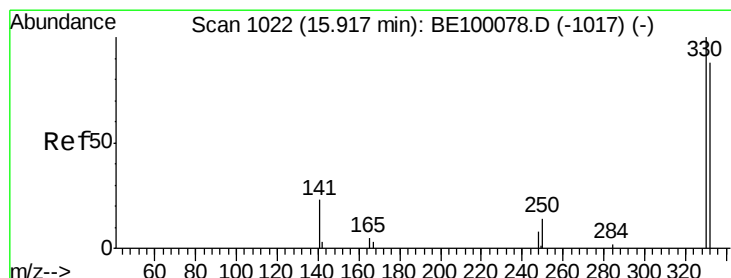
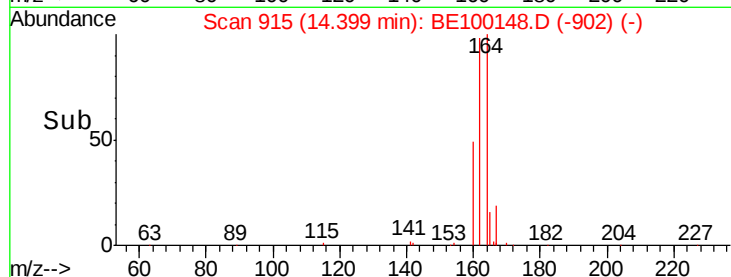
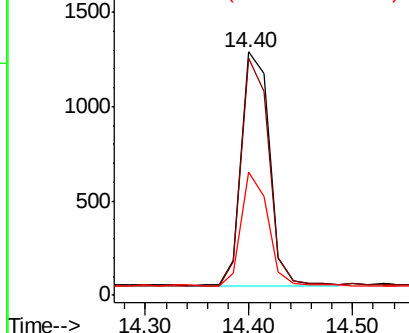
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.01 min
Lab File: BE100148.D
Acq: 22 Jun 2019 00:23

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW159-061319

Tgt Ion:164 Resp: 2350
Ion Ratio Lower Upper
164 100
162 97.4 78.2 117.2
160 50.5 45.6 68.4

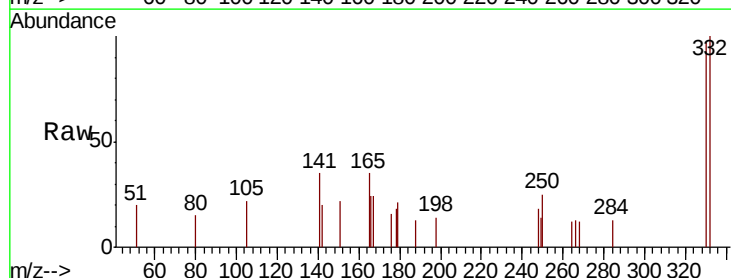


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

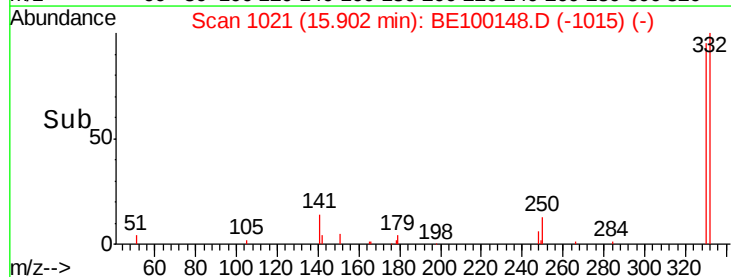
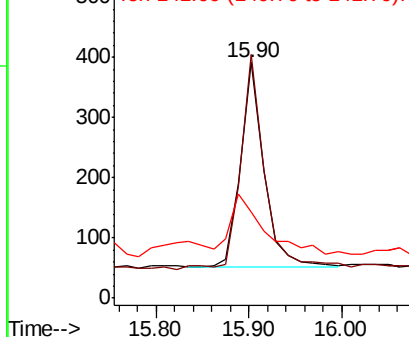


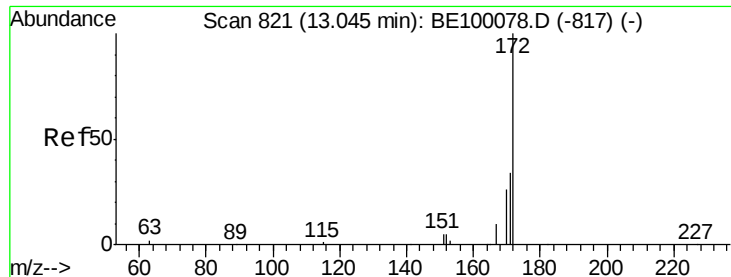
#14
2,4,6-Tribromophenol
Concen: 0.463 ng
RT: 15.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE100148.D
Acq: 22 Jun 2019 00:23

Tgt Ion:330 Resp: 601
Ion Ratio Lower Upper
330 100
332 107.0 73.3 109.9
141 39.6 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

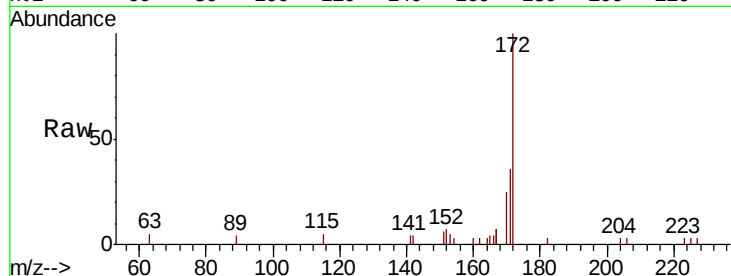




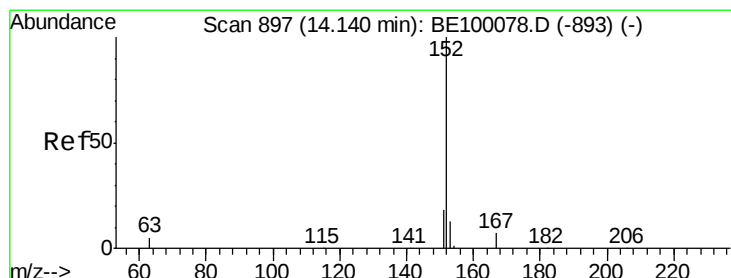
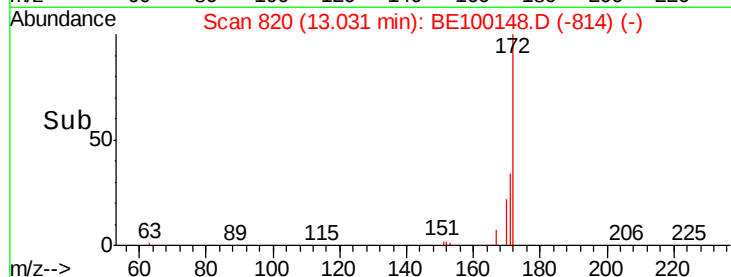
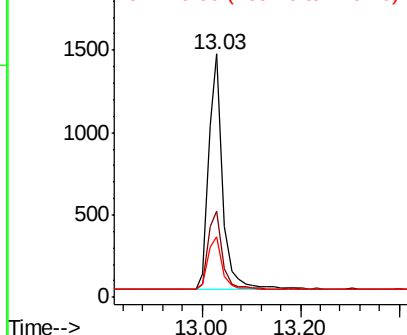
#15
2-Fluorobiphenyl
Concen: 0.307 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100148.D
Acq: 22 Jun 2019 00:23

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW159-061319

Tgt Ion:172 Resp: 2840
Ion Ratio Lower Upper
172 100
171 35.7 29.8 44.8
170 24.8 23.2 34.8

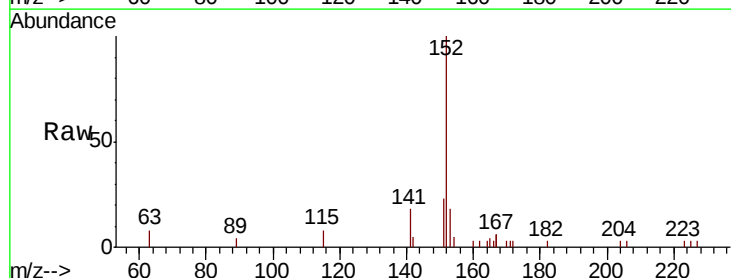


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

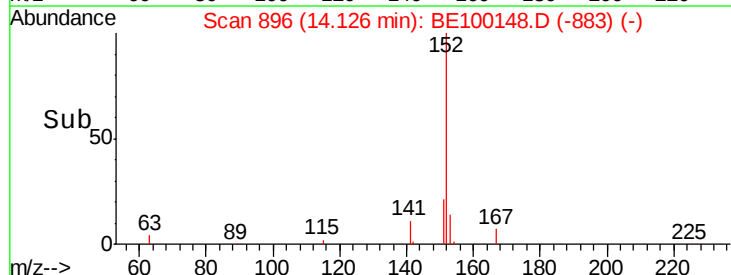
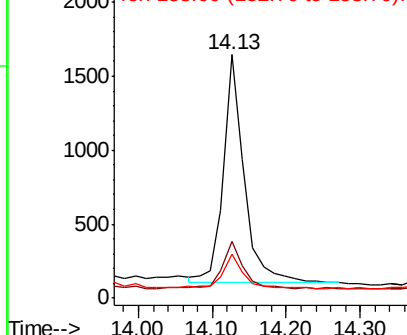


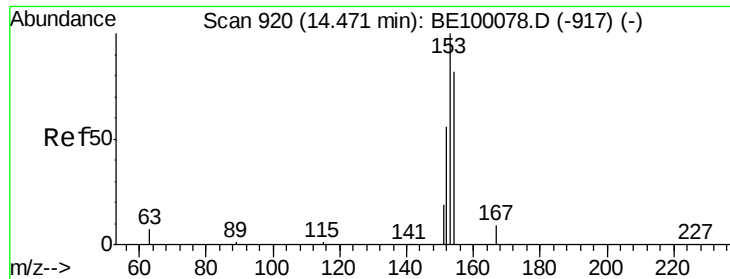
#16
Acenaphthylene
Concen: 0.271 ng
RT: 14.13 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100148.D
Acq: 22 Jun 2019 00:23

Tgt Ion:152 Resp: 3022
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 15.9 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

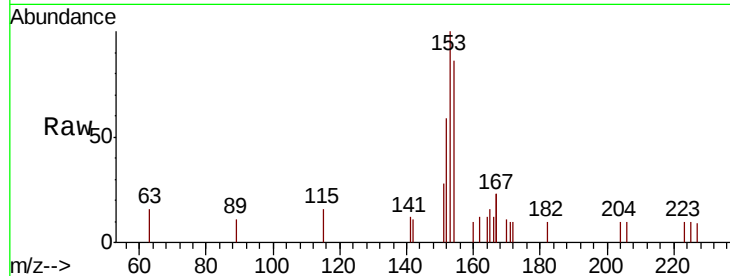




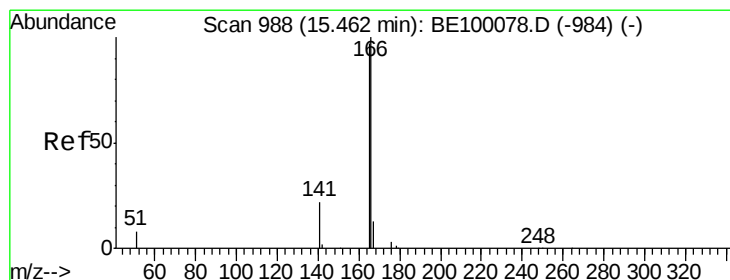
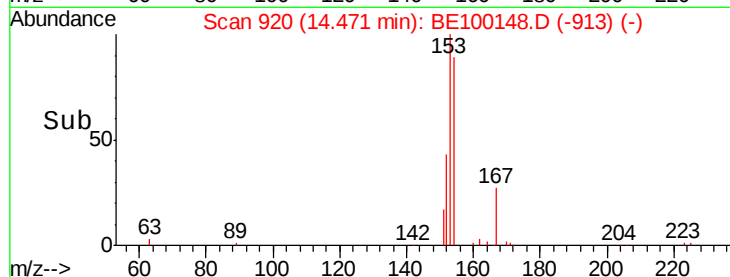
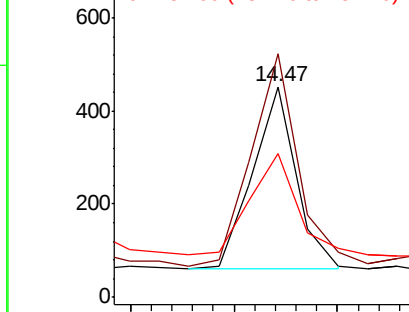
#17
Acenaphthene
Concen: 0.092 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE100148.D
Acq: 22 Jun 2019 00:23

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW159-061319

Tgt Ion:154 Resp: 571
Ion Ratio Lower Upper
154 100
153 125.6 95.5 143.3
152 60.9 54.9 82.3

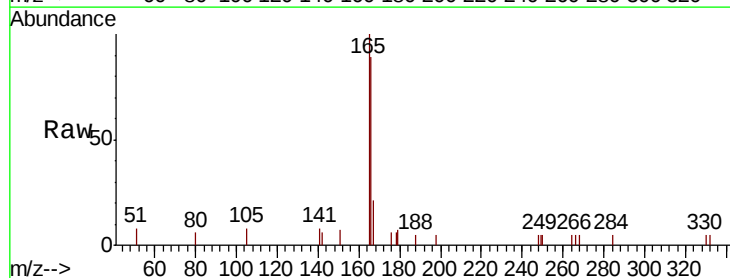


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

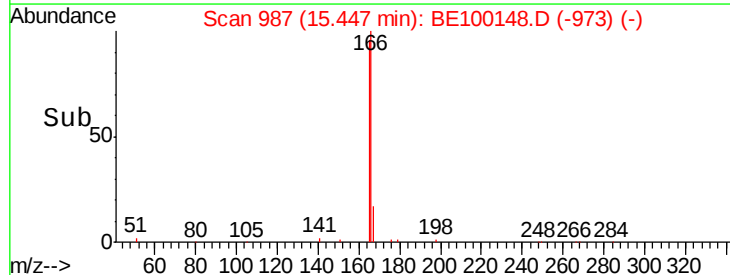
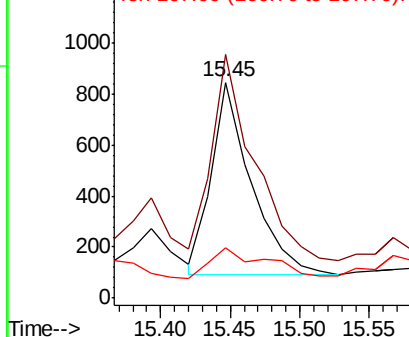


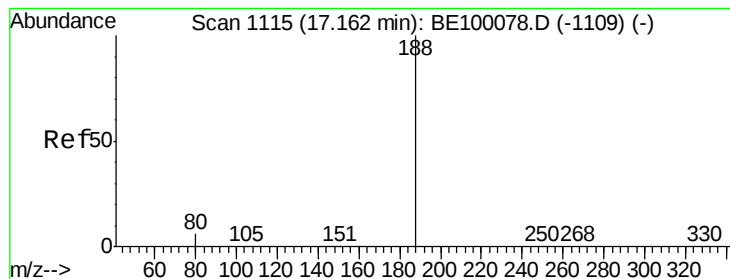
#18
Fluorene
Concen: 0.160 ng
RT: 15.45 min Scan# 987
Delta R.T. -0.01 min
Lab File: BE100148.D
Acq: 22 Jun 2019 00:23

Tgt Ion:166 Resp: 1489
Ion Ratio Lower Upper
166 100
165 113.9 79.8 119.8
167 22.6 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: BE100148.D

Acq: 22 Jun 2019 00:23

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW159-061319

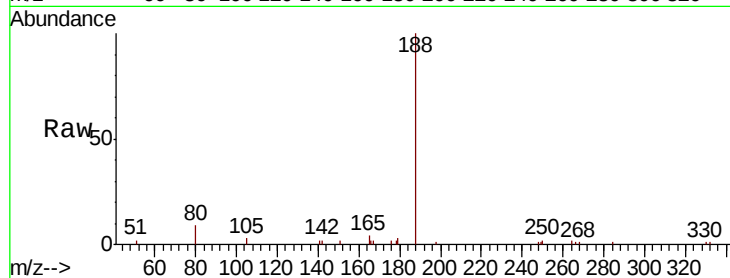
Tgt Ion:188 Resp: 7333

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

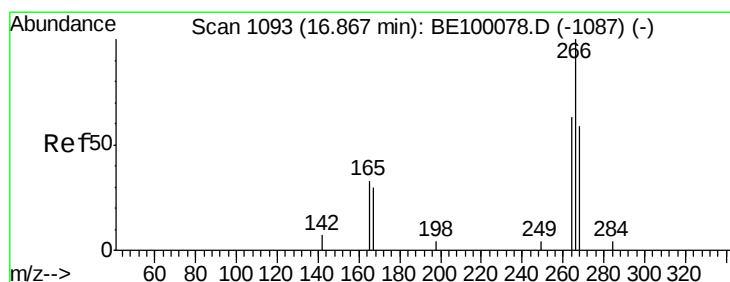
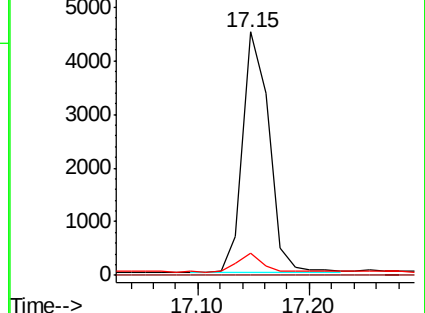
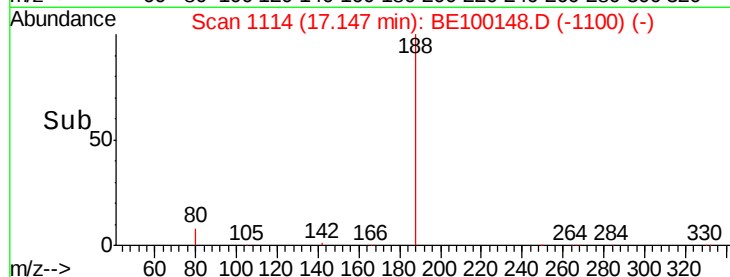
80 9.2 6.3 9.5



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: 0.256 ng

RT: 16.85 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

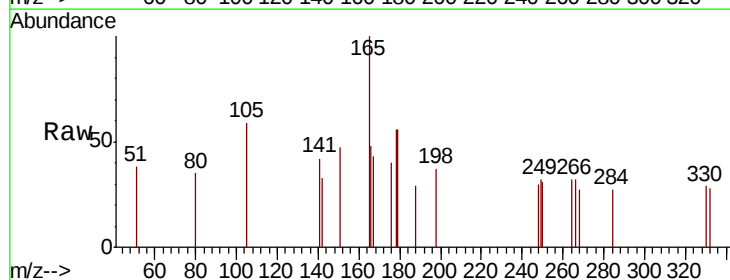
Tgt Ion:266 Resp: 22

Ion Ratio Lower Upper

266 100

264 100.0 67.8 101.6

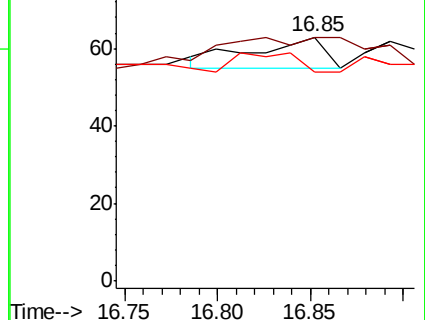
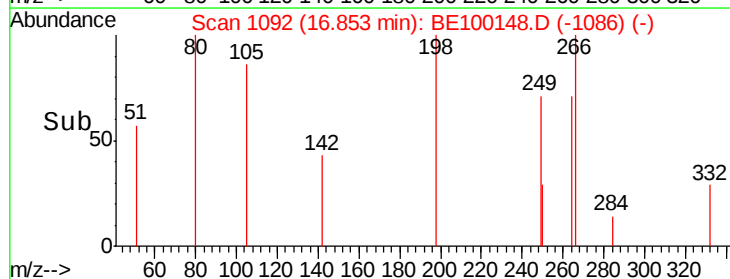
268 85.7 70.0 105.0

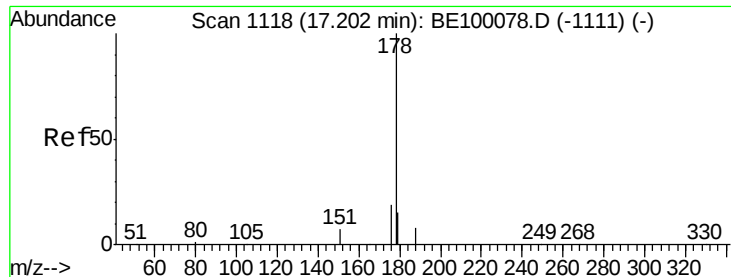


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.281 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW159-061319

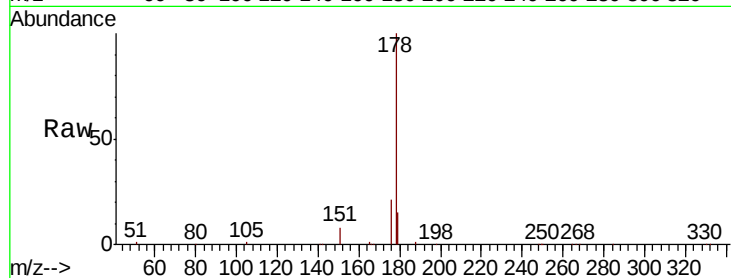
Tgt Ion:178 Resp: 40068

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

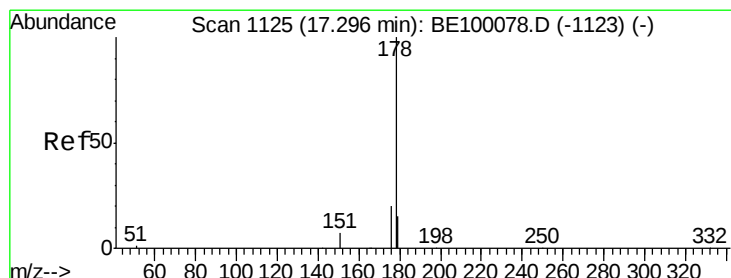
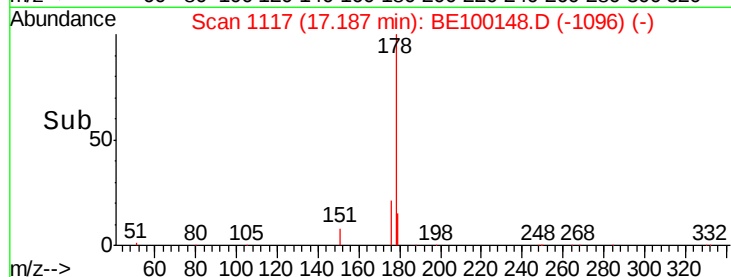
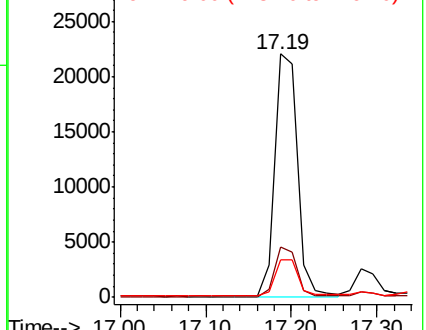
179 15.5 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.299 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

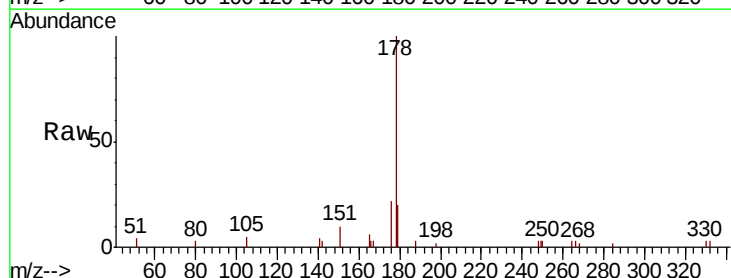
Tgt Ion:178 Resp: 4437

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.6

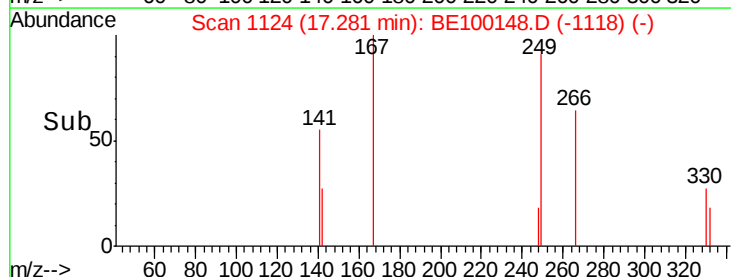
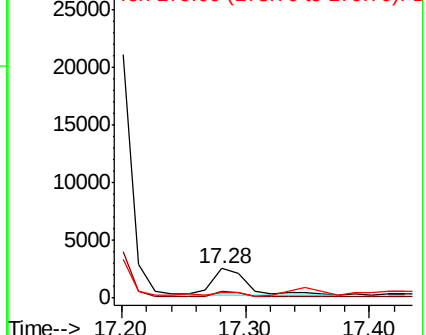
179 13.6 12.0 18.0

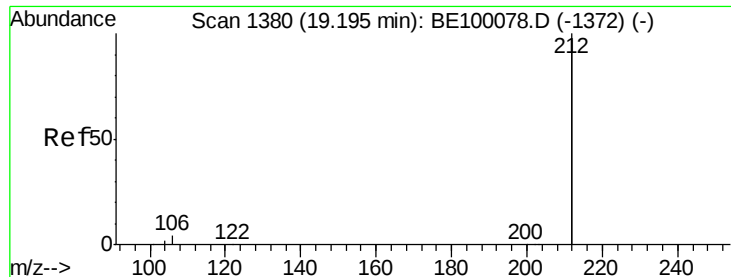


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.025 ng

RT: 19.19 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW159-061319

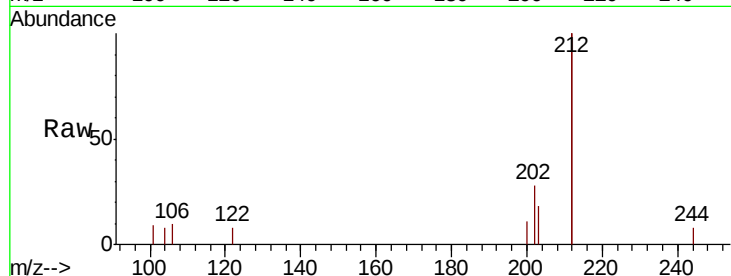
Tgt Ion: 212 Resp: 2608

Ion Ratio Lower Upper

212 100

106 1.6 1.4 2.0

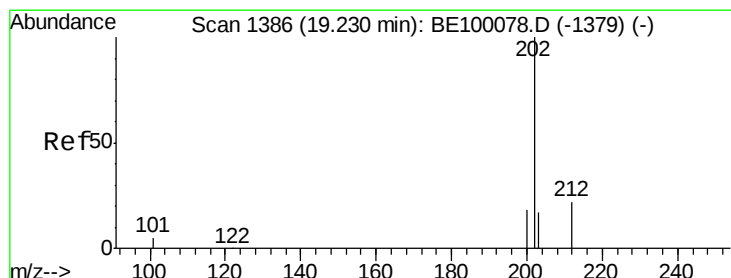
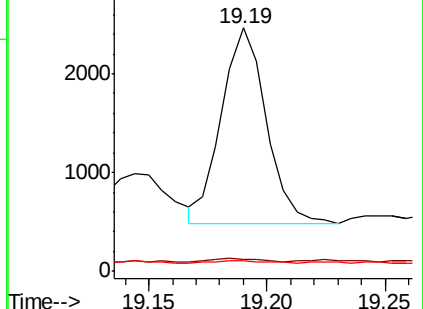
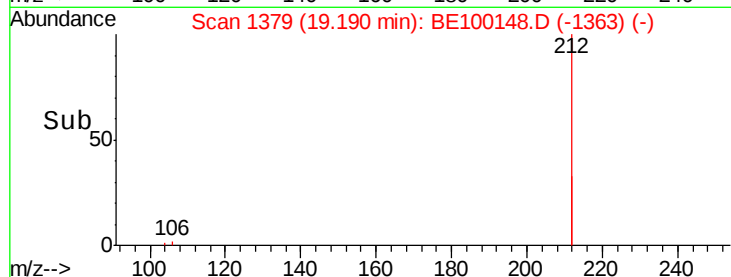
104 1.3 0.8 1.2#



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



#26

Fluoranthene

Concen: 2.293 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

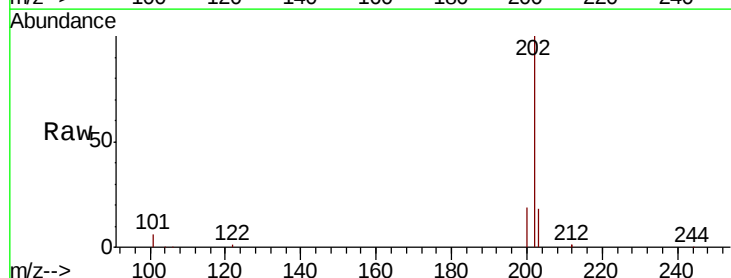
Tgt Ion: 202 Resp: 64681

Ion Ratio Lower Upper

202 100

101 5.8 5.0 7.4

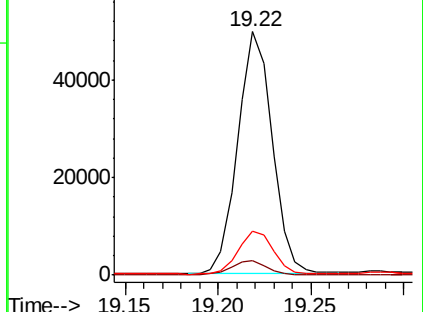
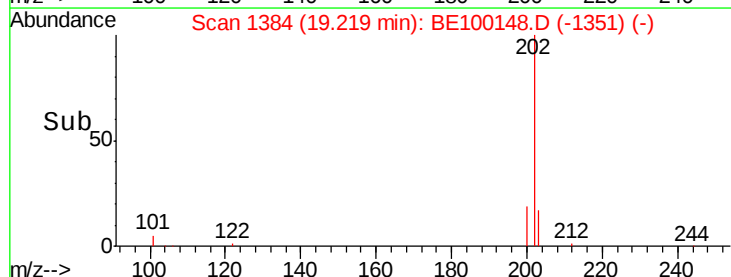
203 17.8 13.7 20.5

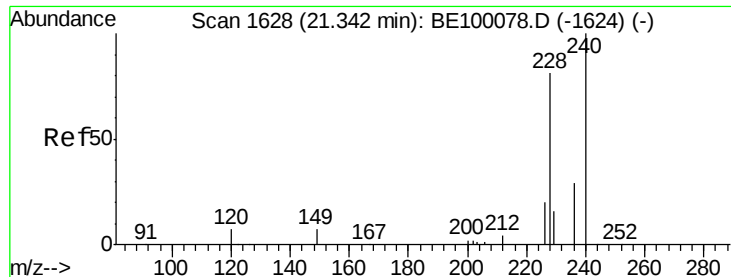


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE100148.D

Acq: 22 Jun 2019 00:23

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW159-061319

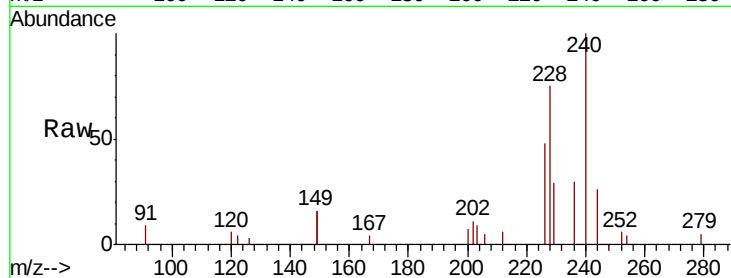
Tgt Ion:240 Resp: 9551

Ion Ratio Lower Upper

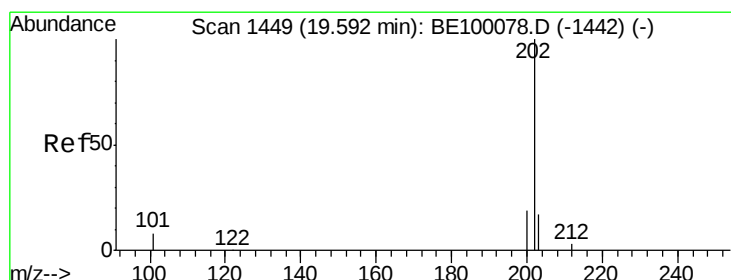
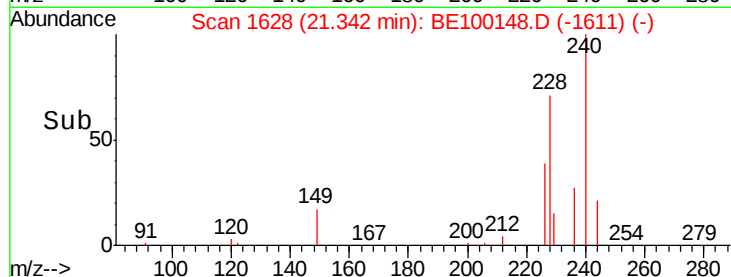
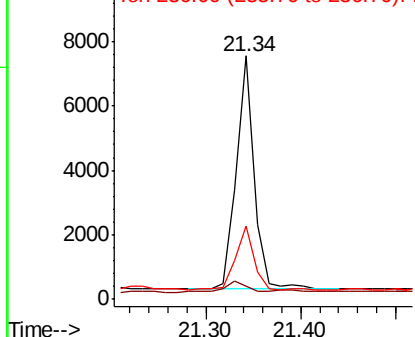
240 100

120 5.6 6.6 10.0#

236 30.0 23.8 35.6



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: 3.345 ng

RT: 19.58 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

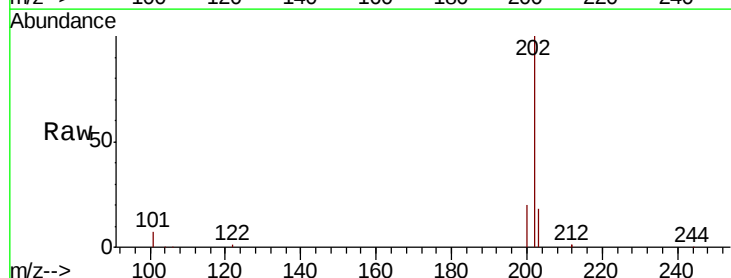
Tgt Ion:202 Resp: 82125

Ion Ratio Lower Upper

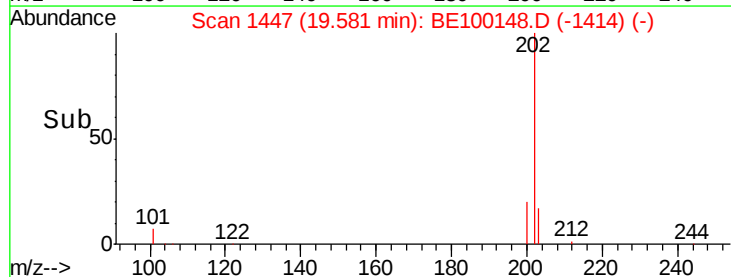
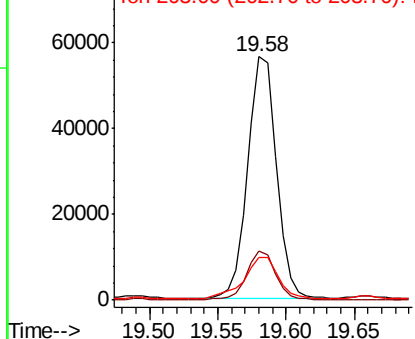
202 100

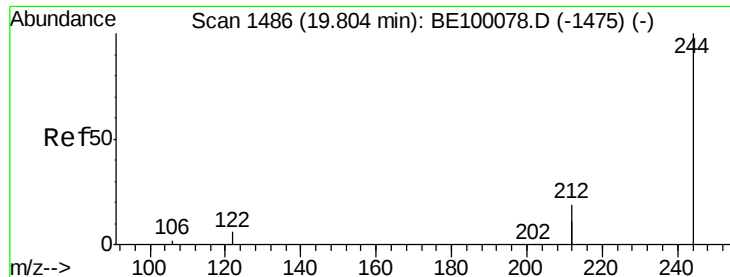
200 19.6 15.6 23.4

203 21.0 13.9 20.9#



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: 0.375 ng

RT: 19.79 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

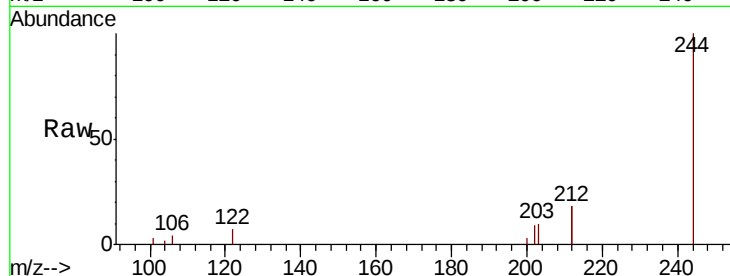
Instrument :

BNA_E

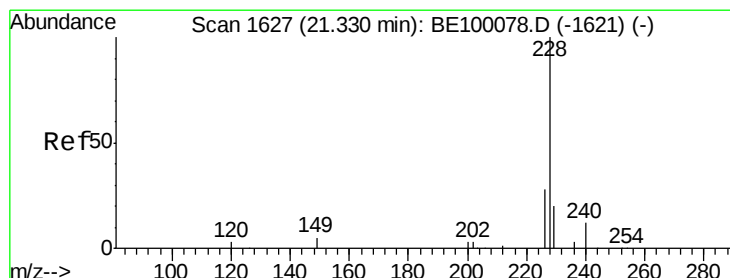
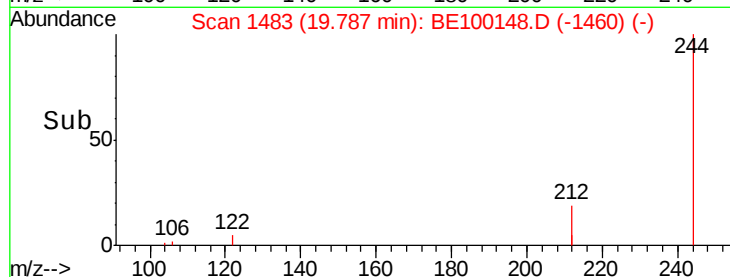
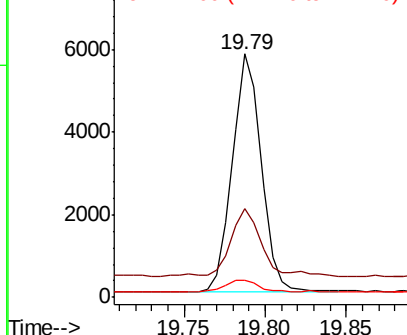
ClientSampleId :

EXT-013-SW159-061319

Tgt Ion:	244	Resp:	7160
Ion	Ratio	Lower	Upper
244	100		
212	36.7	29.8	44.8
122	7.1	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: 1.478 ng

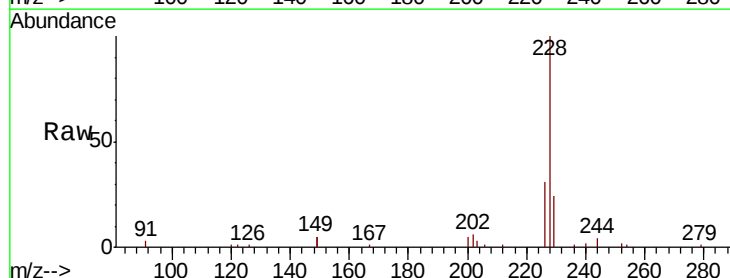
RT: 21.32 min Scan# 1626

Delta R.T. -0.01 min

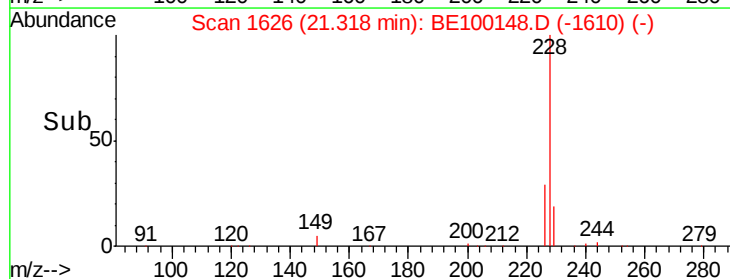
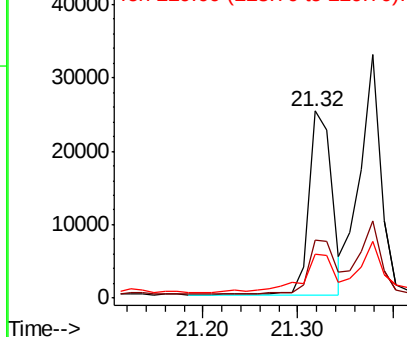
Lab File: BE100148.D

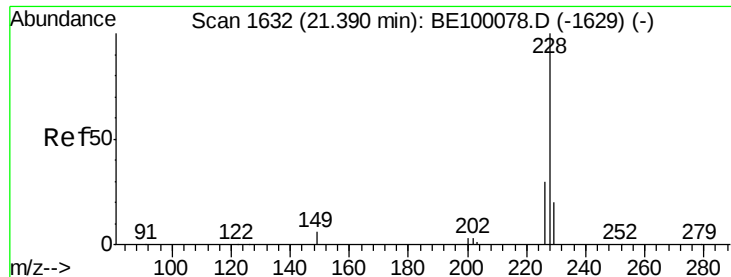
Acq: 22 Jun 2019 00:23

Tgt Ion:	228	Resp:	41999
Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.0	34.4
229	23.6	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: 1.506 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW159-061319

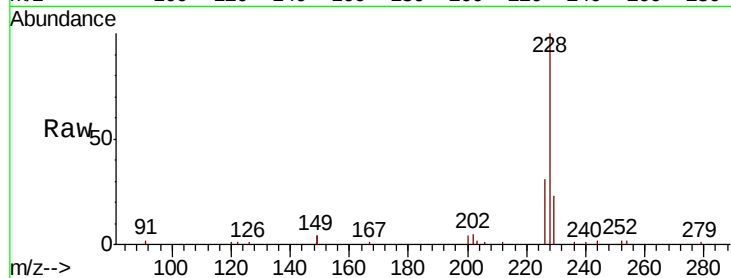
Tgt Ion:228 Resp: 49711

Ion Ratio Lower Upper

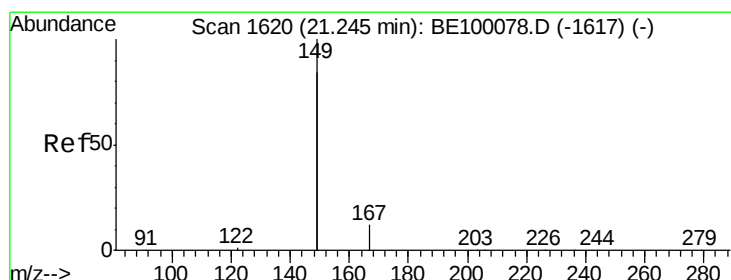
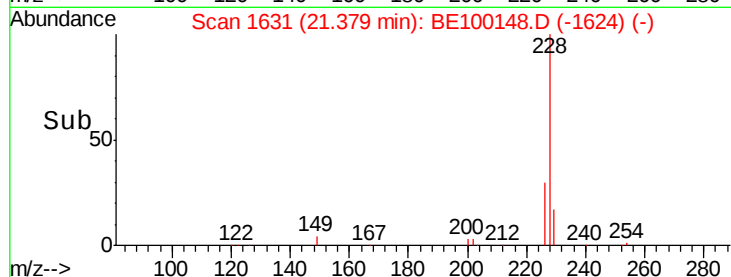
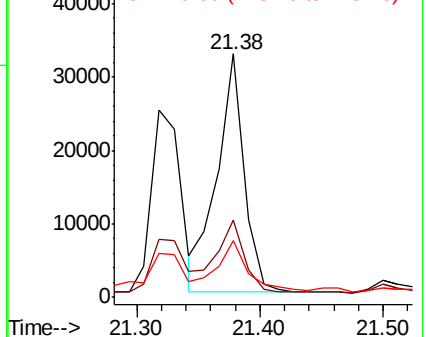
228 100

226 31.5 23.8 35.8

229 23.2 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: 0.627 ng

RT: 21.25 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

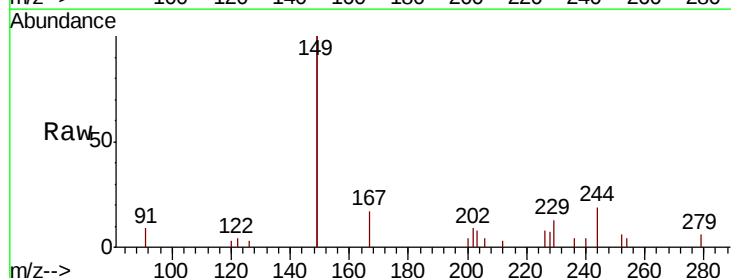
Tgt Ion:149 Resp: 16806

Ion Ratio Lower Upper

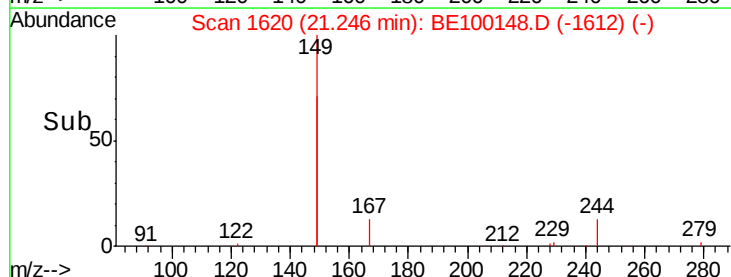
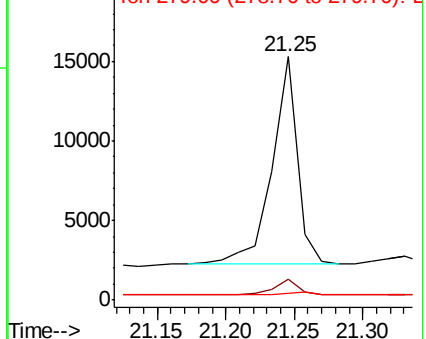
149 100

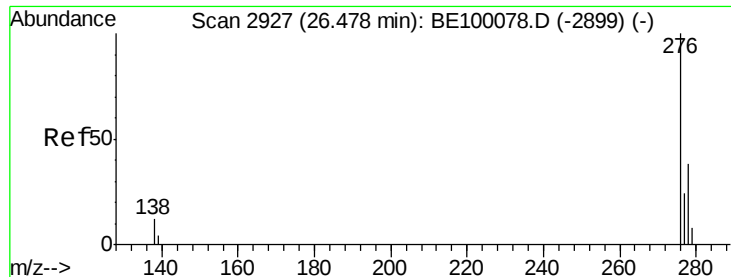
167 7.2 5.8 8.6

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: 0.592 ng

RT: 26.47 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW159-061319

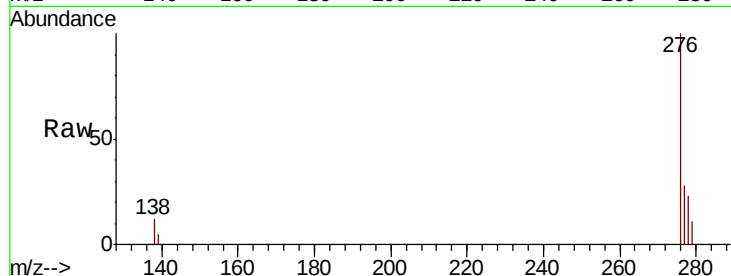
Tgt Ion:276 Resp: 21997

Ion Ratio Lower Upper

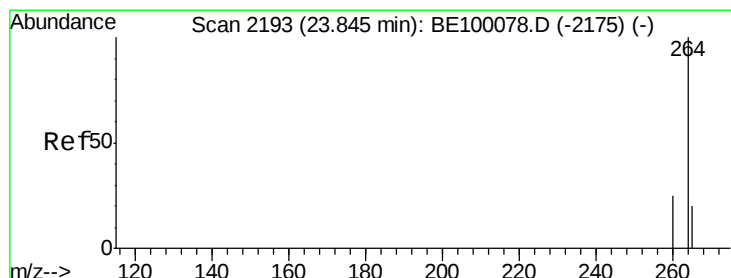
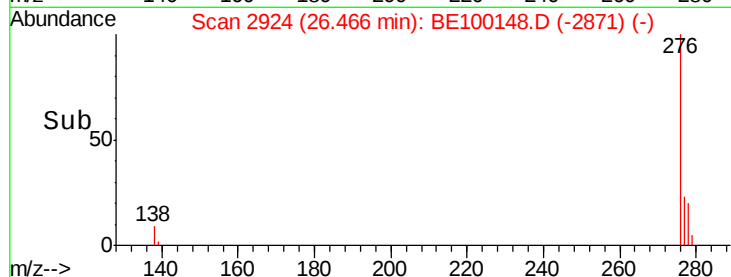
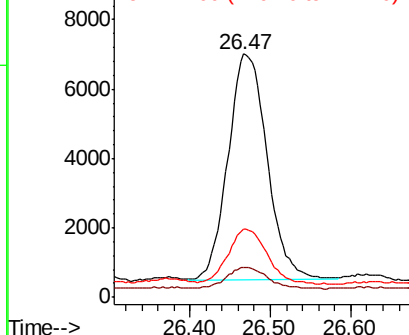
276 100

138 9.2 4.3 6.5#

277 24.2 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: BE100148.D

Acq: 22 Jun 2019 00:23

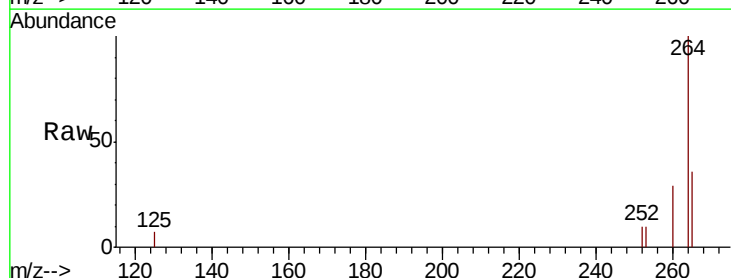
Tgt Ion:264 Resp: 11403

Ion Ratio Lower Upper

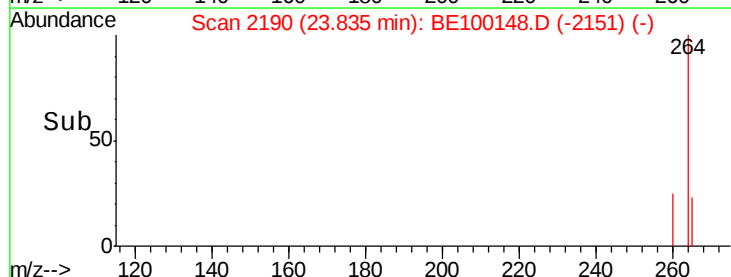
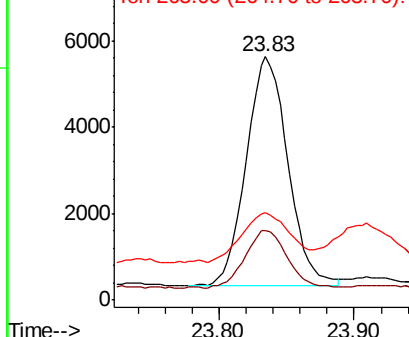
264 100

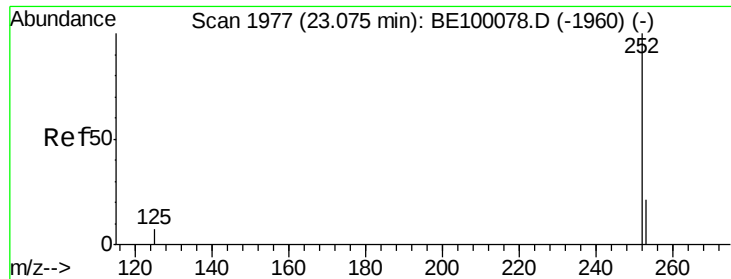
260 28.5 20.8 31.2

265 35.7 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

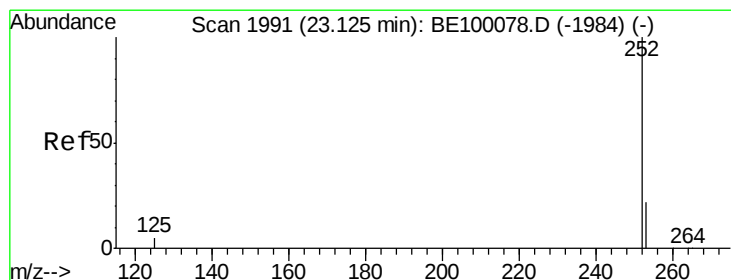
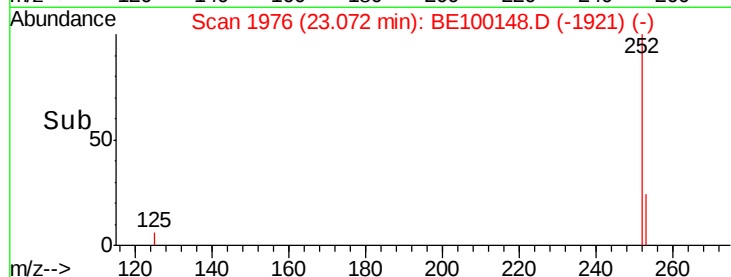
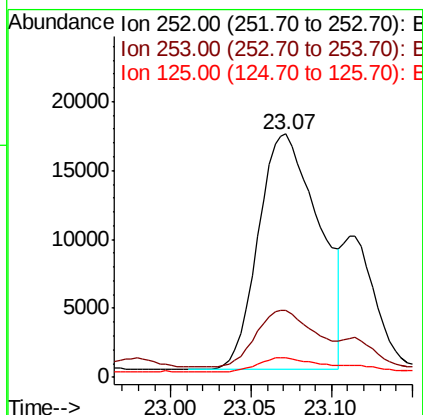
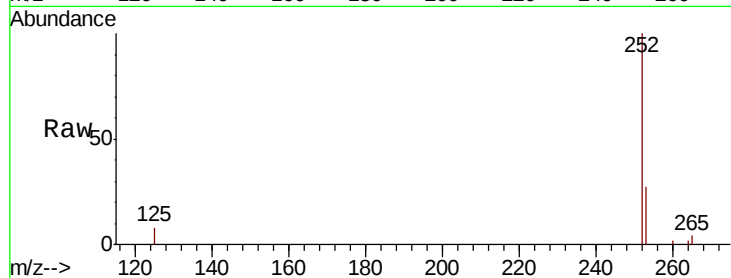




#35
Benzo(b)fluoranthene
Concen: 1.346 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE100148.D
Acq: 22 Jun 2019 00:23

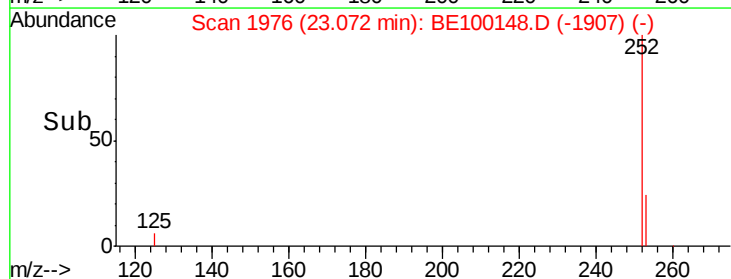
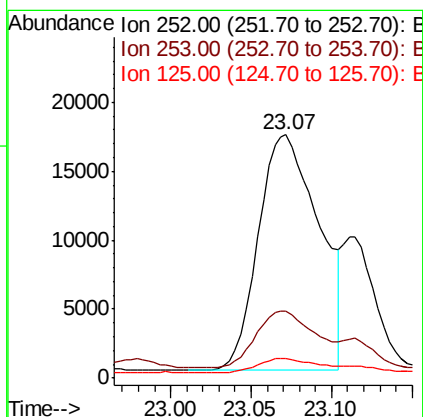
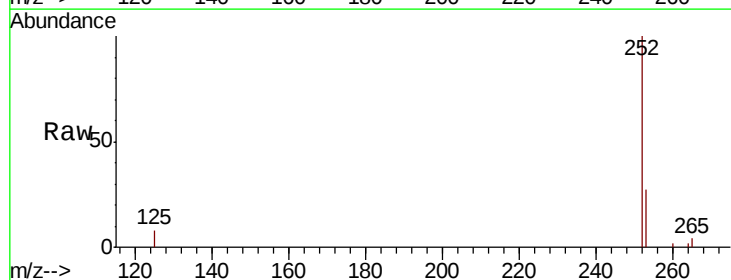
Instrument :
BNA_E
ClientSampleId :
EXT-013-SW159-061319

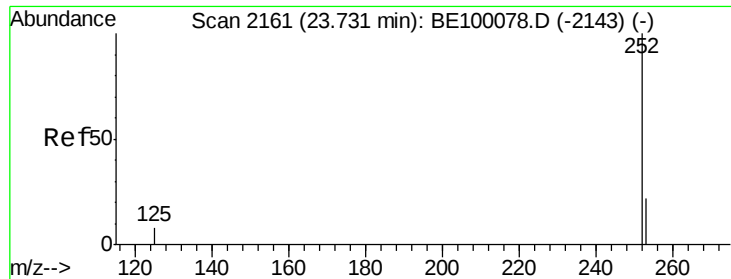
Tgt Ion:252 Resp: 45052
Ion Ratio Lower Upper
252 100
253 27.3 18.4 27.6
125 7.9 6.4 9.6



#36
Benzo(k)fluoranthene
Concen: 1.184 ng
RT: 23.07 min Scan# 1976
Delta R.T. -0.05 min
Lab File: BE100148.D
Acq: 22 Jun 2019 00:23

Tgt Ion:252 Resp: 45052
Ion Ratio Lower Upper
252 100
253 27.3 18.9 28.3
125 7.9 5.3 7.9





#37

Benzo(a)pyrene

Concen: 1.053 ng

RT: 23.72 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW159-061319

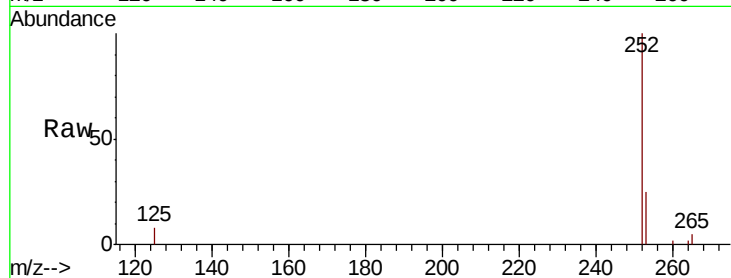
Tgt Ion: 252 Resp: 34028

Ion Ratio Lower Upper

252 100

253 25.4 19.4 29.2

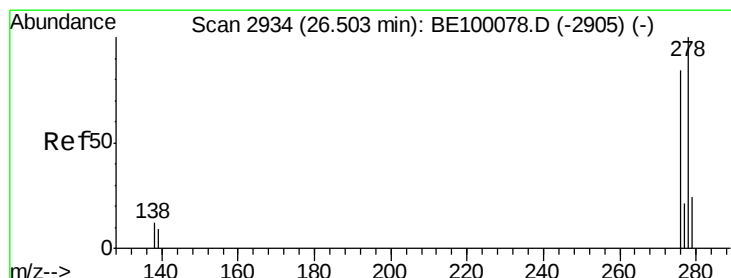
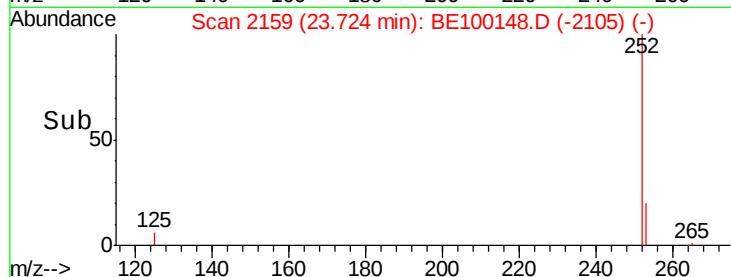
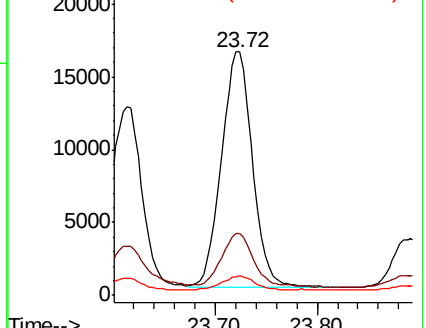
125 8.1 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.191 ng

RT: 26.49 min Scan# 2930

Delta R.T. -0.02 min

Lab File: BE100148.D

Acq: 22 Jun 2019 00:23

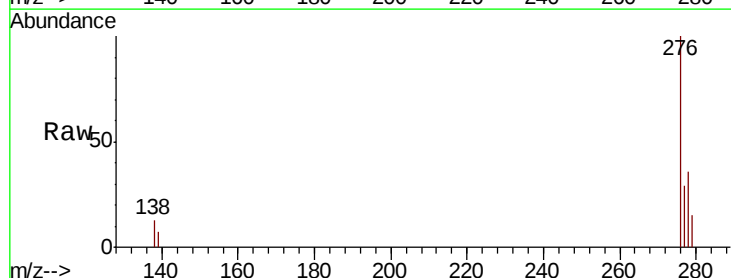
Tgt Ion: 278 Resp: 6326

Ion Ratio Lower Upper

278 100

139 18.8 9.0 13.6#

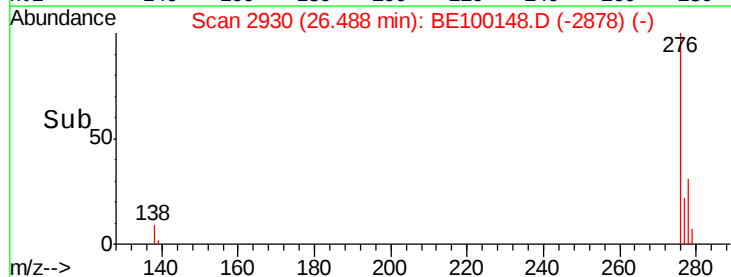
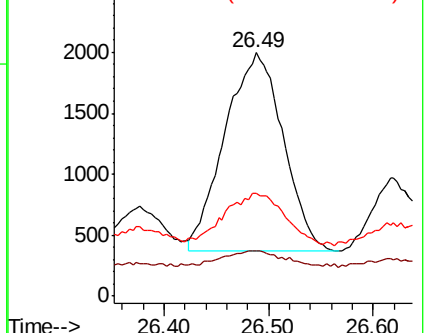
279 42.1 21.4 32.0#

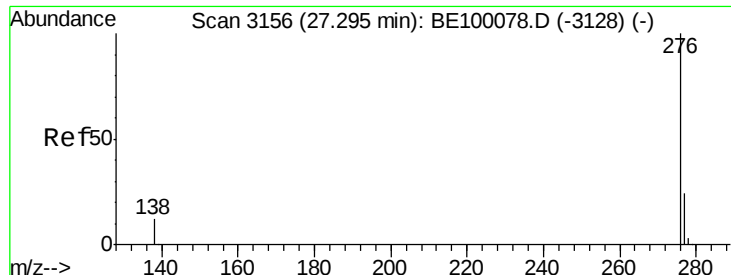


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.701 ng

RT: 27.29 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BE100148.D

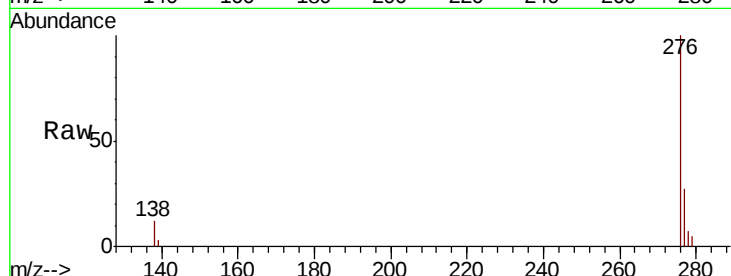
Acq: 22 Jun 2019 00:23

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW159-061319



Tgt Ion: 276 Resp: 24134

Ion Ratio Lower Upper

276 100

277 27.0 20.3 30.5

138 11.6 11.3 16.9

