

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122619\
 Data File : BE100985.D
 Acq On : 26 Dec 2019 23:45
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Dec 27 01:09:44 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 14:28:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	3227	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	16581	0.40	ng	0.00
13) Acenaphthene-d10	14.37	164	10268	0.40	ng	-0.01
19) Phenanthrene-d10	17.11	188	23599	0.40	ng	-0.01
27) Chrysene-d12	21.29	240	23092	0.40	ng	0.00
34) Perylene-d12	23.72	264	30702	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	2594	0.48	ng	0.00
5) Phenol-d6	6.94	99	2281	0.40	ng	-0.04
8) Nitrobenzene-d5	8.90	82	3509	0.49	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	10304	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	933	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	15296	0.42	ng	0.00
25) Fluoranthene-d10	19.14	212	116572	0.41	ng	0.00
29) Terphenyl-d14	19.75	244	22723	0.43	ng	-0.01

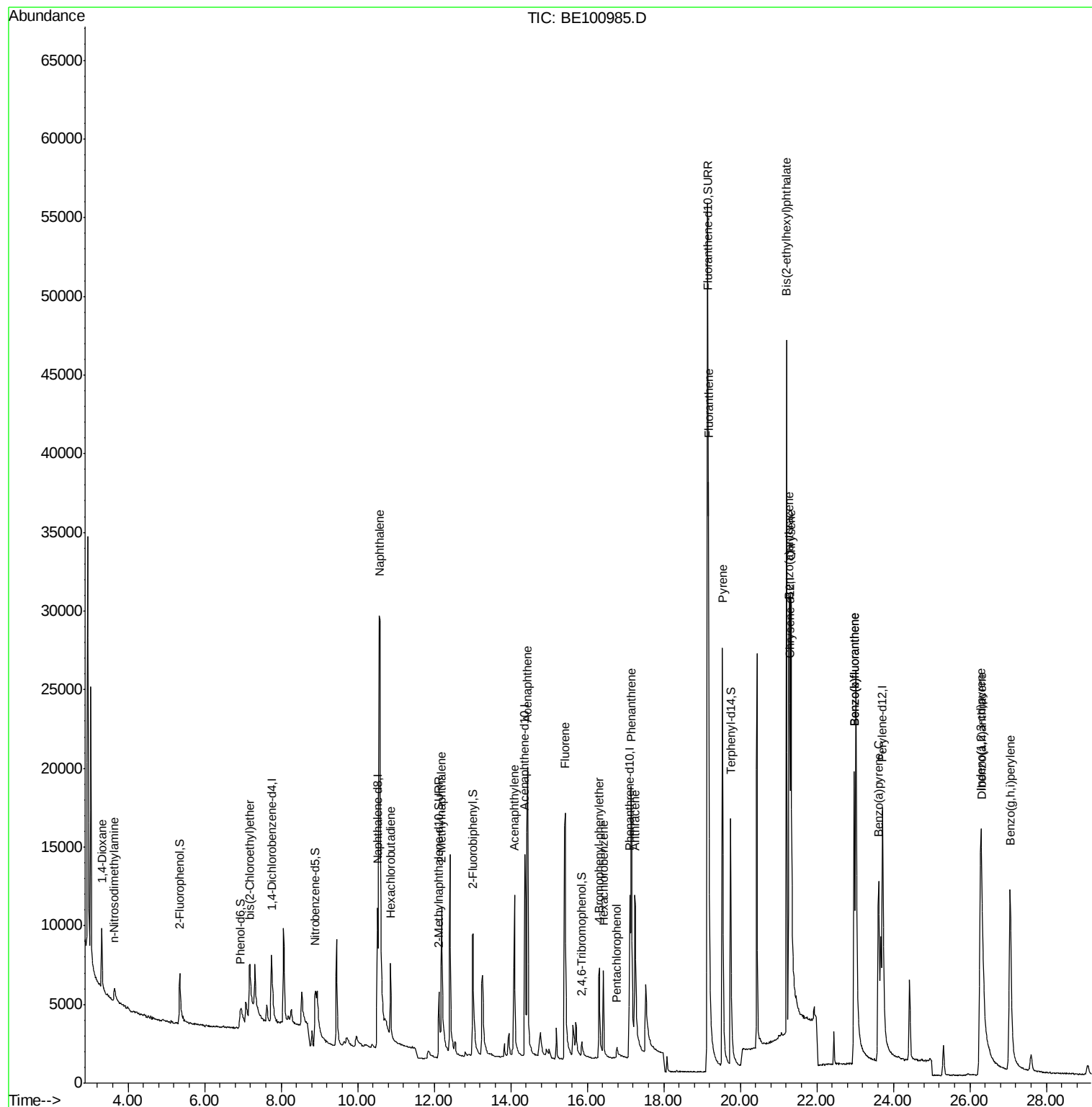
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.32	88	4135	0.394	ng	99
3) n-Nitrosodimethylamine	3.64	42	1366	0.639	ng	# 93
6) bis(2-Chloroethyl)ether	7.18	93	3894	0.334	ng	78
9) Naphthalene	10.58	128	76166	0.432	ng	99
10) Hexachlorobutadiene	10.86	225	3290	0.422	ng	99
12) 2-Methylnaphthalene	12.20	142	10743	0.402	ng	97
16) Acenaphthylene	14.10	152	15557	0.405	ng	100
17) Acenaphthene	14.44	154	12027	0.431	ng	99
18) Fluorene	15.42	166	15067	0.434	ng	99
20) 4-Bromophenyl-phenylether	16.32	248	4235	0.409	ng	94
21) Hexachlorobenzene	16.42	284	4778	0.390	ng	99
22) Pentachlorophenol	16.77	266	716	0.559	ng	85
23) Phenanthrene	17.15	178	25862	0.425	ng	99
24) Anthracene	17.24	178	16760	0.272	ng	100
26) Fluoranthene	19.17	202	34425	0.415	ng	99
28) Pyrene	19.53	202	35988	0.445	ng	100
30) Benzo(a)anthracene	21.27	228	24734	0.438	ng	99
31) Chrysene	21.33	228	34566	0.328	ng	98
32) Bis(2-ethylhexyl)phthalate	21.21	149	48834	0.487	ng	99
33) Indeno(1,2,3-cd)pyrene	26.28	276	37814	0.477	ng	99
35) Benzo(b)fluoranthene	22.98	252	29363	0.454	ng	99
36) Benzo(k)fluoranthene	22.98	252	29363	0.240	ng	97
37) Benzo(a)pyrene	23.61	252	32035	0.425	ng	96
38) Dibenzo(a,h)anthracene	26.31	278	29241	0.428	ng	96
39) Benzo(g,h,i)perylene	27.05	276	35080	0.436	ng	99

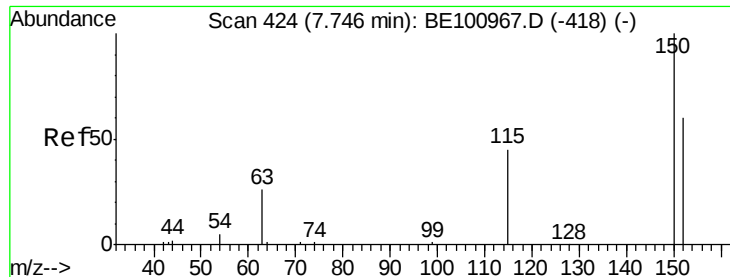
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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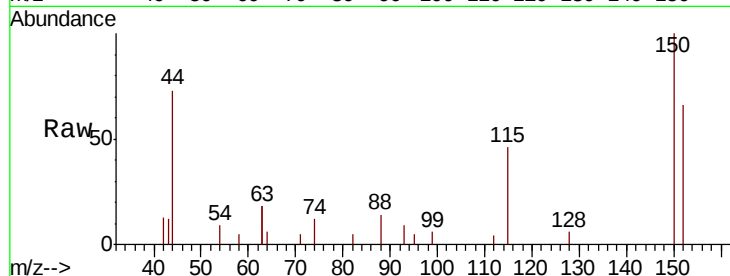


#1

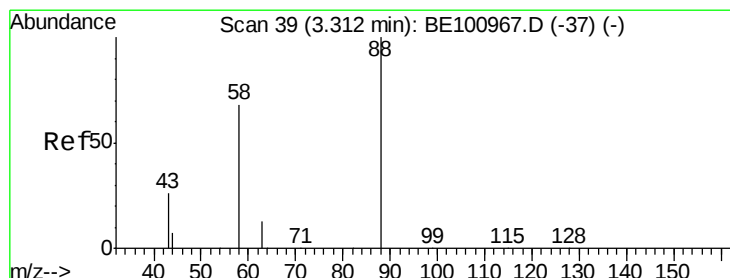
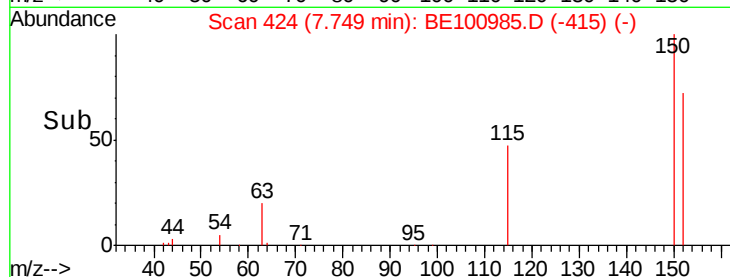
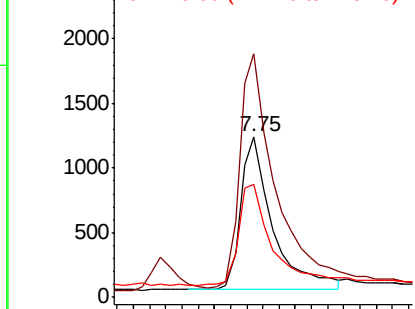
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 424
Delta R.T. 0.00 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 3227
Ion Ratio Lower Upper
152 100
150 151.3 132.6 199.0
115 70.0 64.1 96.1



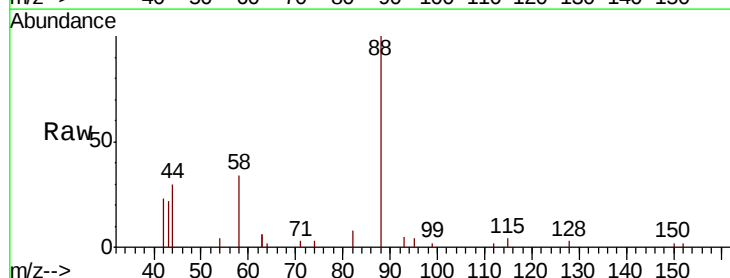
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



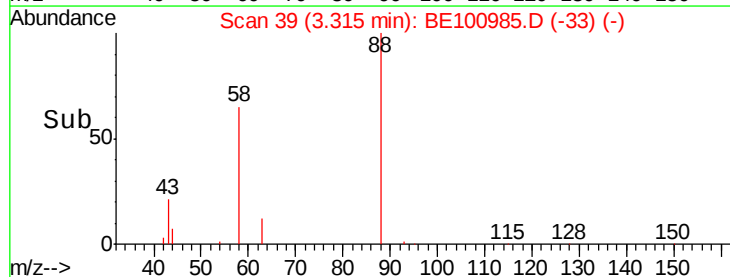
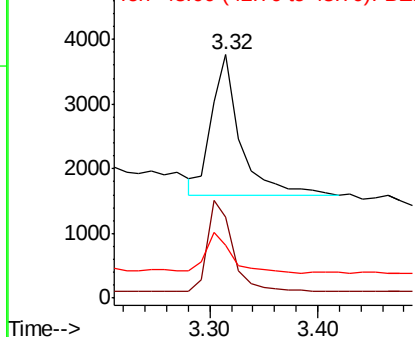
#2

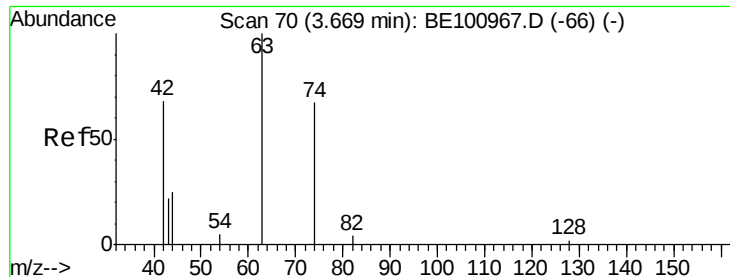
1,4-Dioxane
Concen: 0.394 ng
RT: 3.32 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Tgt Ion: 88 Resp: 4135
Ion Ratio Lower Upper
88 100
58 56.7 44.2 66.4
43 26.5 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: 0.639 ng

RT: 3.64 min Scan# 67

Delta R.T. -0.03 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

Instrument :

BNA_E

ClientSampled :

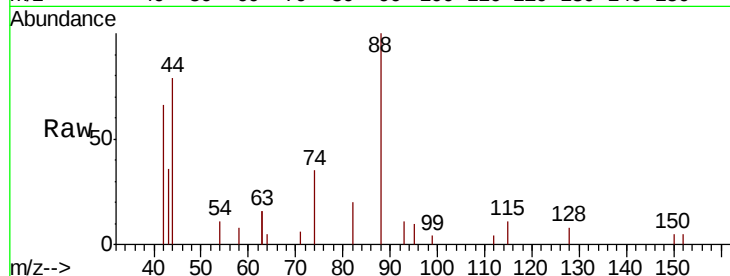
Tot Ion: 42 Resp: 1366

Ion Ratio Lower Upper

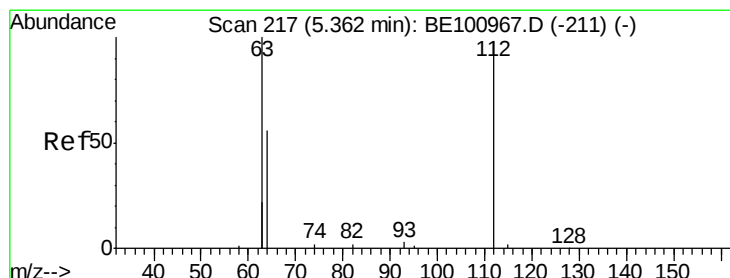
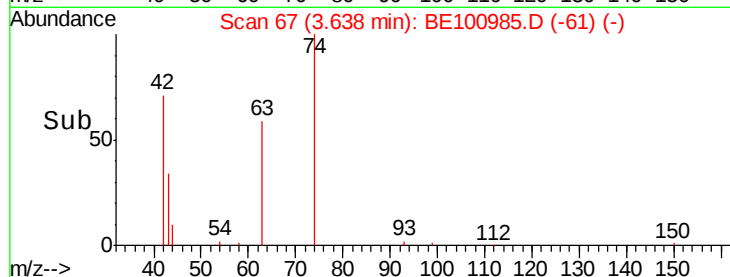
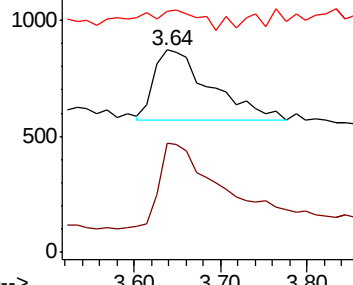
42 100

74 137.0 116.6 174.8

44 26.4 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: 0.475 ng

RT: 5.35 min Scan# 216

Delta R.T. -0.01 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

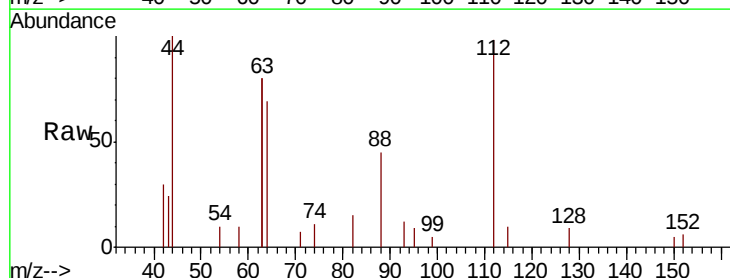
Tgt Ion: 112 Resp: 2594

Ion Ratio Lower Upper

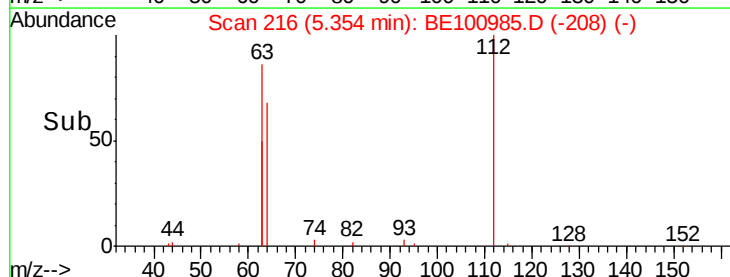
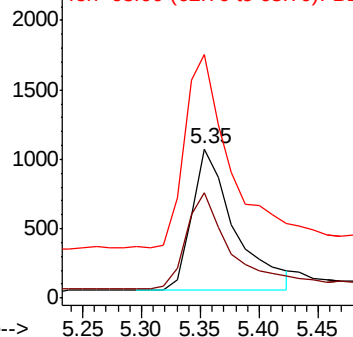
112 100

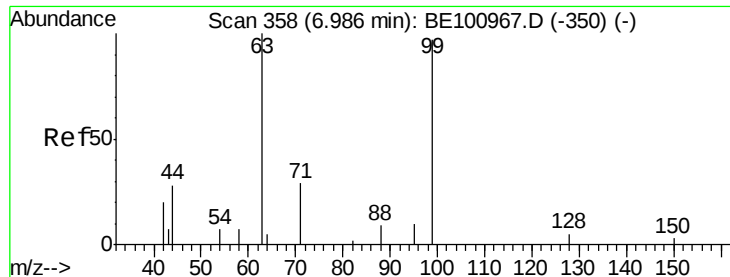
64 69.8 59.0 88.6

63 146.0 121.4 182.0



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: 0.396 ng

RT: 6.94 min Scan# 354

Delta R.T. -0.04 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

Instrument :

BNA_E

ClientSampled :

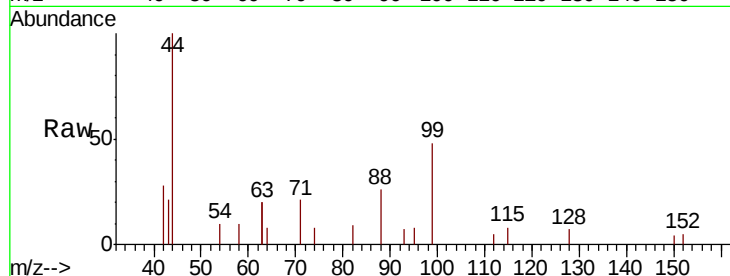
Tot Ion: 99 Resp: 2281

Ion Ratio Lower Upper

99 100

42 17.1 0.0 0.0#

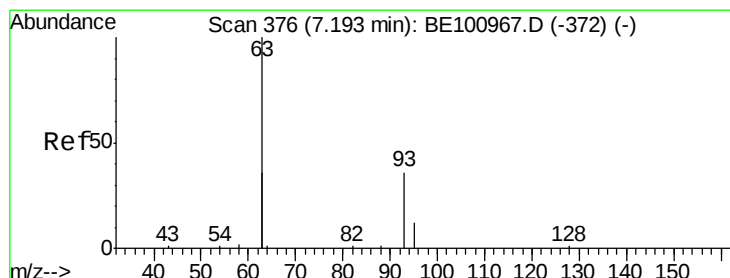
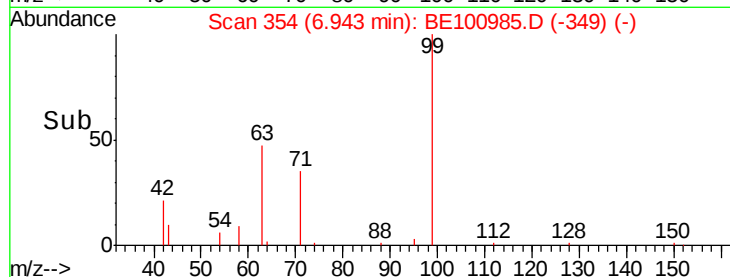
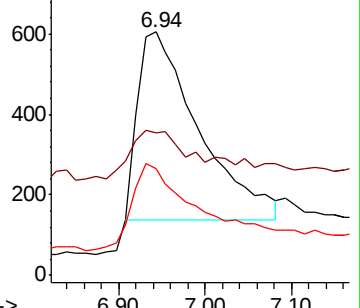
71 28.2 0.0 0.0#



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: 0.334 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

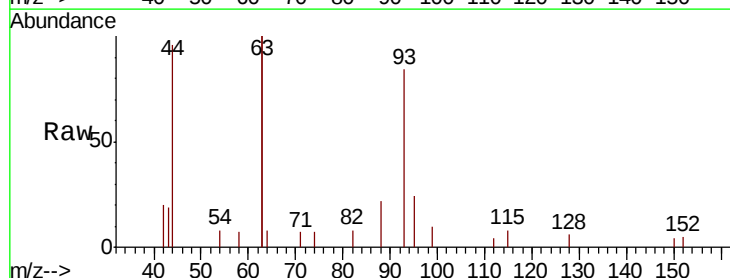
Tgt Ion: 93 Resp: 3894

Ion Ratio Lower Upper

93 100

63 238.8 228.3 342.5

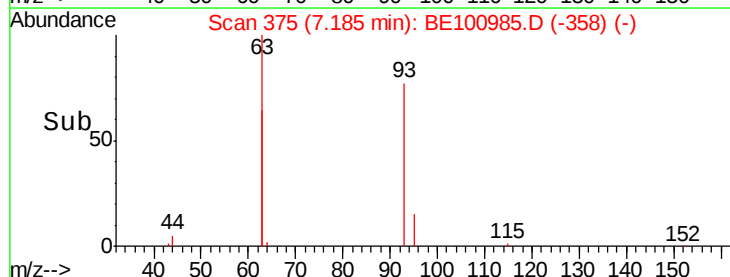
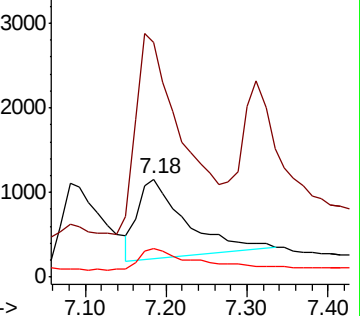
95 32.2 25.9 38.9

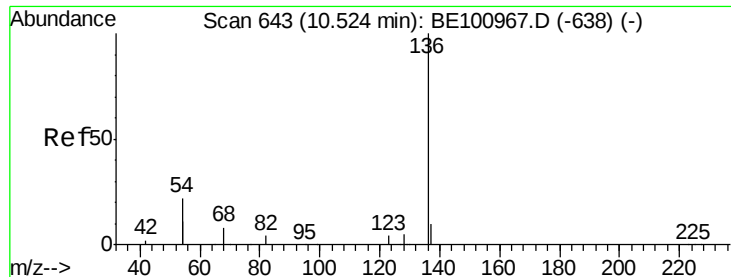


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE100985.D

Acq: 26 Dec 2019 23:45

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 16581

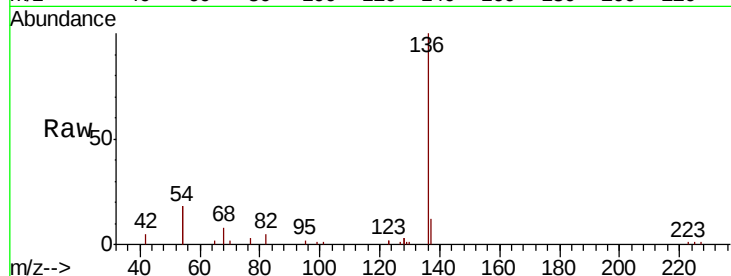
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 35.6 34.4 51.6

68 7.7 7.8 11.6#

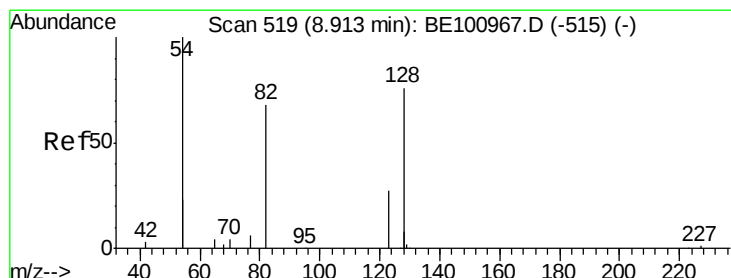
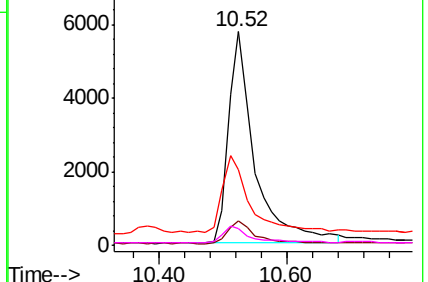
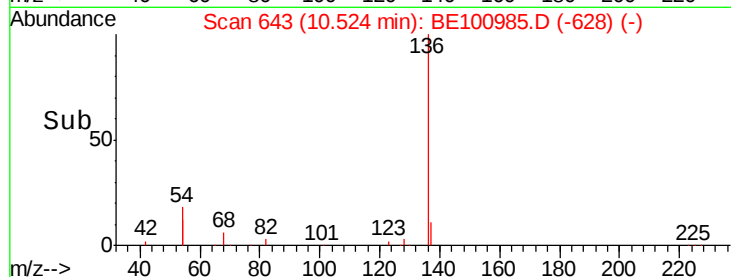


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.492 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

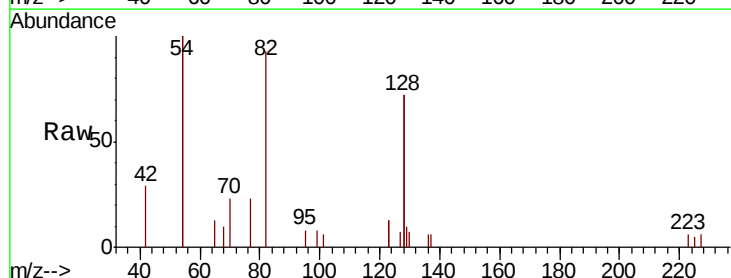
Tgt Ion: 82 Resp: 3509

Ion Ratio Lower Upper

82 100

128 155.6 140.2 210.2

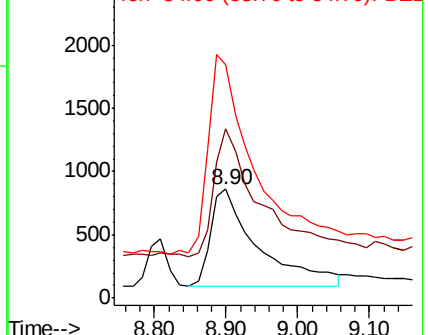
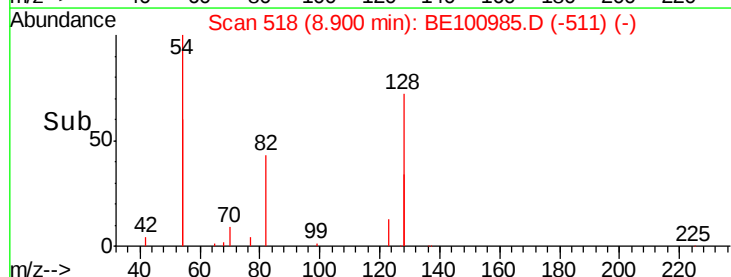
54 214.9 183.8 275.6

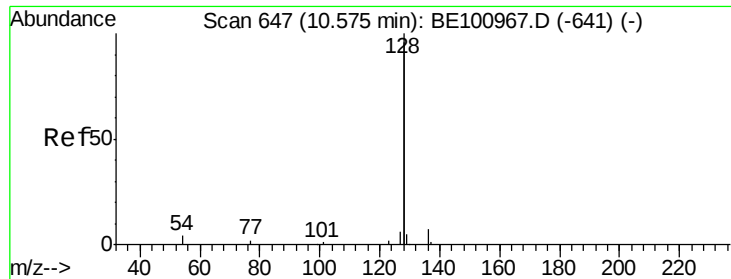


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.432 ng

RT: 10.58 min Scan# 647

Delta R.T. 0.00 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

Instrument :

BNA_E

ClientSampleId :

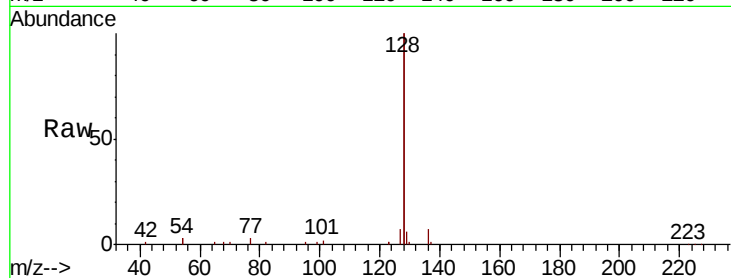
Tot Ion:128 Resp: 76166

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

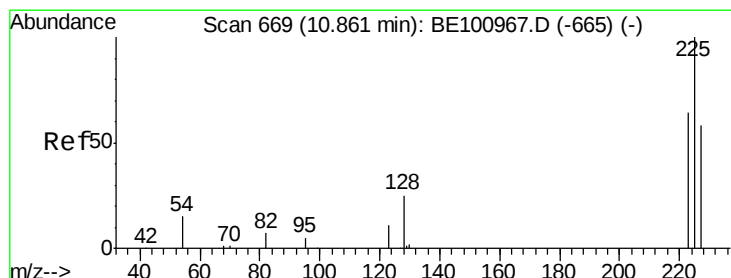
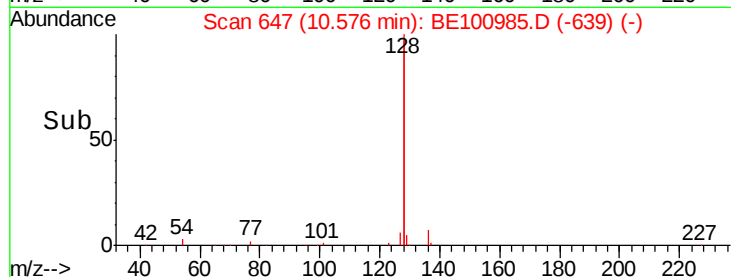
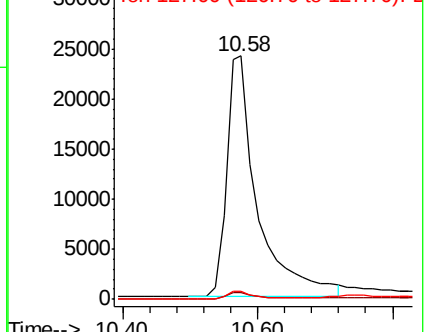
127 3.3 2.8 4.2



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: 0.422 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

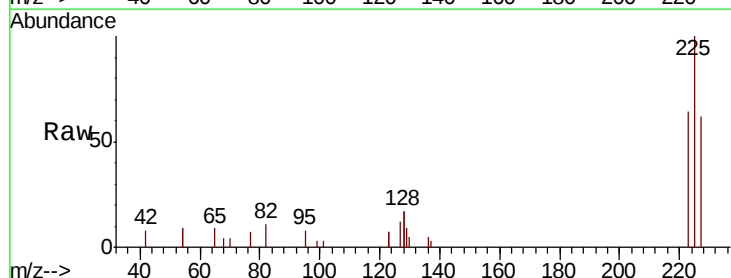
Tgt Ion:225 Resp: 3290

Ion Ratio Lower Upper

225 100

223 63.4 51.4 77.0

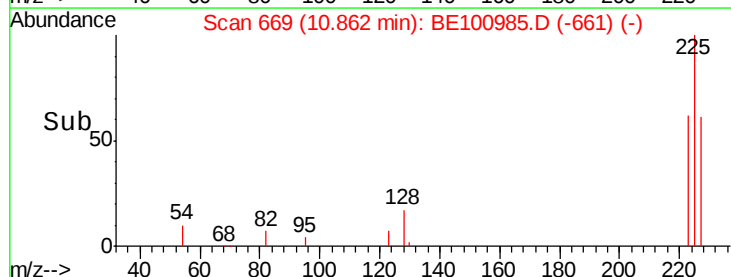
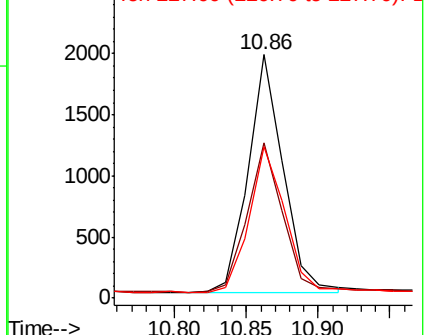
227 62.5 50.2 75.2

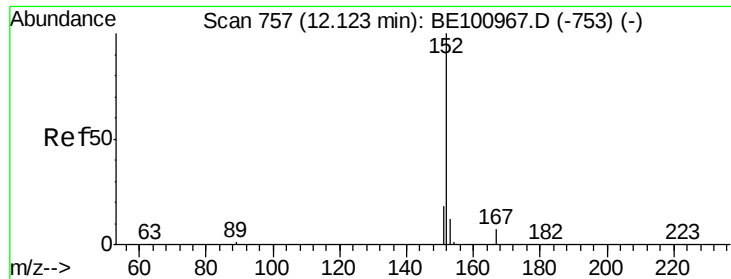


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

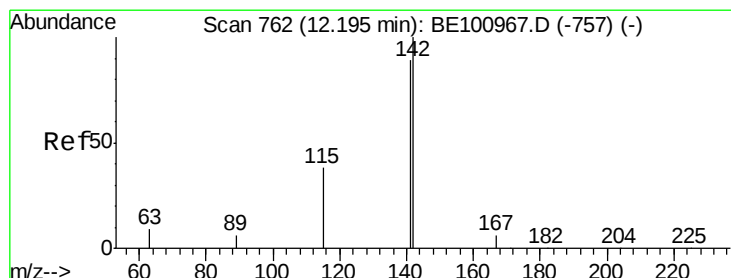
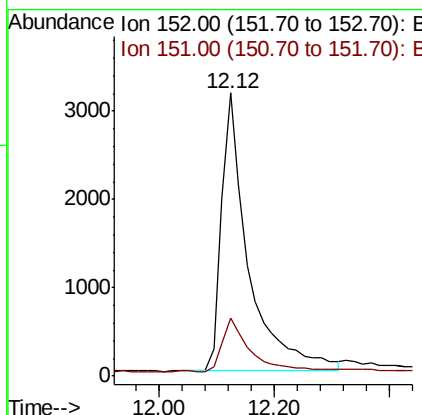
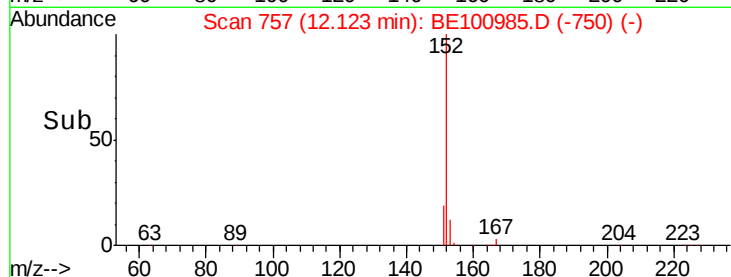
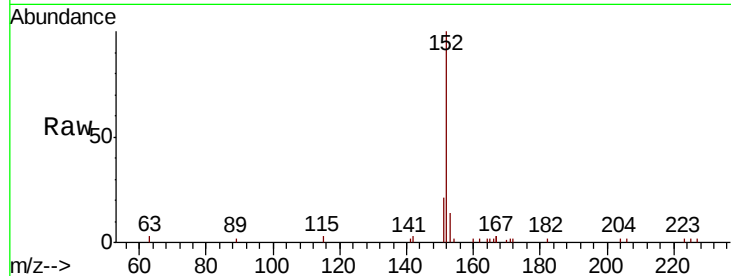




#11
 2-Methylnaphthalene-d10
 Concen: 0.423 ng
 RT: 12.12 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BE100985.D
 Acq: 26 Dec 2019 23:45

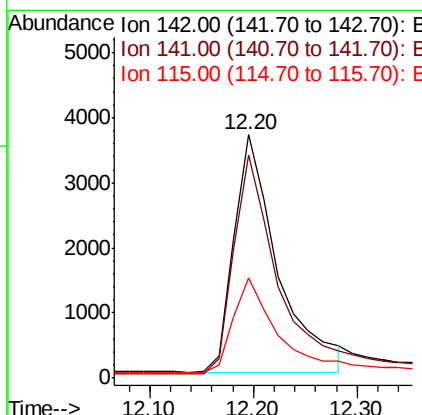
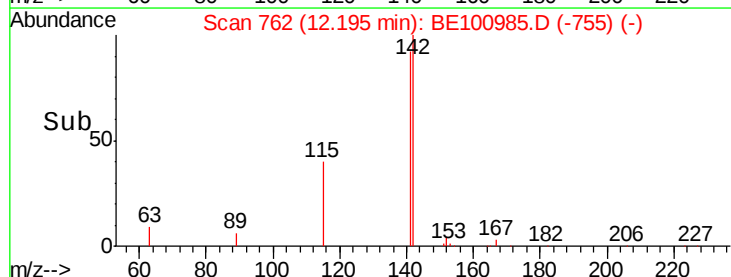
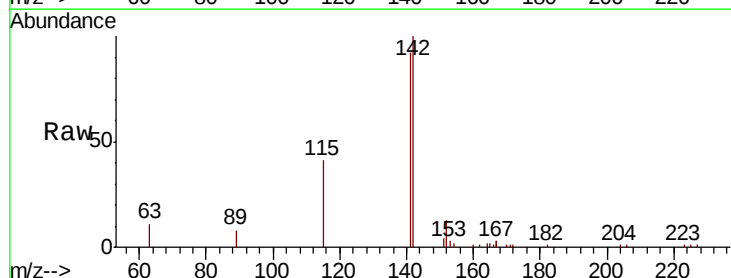
Instrument :
 BNA_E
 ClientSampleId :

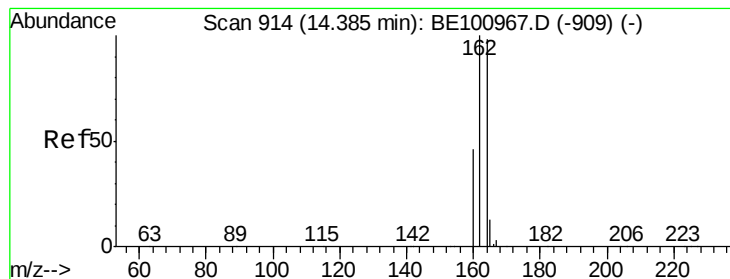
Tot Ion:152 Resp: 10304
 Ion Ratio Lower Upper
 152 100
 151 19.9 15.1 22.7



#12
 2-Methylnaphthalene
 Concen: 0.402 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE100985.D
 Acq: 26 Dec 2019 23:45

Tgt Ion:142 Resp: 10743
 Ion Ratio Lower Upper
 142 100
 141 91.8 70.8 106.2
 115 41.1 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: BE100985.D

Acq: 26 Dec 2019 23:45

Instrument :

BNA_E

ClientSampleId :

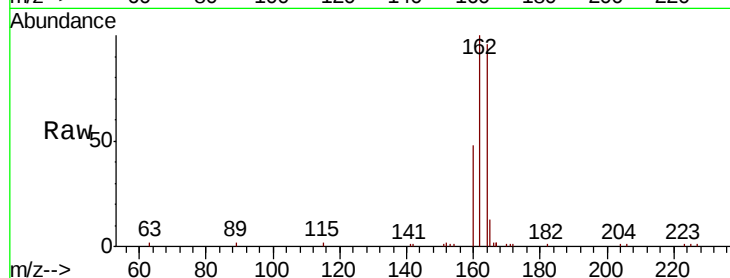
Tot Ion:164 Resp: 10268

Ion Ratio Lower Upper

164 100

162 103.8 81.6 122.4

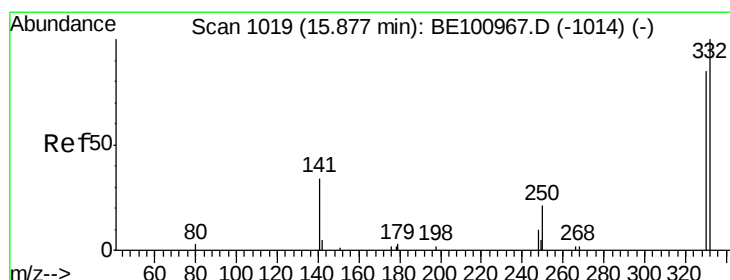
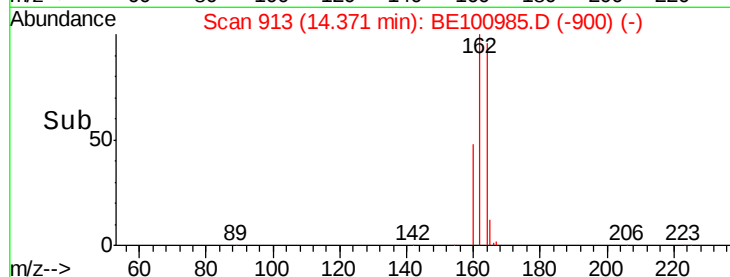
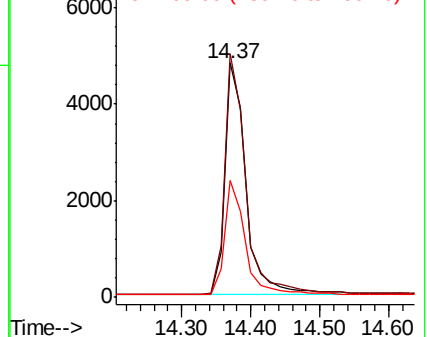
160 49.8 37.7 56.5



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: 0.484 ng

RT: 15.86 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

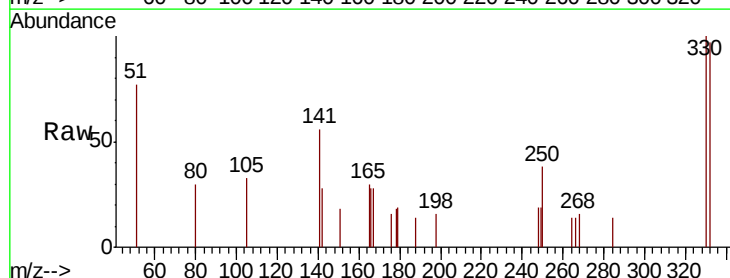
Tgt Ion:330 Resp: 933

Ion Ratio Lower Upper

330 100

332 97.3 72.4 108.6

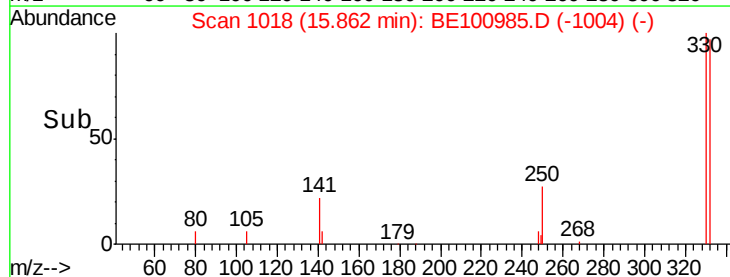
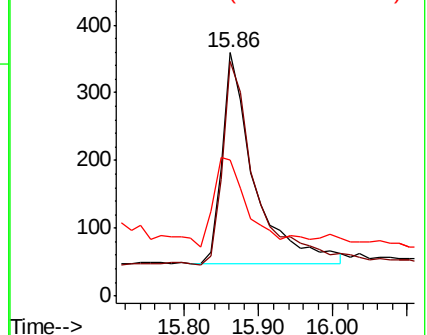
141 35.7 25.4 38.2

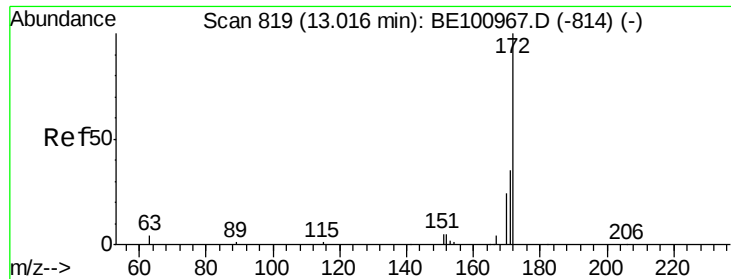


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

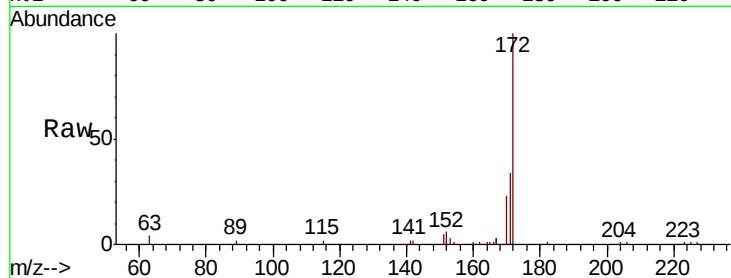




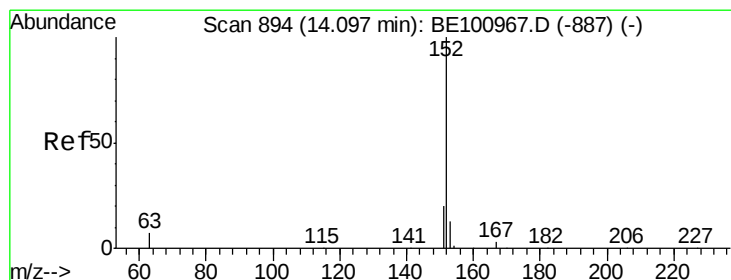
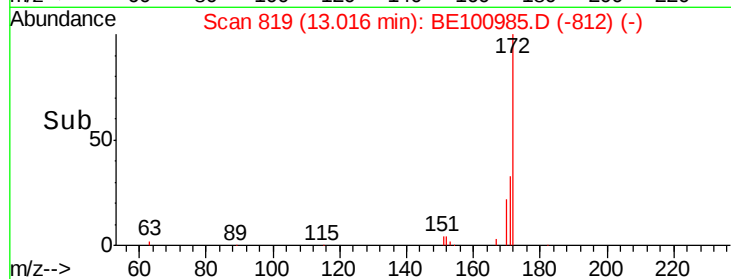
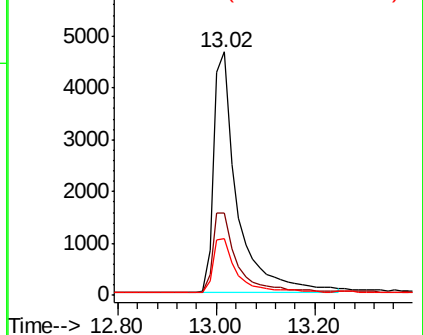
#15
2-Fluorobiphenyl
Concen: 0.419 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.00 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 15296
Ion Ratio Lower Upper
172 100
171 33.9 29.0 43.6
170 23.1 20.0 30.0

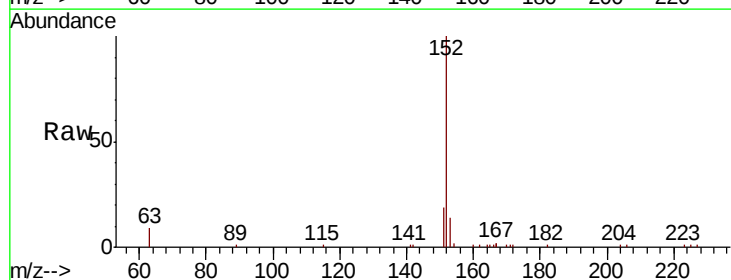


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

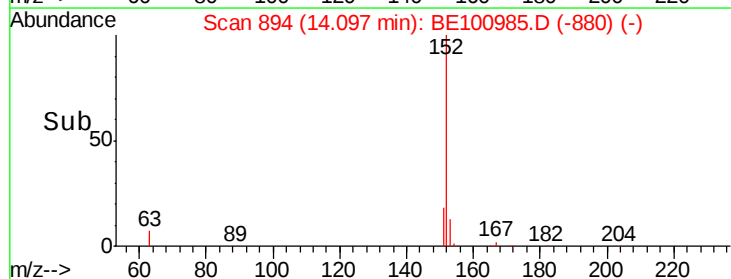
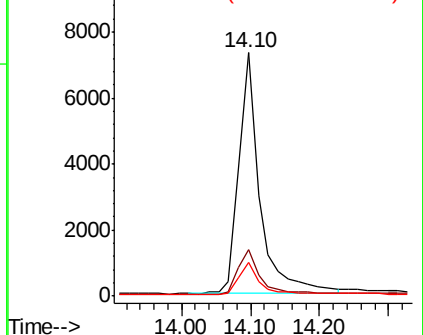


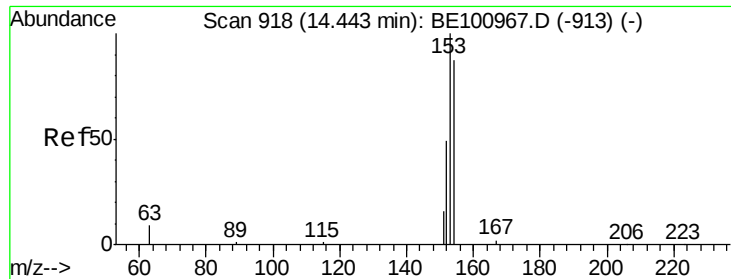
#16
Acenaphthylene
Concen: 0.405 ng
RT: 14.10 min Scan# 894
Delta R.T. 0.00 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Tgt Ion:152 Resp: 15557
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 13.2 10.5 15.7



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

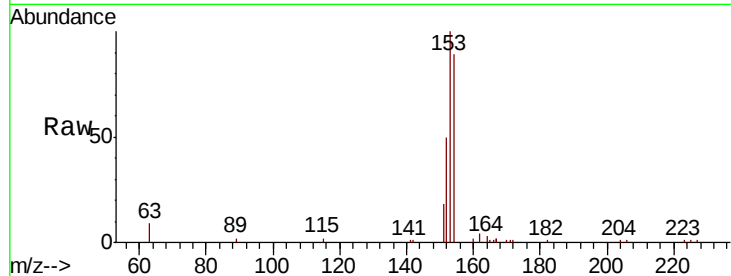




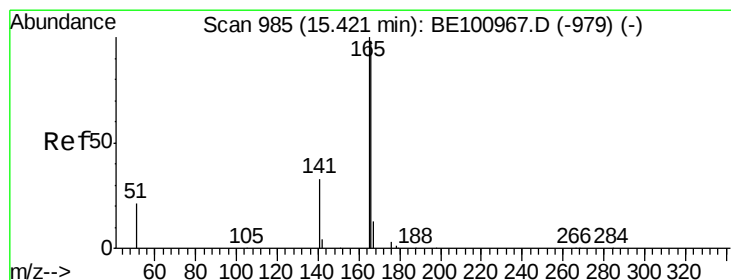
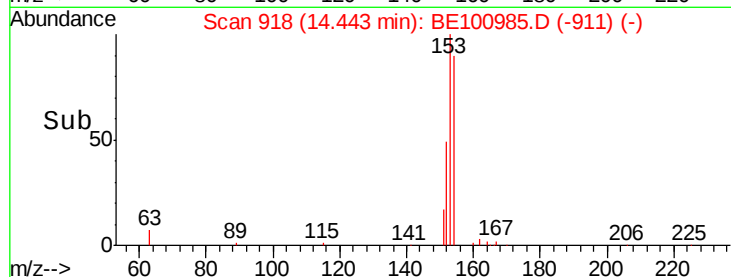
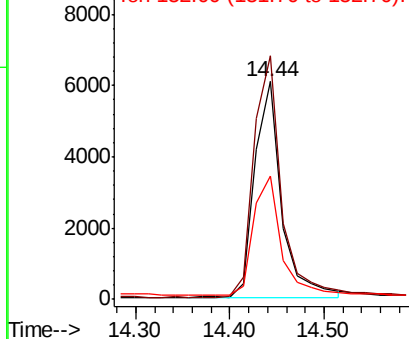
#17
Acenaphthene
Concen: 0.431 ng
RT: 14.44 min Scan# 918
Delta R.T. 0.00 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:154 Resp: 12027
Ion Ratio Lower Upper
154 100
153 114.9 91.7 137.5
152 56.7 44.5 66.7

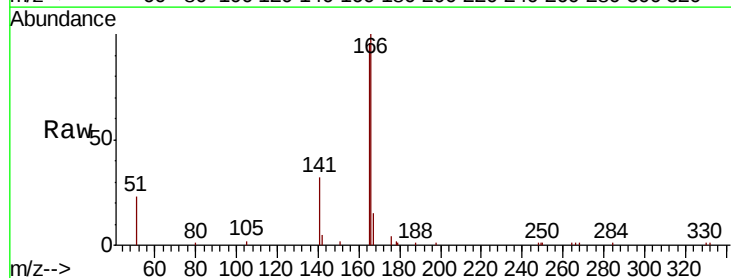


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

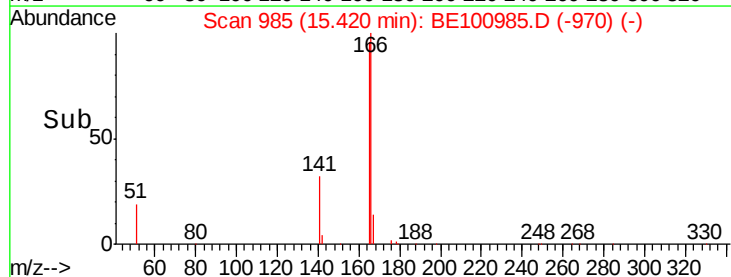
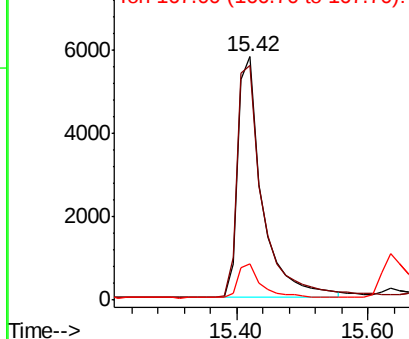


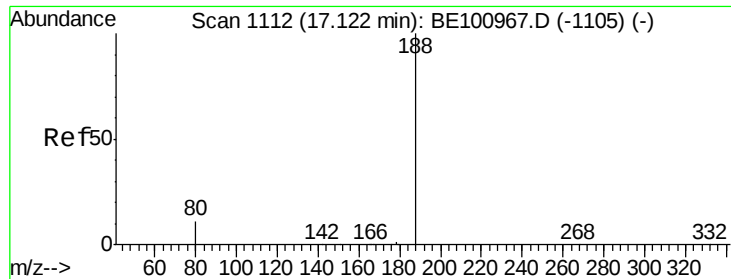
#18
Fluorene
Concen: 0.434 ng
RT: 15.42 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Tgt Ion:166 Resp: 15067
Ion Ratio Lower Upper
166 100
165 100.0 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

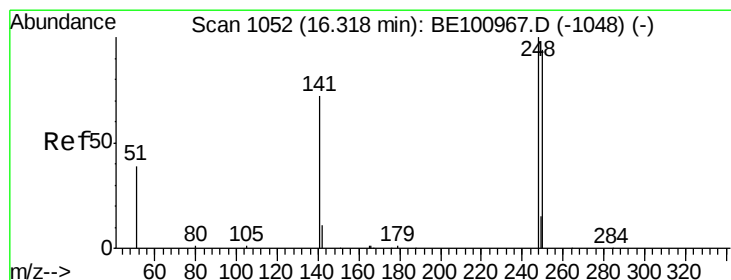
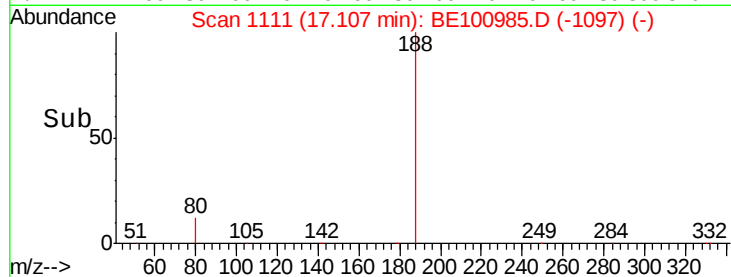
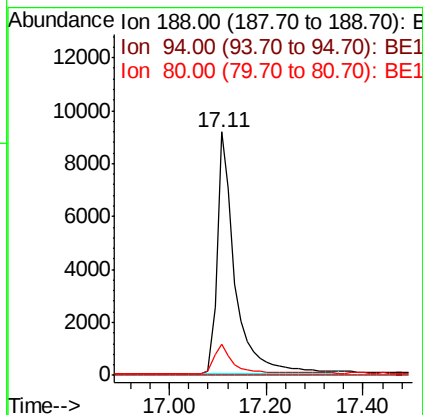




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

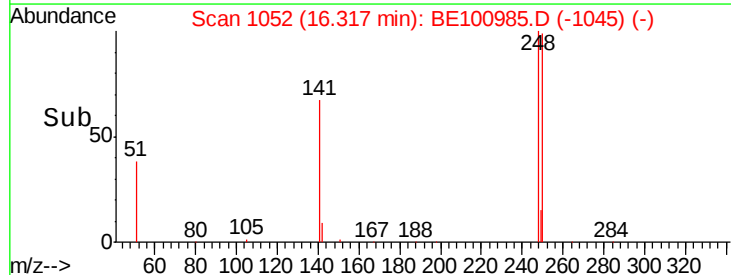
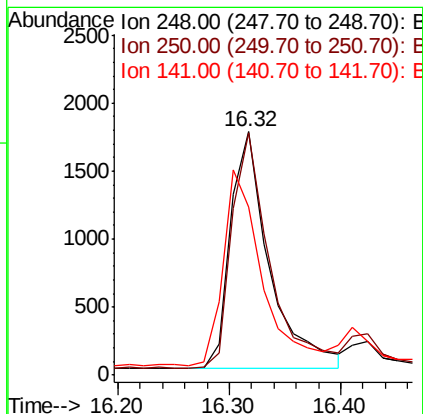
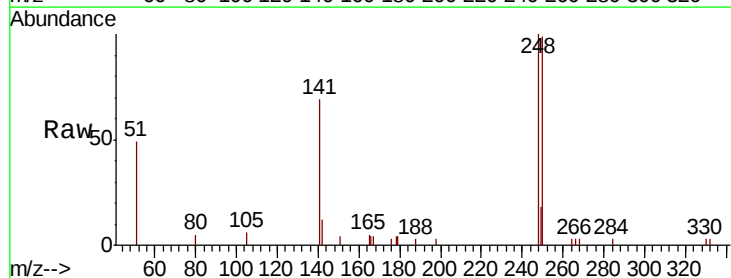
Instrument :
BNA_E
ClientSampleId :

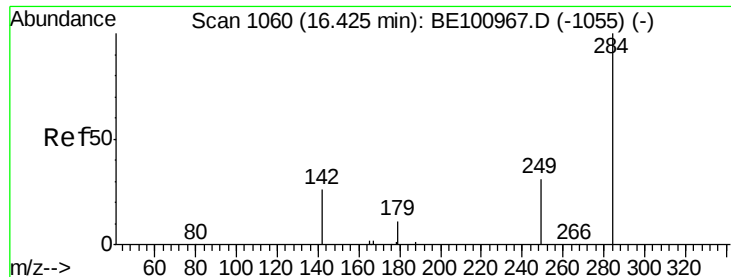
Tot Ion:188 Resp: 23599
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 9.7 14.5



#20
4-Bromophenyl-phenylether
Concen: 0.409 ng
RT: 16.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Tgt Ion:248 Resp: 4235
Ion Ratio Lower Upper
248 100
250 99.5 76.0 114.0
141 69.1 61.0 91.6

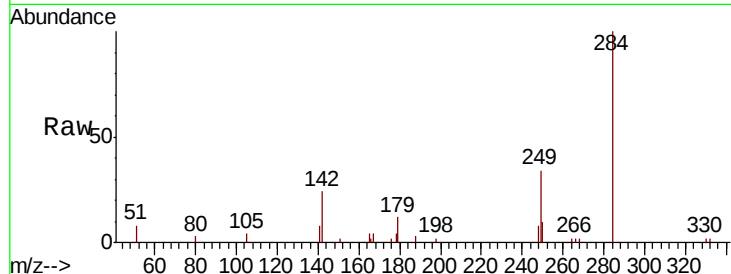




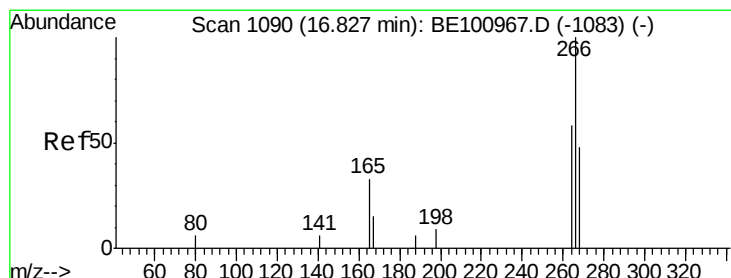
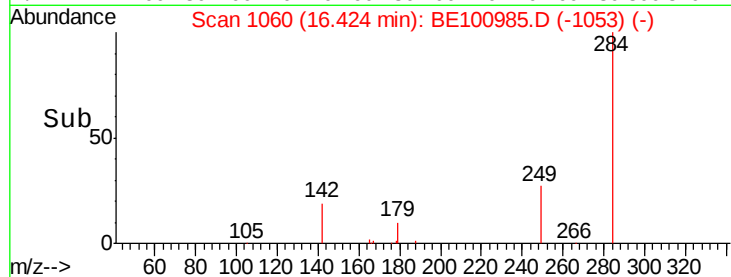
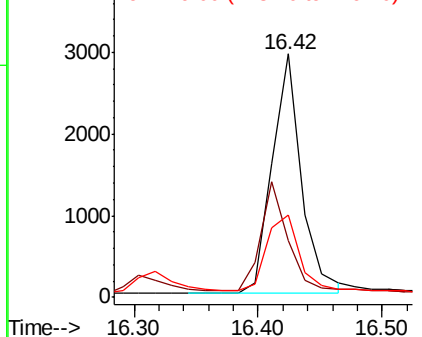
#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.42 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:284 Resp: 4778
Ion Ratio Lower Upper
284 100
142 41.9 33.3 49.9
249 35.2 27.2 40.8

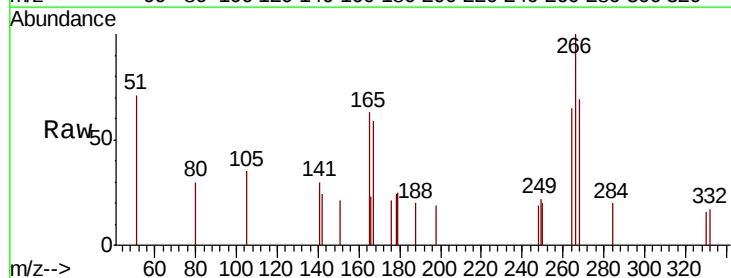


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

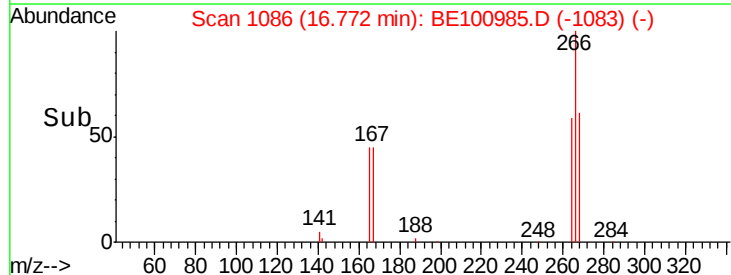
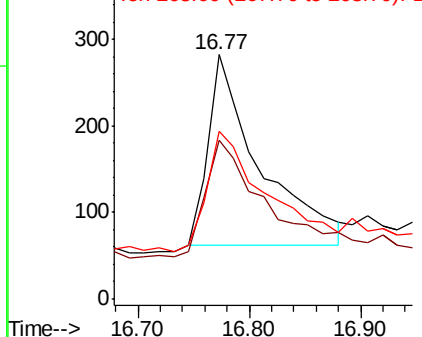


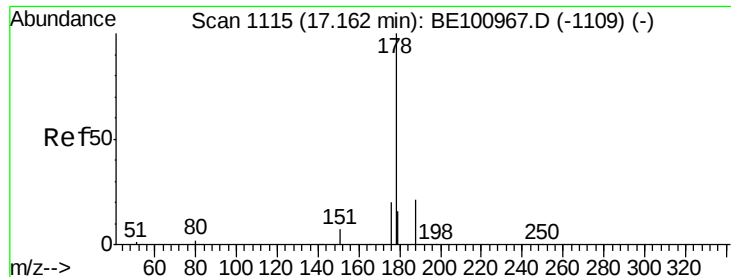
#22
Pentachlorophenol
Concen: 0.559 ng
RT: 16.77 min Scan# 1086
Delta R.T. -0.05 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Tgt Ion:266 Resp: 716
Ion Ratio Lower Upper
266 100
264 64.9 62.3 93.5
268 68.8 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: 0.425 ng

RT: 17.15 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

Instrument :

BNA_E

ClientSampleId :

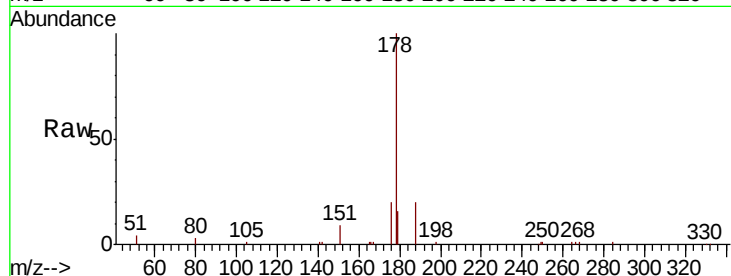
Tot Ion:178 Resp: 25862

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

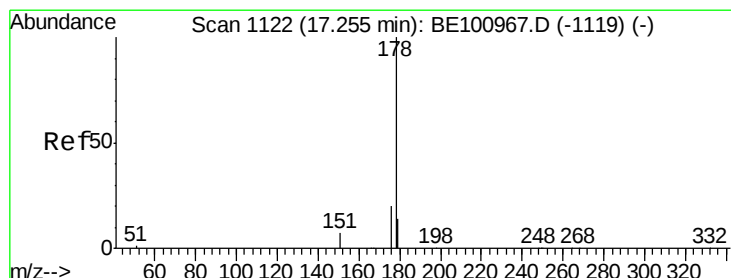
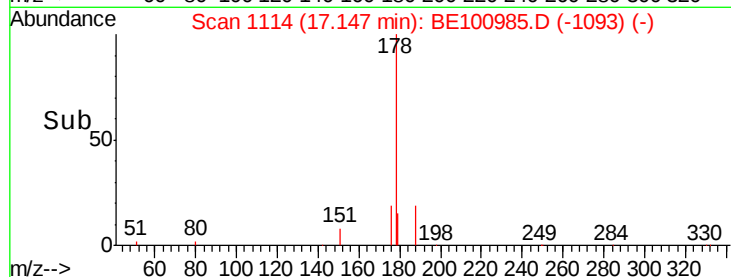
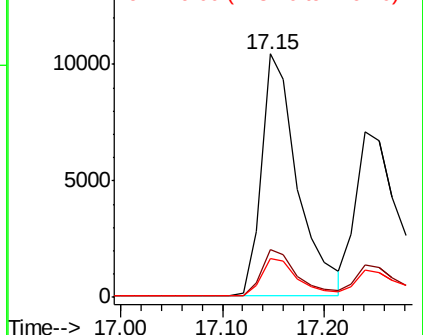
179 15.4 12.6 18.8



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: 0.272 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

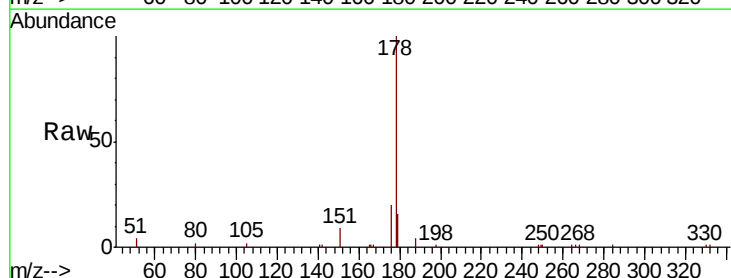
Tgt Ion:178 Resp: 16760

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

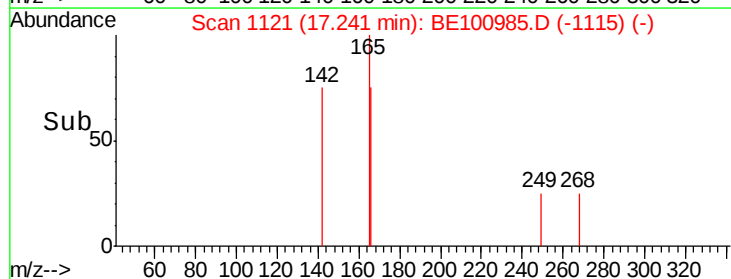
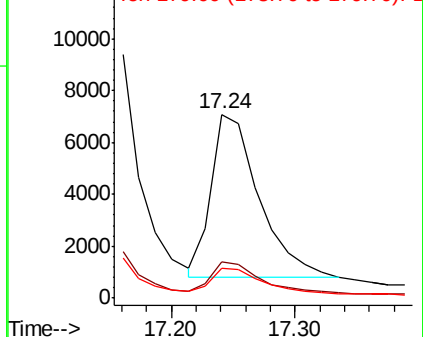
179 15.7 12.5 18.7

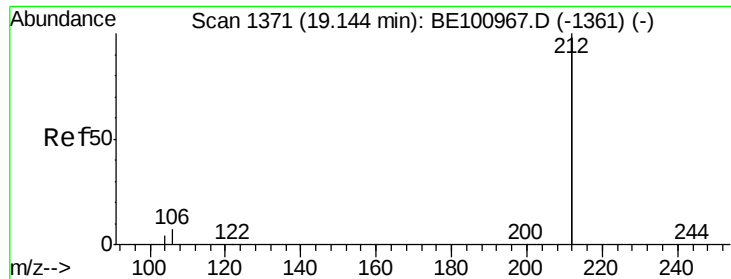


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

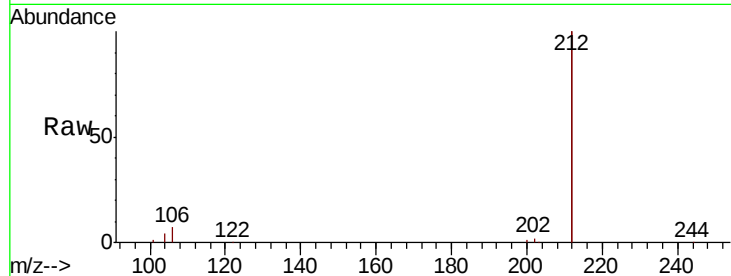




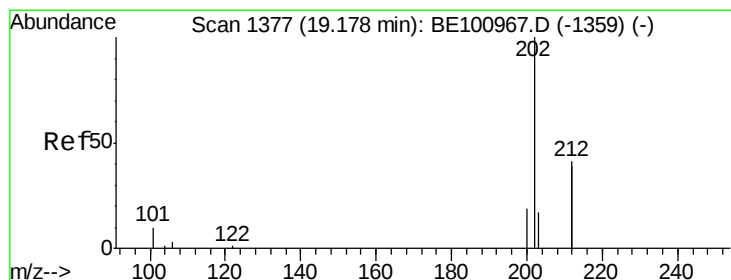
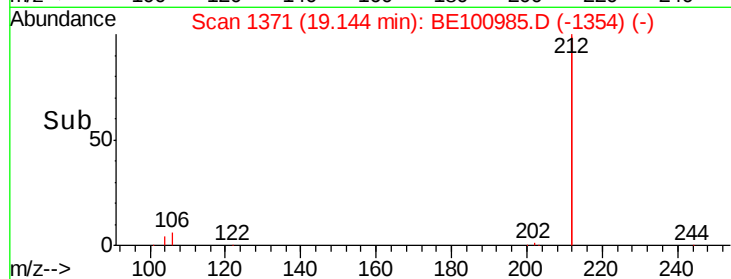
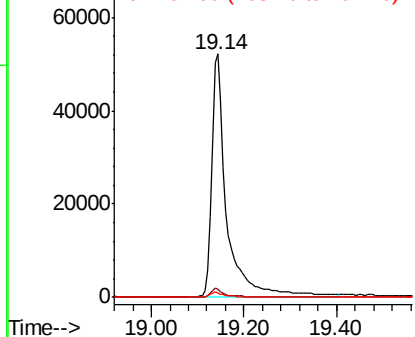
#25
 Fluoranthene-d10
 Concen: 0.407 ng
 RT: 19.14 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BE100985.D
 Acq: 26 Dec 2019 23:45

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:212 Resp: 116572
 Ion Ratio Lower Upper
 212 100
 106 3.3 2.4 3.6
 104 1.9 1.4 2.0

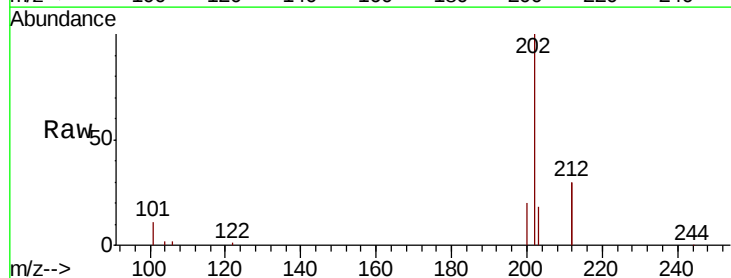


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

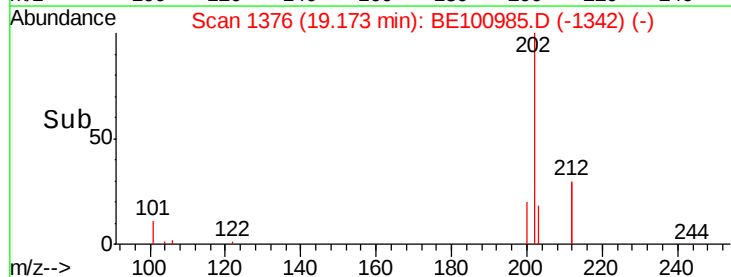
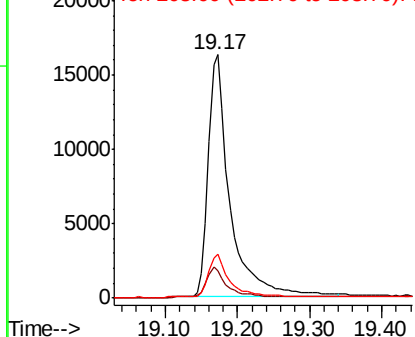


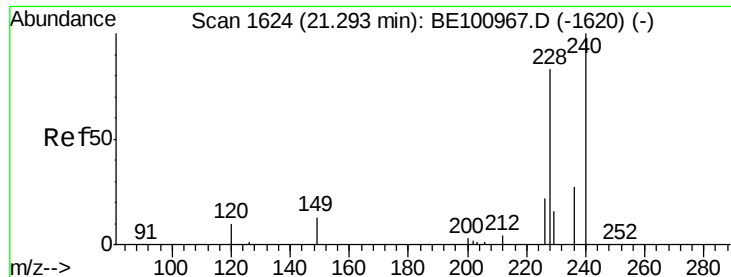
#26
 Fluoranthene
 Concen: 0.415 ng
 RT: 19.17 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BE100985.D
 Acq: 26 Dec 2019 23:45

Tgt Ion:202 Resp: 34425
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.0 13.4
 203 16.7 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: BE100985.D

Acq: 26 Dec 2019 23:45

Instrument :

BNA_E

ClientSampleId :

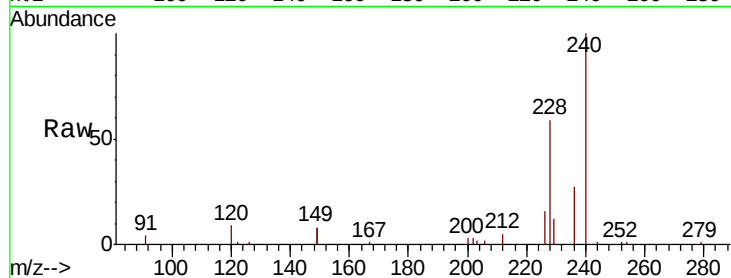
Tot Ion:240 Resp: 23092

Ion Ratio Lower Upper

240 100

120 8.7 10.2 15.4#

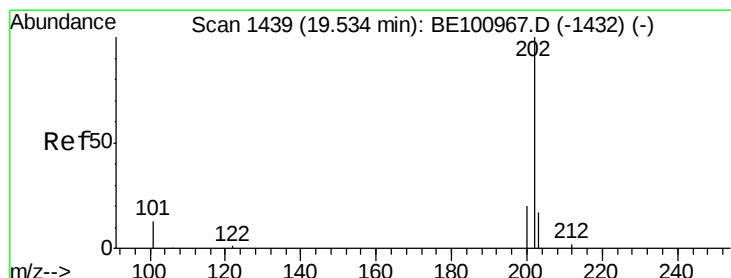
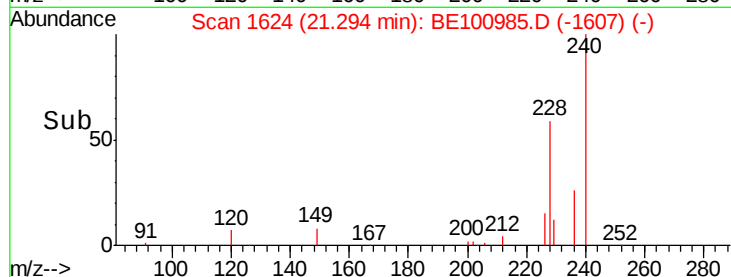
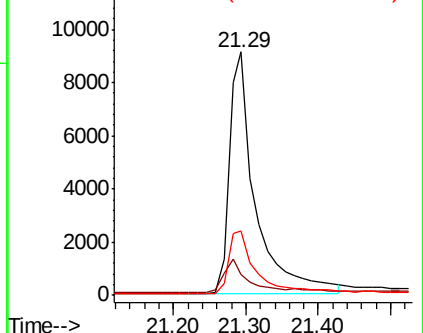
236 26.6 22.6 34.0



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: 0.445 ng

RT: 19.53 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

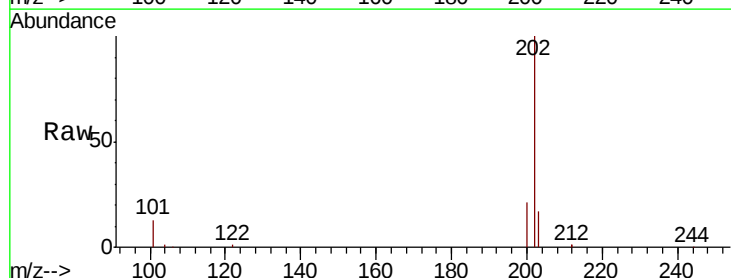
Tgt Ion:202 Resp: 35988

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

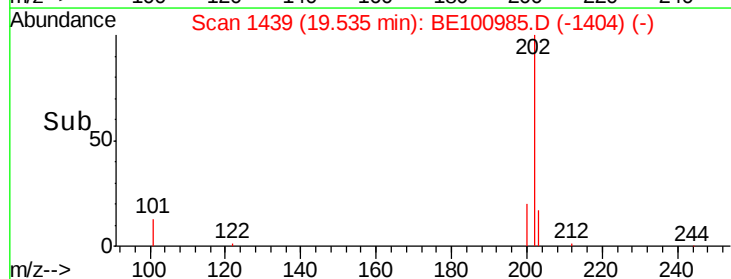
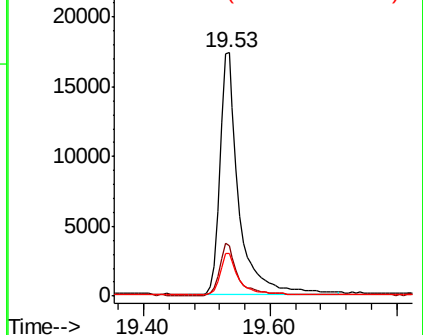
203 16.8 13.8 20.6

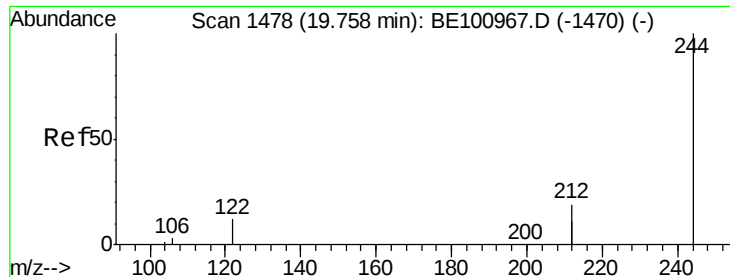


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.428 ng

RT: 19.75 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

Instrument :

BNA_E

ClientSampled :

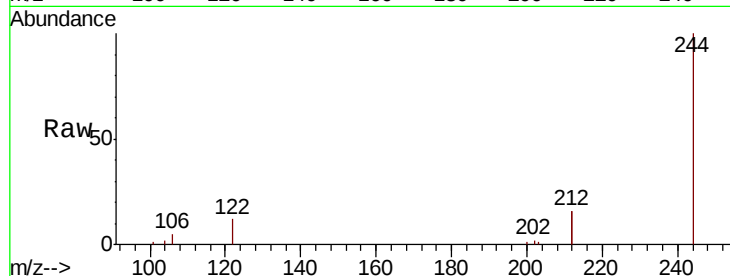
Tot Ion:244 Resp: 22723

Ion Ratio Lower Upper

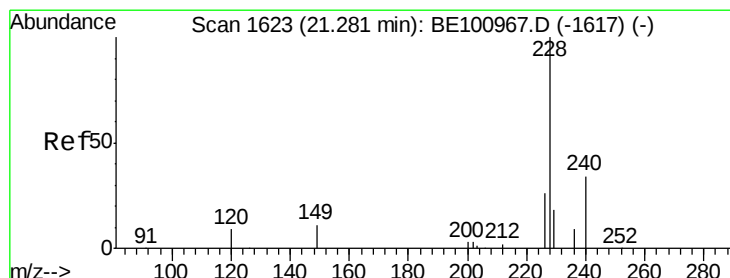
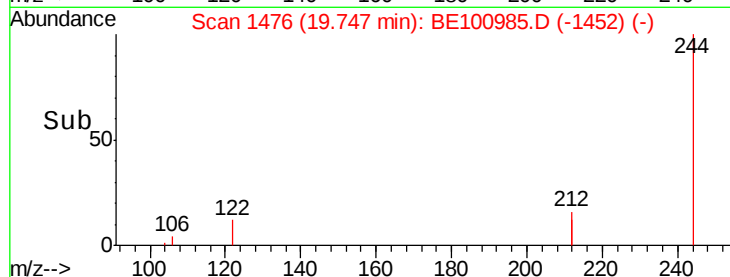
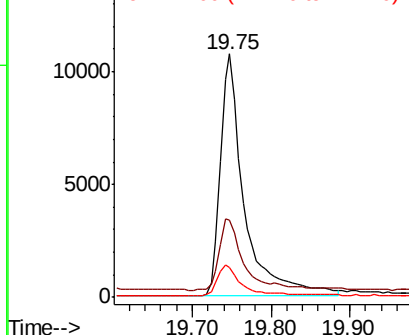
244 100

212 31.9 29.3 43.9

122 12.4 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: 0.438 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

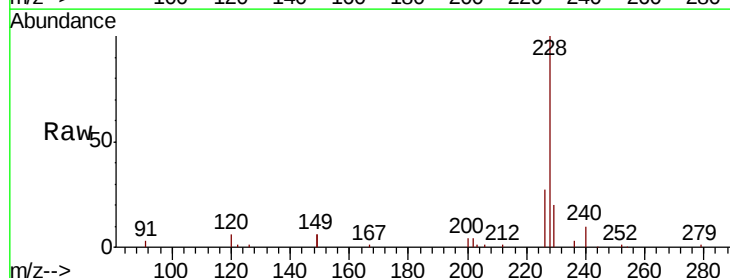
Tgt Ion:228 Resp: 24734

Ion Ratio Lower Upper

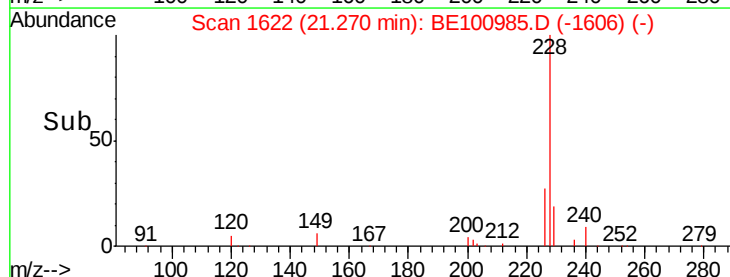
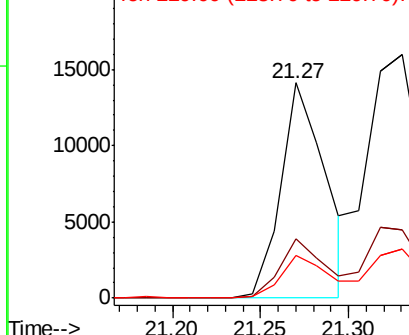
228 100

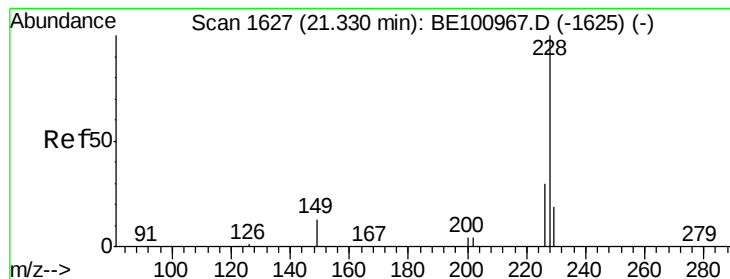
226 27.4 21.8 32.6

229 19.6 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: 0.328 ng

RT: 21.33 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

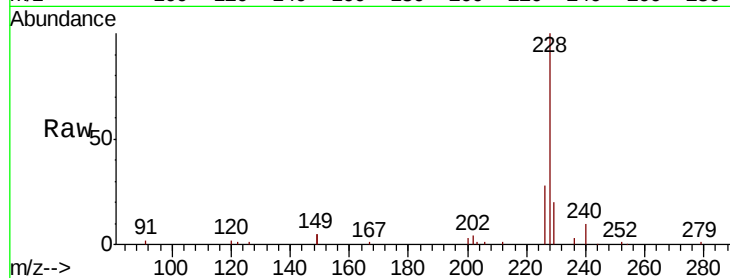
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 34566

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.6	35.4
229	20.0	15.7	23.5

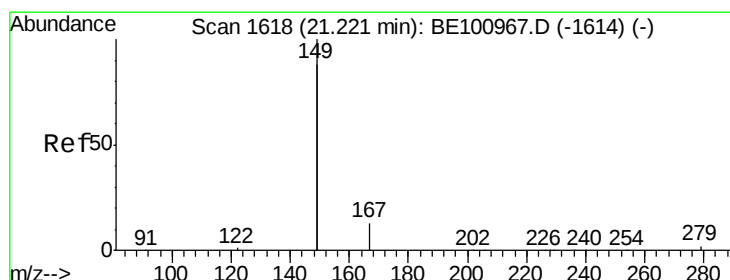
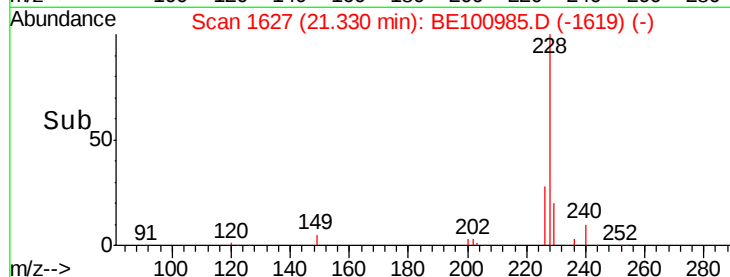
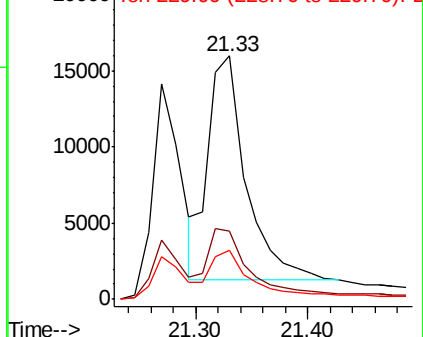


Abundance

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: 0.487 ng

RT: 21.21 min Scan# 1617

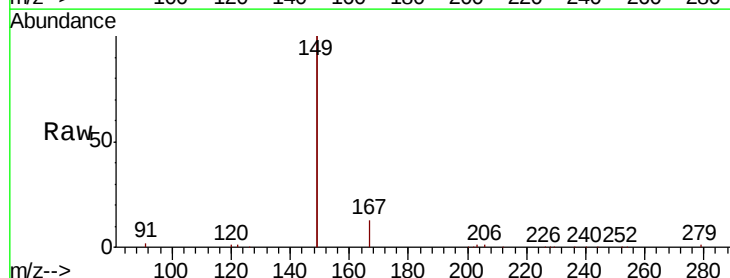
Delta R.T. -0.01 min

Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

Tgt Ion:149 Resp: 48834

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.1	7.7
279	0.9	0.6	1.0

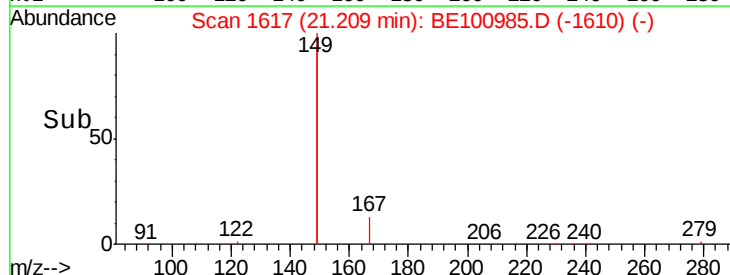
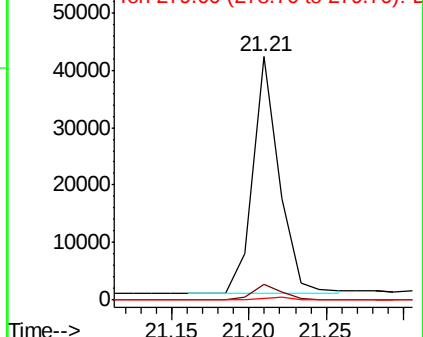


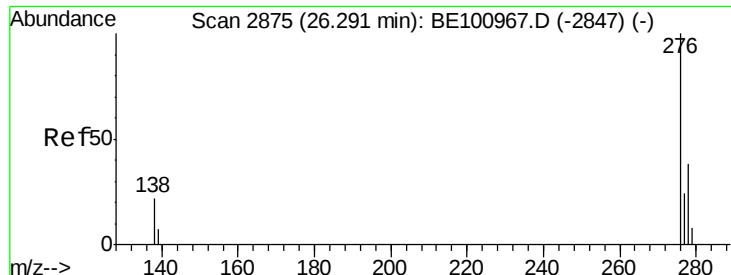
Abundance

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

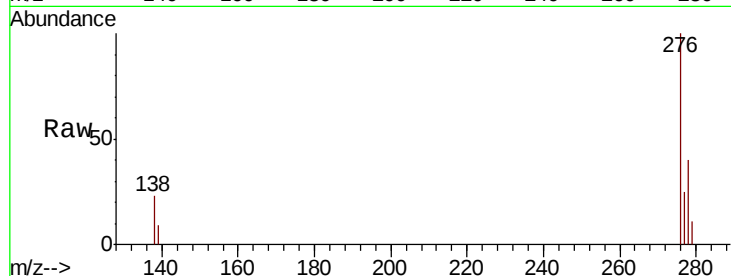




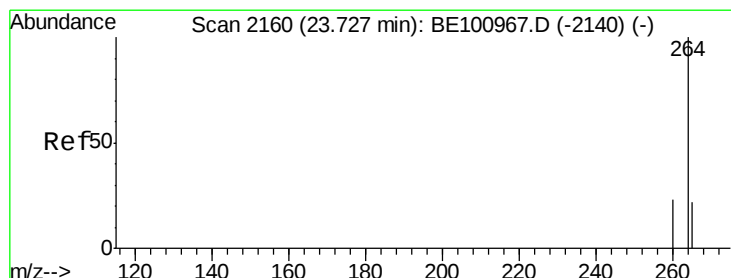
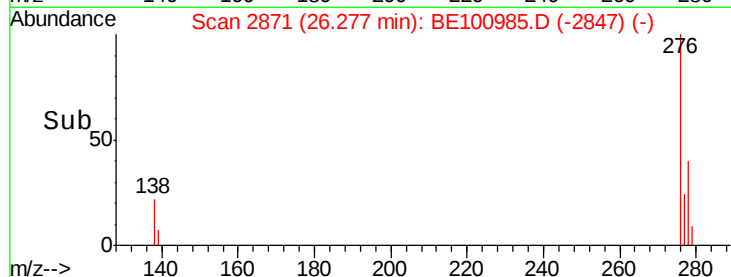
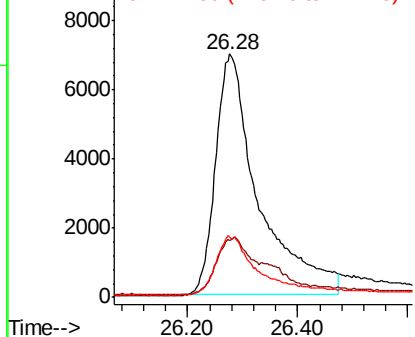
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.477 ng
RT: 26.28 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 37814
Ion Ratio Lower Upper
276 100
138 18.4 14.8 22.2
277 23.2 18.0 27.0

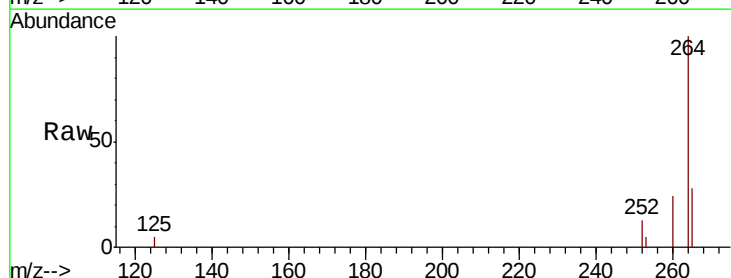


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

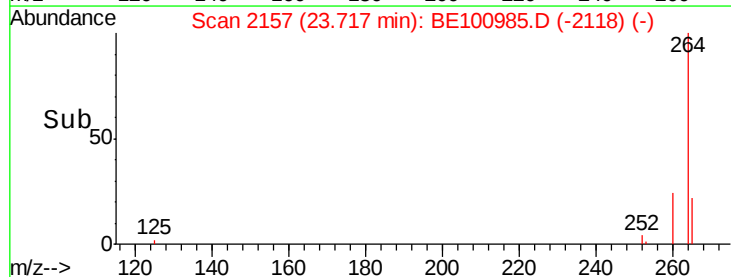
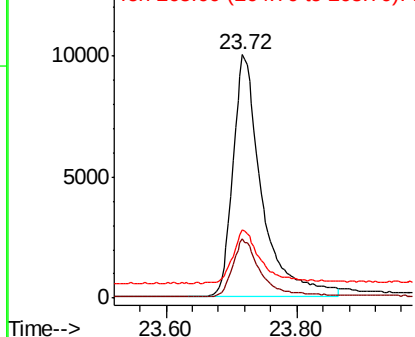


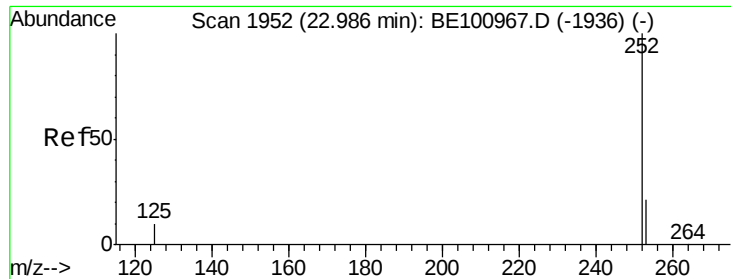
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.72 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Tgt Ion:264 Resp: 30702
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 27.9 26.6 40.0



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

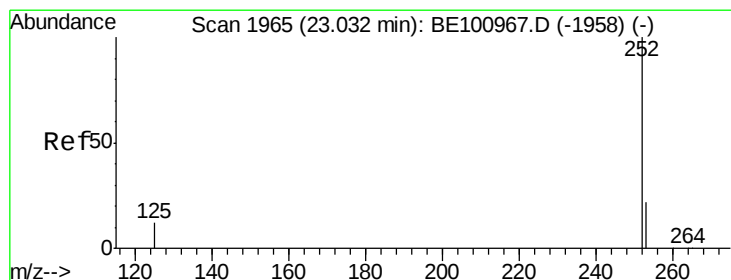
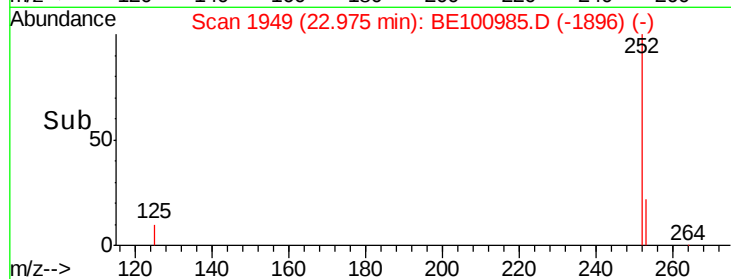
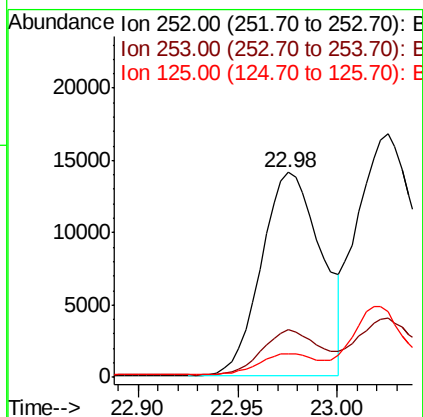
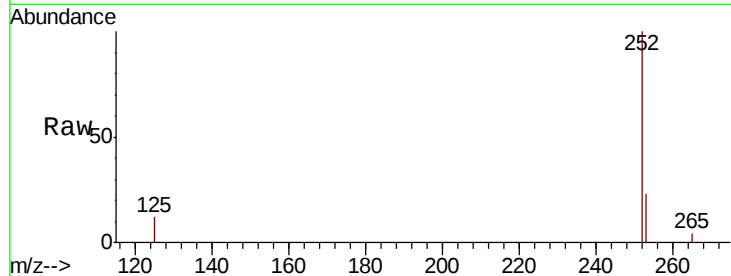




#35
Benzo(b)fluoranthene
Concen: 0.454 ng
RT: 22.98 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

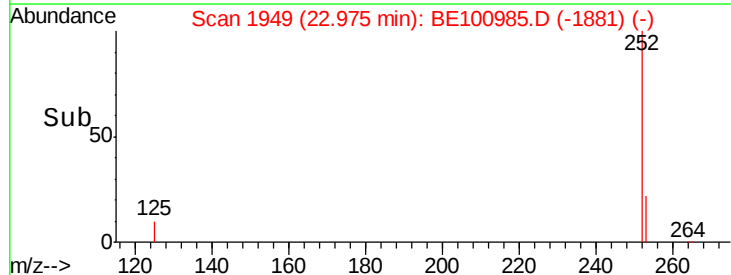
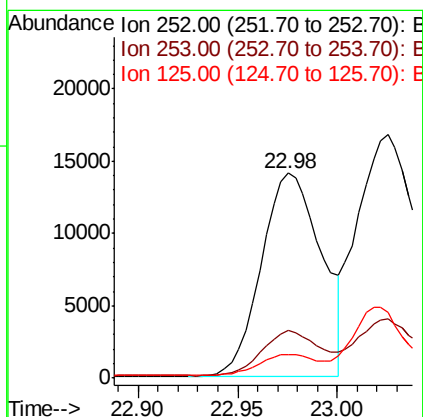
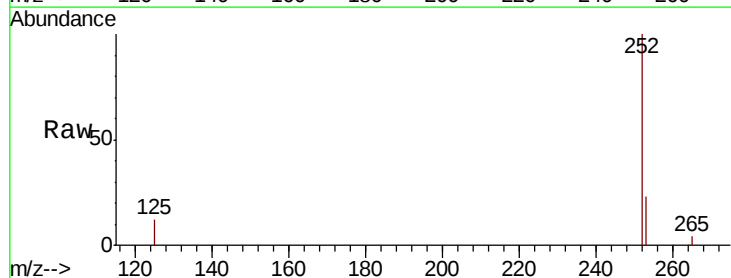
Instrument :
BNA_E
ClientSampleId :

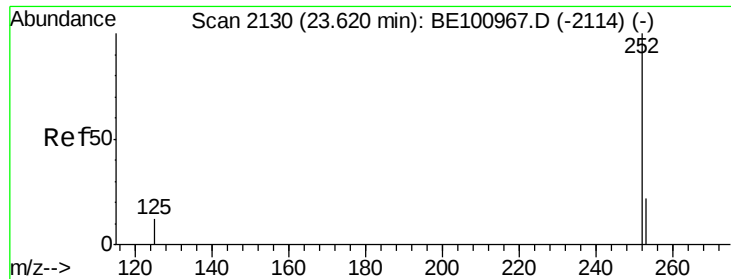
Tot Ion:252 Resp: 29363
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 11.6 9.7 14.5



#36
Benzo(k)fluoranthene
Concen: 0.240 ng
RT: 22.98 min Scan# 1949
Delta R.T. -0.06 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Tgt Ion:252 Resp: 29363
Ion Ratio Lower Upper
252 100
253 23.0 18.9 28.3
125 11.6 11.2 16.8

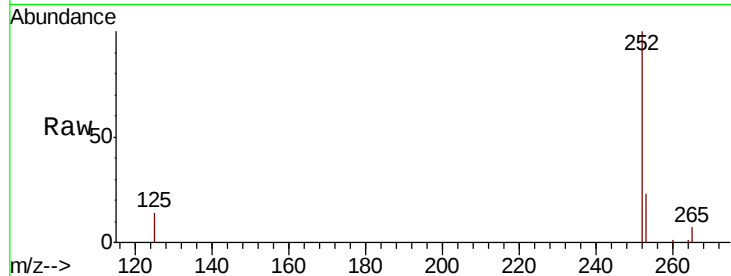




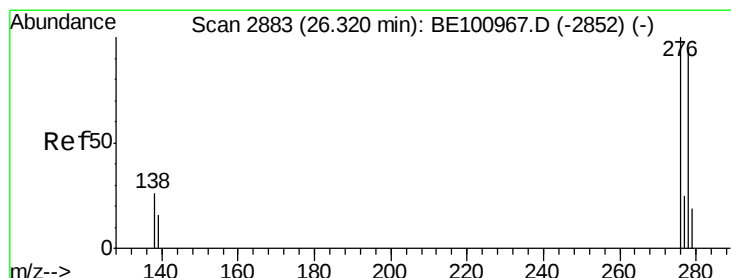
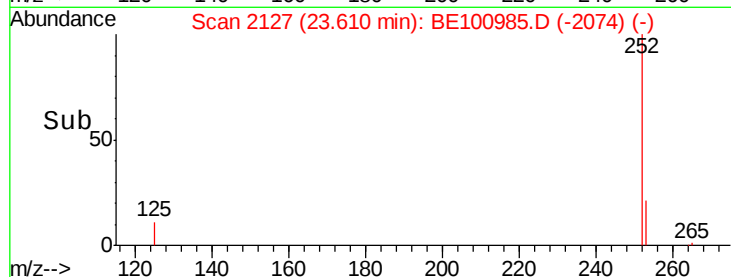
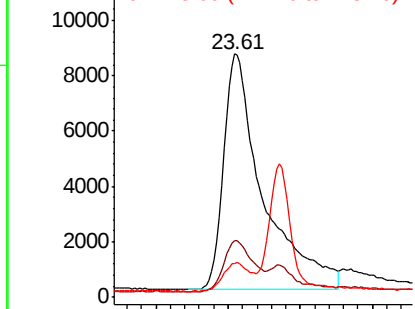
#37
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.61 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 32035
Ion Ratio Lower Upper
252 100
253 23.2 20.1 30.1
125 13.9 12.6 18.8

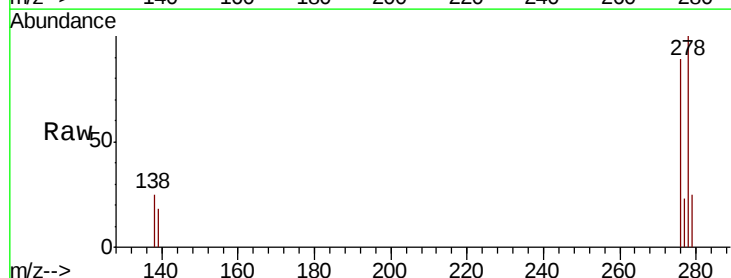


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

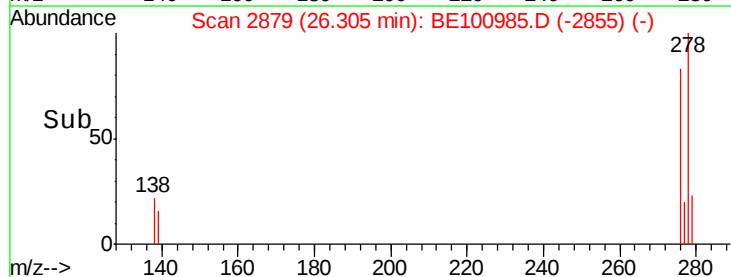
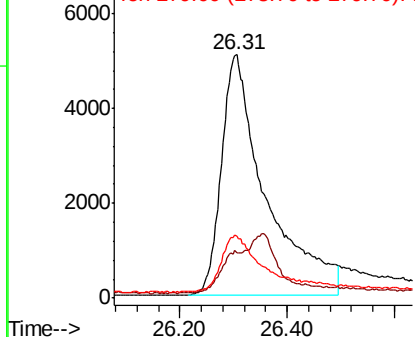


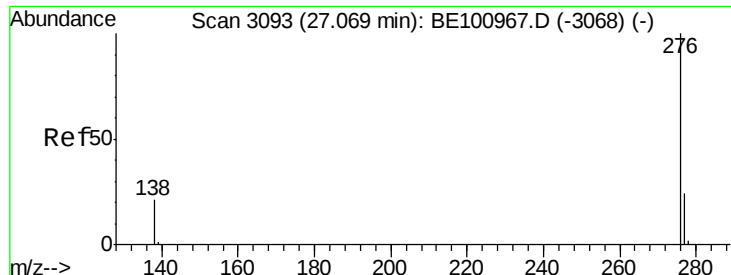
#38
Dibenzo(a,h)anthracene
Concen: 0.428 ng
RT: 26.31 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BE100985.D
Acq: 26 Dec 2019 23:45

Tgt Ion:278 Resp: 29241
Ion Ratio Lower Upper
278 100
139 18.3 16.4 24.6
279 25.4 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.436 ng

RT: 27.05 min Scan# 3089

Delta R.T. -0.01 min

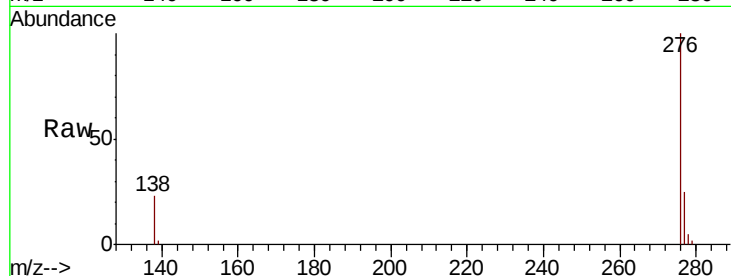
Lab File: BE100985.D

Acq: 26 Dec 2019 23:45

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 35080

Ion Ratio Lower Upper

276 100

277 24.6 20.0 30.0

138 22.8 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

