

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121919\
 Data File : BE100951.D
 Acq On : 19 Dec 2019 18:22
 Operator : JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 20 00:33:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 00:29:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2641	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	12936	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	7943	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	17555	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	18455	0.40	ng	0.00
34) Perylene-d12	23.73	264	23290	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	3309	0.53	ng	0.00
5) Phenol-d6	6.94	99	4299	0.45	ng	-0.02
8) Nitrobenzene-d5	8.90	82	5750	0.93	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	14573	0.78	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	1610	1.82	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	21828	0.69	ng	0.00
25) Fluoranthene-d10	19.14	212	167823	0.81	ng	0.00
29) Terphenyl-d14	19.75	244	32435	0.73	ng	0.00

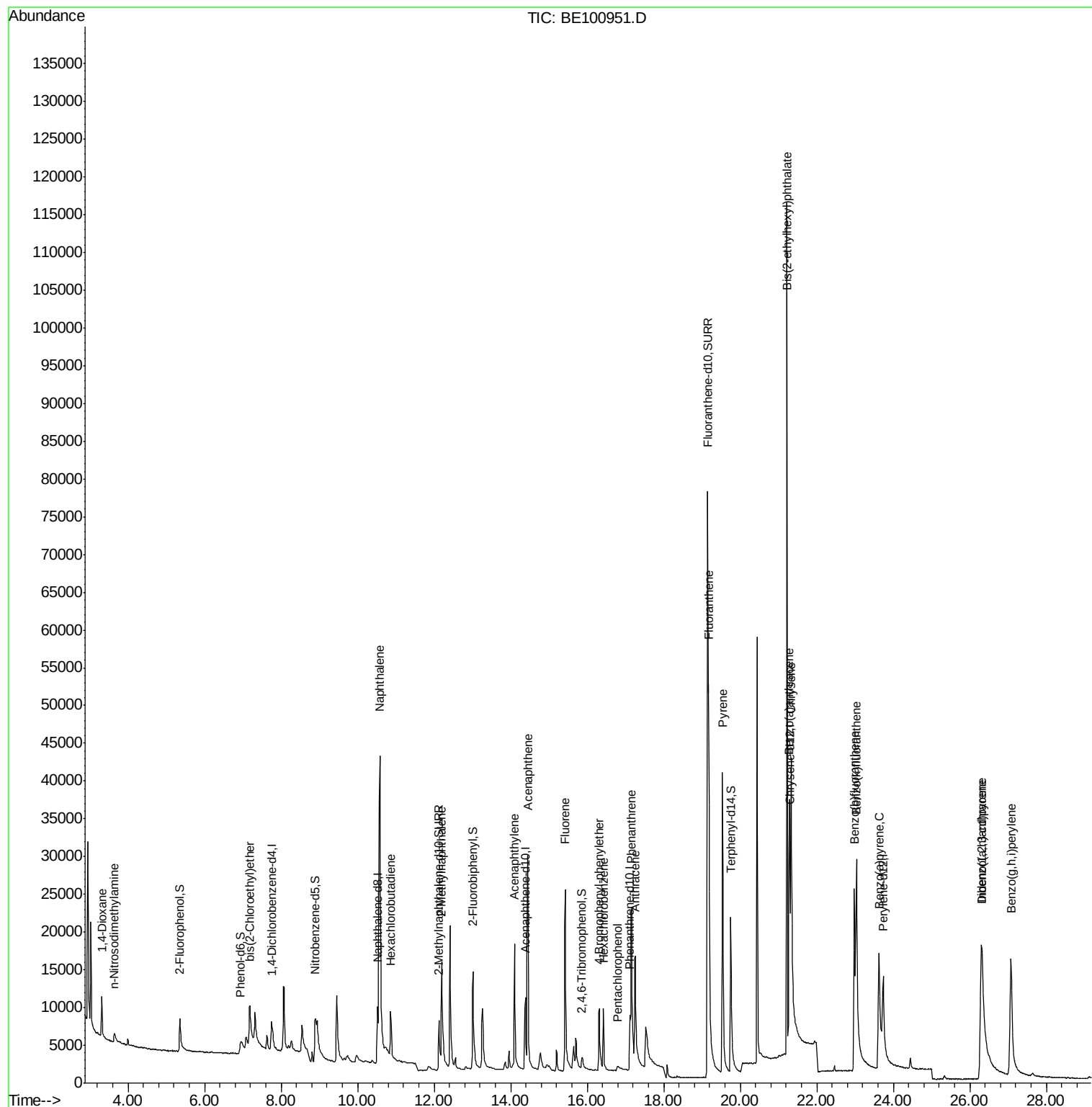
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	5057	1.050	ng	# 89
3) n-Nitrosodimethylamine	3.64	42	1990	0.508	ng	# 68
6) bis(2-Chloroethyl)ether	7.18	93	5793	0.634	ng	# 93
9) Naphthalene	10.58	128	105690	0.769	ng	100
10) Hexachlorobutadiene	10.86	225	4457	0.832	ng	99
12) 2-Methylnaphthalene	12.20	142	15126	0.705	ng	95
16) Acenaphthylene	14.10	152	24335	0.741	ng	99
17) Acenaphthene	14.44	154	16856	0.744	ng	99
18) Fluorene	15.42	166	21415	0.733	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	5905	0.686	ng	# 91
21) Hexachlorobenzene	16.43	284	6587	0.704	ng	98
22) Pentachlorophenol	16.80	266	825	1.275	ng	84
23) Phenanthrene	17.16	178	34998	0.658	ng	99
24) Anthracene	17.26	178	24475	0.550	ng	98
26) Fluoranthene	19.17	202	48001	0.756	ng	99
28) Pyrene	19.53	202	50304	0.839	ng	99
30) Benzo(a)anthracene	21.28	228	37001	0.680	ng	99
31) Chrysene	21.33	228	46026	0.720	ng	98
32) Bis(2-ethylhexyl)phthalate	21.22	149	115401	2.341	ng	100
33) Indeno(1,2,3-cd)pyrene	26.29	276	49877	0.896	ng	# 71
35) Benzo(b)fluoranthene	22.98	252	38485	0.604	ng	99
36) Benzo(k)fluoranthene	23.04	252	64591	0.903	ng	# 91
37) Benzo(a)pyrene	23.62	252	47220	0.855	ng	96
38) Dibenzo(a,h)anthracene	26.32	278	36057	0.657	ng	96
39) Benzo(g,h,i)perylene	27.08	276	47189	0.804	ng	98

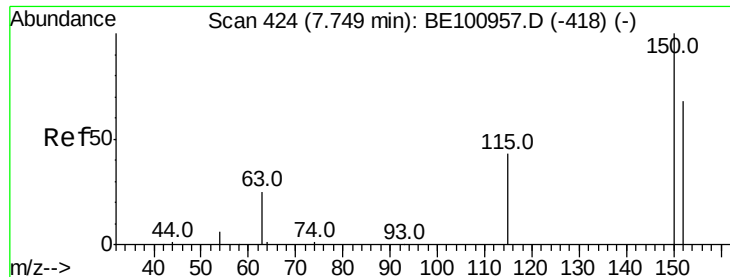
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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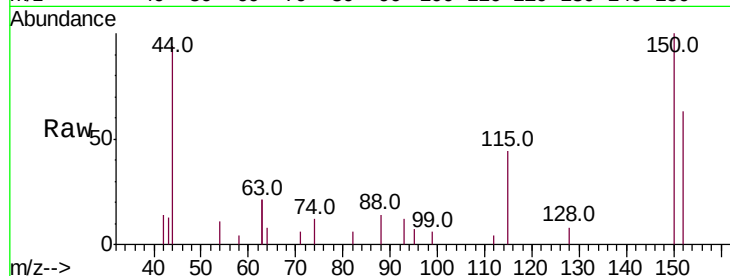


#1

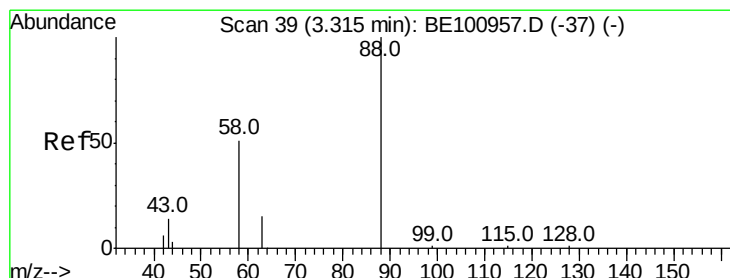
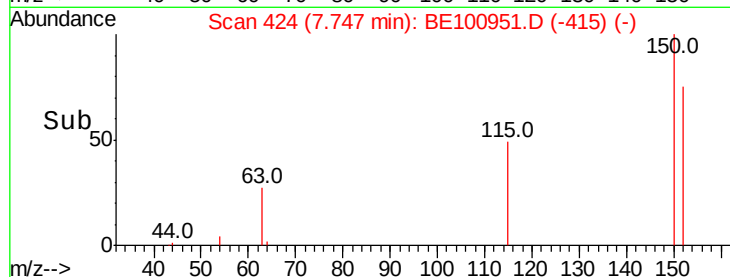
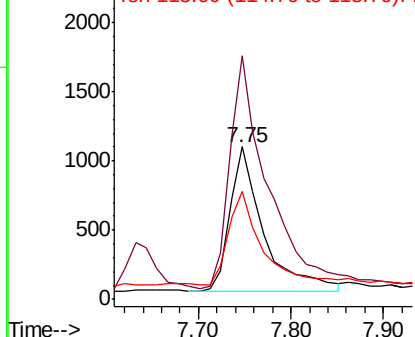
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. -0.00 min
Lab File: BE100951.D
Acq: 19 Dec 2019 18:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2641
Ion Ratio Lower Upper
152 100
150 159.7 116.7 175.1
115 70.7 55.7 83.5



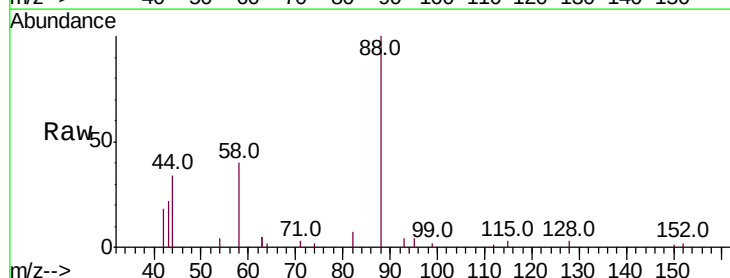
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



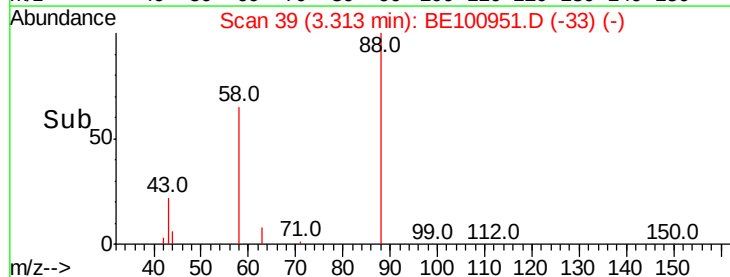
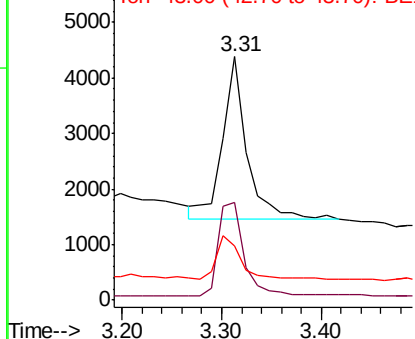
#2

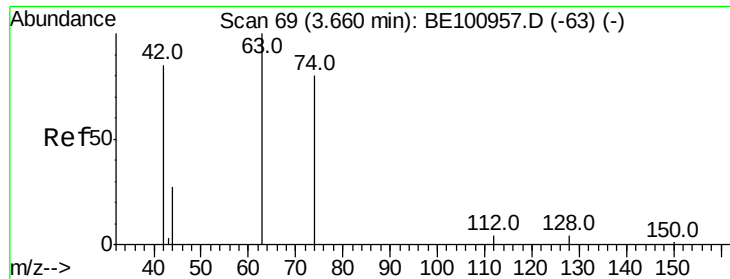
1,4-Dioxane
Concen: 1.050 ng
RT: 3.31 min Scan# 39
Delta R.T. -0.00 min
Lab File: BE100951.D
Acq: 19 Dec 2019 18:22

Tgt Ion: 88 Resp: 5057
Ion Ratio Lower Upper
88 100
58 59.9 38.6 57.8#
43 25.6 20.5 30.7



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: 0.508 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.02 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

Instrument :

BNA_E

ClientSampleId :

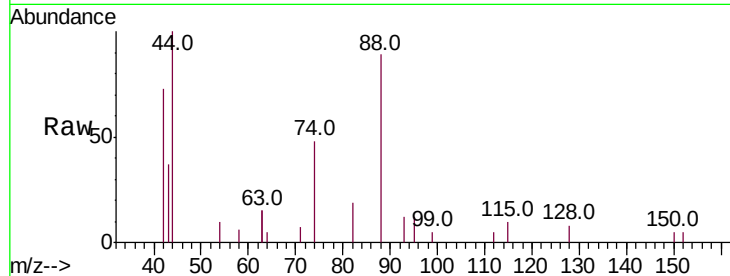
Tot Ion: 42 Resp: 1990

Ion Ratio Lower Upper

42 100

74 128.4 77.8 116.6#

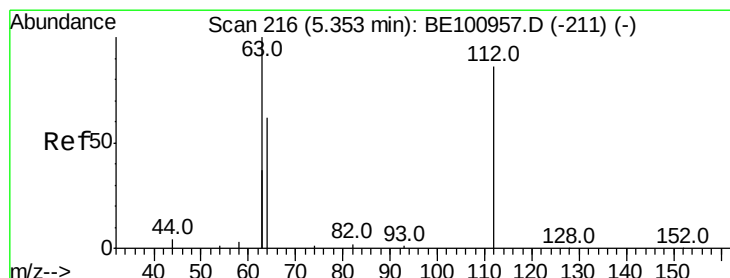
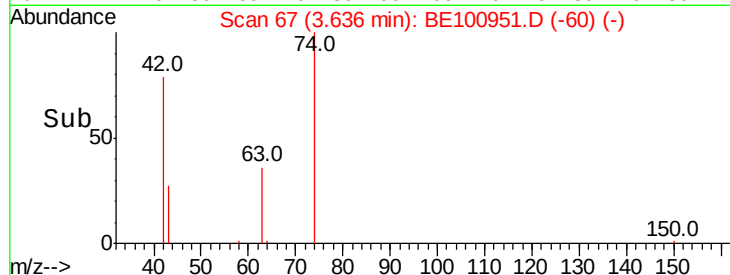
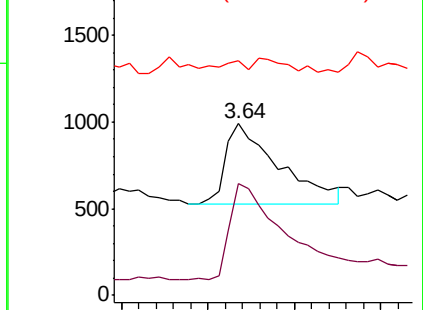
44 4.4 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.528 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

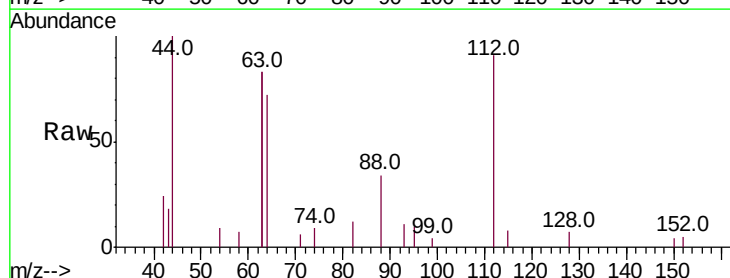
Tgt Ion: 112 Resp: 3309

Ion Ratio Lower Upper

112 100

64 72.3 58.6 88.0

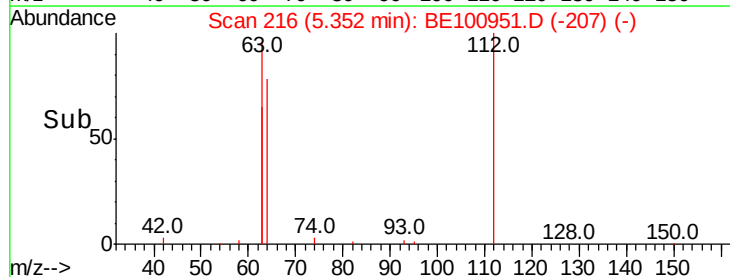
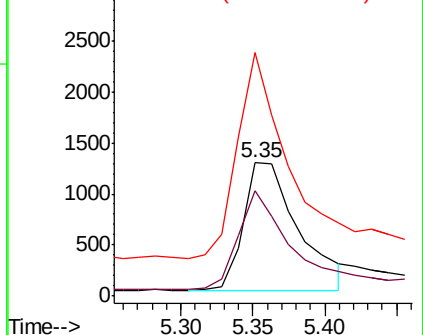
63 149.7 121.0 181.6

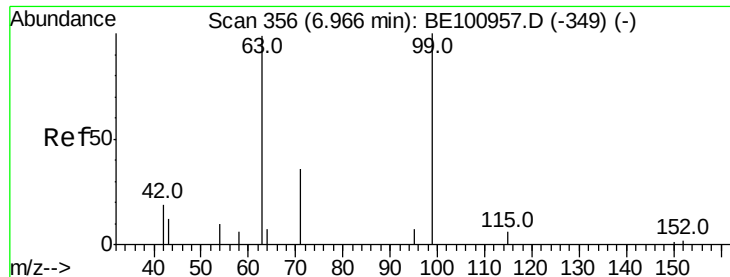


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.454 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.02 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

Instrument :

BNA_E

ClientSampled :

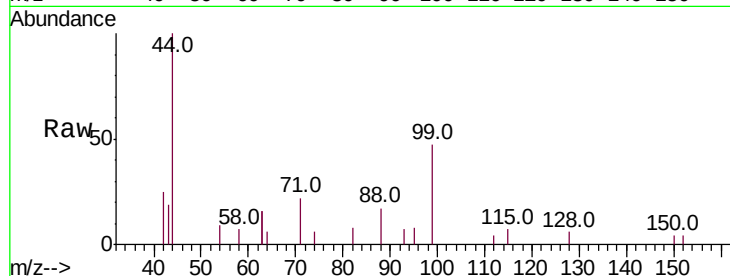
Tot Ion: 99 Resp: 4299

Ion Ratio Lower Upper

99 100

42 19.8 10.2 15.2#

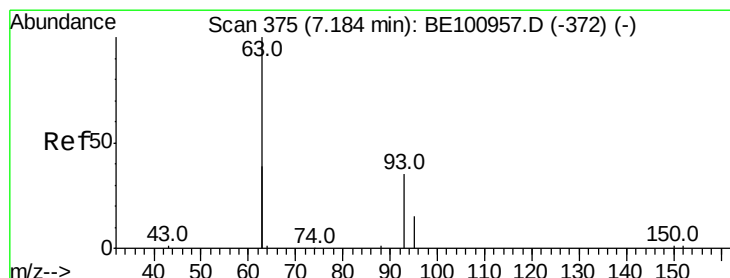
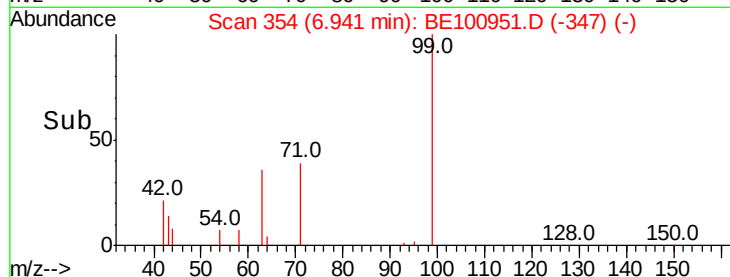
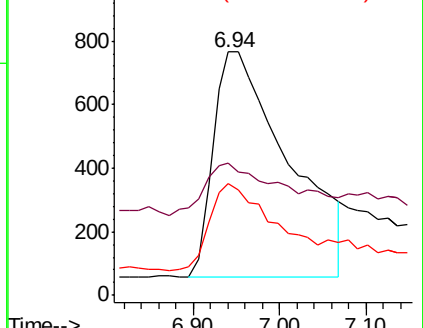
71 33.5 0.0 0.0#



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: 0.634 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

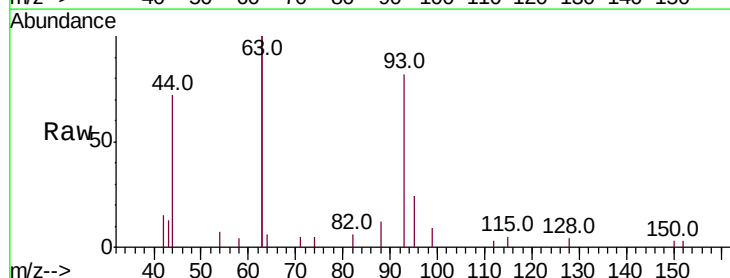
Tgt Ion: 93 Resp: 5793

Ion Ratio Lower Upper

93 100

63 250.8 209.4 314.2

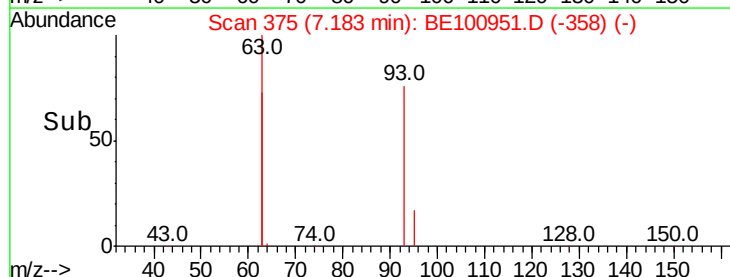
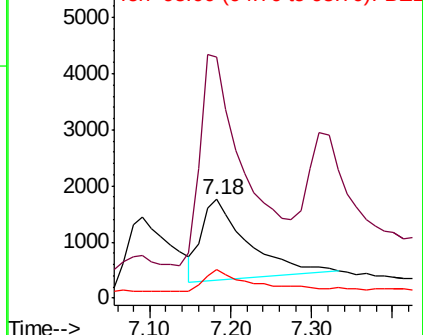
95 27.2 28.6 42.8#

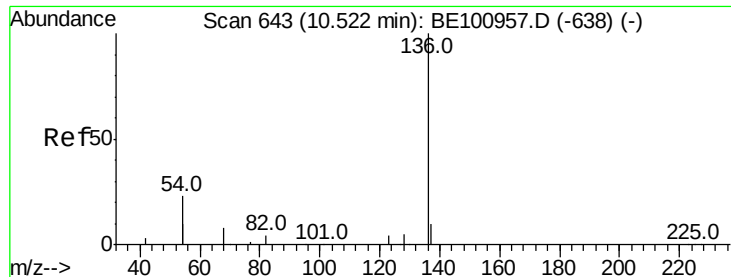


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE100951.D

Acq: 19 Dec 2019 18:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 12936

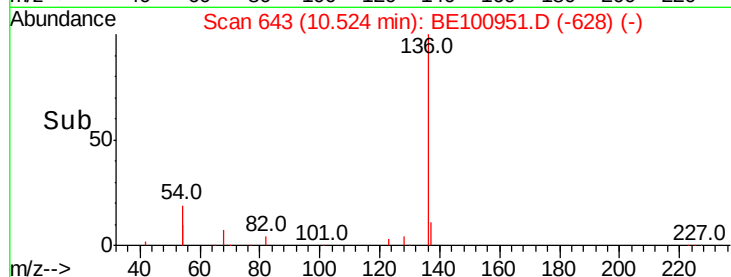
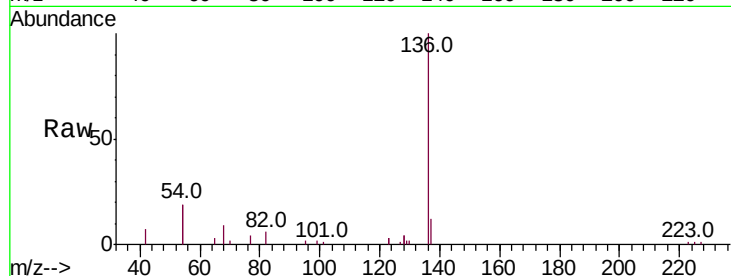
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 38.4 36.2 54.4

68 8.8 8.4 12.6

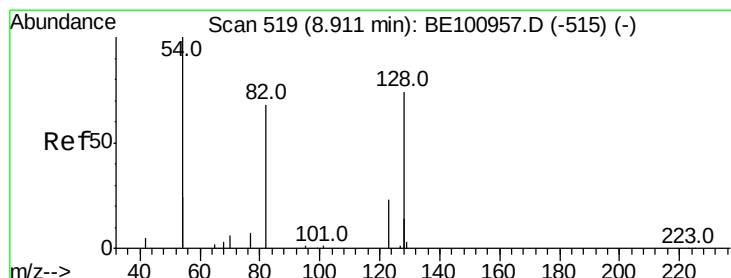
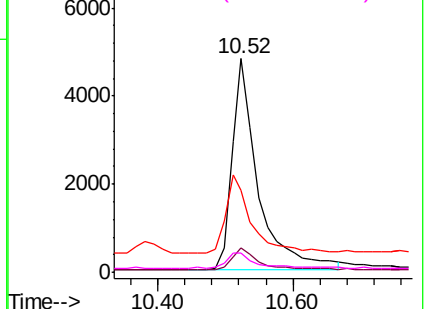


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.933 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

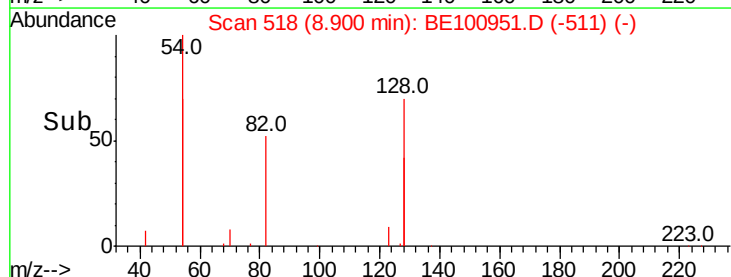
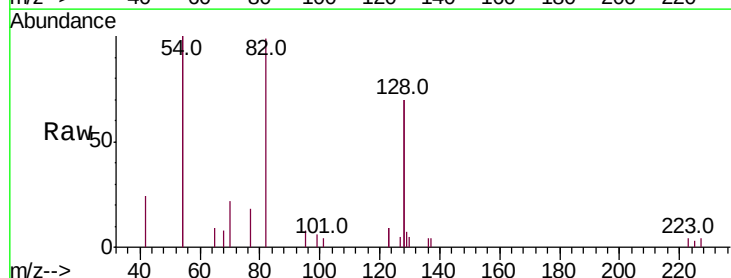
Tgt Ion: 82 Resp: 5750

Ion Ratio Lower Upper

82 100

128 141.5 135.0 202.6

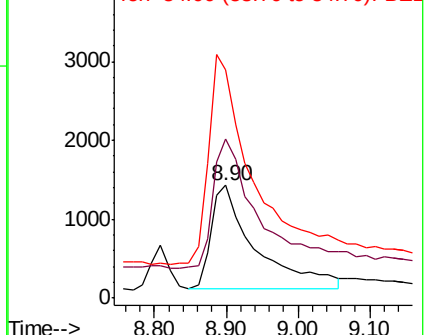
54 201.8 182.6 274.0

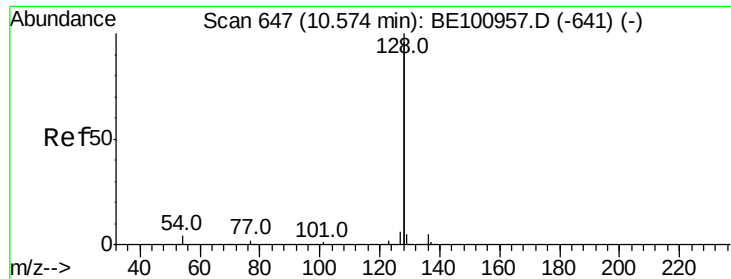


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.769 ng

RT: 10.58 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

Instrument :

BNA_E

ClientSampleId :

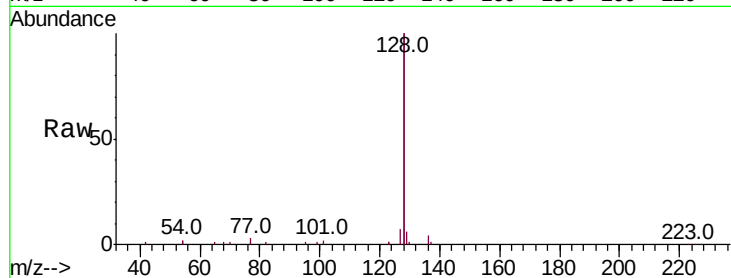
Tot Ion:128 Resp: 105690

Ion Ratio Lower Upper

128 100

129 2.9 2.5 3.7

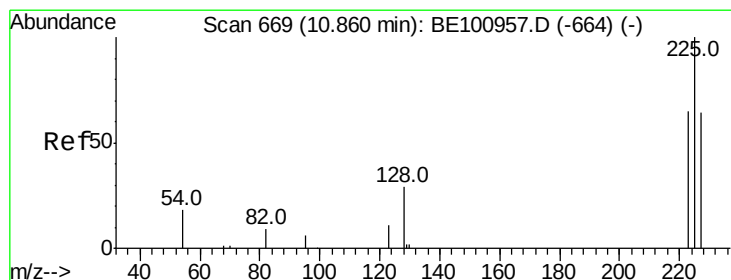
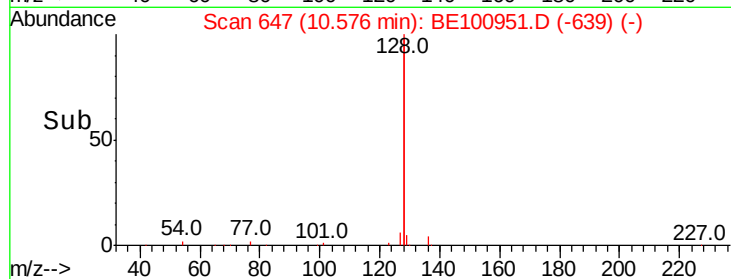
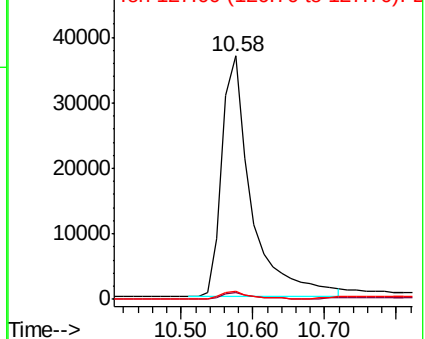
127 3.3 2.7 4.1



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: 0.832 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

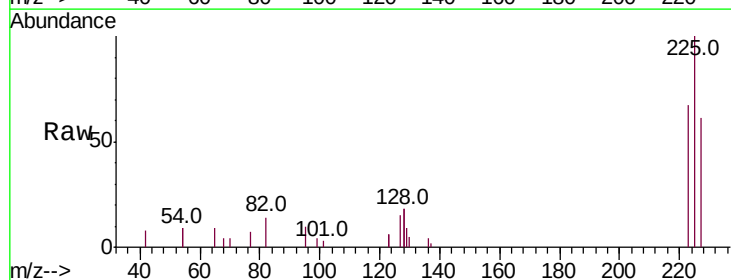
Tgt Ion:225 Resp: 4457

Ion Ratio Lower Upper

225 100

223 62.8 49.4 74.2

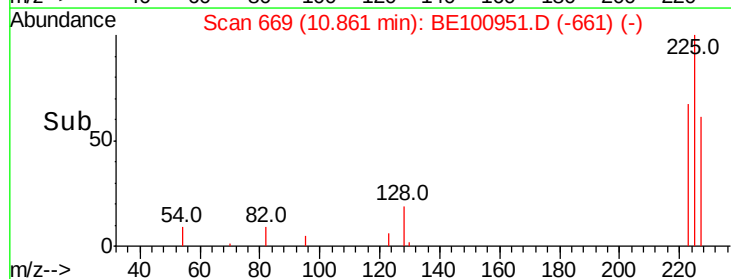
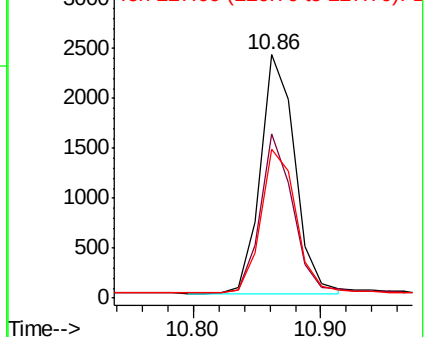
227 61.7 50.3 75.5

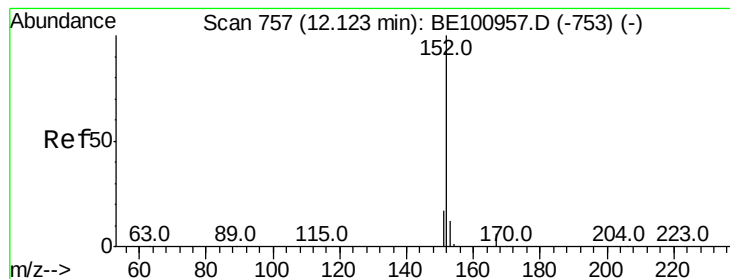


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.777 ng

RT: 12.12 min Scan# 757

Delta R.T. -0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

Instrument :

BNA_E

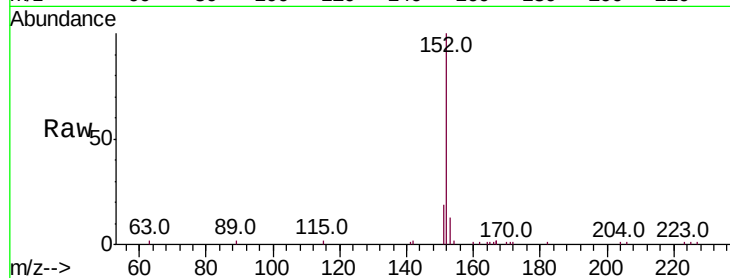
ClientSampleId :

Tot Ion:152 Resp: 14573

Ion Ratio Lower Upper

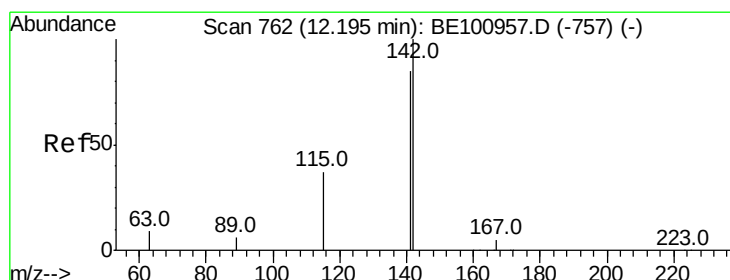
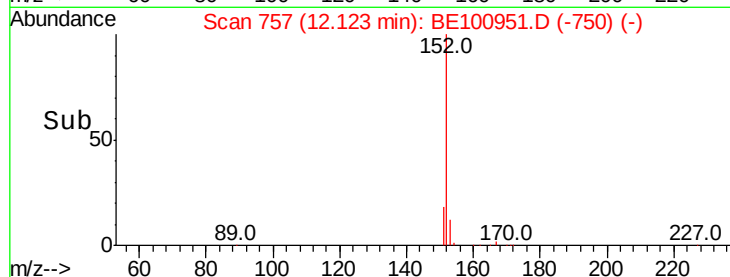
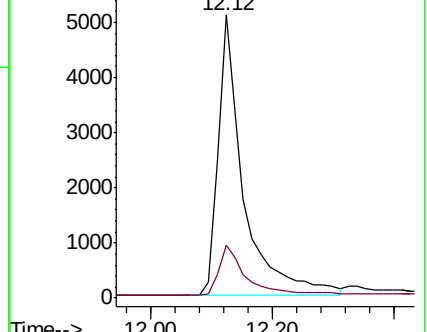
152 100

151 20.0 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.705 ng

RT: 12.20 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

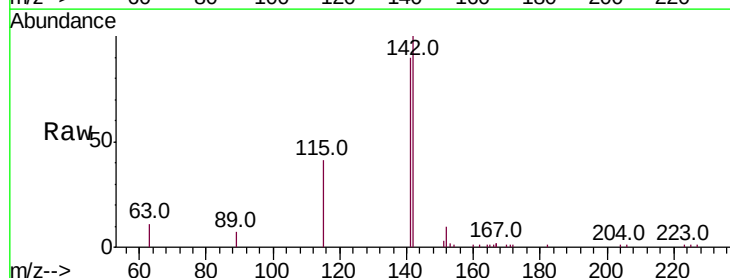
Tgt Ion:142 Resp: 15126

Ion Ratio Lower Upper

142 100

141 90.0 67.8 101.8

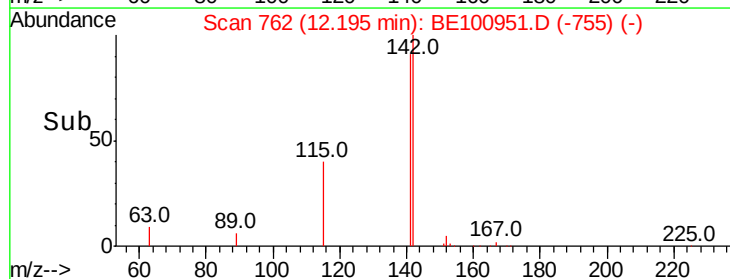
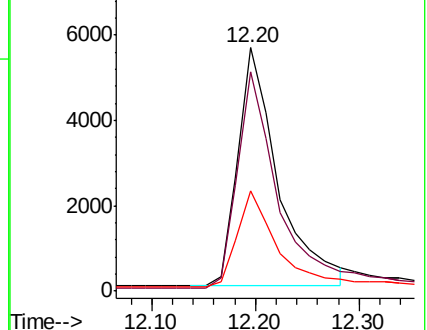
115 41.0 31.7 47.5

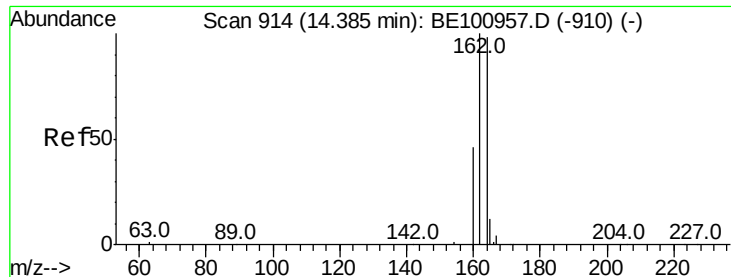


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

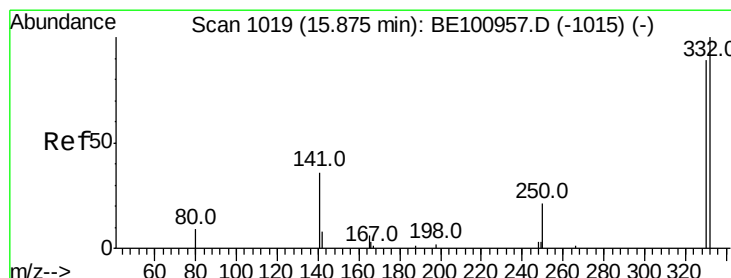
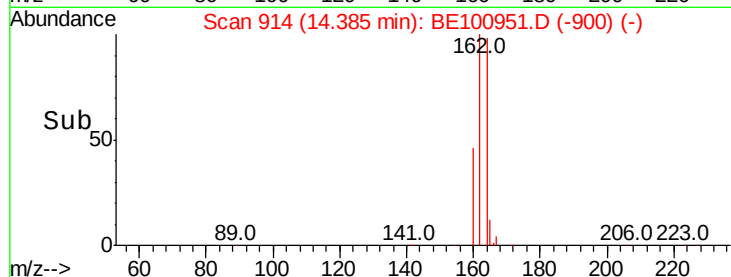
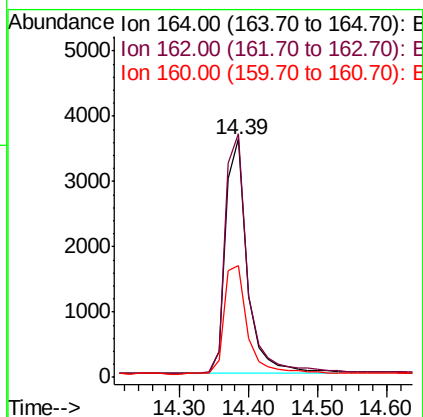
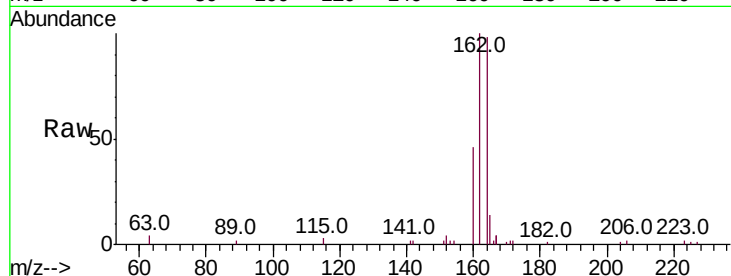




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.39 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BE100951.D
 Acq: 19 Dec 2019 18:22

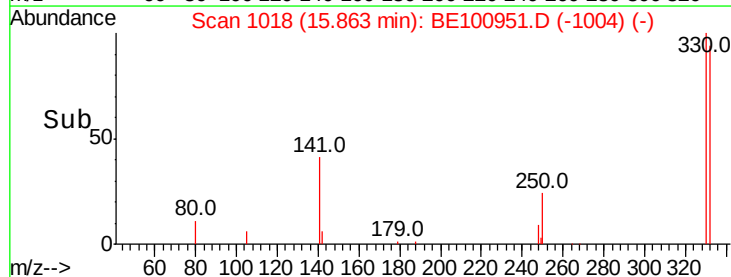
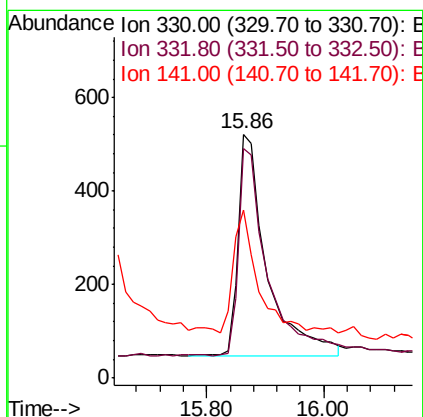
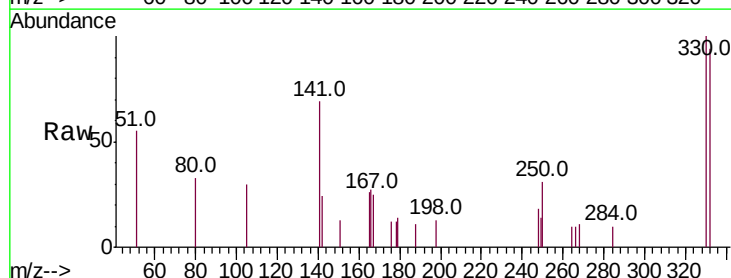
Instrument :
 BNA_E
 ClientSampleId :

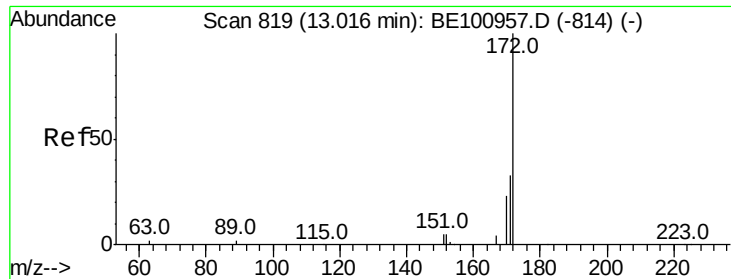
Tot Ion:164 Resp: 7943
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.6 122.4
 160 47.1 38.5 57.7



#14
 2,4,6-Tribromophenol
 Concen: 1.822 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE100951.D
 Acq: 19 Dec 2019 18:22

Tgt Ion:330 Resp: 1610
 Ion Ratio Lower Upper
 330 100
 332 95.5 84.2 126.2
 141 48.0 39.3 58.9

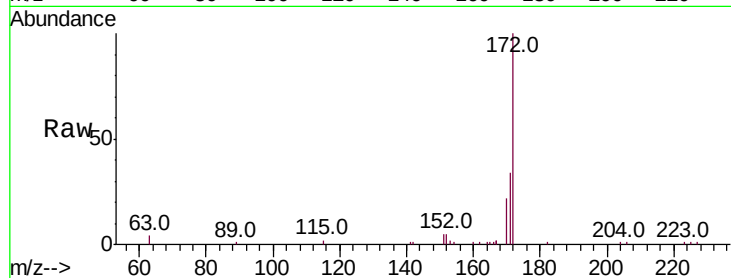




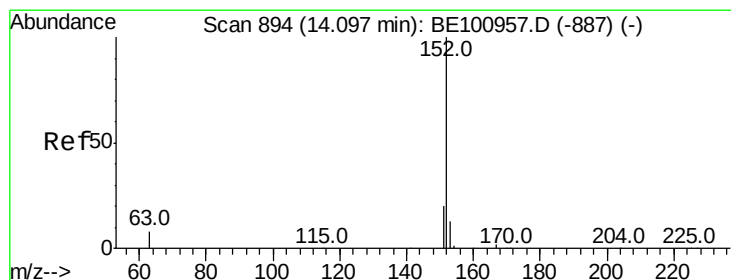
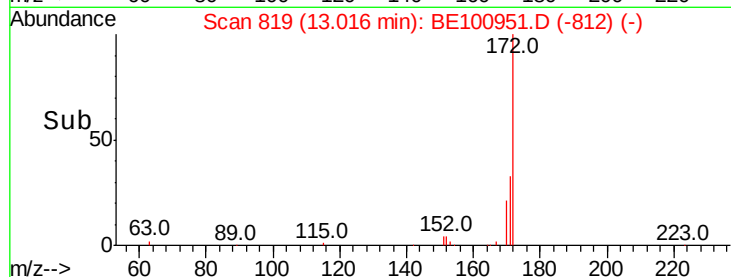
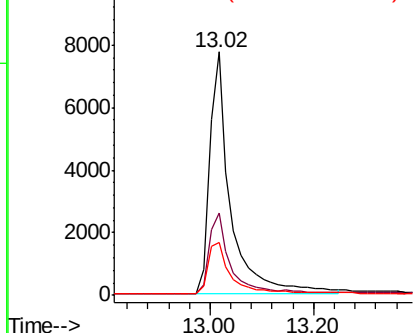
#15
2-Fluorobiphenyl
Concen: 0.693 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100951.D
Acq: 19 Dec 2019 18:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 21828
Ion Ratio Lower Upper
172 100
171 33.6 27.5 41.3
170 21.9 19.8 29.6

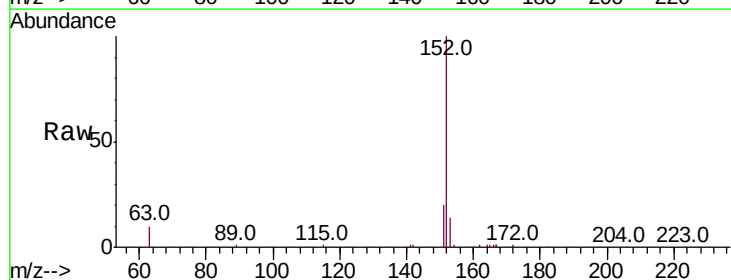


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

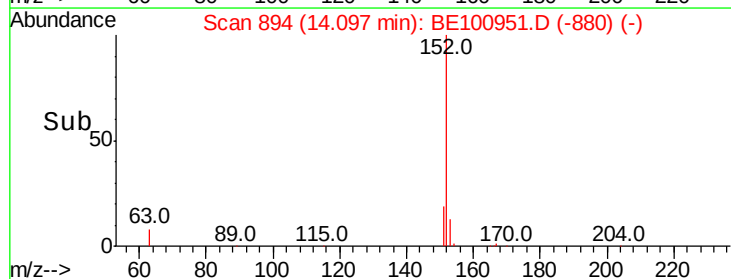
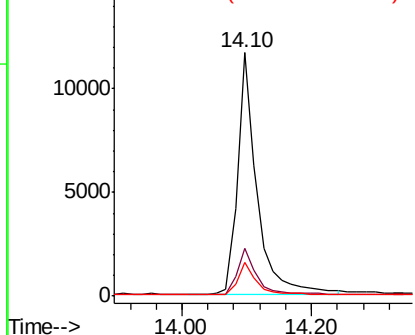


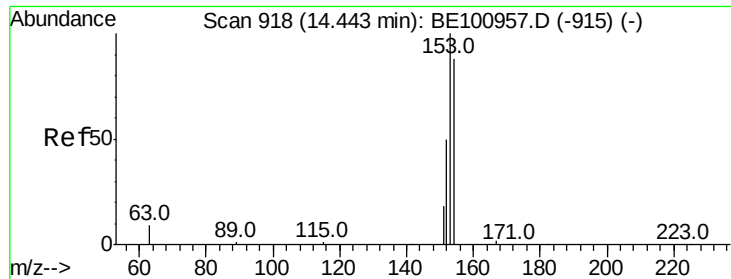
#16
Acenaphthylene
Concen: 0.741 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100951.D
Acq: 19 Dec 2019 18:22

Tgt Ion:152 Resp: 24335
Ion Ratio Lower Upper
152 100
151 19.5 15.0 22.4
153 13.2 10.6 16.0



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

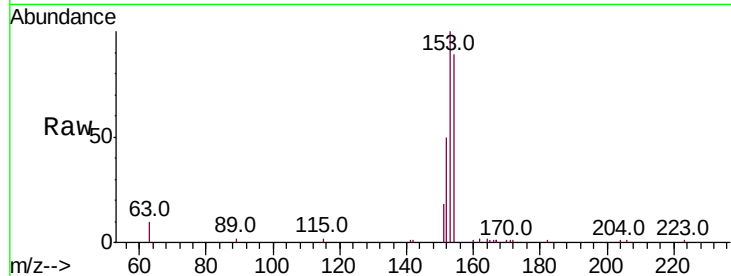




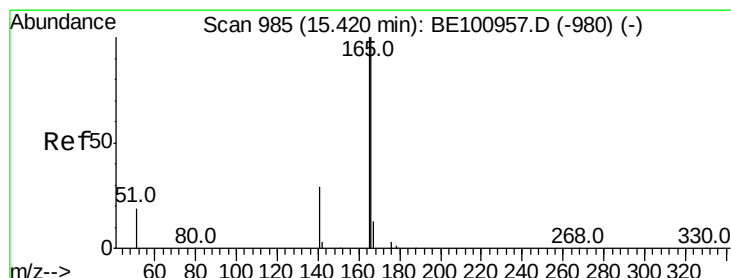
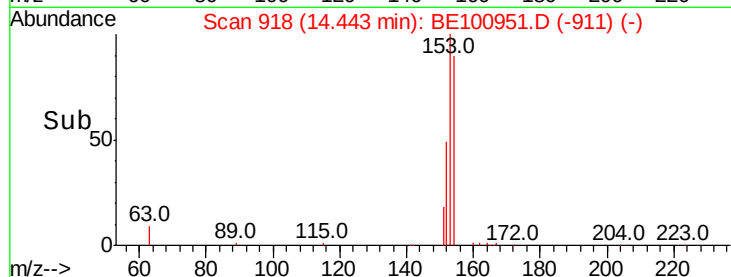
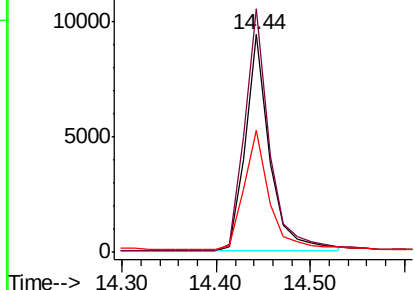
#17
Acenaphthene
Concen: 0.744 ng
RT: 14.44 min Scan# 918
Delta R.T. -0.00 min
Lab File: BE100951.D
Acq: 19 Dec 2019 18:22

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 16856
Ion Ratio Lower Upper
154 100
153 115.0 92.3 138.5
152 57.2 46.4 69.6

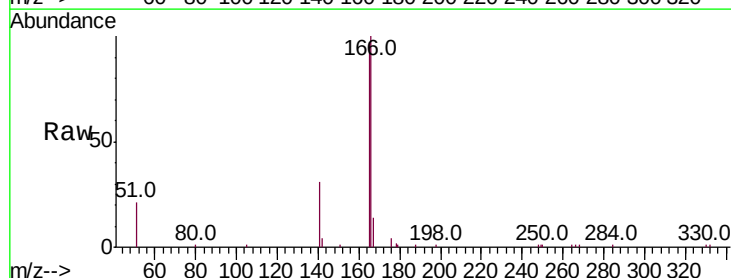


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

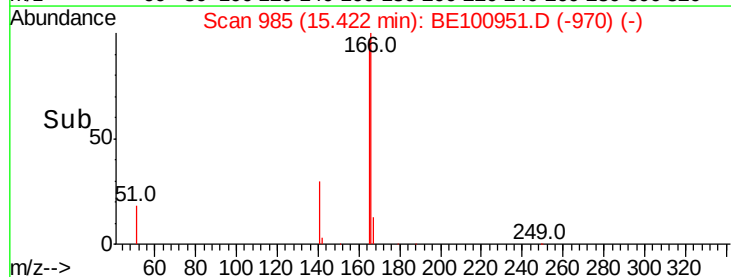
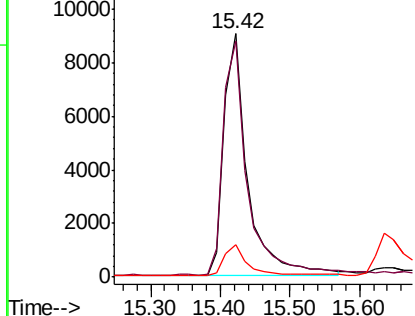


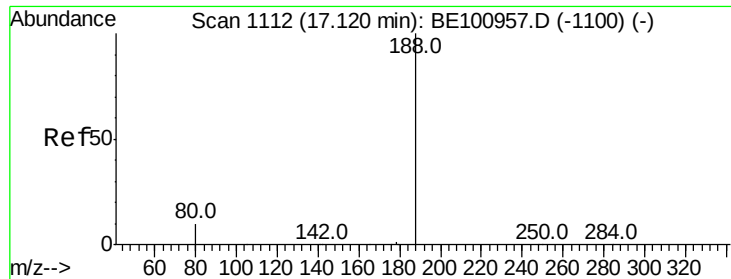
#18
Fluorene
Concen: 0.733 ng
RT: 15.42 min Scan# 985
Delta R.T. 0.00 min
Lab File: BE100951.D
Acq: 19 Dec 2019 18:22

Tgt Ion:166 Resp: 21415
Ion Ratio Lower Upper
166 100
165 98.2 79.0 118.4
167 12.9 10.6 16.0



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: BE100951.D

Acq: 19 Dec 2019 18:22

Instrument :

BNA_E

ClientSampleId :

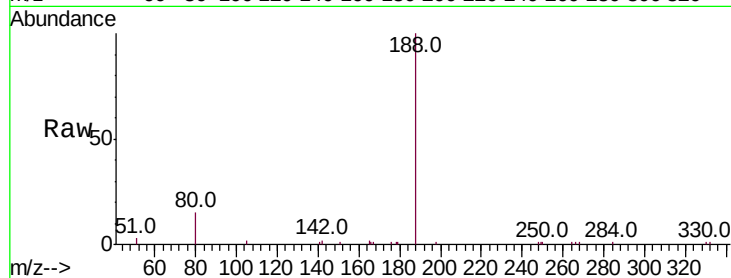
Tot Ion:188 Resp: 17555

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

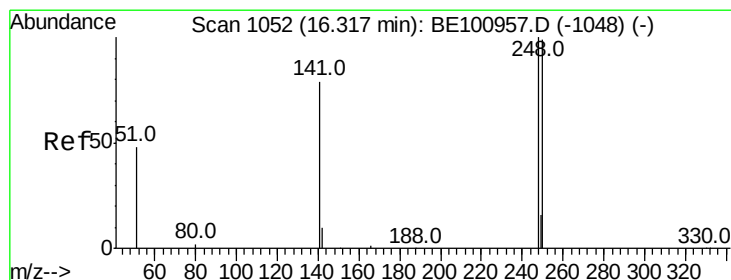
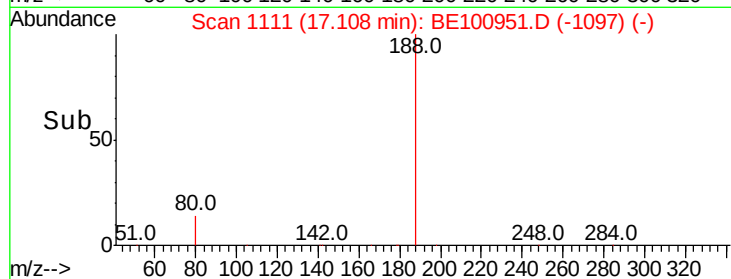
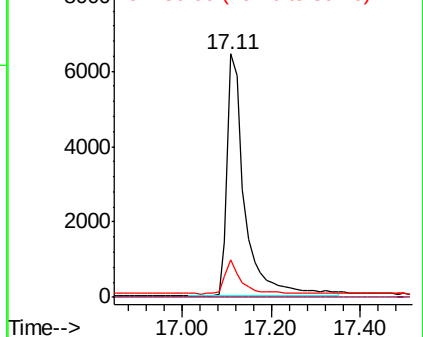
80 15.4 9.5 14.3#



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: 0.686 ng

RT: 16.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

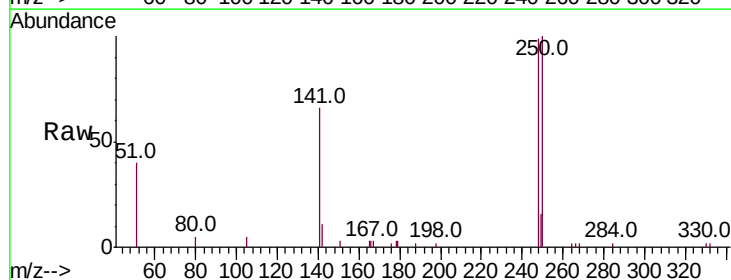
Tgt Ion:248 Resp: 5905

Ion Ratio Lower Upper

248 100

250 100.9 79.5 119.3

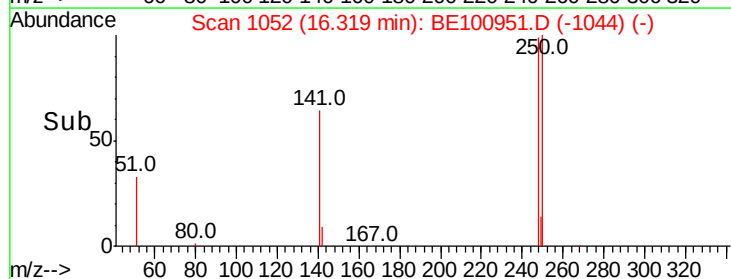
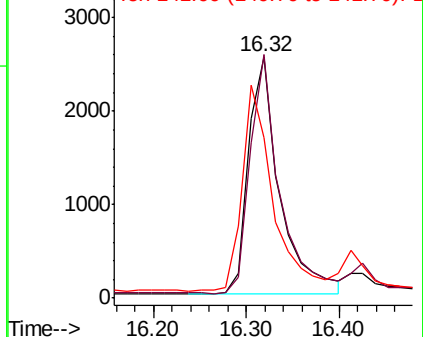
141 66.5 66.6 100.0#

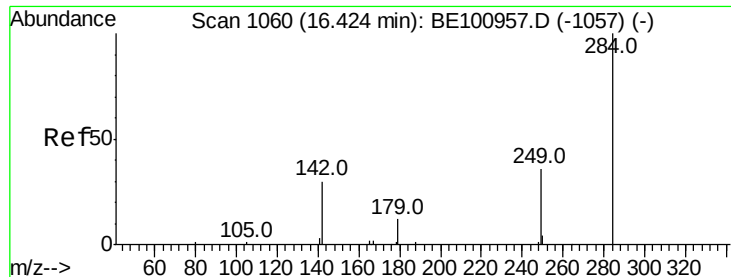


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

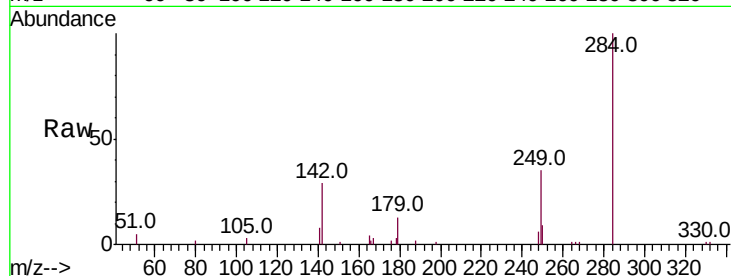




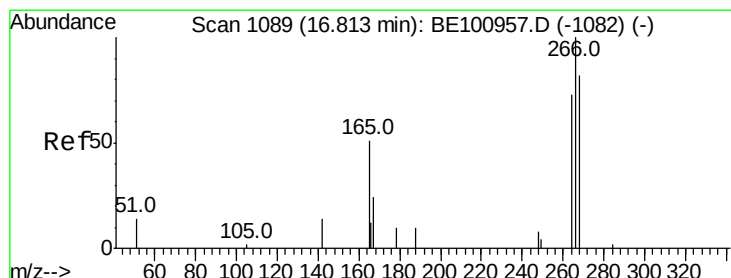
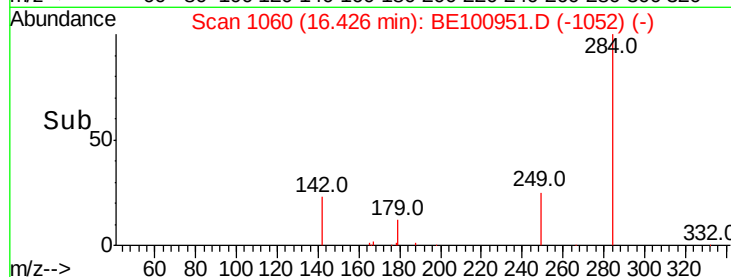
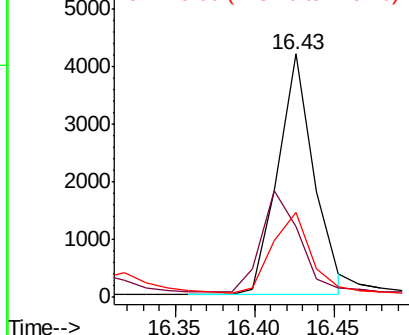
#21
Hexachlorobenzene
Concen: 0.704 ng
RT: 16.43 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BE100951.D
Acq: 19 Dec 2019 18:22

Instrument :
BNA_E
ClientSampled :

Tot Ion:284 Resp: 6587
Ion Ratio Lower Upper
284 100
142 43.5 33.8 50.6
249 34.7 26.7 40.1

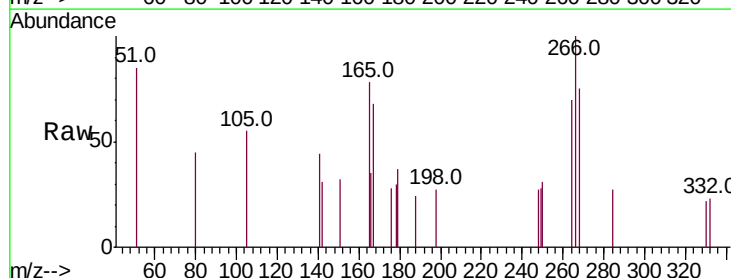


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

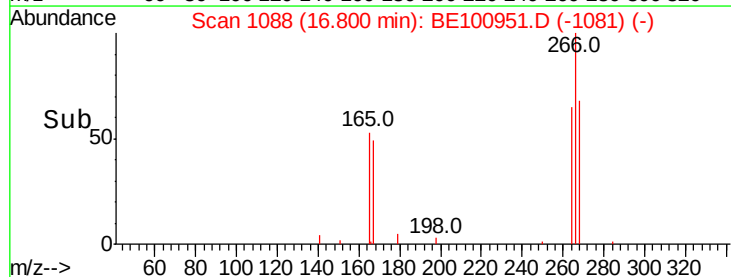
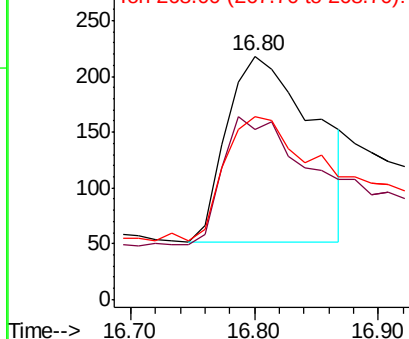


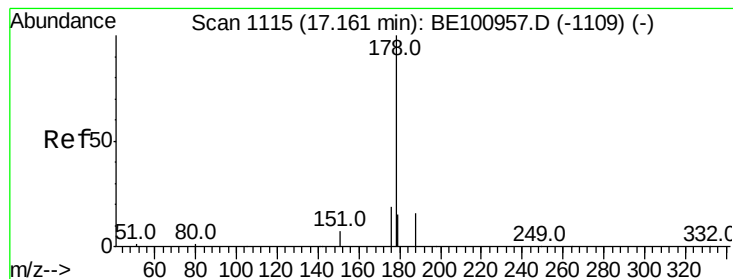
#22
Pentachlorophenol
Concen: 1.275 ng
RT: 16.80 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE100951.D
Acq: 19 Dec 2019 18:22

Tgt Ion:266 Resp: 825
Ion Ratio Lower Upper
266 100
264 69.7 64.5 96.7
268 75.2 74.6 111.8



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: 0.658 ng

RT: 17.16 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

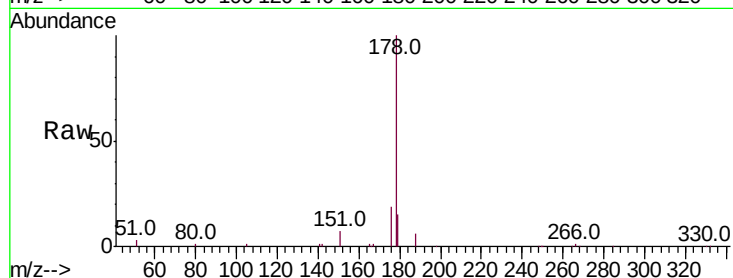
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 34998

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.1	12.5	18.7

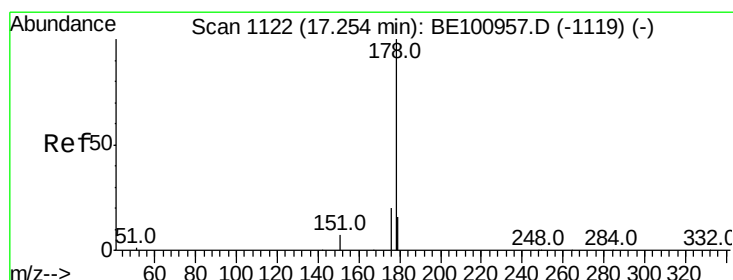
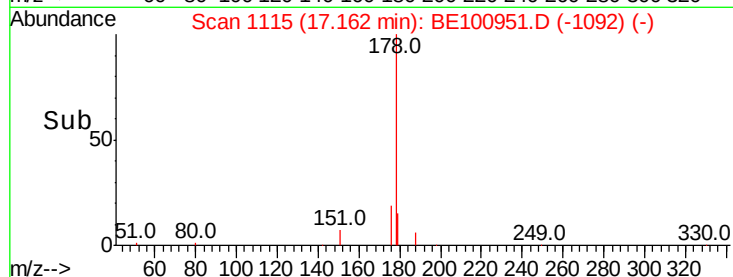
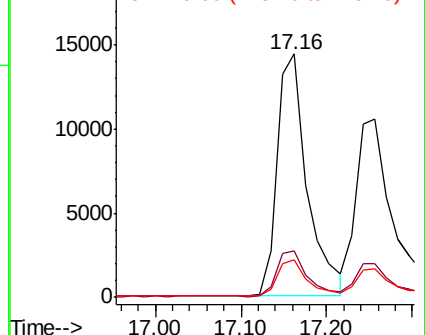


Abundance

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



#24

Anthracene

Concen: 0.550 ng

RT: 17.26 min Scan# 1122

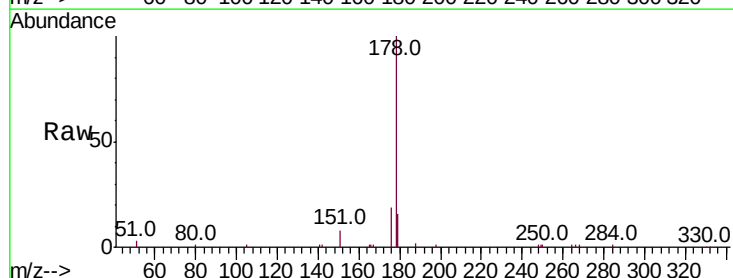
Delta R.T. 0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

Tgt Ion:178 Resp: 24475

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.7	23.5
179	15.3	12.0	18.0

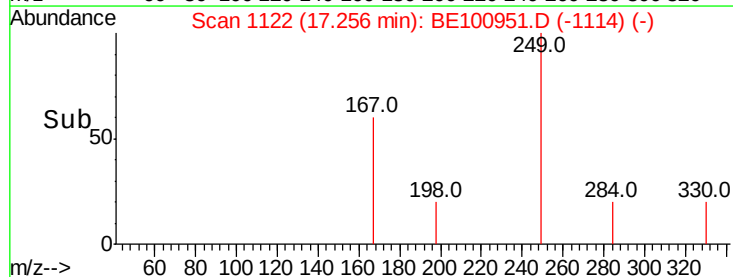
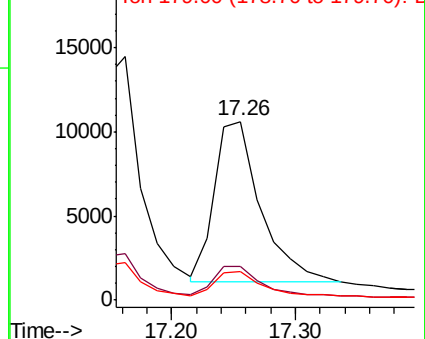


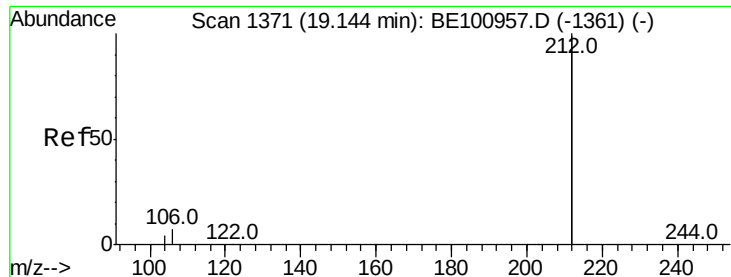
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.809 ng

RT: 19.14 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

Instrument :

BNA_E

ClientSampleId :

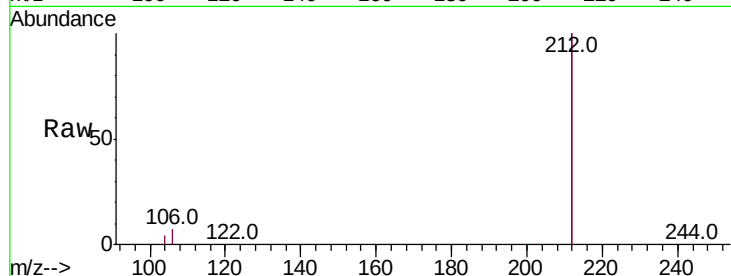
Tot Ion:212 Resp: 167823

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

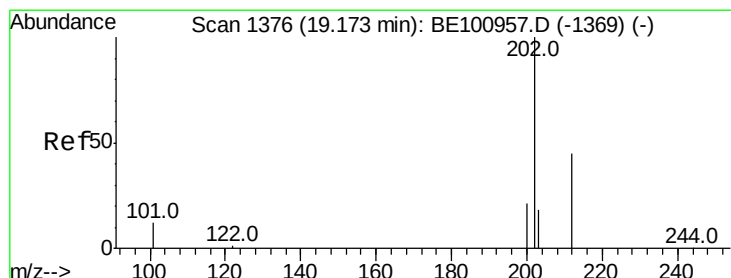
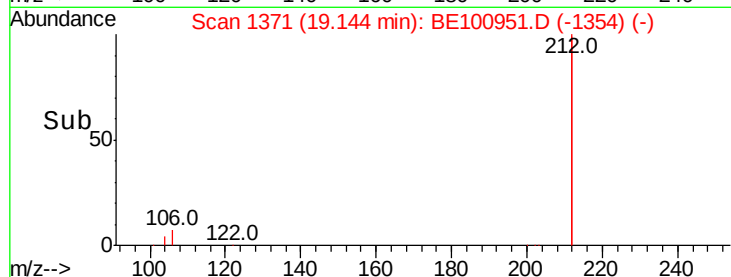
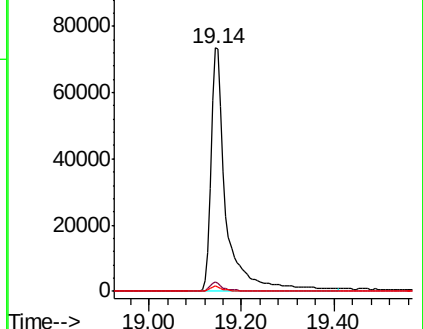
104 1.8 1.4 2.2



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: 0.756 ng

RT: 19.17 min Scan# 1376

Delta R.T. -0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

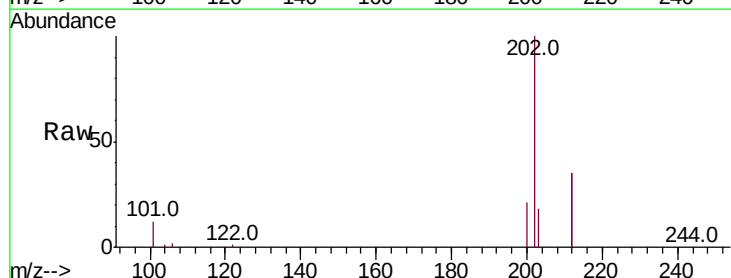
Tgt Ion:202 Resp: 48001

Ion Ratio Lower Upper

202 100

101 11.6 9.0 13.6

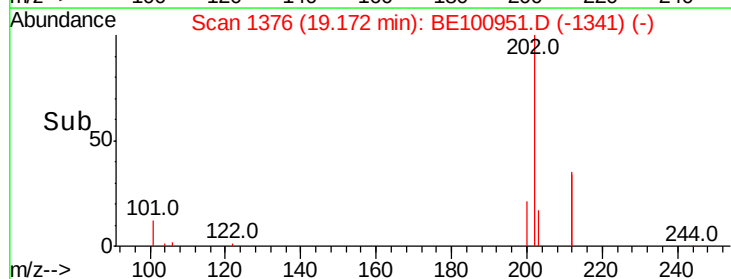
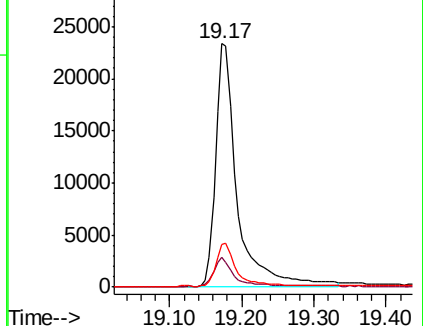
203 17.0 13.4 20.0

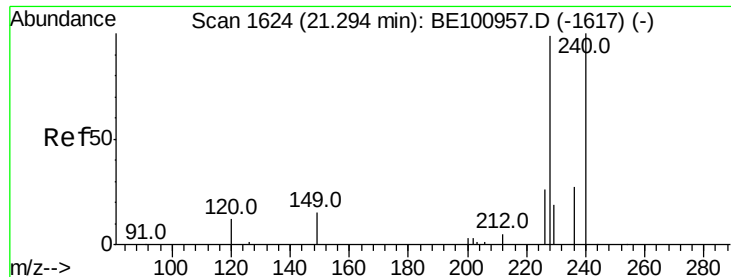


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE100951.D

Acq: 19 Dec 2019 18:22

Instrument :

BNA_E

ClientSampleId :

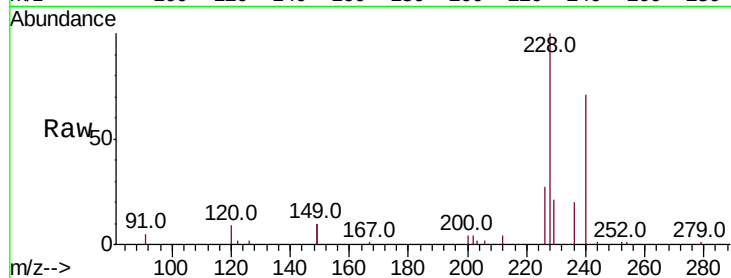
Tot Ion:240 Resp: 18455

Ion Ratio Lower Upper

240 100

120 12.8 11.5 17.3

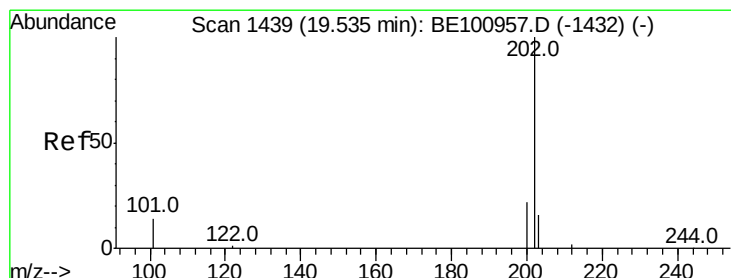
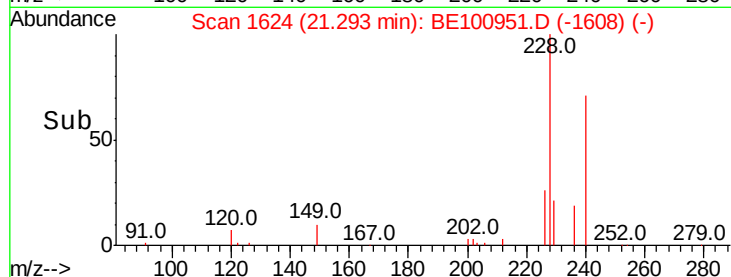
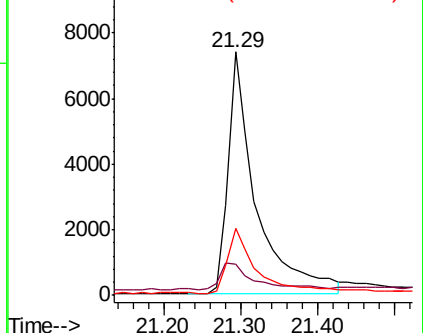
236 27.7 22.8 34.2



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: 0.839 ng

RT: 19.53 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

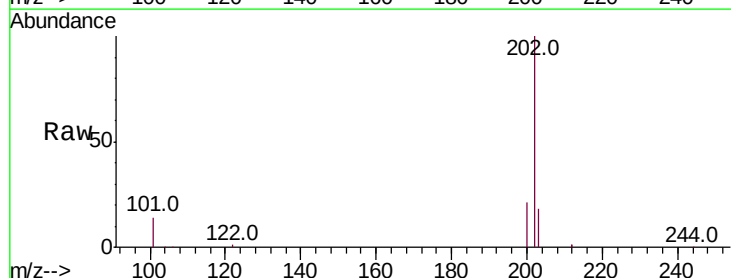
Tgt Ion:202 Resp: 50304

Ion Ratio Lower Upper

202 100

200 21.1 16.4 24.6

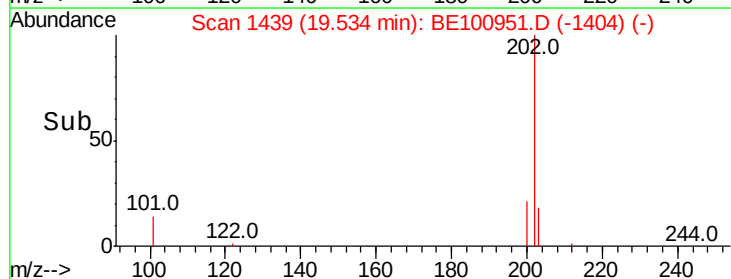
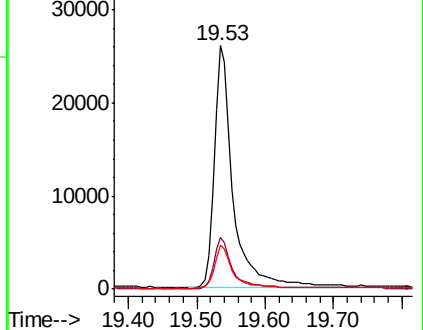
203 17.8 13.8 20.8

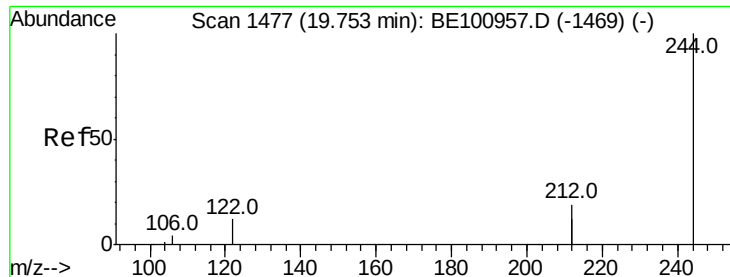


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.734 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

Instrument :

BNA_E

ClientSampleId :

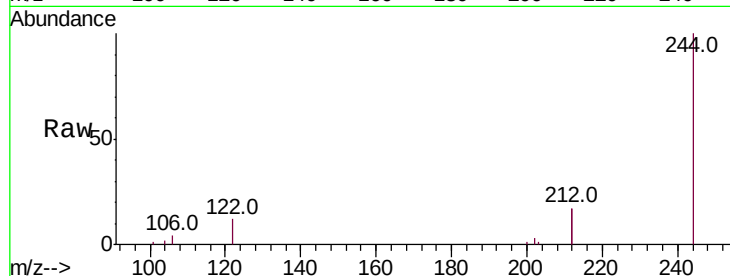
Tot Ion:244 Resp: 32435

Ion Ratio Lower Upper

244 100

212 33.4 30.2 45.2

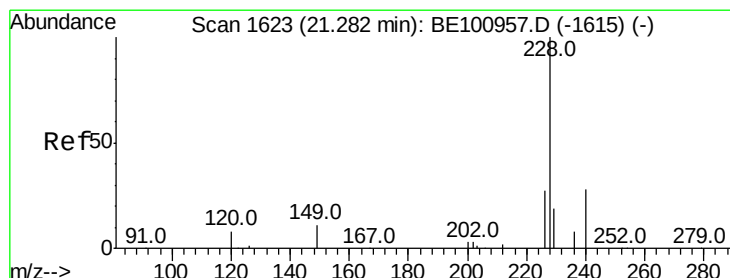
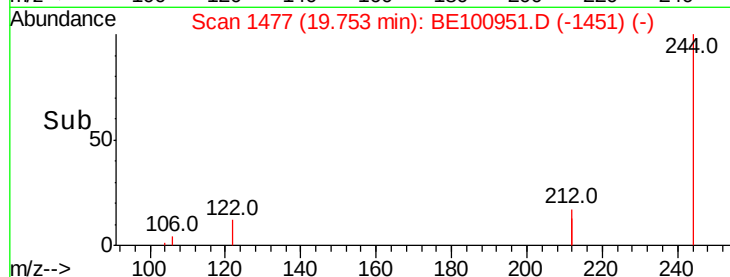
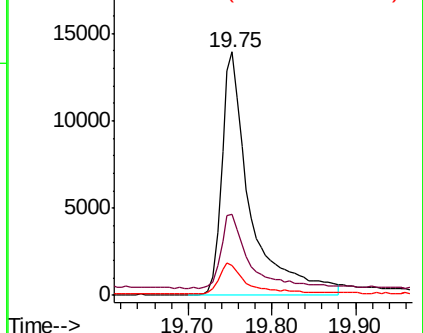
122 12.2 10.7 16.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.680 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

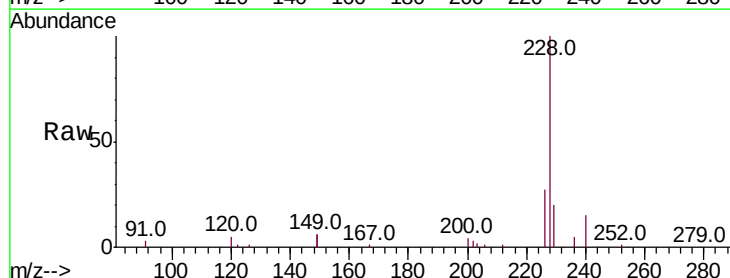
Tgt Ion:228 Resp: 37001

Ion Ratio Lower Upper

228 100

226 26.7 21.9 32.9

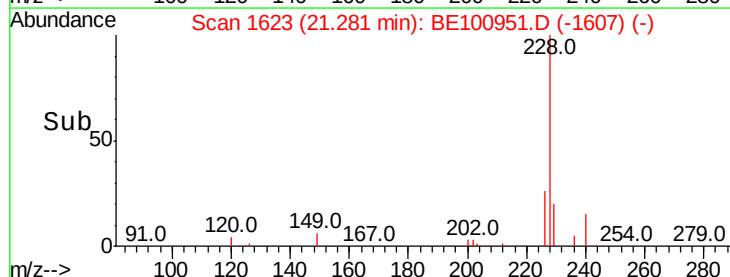
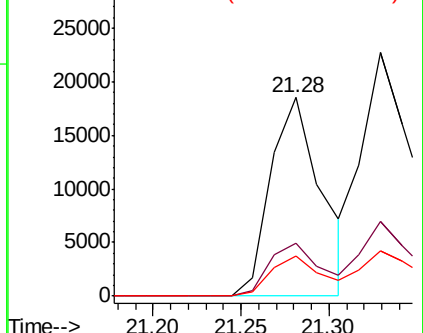
229 20.1 15.9 23.9

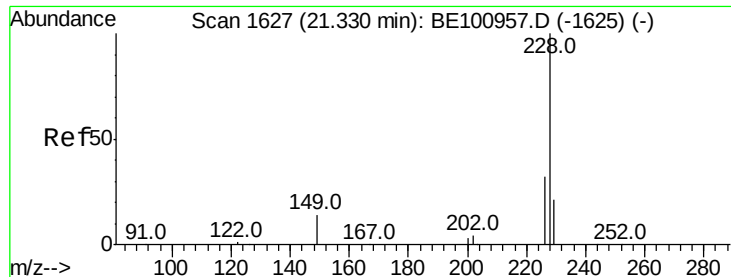


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.720 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

Instrument :

BNA_E

ClientSampleId :

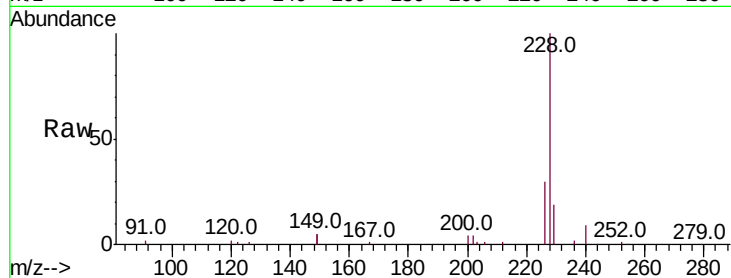
Tot Ion:228 Resp: 46026

Ion Ratio Lower Upper

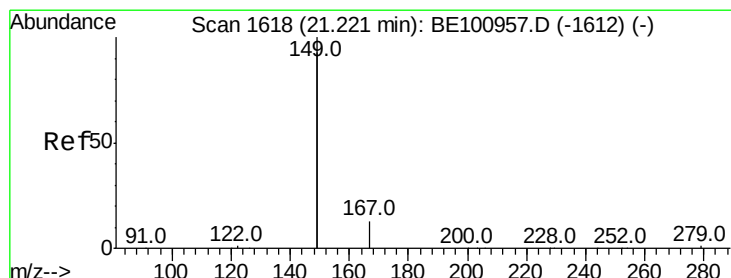
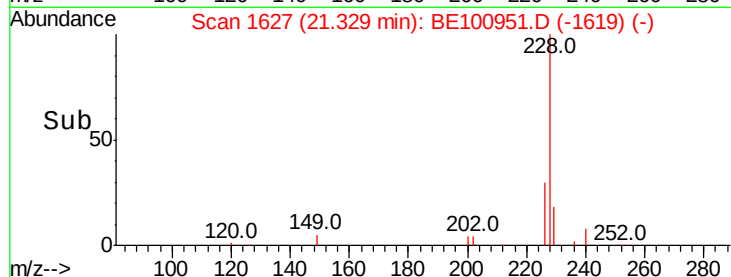
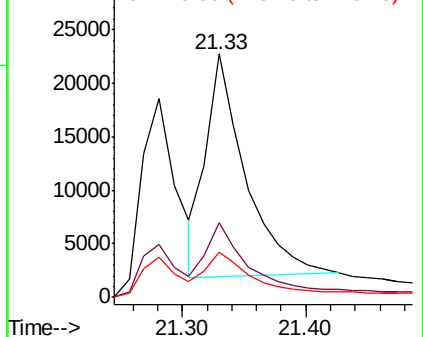
228 100

226 30.5 24.2 36.4

229 18.8 16.6 24.8



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: 2.341 ng

RT: 21.22 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

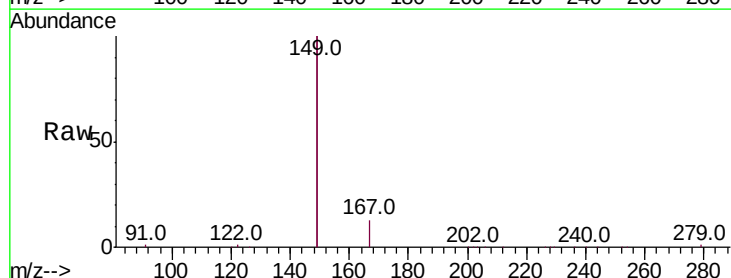
Tgt Ion:149 Resp: 115401

Ion Ratio Lower Upper

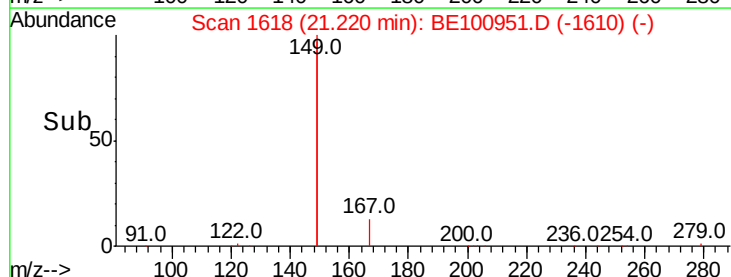
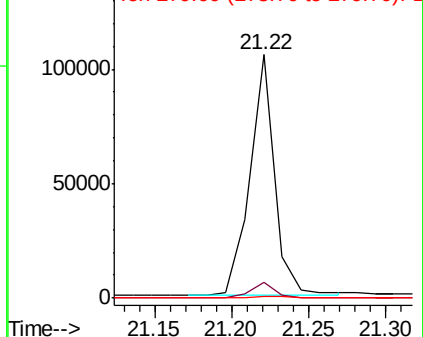
149 100

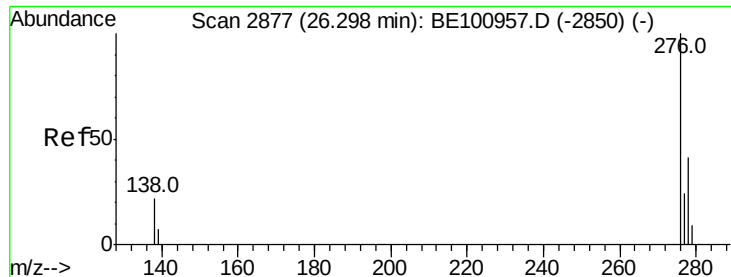
167 6.4 5.0 7.6

279 0.8 0.7 1.1



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

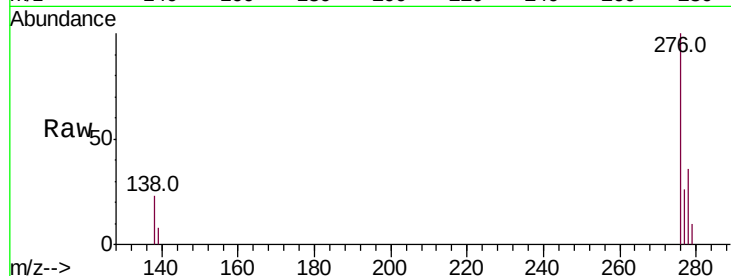




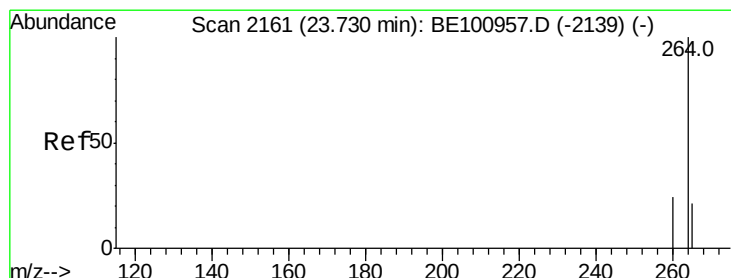
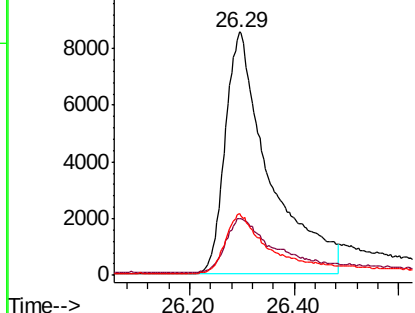
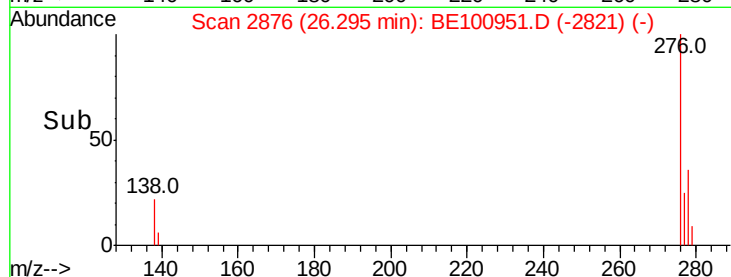
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.896 ng
 RT: 26.29 min Scan# 2876
 Delta R.T. -0.00 min
 Lab File: BE100951.D
 Acq: 19 Dec 2019 18:22

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 49877
 Ion Ratio Lower Upper
 276 100
 138 18.7 9.0 13.4#
 277 22.6 5.9 8.9#

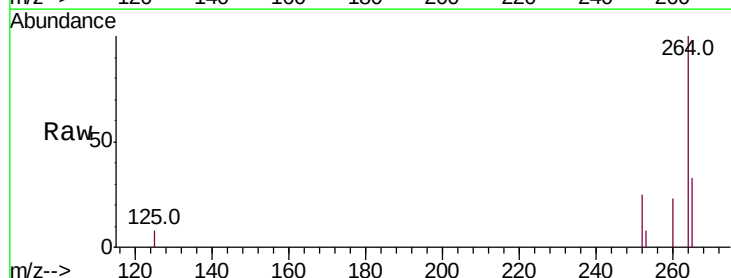


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

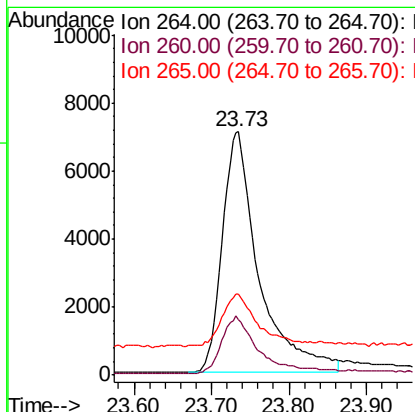
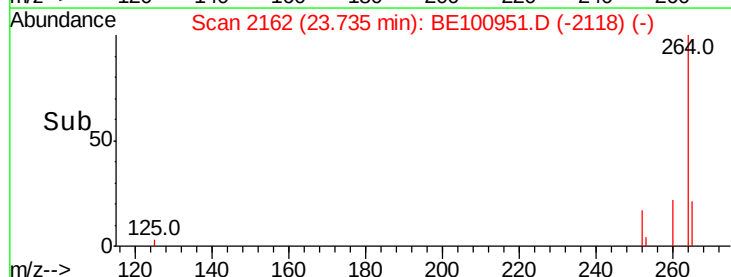


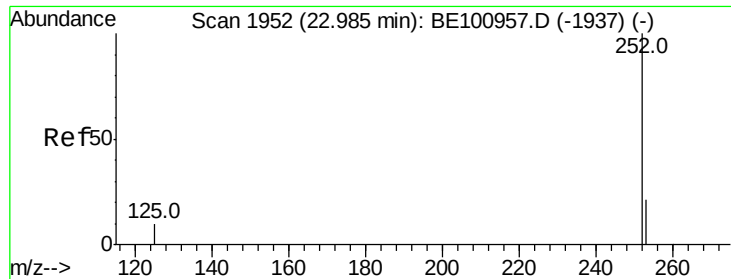
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.73 min Scan# 2162
 Delta R.T. 0.01 min
 Lab File: BE100951.D
 Acq: 19 Dec 2019 18:22

Tgt Ion:264 Resp: 23290
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.2
 265 33.1 26.4 39.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.604 ng

RT: 22.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

Instrument :

BNA_E

ClientSampleId :

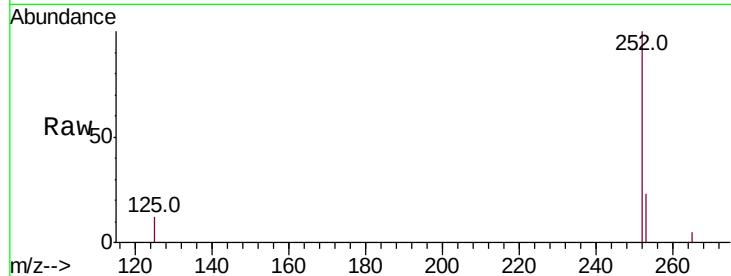
Tot Ion:252 Resp: 38485

Ion Ratio Lower Upper

252 100

253 23.0 18.6 27.8

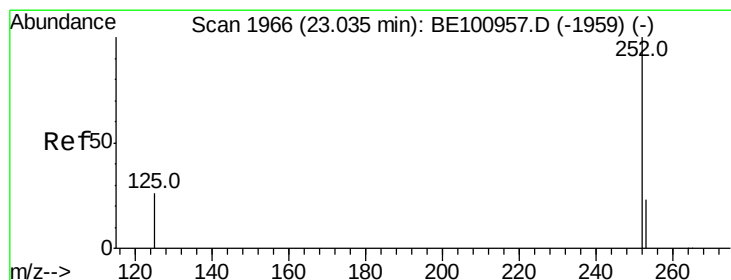
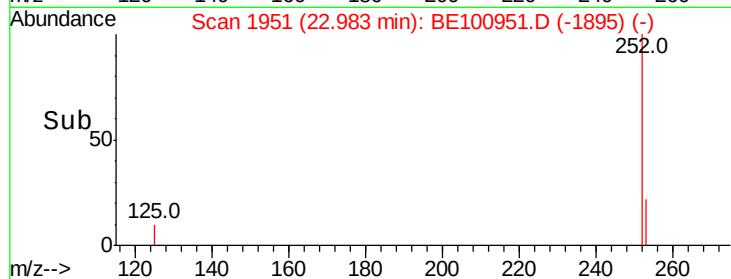
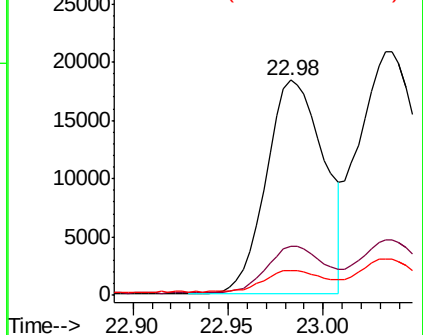
125 11.6 10.2 15.2



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



#36

Benzo(k)fluoranthene

Concen: 0.903 ng

RT: 23.04 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

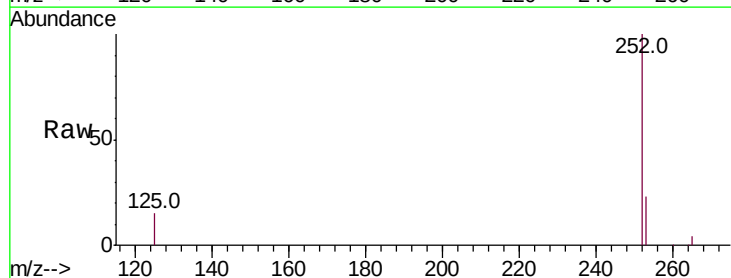
Tgt Ion:252 Resp: 64591

Ion Ratio Lower Upper

252 100

253 22.9 19.2 28.8

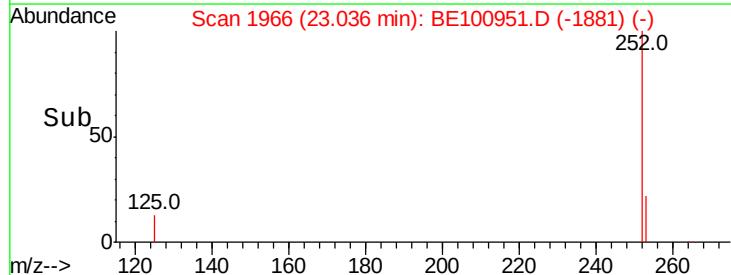
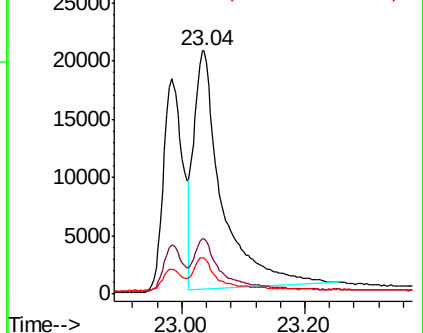
125 14.6 17.9 26.9#

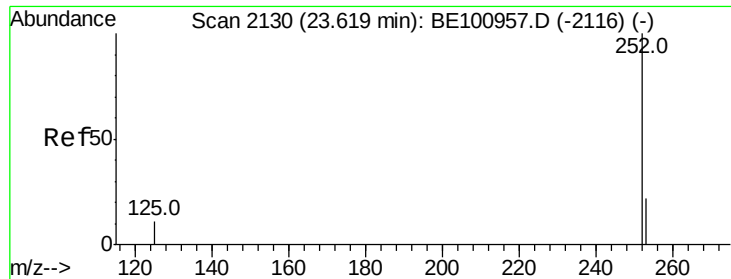


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.855 ng

RT: 23.62 min Scan# 2131

Delta R.T. 0.01 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

Instrument :

BNA_E

ClientSampleId :

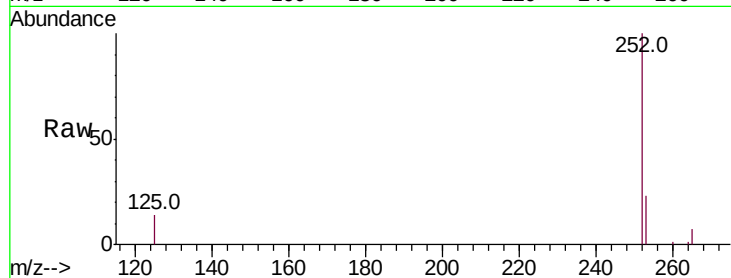
Tot Ion:252 Resp: 47220

Ion Ratio Lower Upper

252 100

253 23.2 19.9 29.9

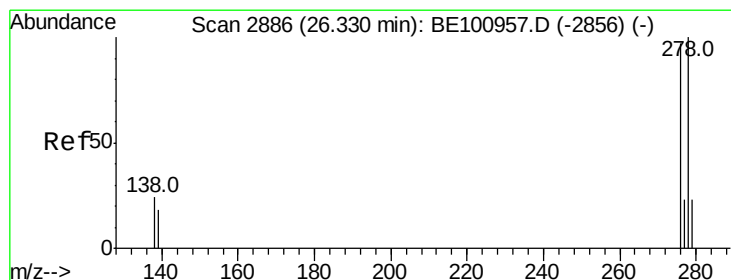
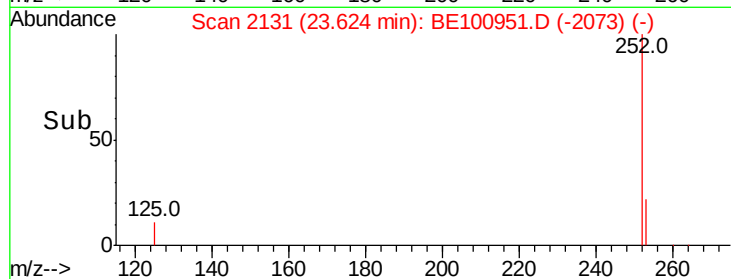
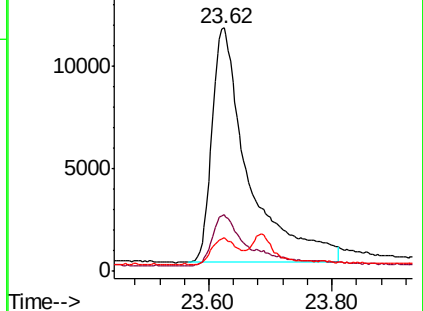
125 13.8 12.3 18.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.657 ng

RT: 26.32 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

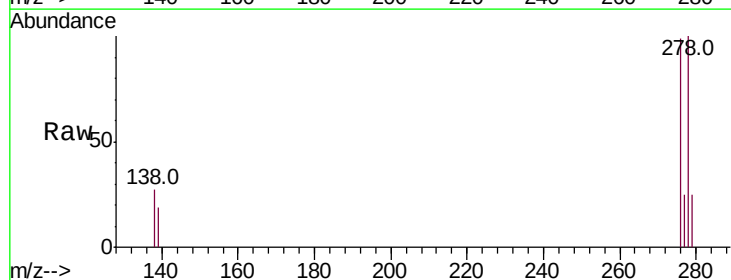
Tgt Ion:278 Resp: 36057

Ion Ratio Lower Upper

278 100

139 18.7 17.0 25.6

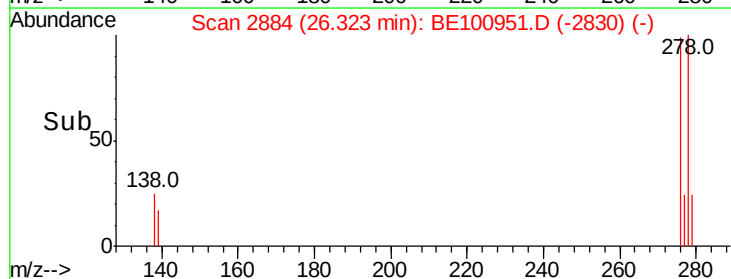
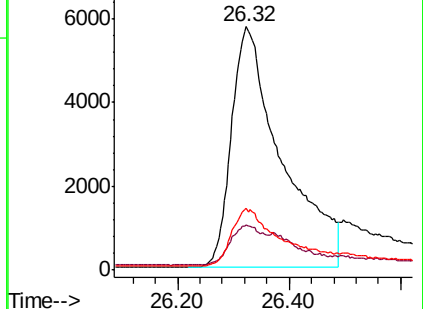
279 25.4 21.1 31.7

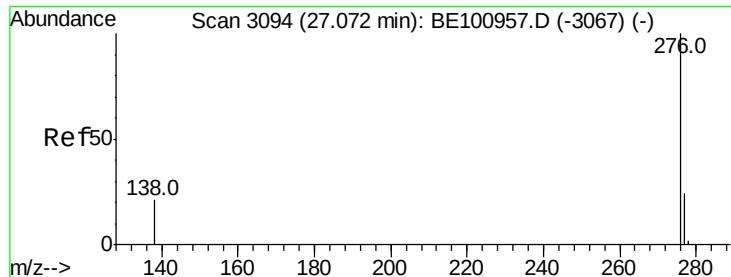


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.804 ng

RT: 27.08 min Scan# 3095

Delta R.T. 0.00 min

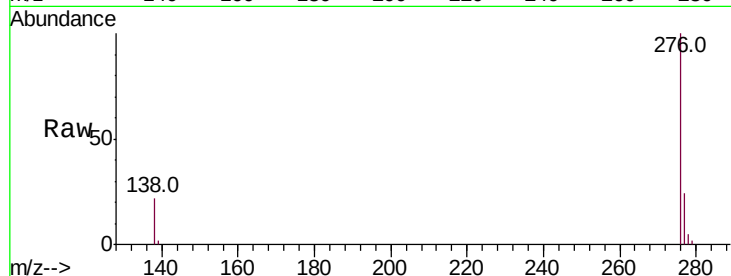
Lab File: BE100951.D

Acq: 19 Dec 2019 18:22

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 47189

Ion Ratio Lower Upper

276 100

277 23.7 19.9 29.9

138 21.9 18.4 27.6

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

