

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
 Data File : BE100270.D
 Acq On : 1 Jul 2019 17:55
 Operator : JU/SJ
 Sample : K3428-21DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW162-061319DL

Quant Time: Jul 02 02:21:23 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	837	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	2988	0.40	ng	0.00
13) Acenaphthene-d10	14.31	164	2294	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	6502	0.40	ng	0.00
27) Chrysene-d12	21.25	240	8391	0.40	ng	0.00
34) Perylene-d12	23.67	264	9375	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	136	0.06	ng	0.01
5) Phenol-d6	6.84	99	165	0.06	ng	0.00
8) Nitrobenzene-d5	8.81	82	177	0.06	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	398	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	97	0.06	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	453	0.05	ng	0.00
25) Fluoranthene-d10	19.10	212	6220	0.07	ng	0.00
29) Terphenyl-d14	19.70	244	1838	0.11	ng	0.00

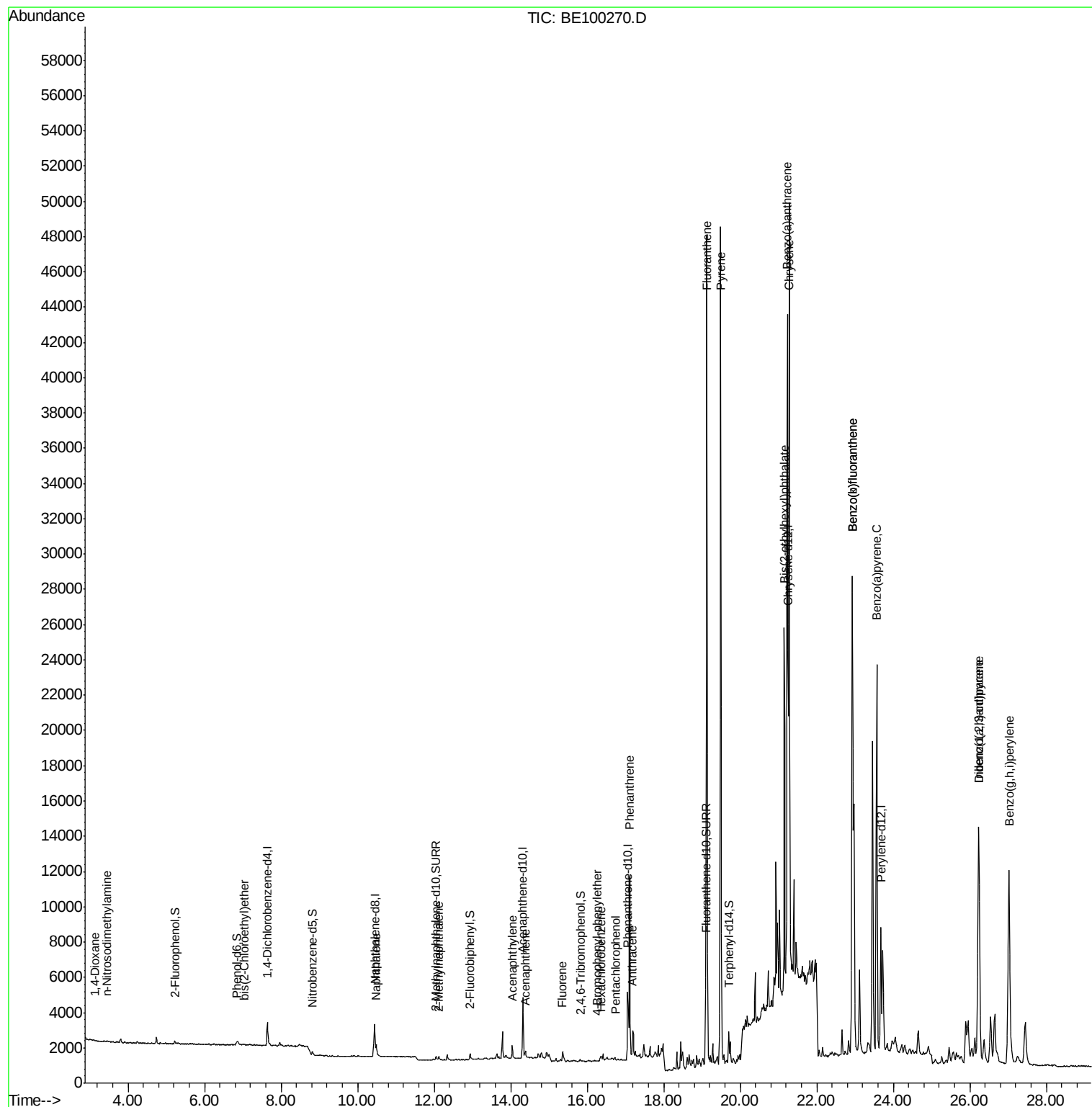
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	28	0.022	ng	# 27
3) n-Nitrosodimethylamine	3.44	42	17	0.028	ng	# 1
6) bis(2-Chloroethyl)ether	7.03	93	3	0.001	ng	# 1
9) Naphthalene	10.48	128	1110	0.034	ng	# 84
12) 2-Methylnaphthalene	12.12	142	184	0.032	ng	# 89
16) Acenaphthylene	14.04	152	976	0.089	ng	99
17) Acenaphthene	14.38	154	214	0.034	ng	95
18) Fluorene	15.35	166	584	0.063	ng	# 93
20) 4-Bromophenyl-phenylether	16.26	248	9	0.002	ng	# 69
21) Hexachlorobenzene	16.36	284	6	0.001	ng	# 1
22) Pentachlorophenol	16.73	266	16	0.012	ng	# 77
23) Phenanthrene	17.11	178	13951	0.885	ng	99
24) Anthracene	17.19	178	2141	0.151	ng	98
26) Fluoranthene	19.13	202	44735	1.782	ng	99
28) Pyrene	19.49	202	44830	2.018	ng	# 95
30) Benzo(a)anthracene	21.23	228	34700	1.258	ng	97
31) Chrysene	21.28	228	35894	1.296	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	25795	0.604	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	27238	0.743	ng	97
35) Benzo(b)fluoranthene	22.92	252	51441	2.024	ng	# 97
36) Benzo(k)fluoranthene	22.92	252	51441	1.813	ng	98
37) Benzo(a)pyrene	23.56	252	35400	1.390	ng	# 95
38) Dibenzo(a,h)anthracene	26.24	278	3192	0.120	ng	# 85
39) Benzo(g,h,i)perylene	27.02	276	28232	1.033	ng	99

(#) = 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: BE100270.D

Acq: 1 Jul 2019 17:55

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW162-061319DL

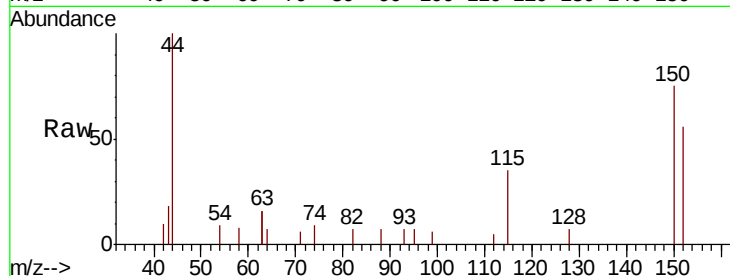
Tgt Ion:152 Resp: 837

Ion Ratio Lower Upper

152 100

150 133.8 114.5 171.7

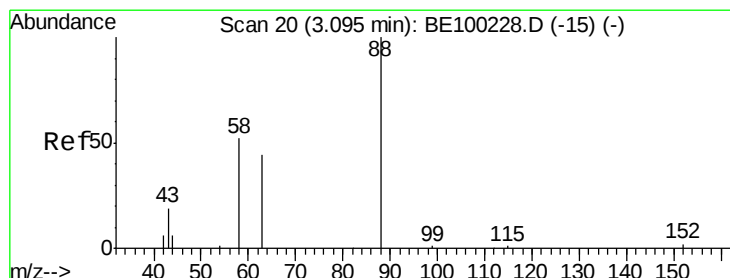
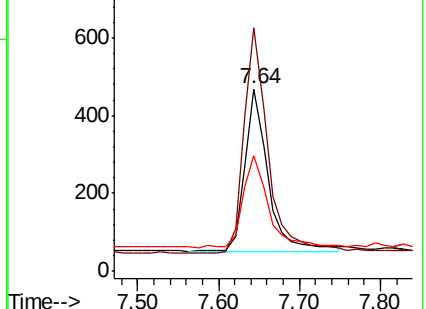
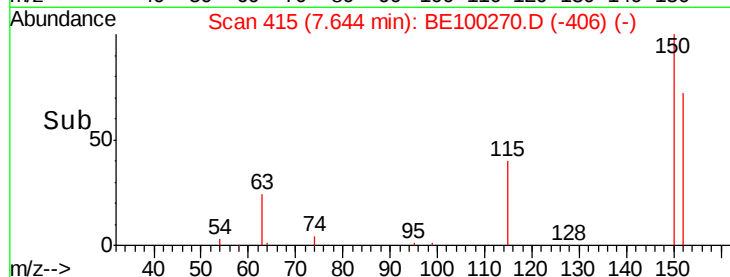
115 63.5 57.1 85.7



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: 0.022 ng

RT: 3.13 min Scan# 23

Delta R.T. 0.03 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

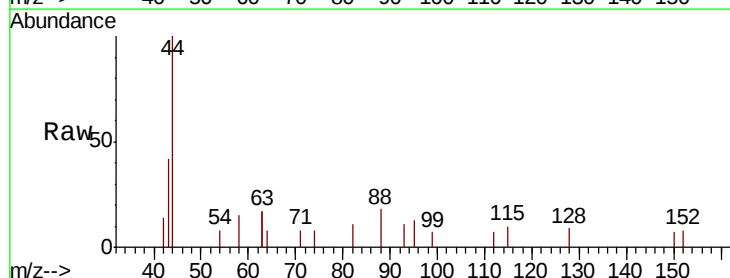
Tgt Ion: 88 Resp: 28

Ion Ratio Lower Upper

88 100

58 0.0 43.6 65.4#

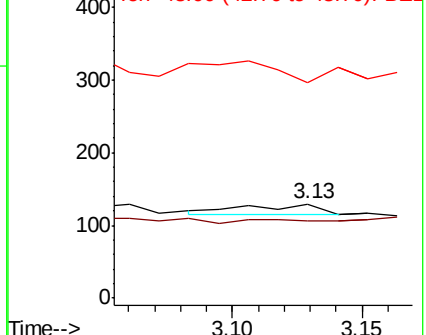
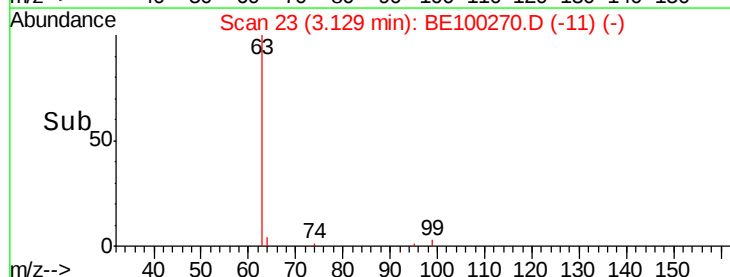
43 60.7 21.4 32.0#



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: 0.028 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.02 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW162-061319DL

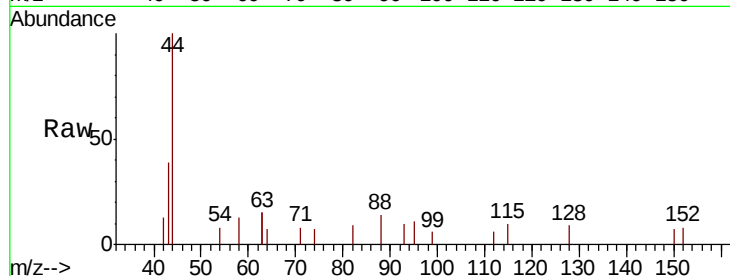
Tgt Ion: 42 Resp: 17

Ion Ratio Lower Upper

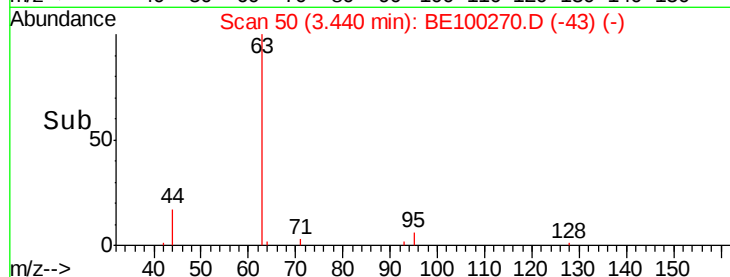
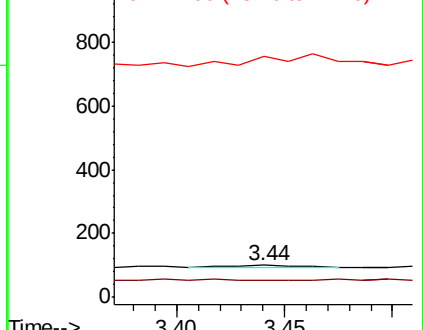
42 100

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: 0.064 ng

RT: 5.23 min Scan# 205

Delta R.T. 0.01 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

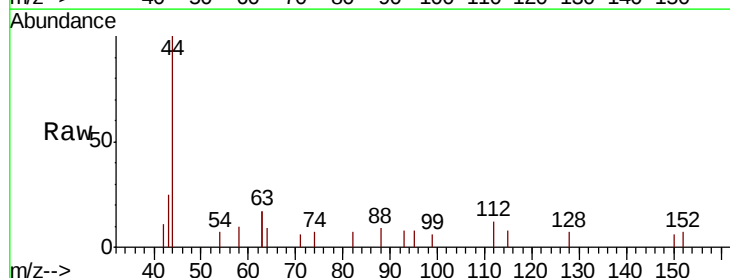
Tgt Ion: 112 Resp: 136

Ion Ratio Lower Upper

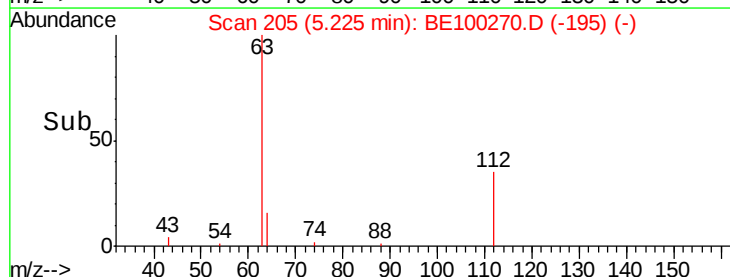
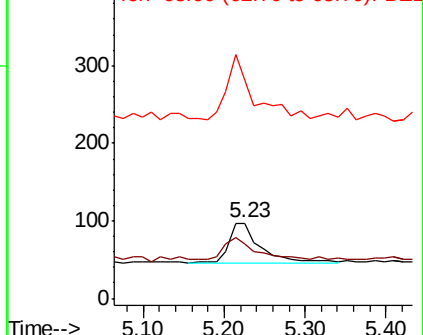
112 100

64 50.0 39.4 59.0

63 148.5 104.5 156.7



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: 0.059 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW162-061319DL

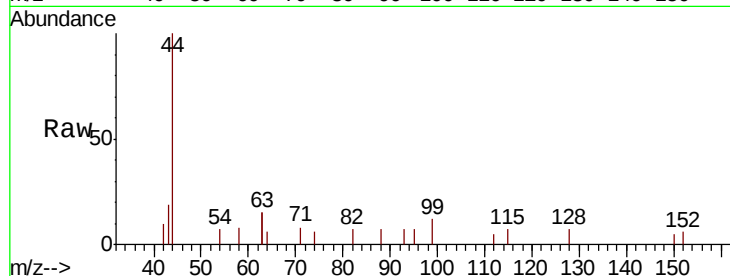
Tgt Ion: 99 Resp: 165

Ion Ratio Lower Upper

99 100

42 15.8 11.2 16.8

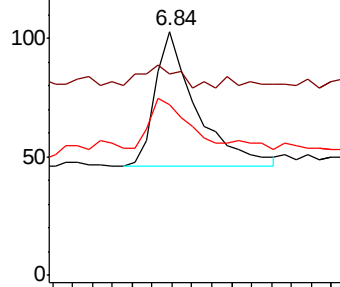
71 35.8 37.2 55.8#



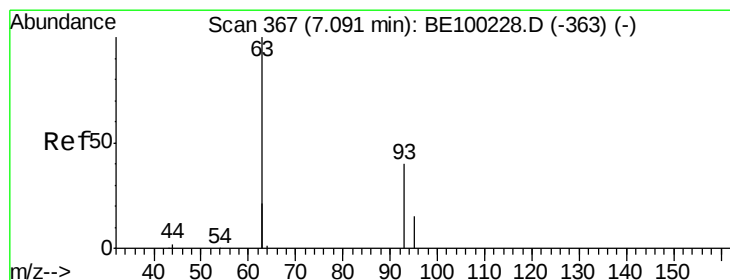
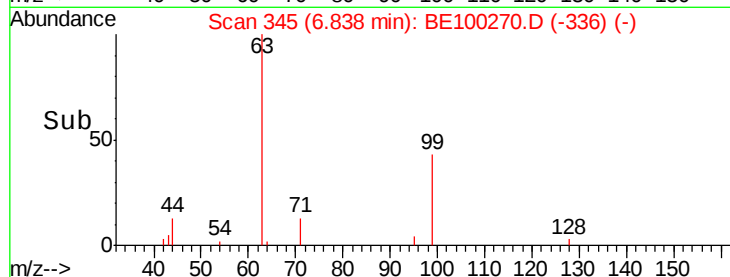
Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.06 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

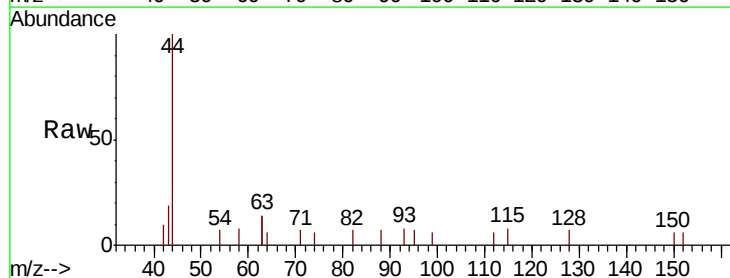
Tgt Ion: 93 Resp: 3

Ion Ratio Lower Upper

93 100

63 0.0 155.6 233.4#

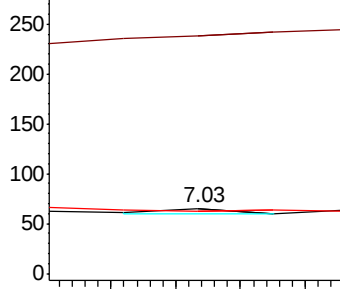
95 0.0 23.0 34.4#



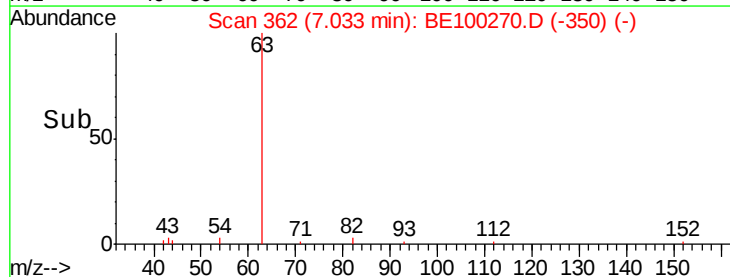
Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. -0.00 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

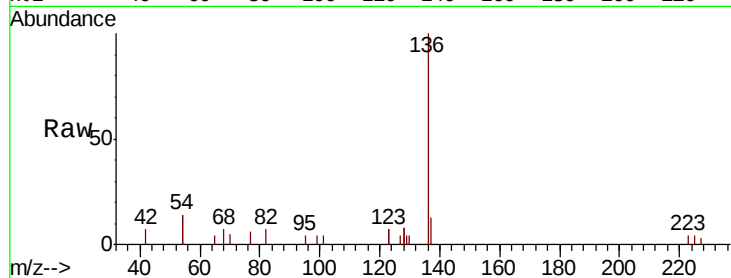
Instrument :

BNA_E

ClientSampleId :

EXT-013-SW162-061319DL

Tgt Ion:	136	Resp:	2988
Ion	Ratio	Lower	Upper
136	100		
137	13.2	11.8	17.8
54	27.5	27.7	41.5#
68	6.8	6.8	10.2

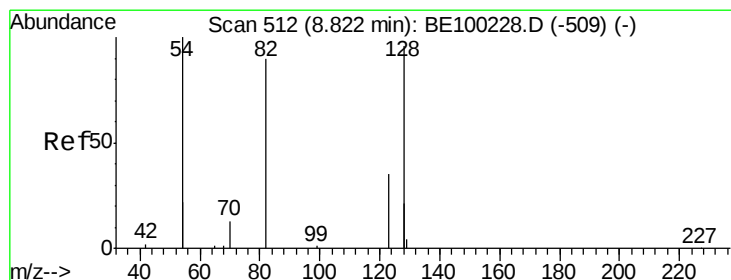
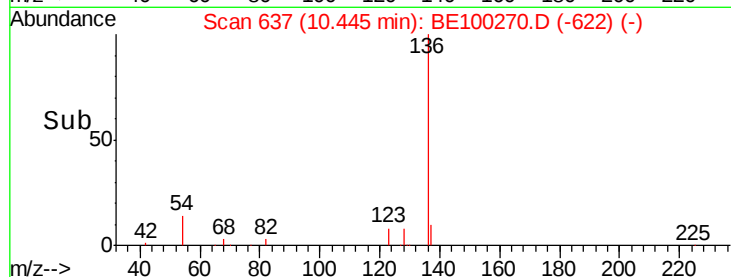
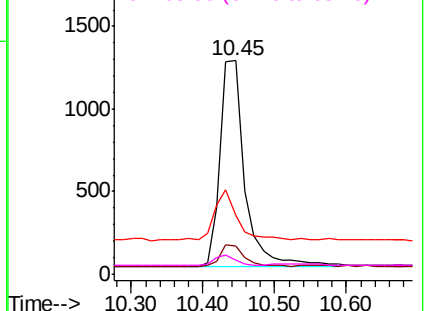


Abundance Ion 136.00 (135.70 to 136.70): E

2000 Ion 137.00 (136.70 to 137.70): E

1500 Ion 54.00 (53.70 to 54.70): BE1

1000 Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.060 ng

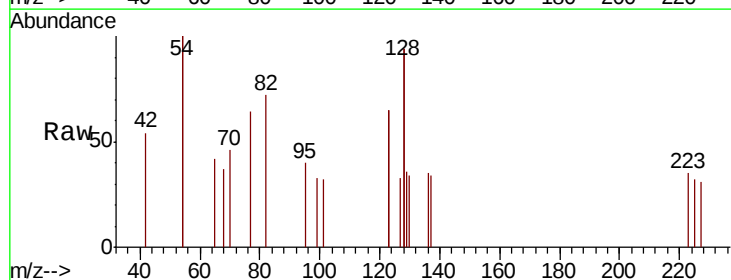
RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

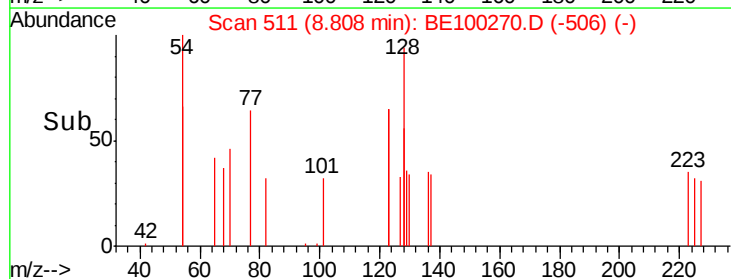
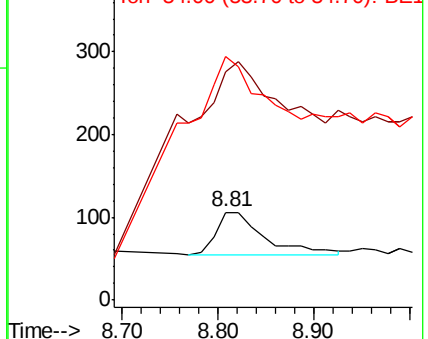
Tgt Ion:	82	Resp:	177
Ion	Ratio	Lower	Upper
82	100		
128	260.4	140.9	211.3#
54	277.4	146.2	219.2#

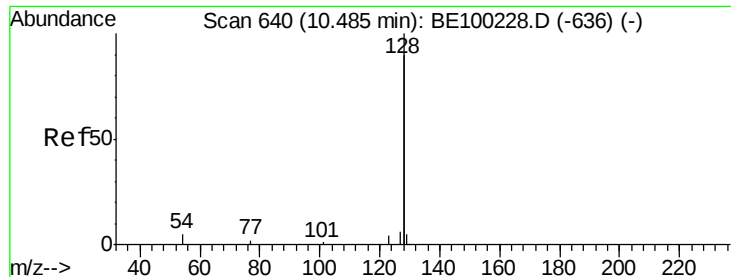


Abundance Ion 82.00 (81.70 to 82.70): BE1

400 Ion 128.00 (127.70 to 128.70): E

300 Ion 54.00 (53.70 to 54.70): BE1

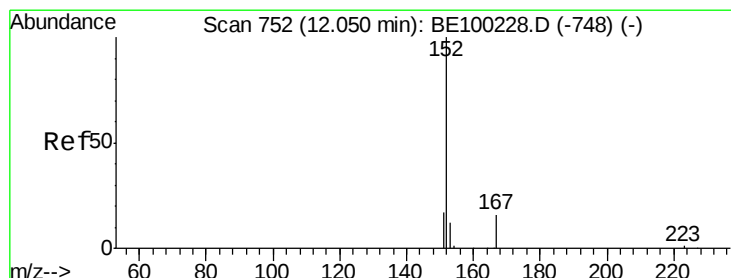
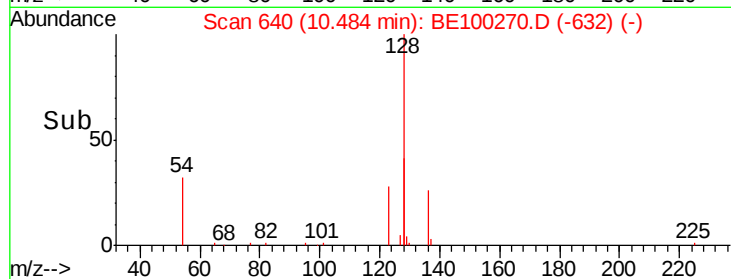
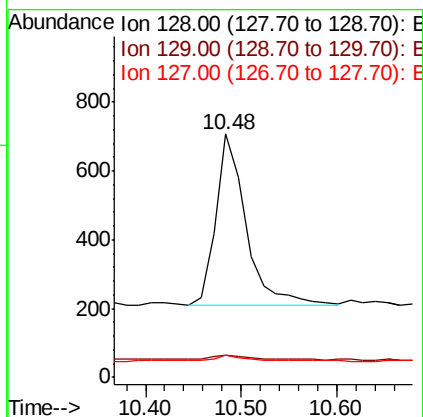
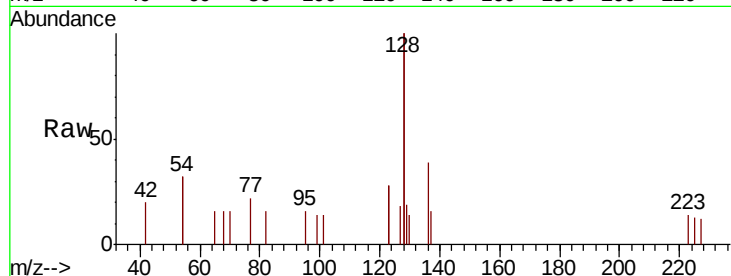




#9
Naphthalene
Concen: 0.034 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100270.D
Acq: 1 Jul 2019 17:55

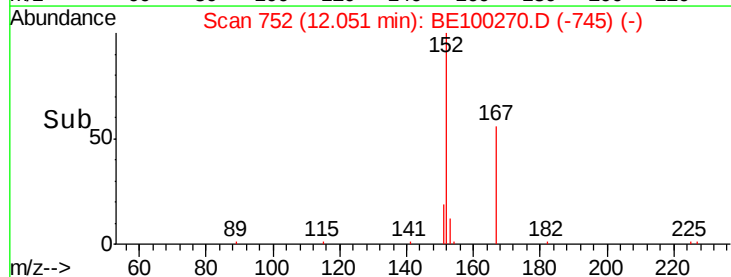
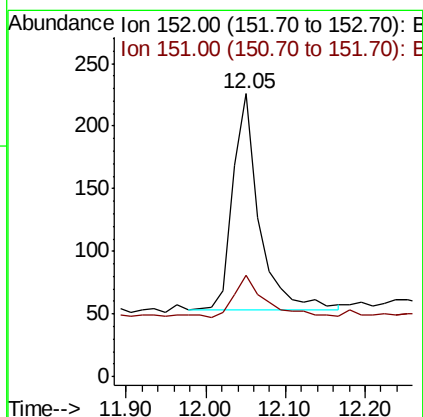
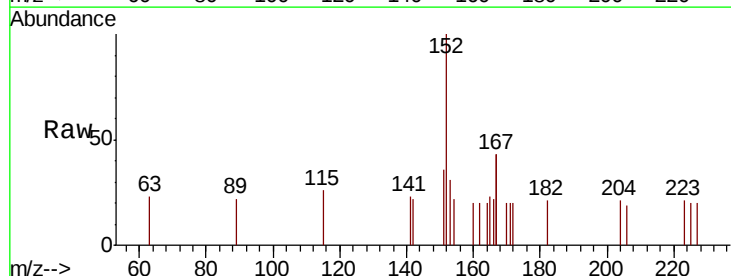
Instrument :
BNA_E
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EXT-013-SW162-061319DL

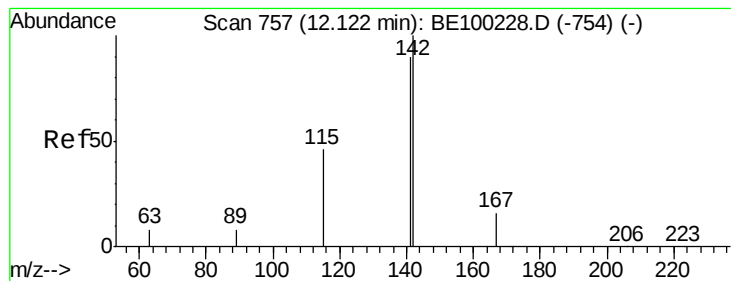
Tgt Ion:128 Resp: 1110
Ion Ratio Lower Upper
128 100
129 9.3 3.0 4.6#
127 9.2 3.5 5.3#



#11
2-Methylnaphthalene-d10
Concen: 0.071 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100270.D
Acq: 1 Jul 2019 17:55

Tgt Ion:152 Resp: 398
Ion Ratio Lower Upper
152 100
151 23.6 15.1 22.7#





#12

2-Methylnaphthalene

Concen: 0.032 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.00 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW162-061319DL

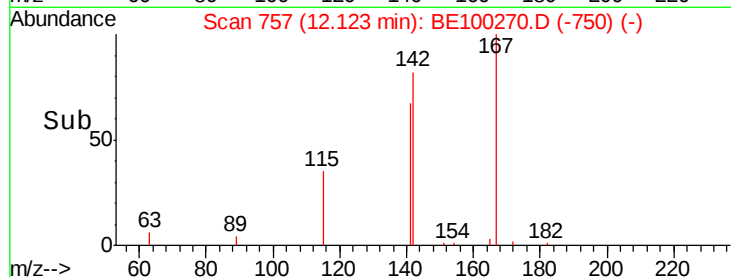
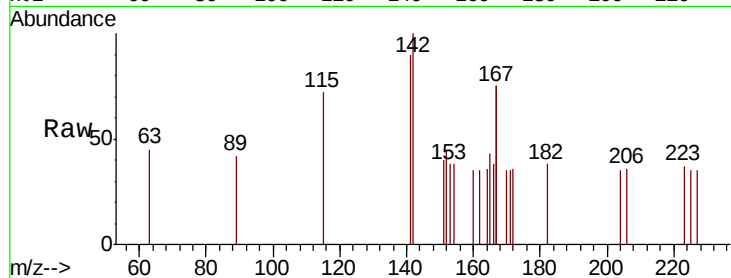
Tgt Ion:142 Resp: 184

Ion Ratio Lower Upper

142 100

141 90.0 72.4 108.6

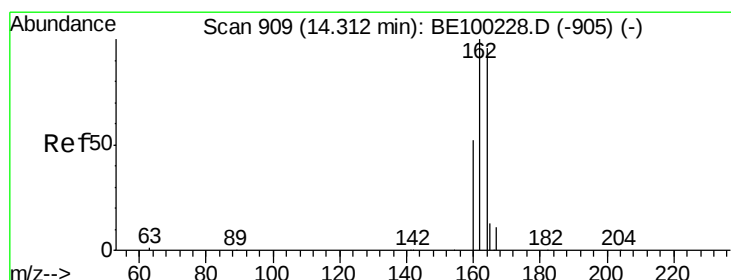
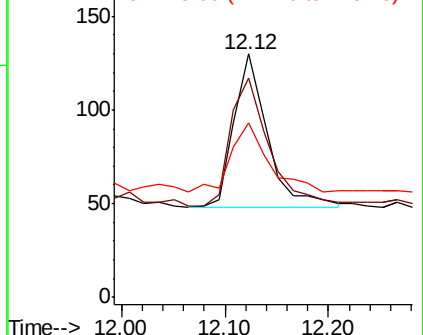
115 71.5 40.4 60.6#



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

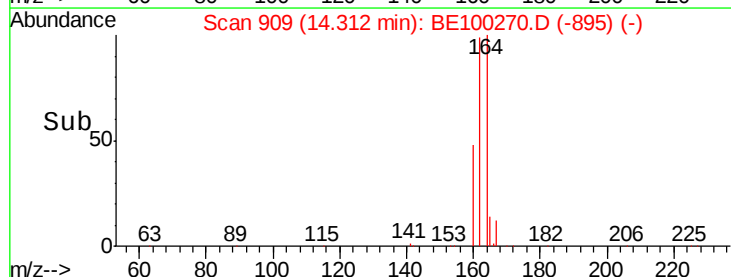
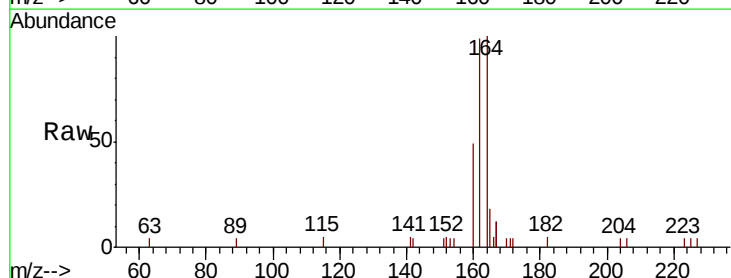
Tgt Ion:164 Resp: 2294

Ion Ratio Lower Upper

164 100

162 99.3 83.4 125.0

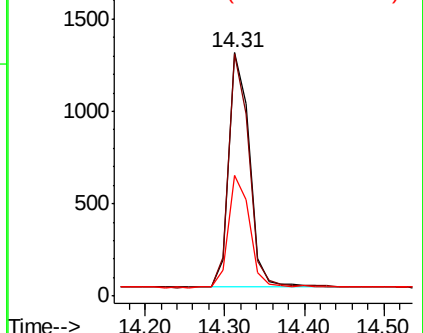
160 49.5 45.0 67.6

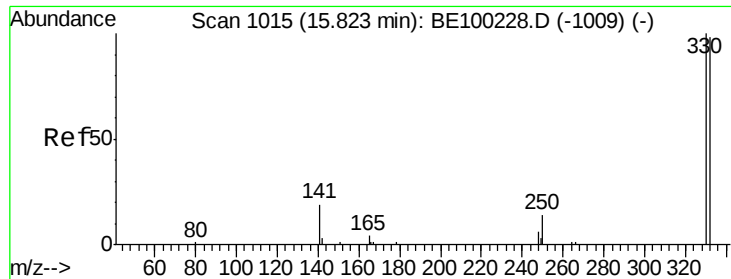


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

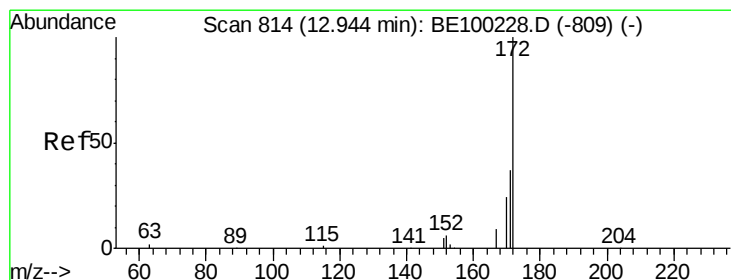
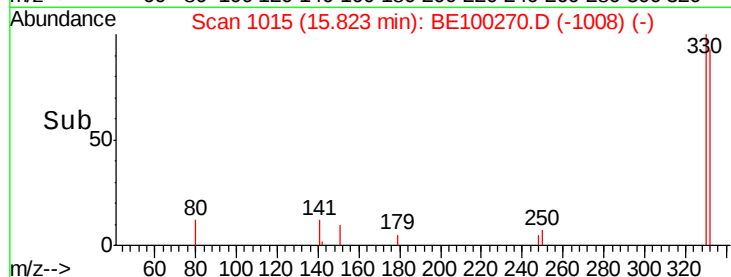
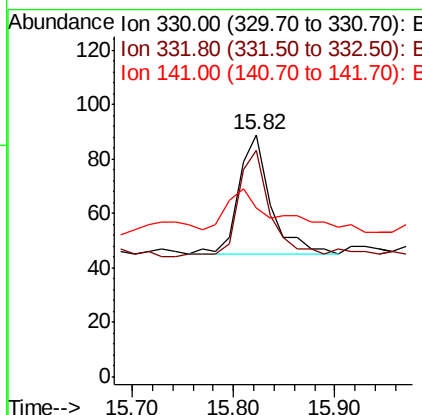
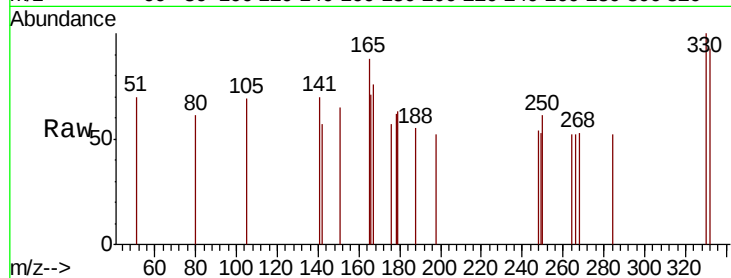




#14
 2,4,6-Tribromophenol
 Concen: 0.060 ng
 RT: 15.82 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BE100270.D
 Acq: 1 Jul 2019 17:55

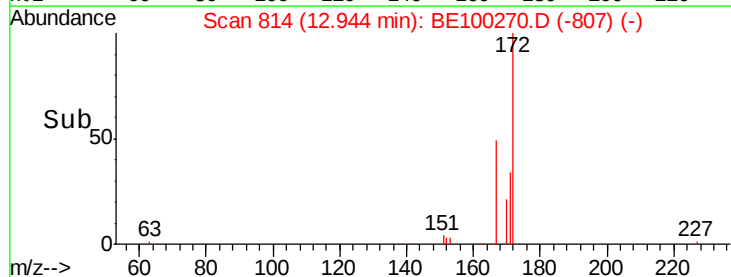
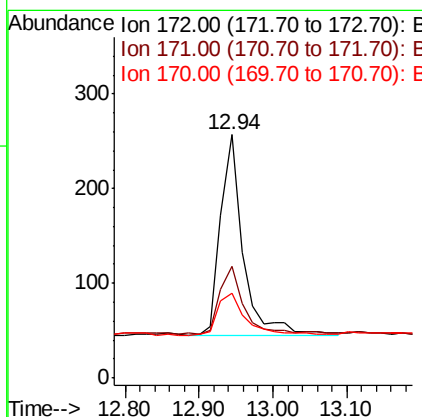
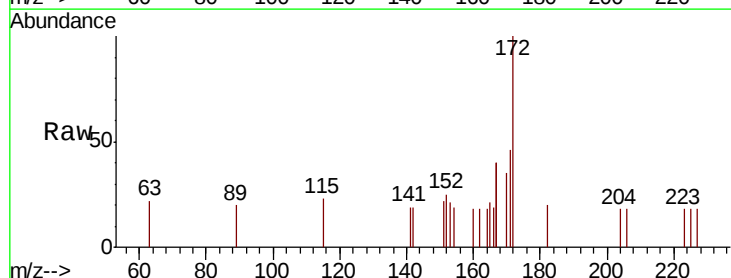
Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW162-061319DL

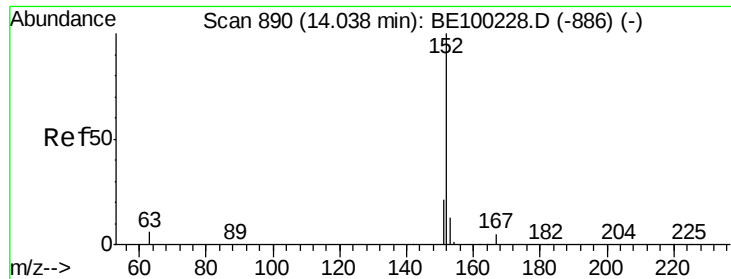
Tgt Ion: 330 Resp: 97
 Ion Ratio Lower Upper
 330 100
 332 80.4 77.0 115.4
 141 57.7 22.0 33.0#



#15
 2-Fluorobiphenyl
 Concen: 0.051 ng
 RT: 12.94 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BE100270.D
 Acq: 1 Jul 2019 17:55

Tgt Ion: 172 Resp: 453
 Ion Ratio Lower Upper
 172 100
 171 45.9 31.9 47.9
 170 34.6 22.2 33.2#

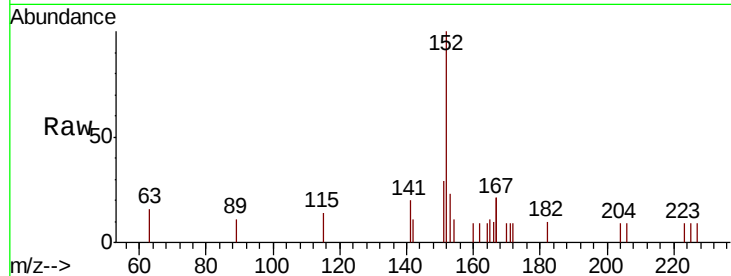




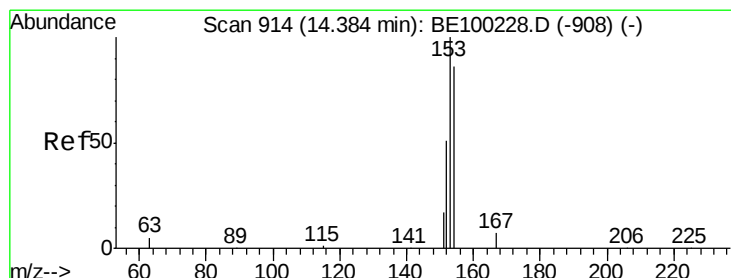
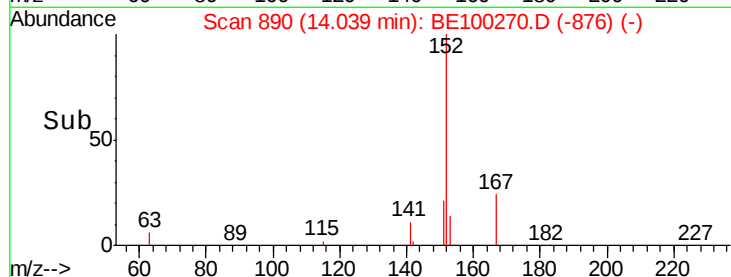
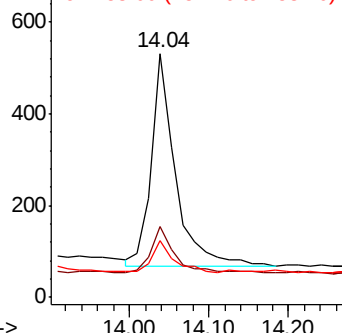
#16
Acenaphthylene
Concen: 0.089 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100270.D
Acq: 1 Jul 2019 17:55

Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319DL

Tgt Ion: 152 Resp: 976
Ion Ratio Lower Upper
152 100
151 21.6 16.6 25.0
153 13.5 10.5 15.7

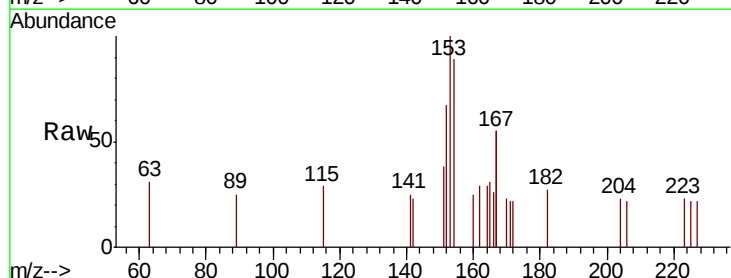


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

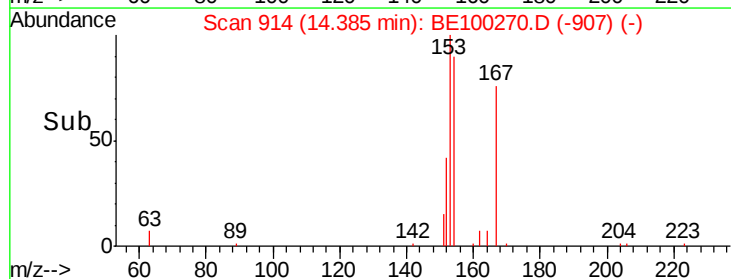
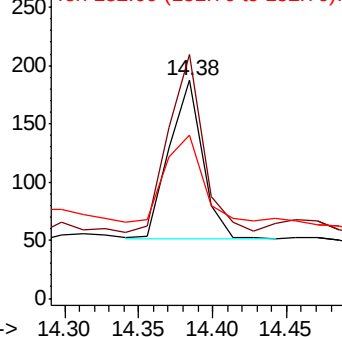


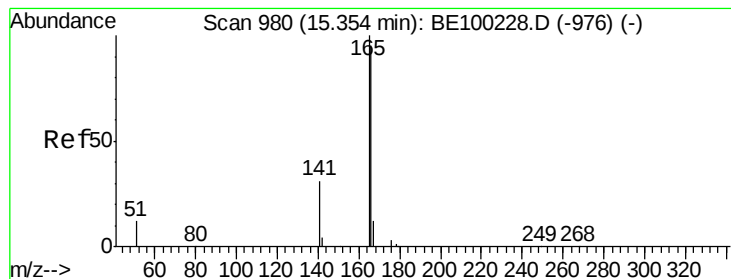
#17
Acenaphthene
Concen: 0.034 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100270.D
Acq: 1 Jul 2019 17:55

Tgt Ion: 154 Resp: 214
Ion Ratio Lower Upper
154 100
153 115.9 93.4 140.2
152 71.5 49.4 74.2



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





#18

Fluorene

Concen: 0.063 ng

RT: 15.35 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW162-061319DL

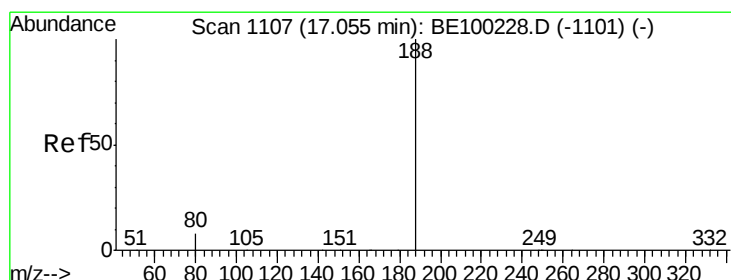
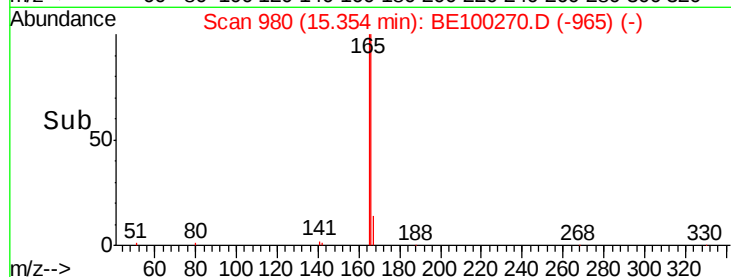
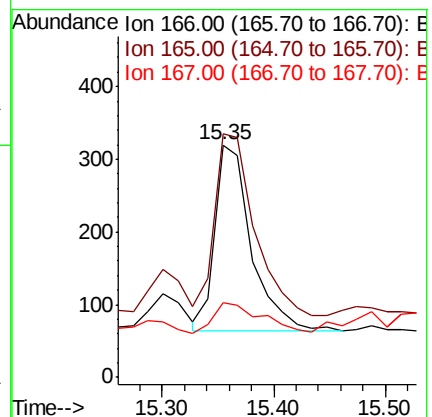
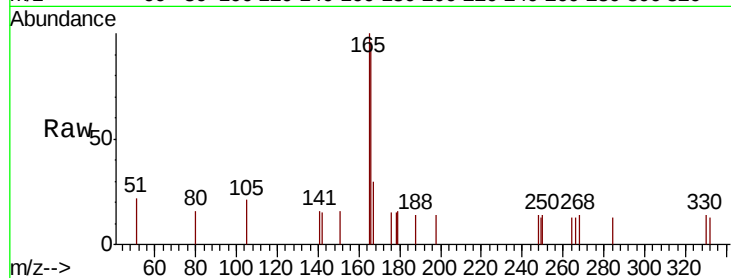
Tgt Ion:166 Resp: 584

Ion Ratio Lower Upper

166 100

165 106.7 81.1 121.7

167 21.2 10.7 16.1#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

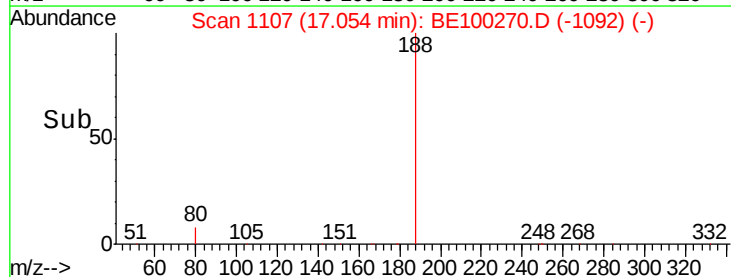
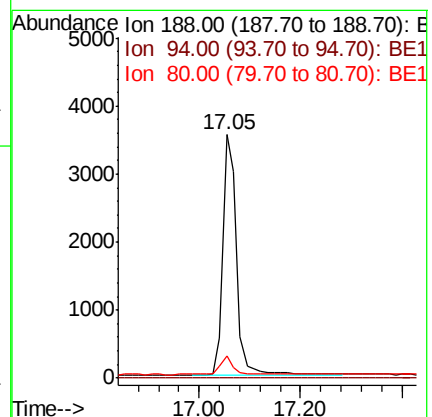
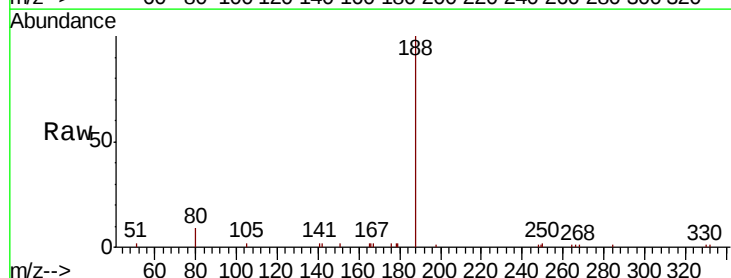
Tgt Ion:188 Resp: 6502

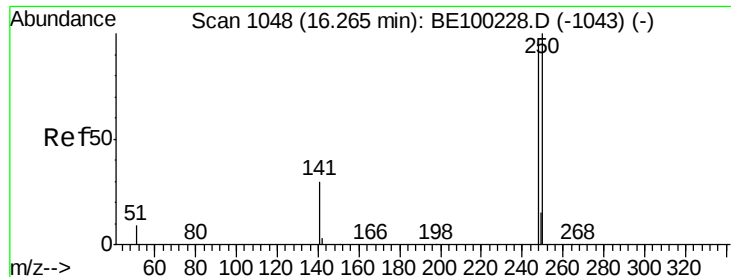
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.2 7.6 11.4

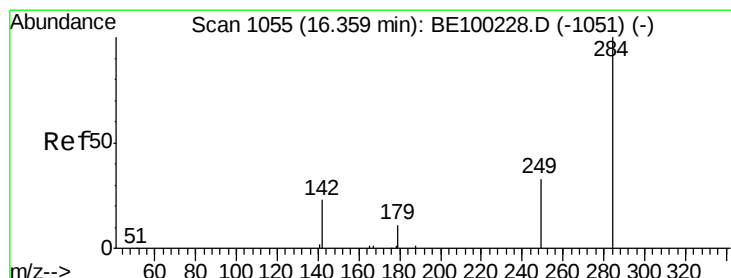
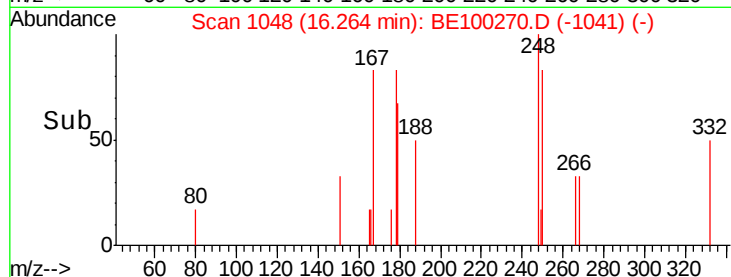
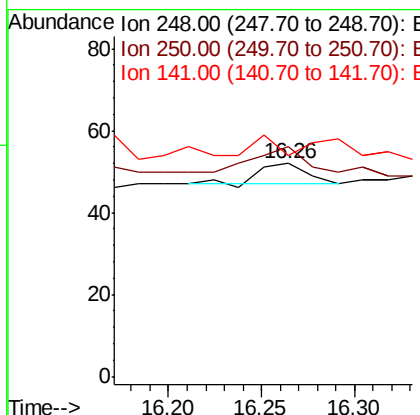
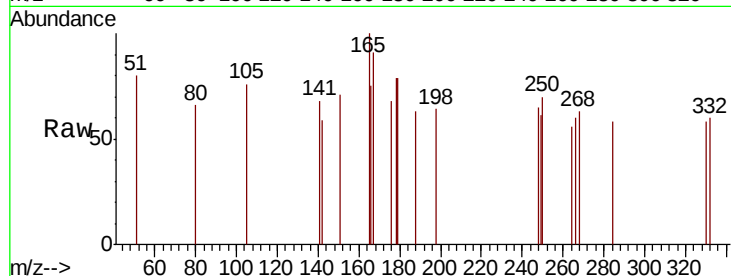




#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.26 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE100270.D
Acq: 1 Jul 2019 17:55

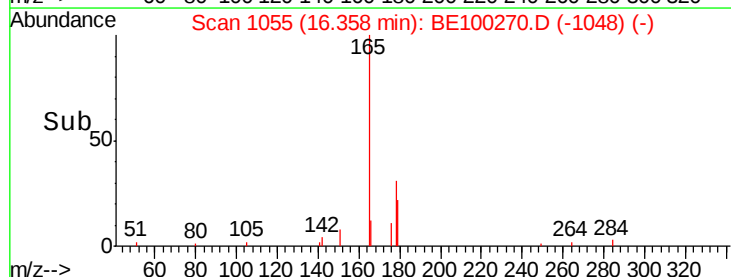
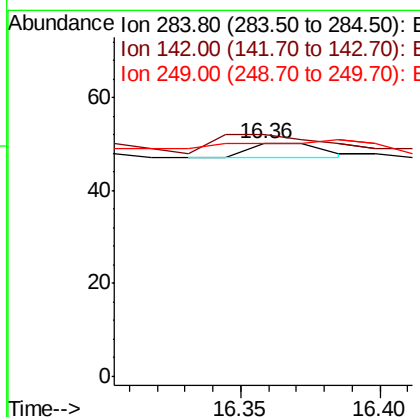
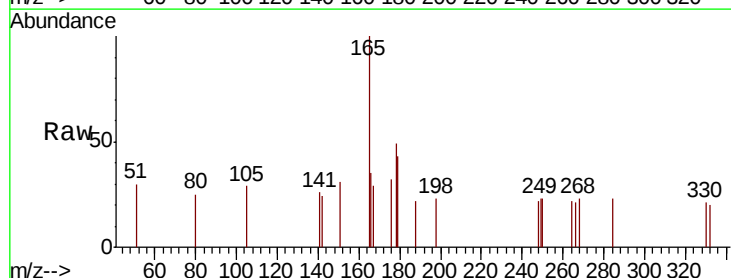
Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319DL

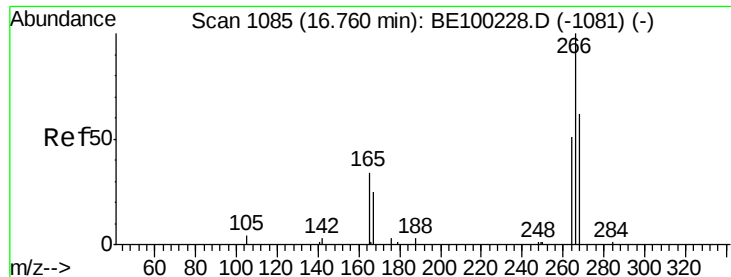
Tgt Ion:248 Resp: 9
Ion Ratio Lower Upper
248 100
250 107.7 84.2 126.4
141 103.8 29.3 43.9#



#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100270.D
Acq: 1 Jul 2019 17:55

Tgt Ion:284 Resp: 6
Ion Ratio Lower Upper
284 100
142 183.3 18.8 28.2#
249 0.0 23.7 35.5#





#22

Pentachlorophenol

Concen: 0.012 ng

RT: 16.73 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

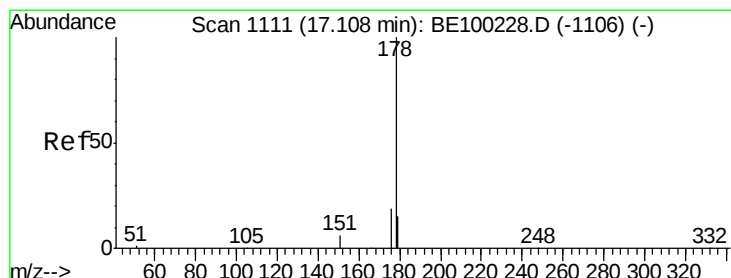
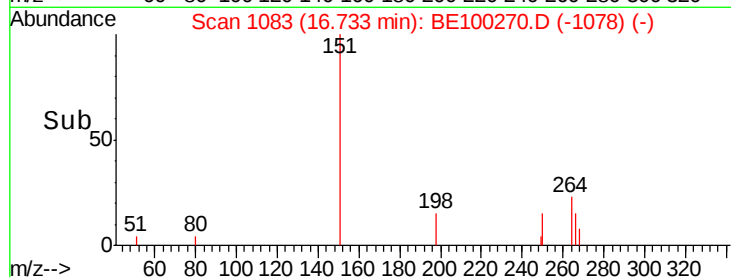
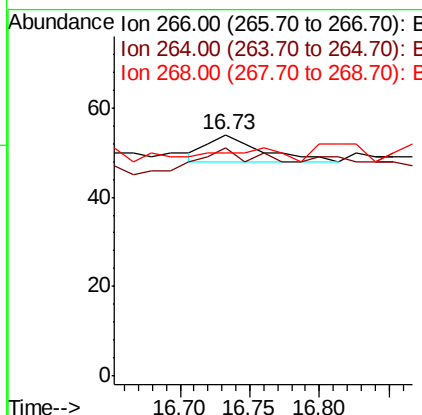
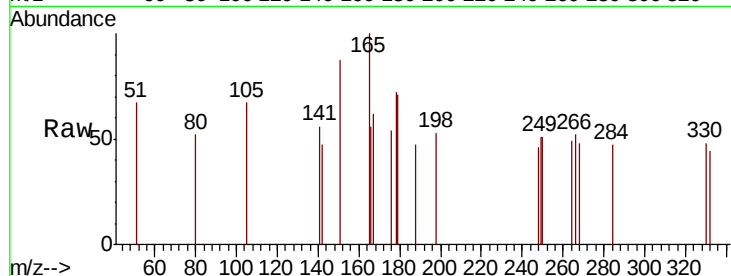
Instrument :

BNA_E

ClientSampleId :

EXT-013-SW162-061319DL

Tgt Ion:	266	Resp:	16
Ion	Ratio	Lower	Upper
266	100		
264	94.4	56.2	84.2#
268	92.6	61.8	92.6



#23

Phenanthrene

Concen: 0.885 ng

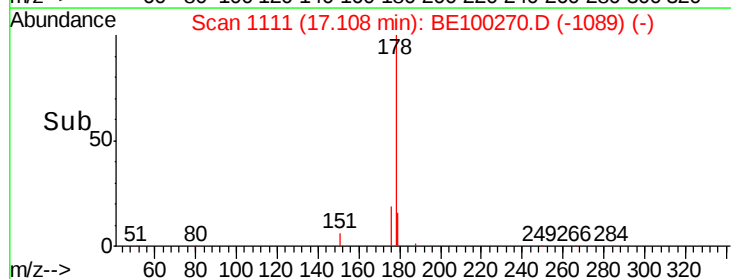
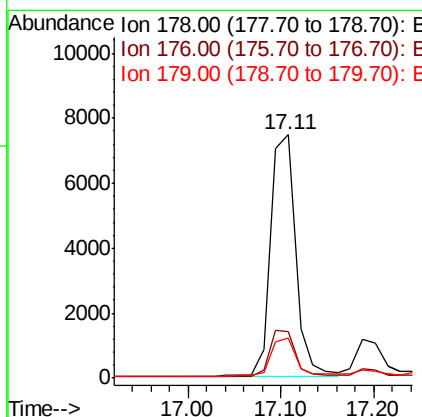
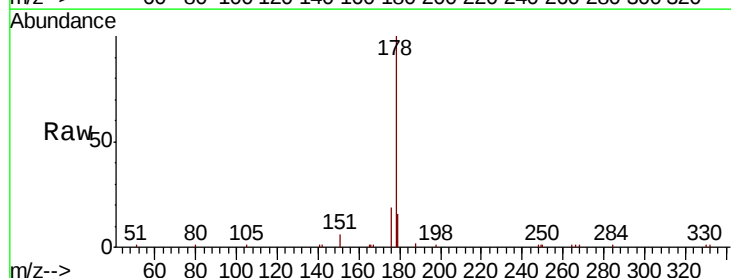
RT: 17.11 min Scan# 1111

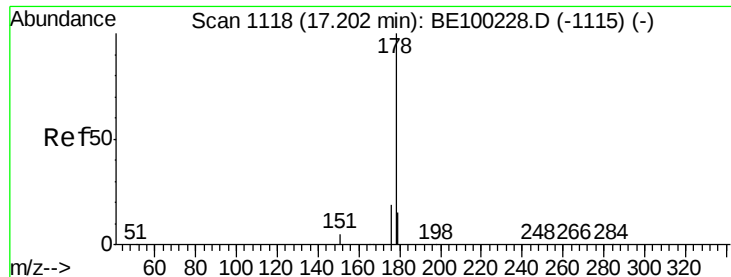
Delta R.T. -0.00 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

Tgt Ion:	178	Resp:	13951
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.7	12.2	18.2





#24

Anthracene

Concen: 0.151 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW162-061319DL

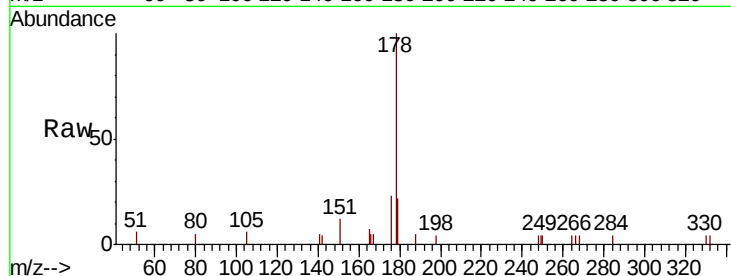
Tgt Ion:178 Resp: 2141

Ion Ratio Lower Upper

178 100

176 20.3 15.3 22.9

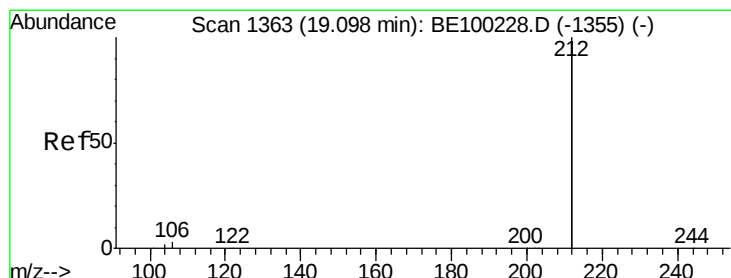
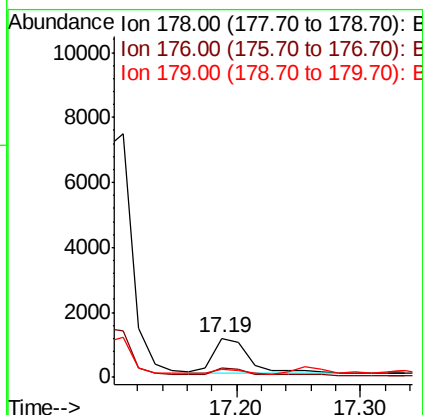
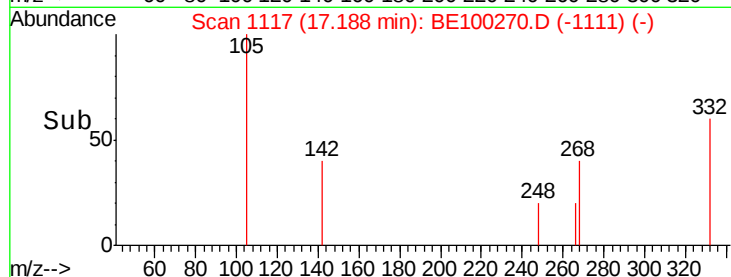
179 14.9 12.2 18.2



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



#25

Fluoranthene-d10

Concen: 0.066 ng

RT: 19.10 min Scan# 1363

Delta R.T. 0.00 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

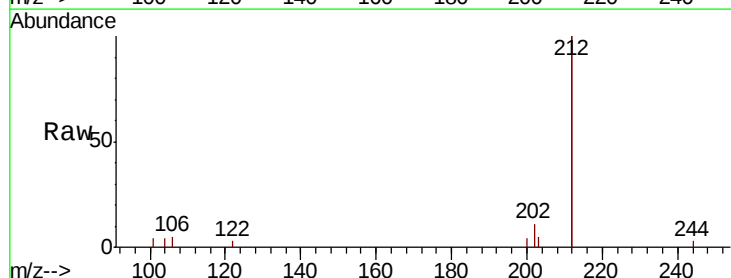
Tgt Ion:212 Resp: 6220

Ion Ratio Lower Upper

212 100

106 1.8 1.3 1.9

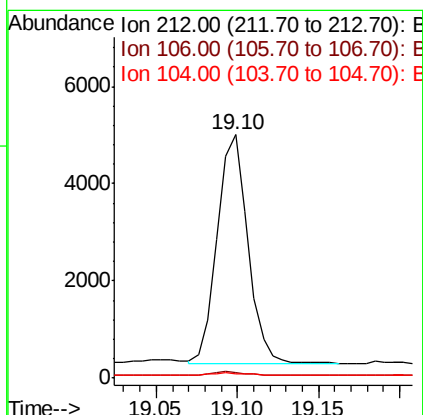
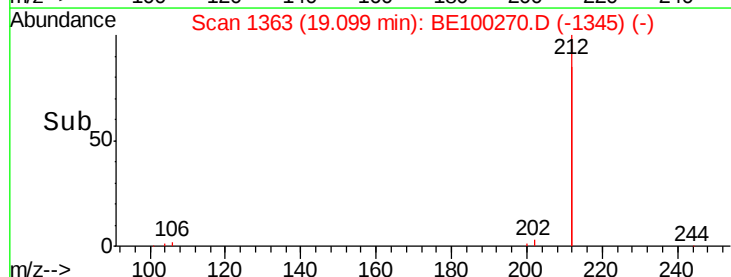
104 1.2 0.8 1.2

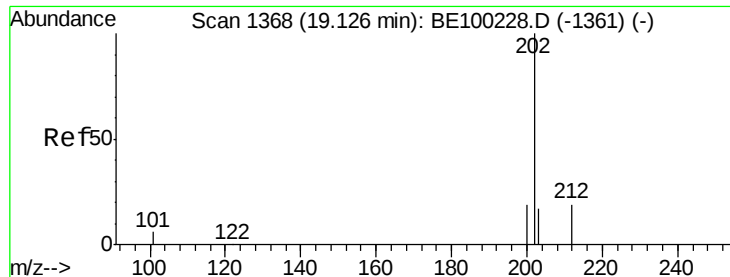


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

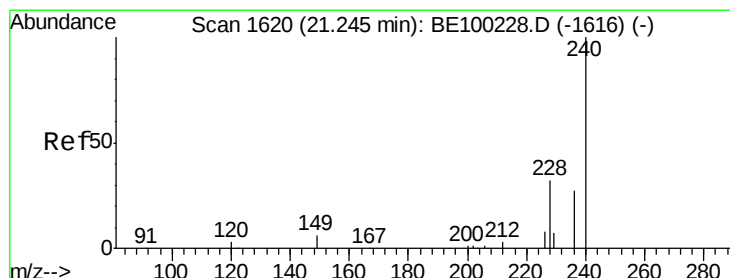
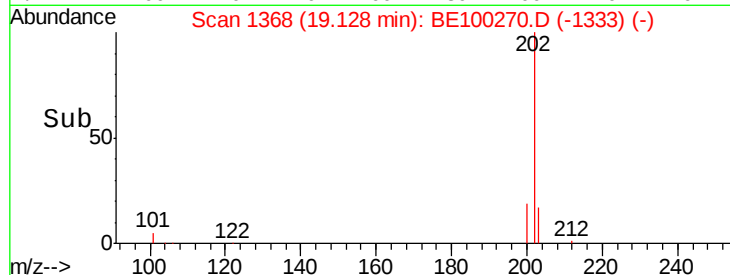
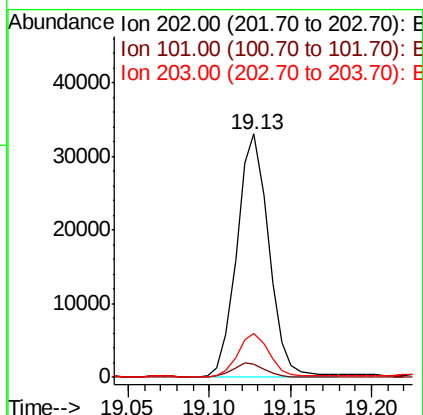
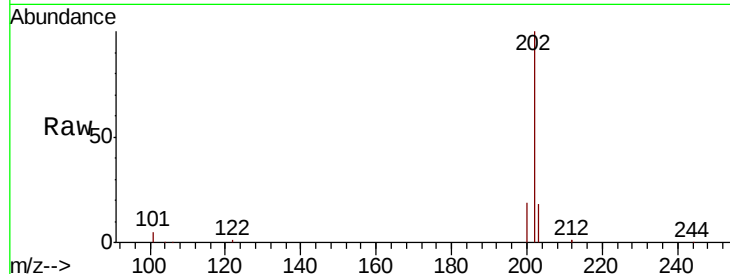




#26
 Fluoranthene
 Concen: 1.782 ng
 RT: 19.13 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE100270.D
 Acq: 1 Jul 2019 17:55

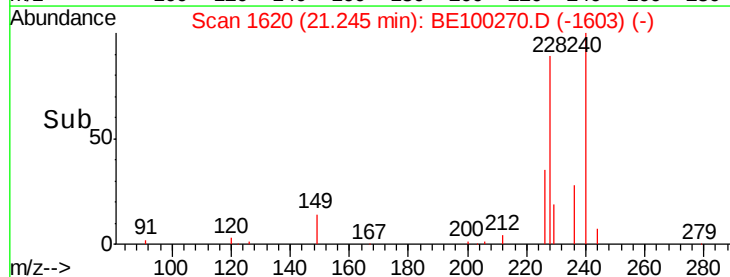
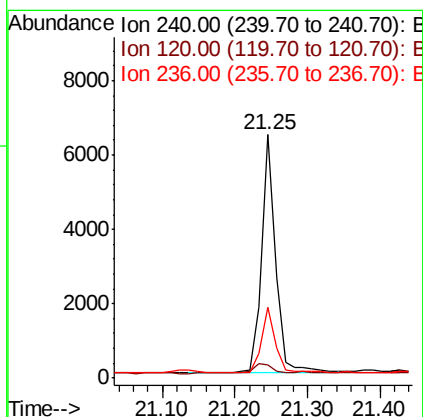
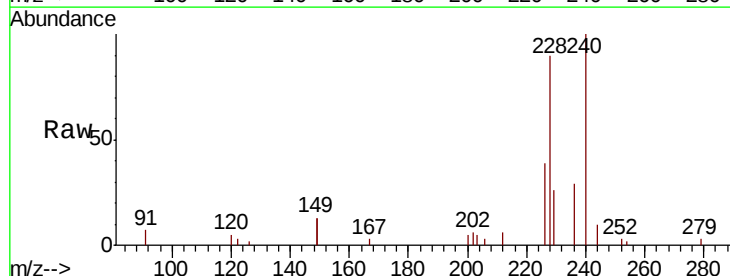
Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW162-061319DL

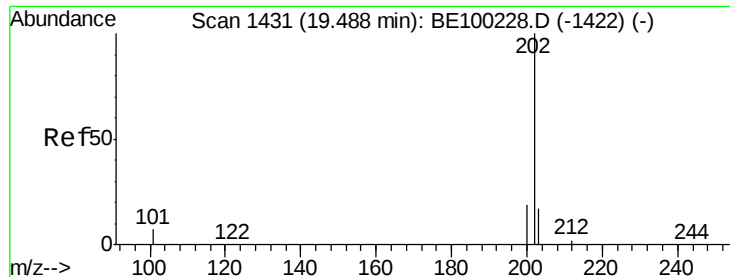
Tgt Ion: 202 Resp: 44735
 Ion Ratio Lower Upper
 202 100
 101 5.8 4.6 7.0
 203 17.5 13.7 20.5



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BE100270.D
 Acq: 1 Jul 2019 17:55

Tgt Ion: 240 Resp: 8391
 Ion Ratio Lower Upper
 240 100
 120 5.5 3.3 4.9#
 236 29.2 22.6 34.0

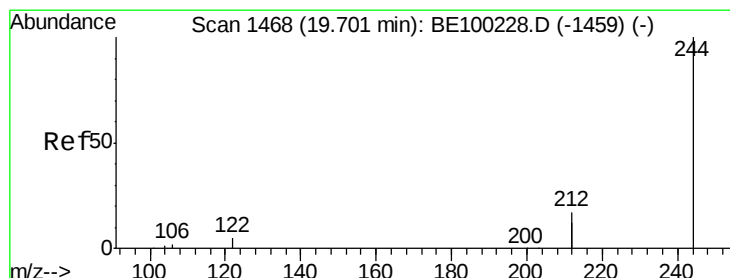
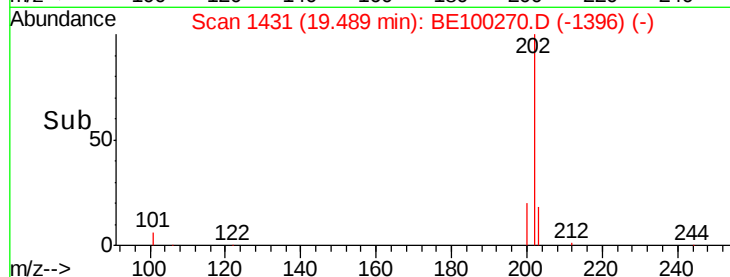
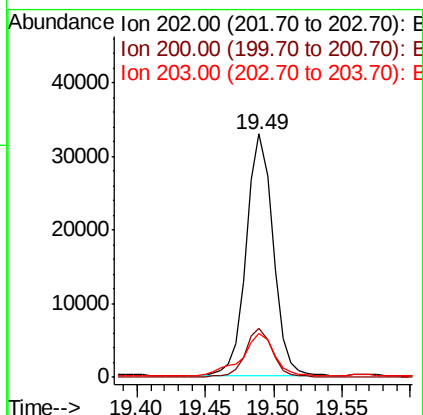
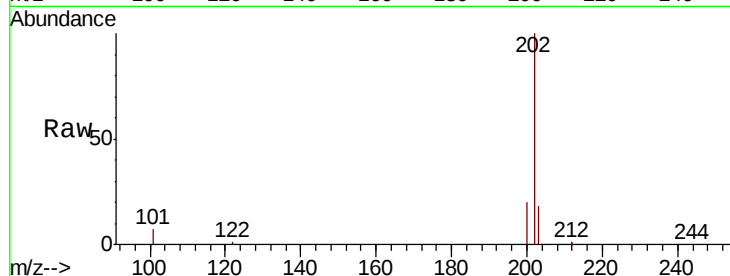




#28
 Pyrene
 Concen: 2.018 ng
 RT: 19.49 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BE100270.D
 Acq: 1 Jul 2019 17:55

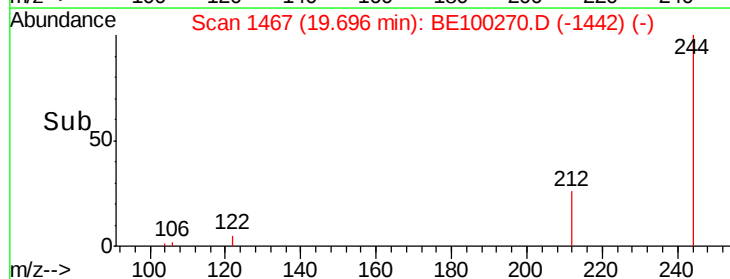
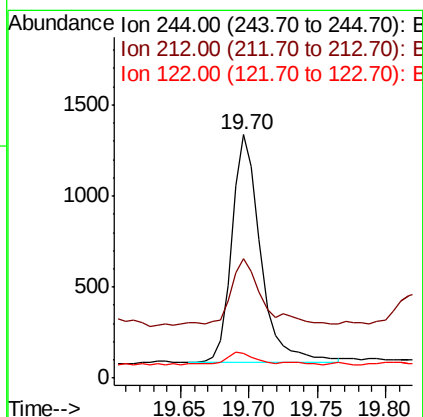
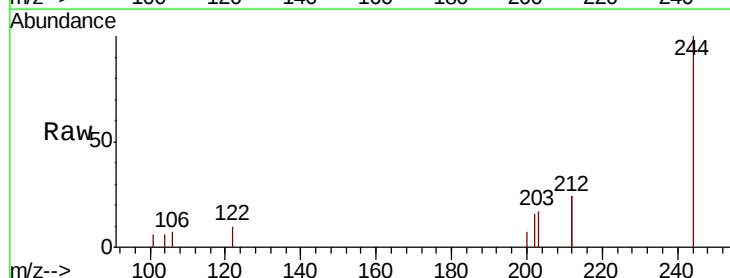
Instrument :
 BNA_E
 ClientSampleId :
 EXT-013-SW162-061319DL

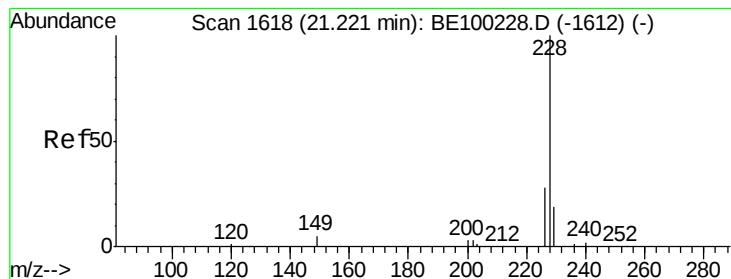
Tgt Ion: 202 Resp: 44830
 Ion Ratio Lower Upper
 202 100
 200 19.8 15.6 23.4
 203 21.6 14.0 21.0#



#29
 Terphenyl-d14
 Concen: 0.106 ng
 RT: 19.70 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BE100270.D
 Acq: 1 Jul 2019 17:55

Tgt Ion: 244 Resp: 1838
 Ion Ratio Lower Upper
 244 100
 212 48.9 27.3 40.9#
 122 10.1 4.7 7.1#





#30

Benzo(a)anthracene

Concen: 1.258 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW162-061319DL

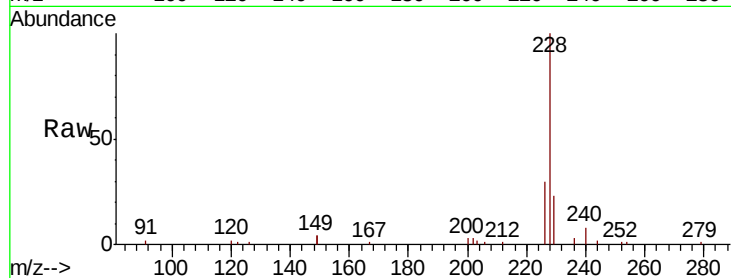
Tgt Ion:228 Resp: 34700

Ion Ratio Lower Upper

228 100

226 29.6 23.2 34.8

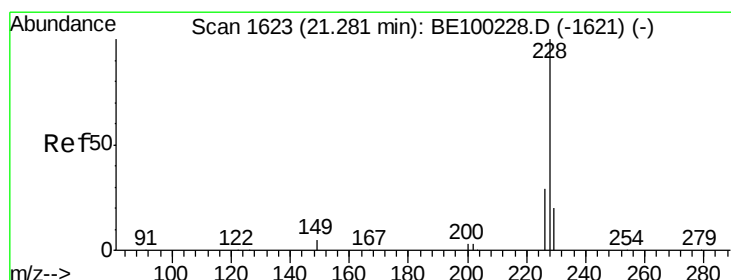
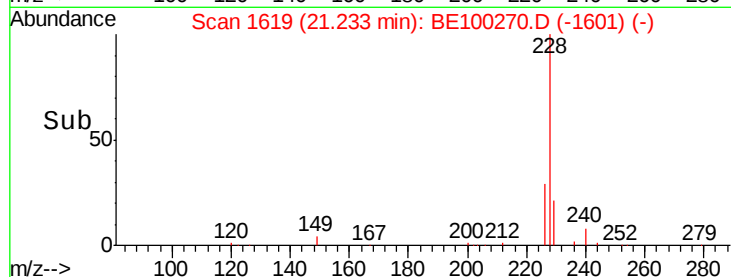
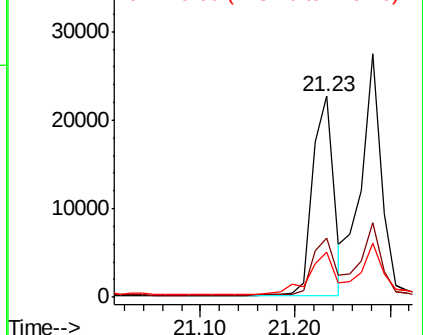
229 22.8 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 1.296 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

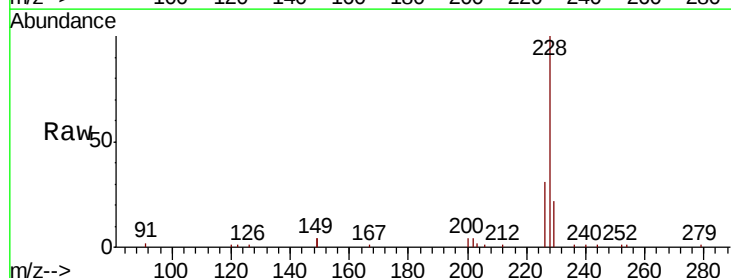
Tgt Ion:228 Resp: 35894

Ion Ratio Lower Upper

228 100

226 30.9 23.9 35.9

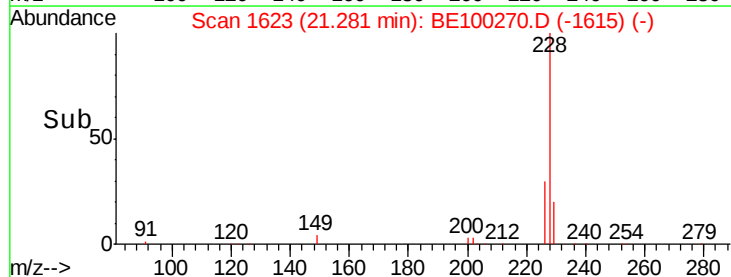
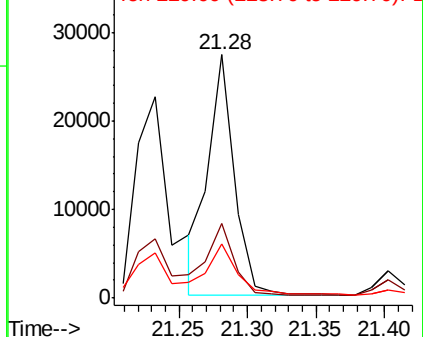
229 22.1 16.5 24.7

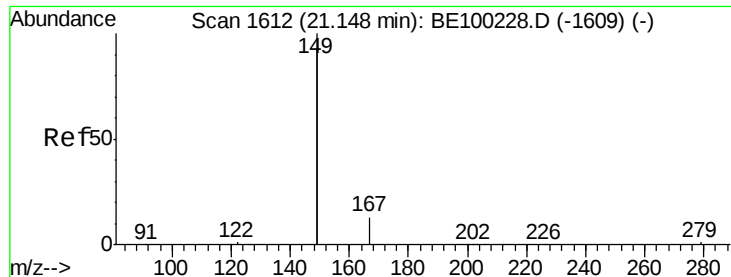


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.604 ng

RT: 21.15 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW162-061319DL

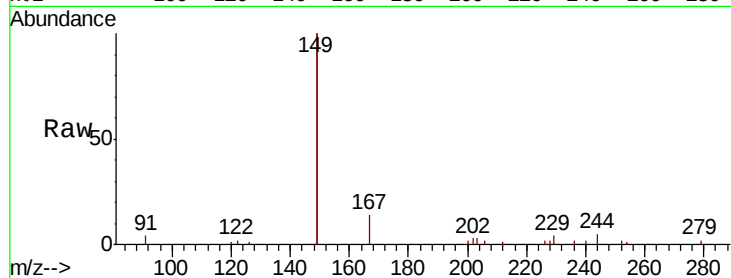
Tgt Ion:149 Resp: 25795

Ion Ratio Lower Upper

149 100

167 7.2 5.8 8.8

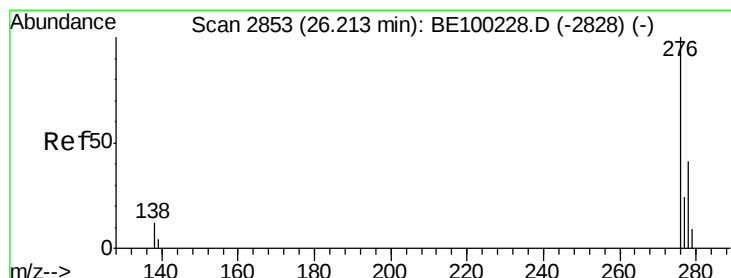
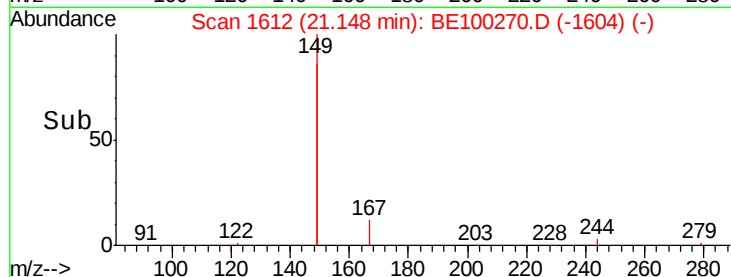
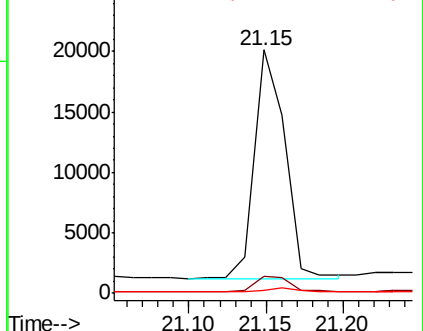
279 1.6 1.1 1.7



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: 0.743 ng

RT: 26.23 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

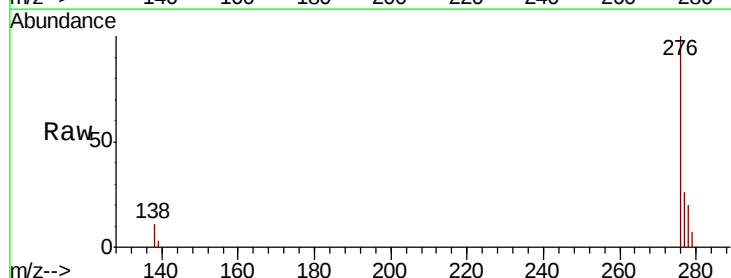
Tgt Ion:276 Resp: 27238

Ion Ratio Lower Upper

276 100

138 9.6 9.4 14.0

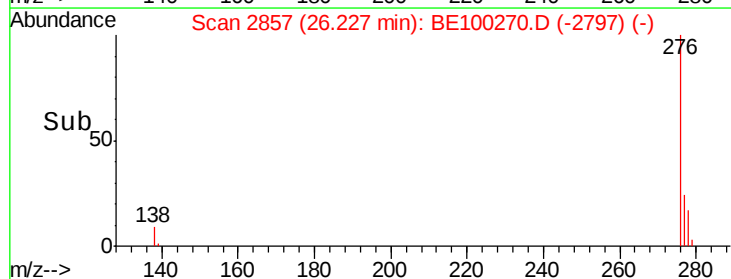
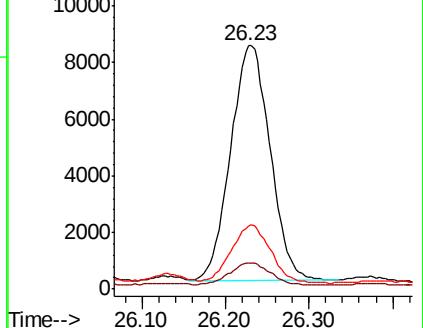
277 24.6 19.2 28.8

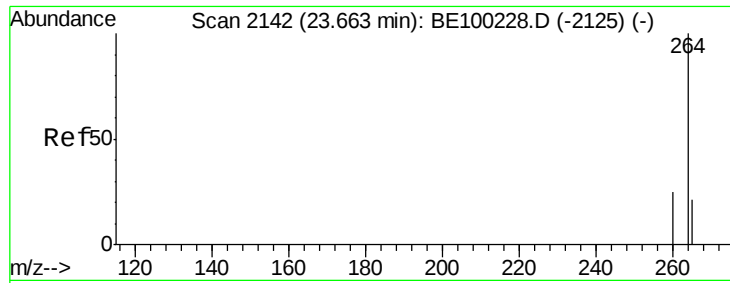


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

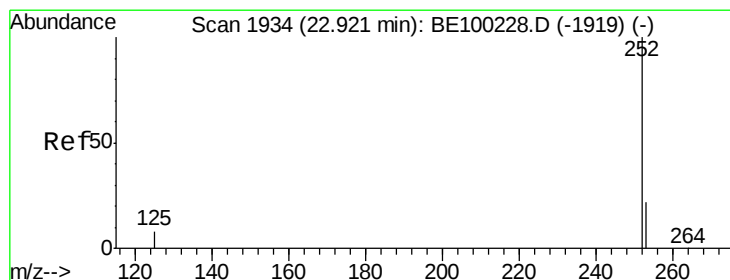
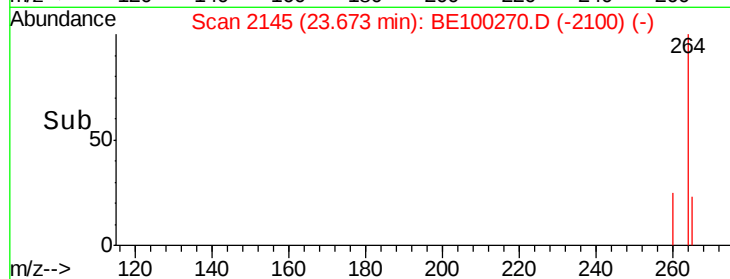
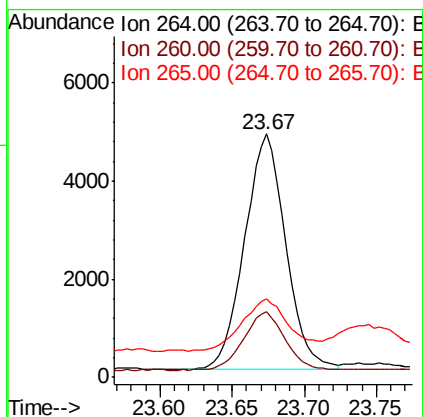
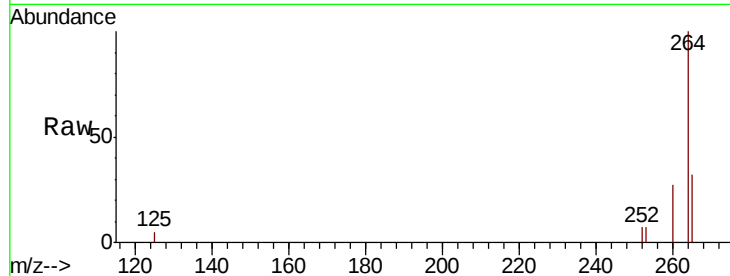




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BE100270.D
Acq: 1 Jul 2019 17:55

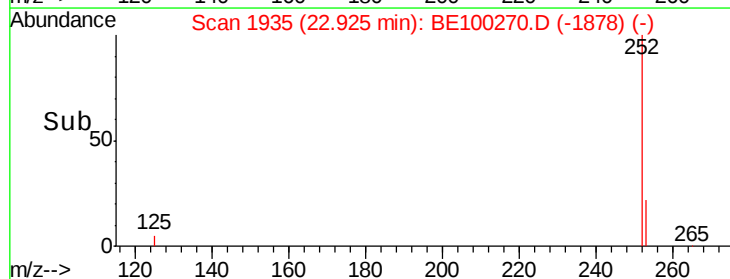
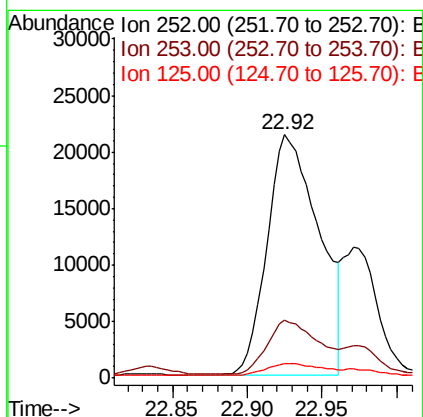
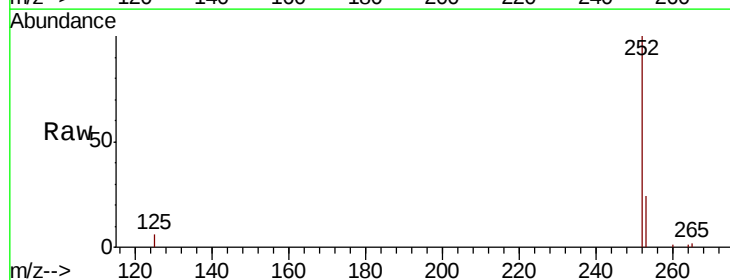
Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319DL

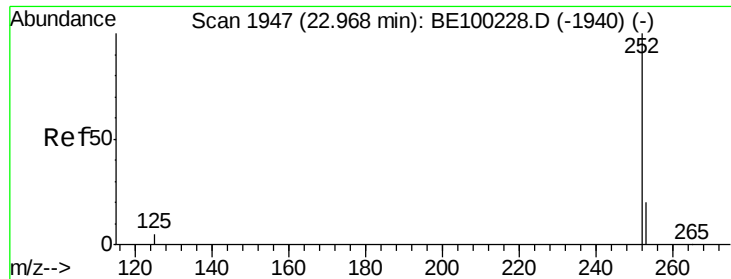
Tgt Ion:264 Resp: 9375
Ion Ratio Lower Upper
264 100
260 26.9 20.8 31.2
265 32.0 21.8 32.6



#35
Benzo(b)fluoranthene
Concen: 2.024 ng
RT: 22.92 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100270.D
Acq: 1 Jul 2019 17:55

Tgt Ion:252 Resp: 51441
Ion Ratio Lower Upper
252 100
253 23.6 19.2 28.8
125 6.0 7.4 11.0#

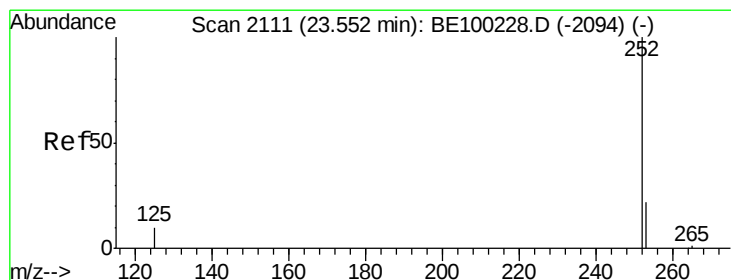
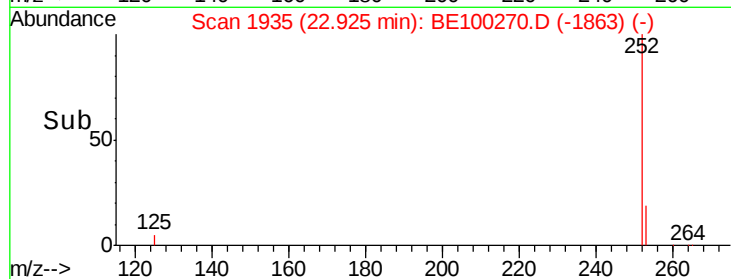
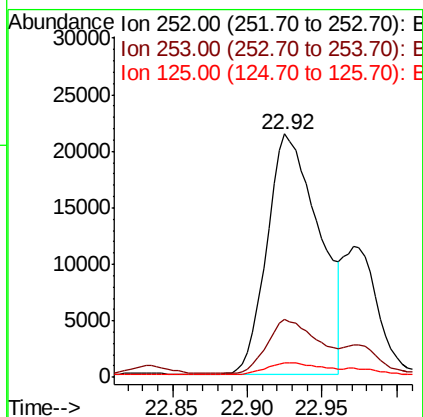
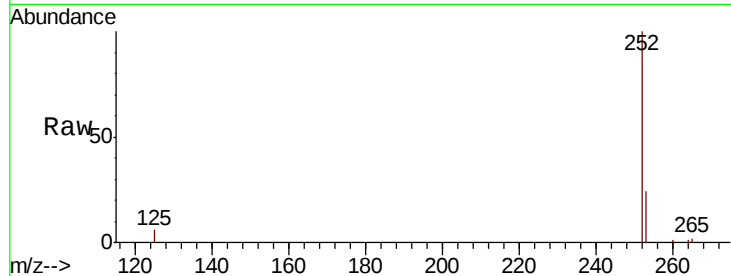




#36
Benzo(k)fluoranthene
Concen: 1.813 ng
RT: 22.92 min Scan# 1935
Delta R.T. -0.04 min
Lab File: BE100270.D
Acq: 1 Jul 2019 17:55

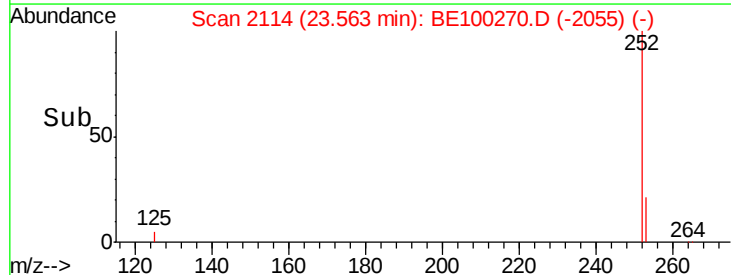
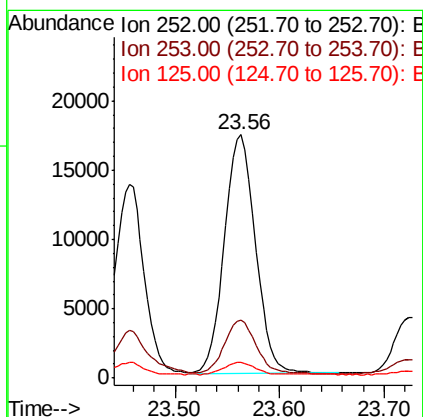
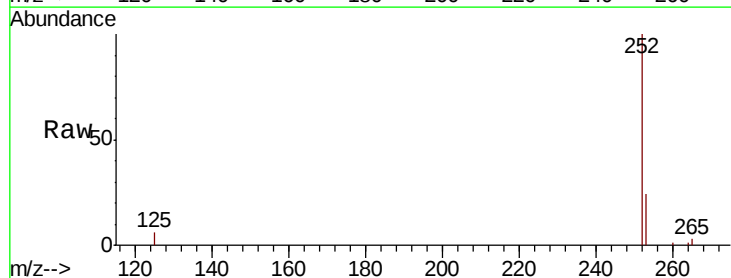
Instrument :
BNA_E
ClientSampleId :
EXT-013-SW162-061319DL

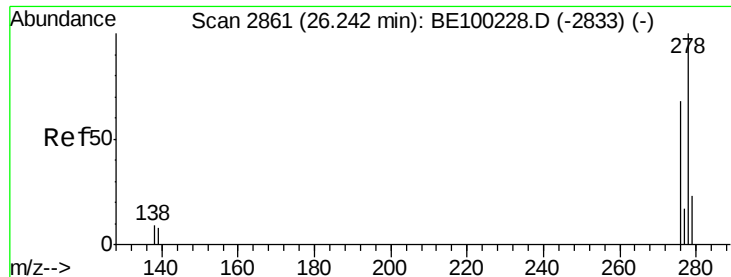
Tgt Ion:252 Resp: 51441
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 6.0 5.0 7.4



#37
Benzo(a)pyrene
Concen: 1.390 ng
RT: 23.56 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BE100270.D
Acq: 1 Jul 2019 17:55

Tgt Ion:252 Resp: 35400
Ion Ratio Lower Upper
252 100
253 24.0 19.6 29.4
125 6.4 9.0 13.6#





#38

Dibenzo(a,h)anthracene

Concen: 0.120 ng

RT: 26.24 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

Instrument :

BNA_E

ClientSampleId :

EXT-013-SW162-061319DL

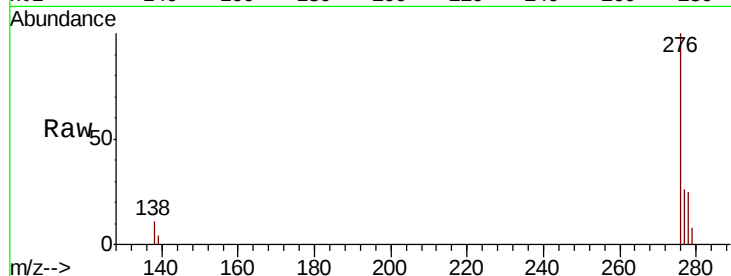
Tgt Ion:278 Resp: 3192

Ion Ratio Lower Upper

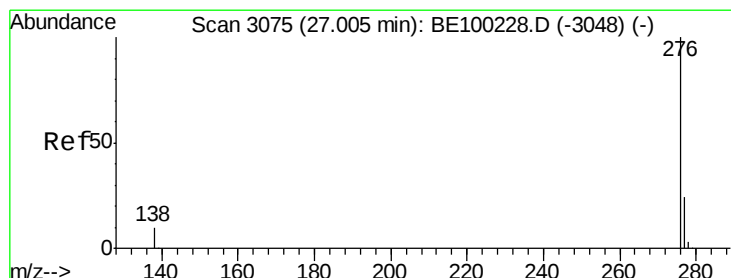
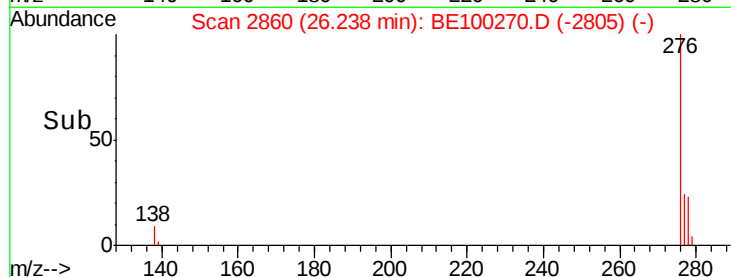
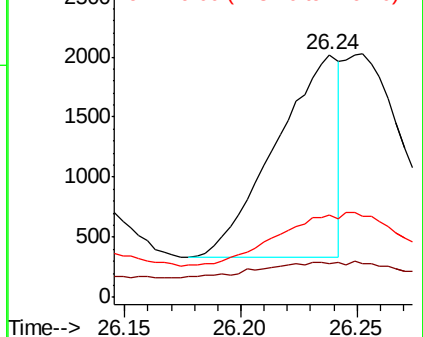
278 100

139 14.1 8.2 12.2#

279 33.7 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: 1.033 ng

RT: 27.02 min Scan# 3080

Delta R.T. 0.02 min

Lab File: BE100270.D

Acq: 1 Jul 2019 17:55

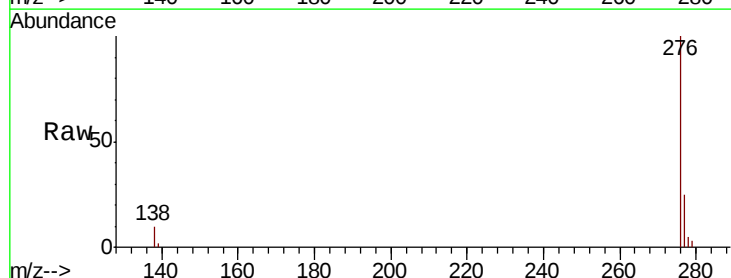
Tgt Ion:276 Resp: 28232

Ion Ratio Lower Upper

276 100

277 25.1 20.2 30.2

138 10.3 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

