

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
 Data File : BE100970.D
 Acq On : 24 Dec 2019 12:16
 Operator : JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 24 13:03:12 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	2731	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	13606	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	8341	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	18280	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	21244	0.40	ng	0.00
34) Perylene-d12	23.72	264	23801	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	15711	3.22	ng	0.00
5) Phenol-d6	6.92	99	17218	2.90	ng	-0.07
8) Nitrobenzene-d5	8.89	82	29063	4.04	ng	-0.03
11) 2-Methylnaphthalene-d10	12.12	152	65811	3.21	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	8624	4.21	ng	-0.01
15) 2-Fluorobiphenyl	13.00	172	98249	3.33	ng	-0.01
25) Fluoranthene-d10	19.14	212	781024	3.41	ng	0.00
29) Terphenyl-d14	19.75	244	163701	3.38	ng	-0.01

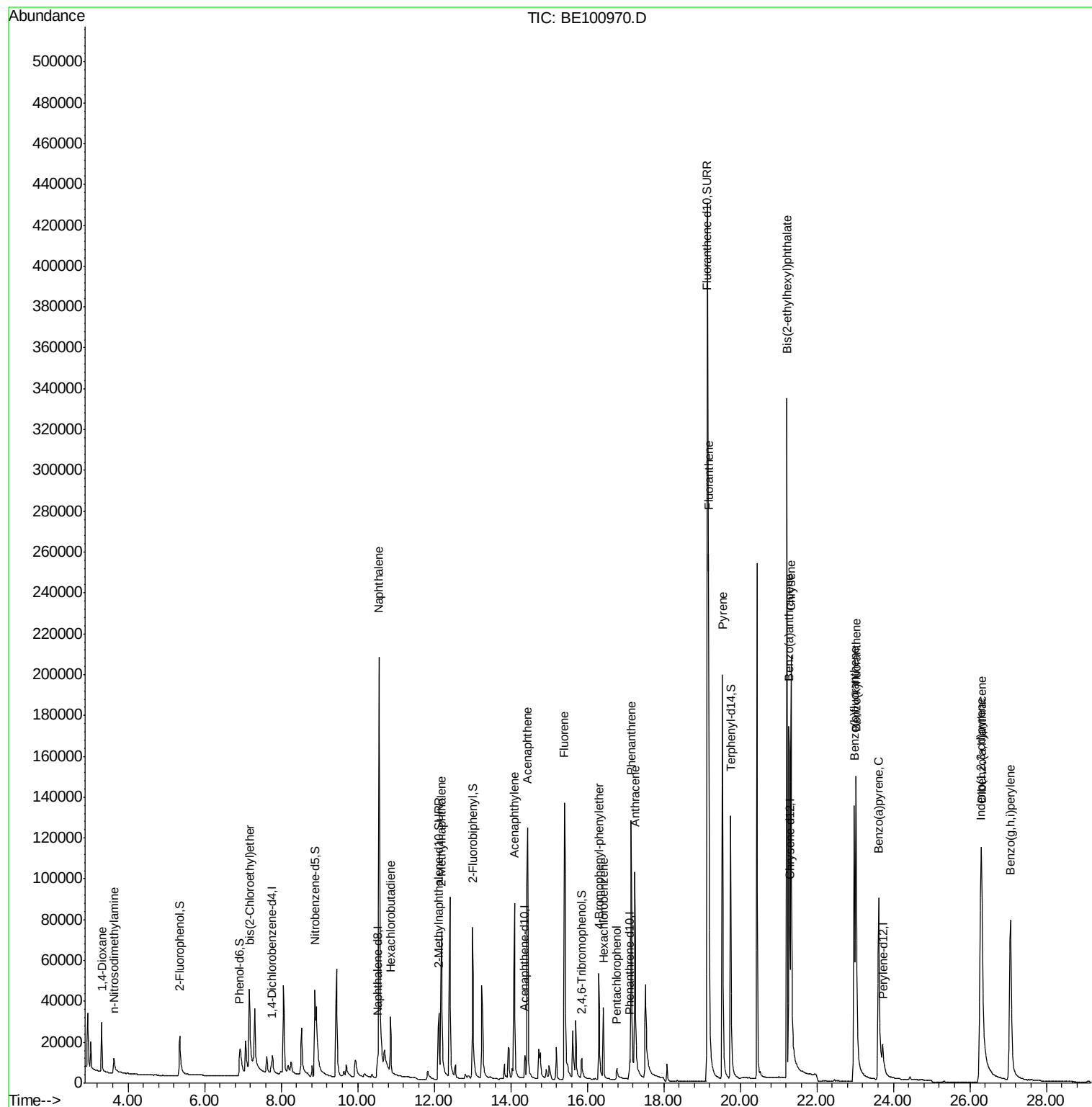
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	17816	1.712	ng	# 82
3) n-Nitrosodimethylamine	3.63	42	10109	3.382	ng	# 82
6) bis(2-Chloroethyl)ether	7.17	93	30575	4.380	ng	86
9) Naphthalene	10.56	128	468682	3.189	ng	99
10) Hexachlorobutadiene	10.86	225	18899	3.009	ng	99
12) 2-Methylnaphthalene	12.19	142	70786	3.423	ng	98
16) Acenaphthylene	14.10	152	119155	3.467	ng	100
17) Acenaphthene	14.44	154	77598	3.320	ng	99
18) Fluorene	15.41	166	101845	3.443	ng	99
20) 4-Bromophenyl-phenylether	16.30	248	29202	3.592	ng	# 90
21) Hexachlorobenzene	16.42	284	31441	3.392	ng	99
22) Pentachlorophenol	16.77	266	4857	3.544	ng	# 80
23) Phenanthrene	17.15	178	172267	3.615	ng	99
24) Anthracene	17.24	178	136422	4.261	ng	99
26) Fluoranthene	19.17	202	232798	3.520	ng	98
28) Pyrene	19.53	202	238395	3.139	ng	99
30) Benzo(a)anthracene	21.27	228	209719	3.766	ng	99
31) Chrysene	21.33	228	225406	3.212	ng	99
32) Bis(2-ethylhexyl)phthalate	21.22	149	397064	2.266	ng	100
33) Indeno(1,2,3-cd)pyrene	26.28	276	244200	3.326	ng	# 91
35) Benzo(b)fluoranthene	22.98	252	203321	3.852	ng	97
36) Benzo(k)fluoranthene	23.02	252	289205	4.106	ng	95
37) Benzo(a)pyrene	23.61	252	204766	3.406	ng	# 92
38) Dibenzo(a,h)anthracene	26.31	278	192778	3.807	ng	96
39) Benzo(g,h,i)perylene	27.06	276	217868	3.481	ng	97

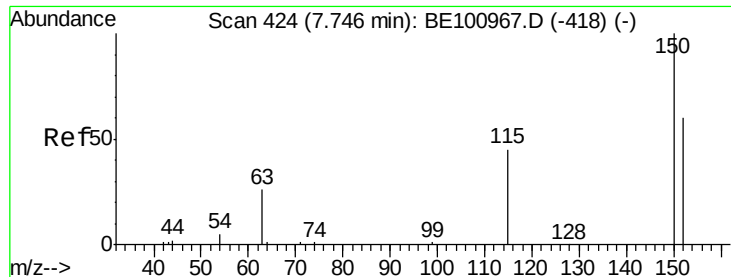
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
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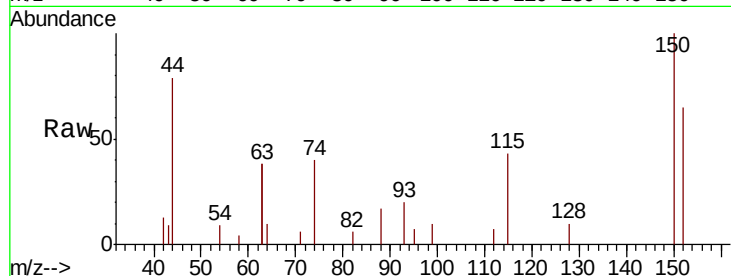


#1

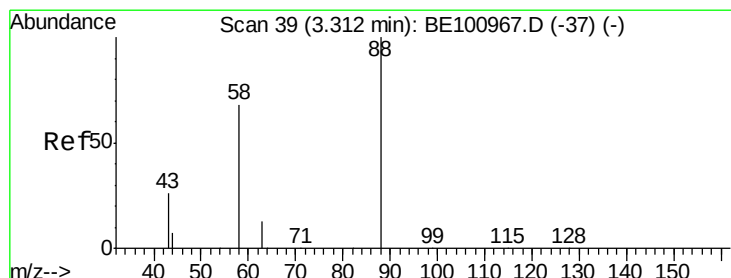
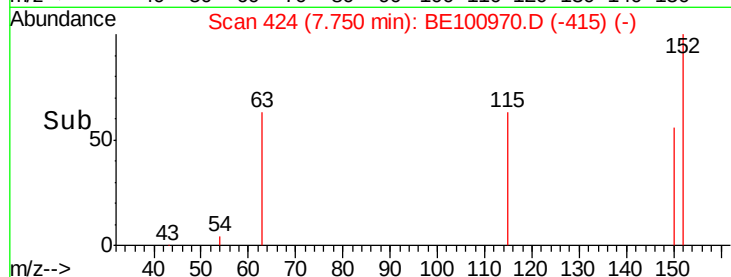
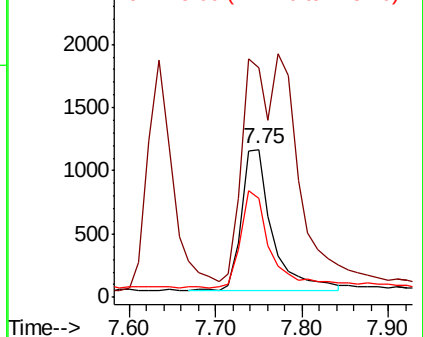
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2731
Ion Ratio Lower Upper
152 100
150 155.0 132.6 199.0
115 66.6 64.1 96.1



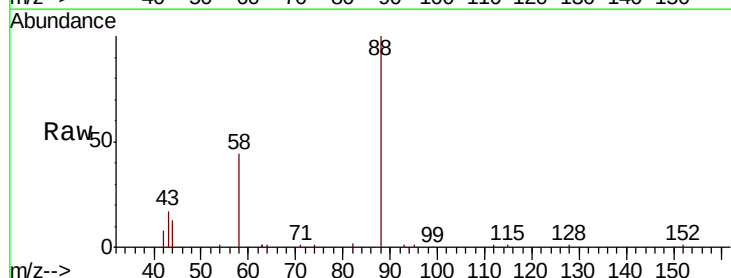
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



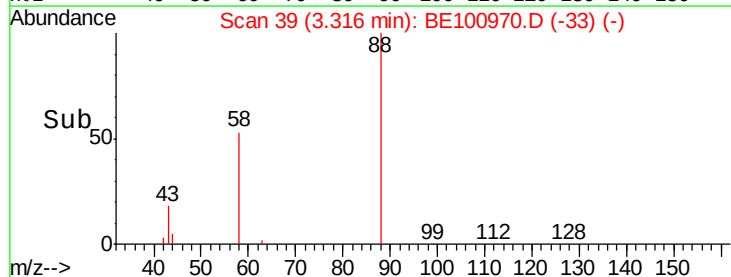
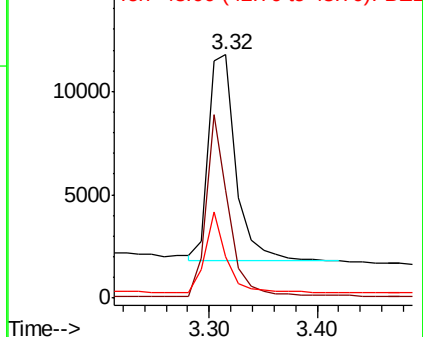
#2

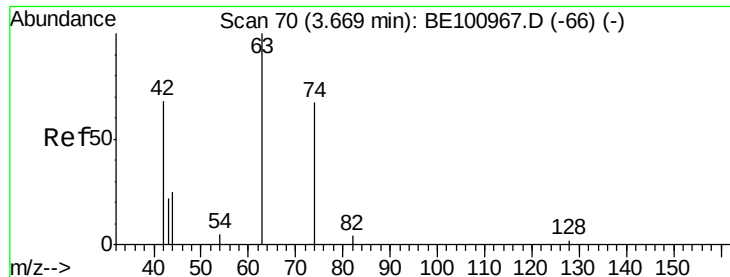
1,4-Dioxane
Concen: 1.712 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion: 88 Resp: 17816
Ion Ratio Lower Upper
88 100
58 72.2 44.2 66.4#
43 30.4 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: 3.382 ng

RT: 3.63 min Scan# 66

Delta R.T. -0.04 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

Instrument :

BNA_E

ClientSampleId :

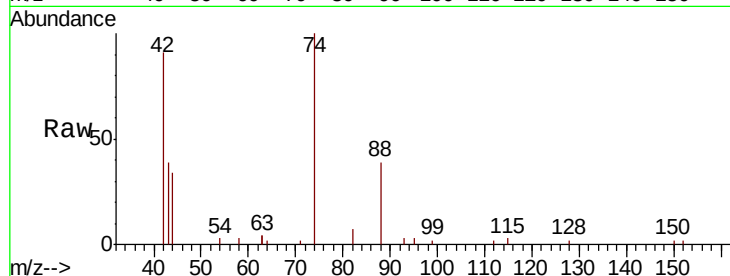
Tot Ion: 42 Resp: 10109

Ion Ratio Lower Upper

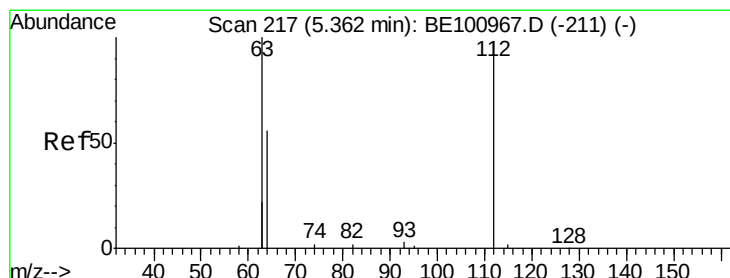
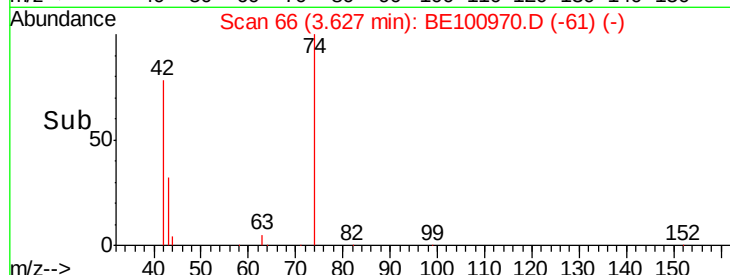
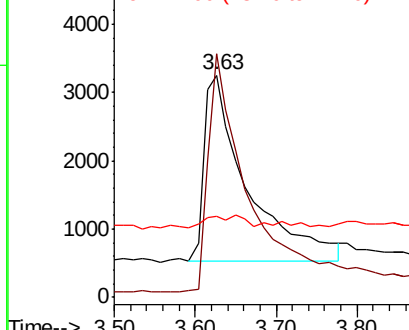
42 100

74 122.8 116.6 174.8

44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1
Ion 74.00 (73.70 to 74.70): BE1
Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 3.225 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

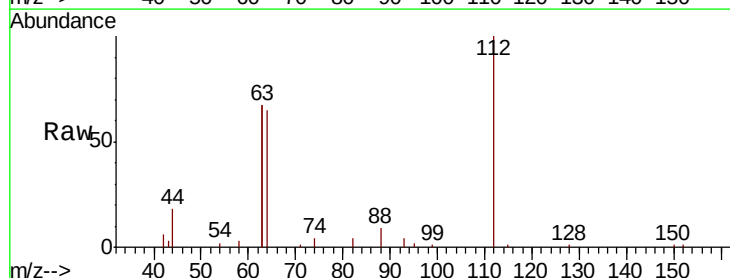
Tgt Ion: 112 Resp: 15711

Ion Ratio Lower Upper

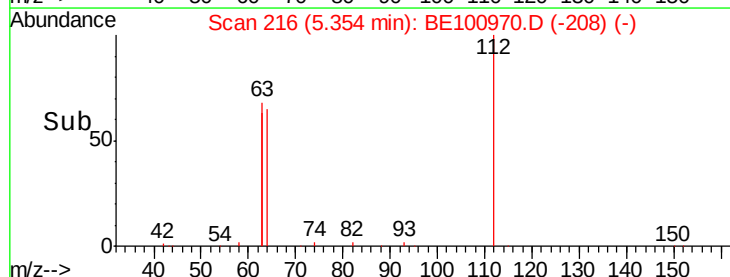
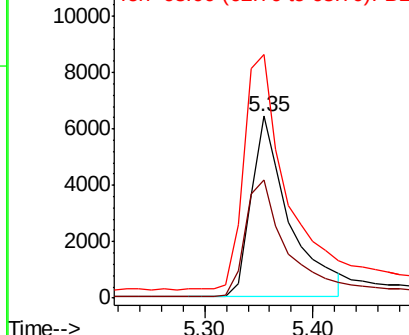
112 100

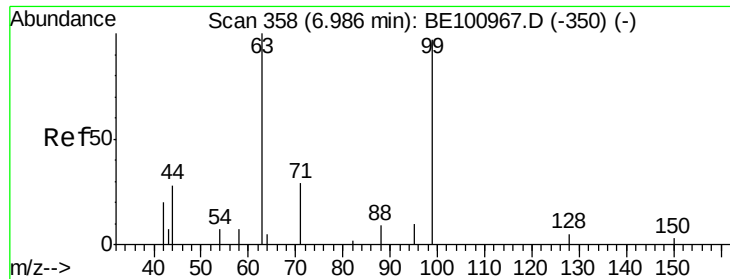
64 69.4 59.0 88.6

63 144.8 121.4 182.0



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: 2.896 ng

RT: 6.92 min Scan# 352

Delta R.T. -0.07 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

Instrument :

BNA_E

ClientSampleId :

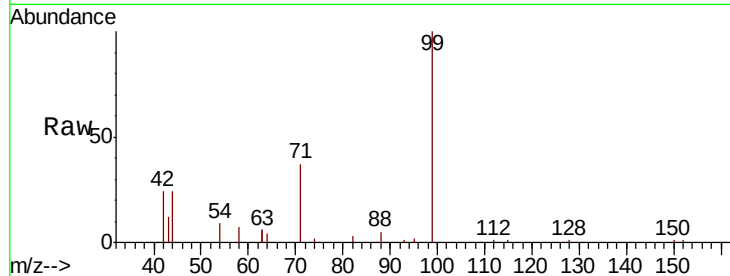
Tot Ion: 99 Resp: 17218

Ion Ratio Lower Upper

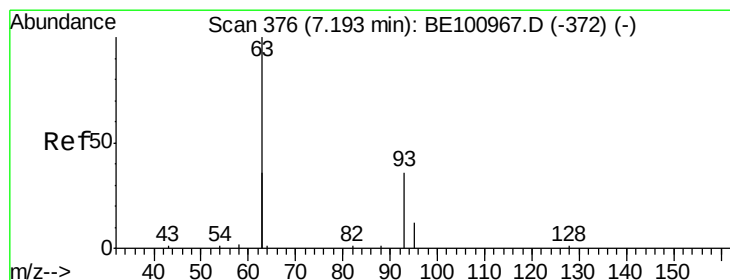
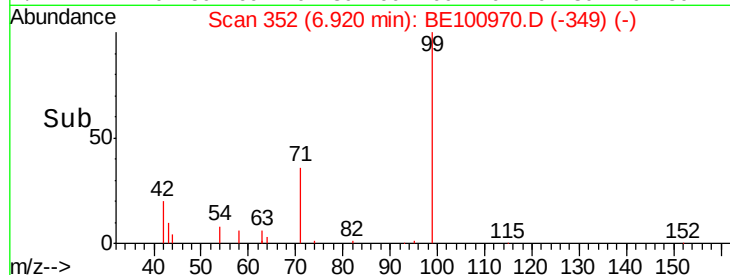
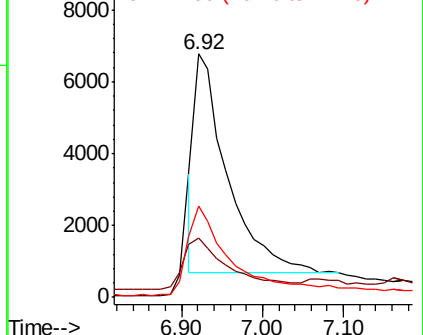
99 100

42 17.2 0.0 0.0#

71 34.6 0.0 0.0#



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: 4.380 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.02 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

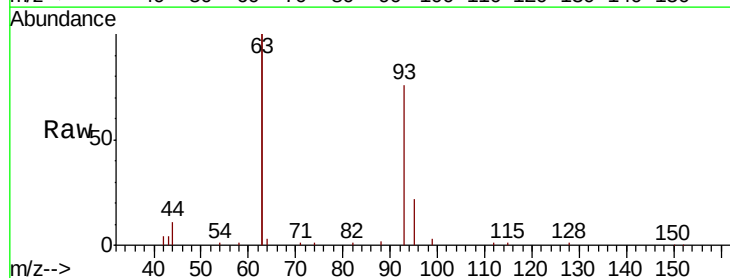
Tgt Ion: 93 Resp: 30575

Ion Ratio Lower Upper

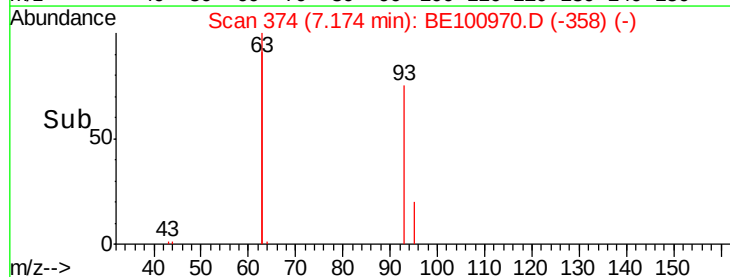
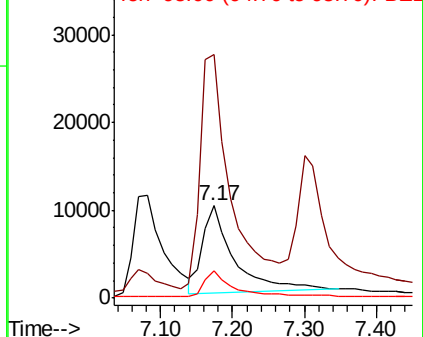
93 100

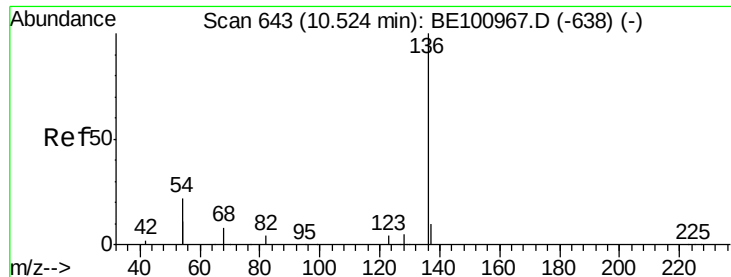
63 257.5 228.3 342.5

95 28.5 25.9 38.9



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. -0.00 min

Lab File: BE100970.D

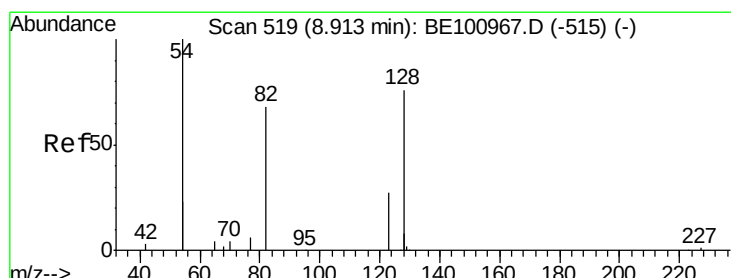
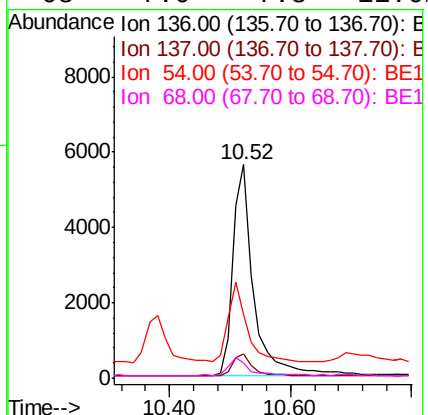
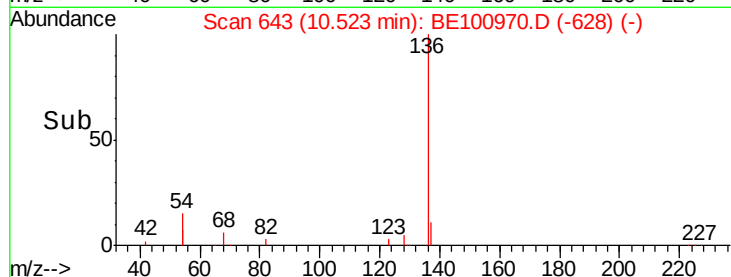
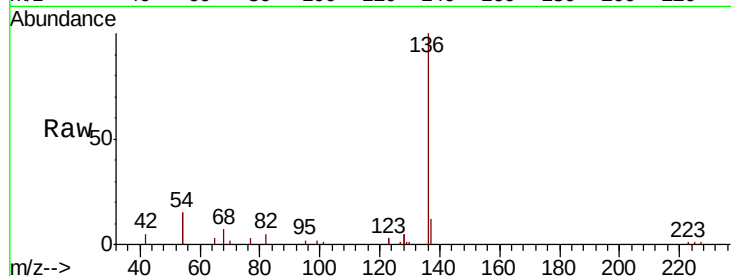
Acq: 24 Dec 2019 12:16

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	13606
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.0 13.6
54	30.2	34.4 51.6#
68	7.0	7.8 11.6#



#8

Nitrobenzene-d5

Concen: 4.041 ng

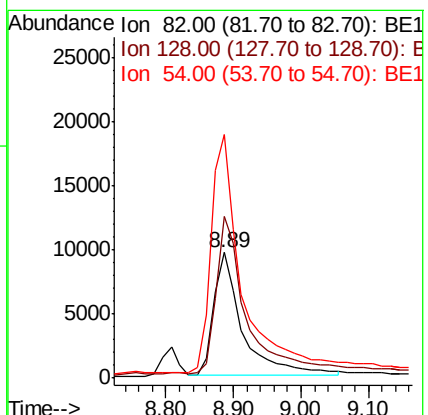
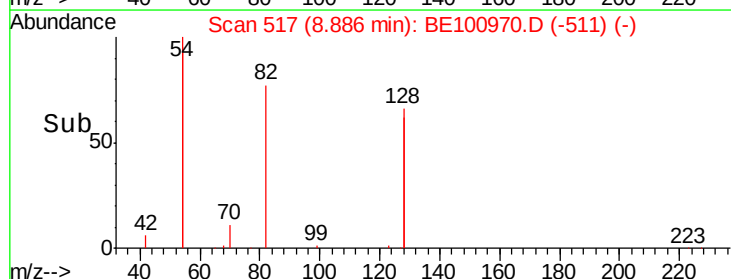
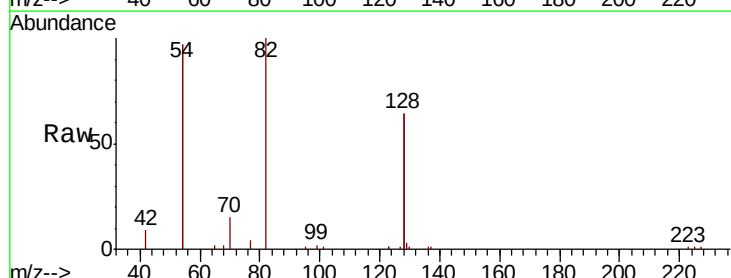
RT: 8.89 min Scan# 517

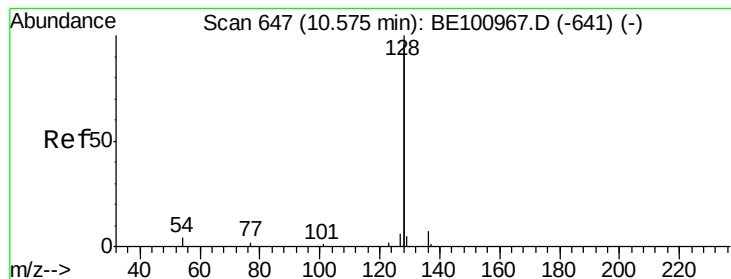
Delta R.T. -0.03 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

Tgt Ion: 82	Resp:	29063
Ion Ratio	Lower	Upper
82	100	
128	128.6	140.2 210.2#
54	194.4	183.8 275.6





#9

Naphthalene

Concen: 3.189 ng

RT: 10.56 min Scan# 646

Delta R.T. -0.01 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

Instrument :

BNA_E

ClientSampleId :

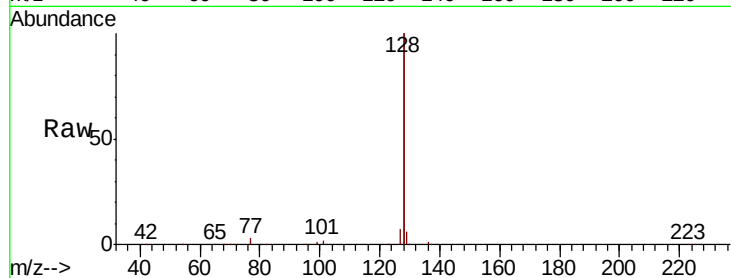
Tot Ion:128 Resp: 468682

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

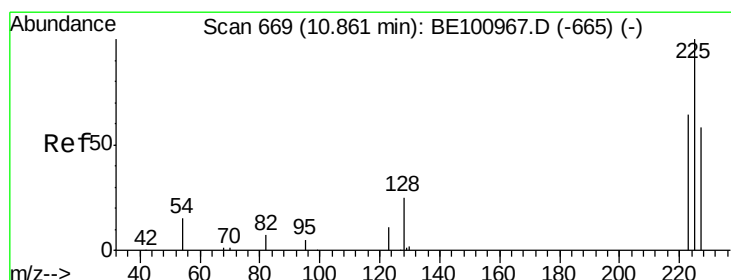
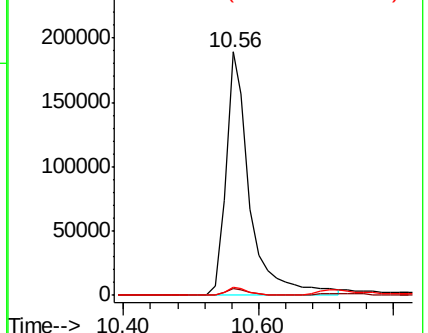
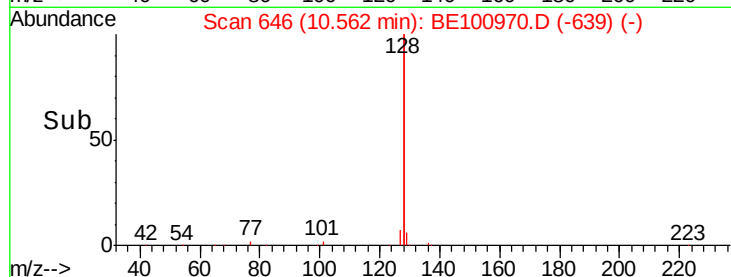
127 3.3 2.8 4.2



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: 3.009 ng

RT: 10.86 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

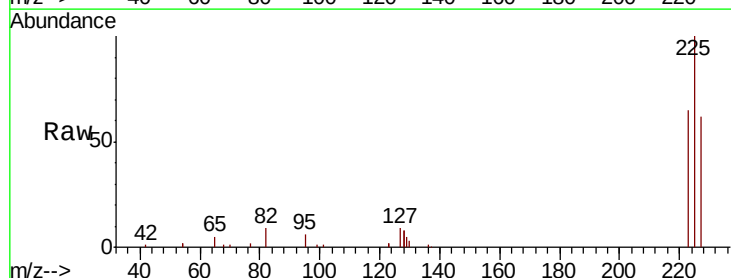
Tgt Ion:225 Resp: 18899

Ion Ratio Lower Upper

225 100

223 63.1 51.4 77.0

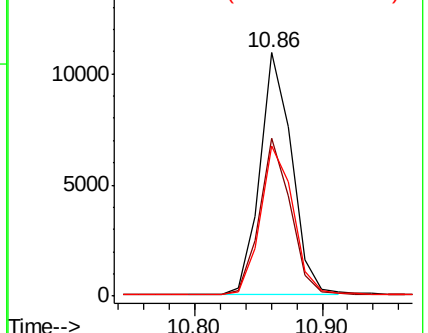
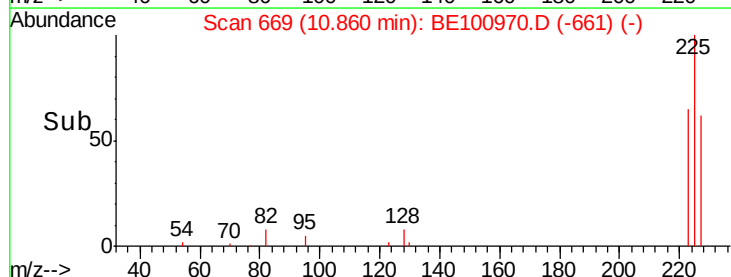
227 63.7 50.2 75.2

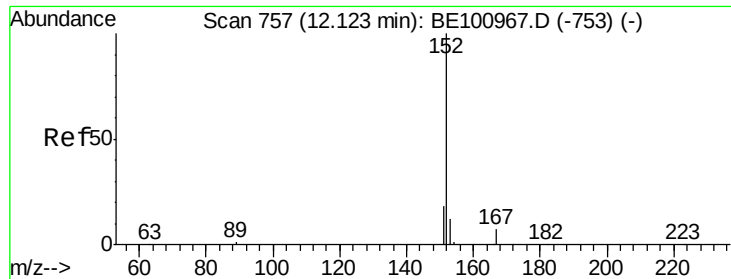


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

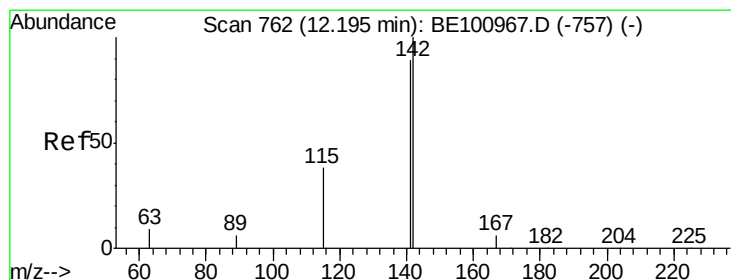
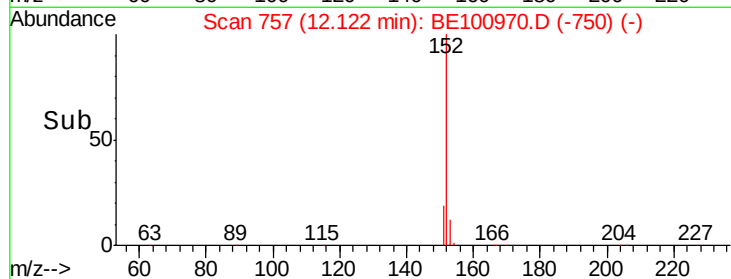
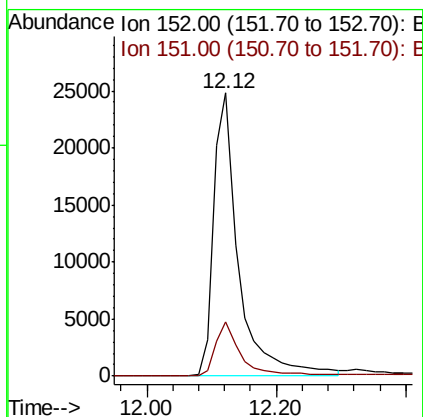
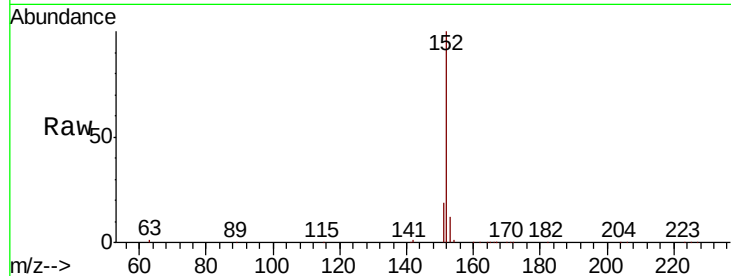




#11
 2-Methylnaphthalene-d10
 Concen: 3.213 ng
 RT: 12.12 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BE100970.D
 Acq: 24 Dec 2019 12:16

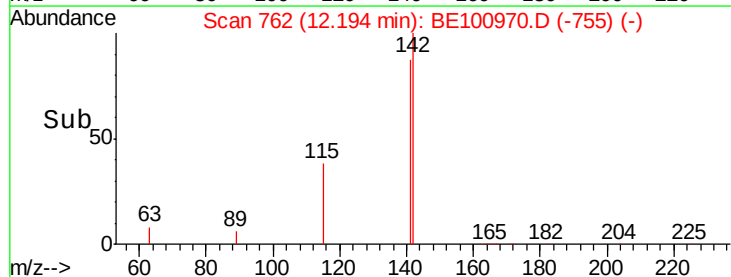
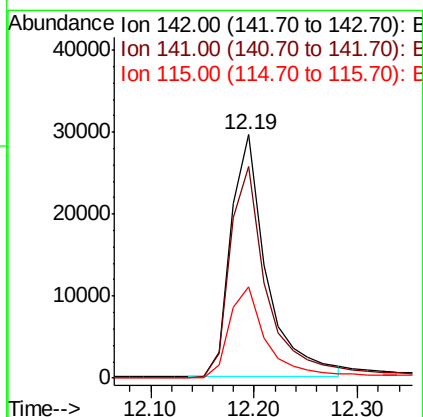
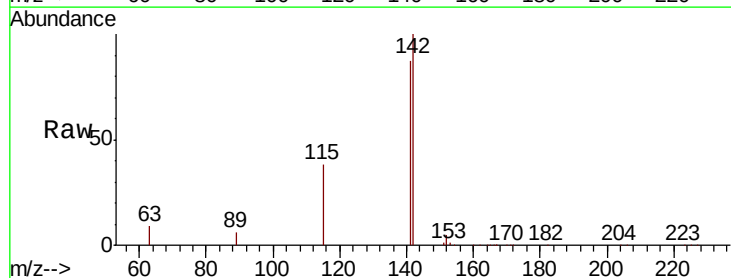
Instrument :
 BNA_E
 ClientSampled :

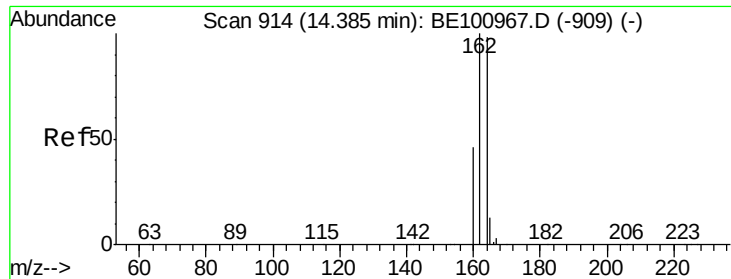
Tot Ion:152 Resp: 65811
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 3.423 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE100970.D
 Acq: 24 Dec 2019 12:16

Tgt Ion:142 Resp: 70786
 Ion Ratio Lower Upper
 142 100
 141 86.9 70.8 106.2
 115 37.5 32.0 48.0

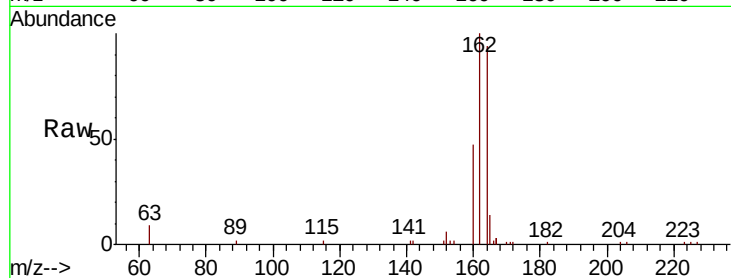




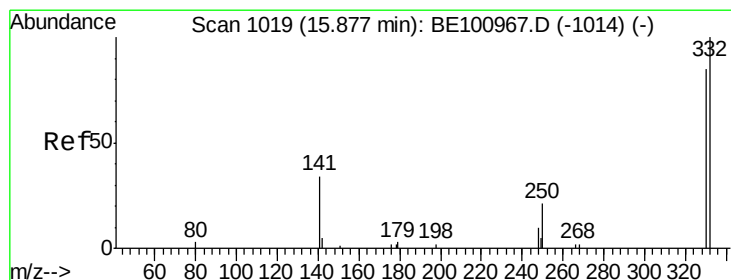
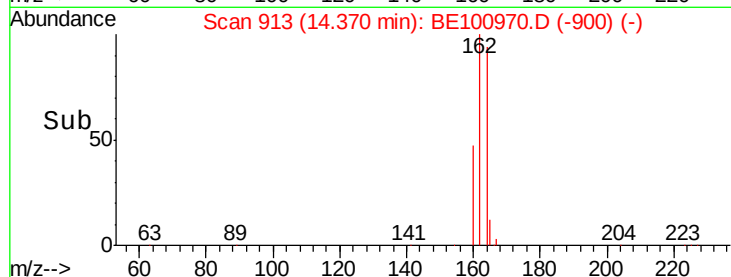
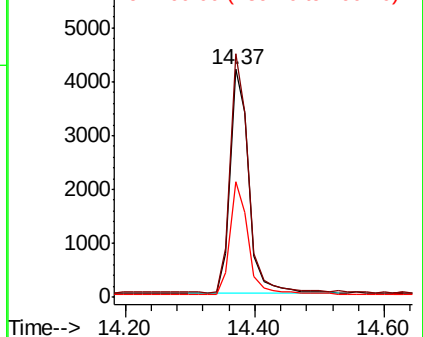
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.37 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BE100970.D
 Acq: 24 Dec 2019 12:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 8341
 Ion Ratio Lower Upper
 164 100
 162 106.7 81.6 122.4
 160 50.5 37.7 56.5

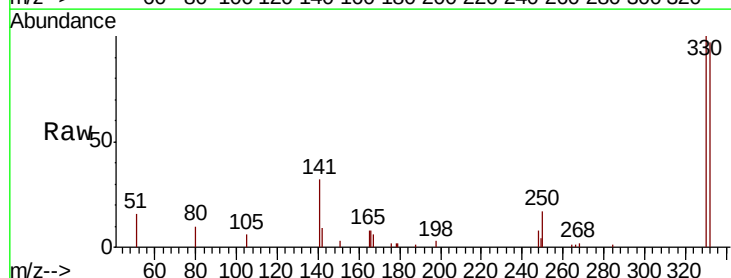


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

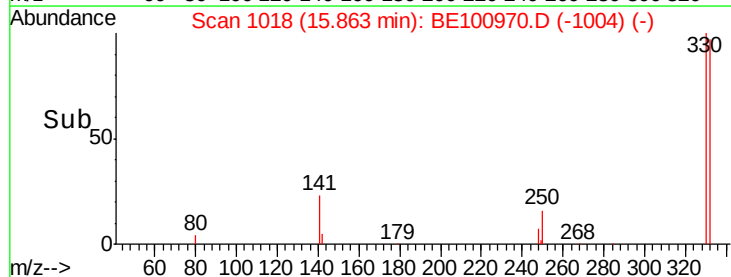
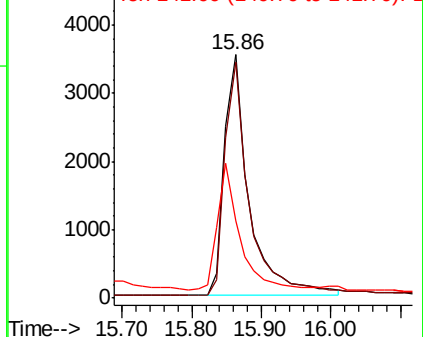


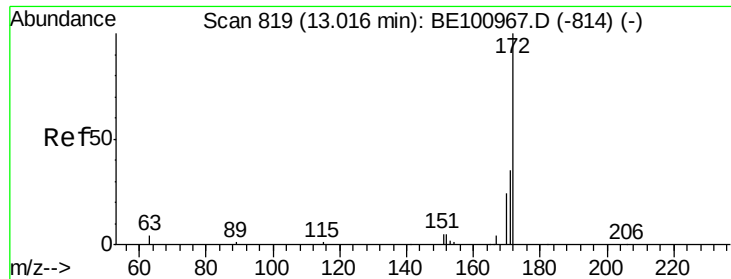
#14
 2,4,6-Tribromophenol
 Concen: 4.211 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100970.D
 Acq: 24 Dec 2019 12:16

Tgt Ion:330 Resp: 8624
 Ion Ratio Lower Upper
 330 100
 332 96.5 72.4 108.6
 141 47.5 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

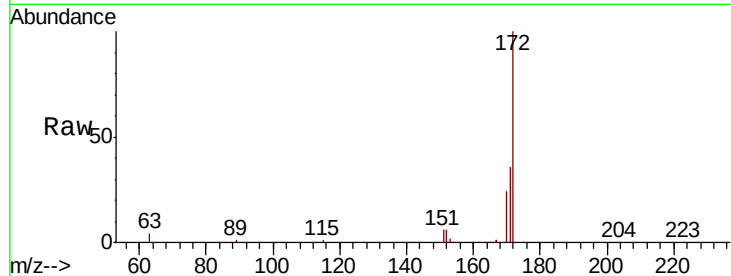




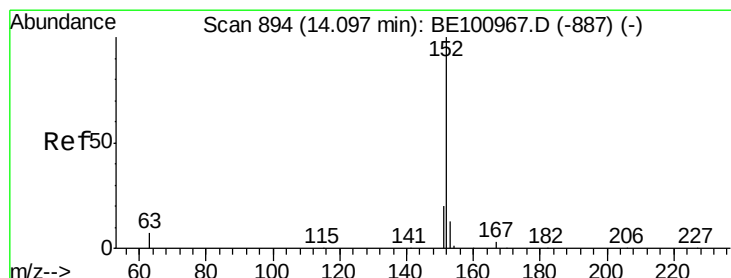
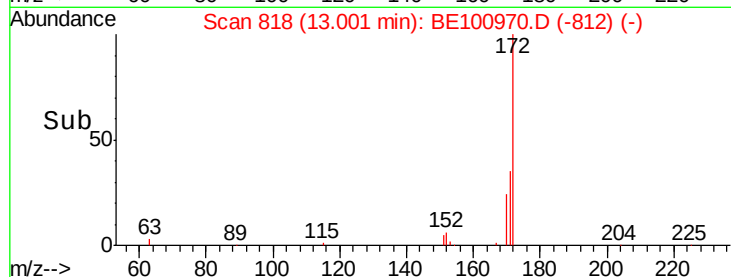
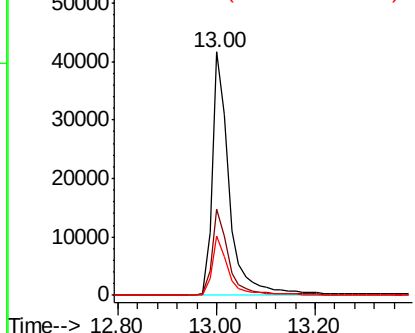
#15
2-Fluorobiphenyl
Concen: 3.330 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 98249
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 24.4 20.0 30.0

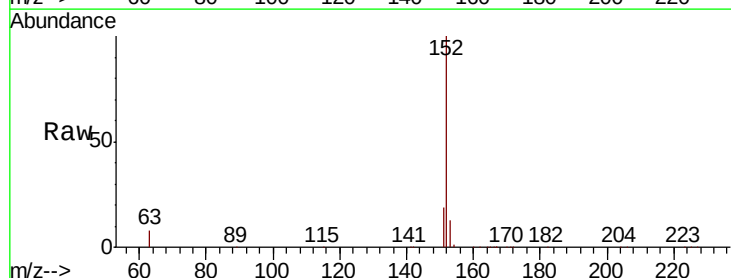


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

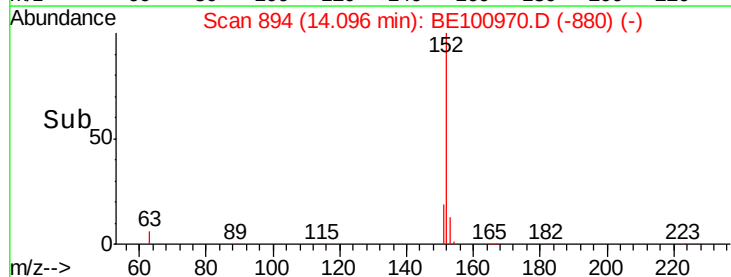
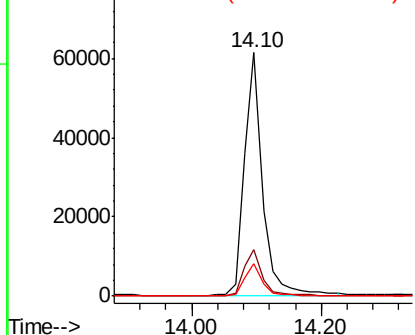


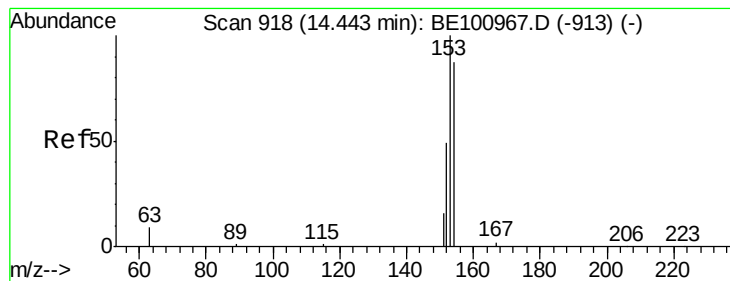
#16
Acenaphthylene
Concen: 3.467 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:152 Resp: 119155
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 12.9 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: 3.320 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.00 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

Instrument :

BNA_E

ClientSampleId :

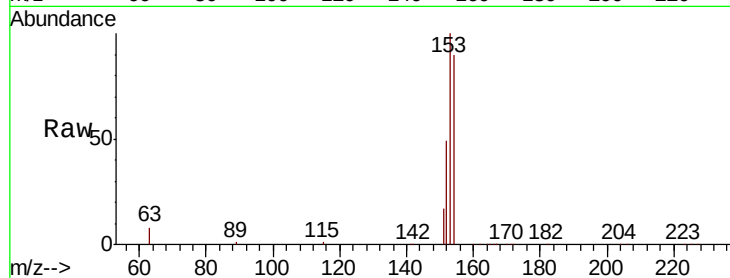
Tot Ion:154 Resp: 77598

Ion Ratio Lower Upper

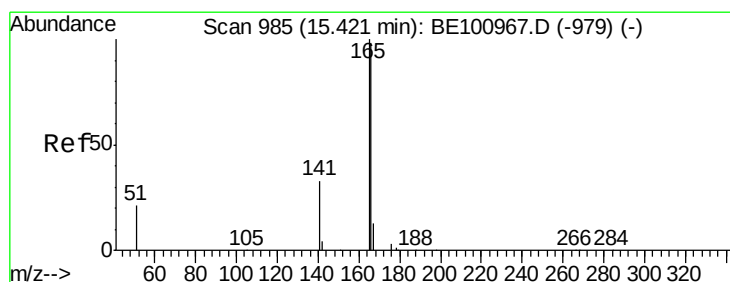
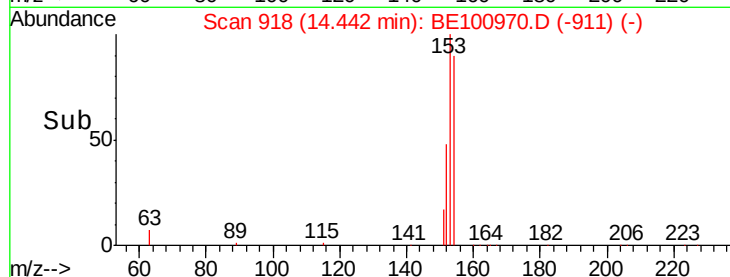
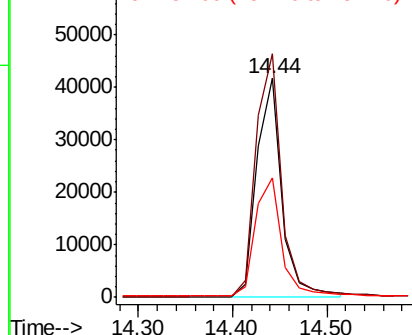
154 100

153 113.7 91.7 137.5

152 56.4 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: 3.443 ng

RT: 15.41 min Scan# 984

Delta R.T. -0.01 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

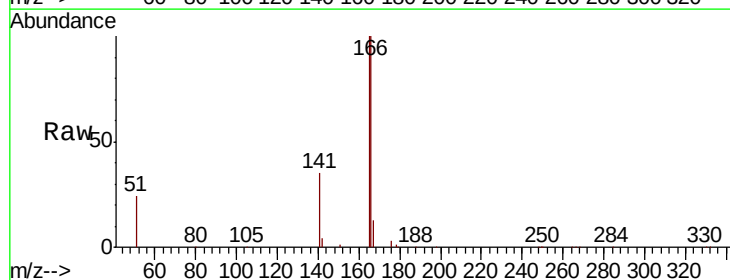
Tgt Ion:166 Resp: 101845

Ion Ratio Lower Upper

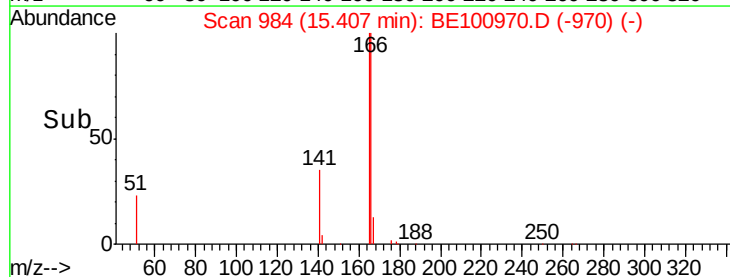
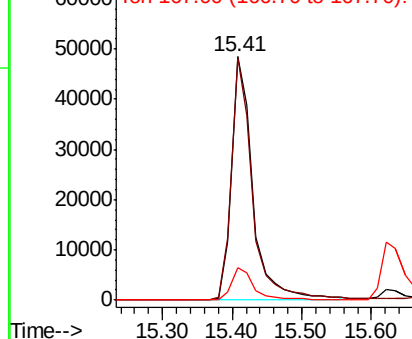
166 100

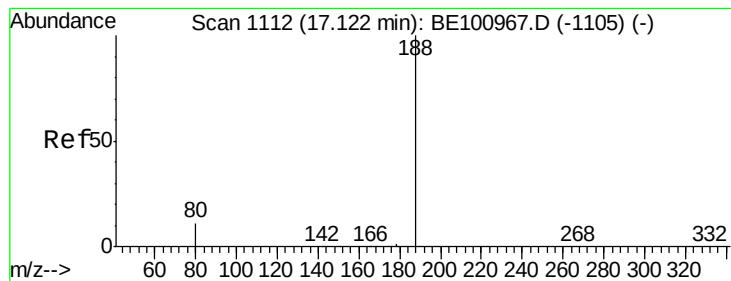
165 98.0 79.4 119.0

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: BE100970.D

Acq: 24 Dec 2019 12:16

Instrument :

BNA_E

ClientSampled :

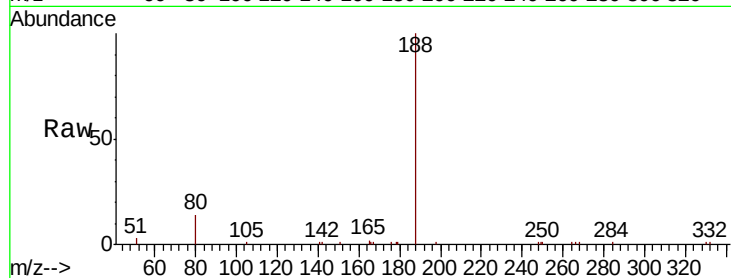
Tot Ion:188 Resp: 18280

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

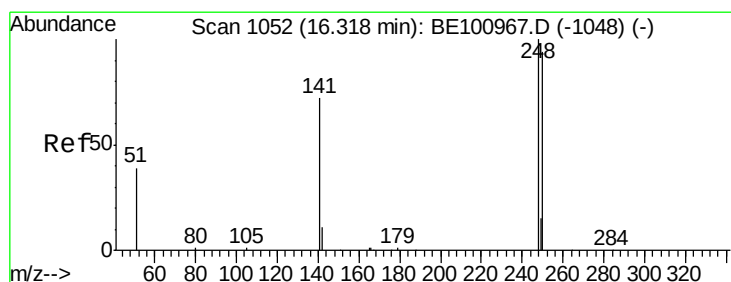
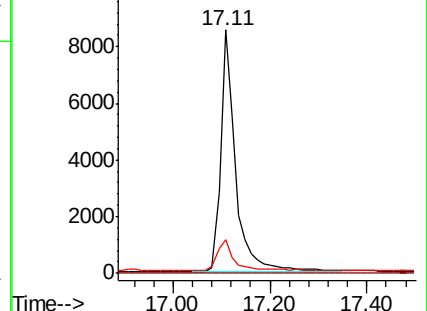
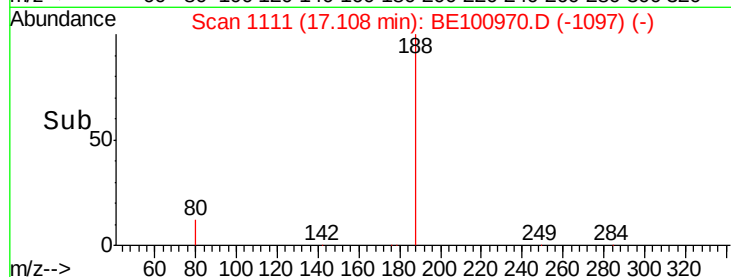
80 13.6 9.7 14.5



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: 3.592 ng

RT: 16.30 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

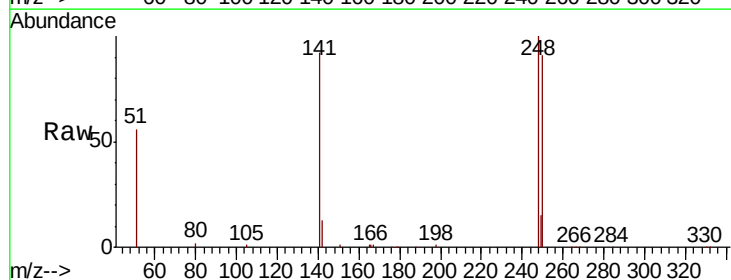
Tgt Ion:248 Resp: 29202

Ion Ratio Lower Upper

248 100

250 90.8 76.0 114.0

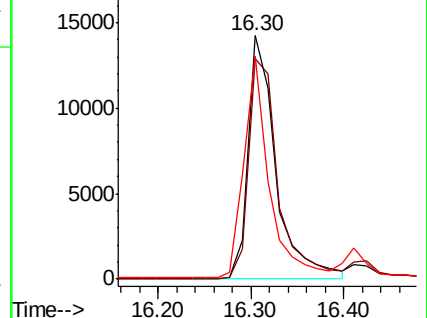
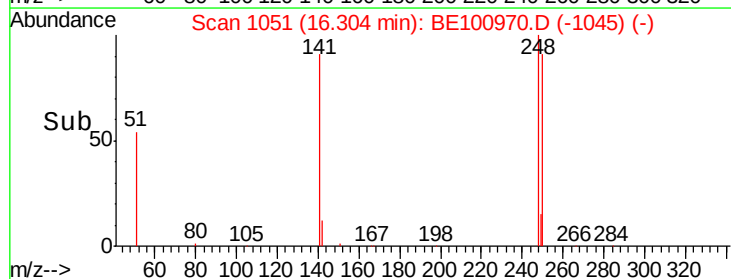
141 91.6 61.0 91.6#

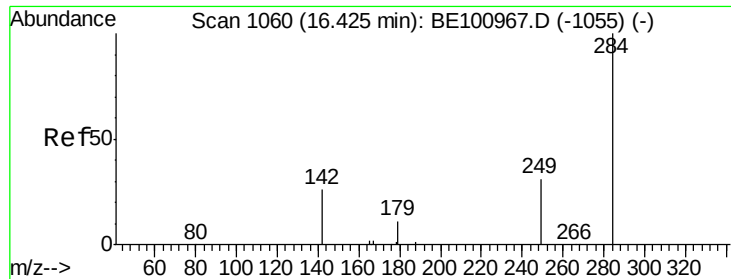


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.392 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

Instrument :

BNA_E

ClientSampled :

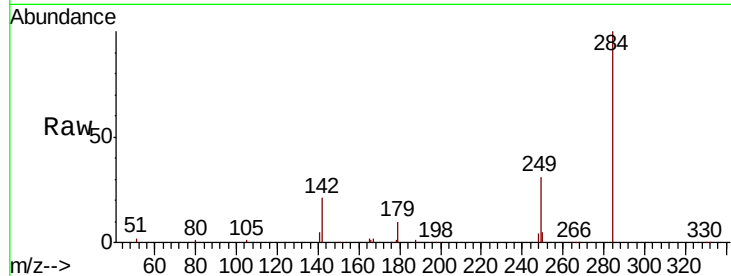
Tot Ion:284 Resp: 31441

Ion Ratio Lower Upper

284 100

142 41.9 33.3 49.9

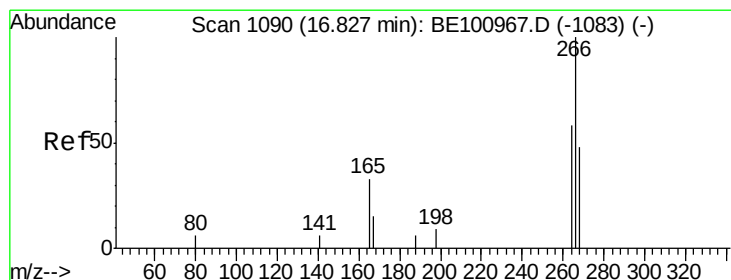
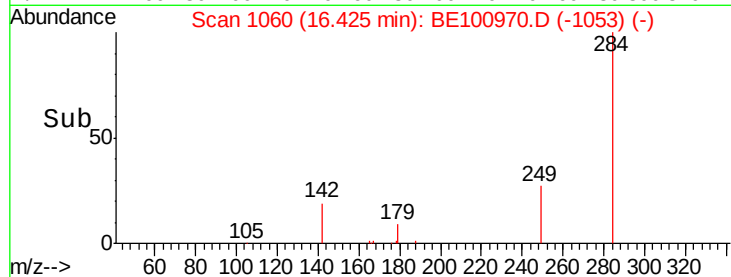
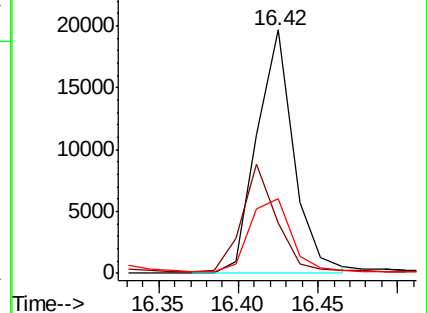
249 33.4 27.2 40.8



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: 3.544 ng

RT: 16.77 min Scan# 1086

Delta R.T. -0.05 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

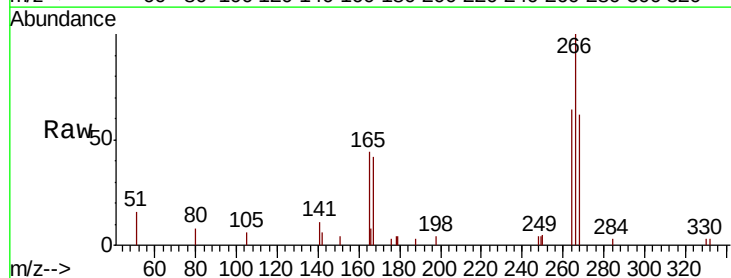
Tgt Ion:266 Resp: 4857

Ion Ratio Lower Upper

266 100

264 63.6 62.3 93.5

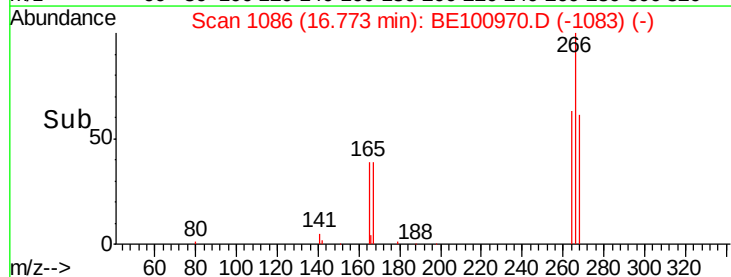
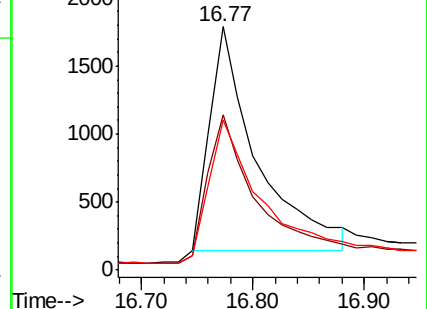
268 61.8 66.1 99.1#

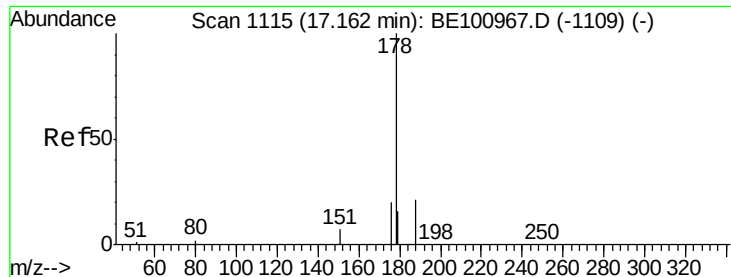


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

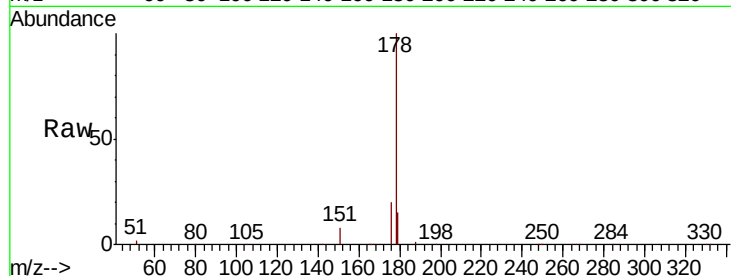




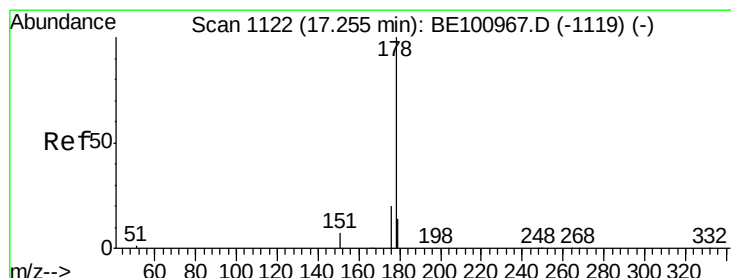
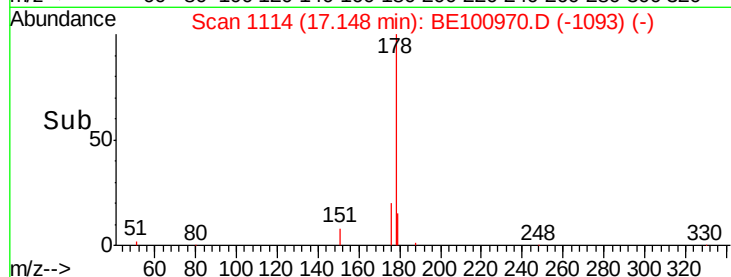
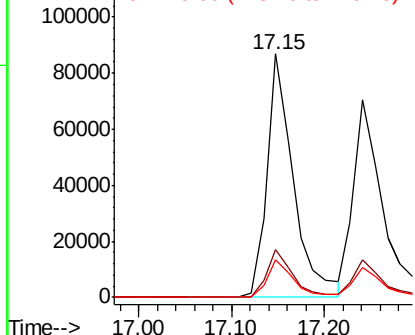
#23
Phenanthrene
Concen: 3.615 ng
RT: 17.15 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Instrument :
BNA_E
ClientSampled :

Tot Ion:178 Resp: 172267
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.3 12.6 18.8

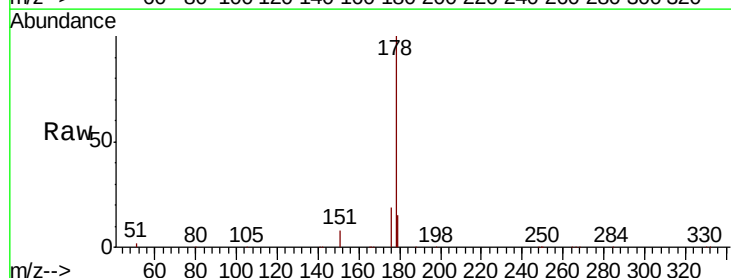


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

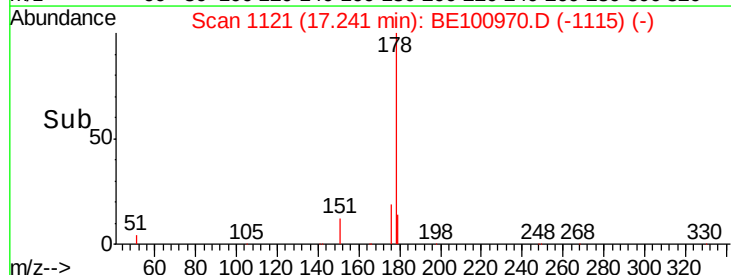
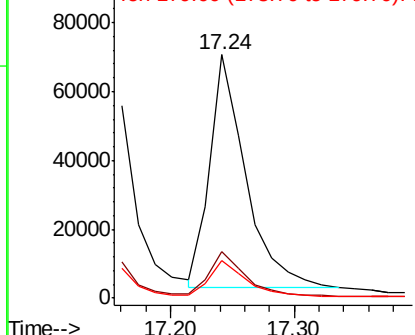


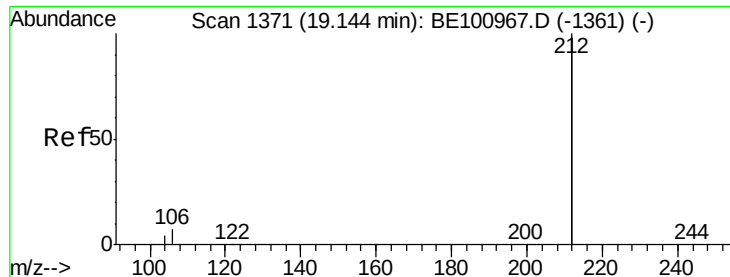
#24
Anthracene
Concen: 4.261 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:178 Resp: 136422
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.3 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

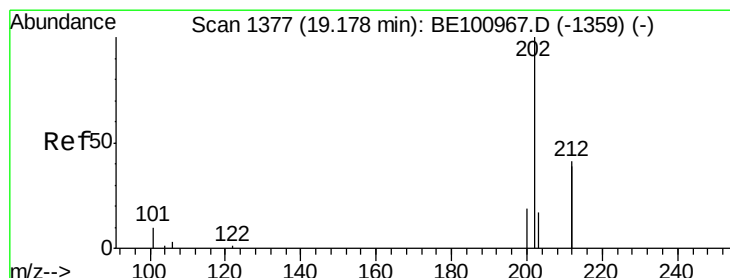
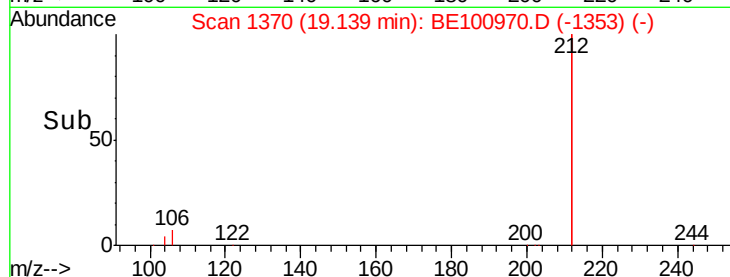
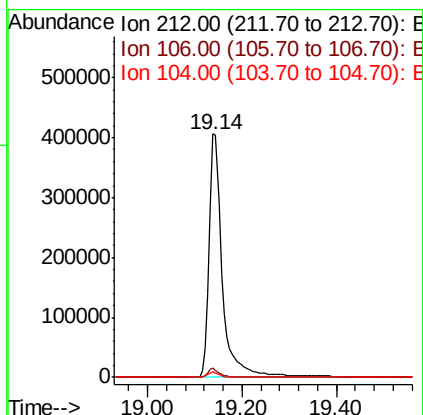
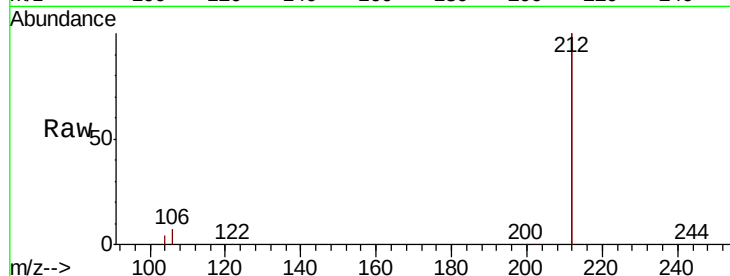




#25
 Fluoranthene-d10
 Concen: 3.414 ng
 RT: 19.14 min Scan# 1370
 Delta R.T. -0.00 min
 Lab File: BE100970.D
 Acq: 24 Dec 2019 12:16

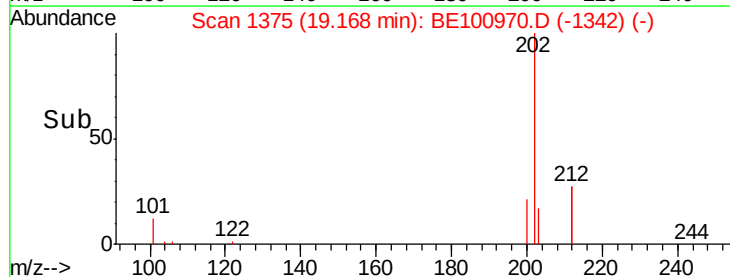
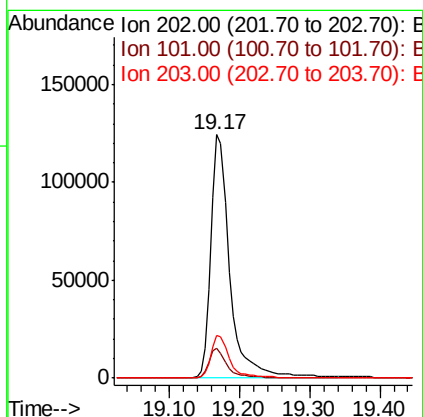
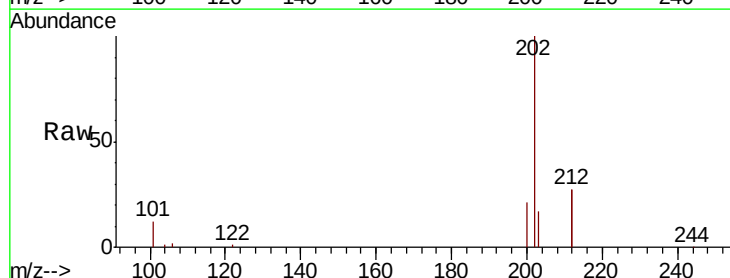
Instrument :
 BNA_E
 ClientSampleId :

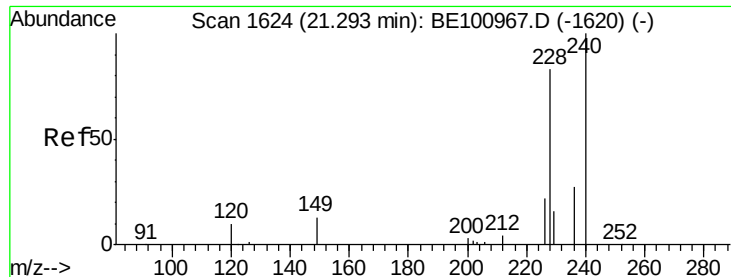
Tot Ion:212 Resp: 781024
 Ion Ratio Lower Upper
 212 100
 106 3.4 2.4 3.6
 104 1.9 1.4 2.0



#26
 Fluoranthene
 Concen: 3.520 ng
 RT: 19.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BE100970.D
 Acq: 24 Dec 2019 12:16

Tgt Ion:202 Resp: 232798
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.0 13.4
 203 17.0 13.2 19.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.29 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

Instrument :

BNA_E

ClientSampled :

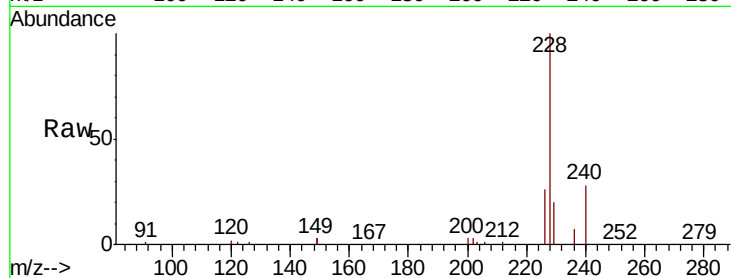
Tot Ion:240 Resp: 21244

Ion Ratio Lower Upper

240 100

120 8.9 10.2 15.4#

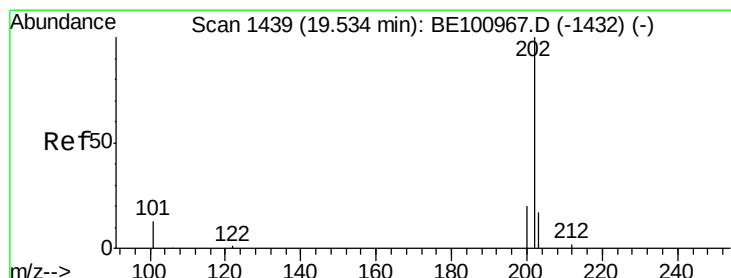
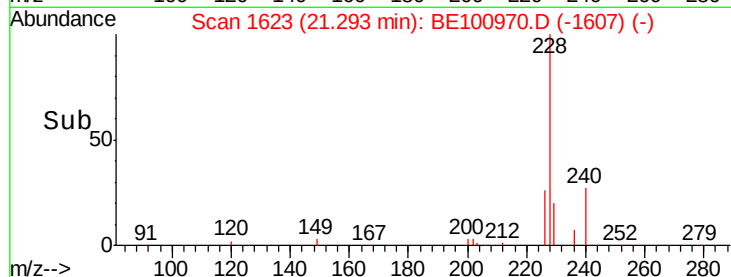
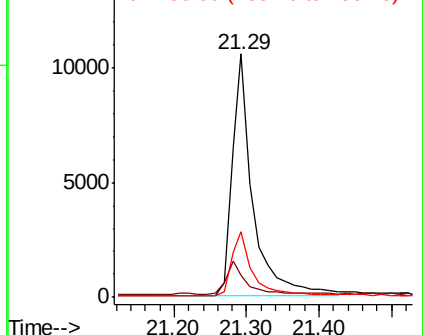
236 26.9 22.6 34.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 3.139 ng

RT: 19.53 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

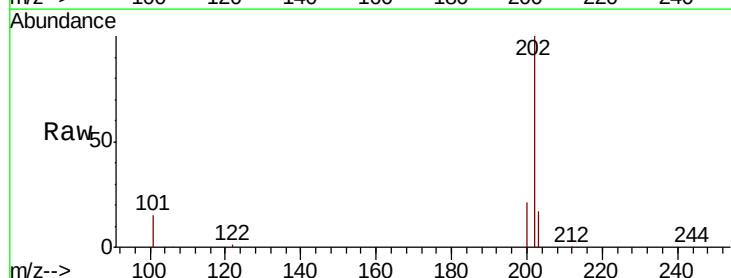
Tgt Ion:202 Resp: 238395

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

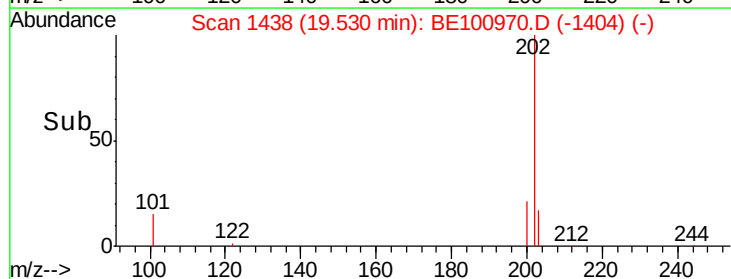
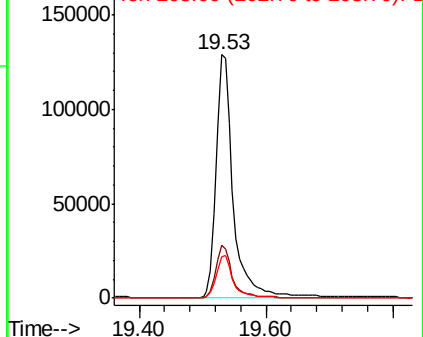
203 17.4 13.8 20.6

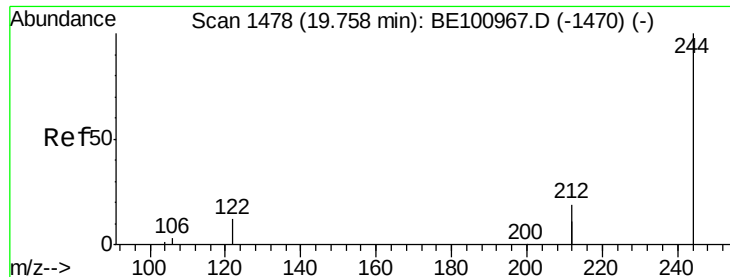


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.378 ng

RT: 19.75 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

Instrument :

BNA_E

ClientSampled :

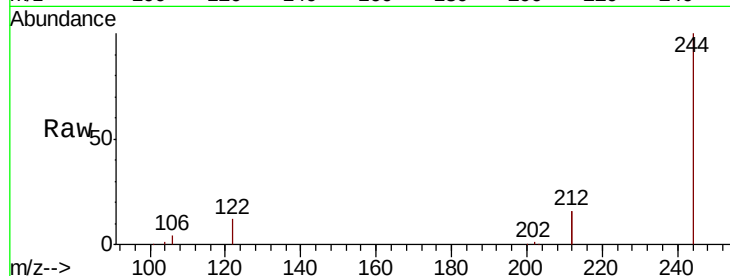
Tot Ion:244 Resp: 163701

Ion Ratio Lower Upper

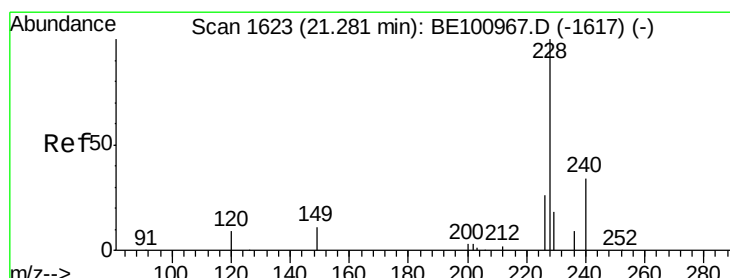
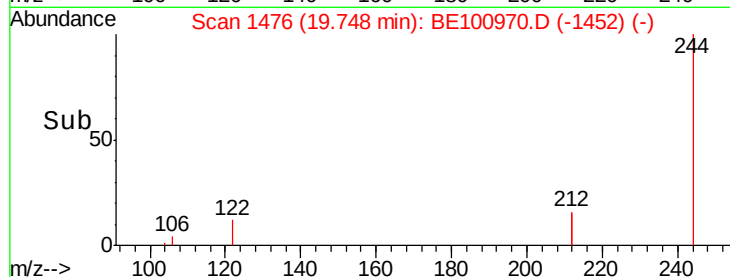
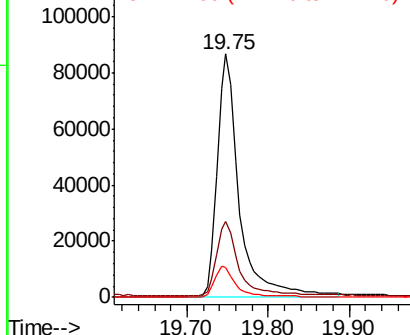
244 100

212 31.2 29.3 43.9

122 12.2 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: 3.766 ng

RT: 21.27 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

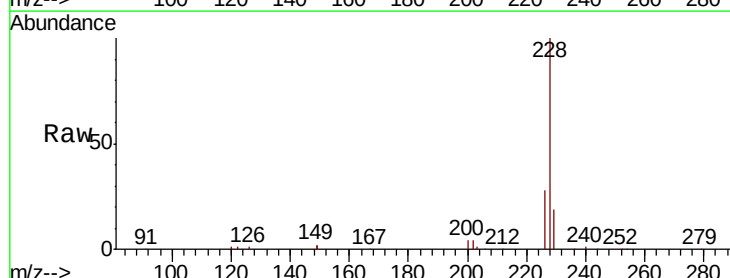
Tgt Ion:228 Resp: 209719

Ion Ratio Lower Upper

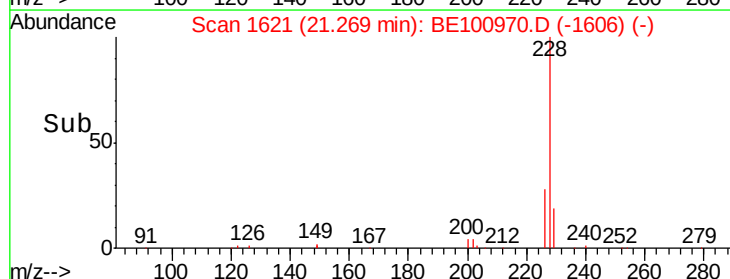
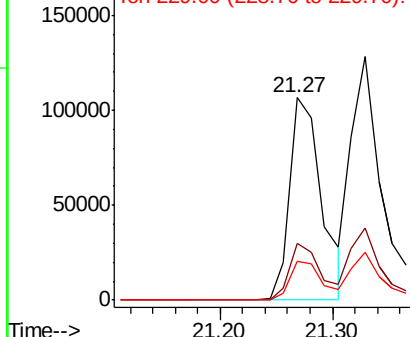
228 100

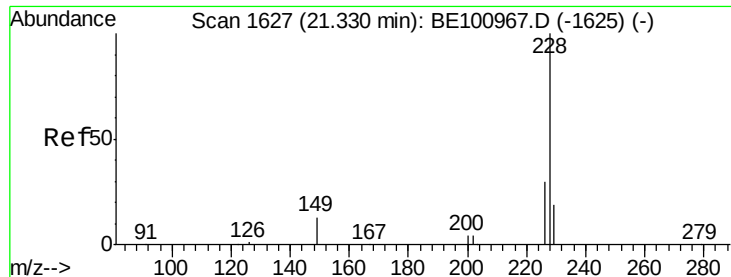
226 28.2 21.8 32.6

229 19.3 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



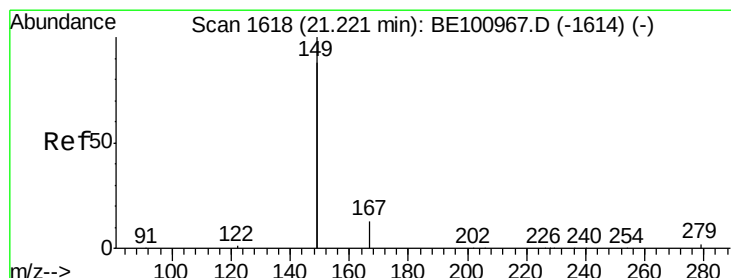
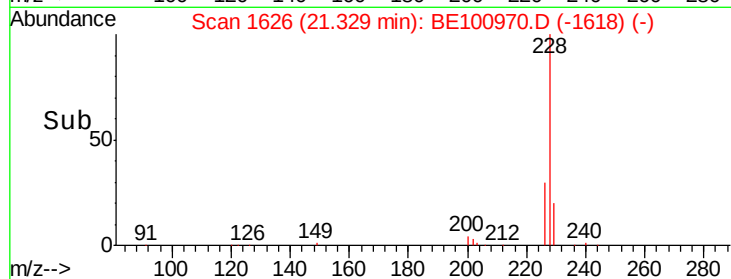
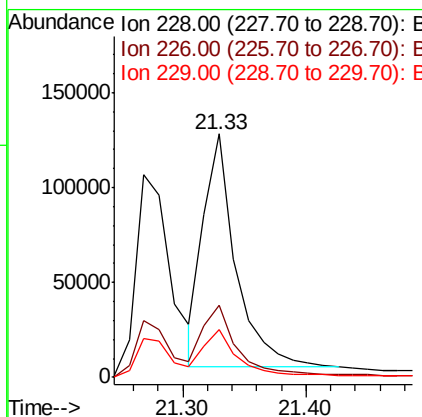
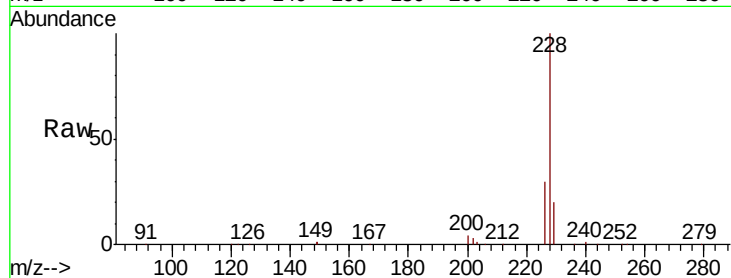


#31
 Chrysene
 Concen: 3.212 ng
 RT: 21.33 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BE100970.D
 Acq: 24 Dec 2019 12:16

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:228 Resp: 225406

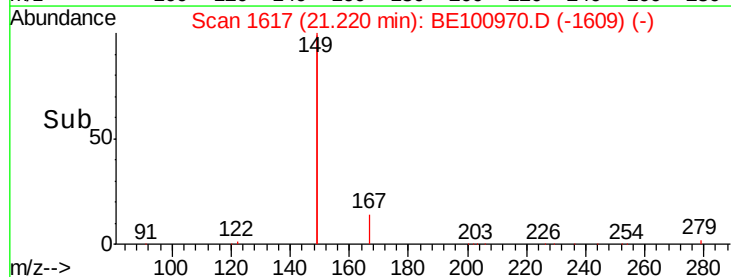
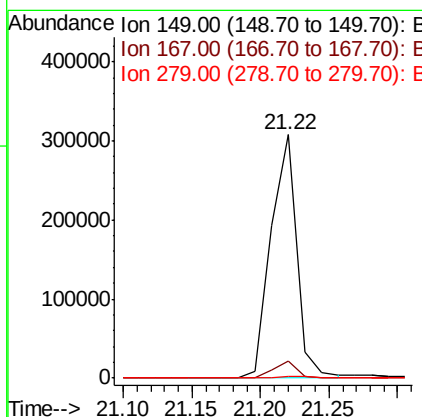
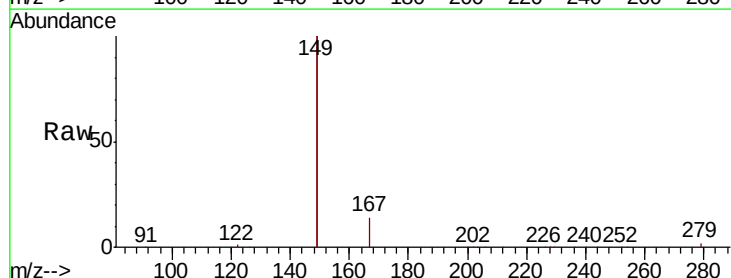
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	19.8	15.7	23.5

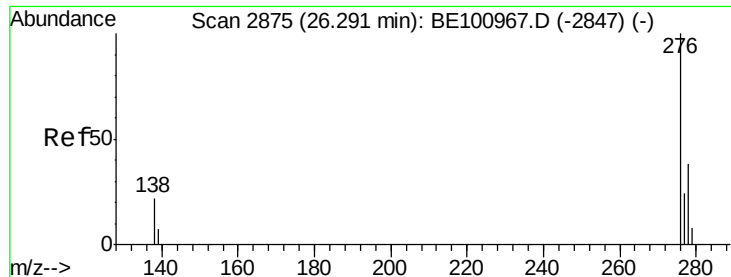


#32
 Bis(2-ethylhexyl)phthalate
 Concen: 2.266 ng
 RT: 21.22 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BE100970.D
 Acq: 24 Dec 2019 12:16

Tgt Ion:149 Resp: 397064

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.1	7.7
279	0.8	0.6	1.0

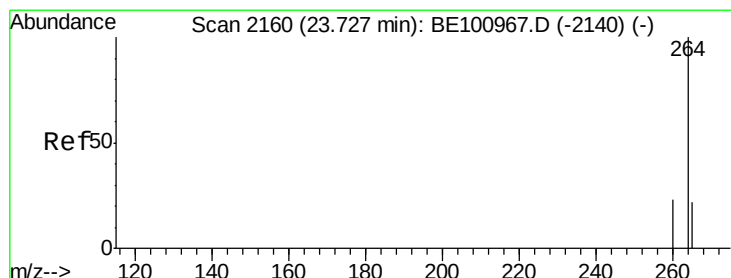
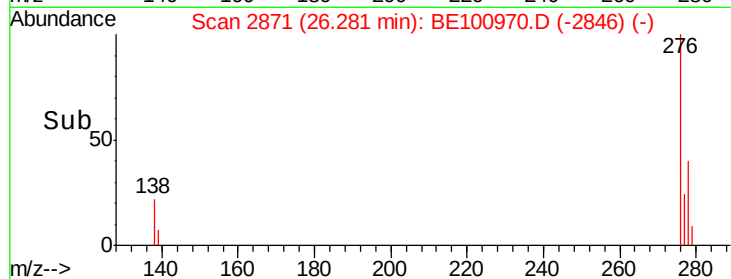
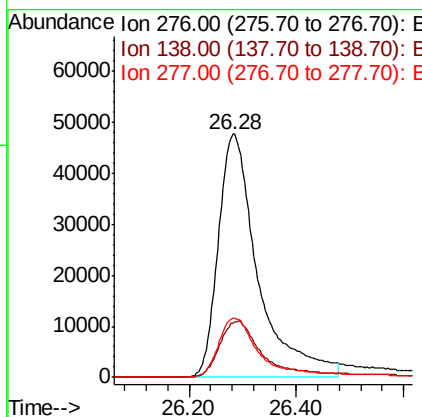
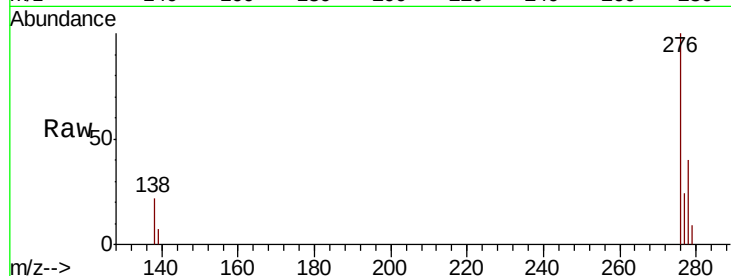




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.326 ng
 RT: 26.28 min Scan# 2871
 Delta R.T. -0.01 min
 Lab File: BE100970.D
 Acq: 24 Dec 2019 12:16

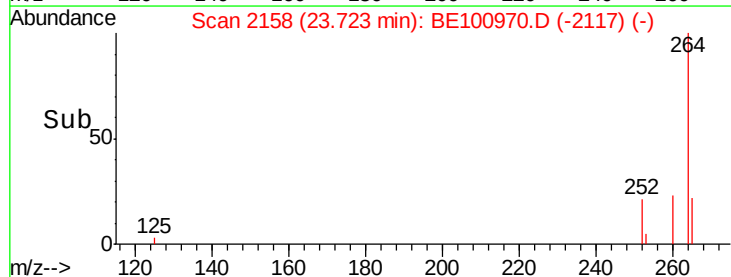
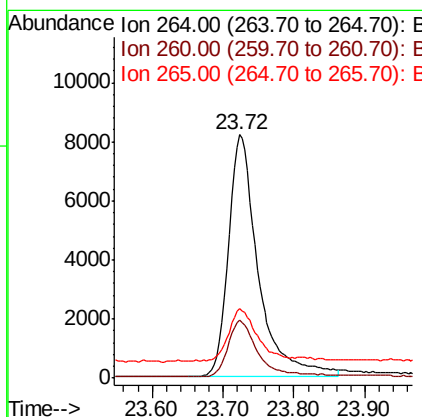
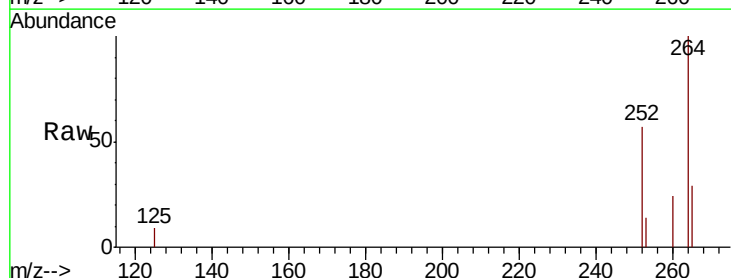
Instrument :
 BNA_E
 ClientSampleId :

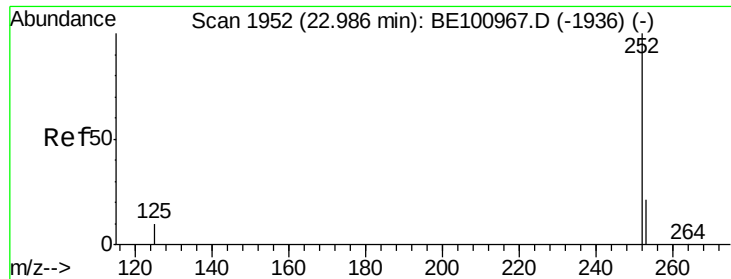
Tot Ion:276 Resp: 244200
 Ion Ratio Lower Upper
 276 100
 138 24.7 14.8 22.2#
 277 24.8 18.0 27.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.72 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BE100970.D
 Acq: 24 Dec 2019 12:16

Tgt Ion:264 Resp: 23801
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 28.7 26.6 40.0

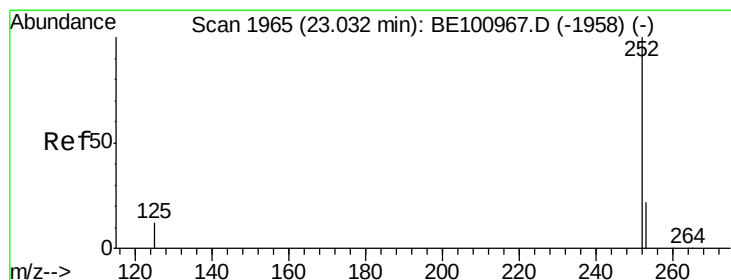
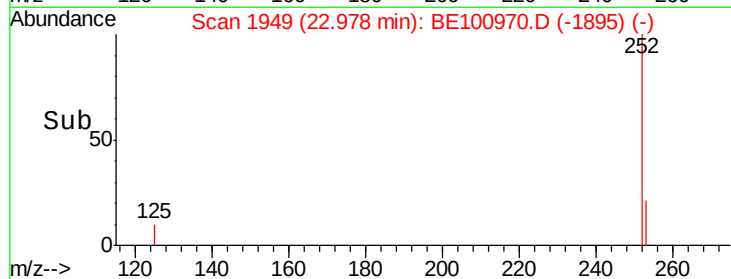
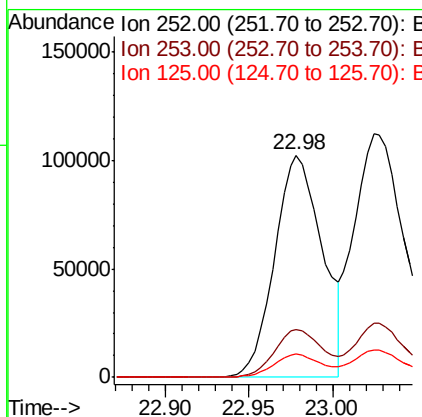
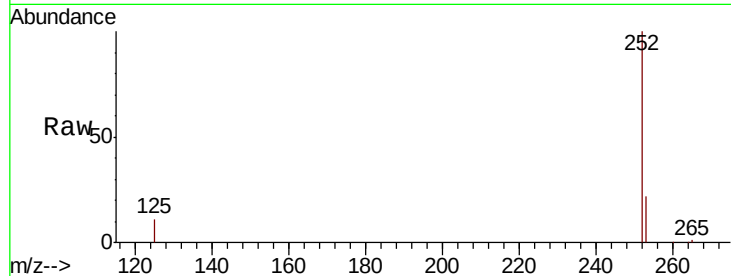




#35
Benzo(b)fluoranthene
Concen: 3.852 ng
RT: 22.98 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

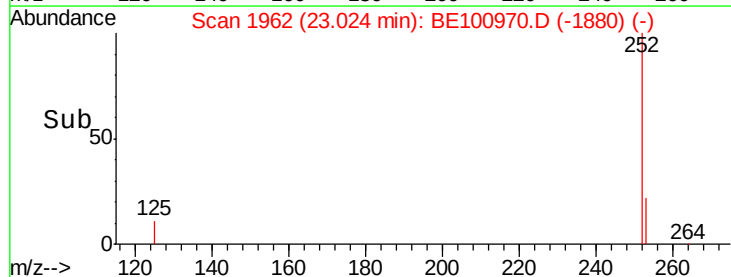
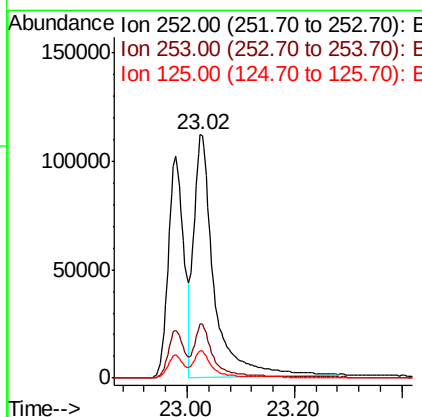
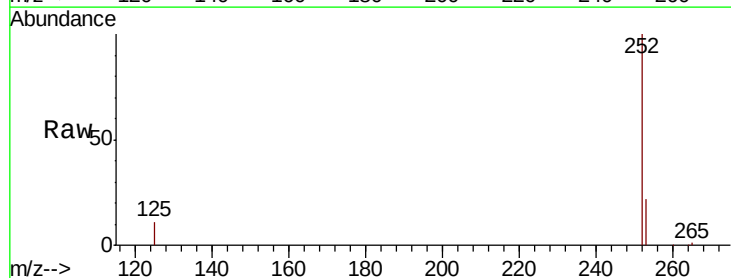
Instrument :
BNA_E
ClientSampled :

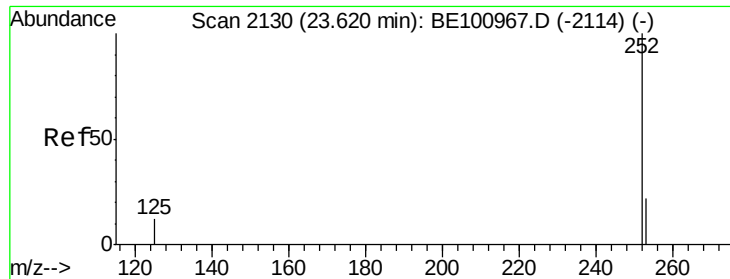
Tot Ion:252 Resp: 203321
Ion Ratio Lower Upper
252 100
253 21.6 18.2 27.4
125 10.5 9.7 14.5



#36
Benzo(k)fluoranthene
Concen: 4.106 ng
RT: 23.02 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BE100970.D
Acq: 24 Dec 2019 12:16

Tgt Ion:252 Resp: 289205
Ion Ratio Lower Upper
252 100
253 22.0 18.9 28.3
125 11.2 11.2 16.8





#37

Benzo(a)pyrene

Concen: 3.406 ng

RT: 23.61 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

Instrument :

BNA_E

ClientSampleId :

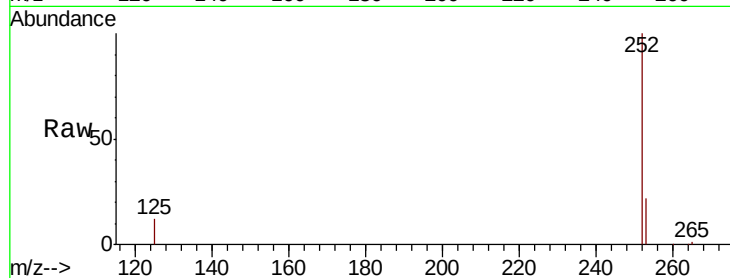
Tot Ion:252 Resp: 204766

Ion Ratio Lower Upper

252 100

253 21.9 20.1 30.1

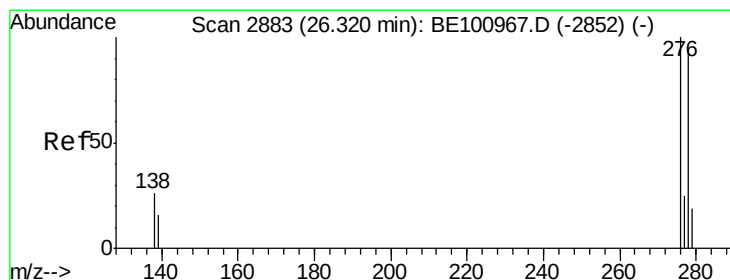
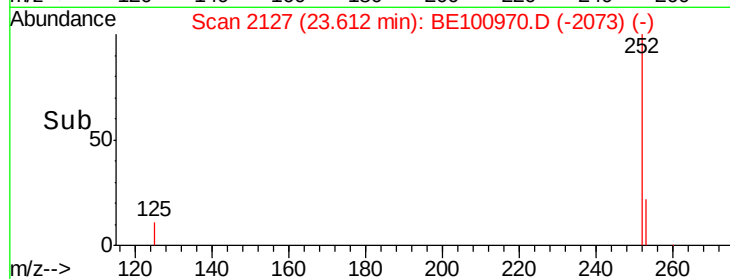
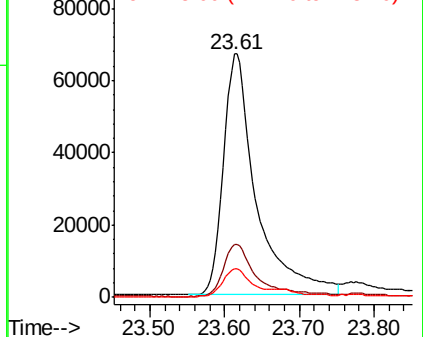
125 11.5 12.6 18.8#



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: 3.807 ng

RT: 26.31 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

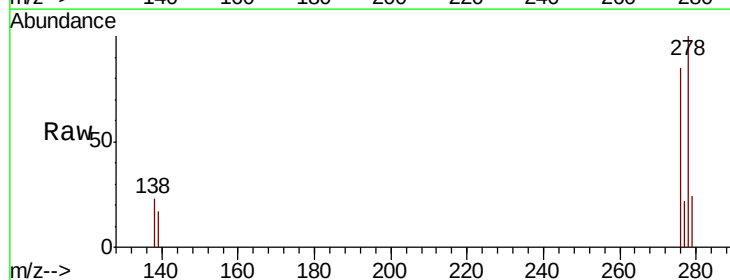
Tgt Ion:278 Resp: 192778

Ion Ratio Lower Upper

278 100

139 16.6 16.4 24.6

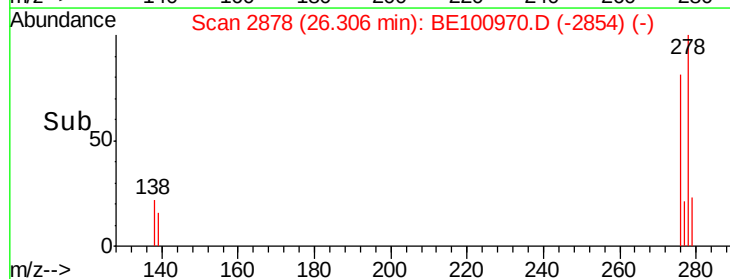
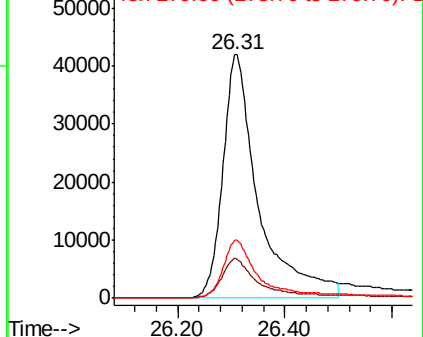
279 23.6 19.3 28.9

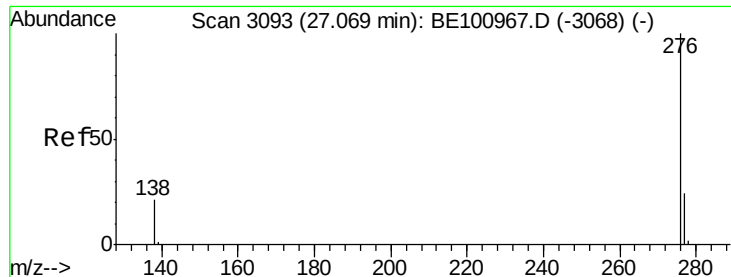


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.481 ng

RT: 27.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BE100970.D

Acq: 24 Dec 2019 12:16

Instrument :

BNA_E

ClientSampleId :

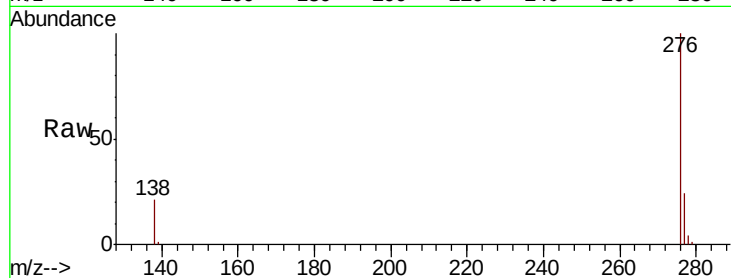
Tot Ion: 276 Resp: 217868

Ion Ratio Lower Upper

276 100

277 24.0 20.0 30.0

138 21.4 18.6 27.8



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

