

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
 Data File : BE100969.D
 Acq On : 24 Dec 2019 11:40
 Operator : JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 24 13:03:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 11:32:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2675	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	13329	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	8346	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	18176	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	19542	0.40	ng	0.00
34) Perylene-d12	23.72	264	22158	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	6918	1.45	ng	-0.01
5) Phenol-d6	6.93	99	6875	1.18	ng	-0.06
8) Nitrobenzene-d5	8.89	82	12543	1.78	ng	-0.03
11) 2-Methylnaphthalene-d10	12.12	152	32737	1.63	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	3517	1.72	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	49533	1.68	ng	-0.01
25) Fluoranthene-d10	19.14	212	372290	1.64	ng	0.00
29) Terphenyl-d14	19.75	244	75511	1.69	ng	0.00

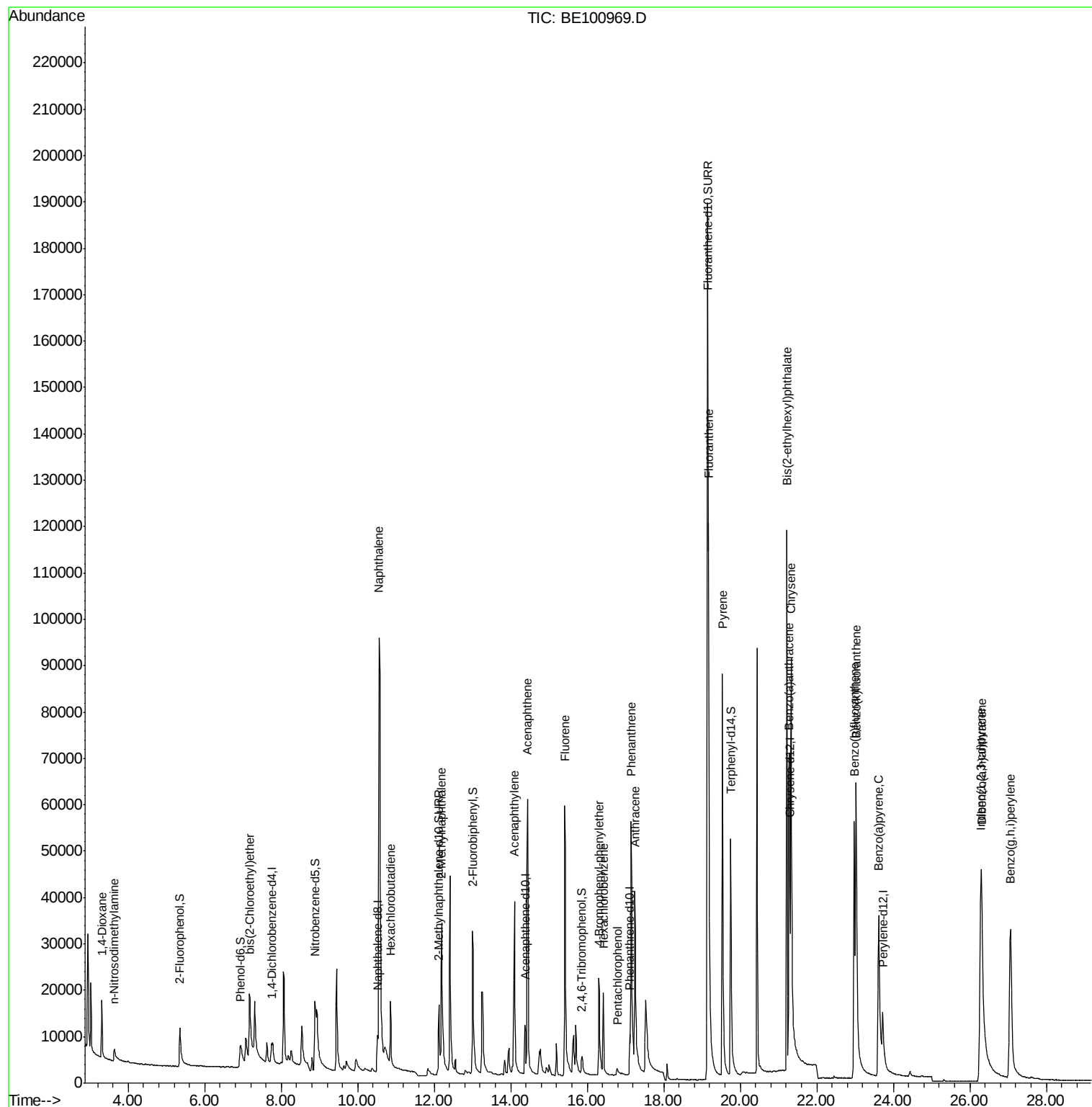
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.31	88	9606	0.943	ng	# 85
3) n-Nitrosodimethylamine	3.63	42	4270	1.458	ng	# 78
6) bis(2-Chloroethyl)ether	7.18	93	13302	1.945	ng	85
9) Naphthalene	10.56	128	235716	1.637	ng	99
10) Hexachlorobutadiene	10.86	225	9750	1.584	ng	99
12) 2-Methylnaphthalene	12.19	142	34520	1.704	ng	98
16) Acenaphthylene	14.10	152	53944	1.569	ng	100
17) Acenaphthene	14.44	154	38129	1.630	ng	99
18) Fluorene	15.41	166	48728	1.646	ng	100
20) 4-Bromophenyl-phenylether	16.32	248	14061	1.739	ng	# 88
21) Hexachlorobenzene	16.43	284	15798	1.714	ng	99
22) Pentachlorophenol	16.79	266	1776	1.303	ng	# 85
23) Phenanthrene	17.15	178	82202	1.735	ng	99
24) Anthracene	17.24	178	58729	1.845	ng	99
26) Fluoranthene	19.17	202	110339	1.678	ng	99
28) Pyrene	19.53	202	113329	1.622	ng	100
30) Benzo(a)anthracene	21.27	228	86776	1.694	ng	99
31) Chrysene	21.33	228	100591	1.558	ng	100
32) Bis(2-ethylhexyl)phthalate	21.22	149	149700	0.929	ng	100
33) Indeno(1,2,3-cd)pyrene	26.28	276	109037	1.614	ng	# 91
35) Benzo(b)fluoranthene	22.98	252	88126	1.793	ng	98
36) Benzo(k)fluoranthene	23.03	252	139815	2.132	ng	96
37) Benzo(a)pyrene	23.62	252	91847	1.641	ng	# 93
38) Dibenzo(a,h)anthracene	26.31	278	82456	1.749	ng	# 95
39) Benzo(g,h,i)perylene	27.06	276	99611	1.710	ng	97

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

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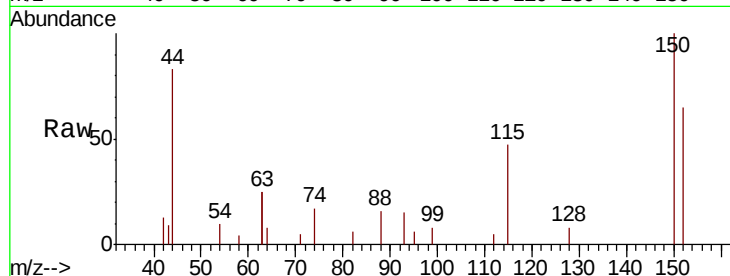


#1

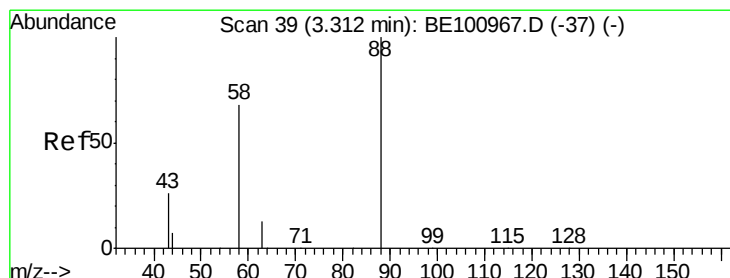
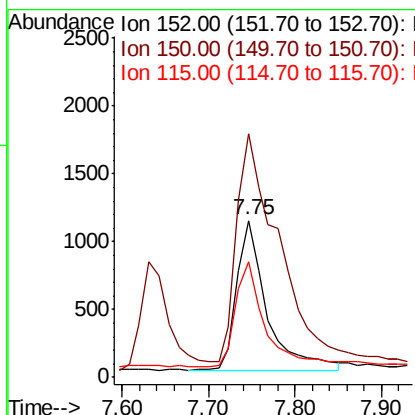
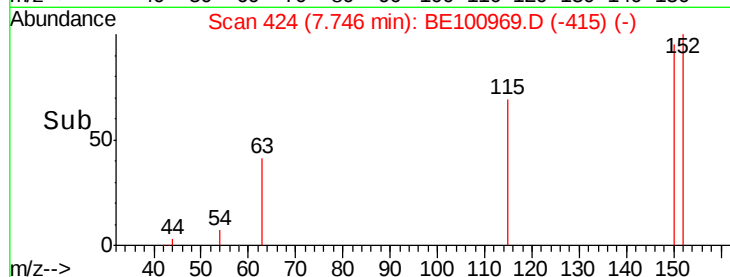
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2675
Ion Ratio Lower Upper
152 100
150 154.9 132.6 199.0
115 73.4 64.1 96.1



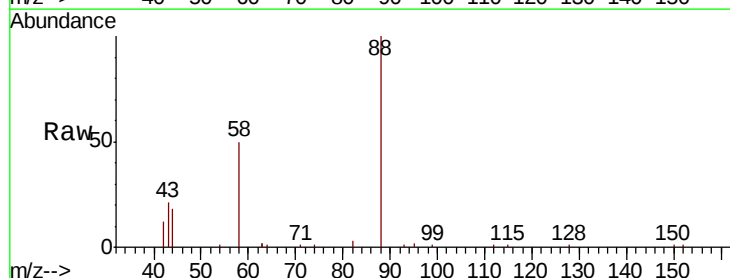
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



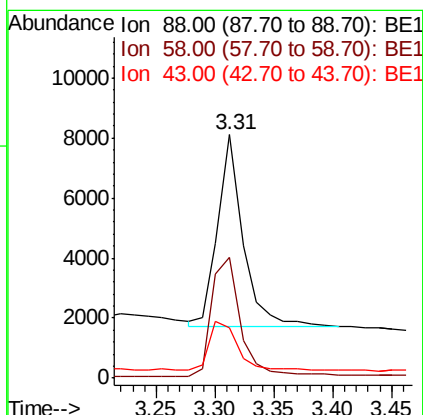
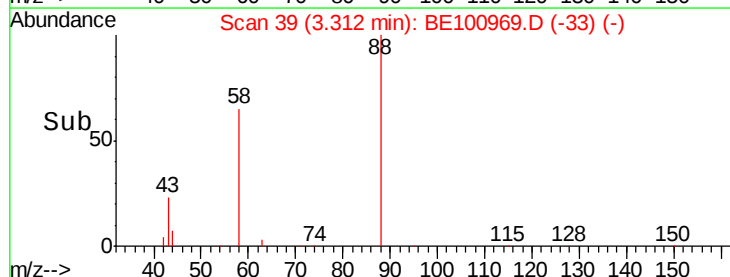
#2

1,4-Dioxane
Concen: 0.943 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

Tgt Ion: 88 Resp: 9606
Ion Ratio Lower Upper
88 100
58 70.2 44.2 66.4#
43 28.0 21.0 31.6



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: 1.458 ng

RT: 3.63 min Scan# 67

Delta R.T. -0.03 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

Instrument :

BNA_E

ClientSampleId :

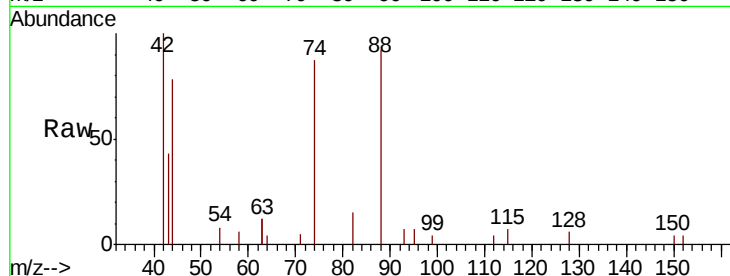
Tot Ion: 42 Resp: 4270

Ion Ratio Lower Upper

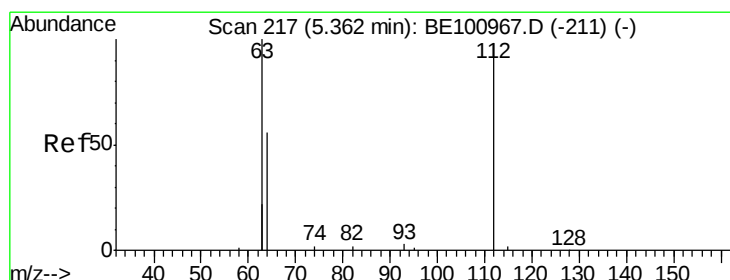
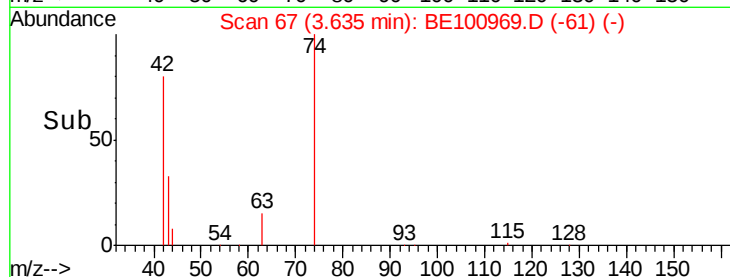
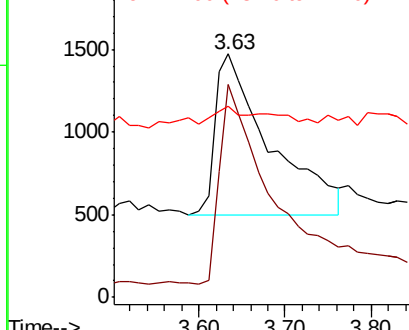
42 100

74 118.3 116.6 174.8

44 5.1 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: 1.450 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

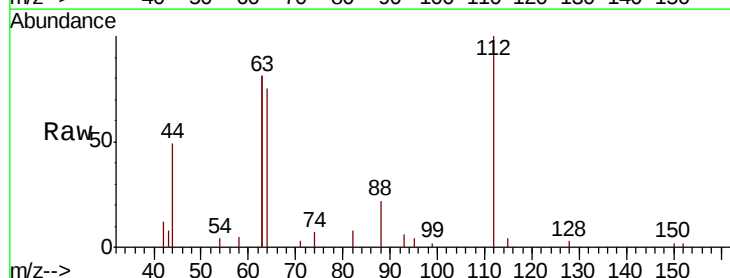
Tgt Ion: 112 Resp: 6918

Ion Ratio Lower Upper

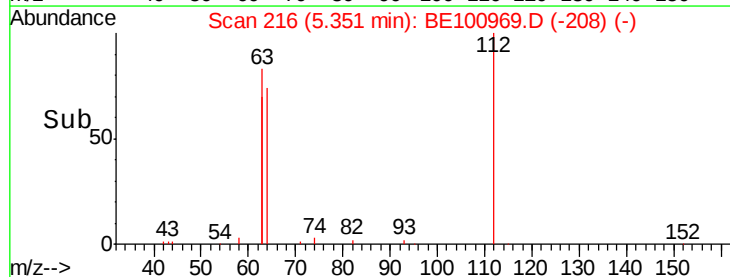
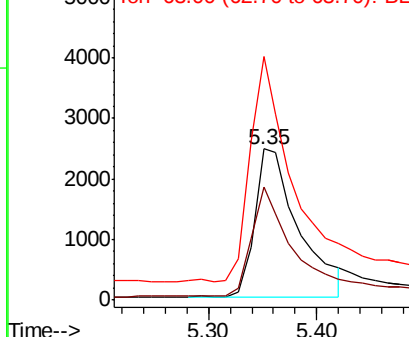
112 100

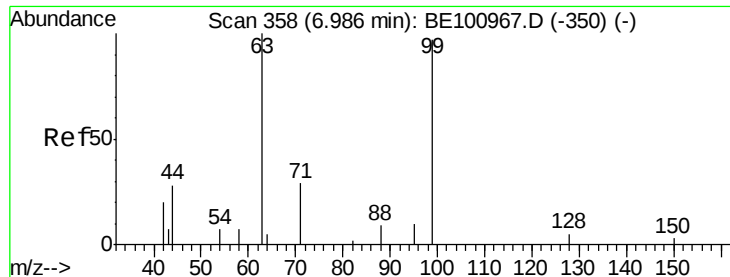
64 68.6 59.0 88.6

63 143.2 121.4 182.0



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: 1.181 ng

RT: 6.93 min Scan# 353

Delta R.T. -0.06 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

Instrument :

BNA_E

ClientSampled :

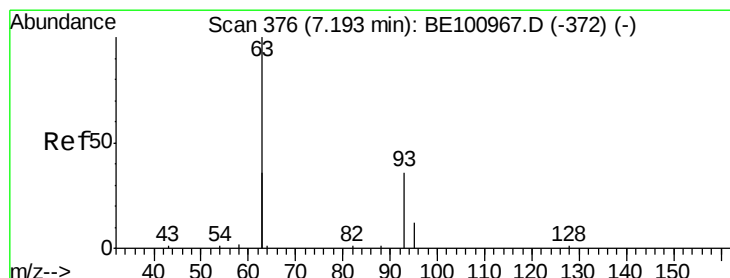
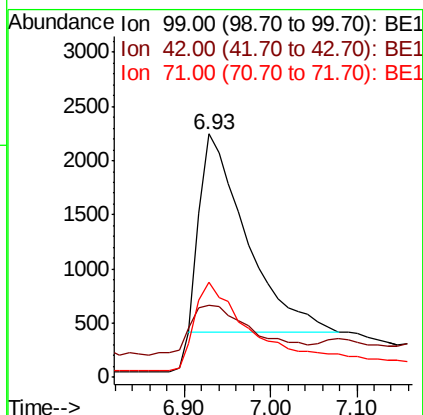
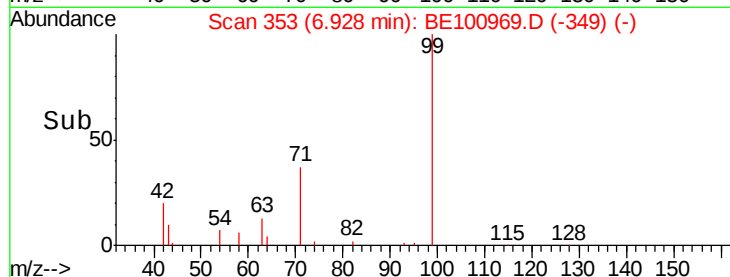
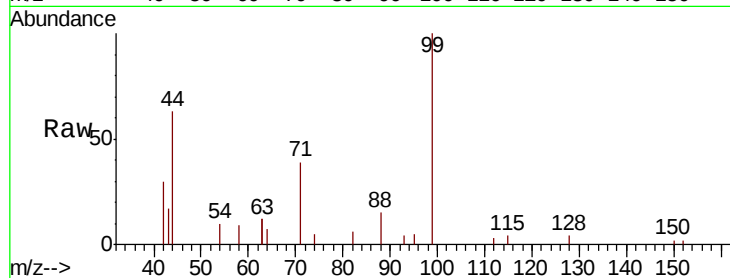
Tot Ion: 99 Resp: 6875

Ion Ratio Lower Upper

99 100

42 19.3 0.0 0.0#

71 35.0 0.0 0.0#



#6

bis(2-Chloroethyl)ether

Concen: 1.945 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

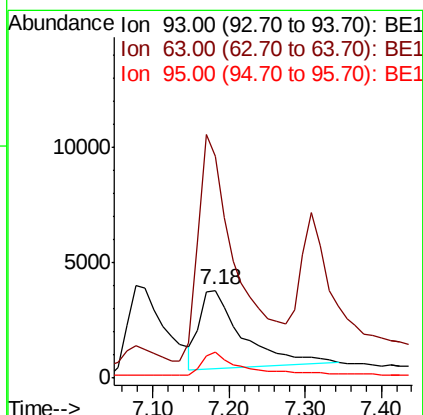
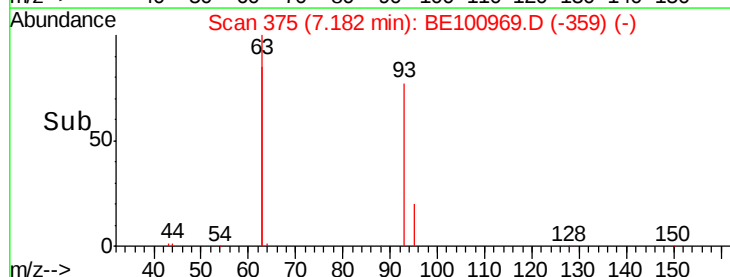
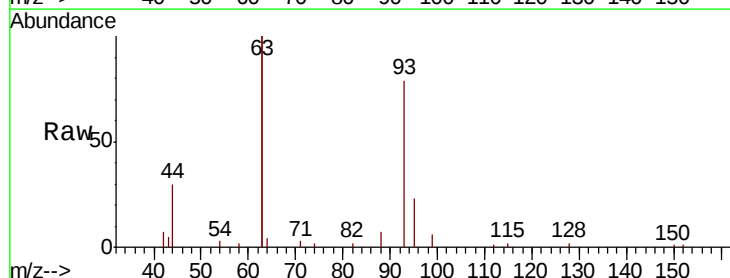
Tgt Ion: 93 Resp: 13302

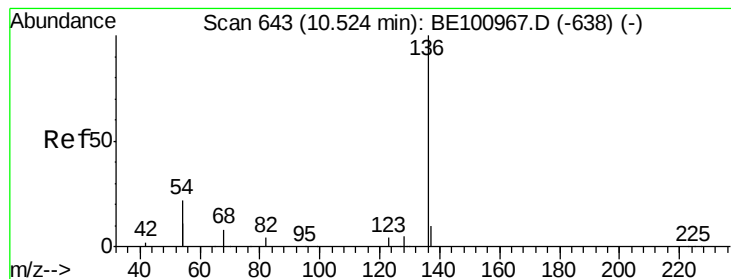
Ion Ratio Lower Upper

93 100

63 254.2 228.3 342.5

95 29.0 25.9 38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.00 min

Lab File: BE100969.D

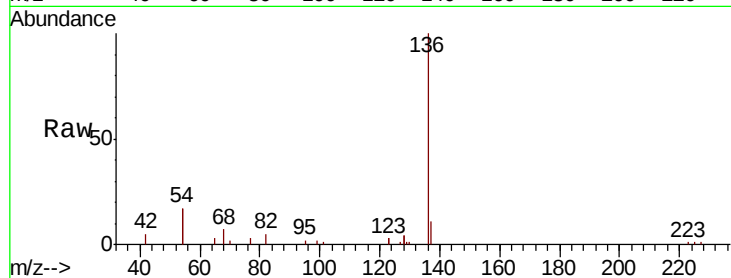
Acq: 24 Dec 2019 11:40

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	13329
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.0 13.6
54	33.4	34.4 51.6#
68	7.3	7.8 11.6#

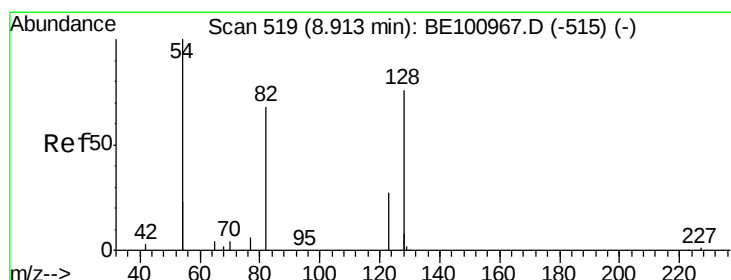
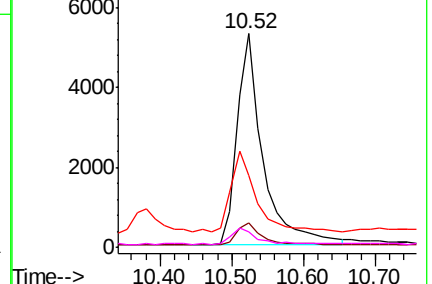
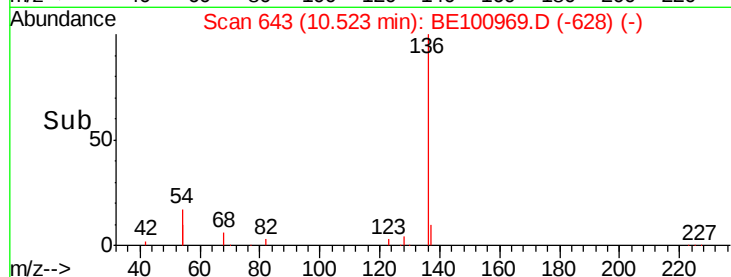


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.780 ng

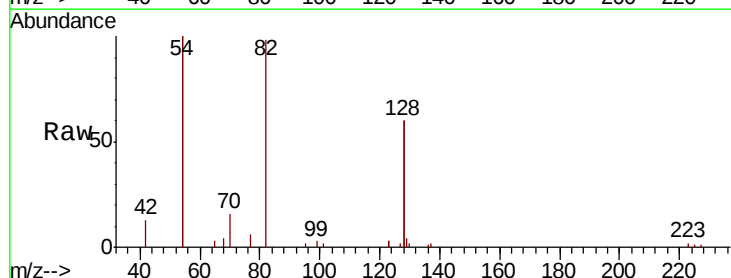
RT: 8.89 min Scan# 517

Delta R.T. -0.03 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

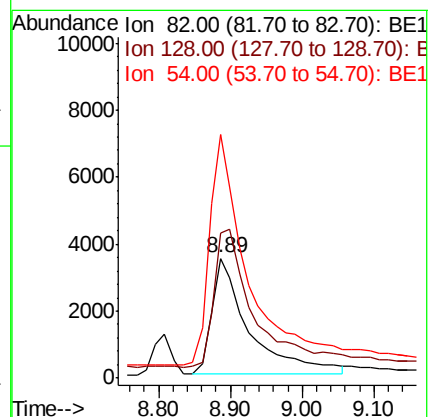
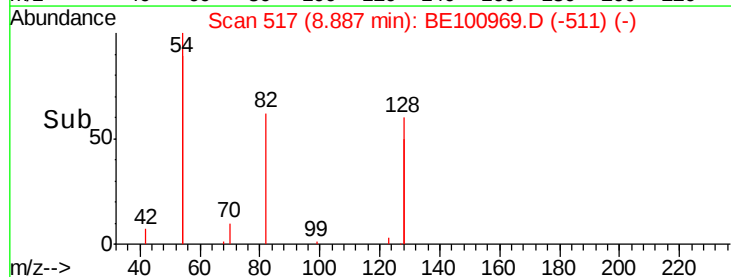
Tgt Ion: 82	Resp:	12543
Ion	Ratio	Lower Upper
82	100	
128	121.6	140.2 210.2#
54	203.7	183.8 275.6

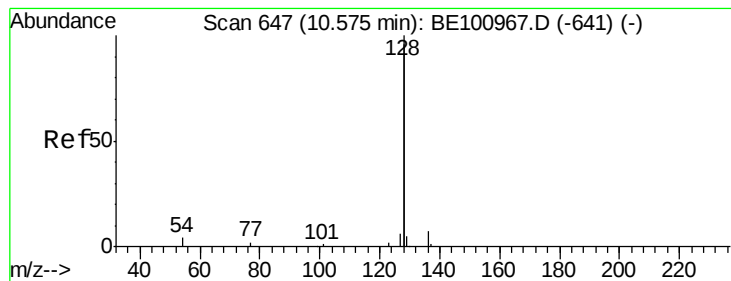


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 1.637 ng

RT: 10.56 min Scan# 646

Delta R.T. -0.01 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

Instrument :

BNA_E

ClientSampleId :

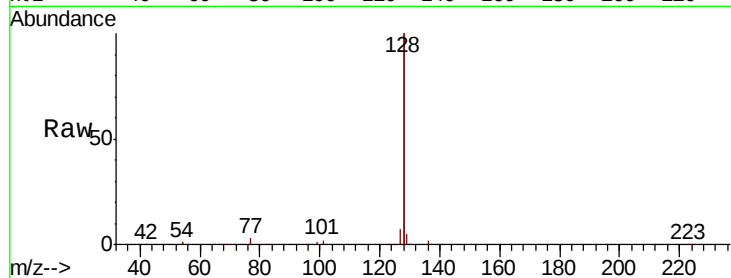
Tot Ion:128 Resp: 235716

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

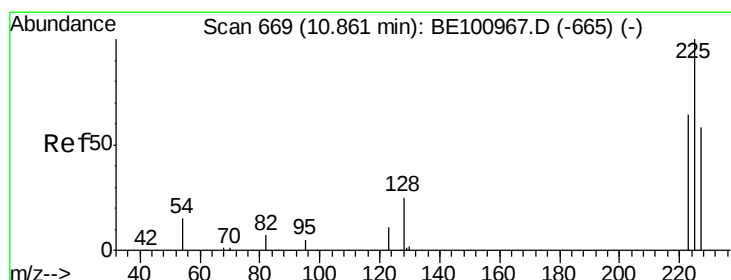
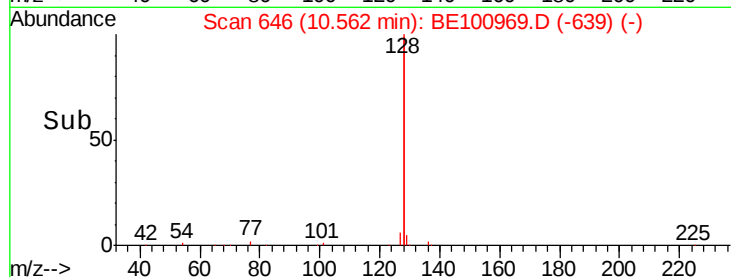
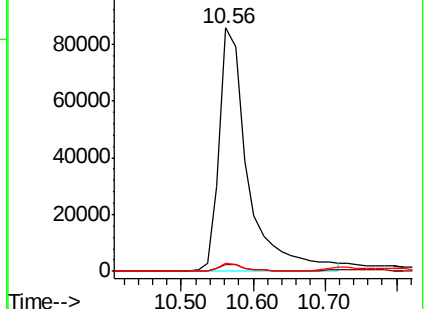
127 3.3 2.8 4.2



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

Hexachlorobutadiene

Concen: 1.584 ng

RT: 10.86 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

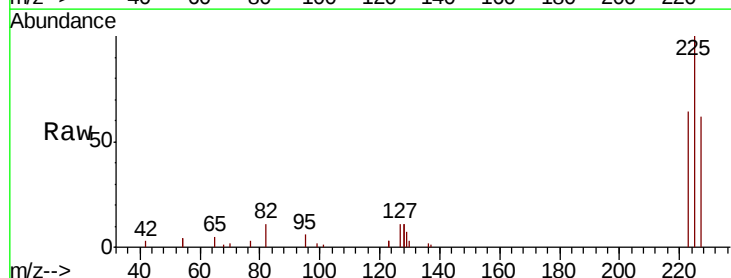
Tgt Ion:225 Resp: 9750

Ion Ratio Lower Upper

225 100

223 63.1 51.4 77.0

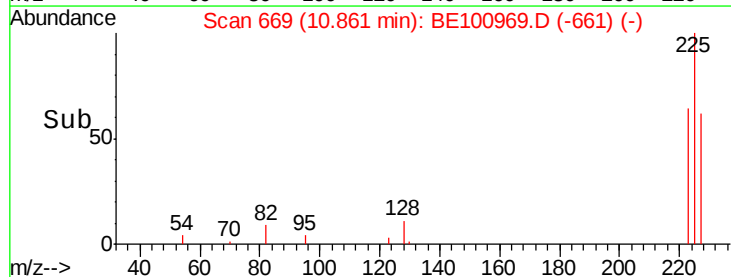
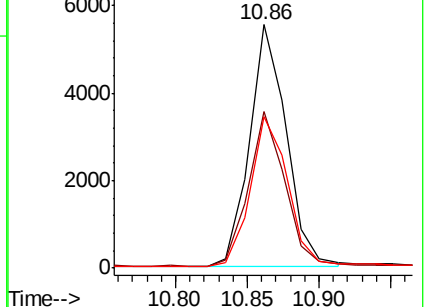
227 62.7 50.2 75.2

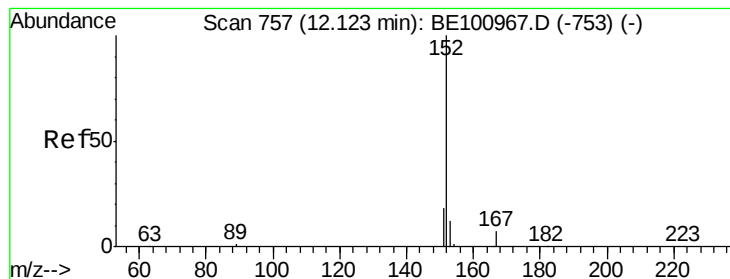


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.632 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

Instrument :

BNA_E

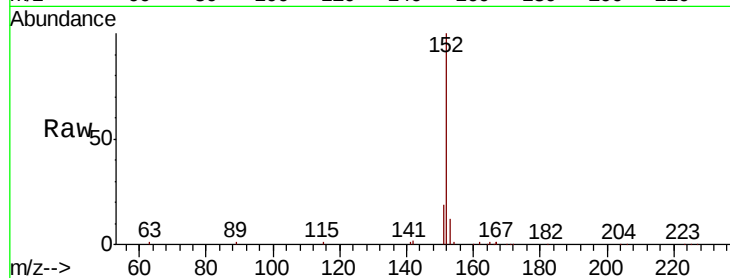
ClientSampled :

Tot Ion:152 Resp: 32737

Ion Ratio Lower Upper

152 100

151 20.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

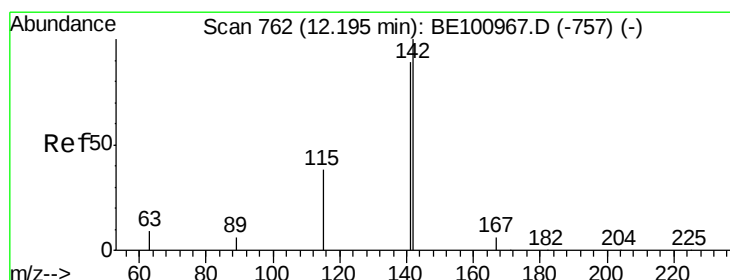
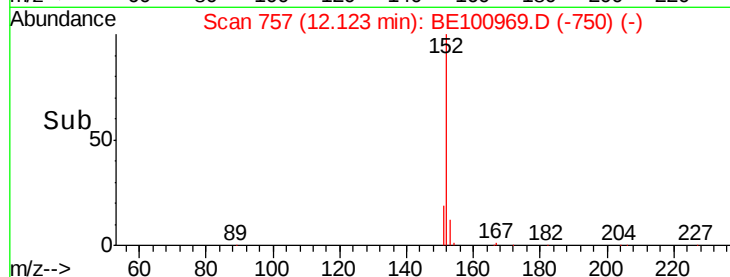
12.12

10000

5000

0

Time-->



#12

2-Methylnaphthalene

Concen: 1.704 ng

RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

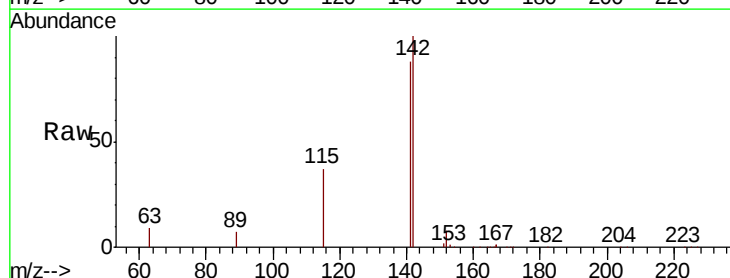
Tgt Ion:142 Resp: 34520

Ion Ratio Lower Upper

142 100

141 87.9 70.8 106.2

115 36.9 32.0 48.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.19

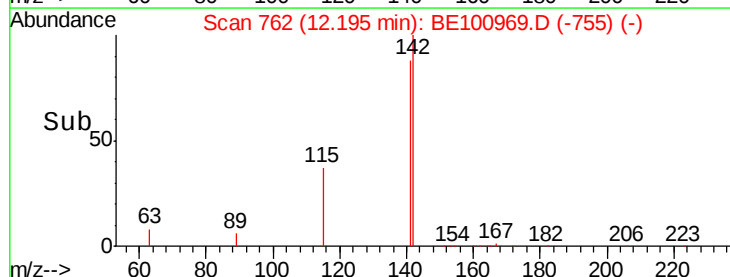
15000

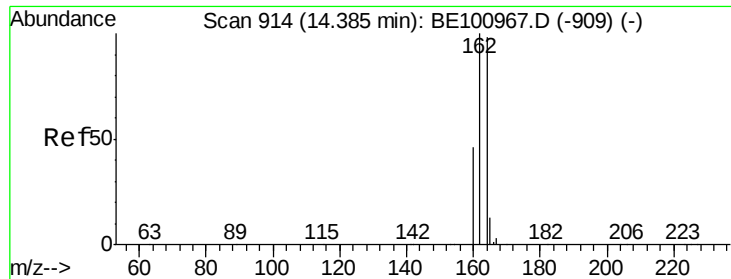
10000

5000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.37 min Scan# 913

Delta R.T. -0.01 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

Instrument :

BNA_E

ClientSampleId :

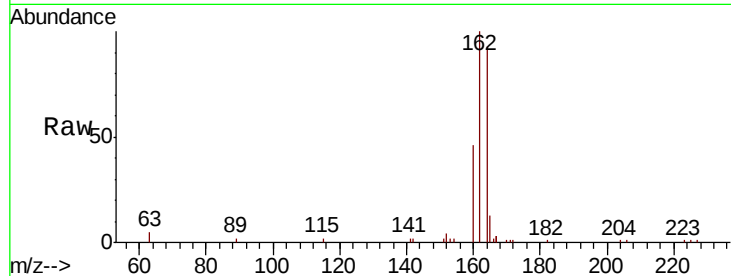
Tot Ion:164 Resp: 8346

Ion Ratio Lower Upper

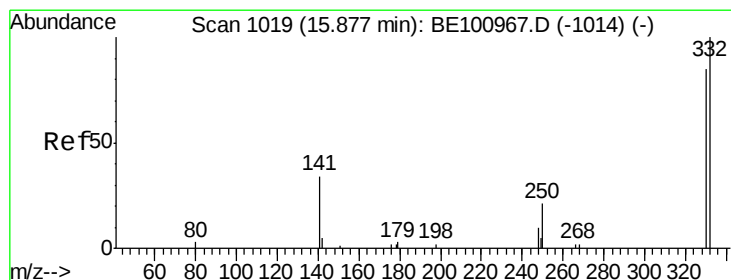
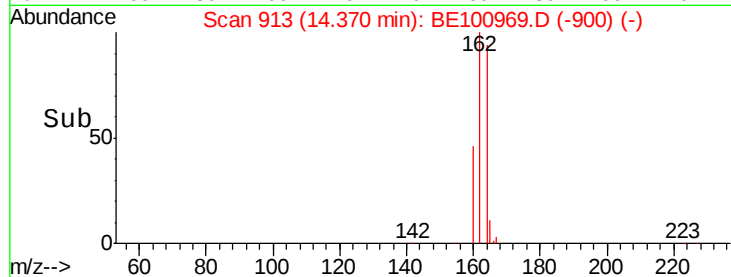
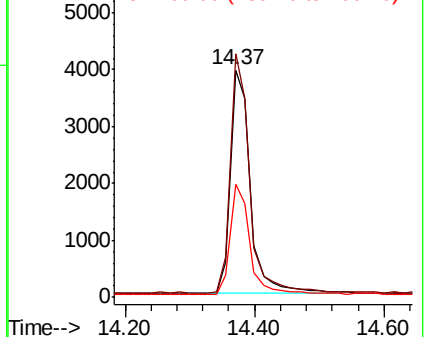
164 100

162 107.1 81.6 122.4

160 49.5 37.7 56.5



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: 1.716 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

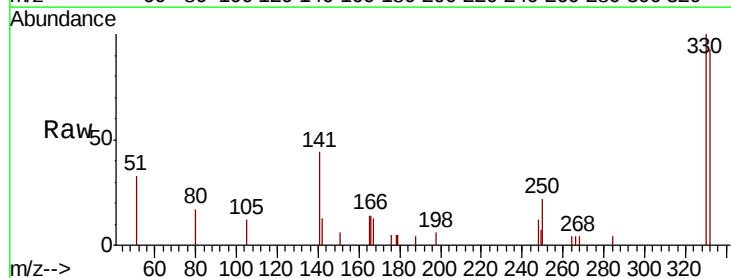
Tgt Ion:330 Resp: 3517

Ion Ratio Lower Upper

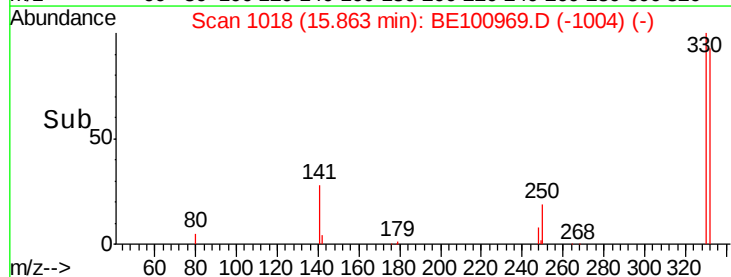
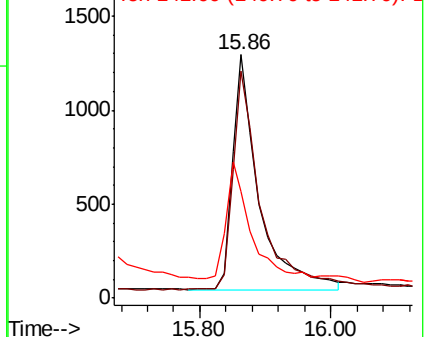
330 100

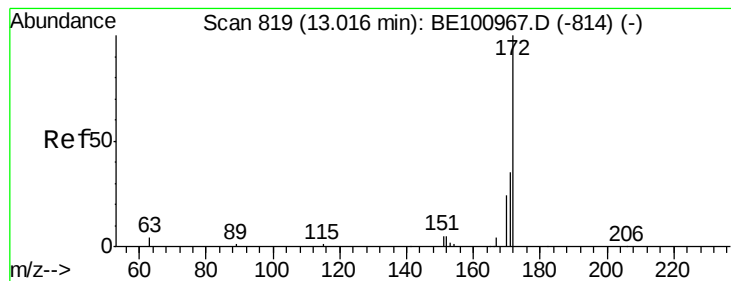
332 97.5 72.4 108.6

141 45.9 25.4 38.2#



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

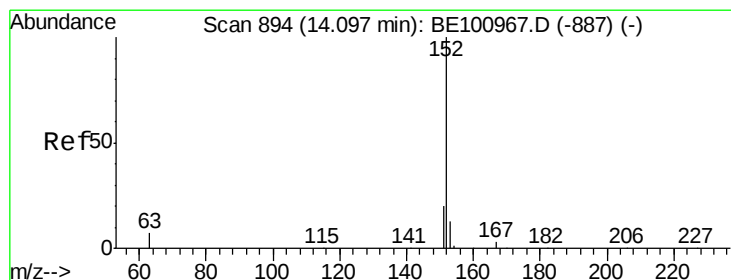
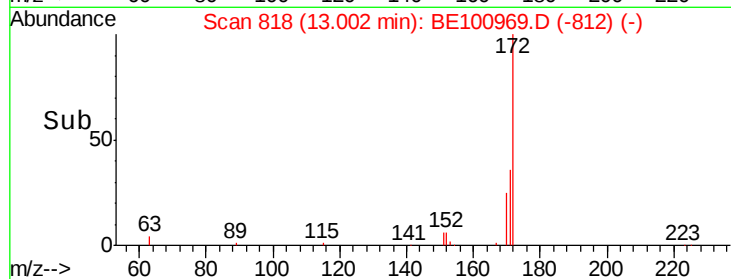
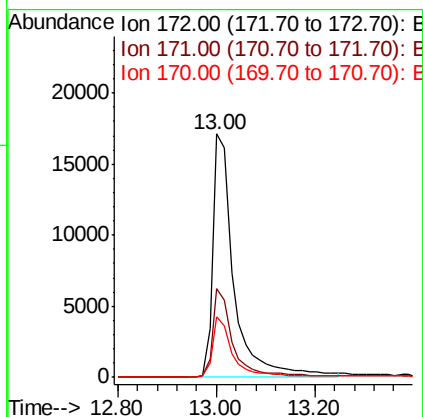
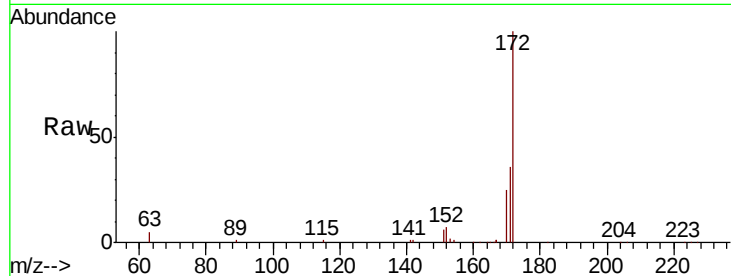




#15
2-Fluorobiphenyl
Concen: 1.678 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.01 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

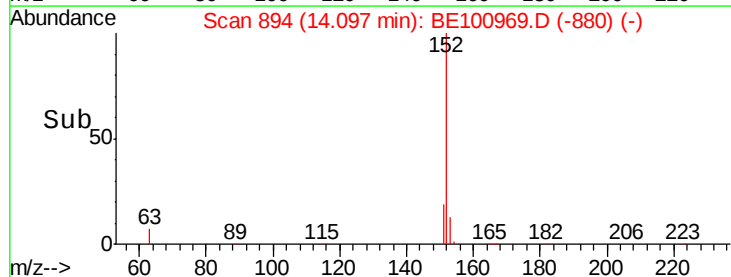
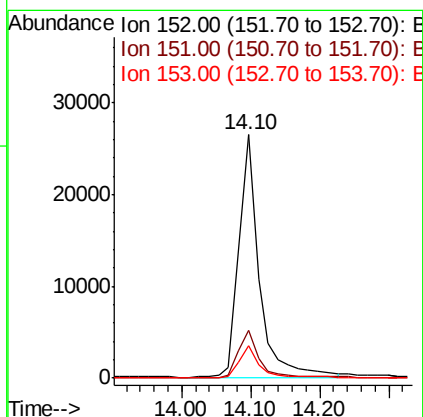
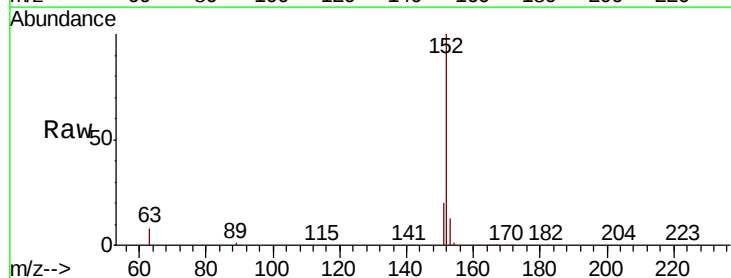
Instrument :
BNA_E
ClientSampleId :

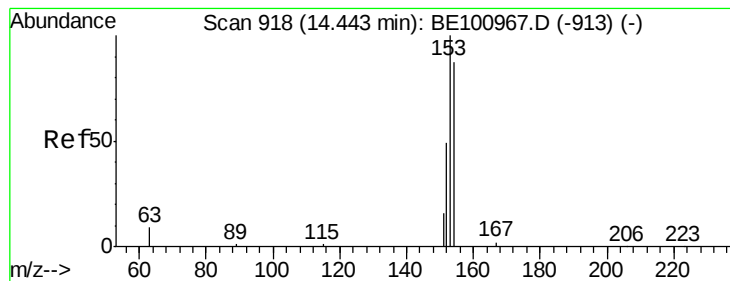
Tot Ion:172 Resp: 49533
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 25.0 20.0 30.0



#16
Acenaphthylene
Concen: 1.569 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

Tgt Ion:152 Resp: 53944
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 1.630 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.00 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

Instrument :

BNA_E

ClientSampleId :

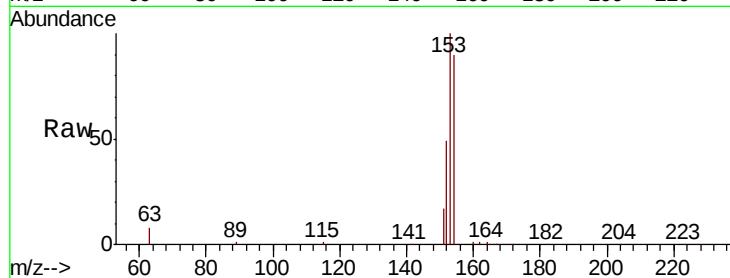
Tot Ion:154 Resp: 38129

Ion Ratio Lower Upper

154 100

153 114.3 91.7 137.5

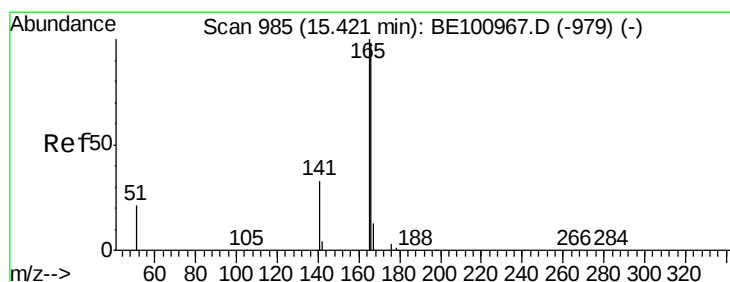
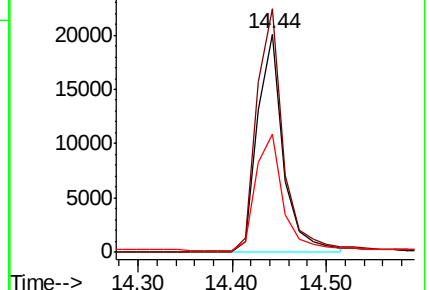
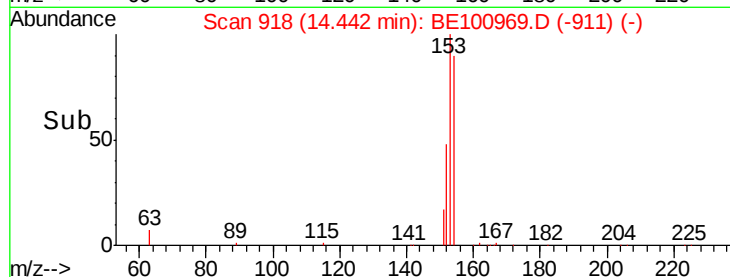
152 56.7 44.5 66.7



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: 1.646 ng

RT: 15.41 min Scan# 984

Delta R.T. -0.01 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

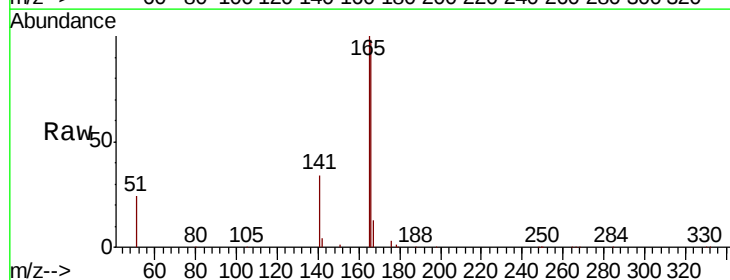
Tgt Ion:166 Resp: 48728

Ion Ratio Lower Upper

166 100

165 99.6 79.4 119.0

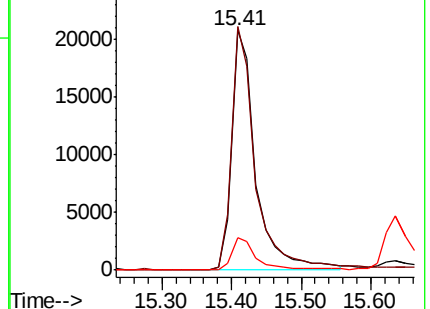
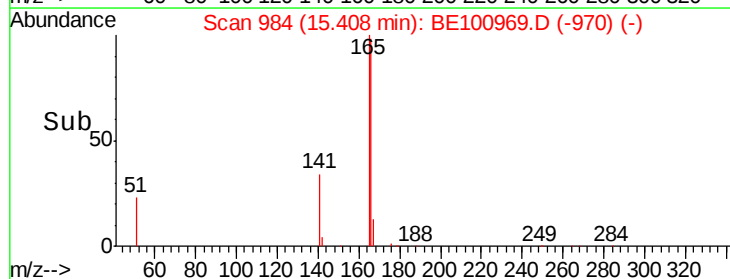
167 13.4 10.6 15.8

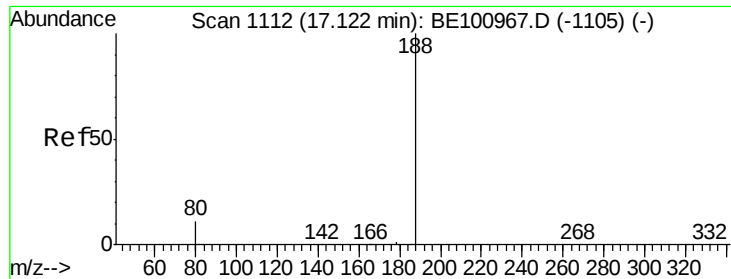


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





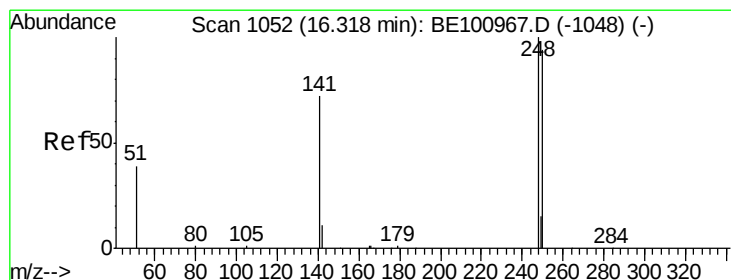
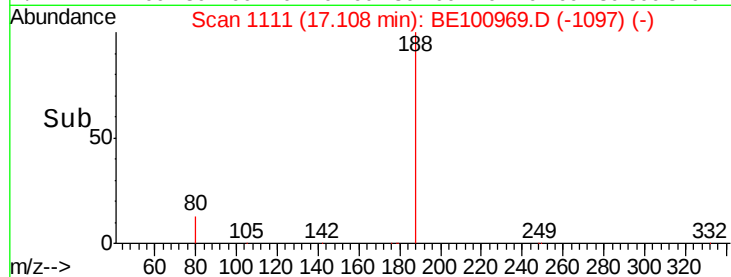
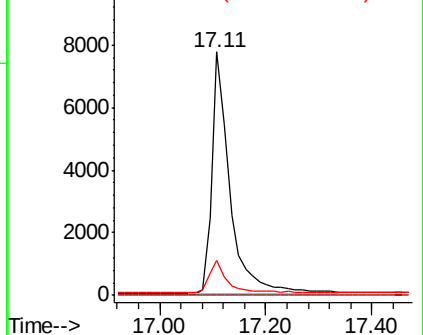
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

Instrument :
BNA_E
ClientSampled :

Tot Ion:188 Resp: 18176
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 9.7 14.5

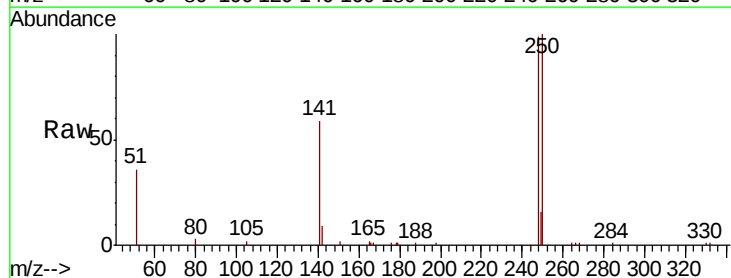


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

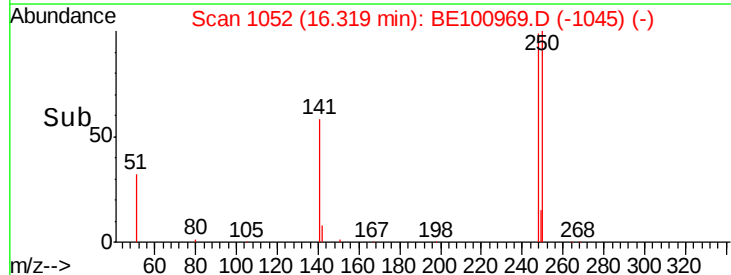
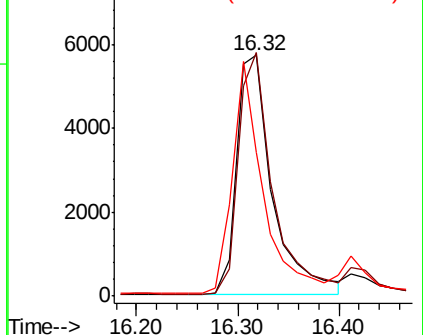


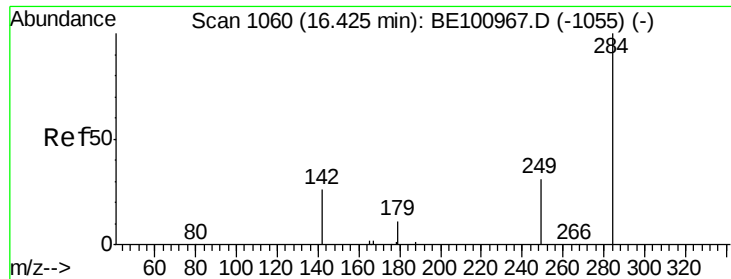
#20
4-Bromophenyl-phenylether
Concen: 1.739 ng
RT: 16.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

Tgt Ion:248 Resp: 14061
Ion Ratio Lower Upper
248 100
250 101.2 76.0 114.0
141 60.0 61.0 91.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

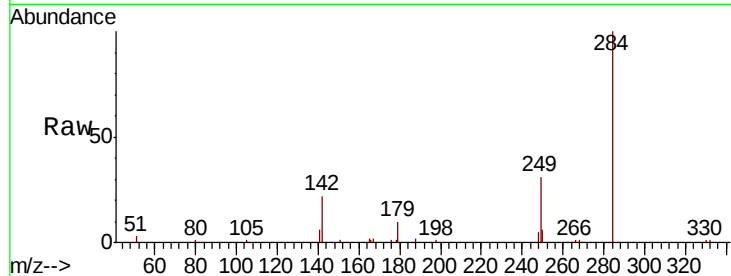




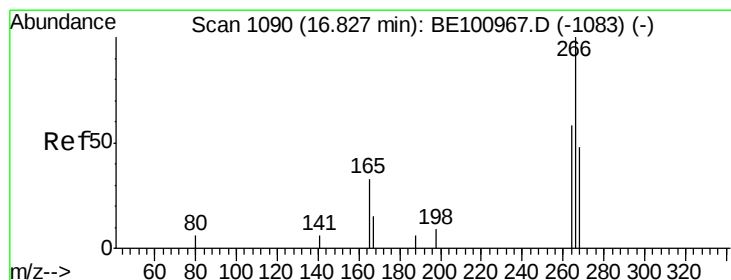
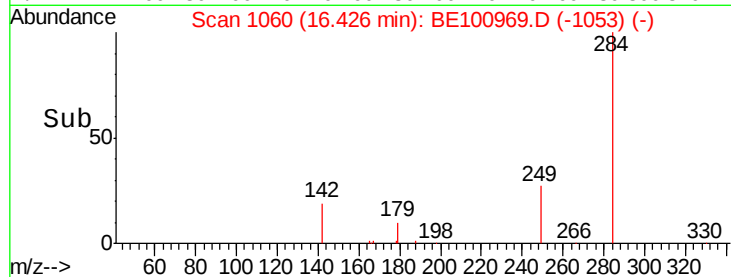
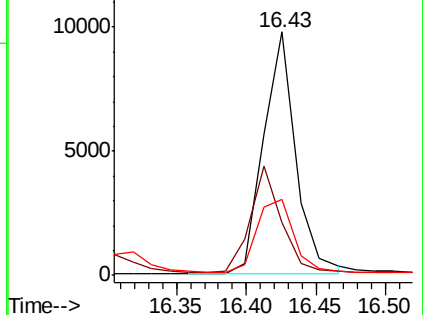
#21
Hexachlorobenzene
Concen: 1.714 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.0	33.3	49.9
249	34.2	27.2	40.8

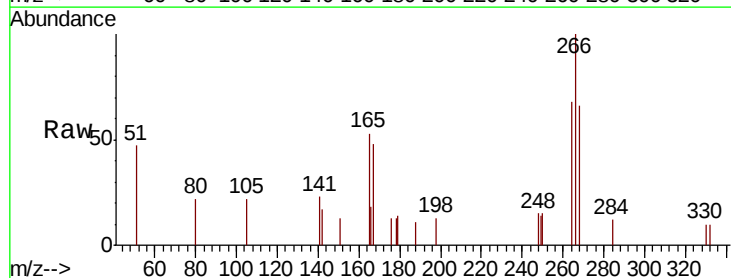


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

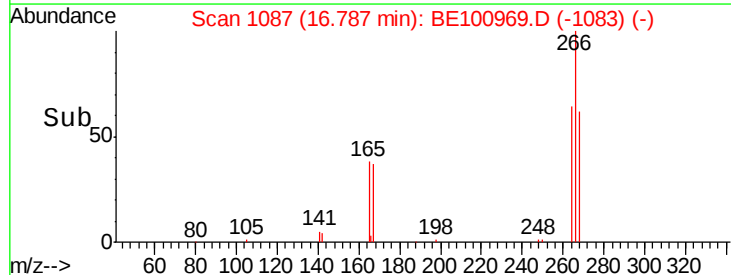
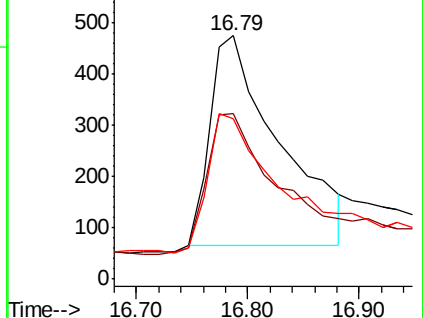


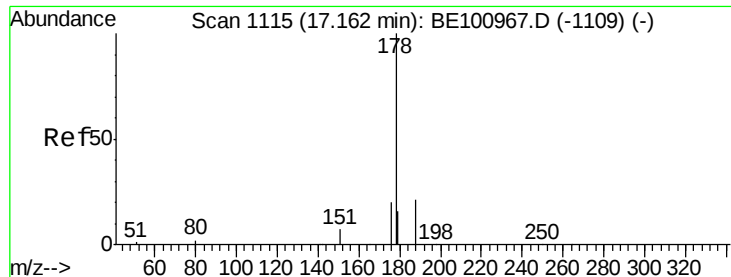
#22
Pentachlorophenol
Concen: 1.303 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.04 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

Tgt Ion	Ratio	Lower	Upper
266	100		
264	67.8	62.3	93.5
268	65.9	66.1	99.1#



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: 1.735 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

Instrument :

BNA_E

ClientSampled :

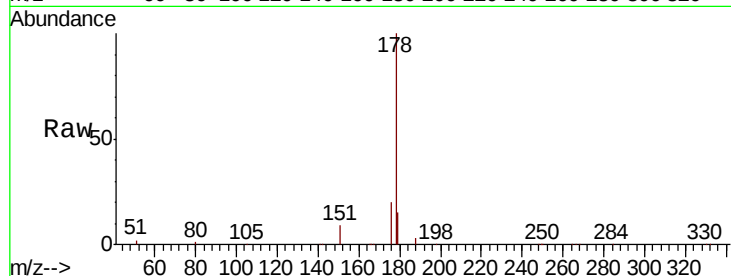
Tot Ion:178 Resp: 82202

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

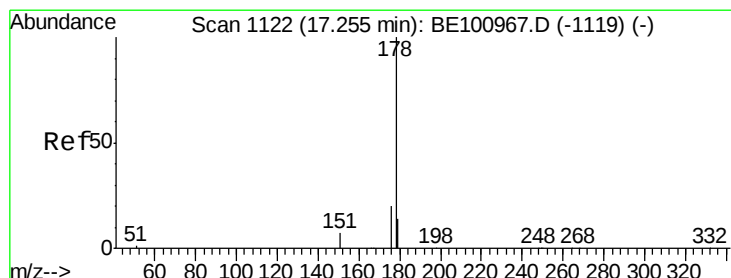
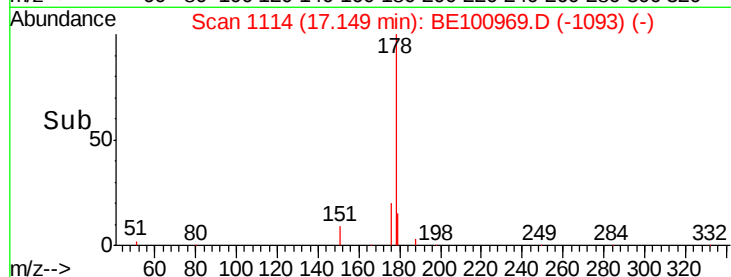
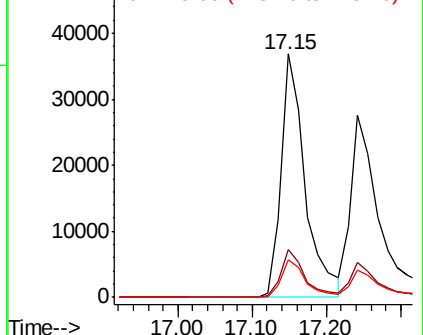
179 15.4 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 1.845 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

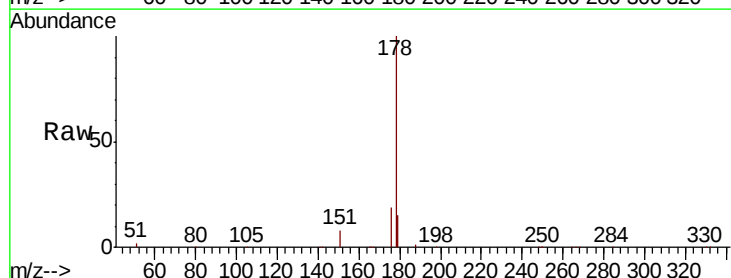
Tgt Ion:178 Resp: 58729

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

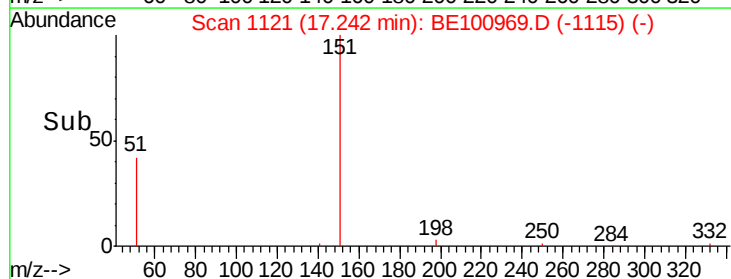
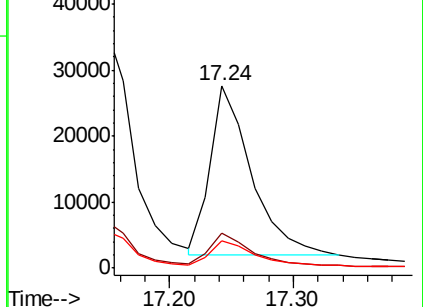
179 15.1 12.5 18.7

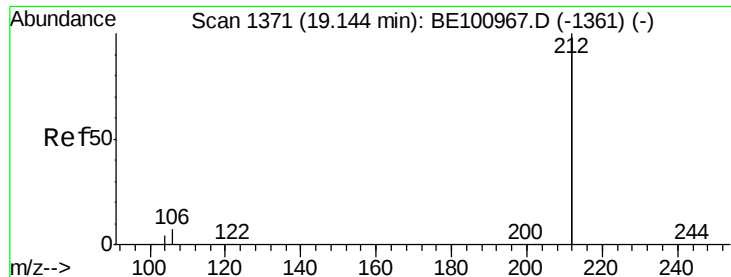


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

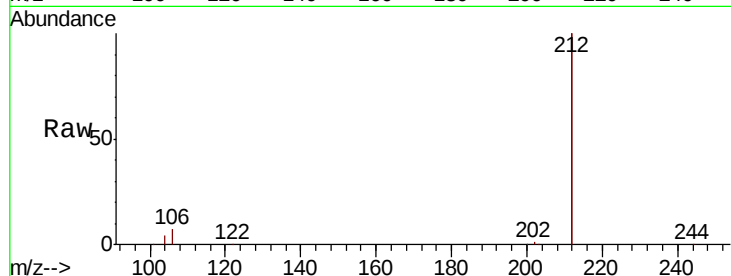




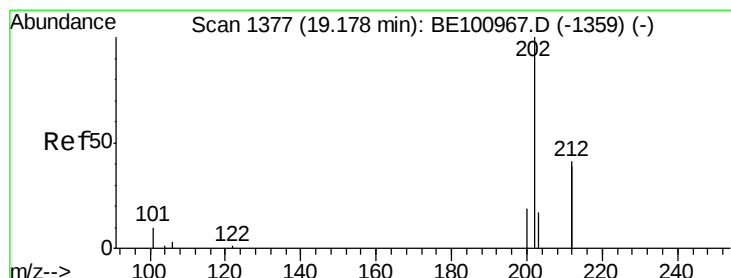
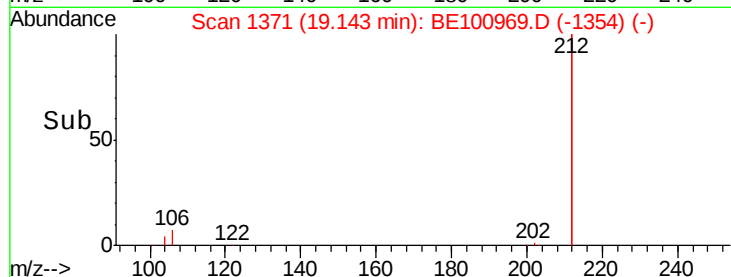
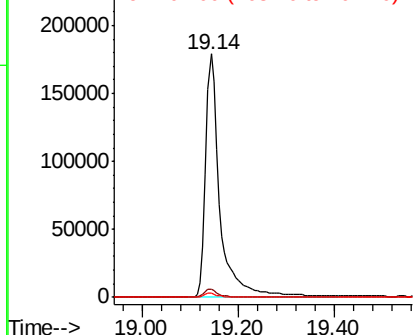
#25
Fluoranthene-d10
Concen: 1.636 ng
RT: 19.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

Instrument :
BNA_E
ClientSampleId :

Tot Ion:212 Resp: 372290
Ion Ratio Lower Upper
212 100
106 3.3 2.4 3.6
104 1.8 1.4 2.0

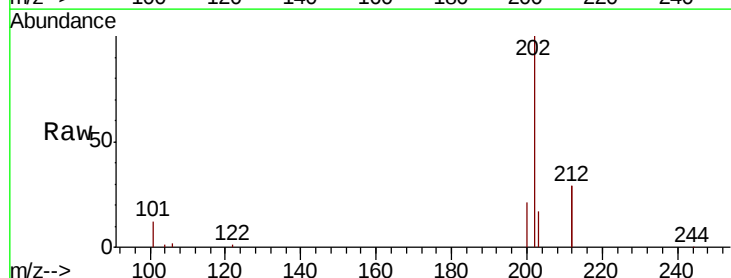


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

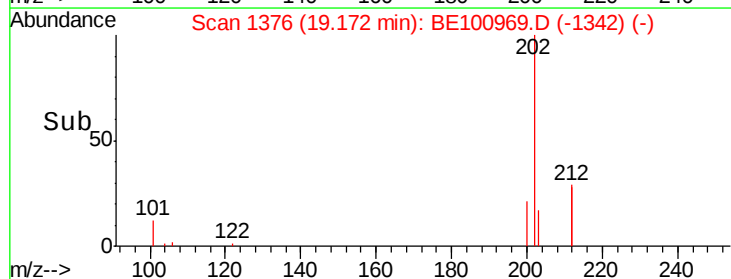
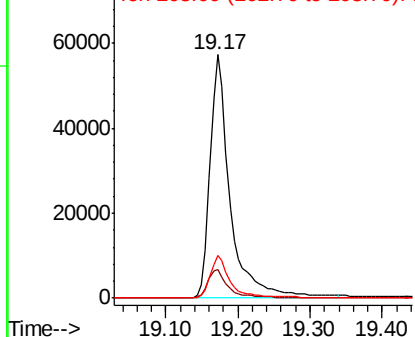


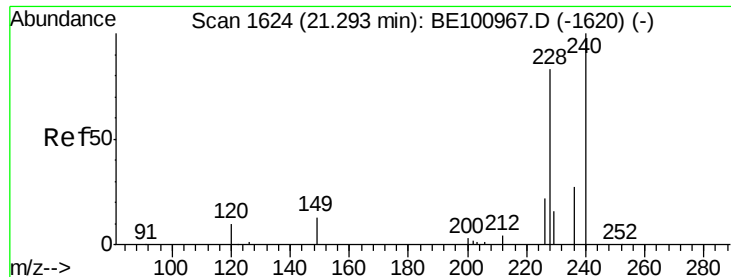
#26
Fluoranthene
Concen: 1.678 ng
RT: 19.17 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

Tgt Ion:202 Resp: 110339
Ion Ratio Lower Upper
202 100
101 12.1 9.0 13.4
203 16.9 13.2 19.8



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

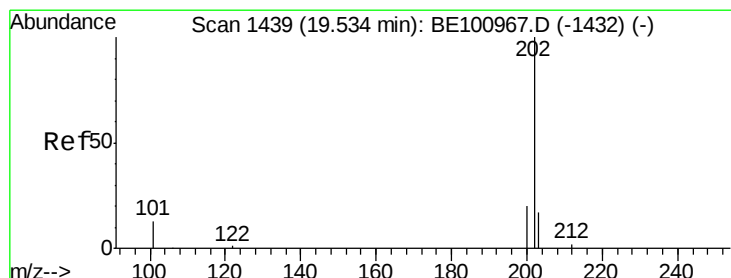
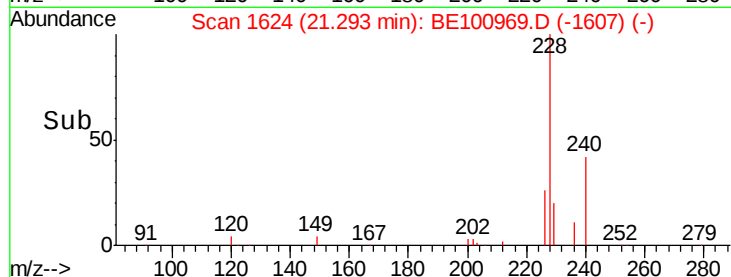
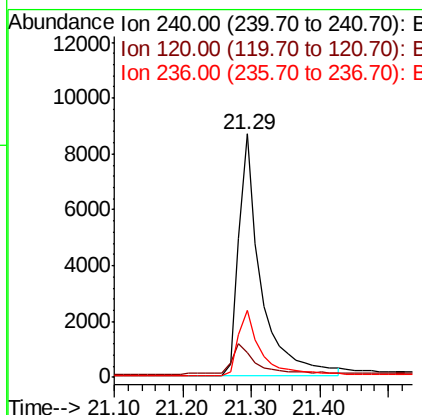
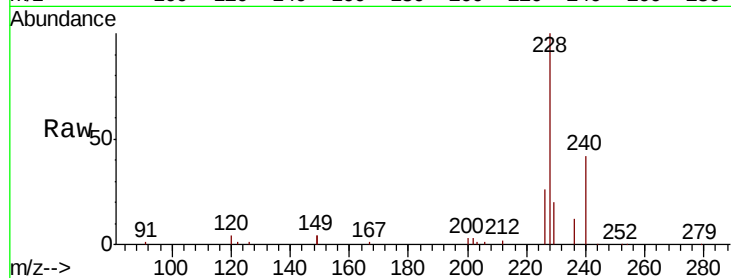




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BE100969.D
 Acq: 24 Dec 2019 11:40

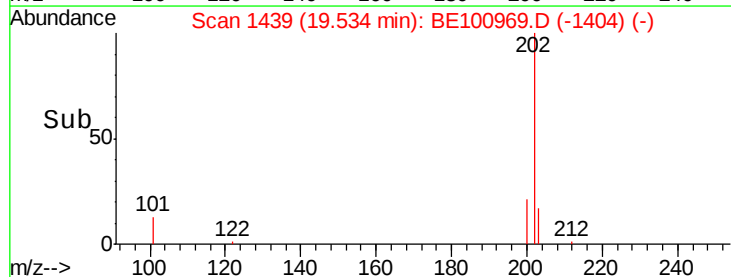
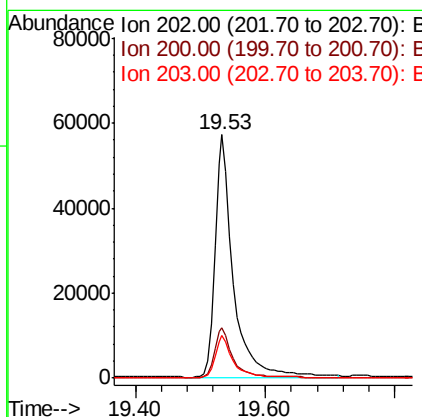
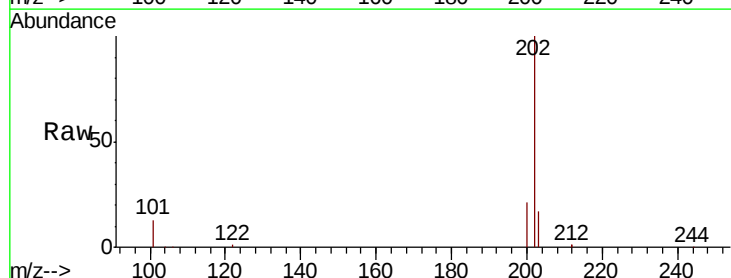
Instrument :
 BNA_E
 ClientSampleId :

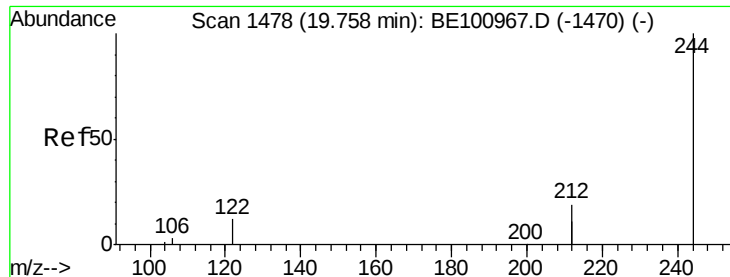
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.2	15.4#
236	27.5	22.6	34.0



#28
 Pyrene
 Concen: 1.622 ng
 RT: 19.53 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BE100969.D
 Acq: 24 Dec 2019 11:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.3	13.8	20.6





#29

Terphenyl-d14

Concen: 1.694 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

Instrument :

BNA_E

ClientSampled :

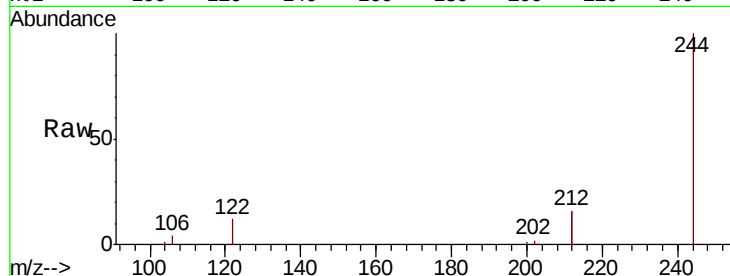
Tot Ion:244 Resp: 75511

Ion Ratio Lower Upper

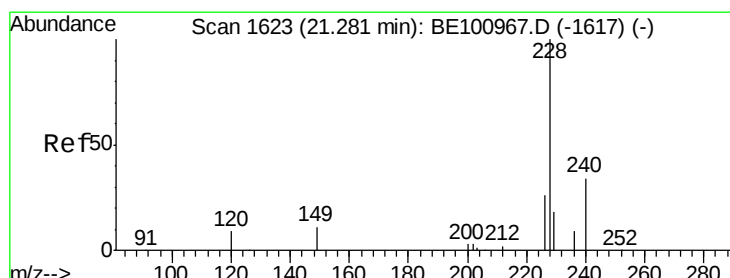
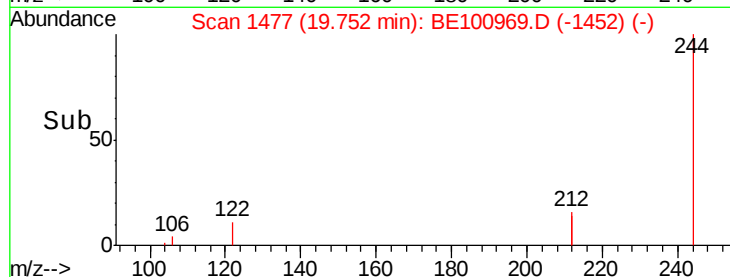
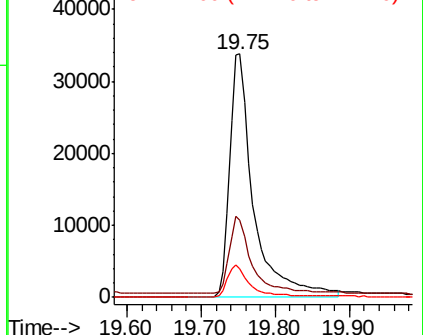
244 100

212 31.7 29.3 43.9

122 11.5 10.2 15.4



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: 1.694 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

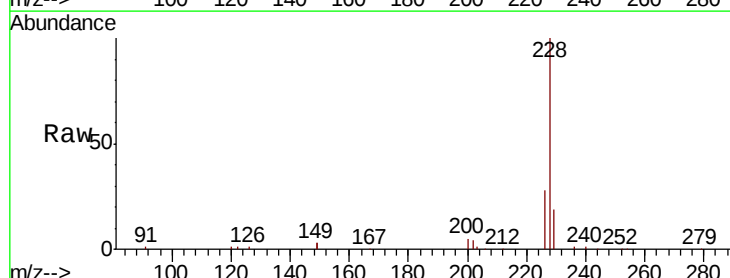
Tgt Ion:228 Resp: 86776

Ion Ratio Lower Upper

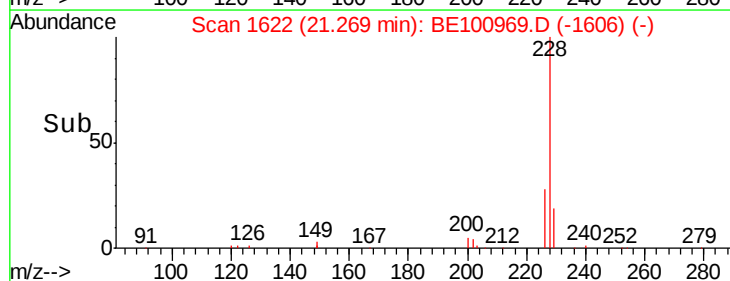
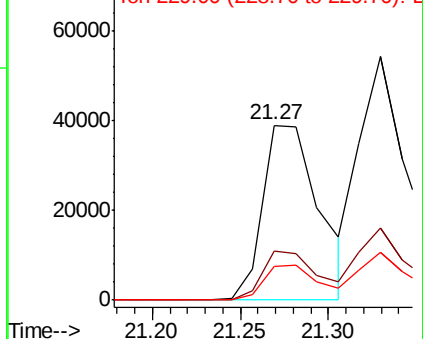
228 100

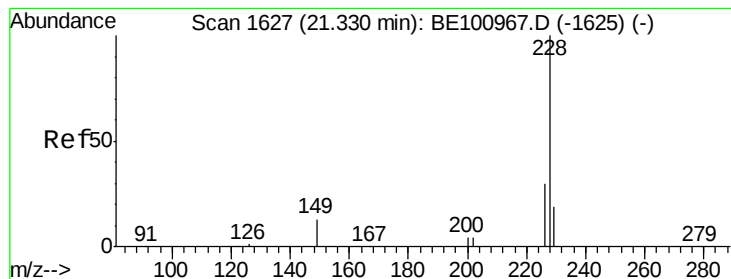
226 28.1 21.8 32.6

229 19.1 15.4 23.0



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: 1.558 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

Instrument :

BNA_E

ClientSampleId :

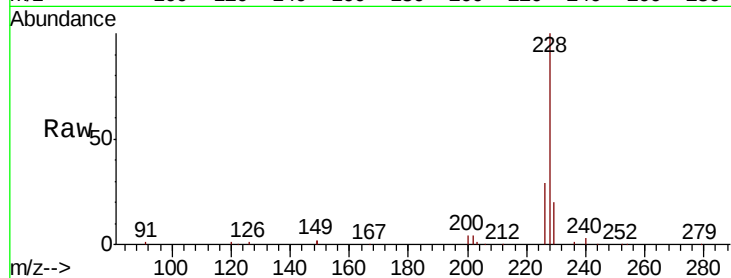
Tot Ion:228 Resp: 100591

Ion Ratio Lower Upper

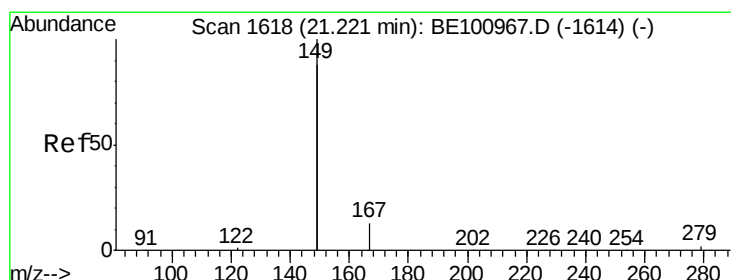
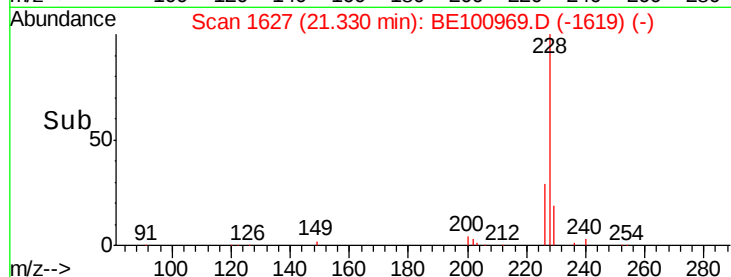
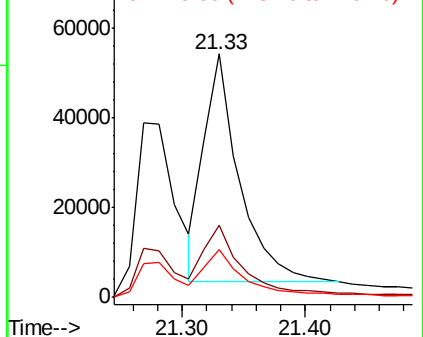
228 100

226 29.5 23.6 35.4

229 19.5 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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.929 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

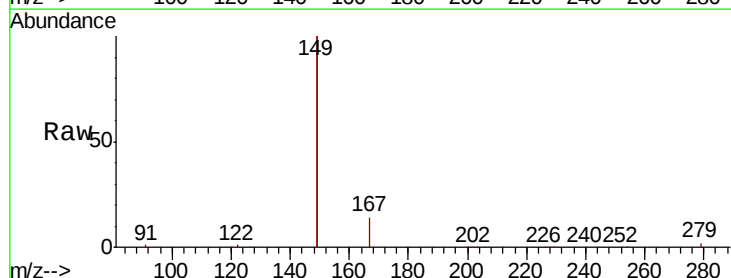
Tgt Ion:149 Resp: 149700

Ion Ratio Lower Upper

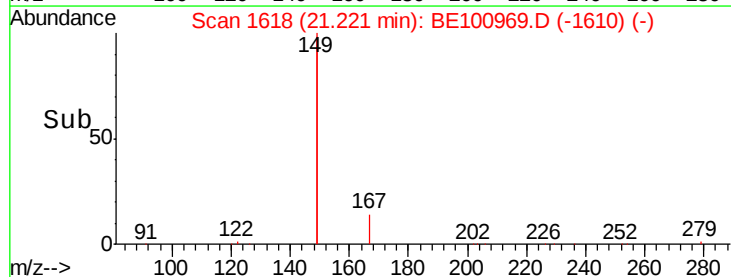
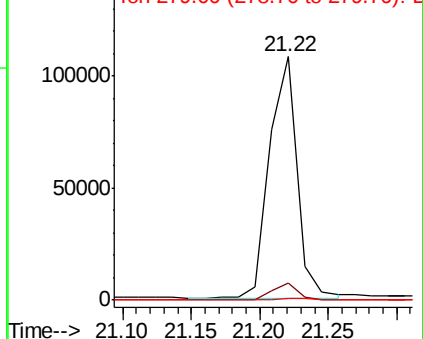
149 100

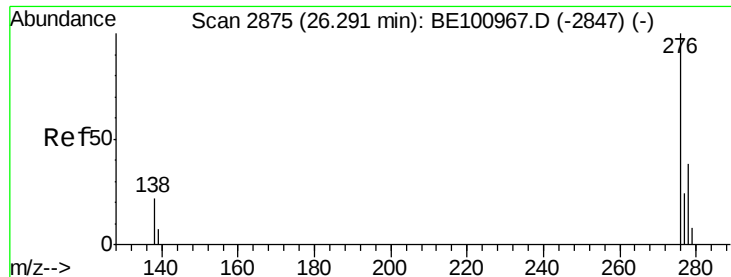
167 6.6 5.1 7.7

279 0.8 0.6 1.0



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

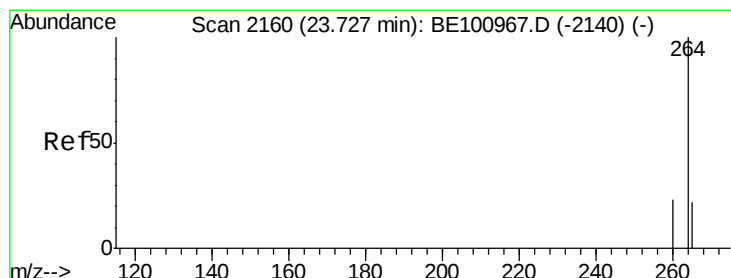
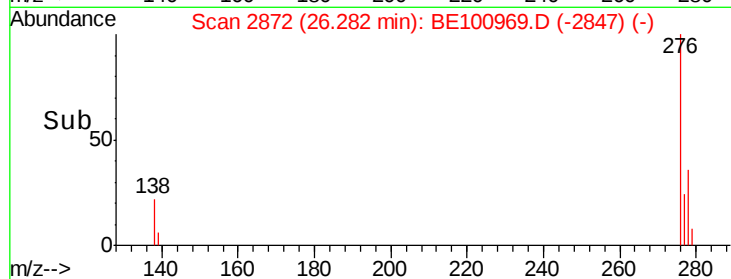
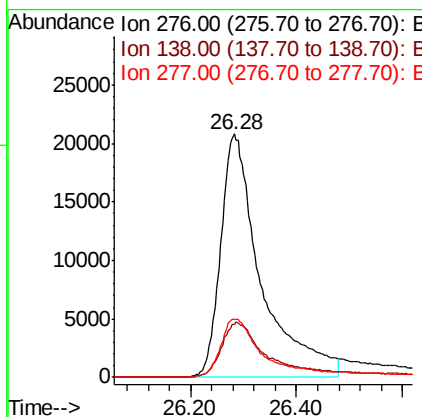
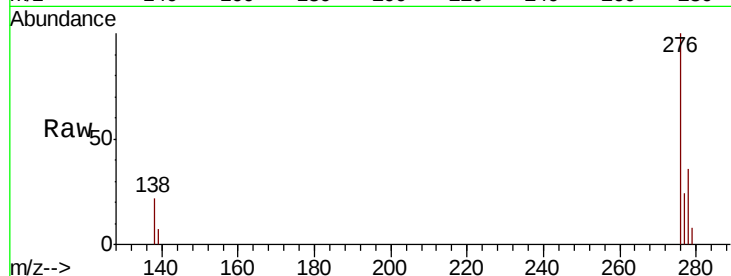




#33
Indeno(1,2,3-cd)pyrene
Concen: 1.614 ng
RT: 26.28 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

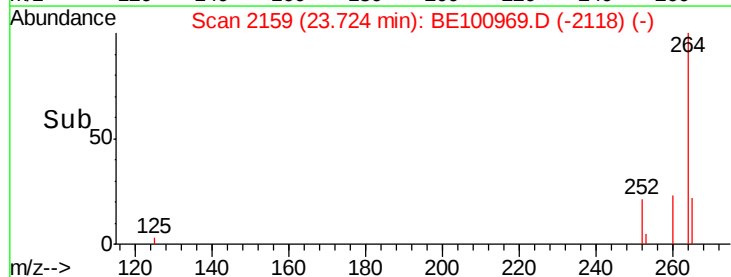
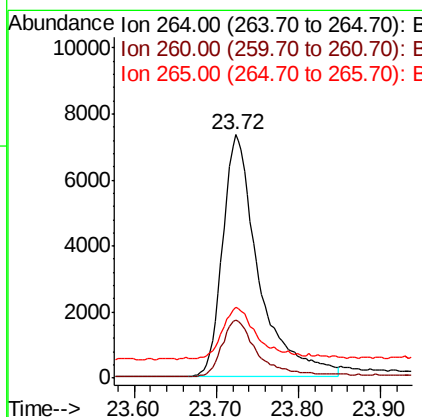
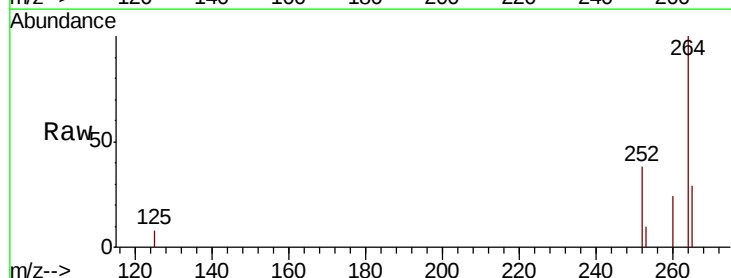
Instrument :
BNA_E
ClientSampleId :

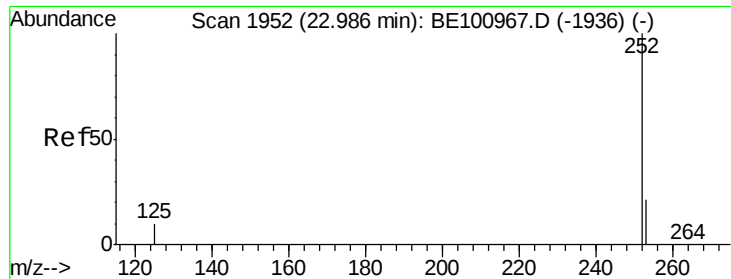
Tot Ion:276 Resp: 109037
Ion Ratio Lower Upper
276 100
138 24.5 14.8 22.2#
277 24.7 18.0 27.0



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

Tgt Ion:264 Resp: 22158
Ion Ratio Lower Upper
264 100
260 23.7 19.1 28.7
265 29.2 26.6 40.0

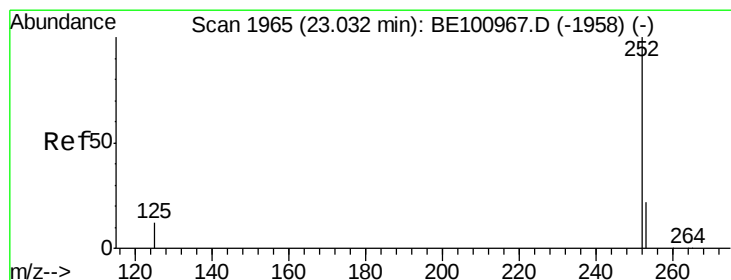
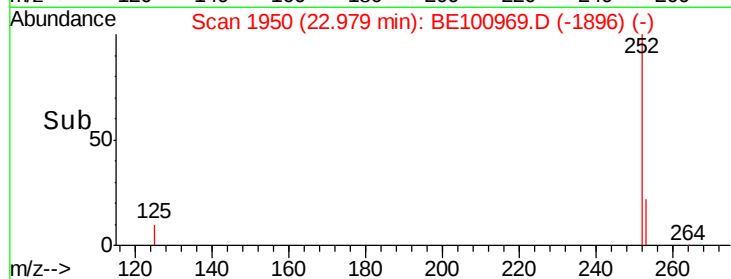
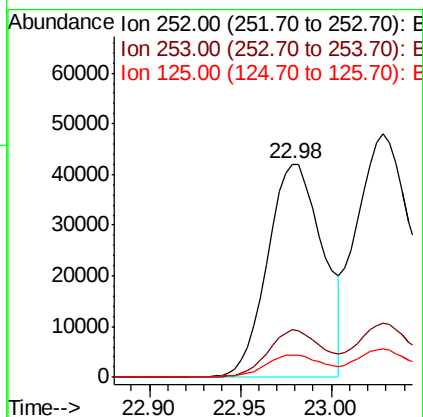
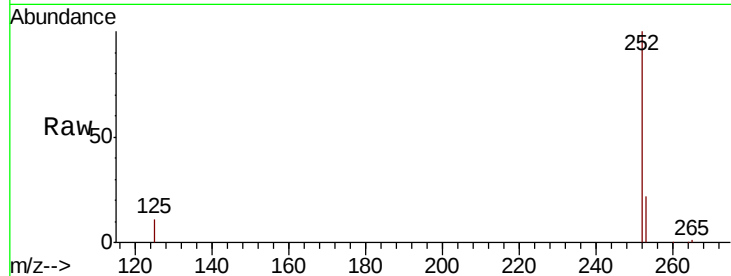




#35
Benzo(b)fluoranthene
Concen: 1.793 ng
RT: 22.98 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

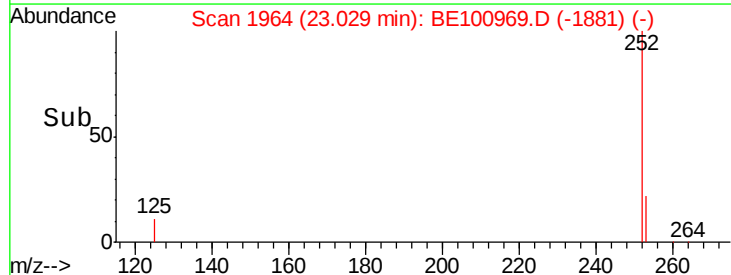
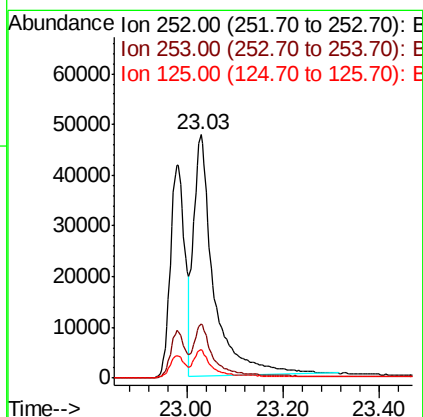
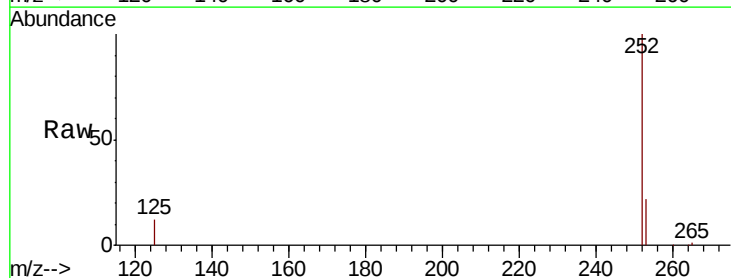
Instrument :
BNA_E
ClientSampleId :

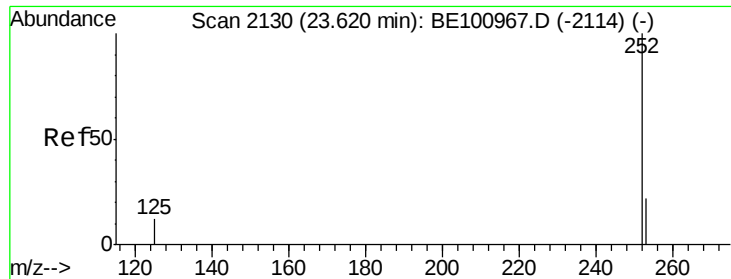
Tot Ion:252 Resp: 88126
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 10.6 9.7 14.5



#36
Benzo(k)fluoranthene
Concen: 2.132 ng
RT: 23.03 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BE100969.D
Acq: 24 Dec 2019 11:40

Tgt Ion:252 Resp: 139815
Ion Ratio Lower Upper
252 100
253 22.1 18.9 28.3
125 11.6 11.2 16.8





#37

Benzo(a)pyrene

Concen: 1.641 ng

RT: 23.62 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

Instrument :

BNA_E

ClientSampleId :

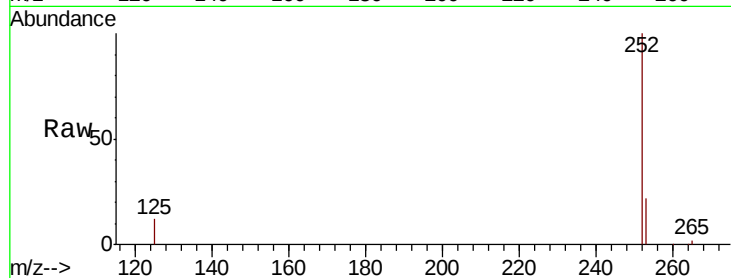
Tot Ion:252 Resp: 91847

Ion Ratio Lower Upper

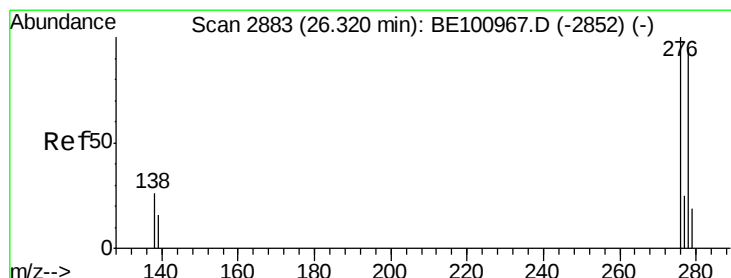
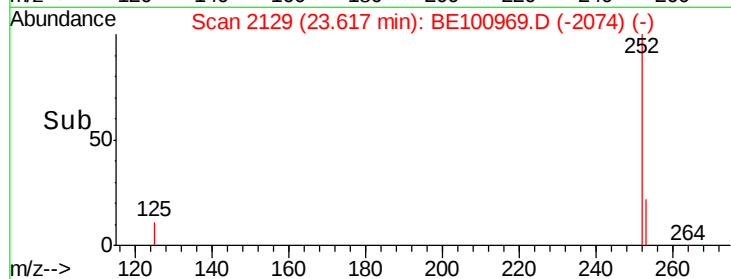
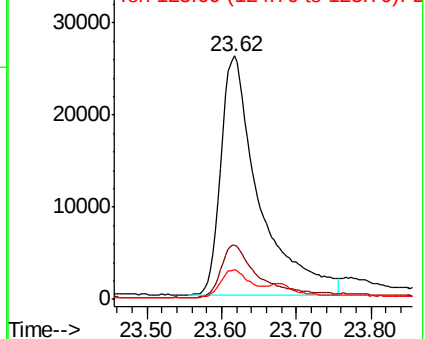
252 100

253 22.1 20.1 30.1

125 12.0 12.6 18.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 1.749 ng

RT: 26.31 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

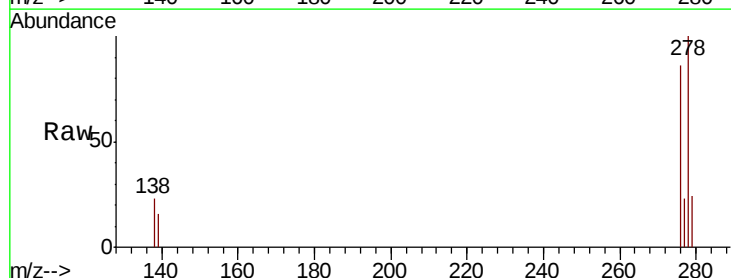
Tgt Ion:278 Resp: 82456

Ion Ratio Lower Upper

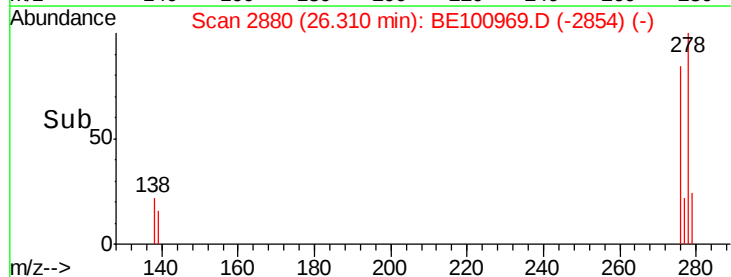
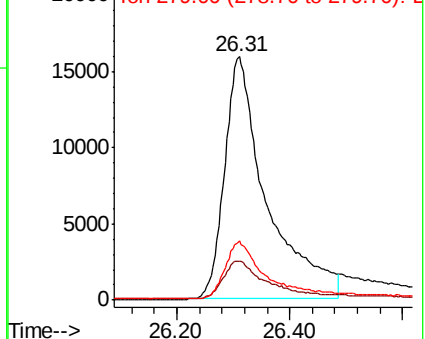
278 100

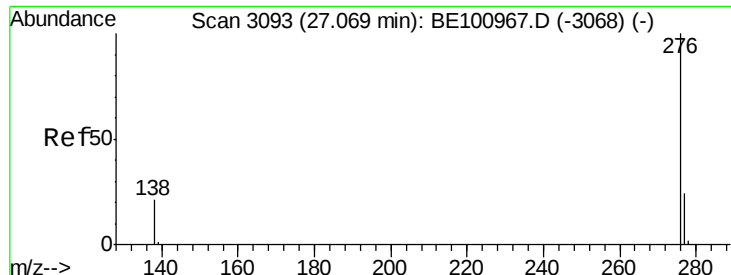
139 16.1 16.4 24.6#

279 24.4 19.3 28.9



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(a,h,i)perylene

Concen: 1.710 ng

RT: 27.06 min Scan# 3091

Delta R.T. -0.01 min

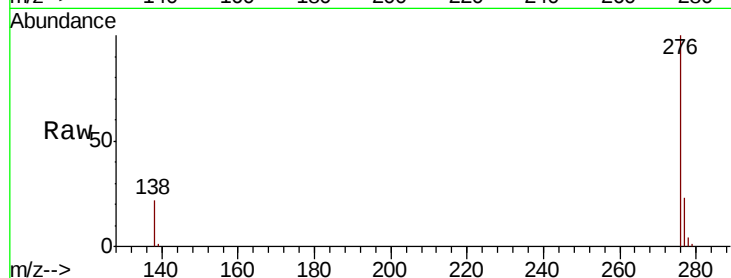
Lab File: BE100969.D

Acq: 24 Dec 2019 11:40

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 99611

Ion Ratio Lower Upper

276 100

277 23.5 20.0 30.0

138 21.8 18.6 27.8

