

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062620\
 Data File : BN011059.D
 Acq On : 26 Jun 2020 14:54
 Operator : CG/JU
 Sample : PB129798BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129798BSD

Quant Time: Jun 26 15:42:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 11:59:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2202	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	7537	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	3918	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	7869	0.40	ng	0.00
29) Chrysene-d12	21.11	240	7652	0.40	ng	0.00
36) Perylene-d12	23.25	264	7978	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2688	0.43	ng	0.00
5) Phenol-d6	6.73	99	2912	0.40	ng	0.00
8) Nitrobenzene-d5	8.66	82	2632	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	5686	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	666	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	7530	0.41	ng	0.00
27) Fluoranthene-d10	18.94	212	10115	0.41	ng	0.00
31) Terphenyl-d14	19.56	244	8303	0.40	ng	0.00

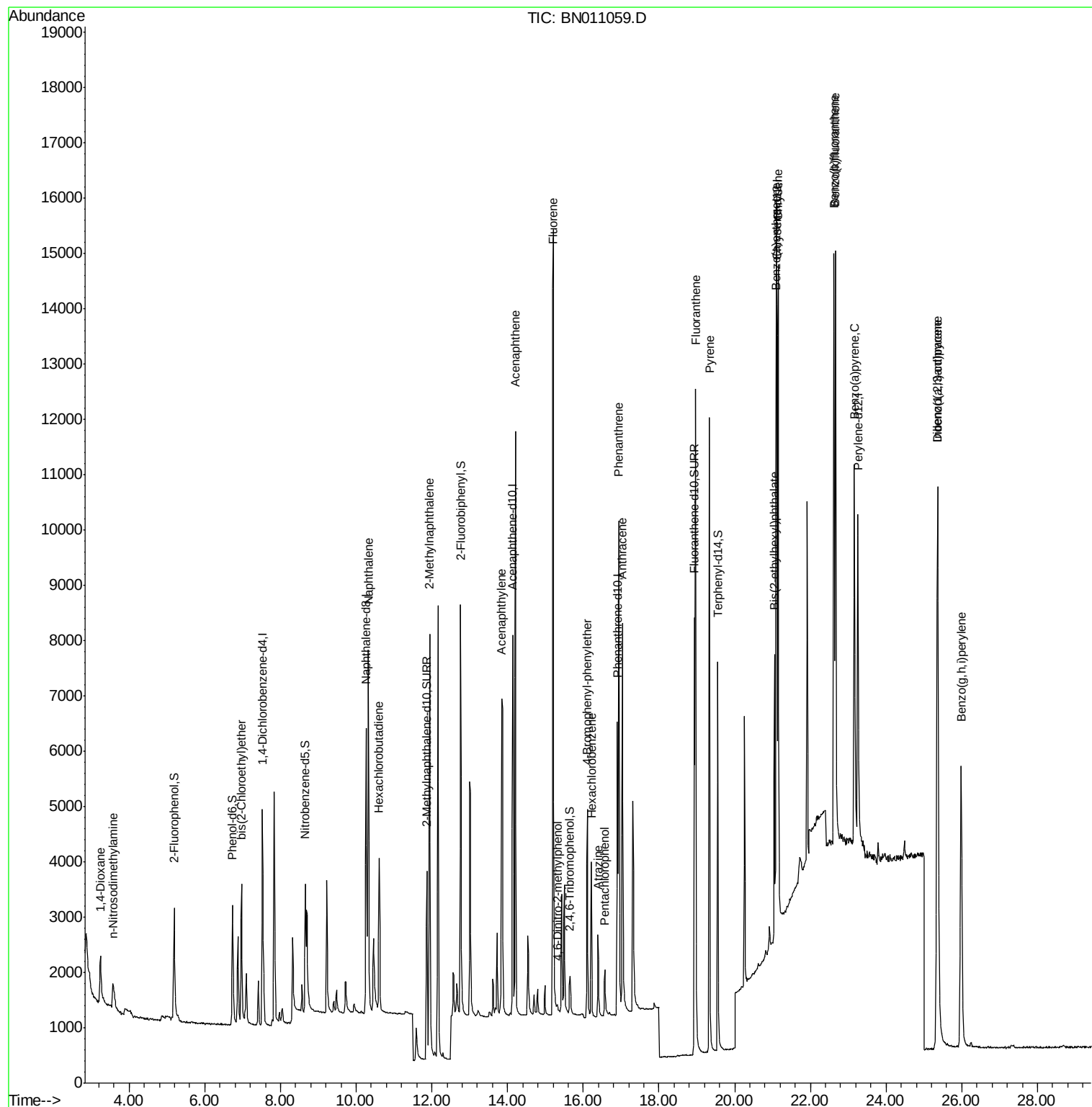
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1217	0.411	ng	99
3) n-Nitrosodimethylamine	3.57	42	605	0.366	ng	# 90
6) bis(2-Chloroethyl)ether	6.97	93	2611	0.411	ng	99
9) Naphthalene	10.32	128	8955	0.391	ng	99
10) Hexachlorobutadiene	10.61	225	2196	0.398	ng	# 99
12) 2-Methylnaphthalene	11.94	142	6568	0.428	ng	100
16) Acenaphthylene	13.85	152	7944	0.402	ng	99
17) Acenaphthene	14.20	154	5361	0.404	ng	99
18) Fluorene	15.19	166	7589	0.449	ng	100
20) 4,6-Dinitro-2-methylphenol	15.32	198	145	0.110	ng	# 41
21) 4-Bromophenyl-phenylether	16.10	248	2119	0.389	ng	# 81
22) Hexachlorobenzene	16.21	284	2478	0.412	ng	99
23) Atrazine	16.38	200	1514	0.376	ng	# 94
24) Pentachlorophenol	16.57	266	593	0.312	ng	94
25) Phenanthrene	16.93	178	10546	0.398	ng	100
26) Anthracene	17.03	178	8707	0.396	ng	99
28) Fluoranthene	18.97	202	12034	0.397	ng	100
30) Pyrene	19.33	202	11665	0.396	ng	100
32) Benzo(a)anthracene	21.10	228	10161	0.383	ng	98
33) Chrysene	21.15	228	12222	0.423	ng	100
34) Bis(2-ethylhexyl)phthalate	21.06	149	4347	0.408	ng	98
35) Indeno(1,2,3-cd)pyrene	25.35	276	13417	0.417	ng	100
37) Benzo(b)fluoranthene	22.62	252	13354	0.423	ng	98
38) Benzo(k)fluoranthene	22.66	252	13930	0.425	ng	98
39) Benzo(a)pyrene	23.16	252	11217	0.400	ng	96
40) Dibenzo(a,h)anthracene	25.37	278	10829	0.358	ng	98
41) Benzo(g,h,i)perylene	25.98	276	11416	0.365	ng	99

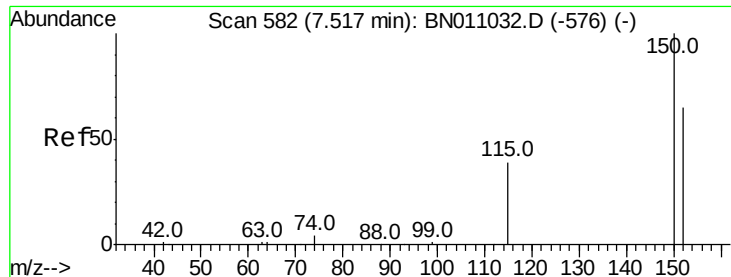
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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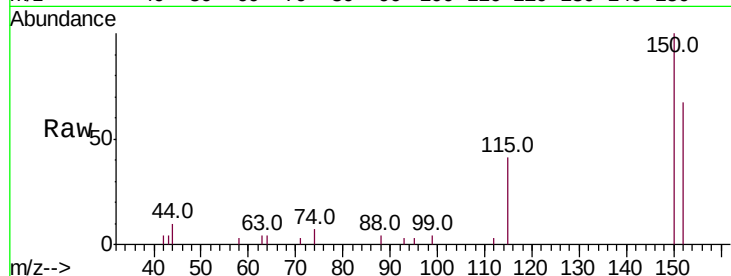


#1

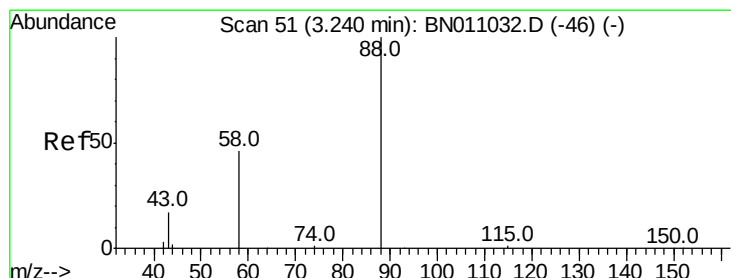
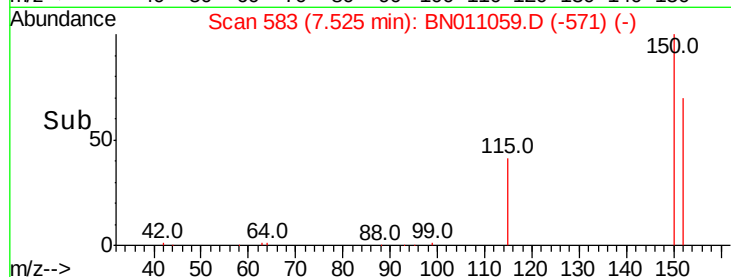
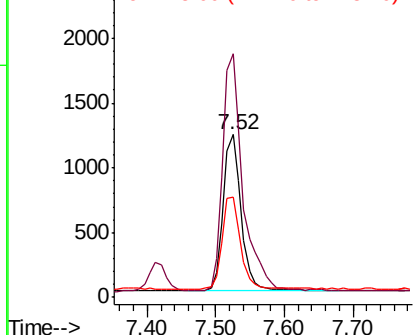
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tot Ion:152 Resp: 2202
Ion Ratio Lower Upper
152 100
150 149.5 121.8 182.8
115 62.0 50.2 75.2



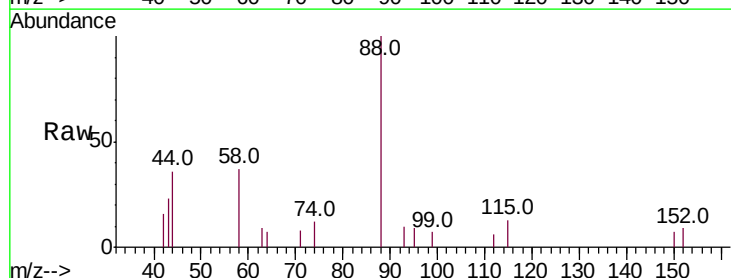
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



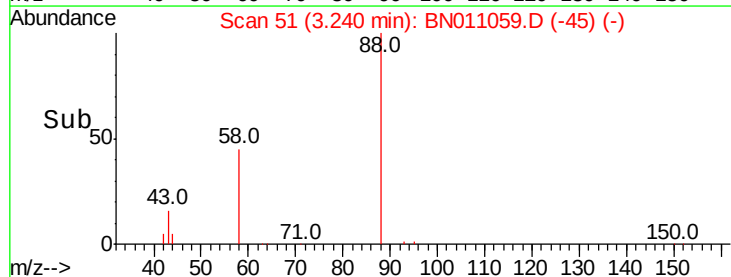
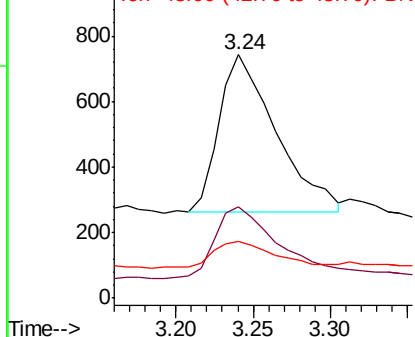
#2

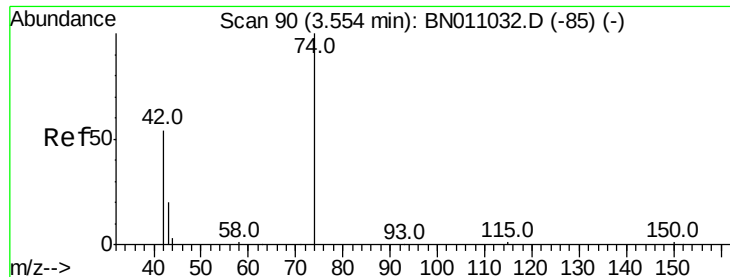
1,4-Dioxane
Concen: 0.411 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion: 88 Resp: 1217
Ion Ratio Lower Upper
88 100
58 48.2 38.4 57.6
43 17.1 14.2 21.4



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



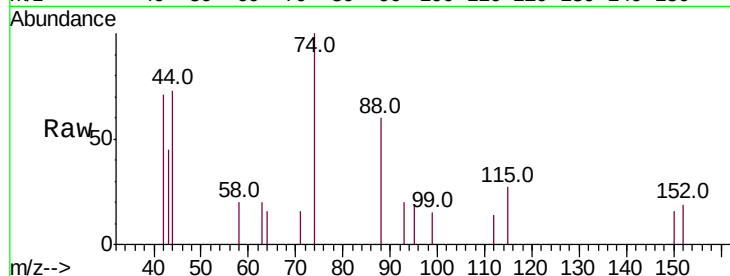


#3

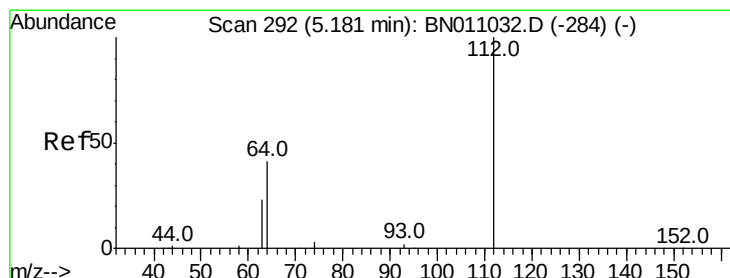
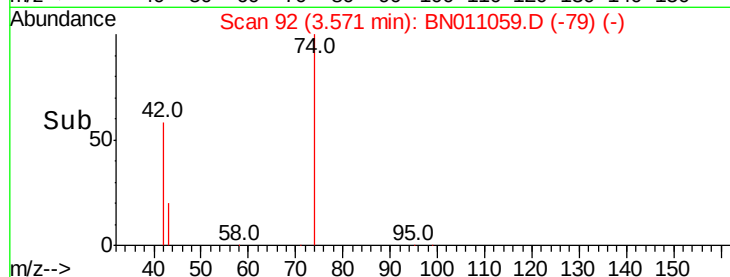
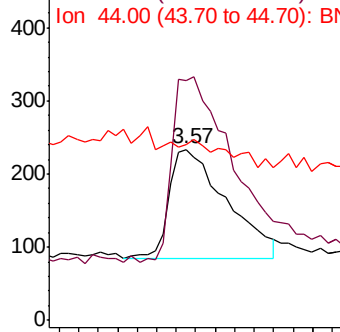
n-Nitrosodimethylamine
 Concen: 0.366 ng
 RT: 3.57 min Scan# 92
 Delta R.T. 0.01 min
 Lab File: BN011059.D
 Acq: 26 Jun 2020 14:54

Instrument :
 BNA_N
 ClientSampleId :
 PB129798BSD

Tot Ion: 42 Resp: 605
 Ion Ratio Lower Upper
 42 100
 74 178.7 154.8 232.2
 44 0.0 4.8 7.2#



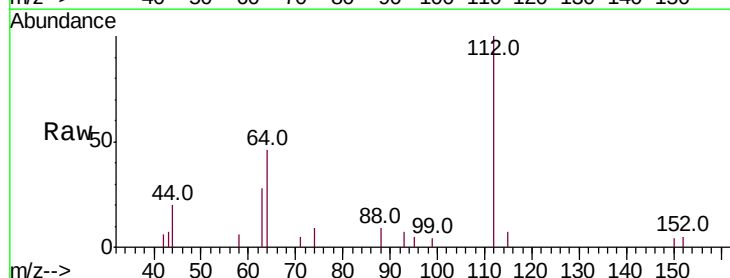
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



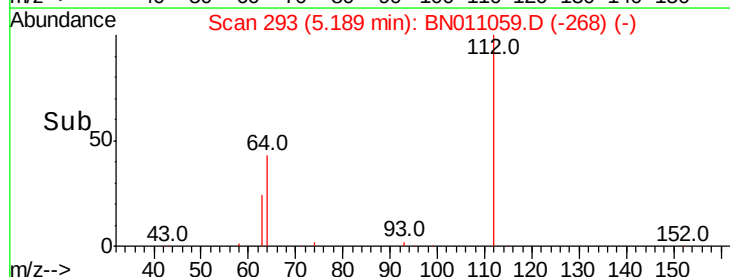
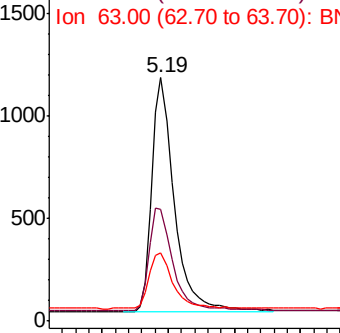
#4

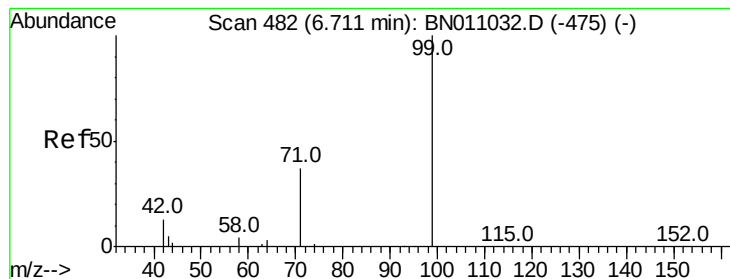
2-Fluorophenol
 Concen: 0.433 ng
 RT: 5.19 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: BN011059.D
 Acq: 26 Jun 2020 14:54

Tgt Ion: 112 Resp: 2688
 Ion Ratio Lower Upper
 112 100
 64 47.4 37.3 55.9
 63 24.5 20.4 30.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.396 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

ClientSampleId :

PB129798BSD

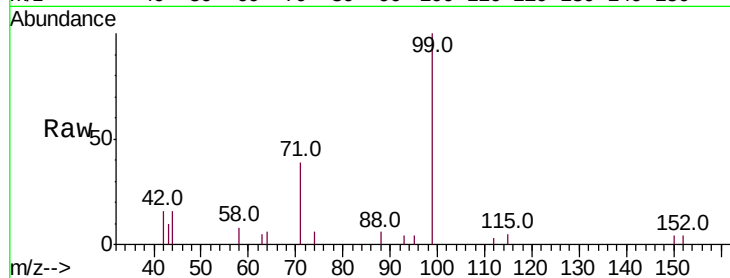
Tot Ion: 99 Resp: 2912

Ion Ratio Lower Upper

99 100

42 12.6 10.6 16.0

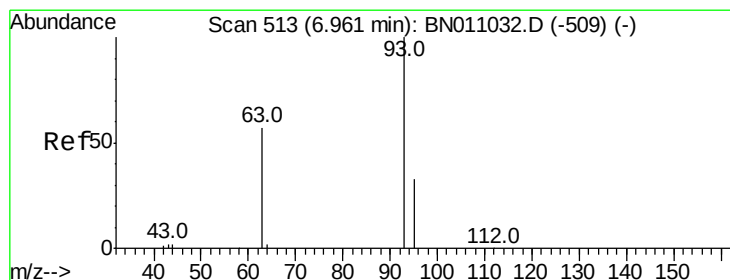
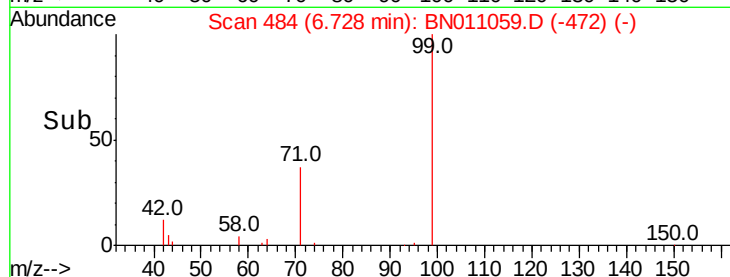
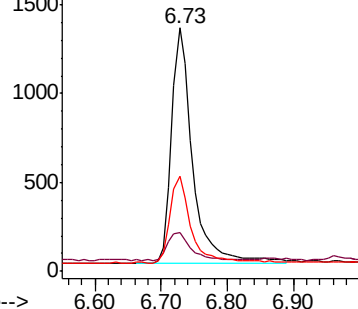
71 36.1 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BN011032.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011032.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011032.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.411 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

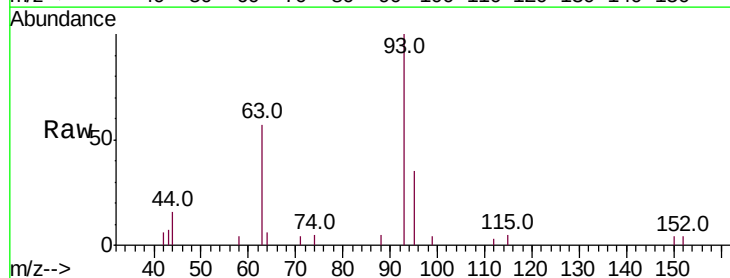
Tgt Ion: 93 Resp: 2611

Ion Ratio Lower Upper

93 100

63 53.6 43.7 65.5

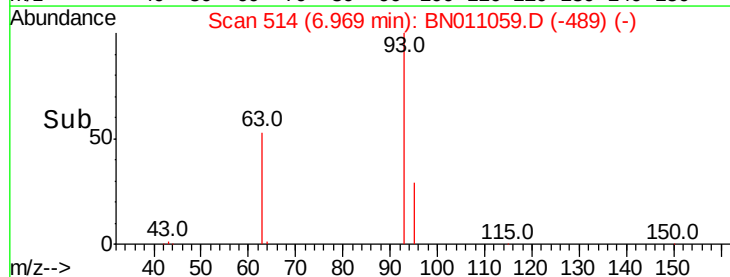
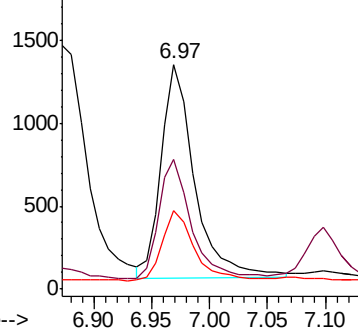
95 30.9 25.3 37.9

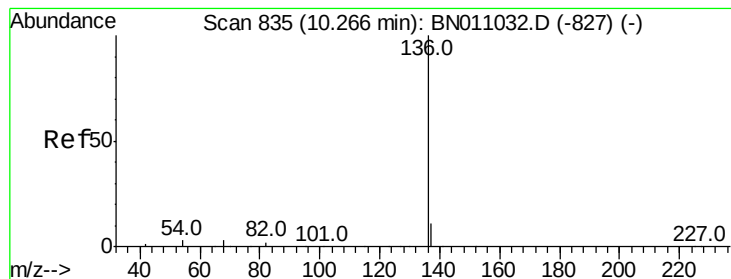


Abundance Ion 93.00 (92.70 to 93.70): BN011032.D (-509) (-)

Ion 63.00 (62.70 to 63.70): BN011032.D (-509) (-)

Ion 95.00 (94.70 to 95.70): BN011032.D (-509) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

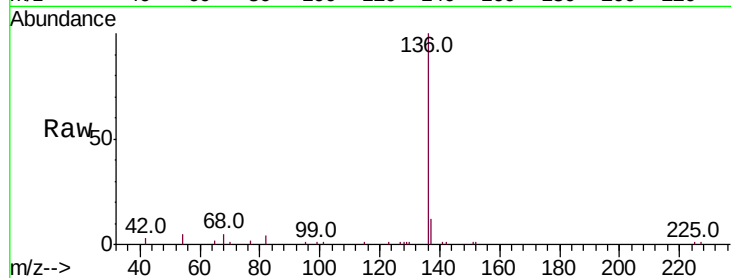
ClientSampleId :

PB129798BSD

Tot Ion:136 Resp: 7537

Ion Ratio Lower Upper

136	100		
137	11.9	9.6	14.4
54	4.8	3.0	4.4#
68	5.0	3.4	5.2

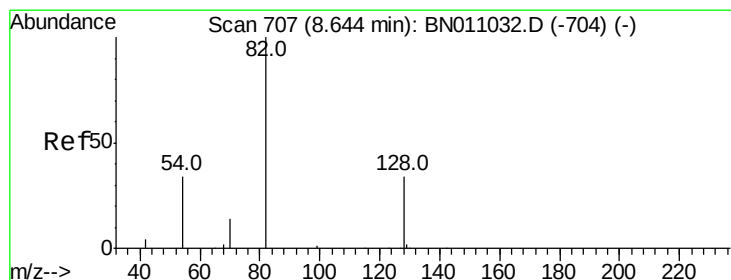
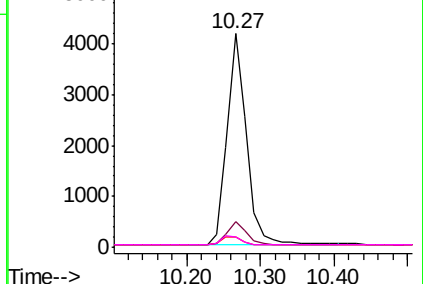
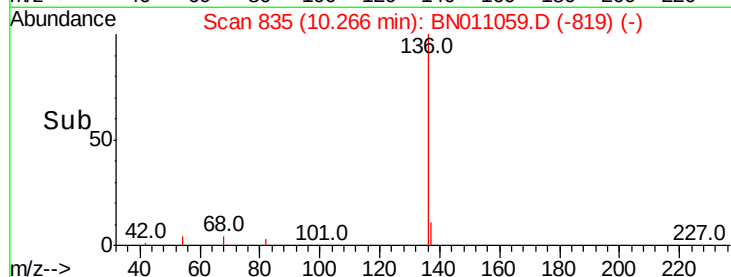


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.383 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.00 min

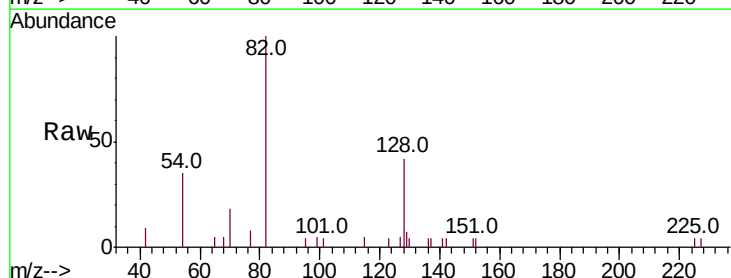
Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Tgt Ion: 82 Resp: 2632

Ion Ratio Lower Upper

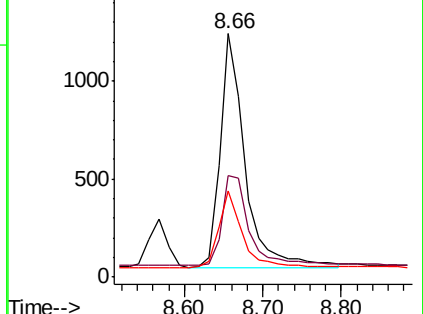
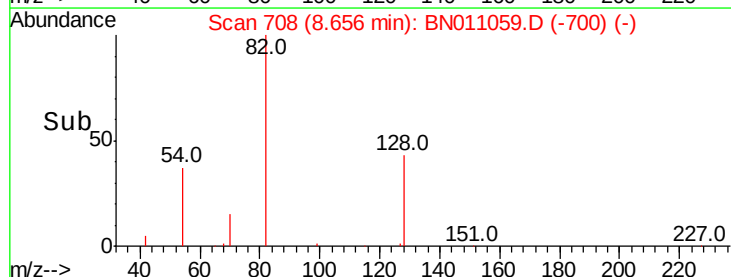
82	100		
128	41.5	29.4	44.2
54	35.2	28.8	43.2

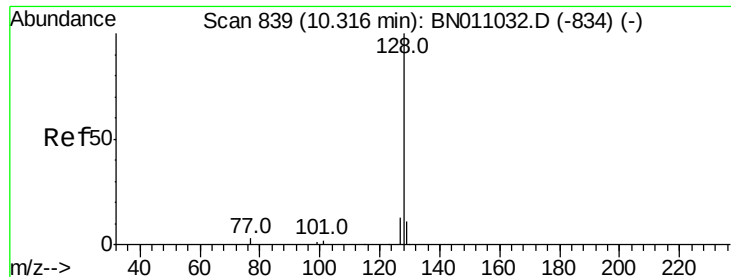


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.391 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

ClientSampleId :

PB129798BSD

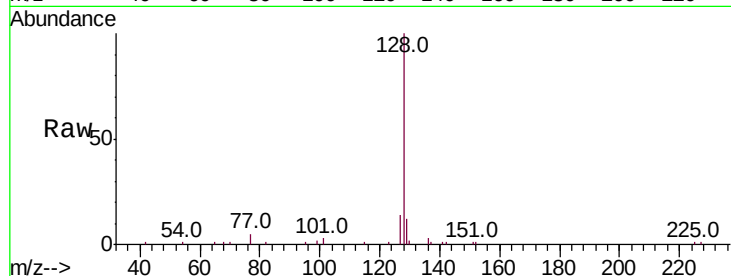
Tot Ion:128 Resp: 8955

Ion Ratio Lower Upper

128 100

129 11.9 9.8 14.6

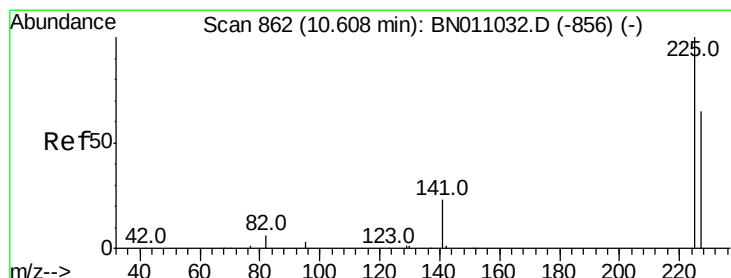
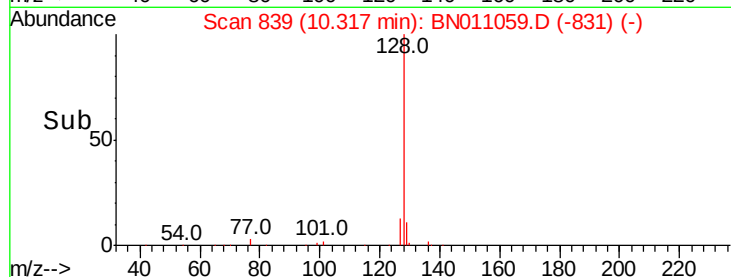
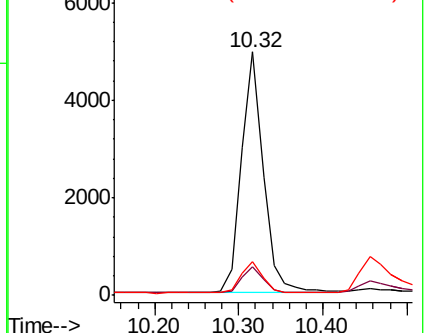
127 13.8 10.9 16.3



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: 0.398 ng

RT: 10.61 min Scan# 862

Delta R.T. 0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

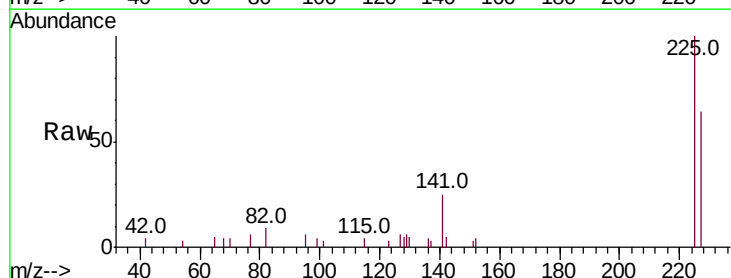
Tgt Ion:225 Resp: 2196

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

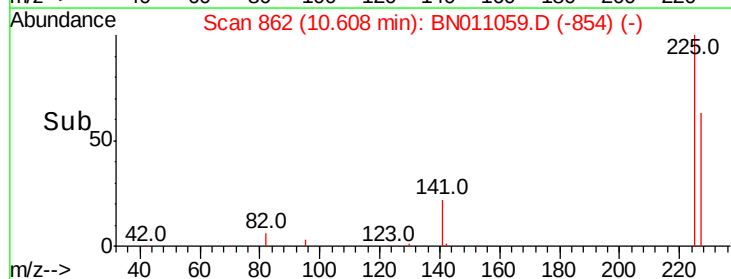
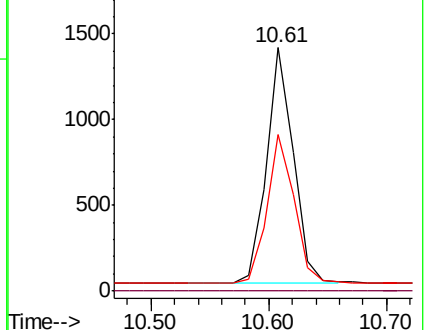
227 64.0 51.7 77.5

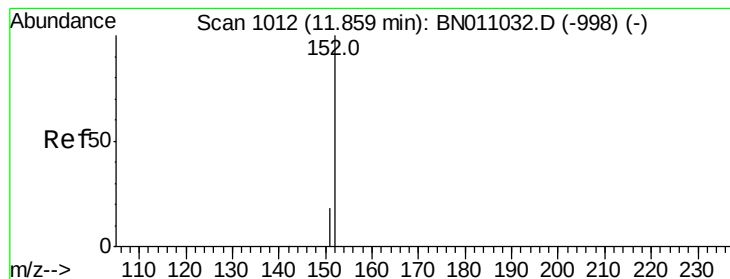


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.428 ng

RT: 11.86 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

ClientSampleId :

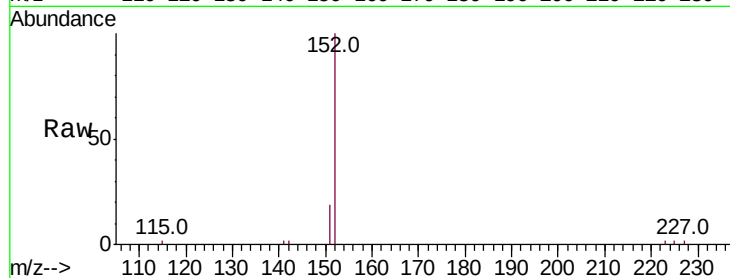
PB129798BSD

Tot Ion:152 Resp: 5686

Ion Ratio Lower Upper

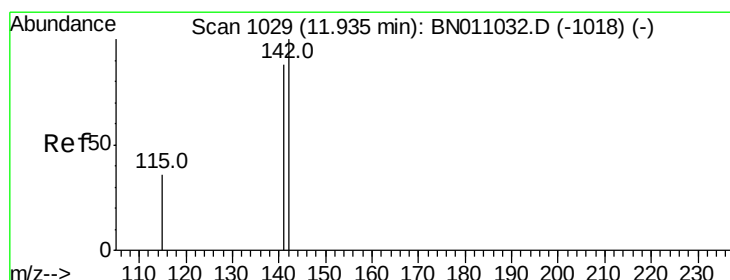
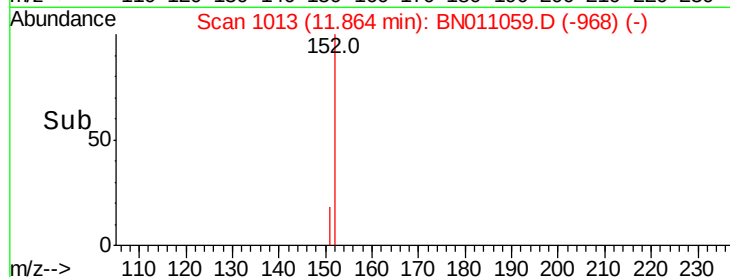
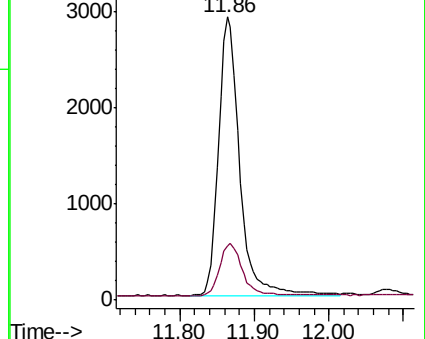
152 100

151 20.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.428 ng

RT: 11.94 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

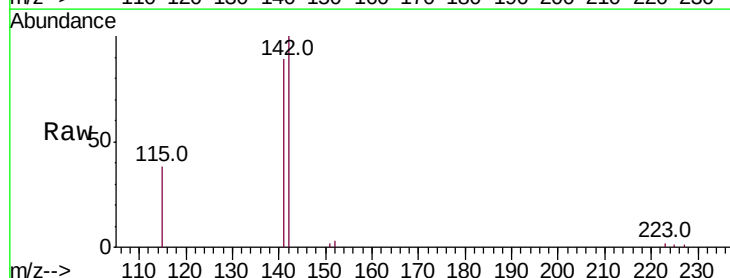
Tgt Ion:142 Resp: 6568

Ion Ratio Lower Upper

142 100

141 88.6 70.6 106.0

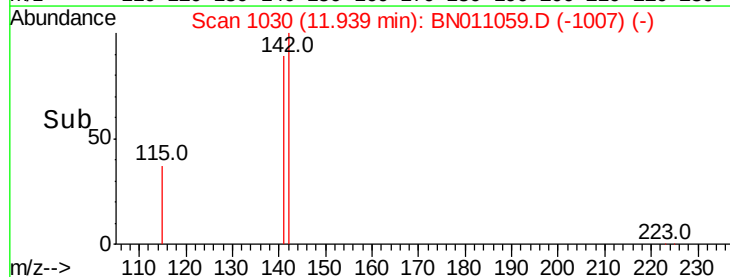
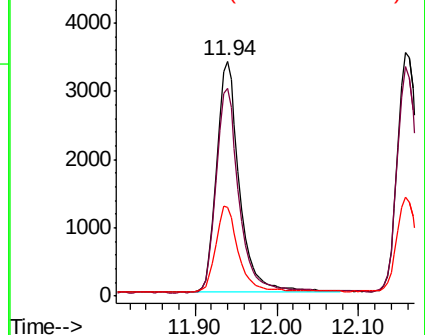
115 37.9 30.2 45.2

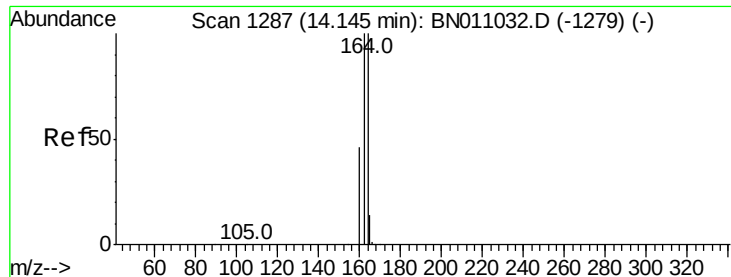


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.14 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

ClientSampleId :

PB129798BSD

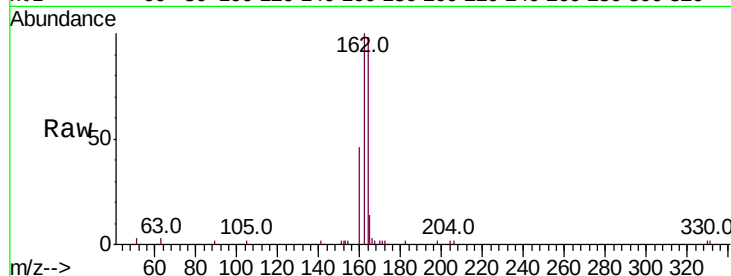
Tot Ion:164 Resp: 3918

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.4

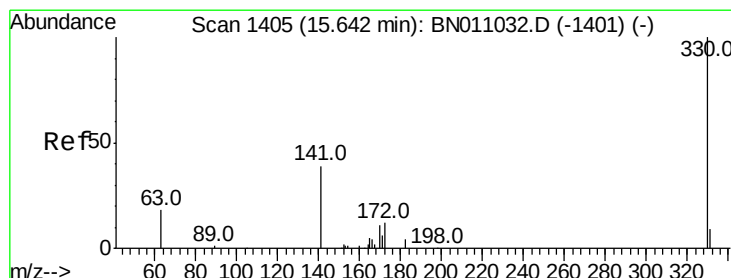
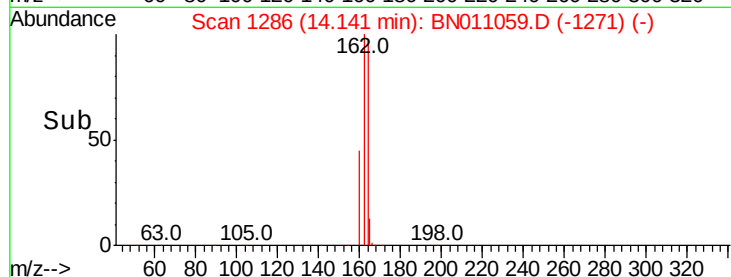
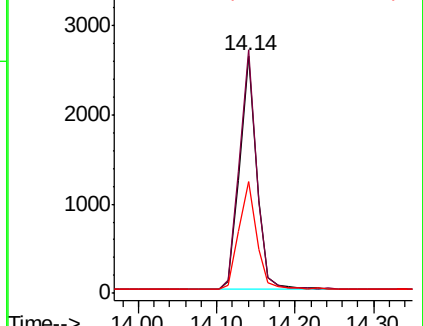
160 47.1 37.7 56.5



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: 0.387 ng

RT: 15.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

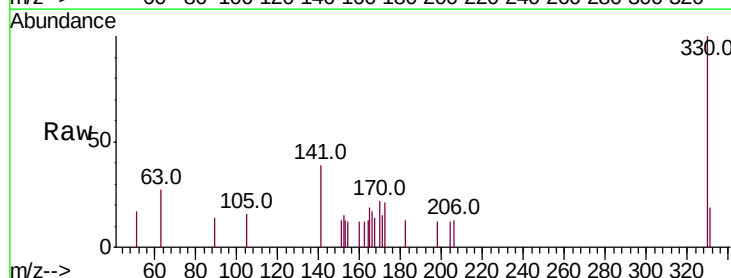
Tgt Ion:330 Resp: 666

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

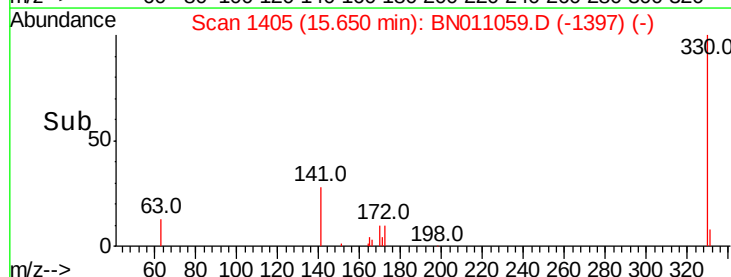
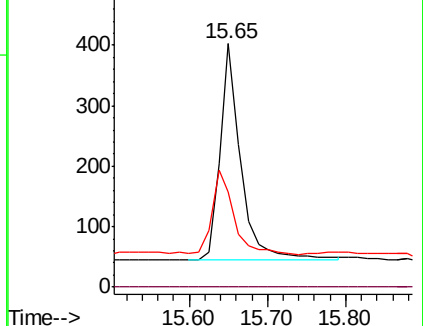
141 40.5 34.5 51.7

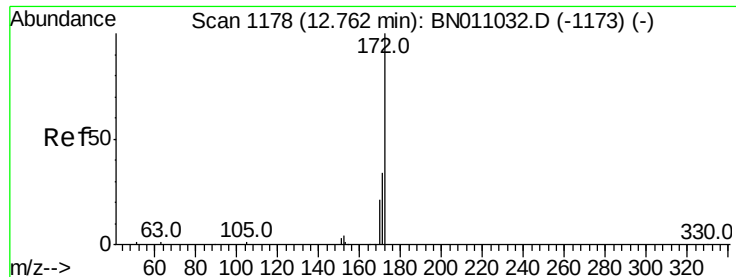


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

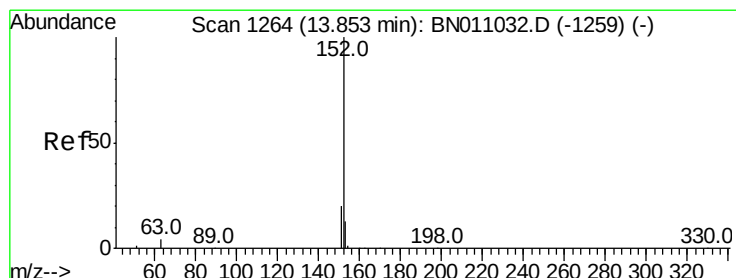
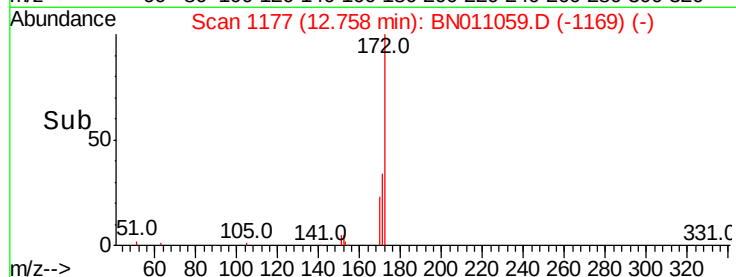
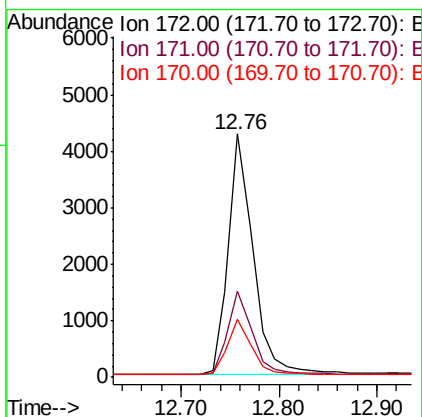
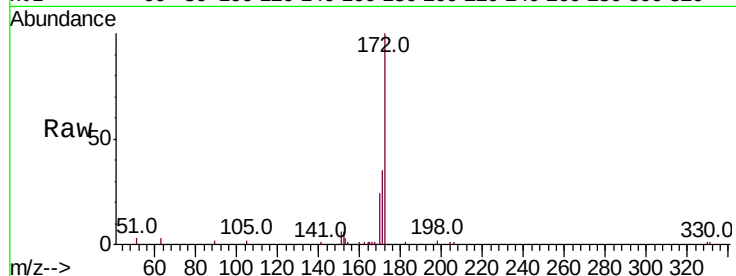




#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

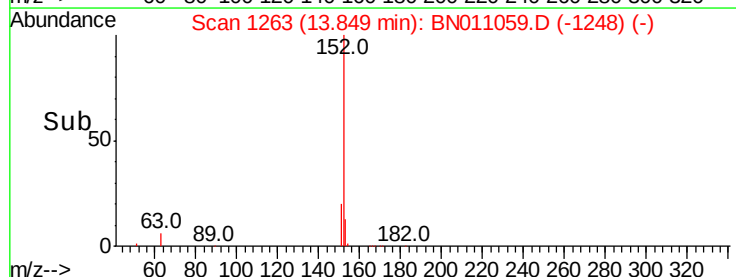
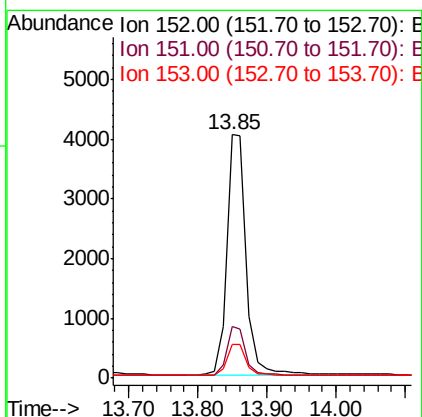
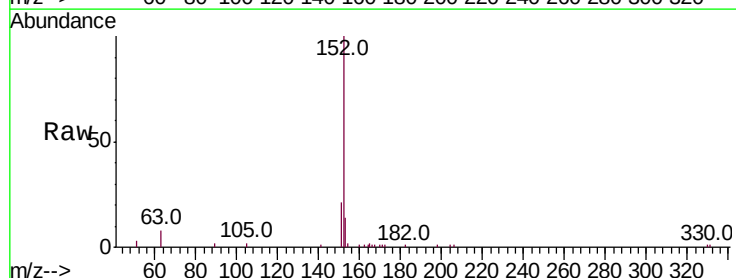
Instrument :
BNA_N
ClientSampleId :
PB129798BSD

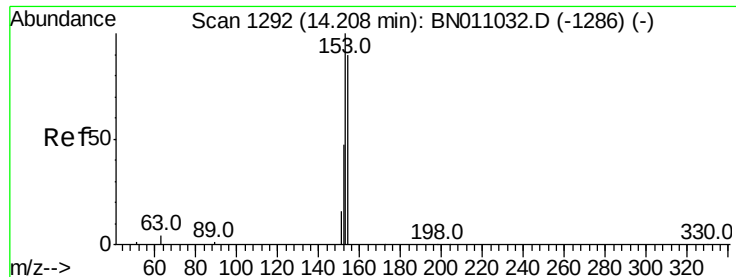
Tot Ion:172 Resp: 7530
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.2
170 24.0 17.5 26.3



#16
Acenaphthylene
Concen: 0.402 ng
RT: 13.85 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:152 Resp: 7944
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.6 10.2 15.2





#17

Acenaphthene

Concen: 0.404 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

ClientSampleId :

PB129798BSD

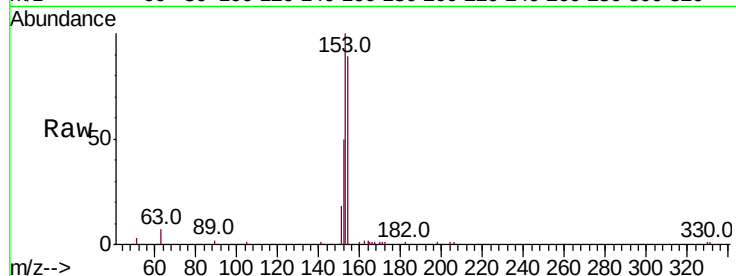
Tot Ion:154 Resp: 5361

Ion Ratio Lower Upper

154 100

153 115.9 92.3 138.5

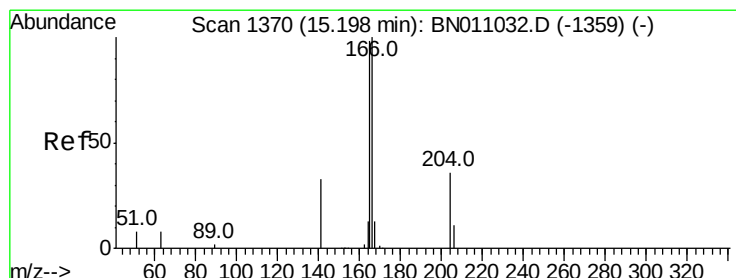
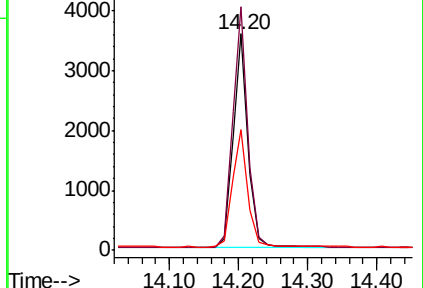
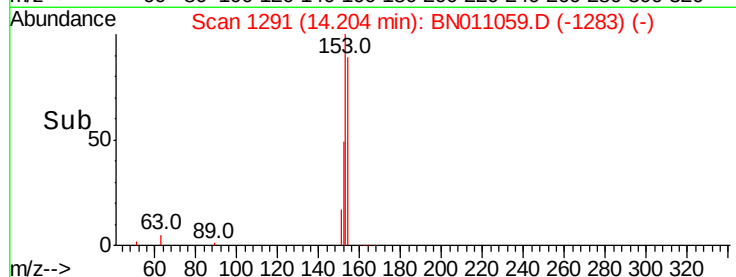
152 57.5 45.5 68.3



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: 0.449 ng

RT: 15.19 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

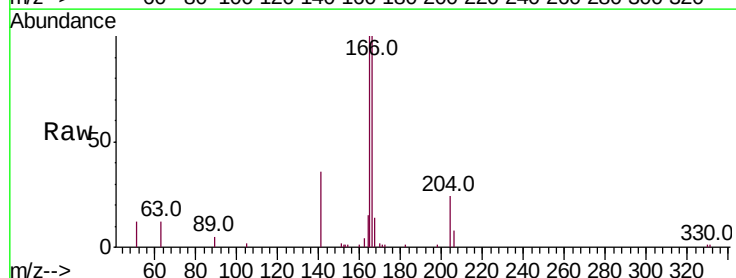
Tgt Ion:166 Resp: 7589

Ion Ratio Lower Upper

166 100

165 97.5 77.8 116.8

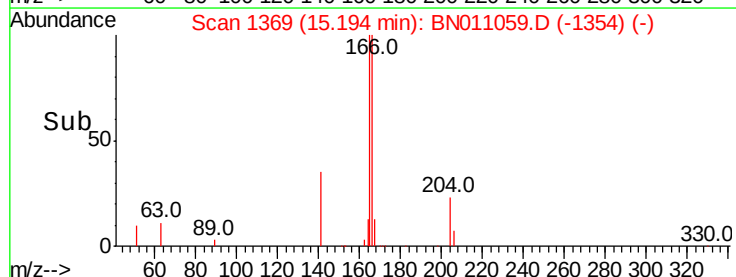
167 13.7 10.8 16.2



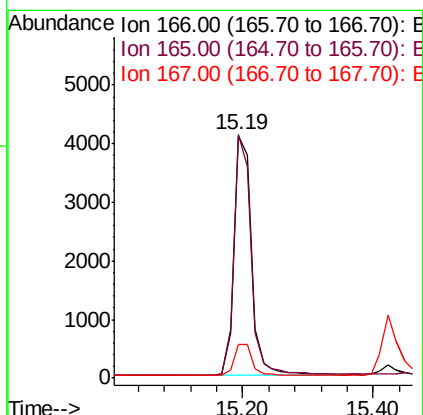
Abundance Ion 166.00 (165.70 to 166.70): E

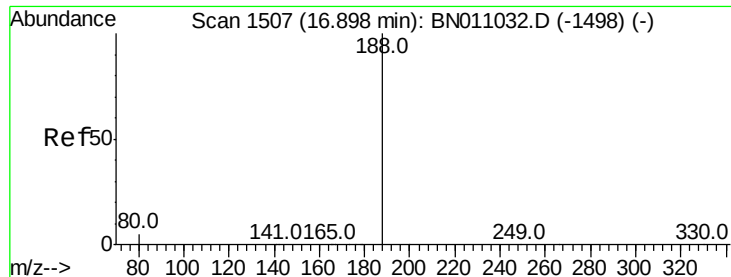
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

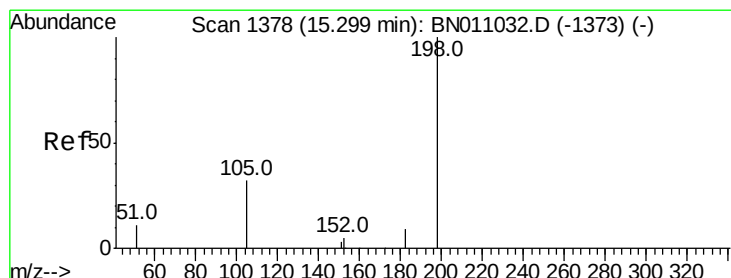
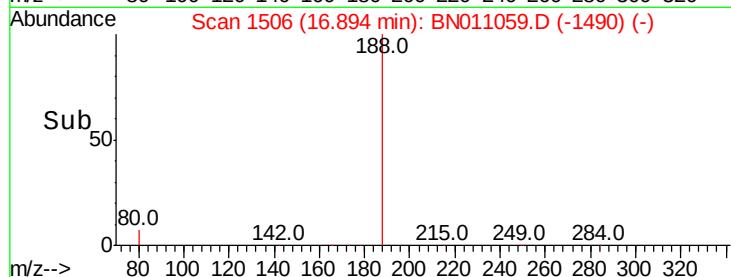
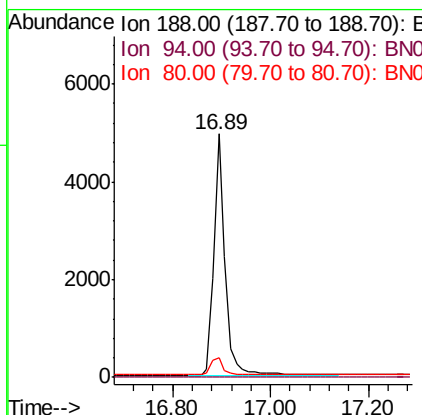
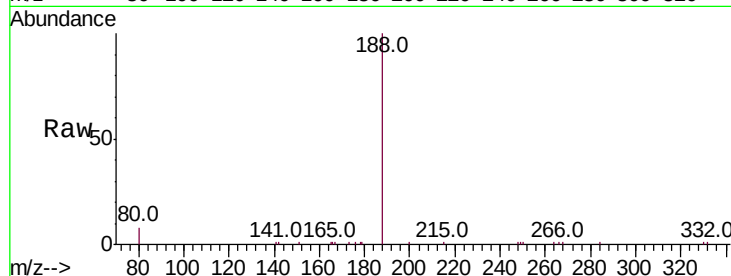




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.89 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

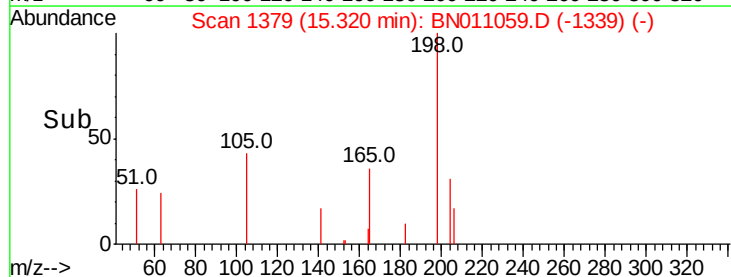
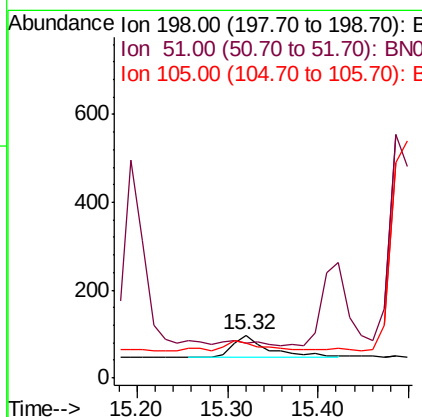
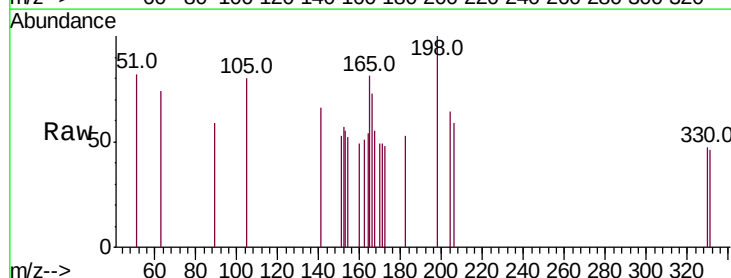
Instrument :
BNA_N
ClientSampleId :
PB129798BSD

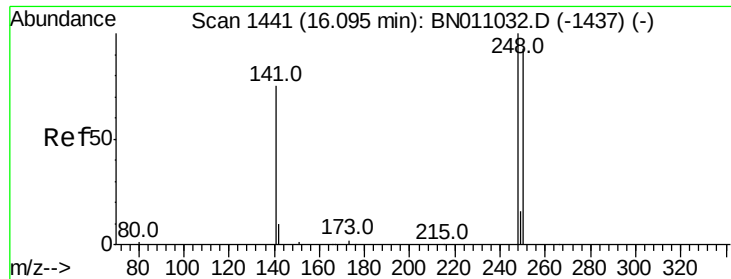
Tot Ion:188 Resp: 7869
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 4.6 7.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.32 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:198 Resp: 145
Ion Ratio Lower Upper
198 100
51 82.5 29.5 44.3#
105 80.4 39.2 58.8#

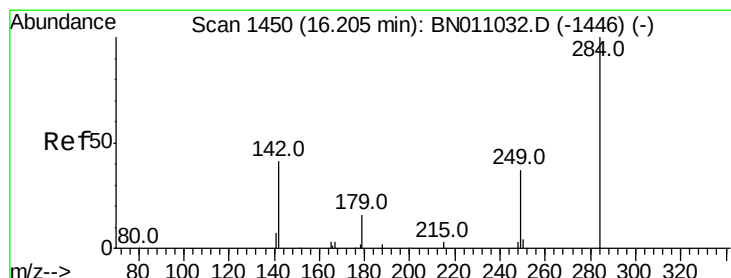
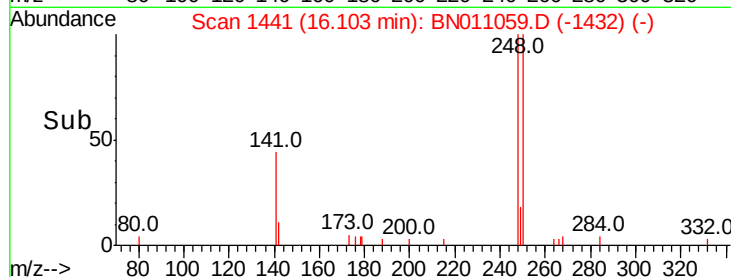
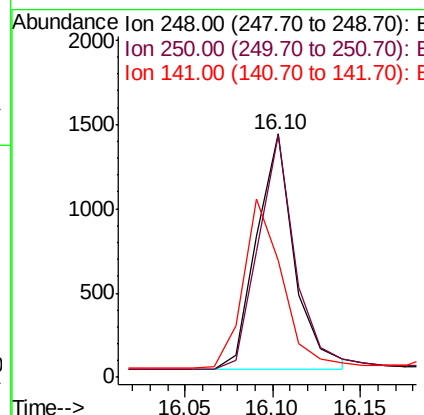
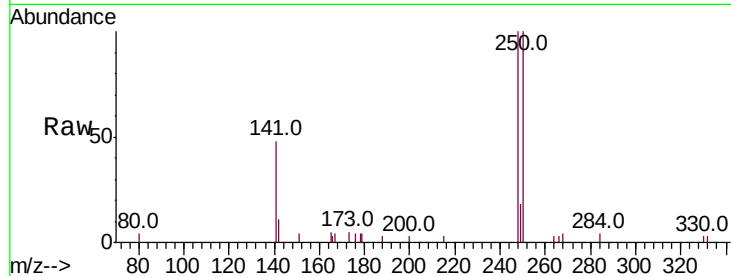




#21
4-Bromophenyl-phenylether
Concen: 0.389 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.01 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

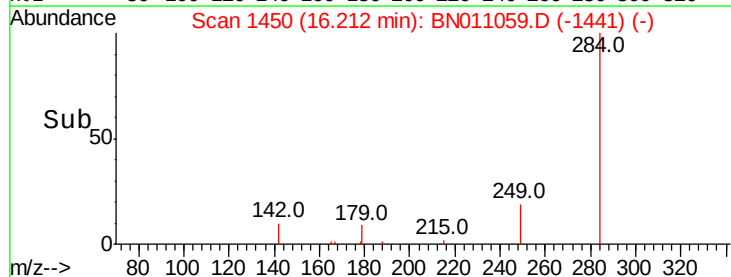
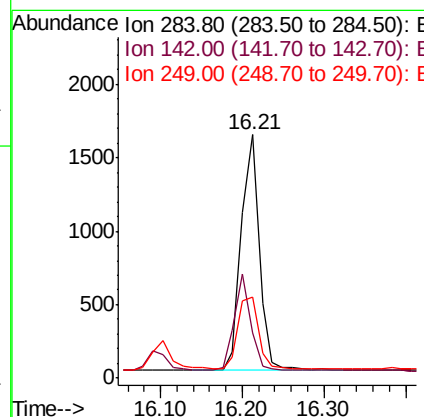
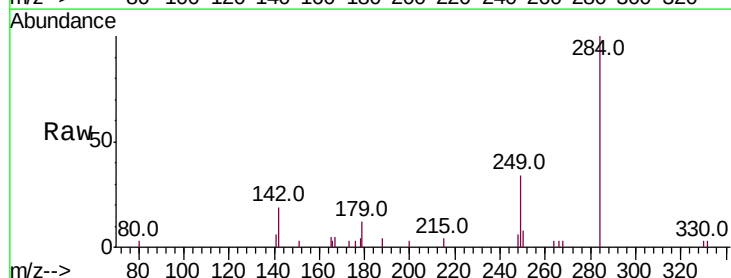
Instrument :
BNA_N
ClientSampleId :
PB129798BSD

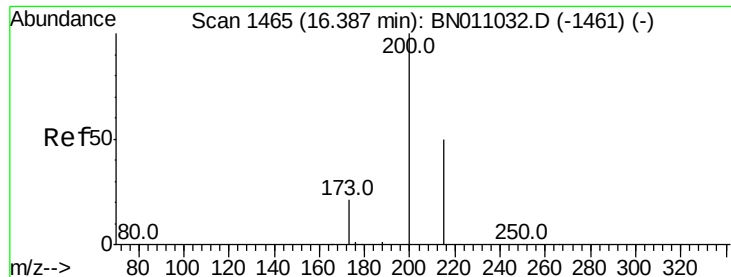
Tot Ion:248 Resp: 2119
Ion Ratio Lower Upper
248 100
250 99.7 74.6 111.8
141 47.8 60.9 91.3#



#22
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.21 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:284 Resp: 2478
Ion Ratio Lower Upper
284 100
142 37.2 30.4 45.6
249 33.9 27.0 40.4





#23

Atrazine

Concen: 0.376 ng

RT: 16.38 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

ClientSampleId :

PB129798BSD

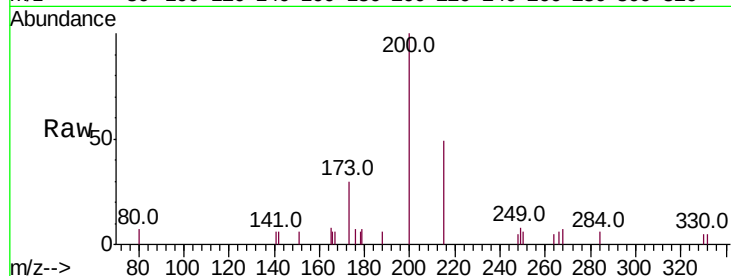
Tot Ion:200 Resp: 1514

Ion Ratio Lower Upper

200 100

173 30.1 19.4 29.2#

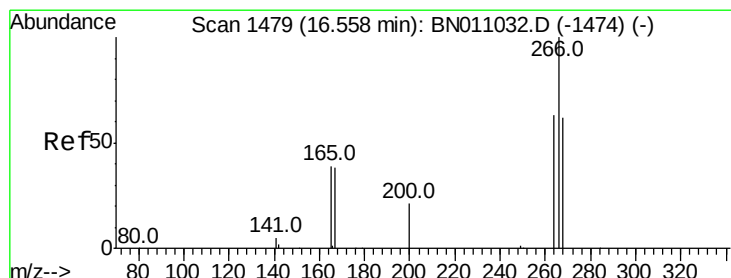
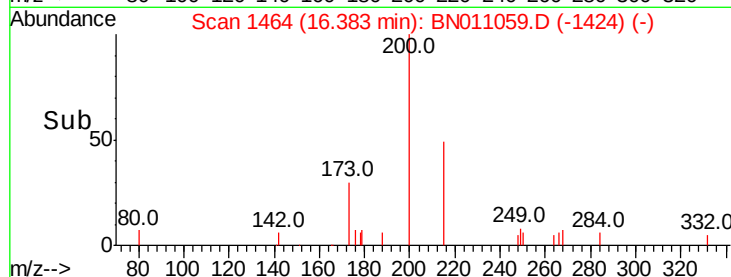
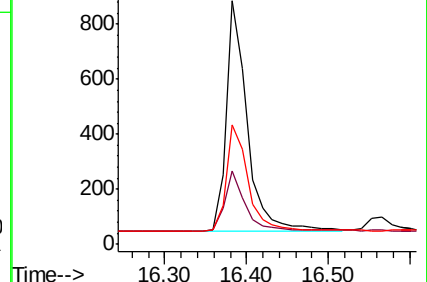
215 49.2 41.5 62.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.312 ng

RT: 16.57 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

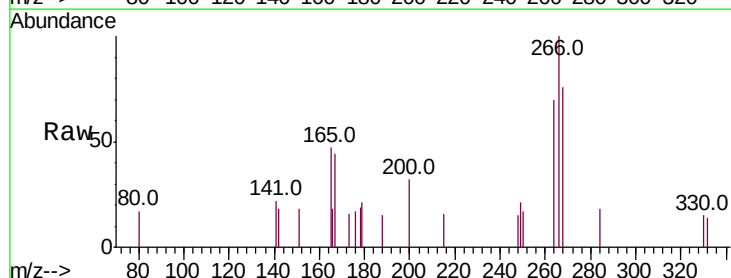
Tgt Ion:266 Resp: 593

Ion Ratio Lower Upper

266 100

264 58.3 51.4 77.0

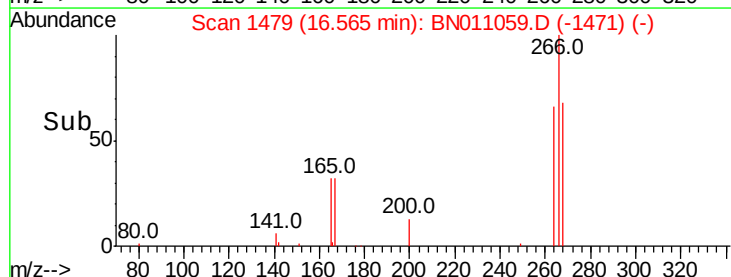
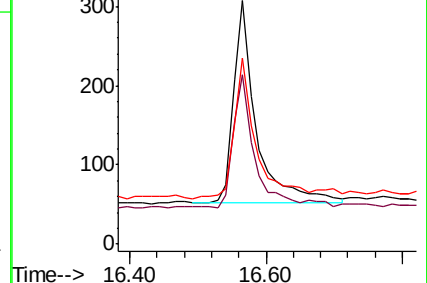
268 65.4 54.9 82.3

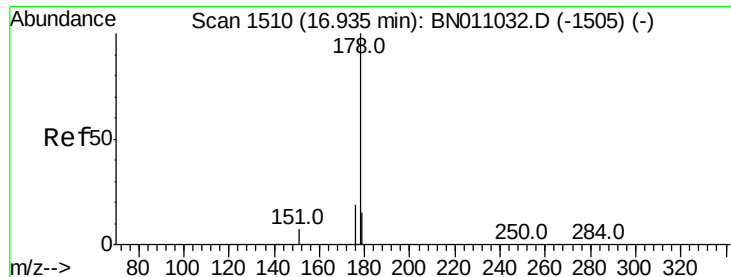


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.398 ng

RT: 16.93 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

ClientSampleId :

PB129798BSD

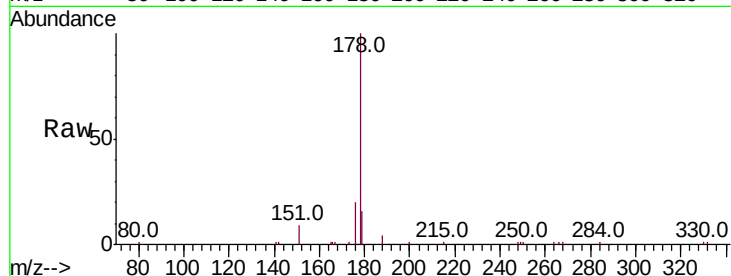
Tot Ion:178 Resp: 10546

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

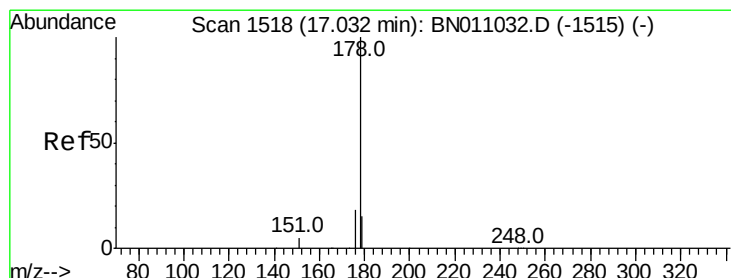
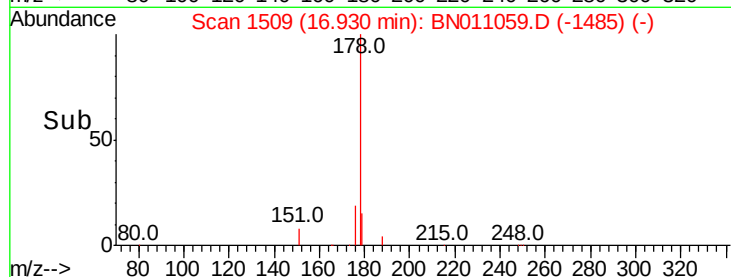
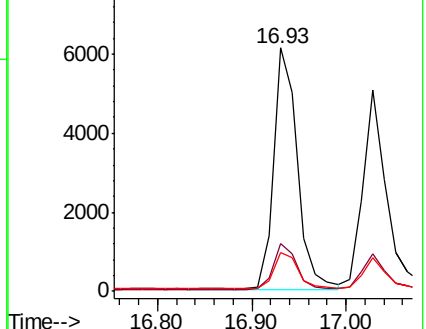
179 15.5 12.3 18.5



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



#26

Anthracene

Concen: 0.396 ng

RT: 17.03 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

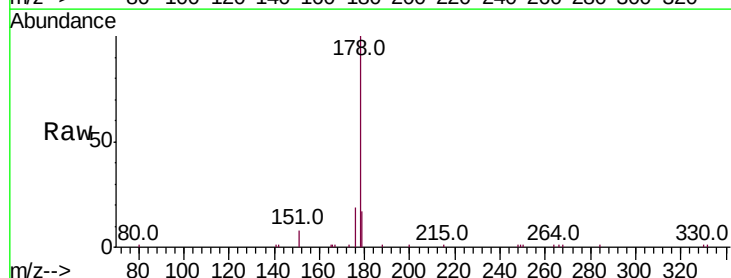
Tgt Ion:178 Resp: 8707

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

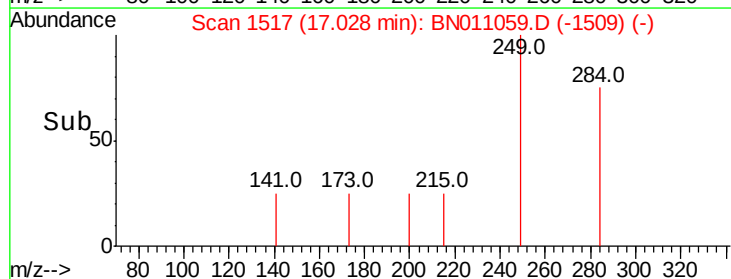
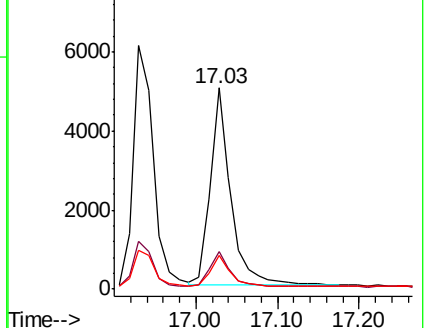
179 15.5 12.2 18.4

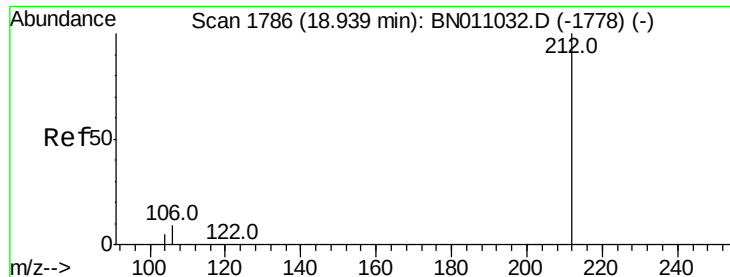


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

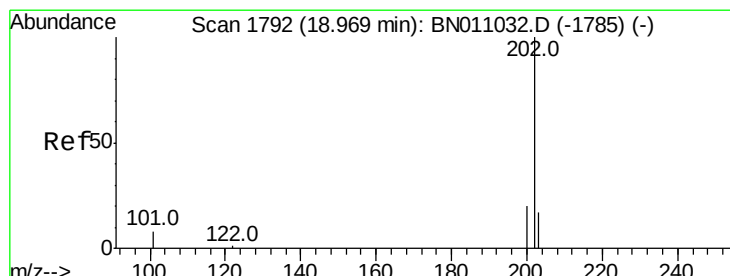
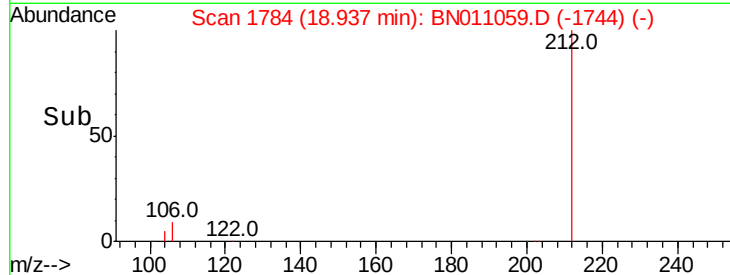
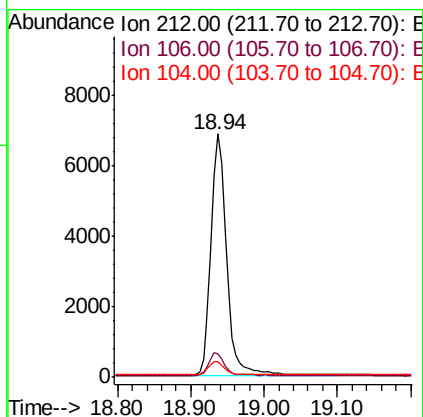
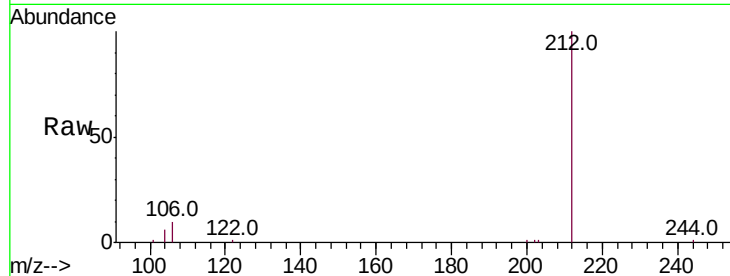




#27
 Fluoranthene-d10
 Concen: 0.406 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BN011059.D
 Acq: 26 Jun 2020 14:54

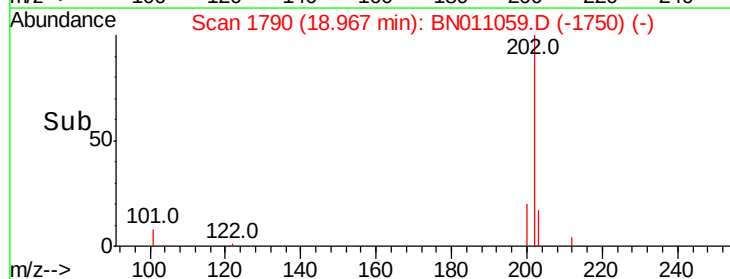
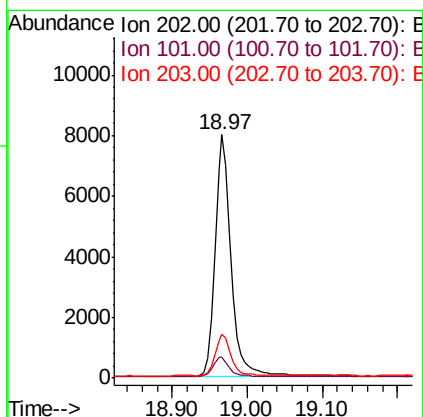
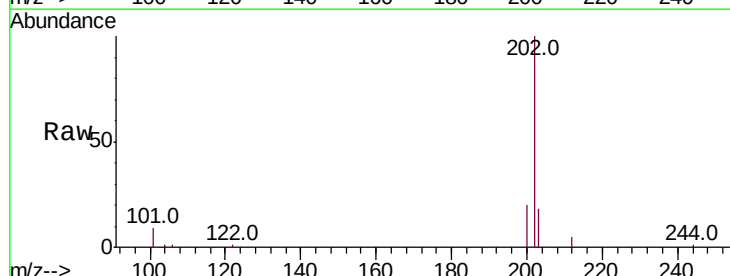
Instrument :
 BNA_N
 ClientSampleId :
 PB129798BSD

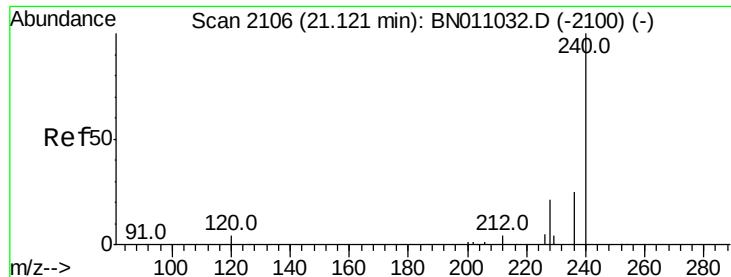
Tot Ion:212 Resp: 10115
 Ion Ratio Lower Upper
 212 100
 106 9.1 7.7 11.5
 104 5.7 4.6 6.8



#28
 Fluoranthene
 Concen: 0.397 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BN011059.D
 Acq: 26 Jun 2020 14:54

Tgt Ion:202 Resp: 12034
 Ion Ratio Lower Upper
 202 100
 101 8.1 6.6 10.0
 203 17.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.11 min Scan# 2103

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

ClientSampleId :

PB129798BSD

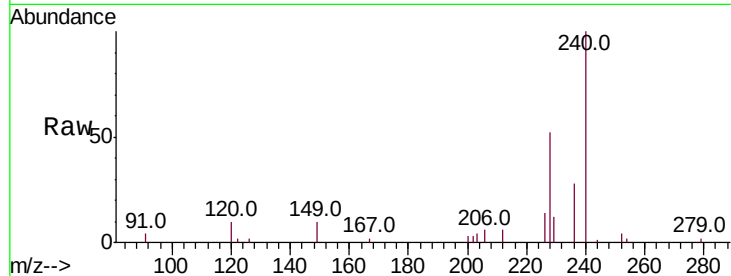
Tot Ion:240 Resp: 7652

Ion Ratio Lower Upper

240 100

120 10.1 5.4 8.0#

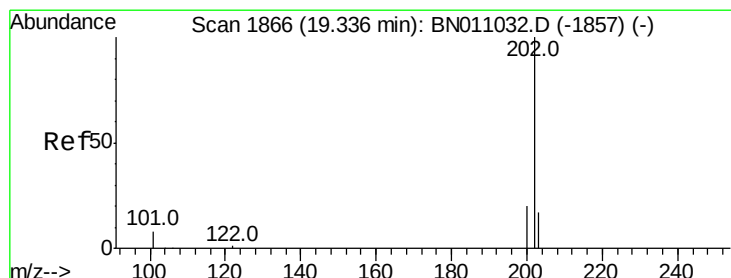
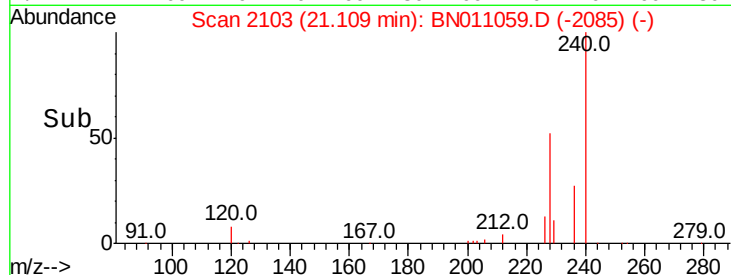
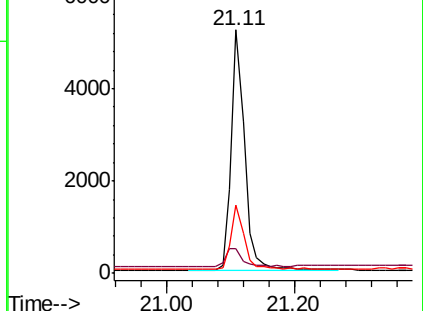
236 28.1 21.4 32.2



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



#30

Pyrene

Concen: 0.396 ng

RT: 19.33 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

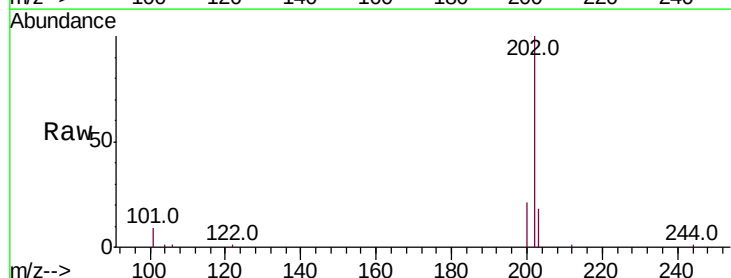
Tgt Ion:202 Resp: 11665

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

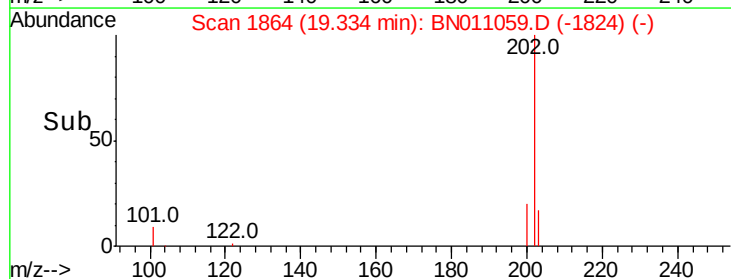
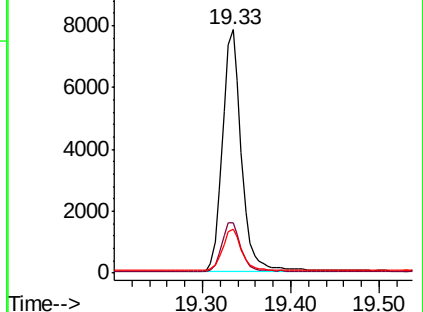
203 17.5 14.2 21.2

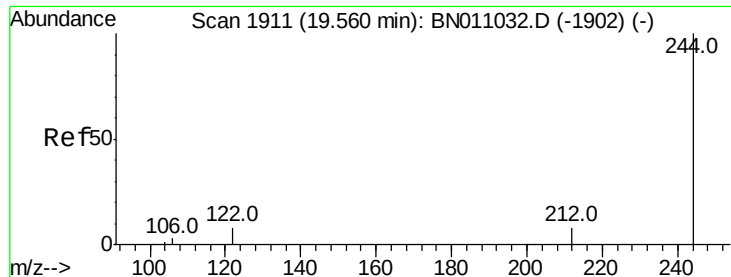


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.404 ng

RT: 19.56 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

ClientSampleId :

PB129798BSD

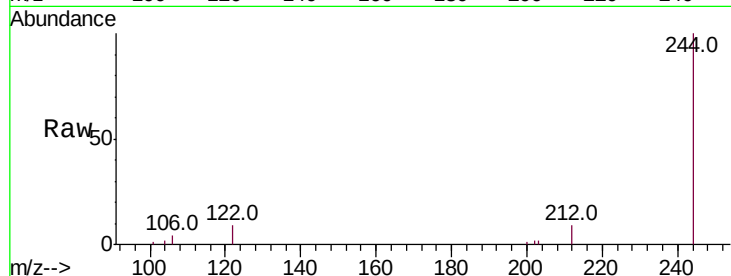
Tot Ion:244 Resp: 8303

Ion Ratio Lower Upper

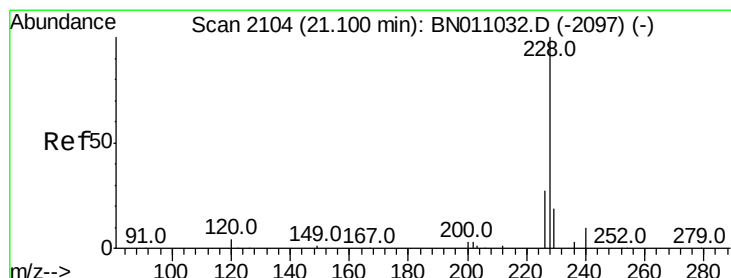
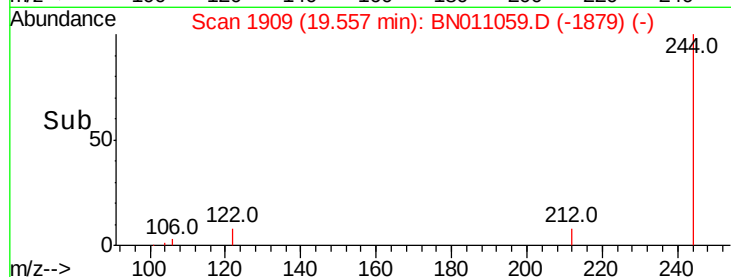
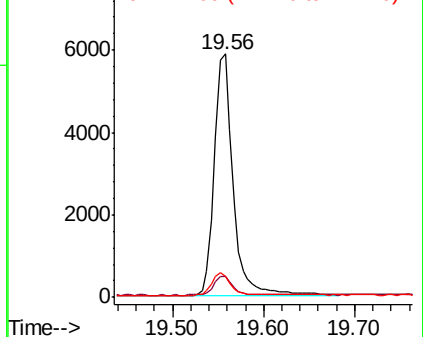
244 100

212 8.7 6.9 10.3

122 8.7 7.4 11.0



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



#32

Benzo(a)anthracene

Concen: 0.383 ng

RT: 21.10 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

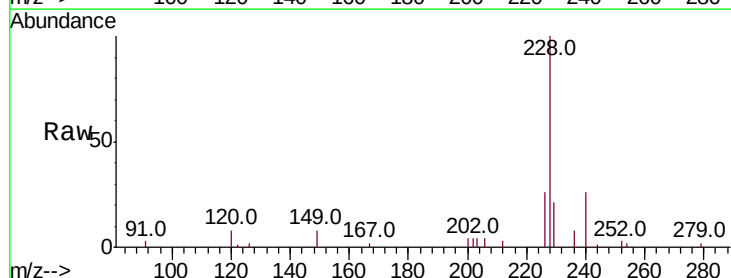
Tgt Ion:228 Resp: 10161

Ion Ratio Lower Upper

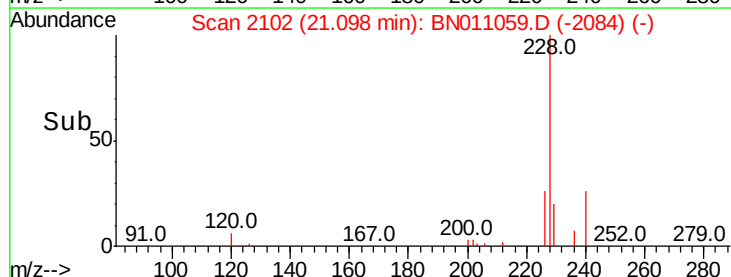
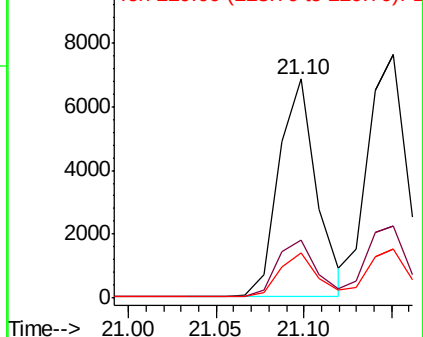
228 100

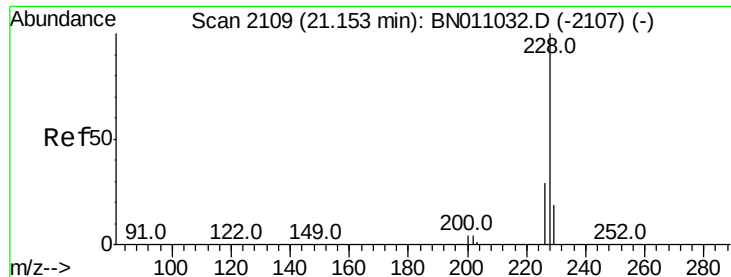
226 26.4 22.0 33.0

229 20.6 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





#33

Chrysene

Concen: 0.423 ng

RT: 21.15 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

ClientSampleId :

PB129798BSD

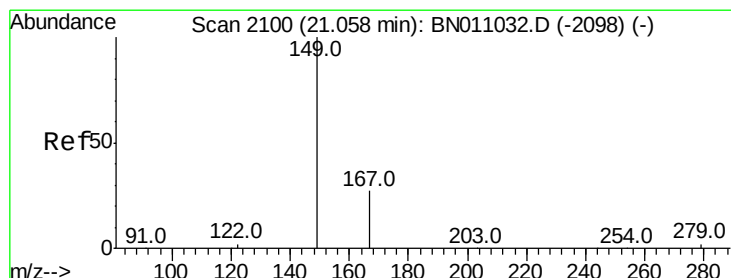
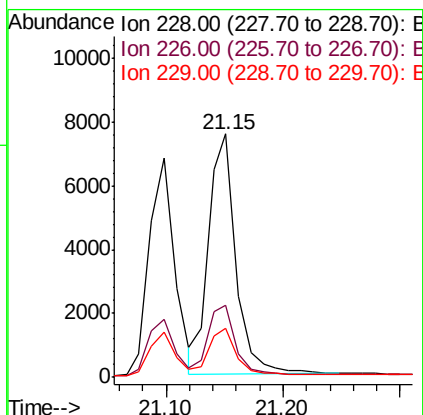
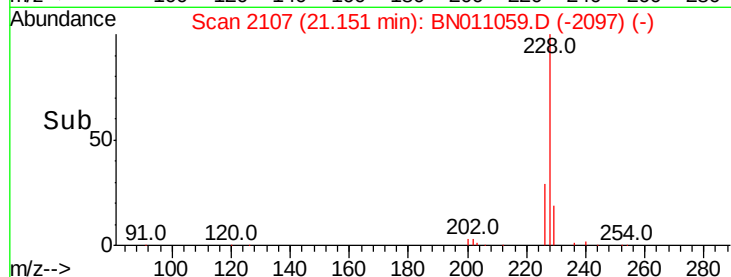
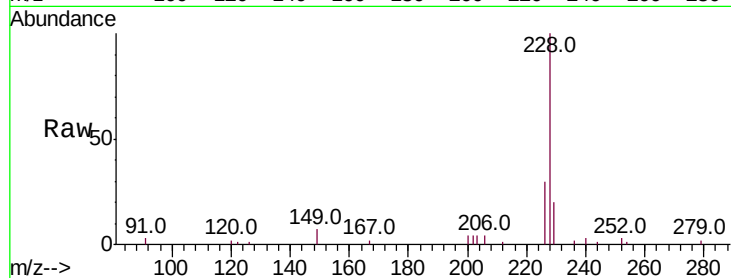
Tot Ion:228 Resp: 12222

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 20.1 15.8 23.6



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.408 ng

RT: 21.06 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

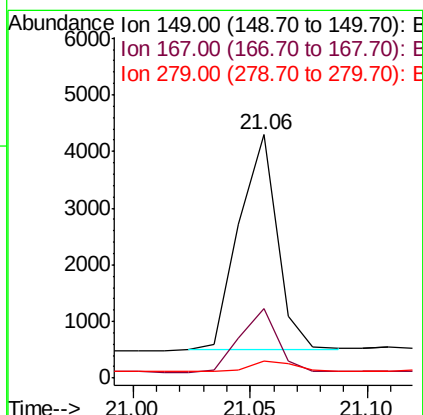
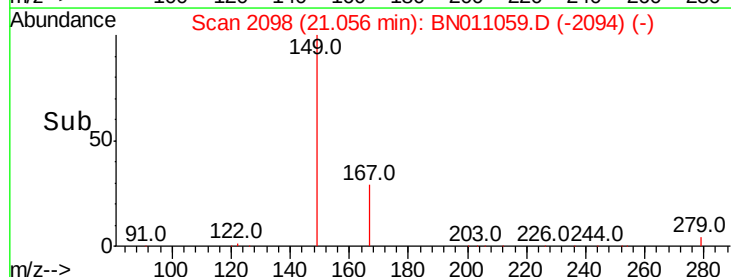
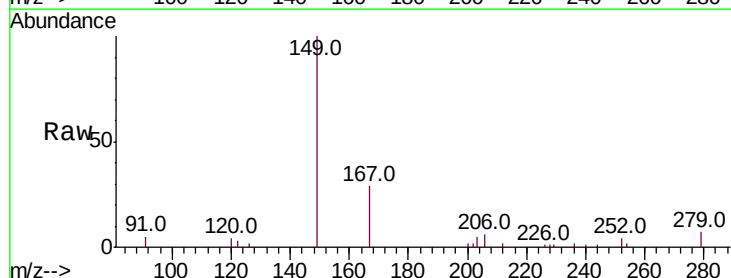
Tgt Ion:149 Resp: 4347

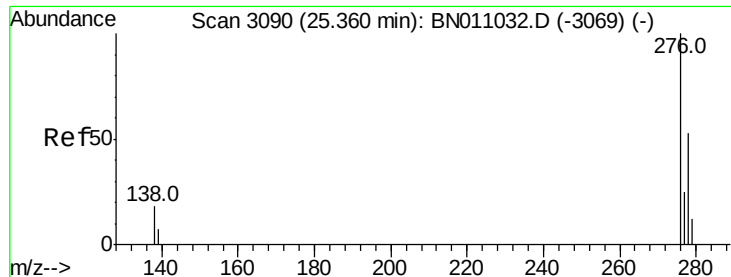
Ion Ratio Lower Upper

149 100

167 28.9 22.2 33.2

279 5.2 3.9 5.9

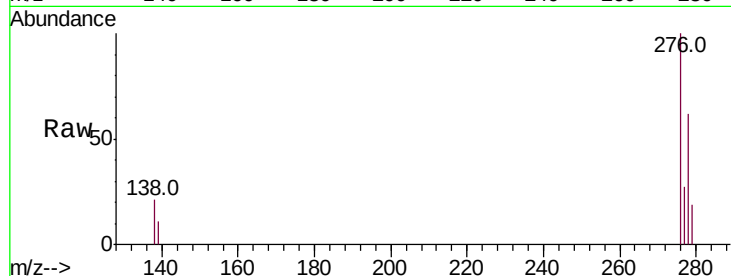




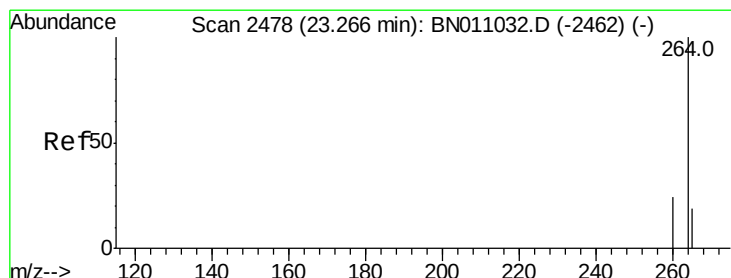
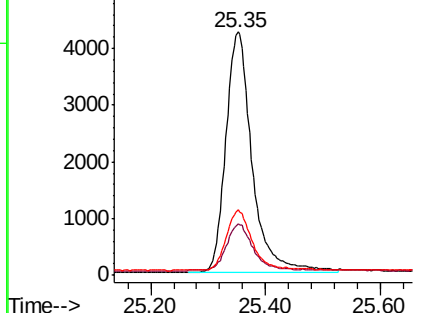
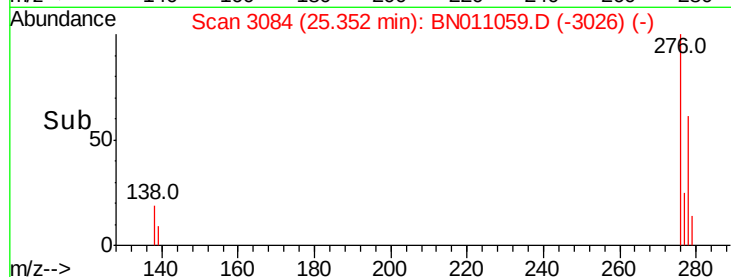
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.417 ng
RT: 25.35 min Scan# 3084
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Instrument :
BNA_N
ClientSampleId :
PB129798BSD

Tot Ion:276 Resp: 13417
Ion Ratio Lower Upper
276 100
138 19.8 16.2 24.2
277 24.9 19.9 29.9

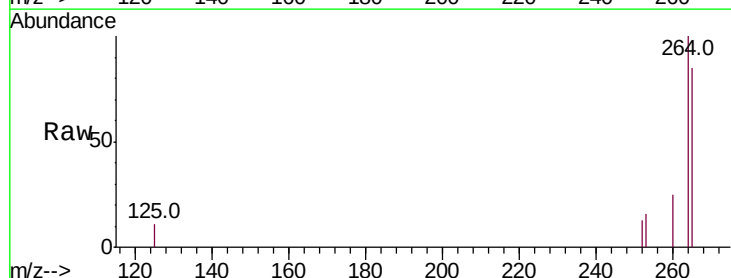


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

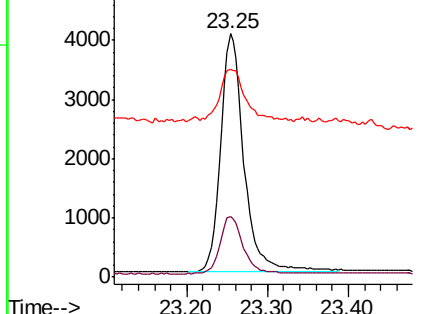
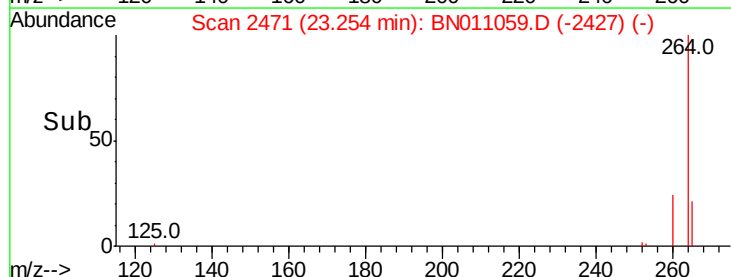


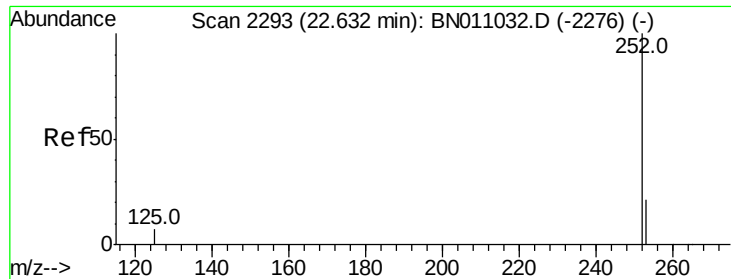
#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BN011059.D
Acq: 26 Jun 2020 14:54

Tgt Ion:264 Resp: 7978
Ion Ratio Lower Upper
264 100
260 24.8 20.0 30.0
265 85.2 64.9 97.3



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





#37

Benzo(b)fluoranthene

Concen: 0.423 ng

RT: 22.62 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

ClientSampleId :

PB129798BSD

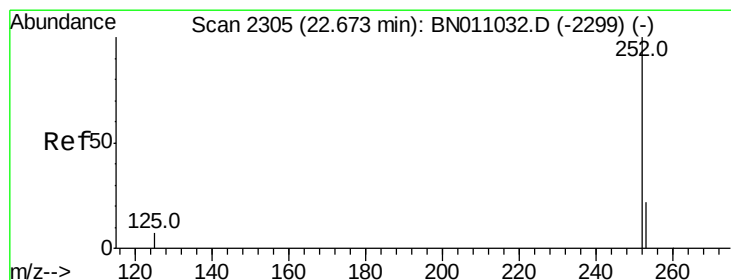
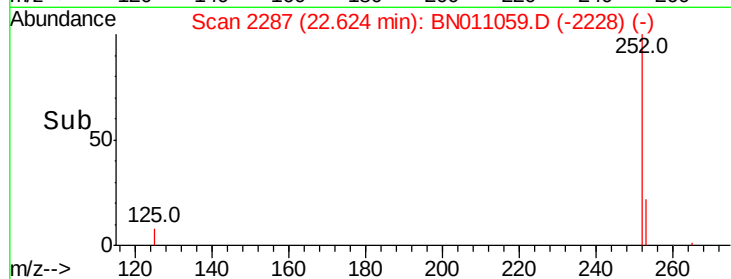
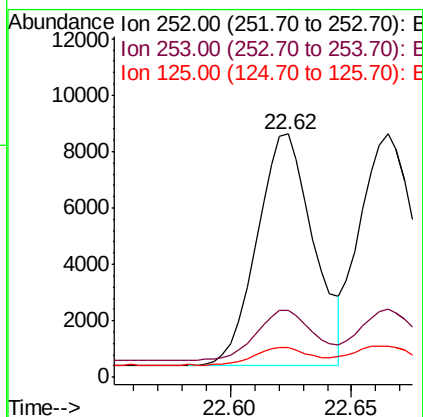
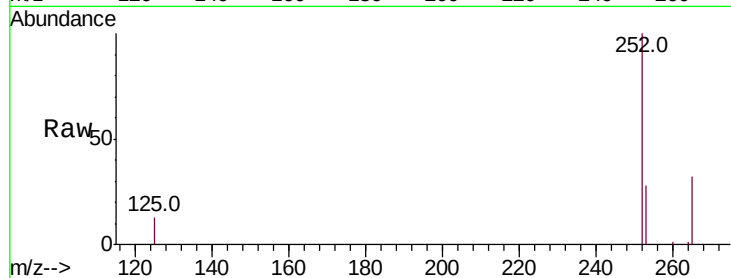
Tot Ion:252 Resp: 13354

Ion Ratio Lower Upper

252 100

253 27.6 21.4 32.0

125 12.5 9.3 13.9



#38

Benzo(k)fluoranthene

Concen: 0.425 ng

RT: 22.66 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

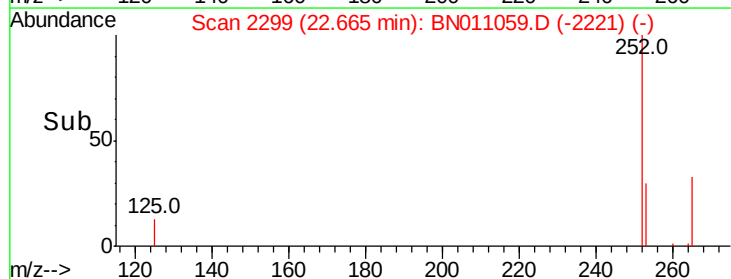
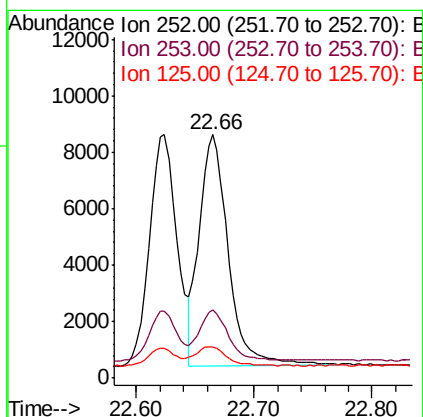
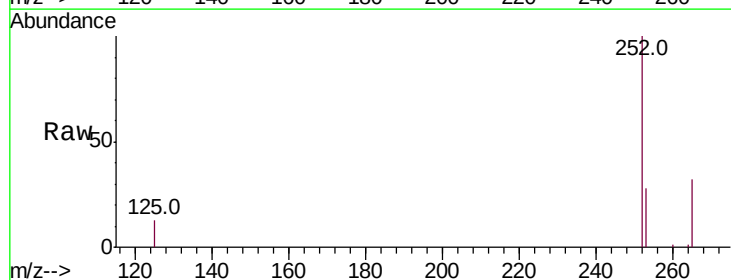
Tgt Ion:252 Resp: 13930

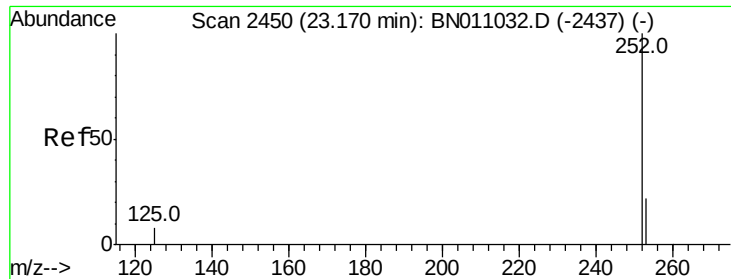
Ion Ratio Lower Upper

252 100

253 28.3 21.8 32.6

125 12.8 9.8 14.6





#39

Benzo(a)pyrene

Concen: 0.400 ng

RT: 23.16 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

ClientSampleId :

PB129798BSD

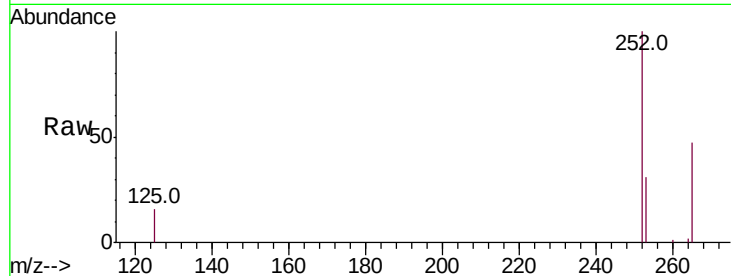
Tot Ion:252 Resp: 11217

Ion Ratio Lower Upper

252 100

253 31.2 23.1 34.7

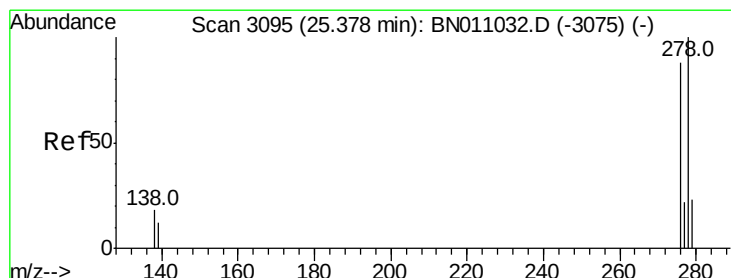
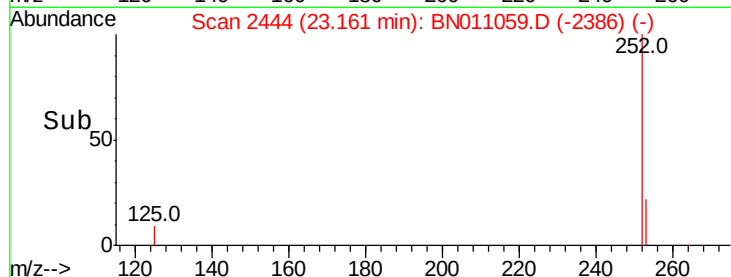
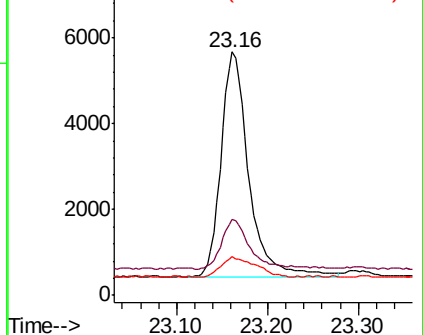
125 15.9 11.2 16.8



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



#40

Dibenzo(a,h)anthracene

Concen: 0.358 ng

RT: 25.37 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

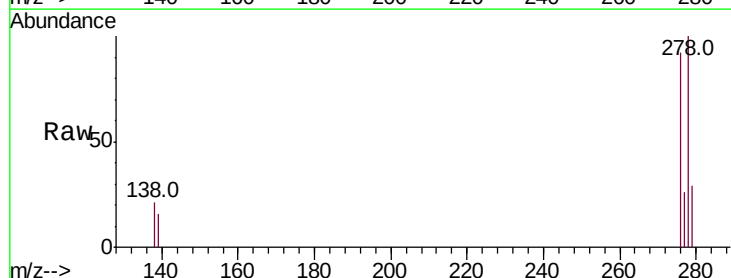
Tgt Ion:278 Resp: 10829

Ion Ratio Lower Upper

278 100

139 15.8 11.2 16.8

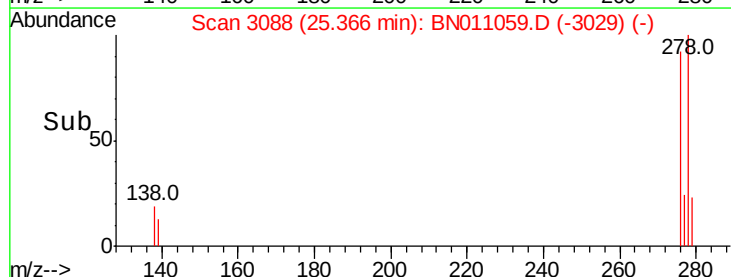
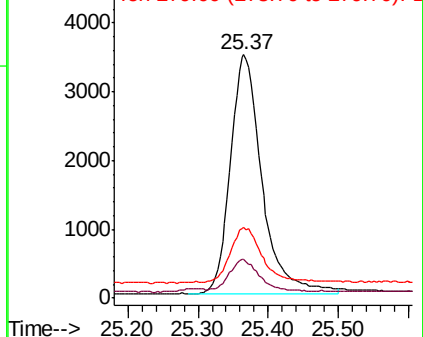
279 29.0 22.6 34.0

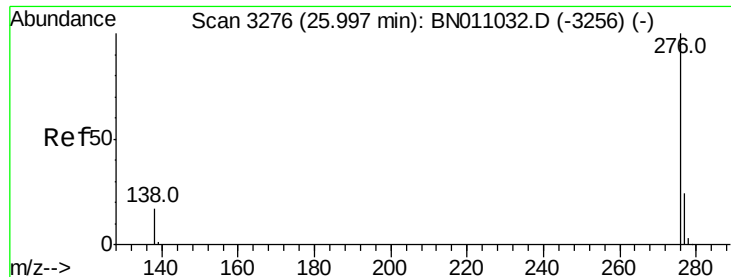


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.365 ng

RT: 25.98 min Scan# 3268

Delta R.T. -0.00 min

Lab File: BN011059.D

Acq: 26 Jun 2020 14:54

Instrument :

BNA_N

ClientSampleId :

PB129798BSD

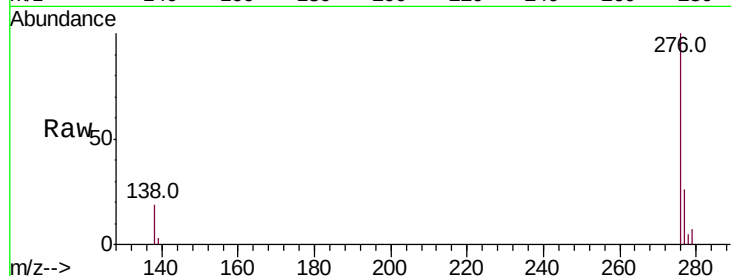
Tot Ion:276 Resp: 11416

Ion Ratio Lower Upper

276 100

277 26.1 20.4 30.6

138 19.3 15.1 22.7



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

