

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122419\
 Data File : BE100968.D
 Acq On : 24 Dec 2019 11:02
 Operator : JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 24 13:03:33 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	2437	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	12349	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	7481	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	16533	0.40	ng	0.00
27) Chrysene-d12	21.29	240	17168	0.40	ng	0.00
34) Perylene-d12	23.73	264	20584	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	2617	0.60	ng	0.00
5) Phenol-d6	6.95	99	3287	0.62	ng	-0.03
8) Nitrobenzene-d5	8.90	82	4331	0.66	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	13435	0.72	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	1175	0.64	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	20857	0.79	ng	0.00
25) Fluoranthene-d10	19.14	212	152876	0.74	ng	0.00
29) Terphenyl-d14	19.75	244	30408	0.78	ng	0.00

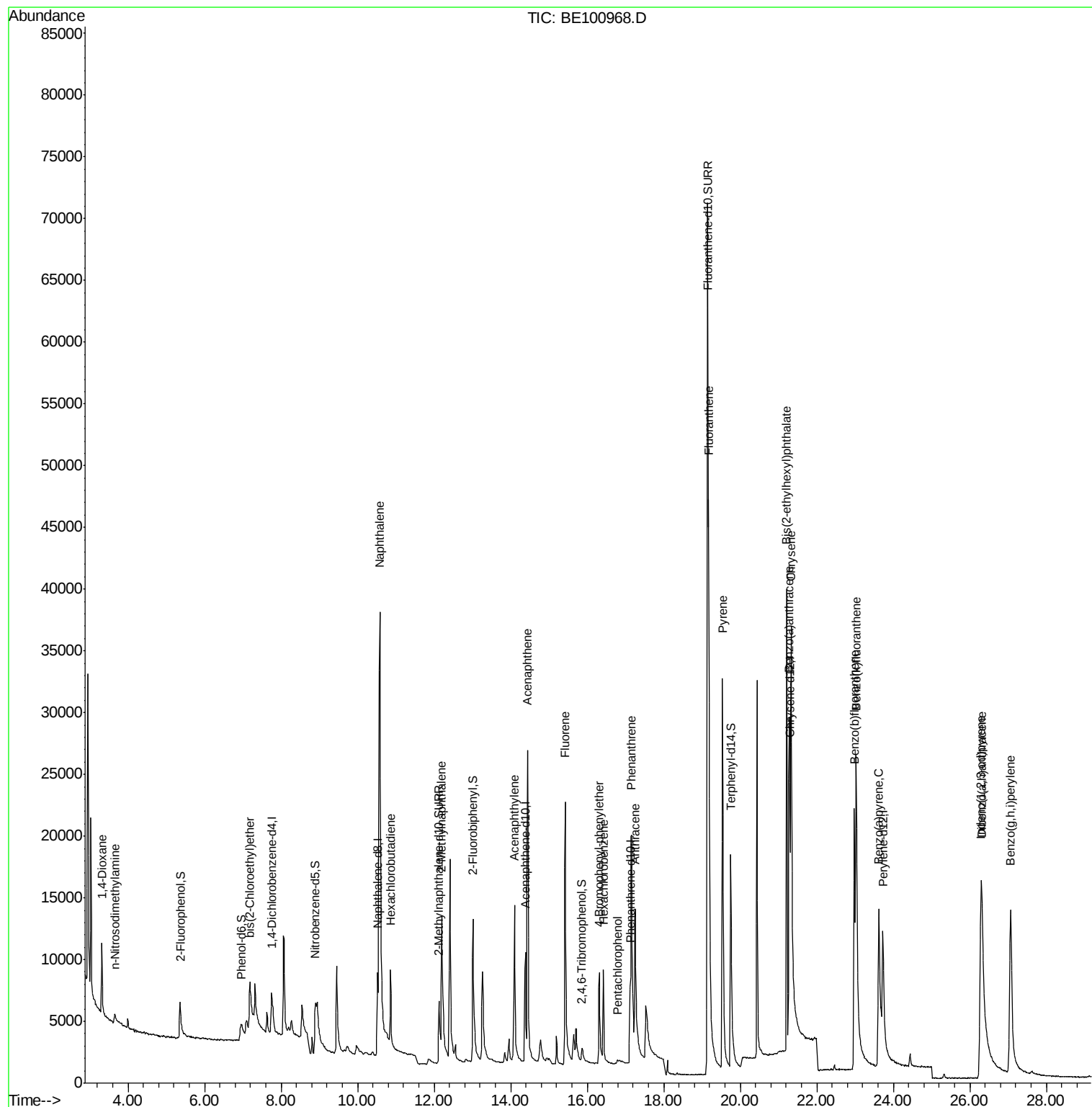
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	5393	0.581	ng	97
3) n-Nitrosodimethylamine	3.65	42	903	0.338	ng	# 55
6) bis(2-Chloroethyl)ether	7.18	93	4968	0.797	ng	74
9) Naphthalene	10.58	128	100106	0.751	ng	99
10) Hexachlorobutadiene	10.86	225	4338	0.761	ng	99
12) 2-Methylnaphthalene	12.19	142	13830	0.737	ng	99
16) Acenaphthylene	14.10	152	20188	0.655	ng	100
17) Acenaphthene	14.44	154	15584	0.743	ng	99
18) Fluorene	15.42	166	19513	0.736	ng	100
20) 4-Bromophenyl-phenylether	16.32	248	5367	0.730	ng	94
21) Hexachlorobenzene	16.42	284	6516	0.777	ng	99
22) Pentachlorophenol	16.80	266	485	0.391	ng	99
23) Phenanthrene	17.16	178	32169	0.746	ng	99
24) Anthracene	17.25	178	21388	0.739	ng	99
26) Fluoranthene	19.17	202	44414	0.742	ng	99
28) Pyrene	19.54	202	46152	0.752	ng	100
30) Benzo(a)anthracene	21.28	228	31557	0.701	ng	98
31) Chrysene	21.33	228	40584	0.716	ng	99
32) Bis(2-ethylhexyl)phthalate	21.21	149	55003	0.388	ng	100
33) Indeno(1,2,3-cd)pyrene	26.29	276	44613	0.752	ng	# 93
35) Benzo(b)fluoranthene	22.98	252	34850	0.763	ng	99
36) Benzo(k)fluoranthene	23.03	252	60610	0.995	ng	98
37) Benzo(a)pyrene	23.62	252	37962	0.730	ng	95
38) Dibenzo(a,h)anthracene	26.31	278	33502	0.765	ng	97
39) Benzo(g,h,i)perylene	27.07	276	42158	0.779	ng	98

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

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Instrument :
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ClientSampled :

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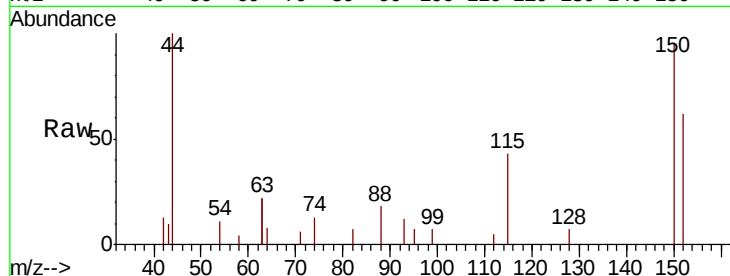


#1

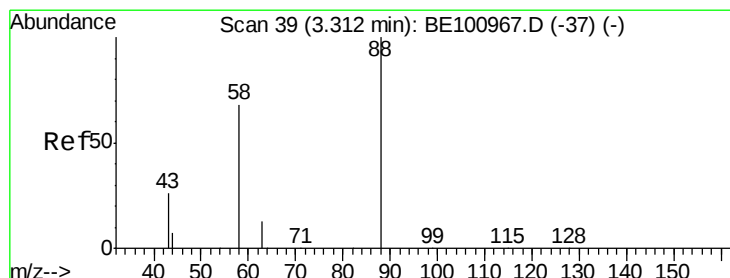
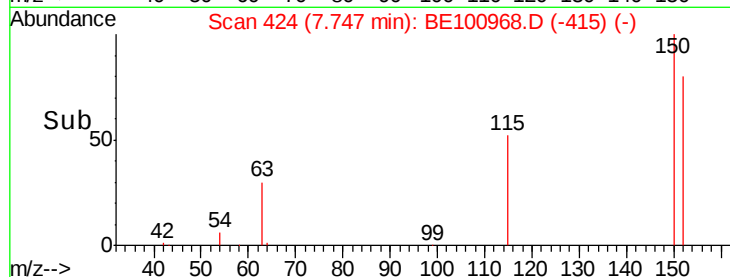
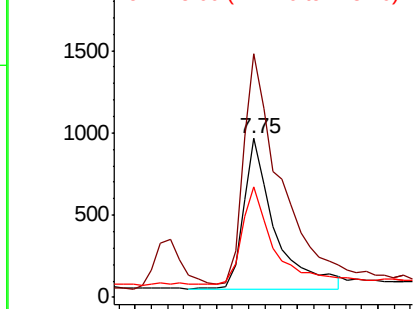
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100968.D
Acq: 24 Dec 2019 11:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2437
Ion Ratio Lower Upper
152 100
150 153.2 132.6 199.0
115 69.7 64.1 96.1



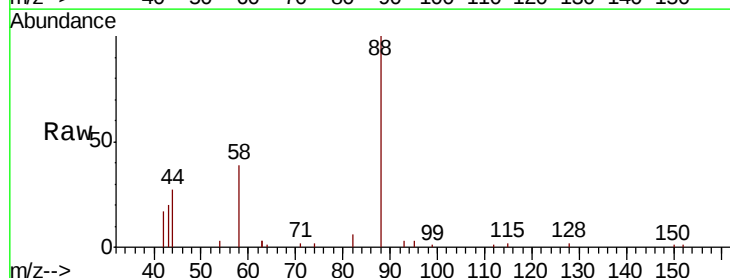
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



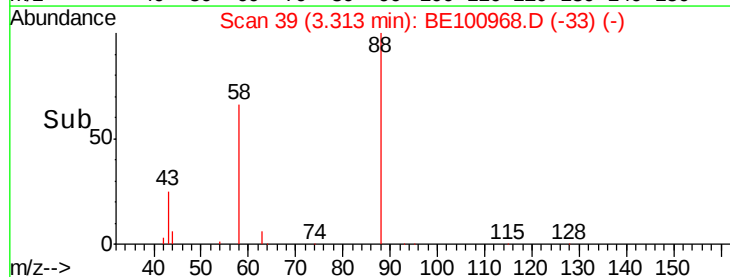
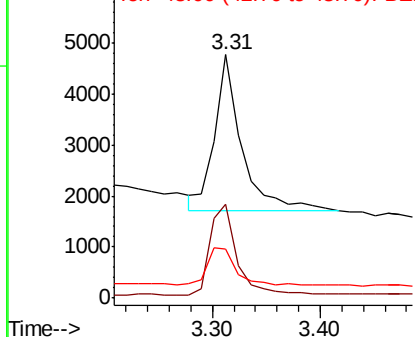
#2

1,4-Dioxane
Concen: 0.581 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100968.D
Acq: 24 Dec 2019 11:02

Tgt Ion: 88 Resp: 5393
Ion Ratio Lower Upper
88 100
58 57.3 44.2 66.4
43 24.1 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: 0.338 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.02 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

Instrument :

BNA_E

ClientSampleId :

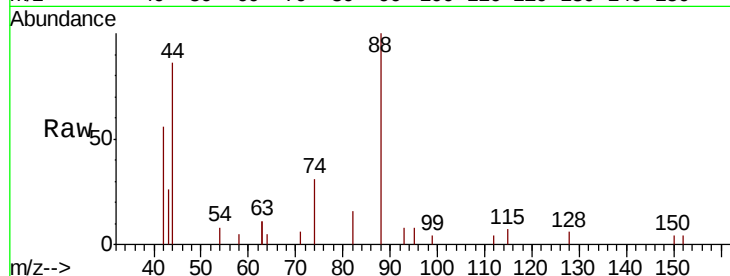
Tot Ion: 42 Resp: 903

Ion Ratio Lower Upper

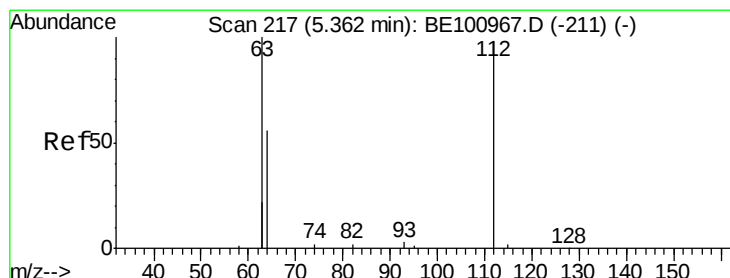
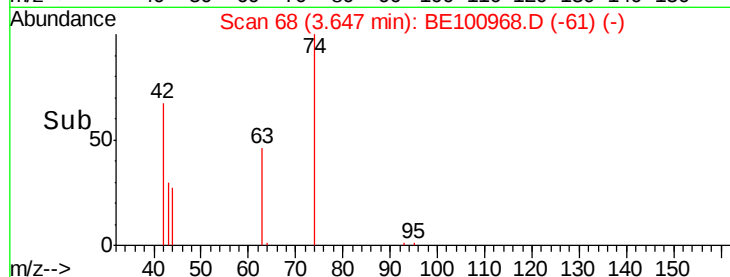
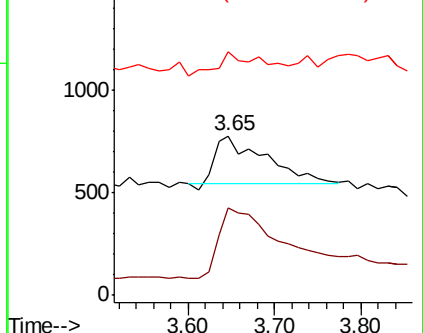
42 100

74 201.6 116.6 174.8#

44 23.4 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: 0.602 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

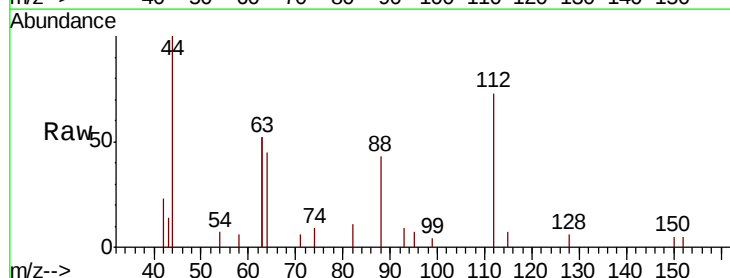
Tgt Ion: 112 Resp: 2617

Ion Ratio Lower Upper

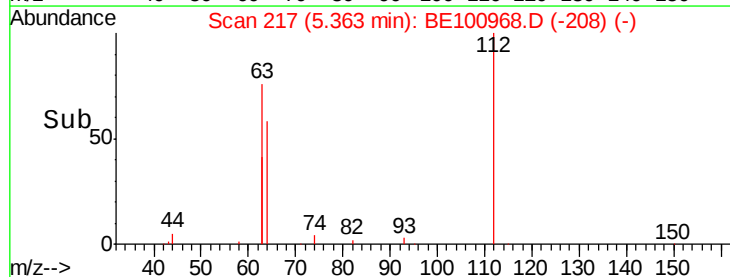
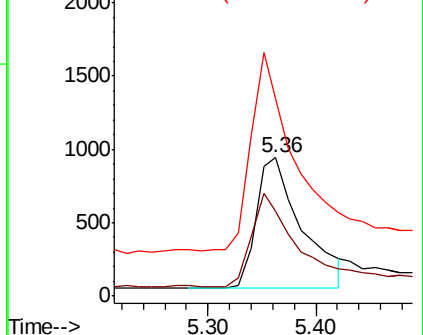
112 100

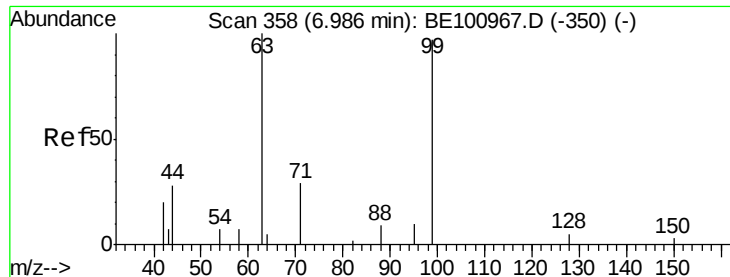
64 69.8 59.0 88.6

63 146.4 121.4 182.0



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: 0.620 ng

RT: 6.95 min Scan# 355

Delta R.T. -0.03 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

Instrument :

BNA_E

ClientSampleId :

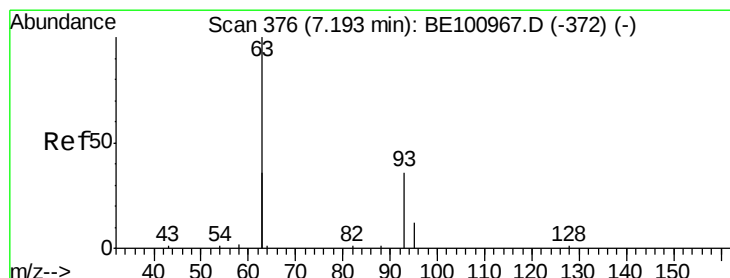
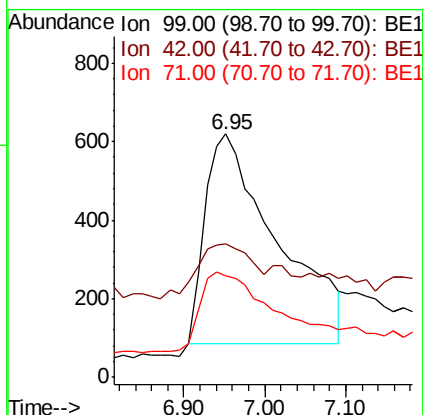
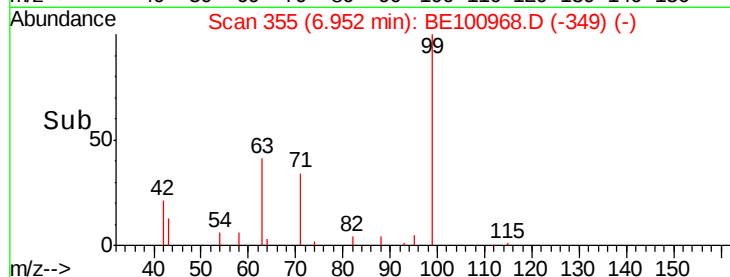
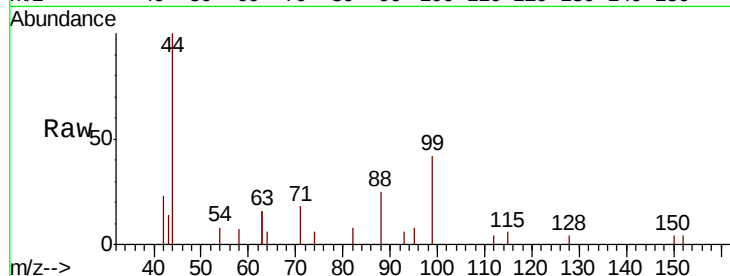
Tot Ion: 99 Resp: 3287

Ion Ratio Lower Upper

99 100

42 11.4 0.0 0.0#

71 33.7 0.0 0.0#



#6

bis(2-Chloroethyl)ether

Concen: 0.797 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

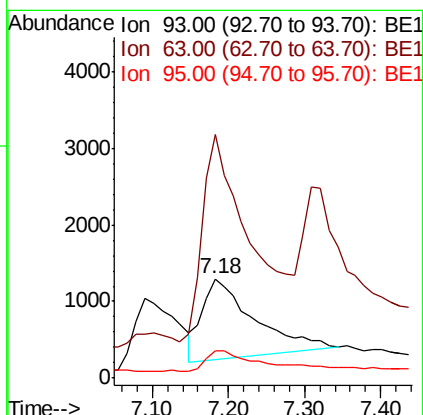
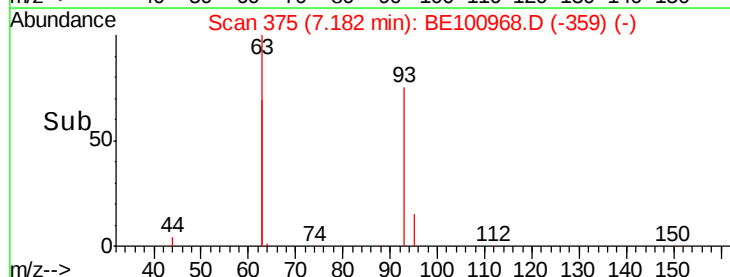
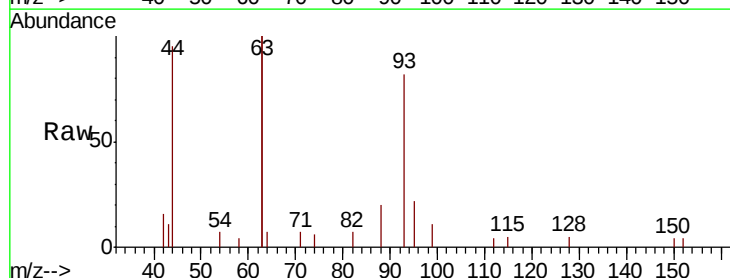
Tgt Ion: 93 Resp: 4968

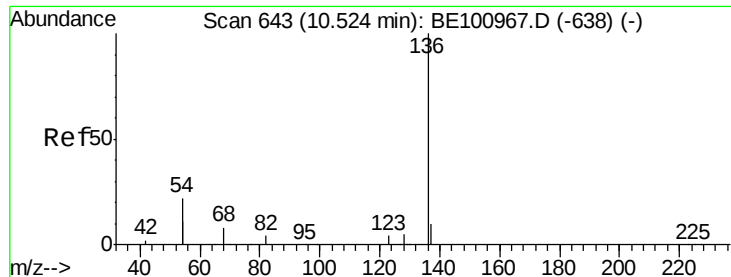
Ion Ratio Lower Upper

93 100

63 231.1 228.3 342.5

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: BE100968.D

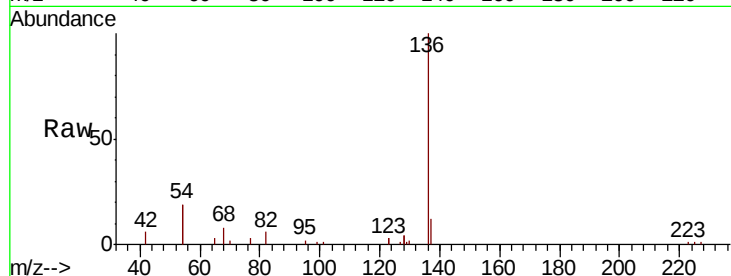
Acq: 24 Dec 2019 11:02

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136	Resp:	12349
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.0 13.6
54	38.2	34.4 51.6
68	7.7	7.8 11.6#

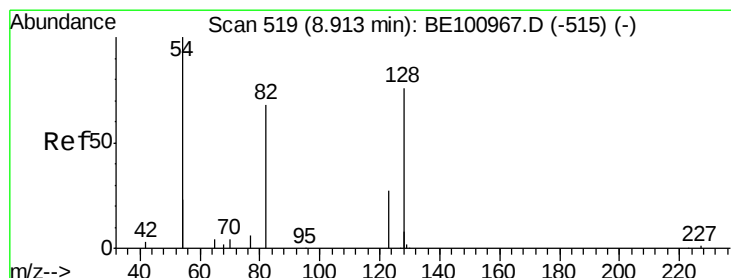
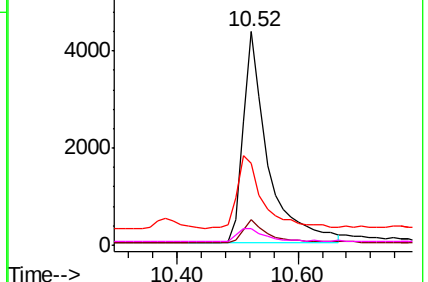
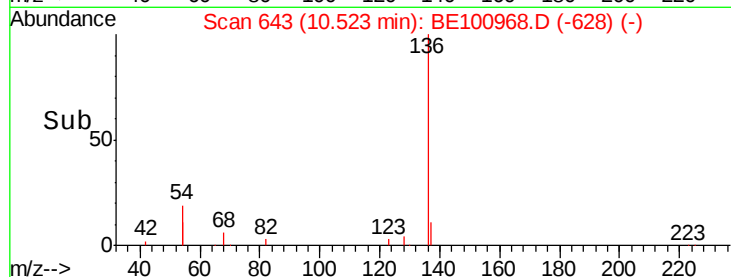


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.663 ng

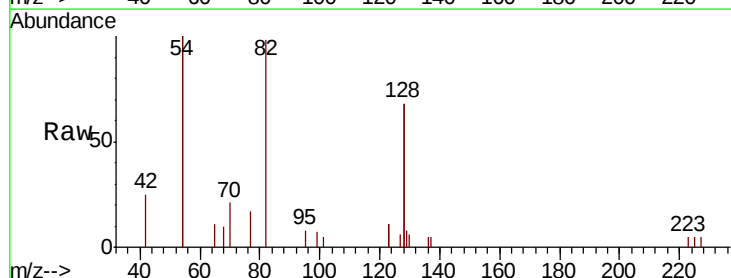
RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

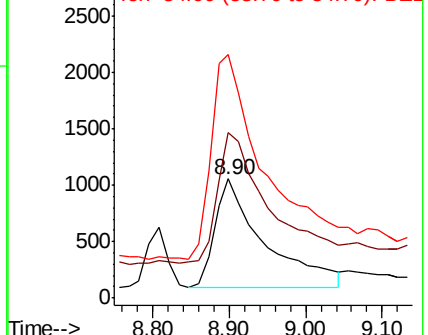
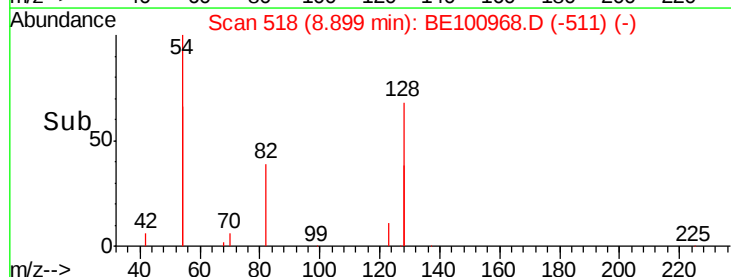
Tgt Ion: 82	Resp:	4331
Ion Ratio	Lower	Upper
82	100	
128	139.4	140.2 210.2#
54	204.9	183.8 275.6

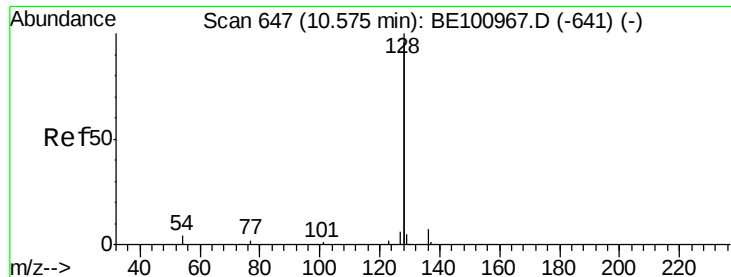


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

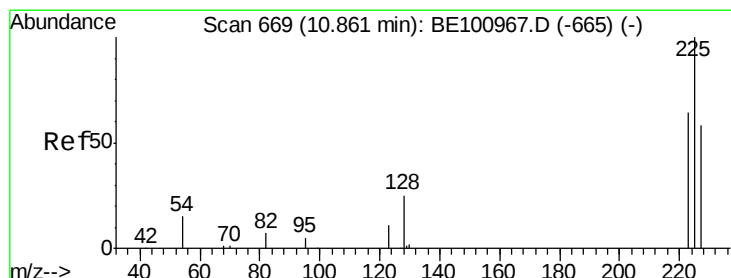
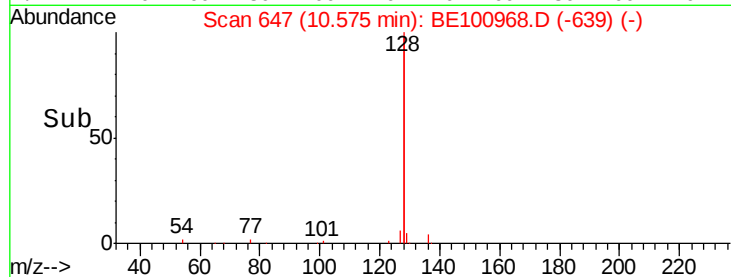
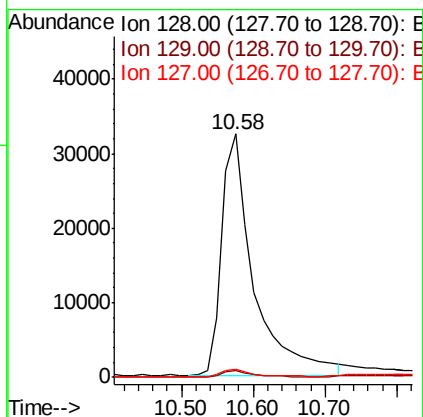
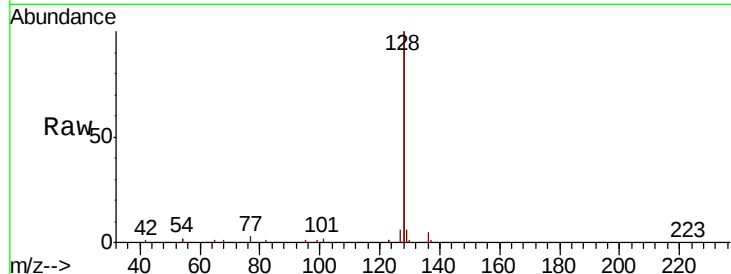




#9
Naphthalene
Concen: 0.751 ng
RT: 10.58 min Scan# 647
Delta R.T. -0.00 min
Lab File: BE100968.D
Acq: 24 Dec 2019 11:02

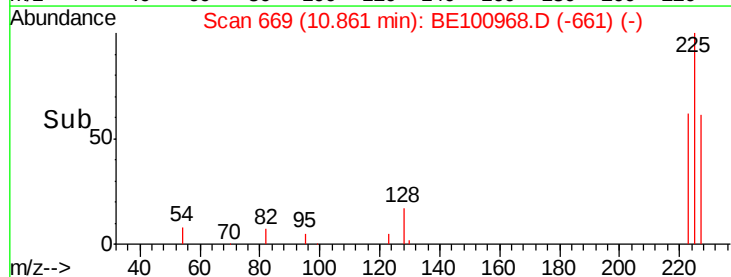
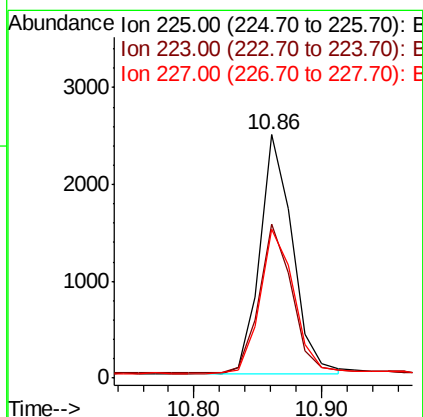
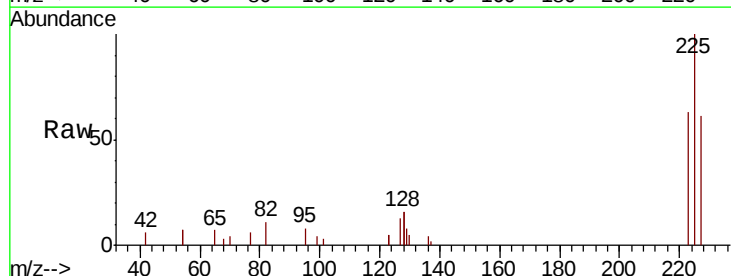
Instrument :
BNA_E
ClientSampleId :

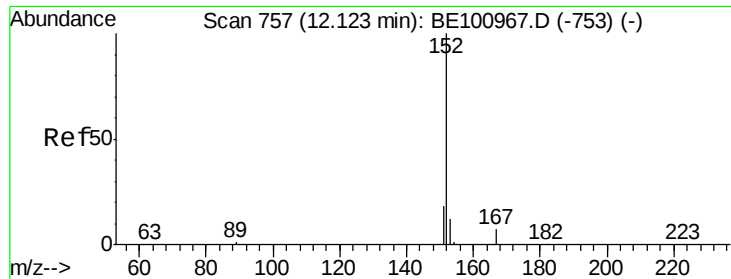
Tot Ion:128 Resp: 100106
Ion Ratio Lower Upper
128 100
129 2.9 2.6 3.8
127 3.2 2.8 4.2



#10
Hexachlorobutadiene
Concen: 0.761 ng
RT: 10.86 min Scan# 669
Delta R.T. -0.00 min
Lab File: BE100968.D
Acq: 24 Dec 2019 11:02

Tgt Ion:225 Resp: 4338
Ion Ratio Lower Upper
225 100
223 62.7 51.4 77.0
227 63.2 50.2 75.2

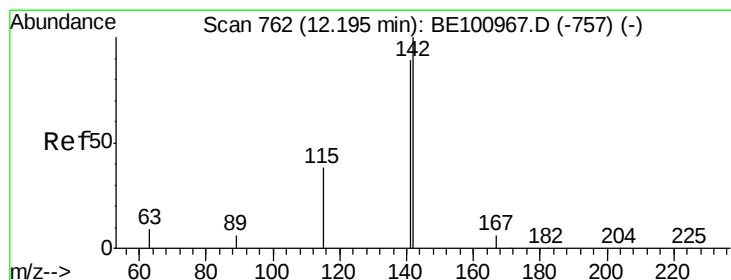
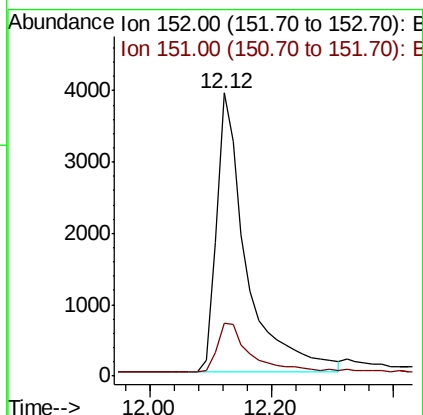
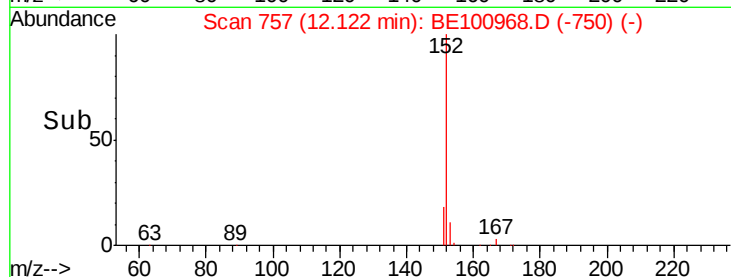
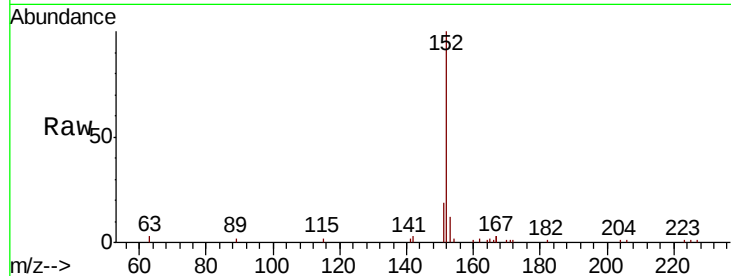




#11
 2-Methylnaphthalene-d10
 Concen: 0.723 ng
 RT: 12.12 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BE100968.D
 Acq: 24 Dec 2019 11:02

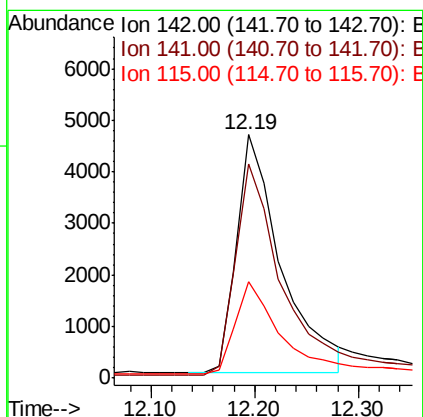
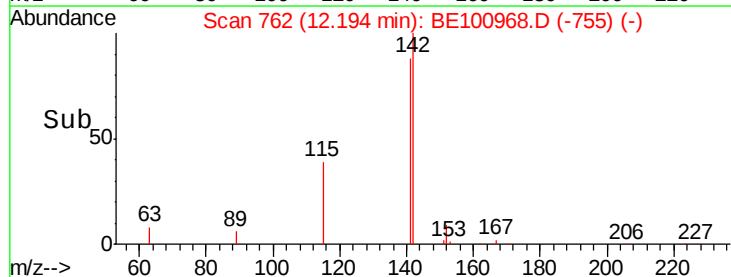
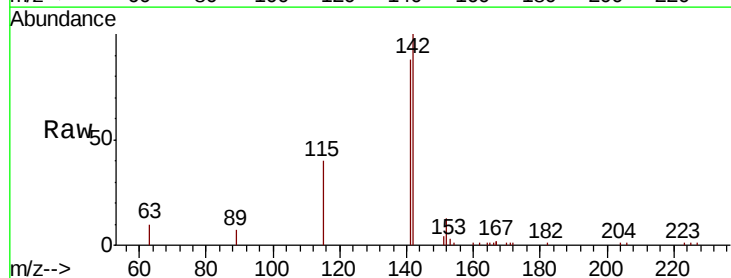
Instrument :
 BNA_E
 ClientSampleId :

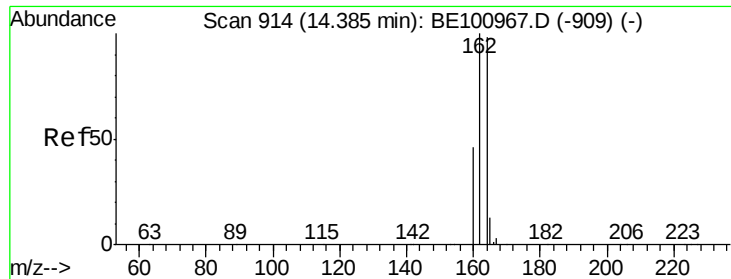
Tot Ion:152 Resp: 13435
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.737 ng
 RT: 12.19 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE100968.D
 Acq: 24 Dec 2019 11:02

Tgt Ion:142 Resp: 13830
 Ion Ratio Lower Upper
 142 100
 141 87.9 70.8 106.2
 115 39.7 32.0 48.0

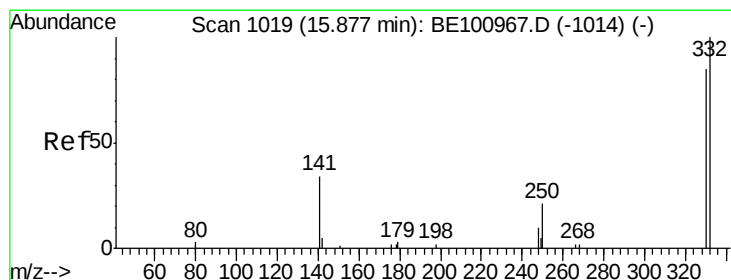
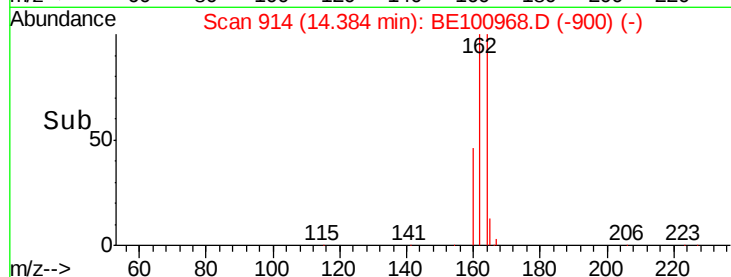
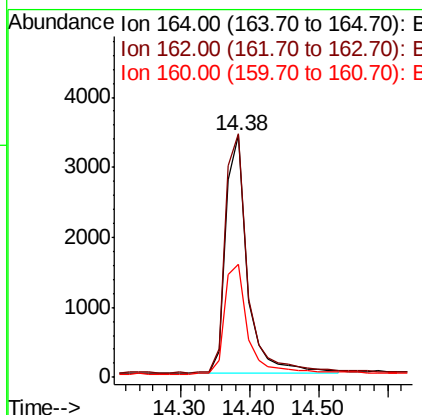
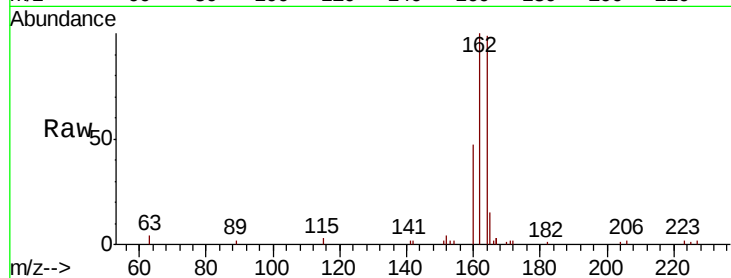




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 914
Delta R.T. -0.00 min
Lab File: BE100968.D
Acq: 24 Dec 2019 11:02

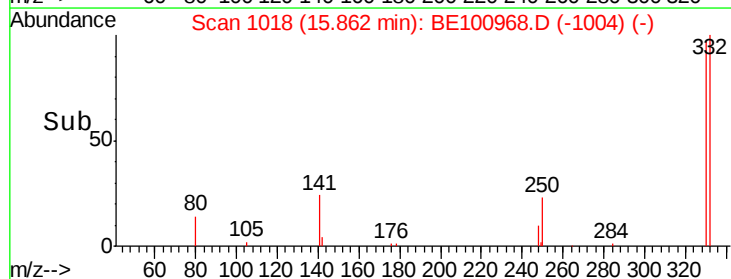
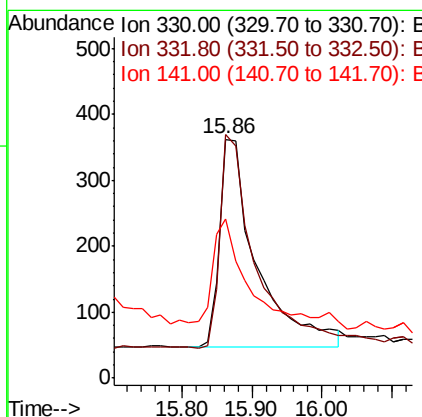
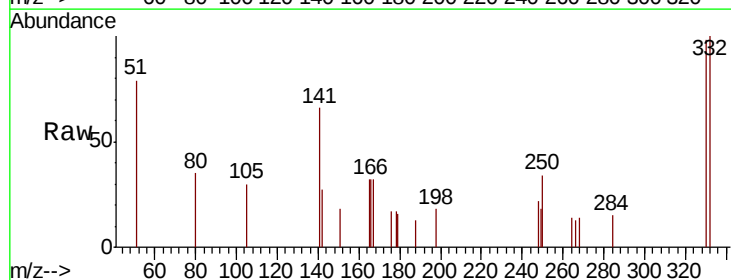
Instrument :
BNA_E
ClientSampleId :

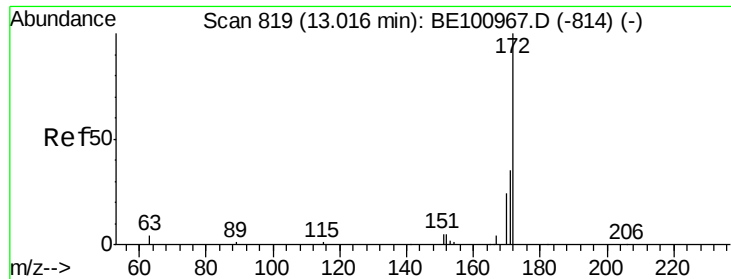
Tot Ion:164 Resp: 7481
Ion Ratio Lower Upper
164 100
162 100.7 81.6 122.4
160 47.0 37.7 56.5



#14
2,4,6-Tribromophenol
Concen: 0.640 ng
RT: 15.86 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE100968.D
Acq: 24 Dec 2019 11:02

Tgt Ion:330 Resp: 1175
Ion Ratio Lower Upper
330 100
332 98.2 72.4 108.6
141 42.9 25.4 38.2#

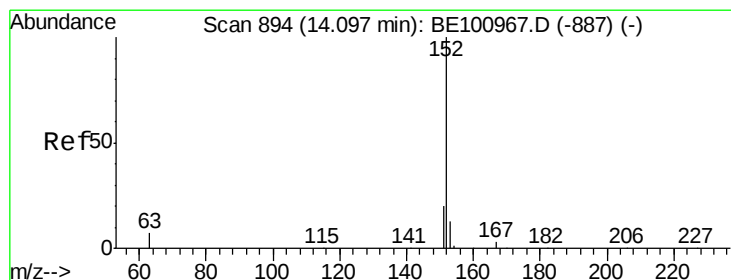
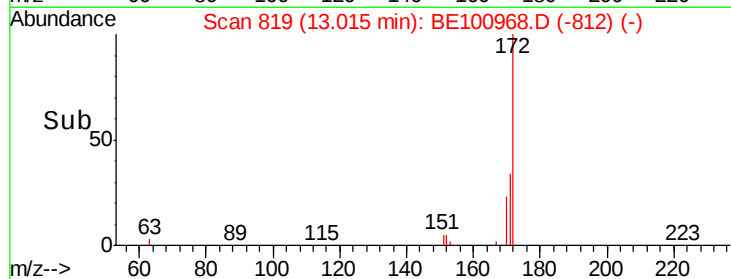
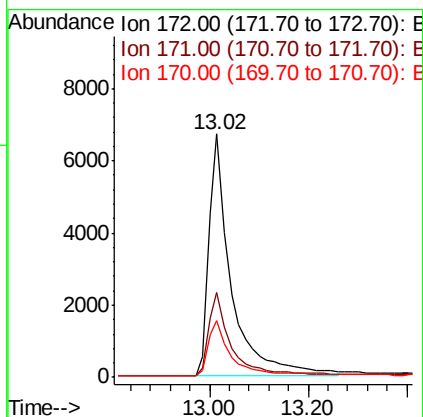
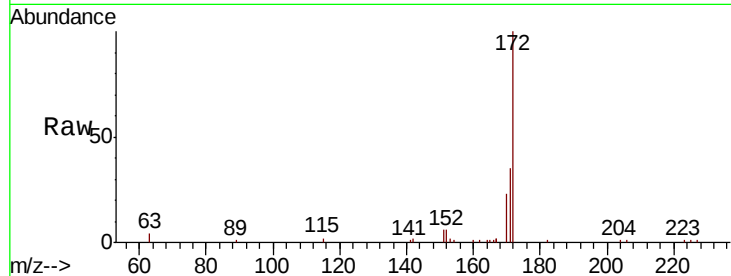




#15
2-Fluorobiphenyl
Concen: 0.788 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.00 min
Lab File: BE100968.D
Acq: 24 Dec 2019 11:02

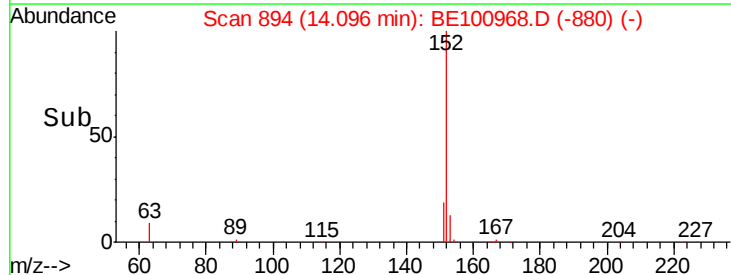
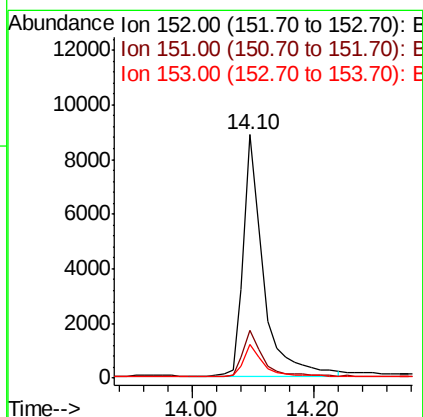
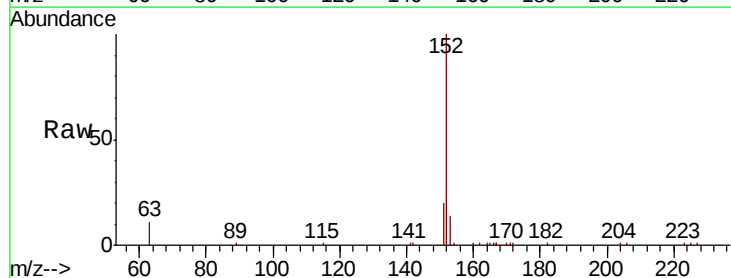
Instrument :
BNA_E
ClientSampleId :

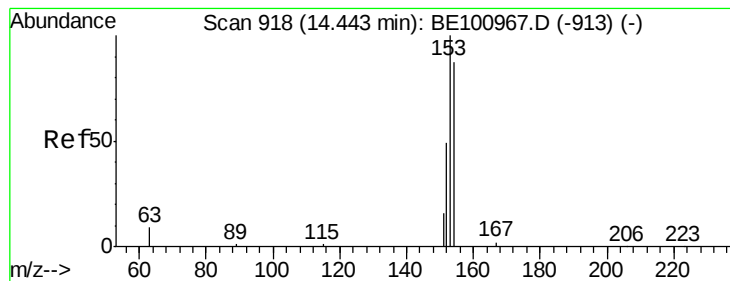
Tot Ion:172 Resp: 20857
Ion Ratio Lower Upper
172 100
171 34.7 29.0 43.6
170 23.3 20.0 30.0



#16
Acenaphthylene
Concen: 0.655 ng
RT: 14.10 min Scan# 894
Delta R.T. -0.00 min
Lab File: BE100968.D
Acq: 24 Dec 2019 11:02

Tgt Ion:152 Resp: 20188
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 13.4 10.5 15.7





#17

Acenaphthene

Concen: 0.743 ng

RT: 14.44 min Scan# 918

Delta R.T. -0.00 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

Instrument :

BNA_E

ClientSampleId :

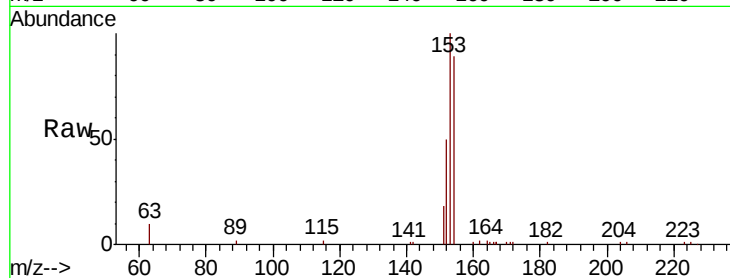
Tot Ion:154 Resp: 15584

Ion Ratio Lower Upper

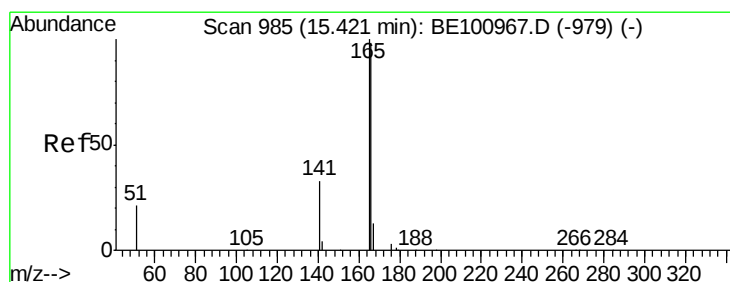
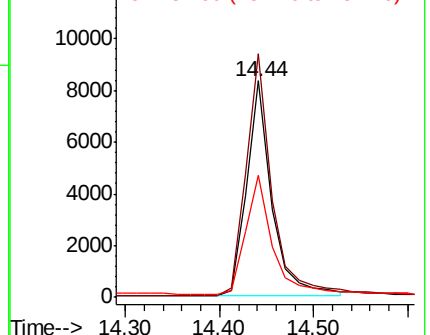
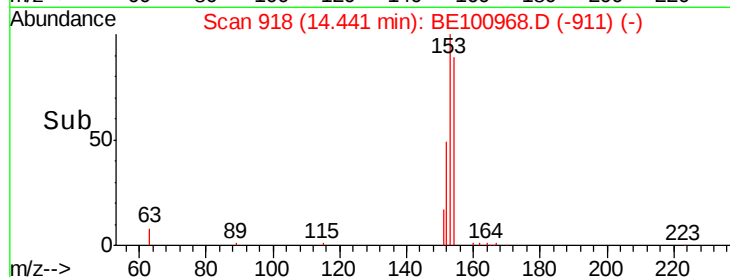
154 100

153 114.9 91.7 137.5

152 57.4 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: 0.736 ng

RT: 15.42 min Scan# 985

Delta R.T. -0.00 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

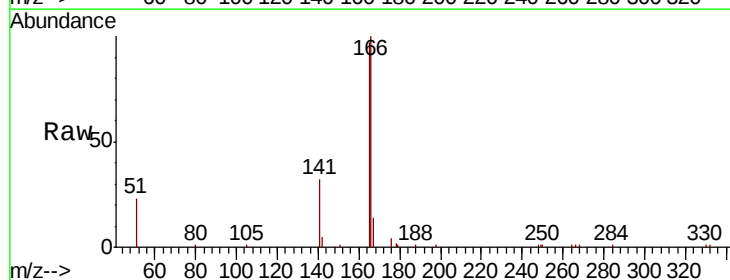
Tgt Ion:166 Resp: 19513

Ion Ratio Lower Upper

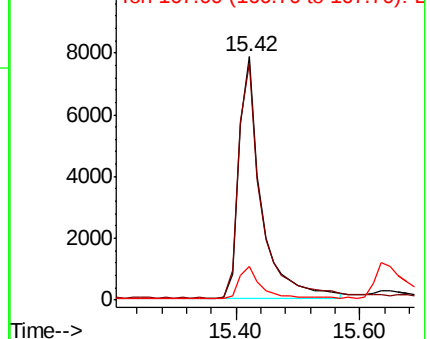
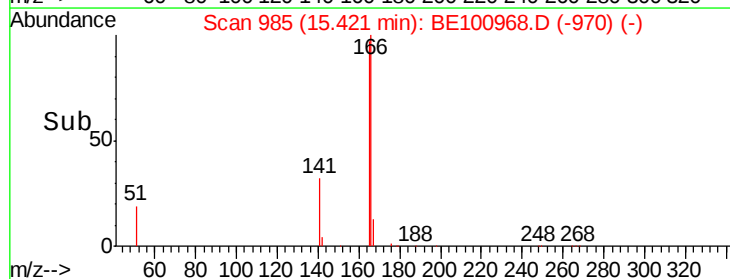
166 100

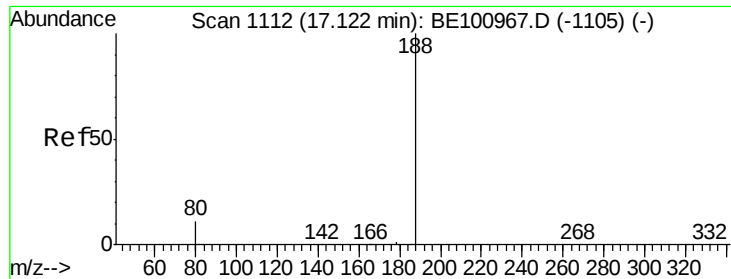
165 98.7 79.4 119.0

167 13.2 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

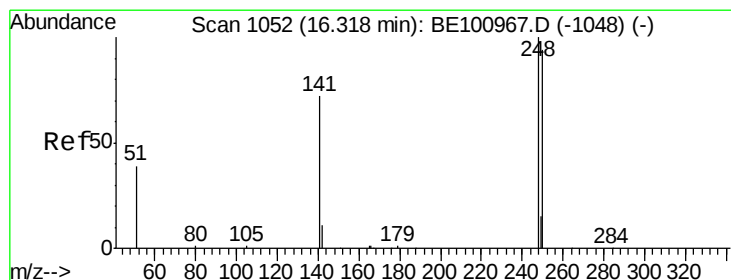
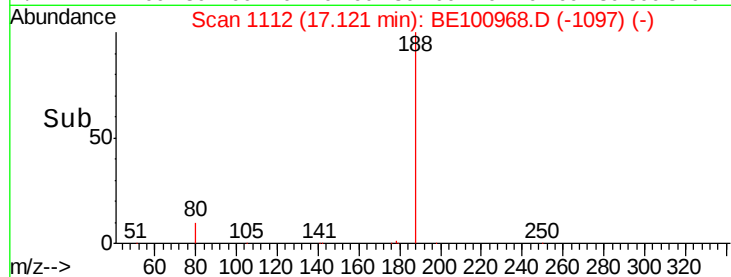
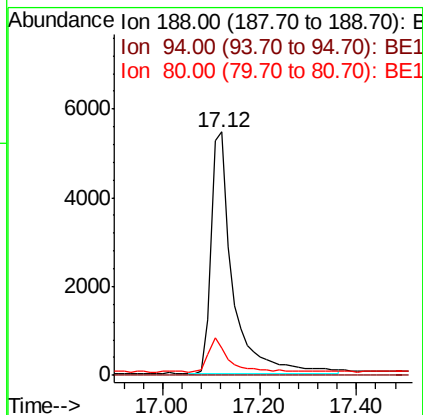
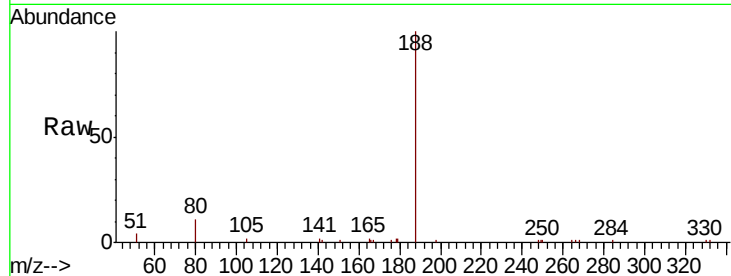




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BE100968.D
Acq: 24 Dec 2019 11:02

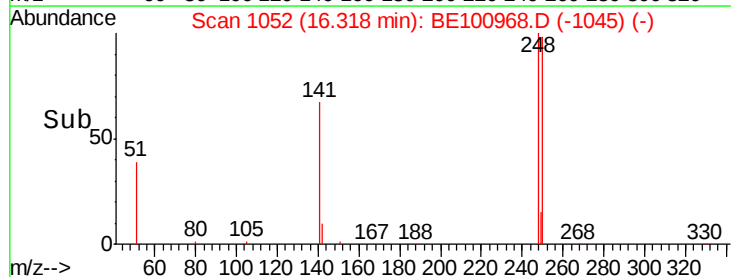
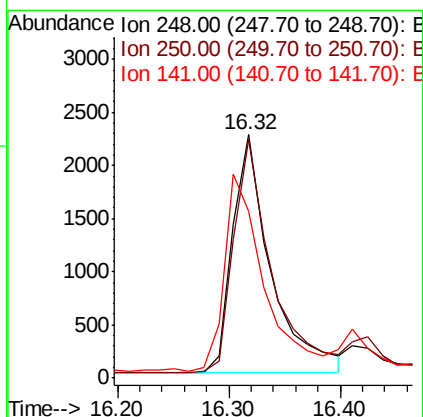
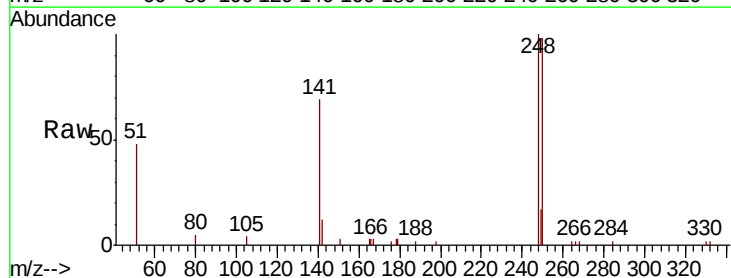
Instrument :
BNA_E
ClientSampleId :

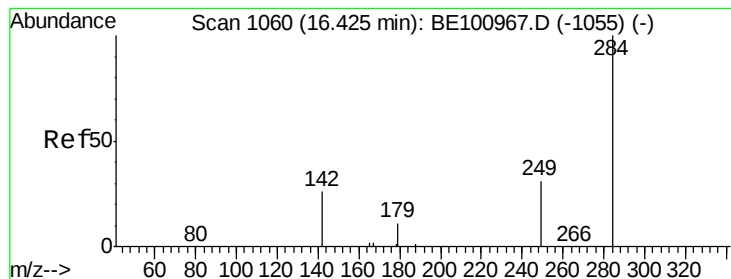
Tot Ion:188 Resp: 16533
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 9.7 14.5



#20
4-Bromophenyl-phenylether
Concen: 0.730 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BE100968.D
Acq: 24 Dec 2019 11:02

Tgt Ion:248 Resp: 5367
Ion Ratio Lower Upper
248 100
250 97.8 76.0 114.0
141 68.5 61.0 91.6





#21

Hexachlorobenzene

Concen: 0.777 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

Instrument :

BNA_E

ClientSampled :

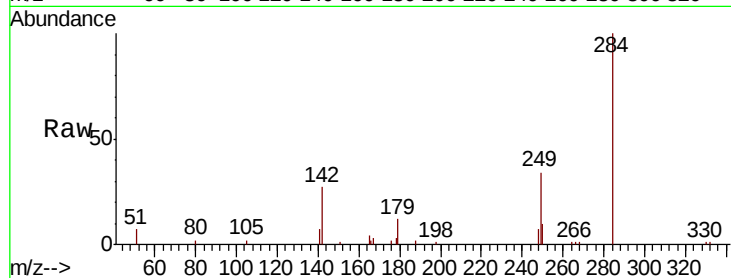
Tot Ion:284 Resp: 6516

Ion Ratio Lower Upper

284 100

142 41.2 33.3 49.9

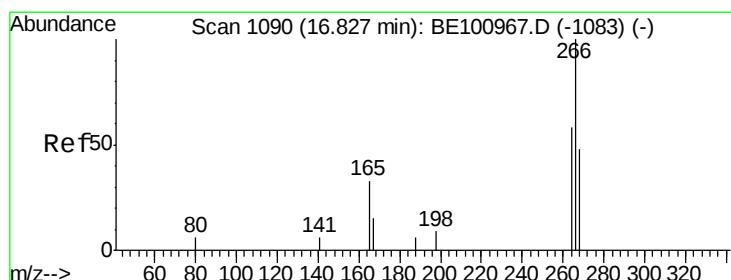
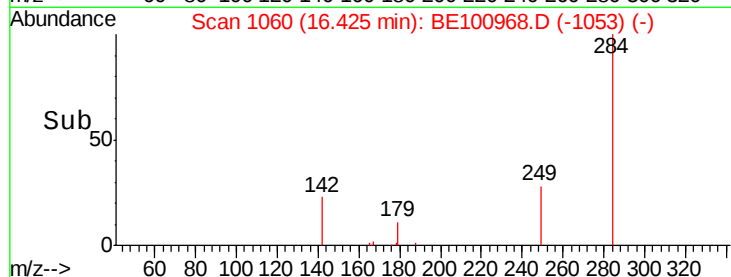
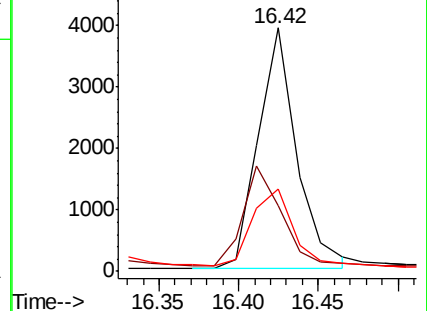
249 33.3 27.2 40.8



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: 0.391 ng

RT: 16.80 min Scan# 1088

Delta R.T. -0.03 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

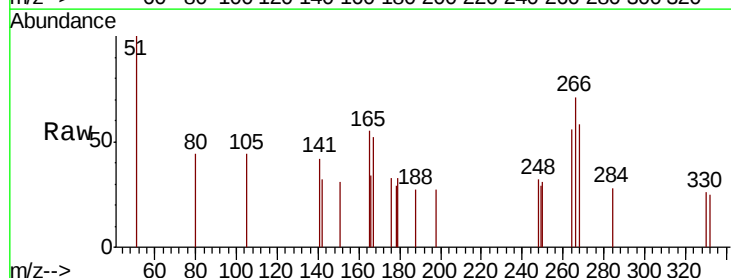
Tgt Ion:266 Resp: 485

Ion Ratio Lower Upper

266 100

264 78.3 62.3 93.5

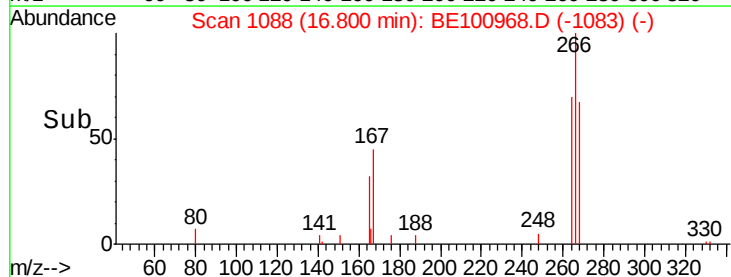
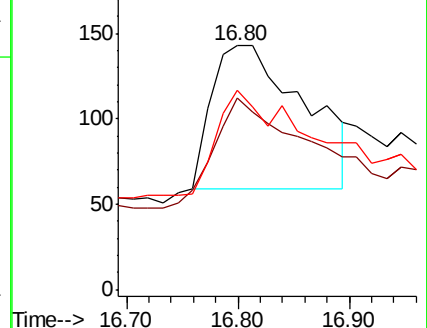
268 81.8 66.1 99.1

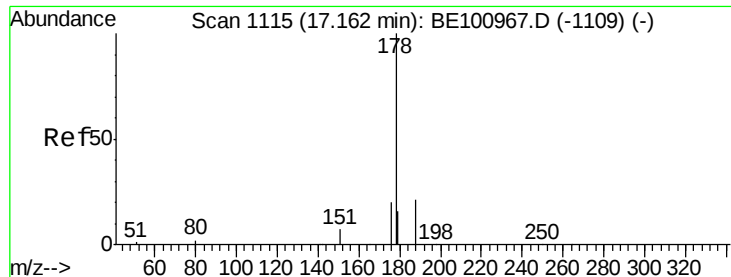


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.746 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

Instrument :

BNA_E

ClientSampleId :

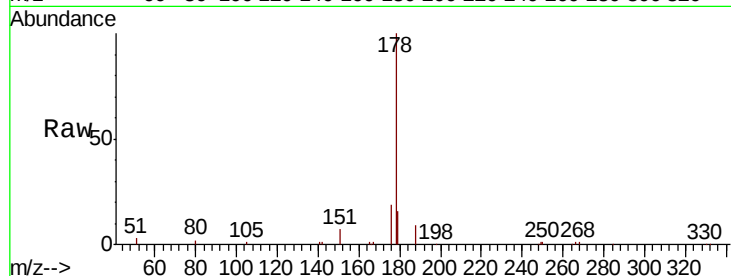
Tot Ion:178 Resp: 32169

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

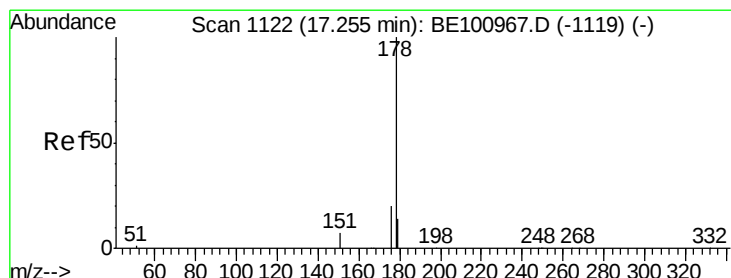
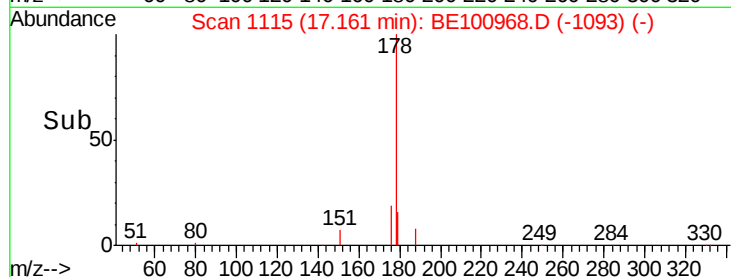
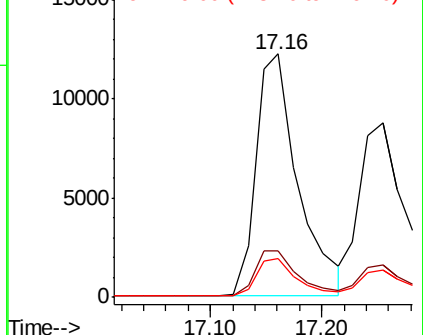
179 15.4 12.6 18.8



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: 0.739 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

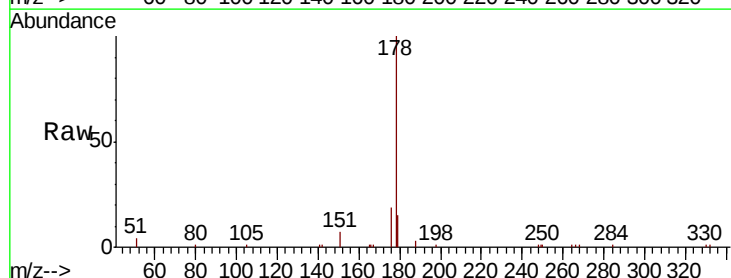
Tgt Ion:178 Resp: 21388

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

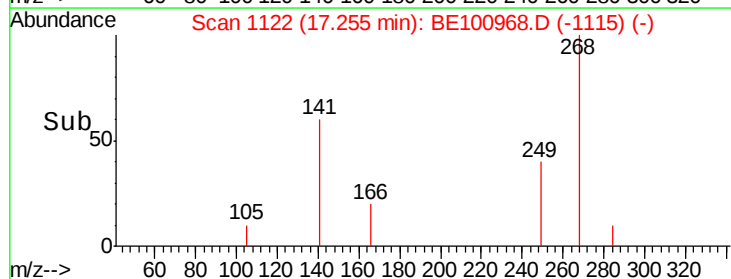
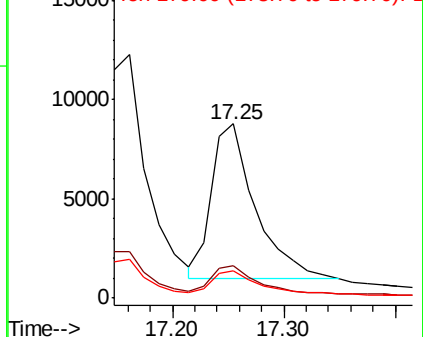
179 15.6 12.5 18.7

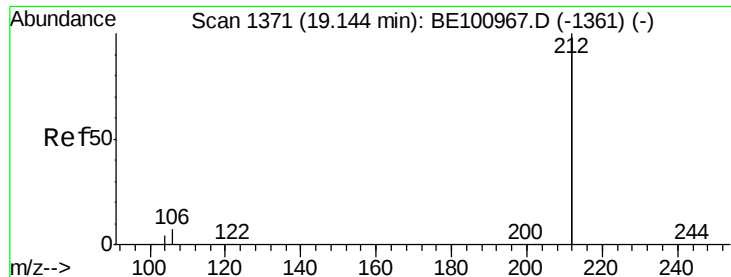


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

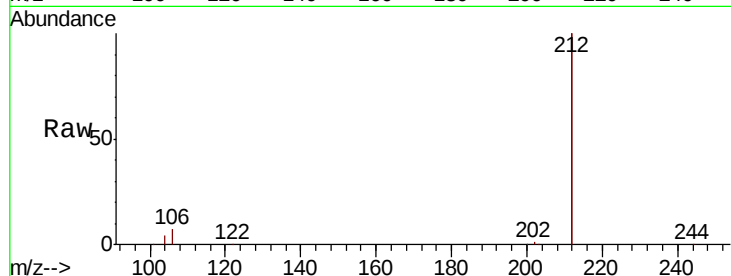




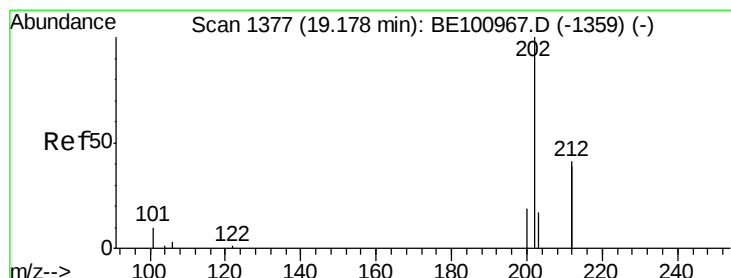
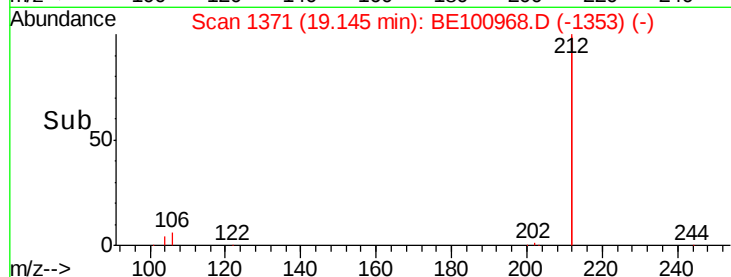
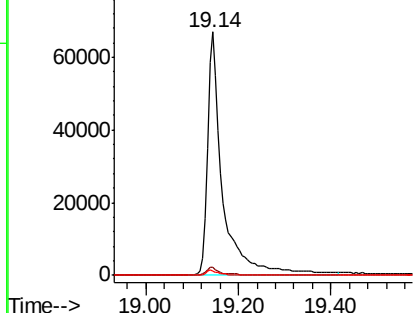
#25
 Fluoranthene-d10
 Concen: 0.739 ng
 RT: 19.14 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BE100968.D
 Acq: 24 Dec 2019 11:02

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 152876
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.4 3.6
 104 1.8 1.4 2.0

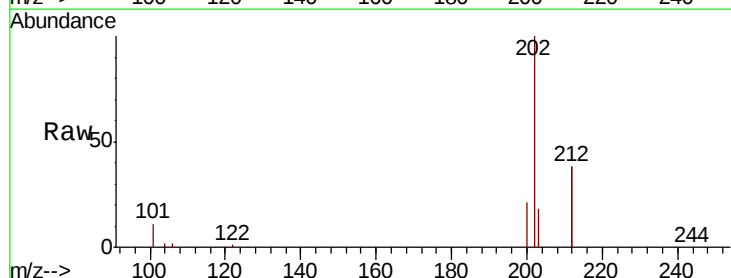


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

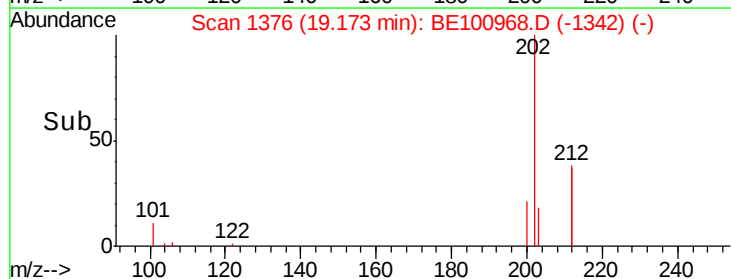
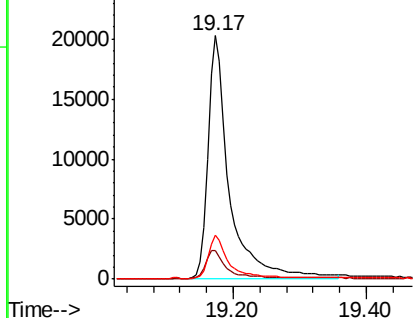


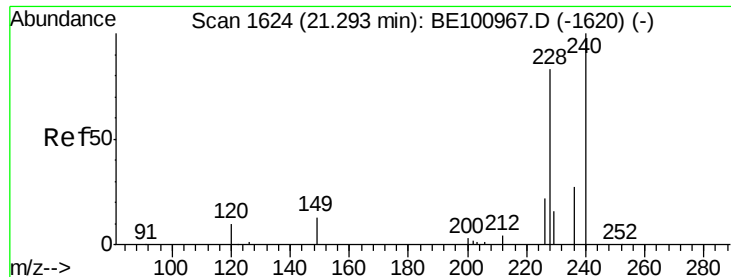
#26
 Fluoranthene
 Concen: 0.742 ng
 RT: 19.17 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: BE100968.D
 Acq: 24 Dec 2019 11:02

Tgt Ion:202 Resp: 44414
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.0 13.4
 203 17.0 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: BE100968.D

Acq: 24 Dec 2019 11:02

Instrument :

BNA_E

ClientSampleId :

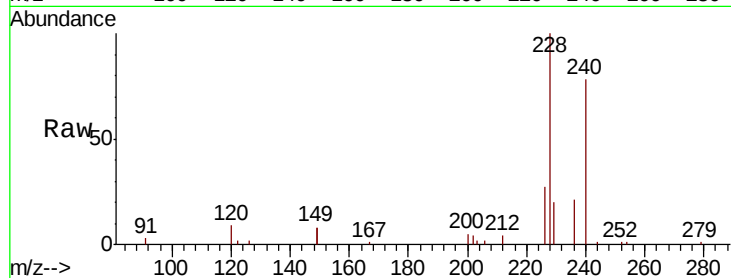
Tot Ion:240 Resp: 17168

Ion Ratio Lower Upper

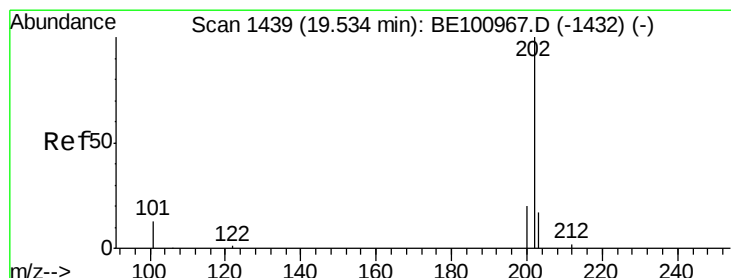
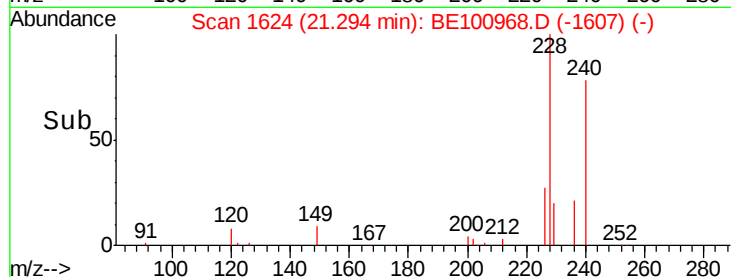
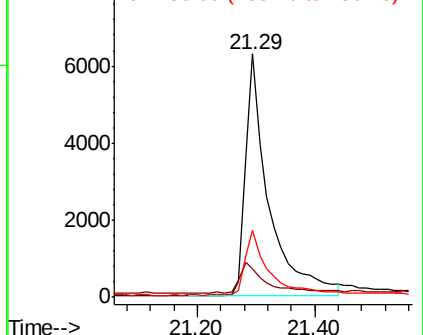
240 100

120 11.6 10.2 15.4

236 27.5 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: 0.752 ng

RT: 19.54 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

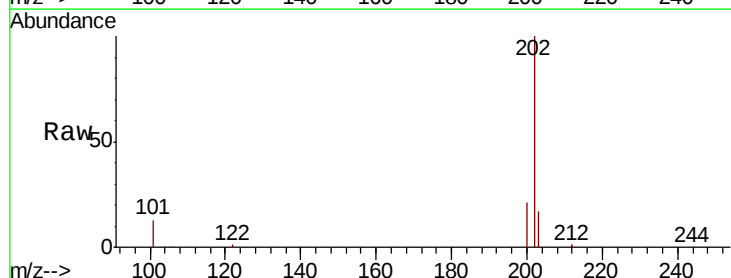
Tgt Ion:202 Resp: 46152

Ion Ratio Lower Upper

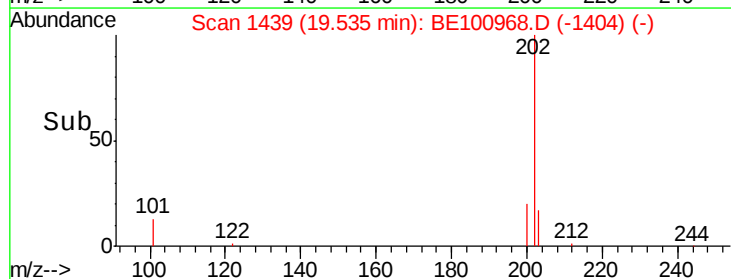
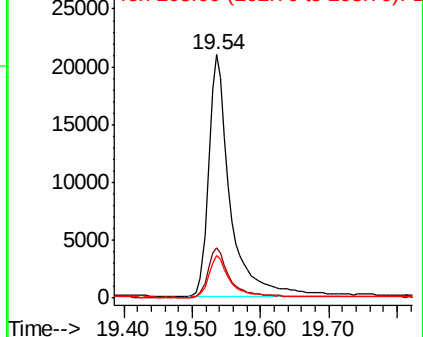
202 100

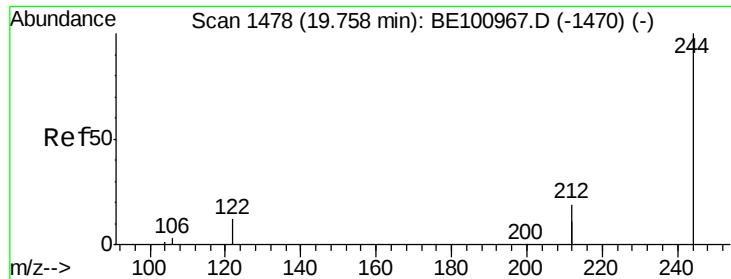
200 21.1 16.6 25.0

203 17.1 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: 0.776 ng

RT: 19.75 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

Instrument :

BNA_E

ClientSampleId :

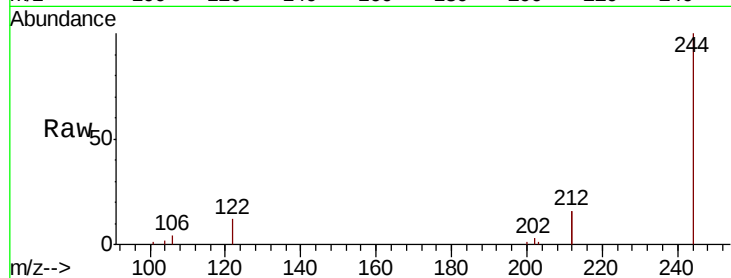
Tot Ion:244 Resp: 30408

Ion Ratio Lower Upper

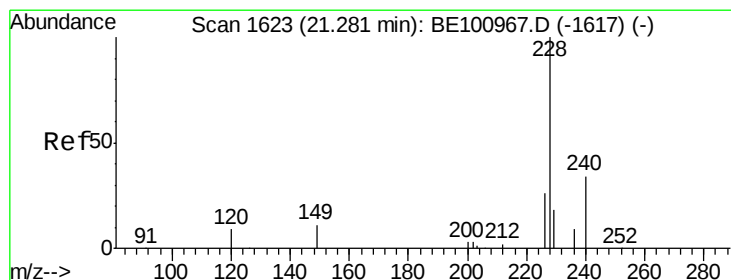
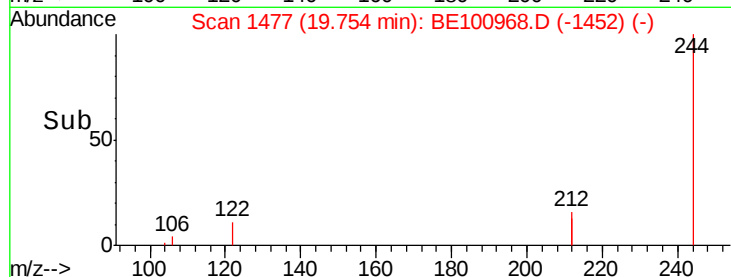
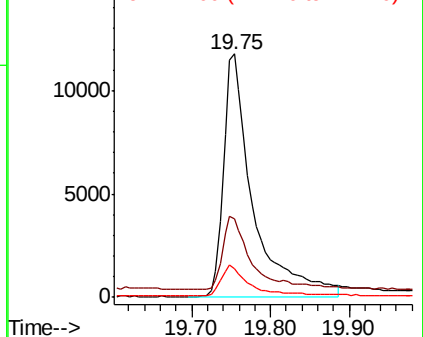
244 100

212 32.4 29.3 43.9

122 11.6 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: 0.701 ng

RT: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

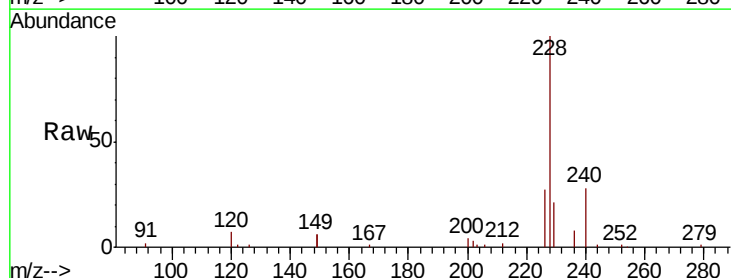
Tgt Ion:228 Resp: 31557

Ion Ratio Lower Upper

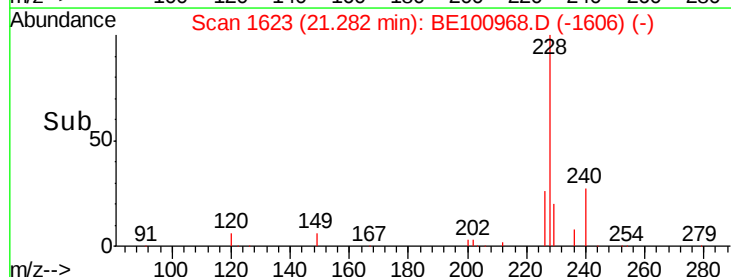
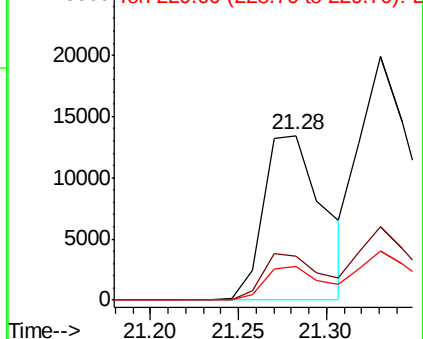
228 100

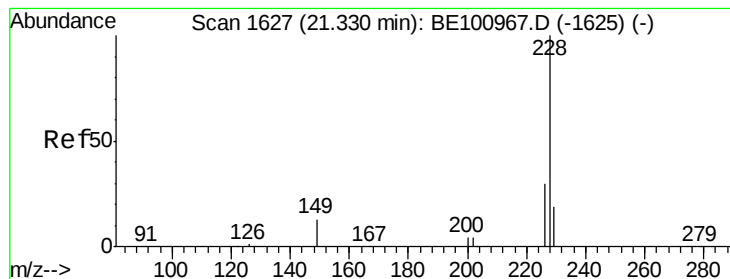
226 26.6 21.8 32.6

229 20.7 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: 0.716 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

Instrument :

BNA_E

ClientSampled :

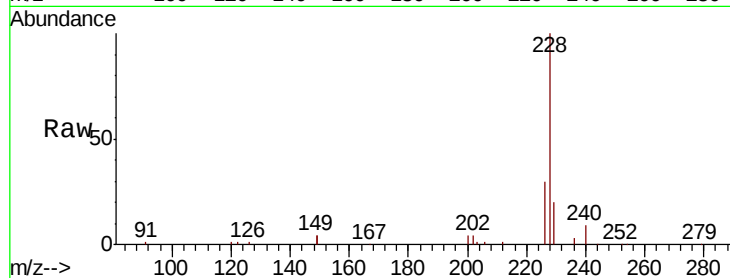
Tot Ion:228 Resp: 40584

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

229 20.1 15.7 23.5

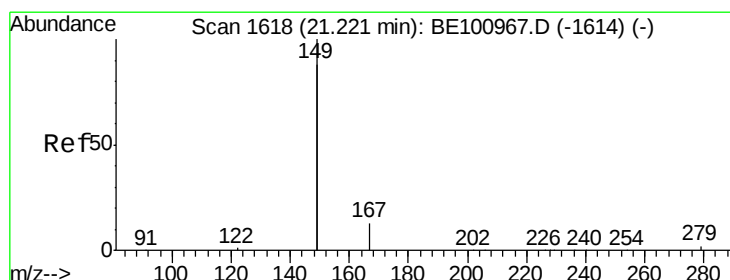
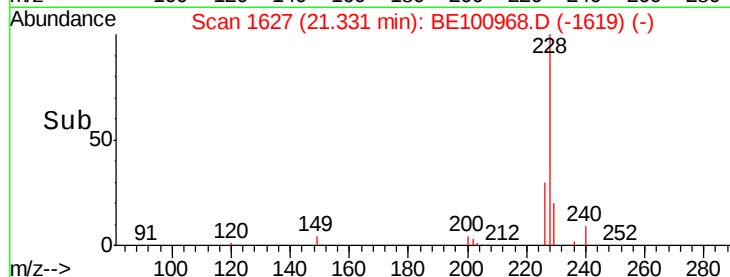
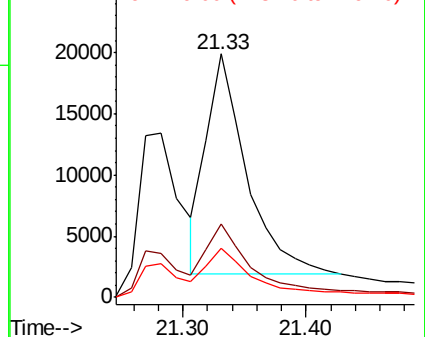


Abundance

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: 0.388 ng

RT: 21.21 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

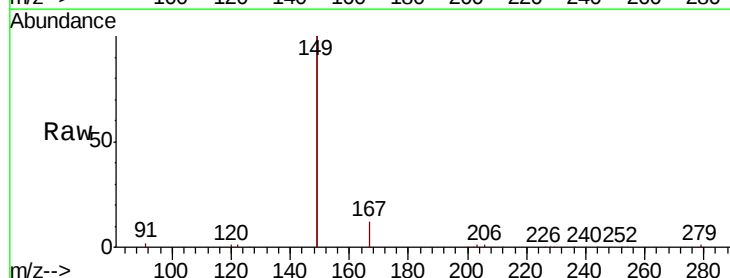
Tgt Ion:149 Resp: 55003

Ion Ratio Lower Upper

149 100

167 6.3 5.1 7.7

279 0.8 0.6 1.0

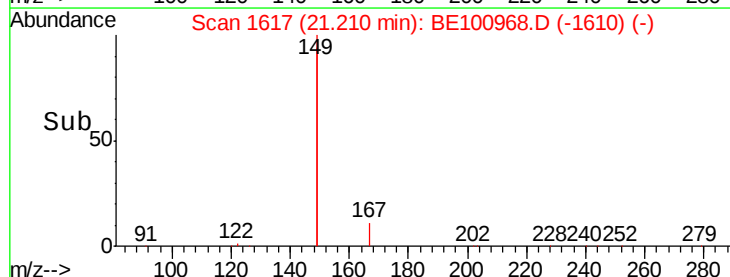
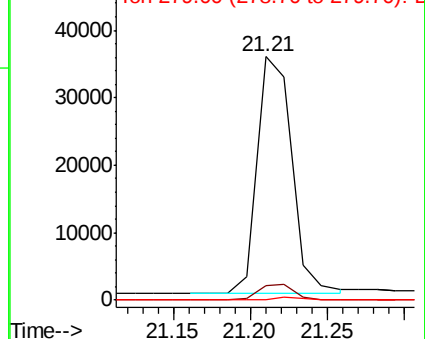


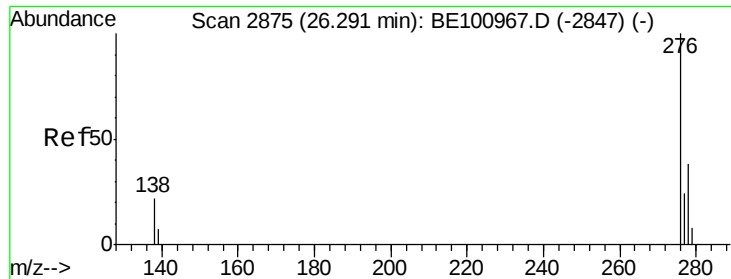
Abundance

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

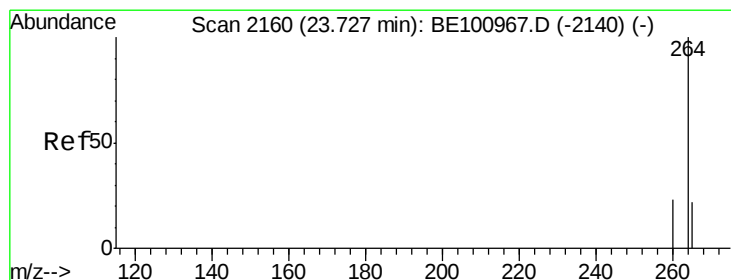
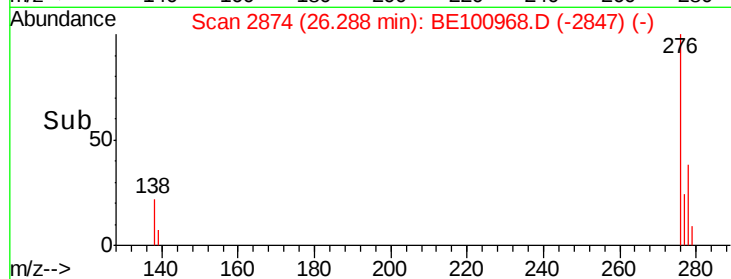
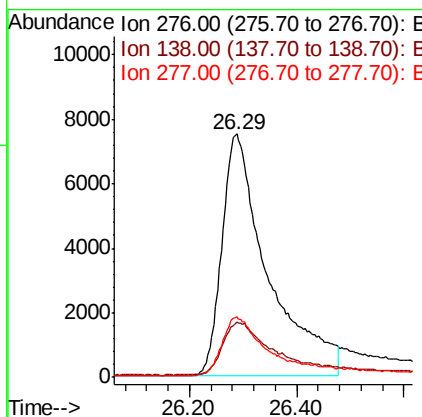
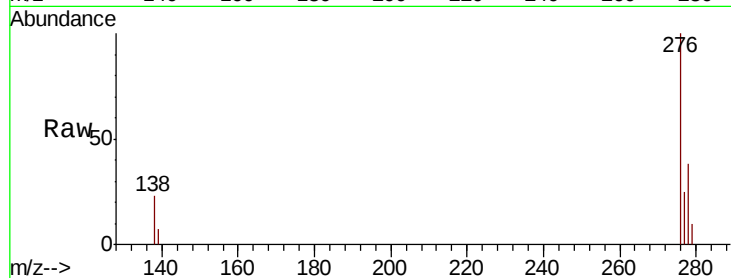




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.752 ng
 RT: 26.29 min Scan# 2874
 Delta R.T. -0.00 min
 Lab File: BE100968.D
 Acq: 24 Dec 2019 11:02

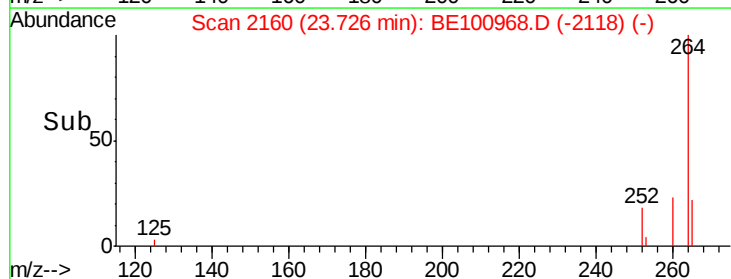
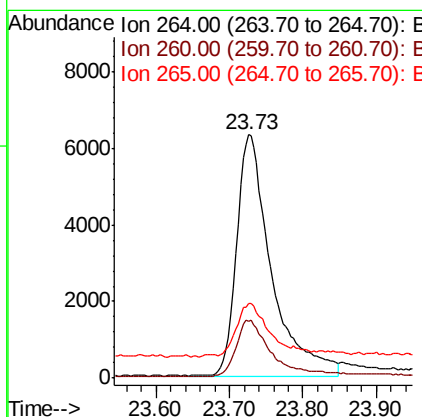
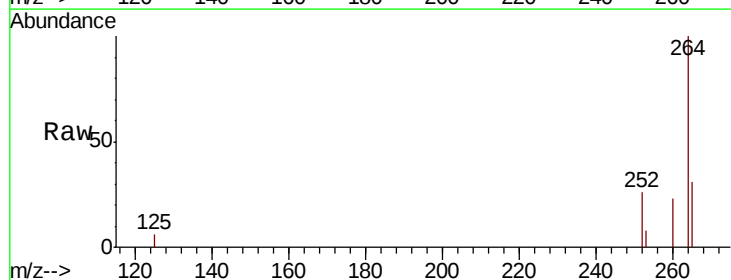
Instrument :
 BNA_E
 ClientSampleId :

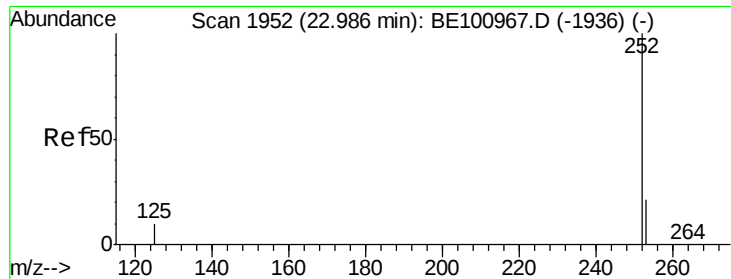
Tot Ion:276 Resp: 44613
 Ion Ratio Lower Upper
 276 100
 138 23.8 14.8 22.2#
 277 24.0 18.0 27.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.73 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BE100968.D
 Acq: 24 Dec 2019 11:02

Tgt Ion:264 Resp: 20584
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 30.7 26.6 40.0





#35

Benzo(b)fluoranthene

Concen: 0.763 ng

RT: 22.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

Instrument :

BNA_E

ClientSampleId :

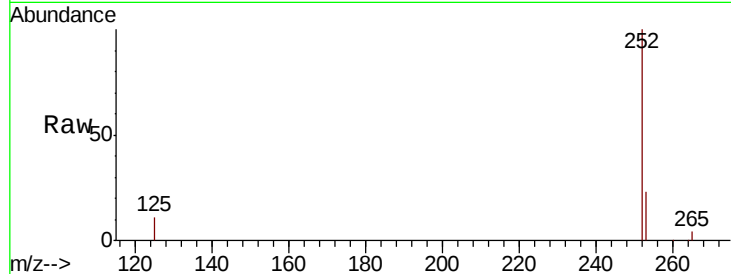
Tot Ion:252 Resp: 34850

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

125 11.1 9.7 14.5

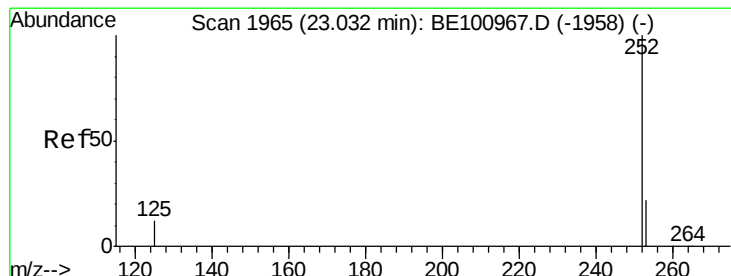
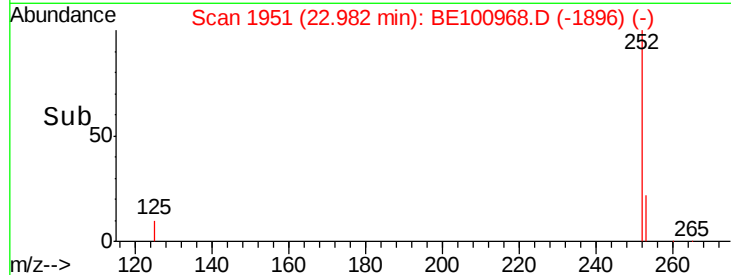
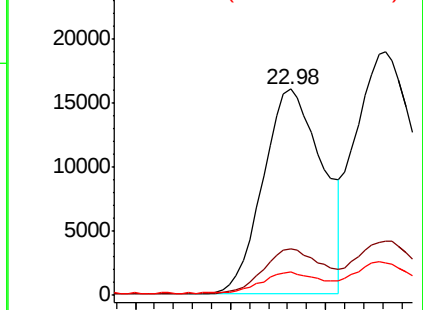


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.995 ng

RT: 23.03 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

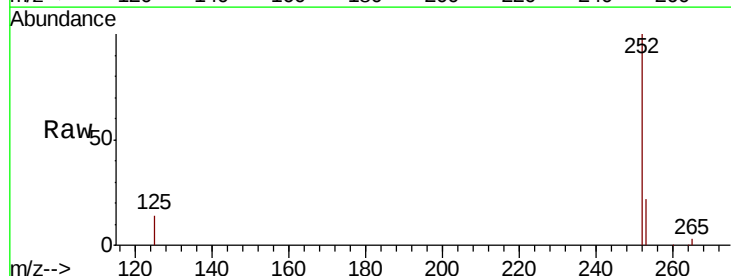
Tgt Ion:252 Resp: 60610

Ion Ratio Lower Upper

252 100

253 22.5 18.9 28.3

125 13.6 11.2 16.8

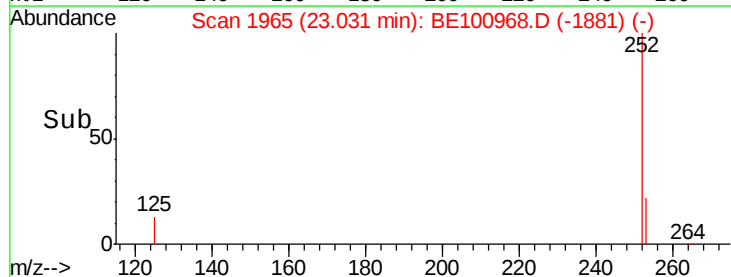
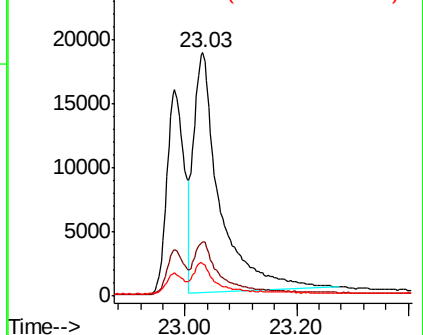


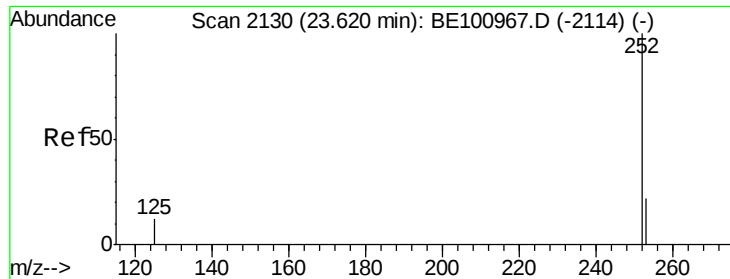
Abundance

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

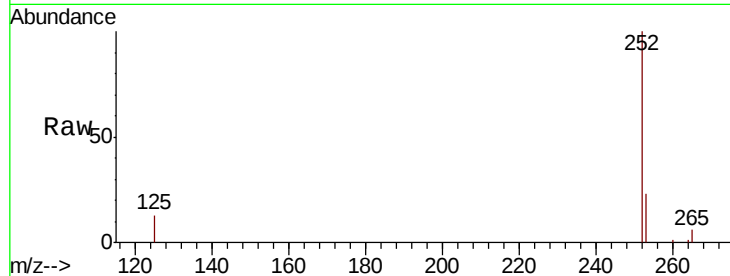




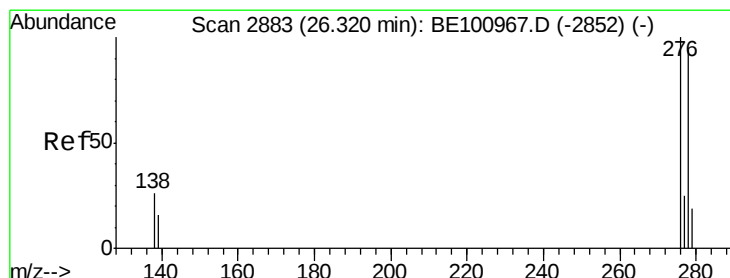
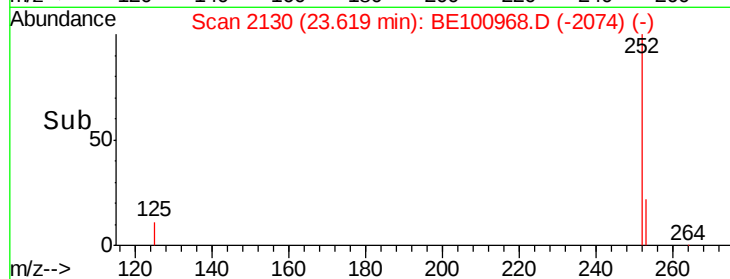
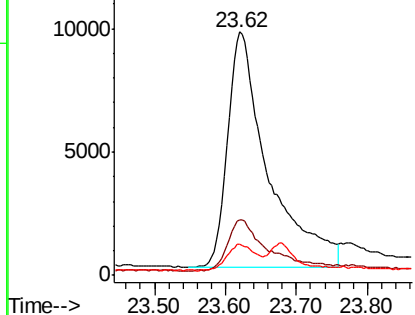
#37
Benzo(a)pyrene
Concen: 0.730 ng
RT: 23.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BE100968.D
Acq: 24 Dec 2019 11:02

Instrument :
BNA_E
ClientSampled :

Tot Ion:252 Resp: 37962
Ion Ratio Lower Upper
252 100
253 22.9 20.1 30.1
125 13.0 12.6 18.8

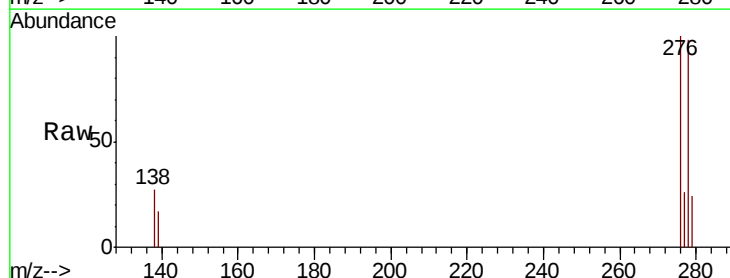


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

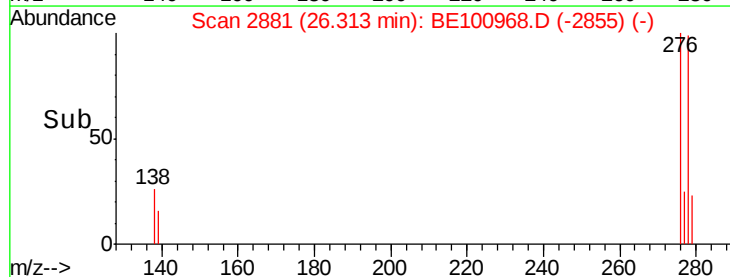
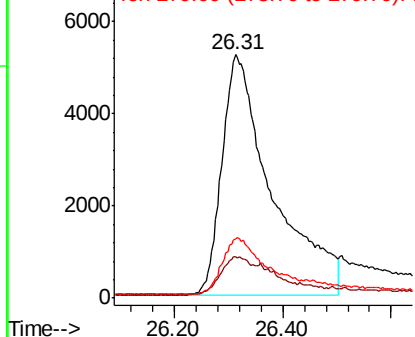


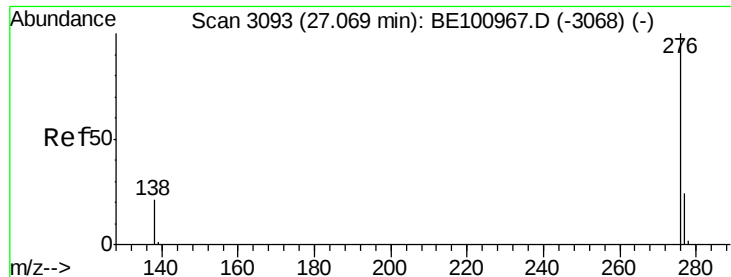
#38
Dibenzo(a,h)anthracene
Concen: 0.765 ng
RT: 26.31 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BE100968.D
Acq: 24 Dec 2019 11:02

Tgt Ion:278 Resp: 33502
Ion Ratio Lower Upper
278 100
139 17.2 16.4 24.6
279 24.3 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: 0.779 ng

RT: 27.07 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BE100968.D

Acq: 24 Dec 2019 11:02

Instrument :

BNA_E

ClientSampleId :

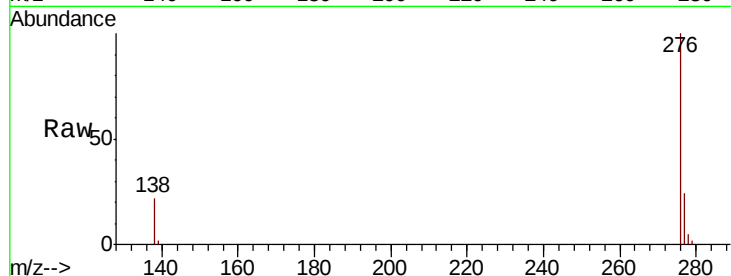
Tot Ion: 276 Resp: 42158

Ion Ratio Lower Upper

276 100

277 24.4 20.0 30.0

138 22.1 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

