

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091520\
 Data File : BN011804.D
 Acq On : 15 Sep 2020 17:29
 Operator : CG/JU
 Sample : PB131586BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131586BS

Quant Time: Sep 15 18:19:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:55:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1277	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	4407	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	2676	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	6004	0.40	ng	0.00
29) Chrysene-d12	21.31	240	8546	0.40	ng	0.00
36) Perylene-d12	23.56	264	9140	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	1395	0.39	ng	0.00
5) Phenol-d6	6.89	99	1754	0.39	ng	0.00
8) Nitrobenzene-d5	8.87	82	1874	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	3137	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	543	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	4619	0.39	ng	0.00
27) Fluoranthene-d10	19.15	212	7184	0.37	ng	0.00
31) Terphenyl-d14	19.75	244	14412	0.62	ng	0.00

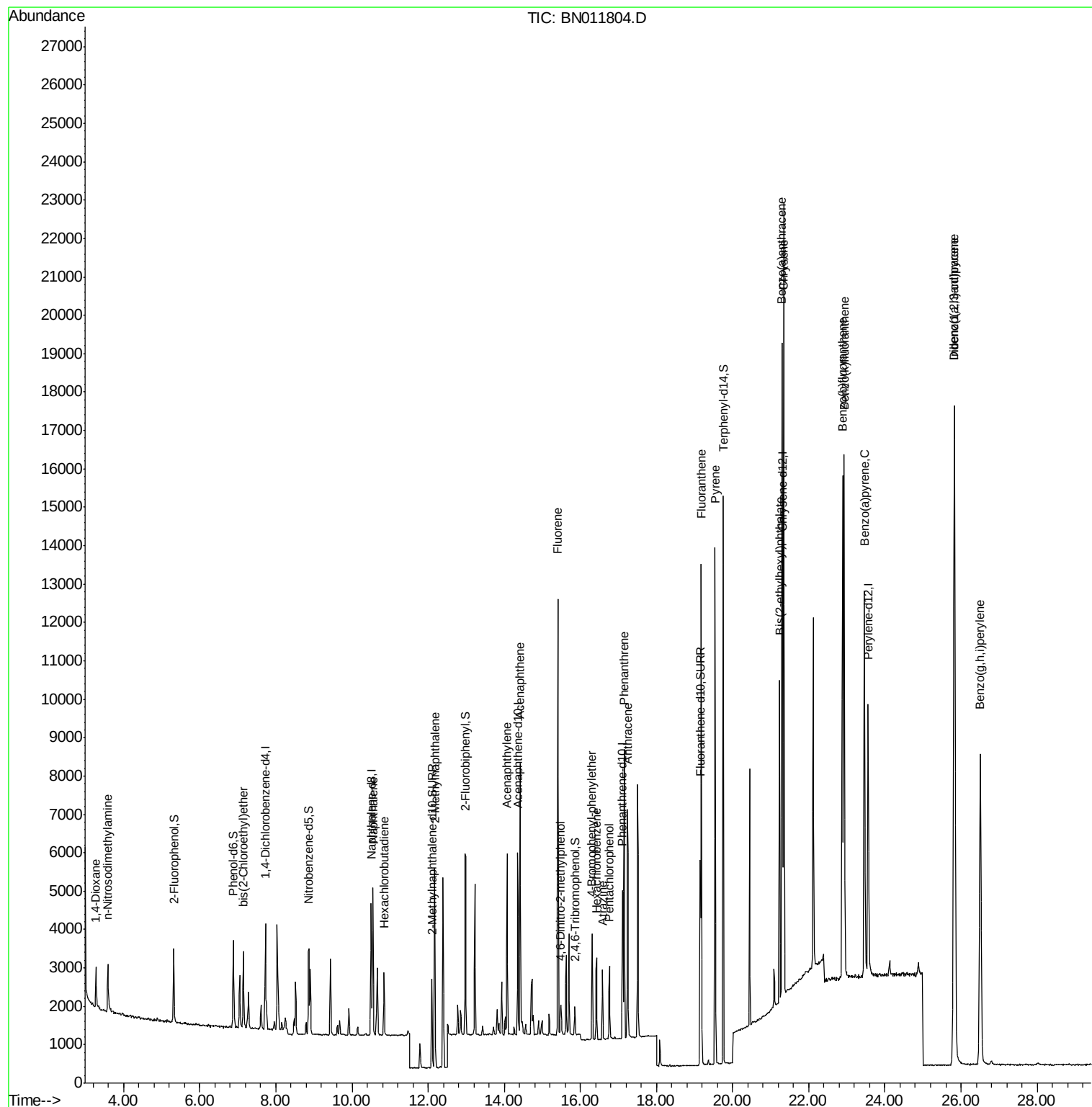
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	712	0.401	ng	90
3) n-Nitrosodimethylamine	3.58	42	1105	0.401	ng	# 98
6) bis(2-Chloroethyl)ether	7.15	93	1406	0.379	ng	98
9) Naphthalene	10.55	128	4864	0.385	ng	98
10) Hexachlorobutadiene	10.85	225	1237	0.406	ng	# 98
12) 2-Methylnaphthalene	12.17	142	3447	0.381	ng	98
16) Acenaphthylene	14.08	152	4921	0.369	ng	99
17) Acenaphthene	14.42	154	3588	0.380	ng	99
18) Fluorene	15.41	166	4408	0.371	ng	99
20) 4,6-Dinitro-2-methylphenol	15.49	198	627	0.464	ng	93
21) 4-Bromophenyl-phenylether	16.31	248	1433	0.377	ng	96
22) Hexachlorobenzene	16.42	284	1669	0.375	ng	99
23) Atrazine	16.58	200	1419	0.405	ng	97
24) Pentachlorophenol	16.76	266	889	0.474	ng	98
25) Phenanthrene	17.15	178	7346	0.376	ng	100
26) Anthracene	17.24	178	6892	0.392	ng	99
28) Fluoranthene	19.18	202	11663	0.479	ng	100
30) Pyrene	19.54	202	12088	0.399	ng	100
32) Benzo(a)anthracene	21.29	228	14170	0.454	ng	98
33) Chrysene	21.34	228	15346	0.470	ng	99
34) Bis(2-ethylhexyl)phthalate	21.24	149	6198	0.444	ng	100
35) Indeno(1,2,3-cd)pyrene	25.82	276	21538	0.502	ng	99
37) Benzo(b)fluoranthene	22.89	252	17149	0.455	ng	97
38) Benzo(k)fluoranthene	22.93	252	17015	0.451	ng	99
39) Benzo(a)pyrene	23.46	252	14998	0.454	ng	# 96
40) Dibenzo(a,h)anthracene	25.83	278	18201	0.476	ng	99
41) Benzo(g,h,i)perylene	26.51	276	17639	0.462	ng	99

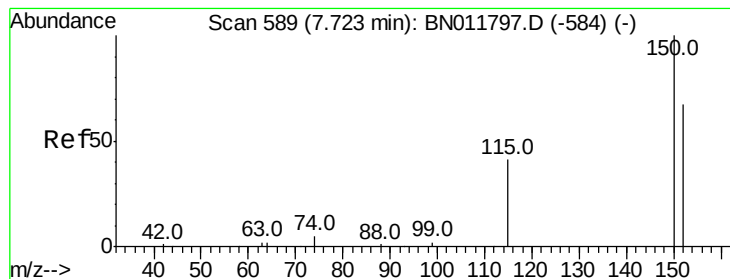
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 589

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

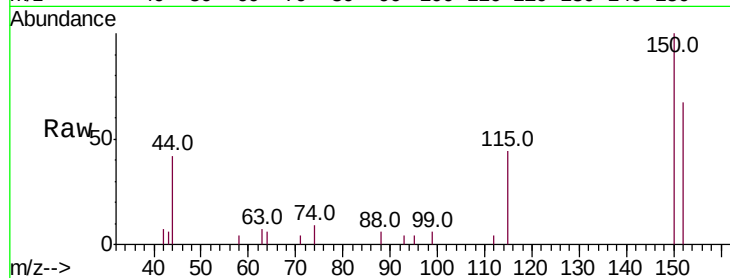
Tot Ion:152 Resp: 1277

Ion Ratio Lower Upper

152 100

150 148.4 118.3 177.5

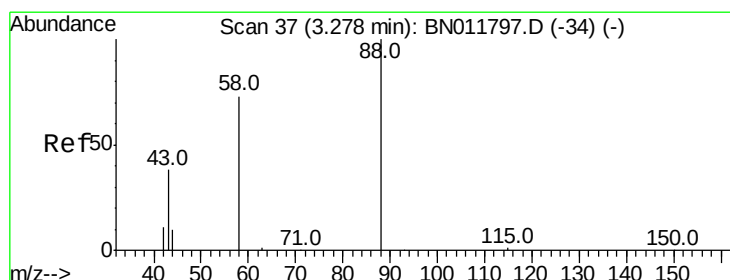
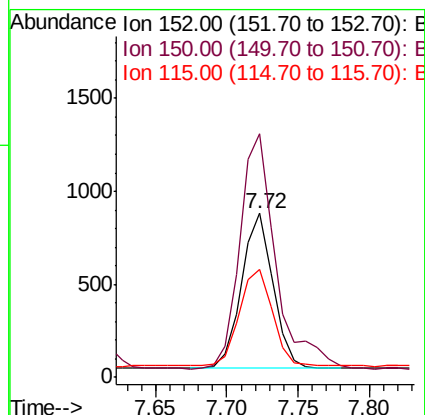
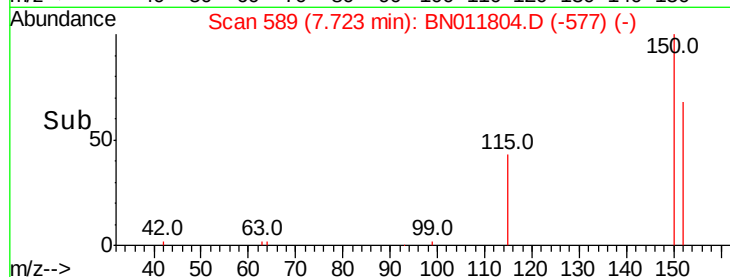
115 66.0 51.3 76.9



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: 0.401 ng

RT: 3.28 min Scan# 37

Delta R.T. 0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

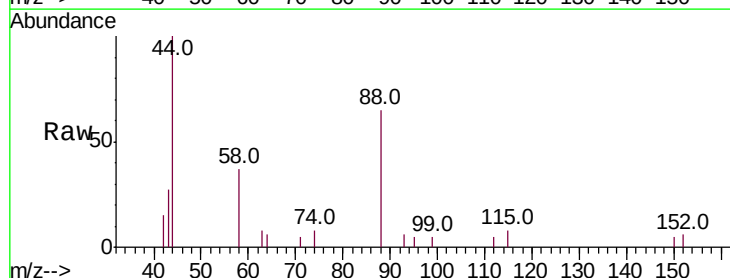
Tgt Ion: 88 Resp: 712

Ion Ratio Lower Upper

88 100

58 67.0 63.3 94.9

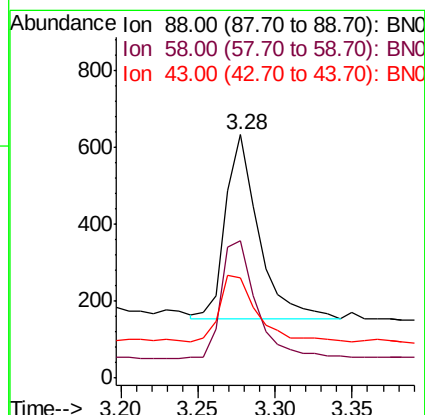
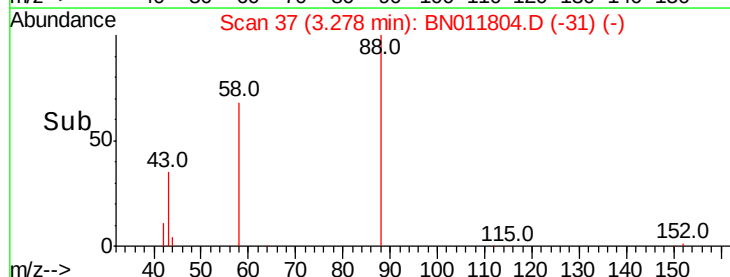
43 39.7 33.0 49.4

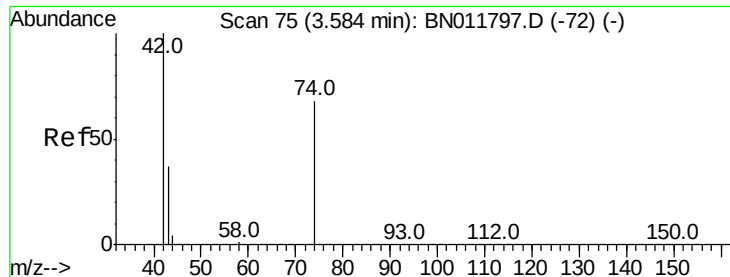


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

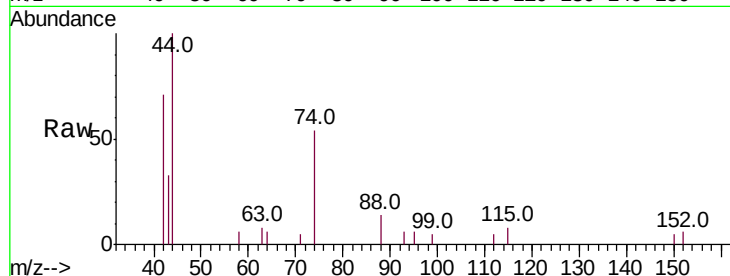




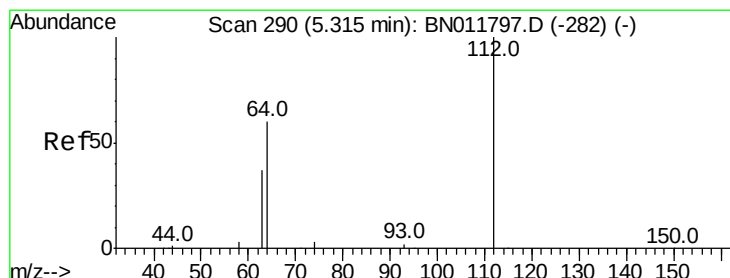
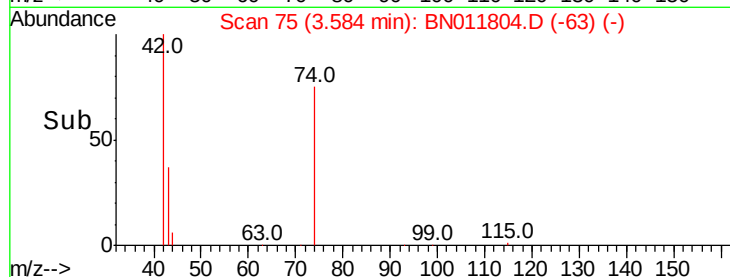
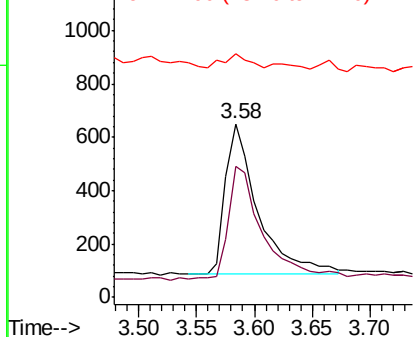
#3
n-Nitrosodimethylamine
Concen: 0.401 ng
RT: 3.58 min Scan# 75
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tot Ion: 42 Resp: 1105
Ion Ratio Lower Upper
42 100
74 81.8 64.4 96.6
44 6.5 6.7 10.1#

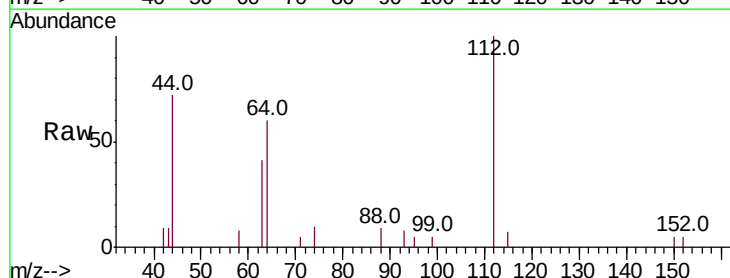


Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0

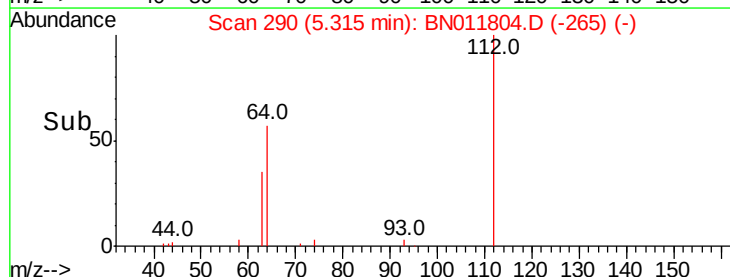
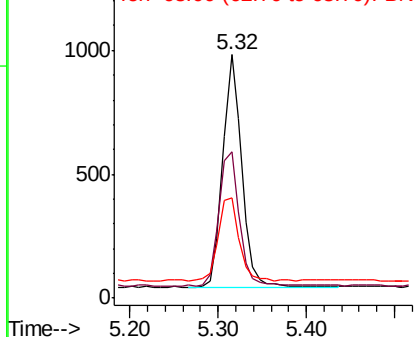


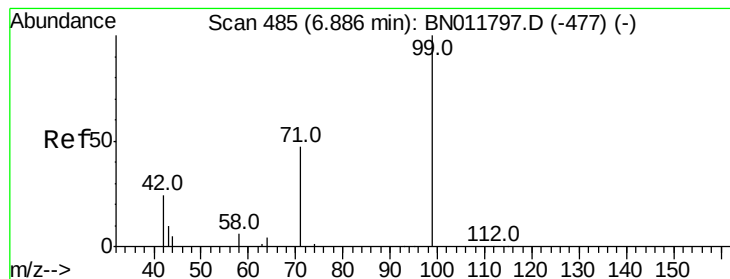
#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.32 min Scan# 290
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion: 112 Resp: 1395
Ion Ratio Lower Upper
112 100
64 61.4 49.0 73.6
63 39.1 31.8 47.6



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: 0.386 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

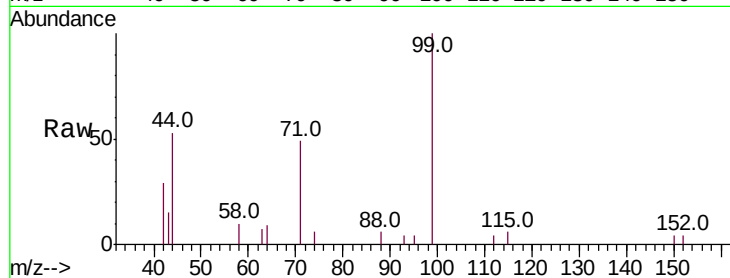
Tot Ion: 99 Resp: 1754

Ion Ratio Lower Upper

99 100

42 31.1 23.4 35.0

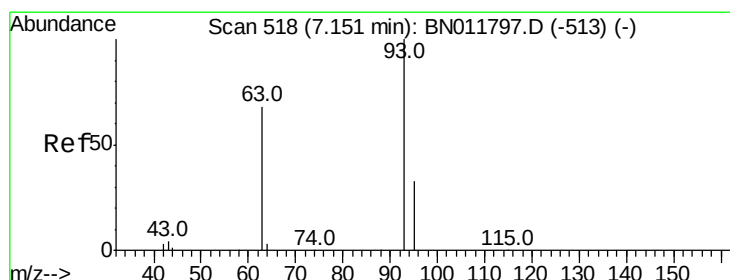
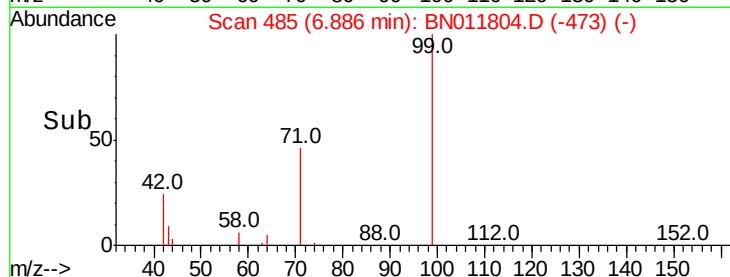
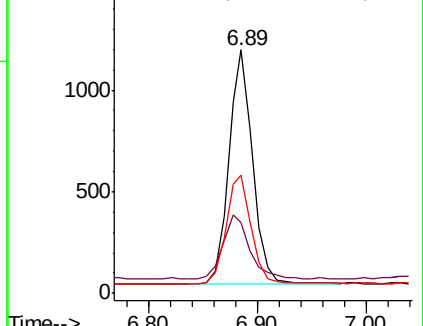
71 49.6 38.1 57.1



Abundance Ion 99.00 (98.70 to 99.70): BN011797.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011797.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011797.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.379 ng

RT: 7.15 min Scan# 518

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

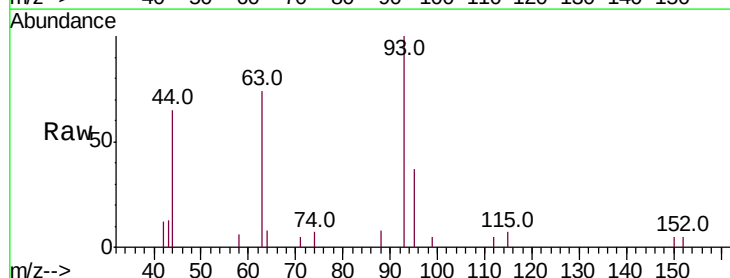
Tgt Ion: 93 Resp: 1406

Ion Ratio Lower Upper

93 100

63 78.2 61.1 91.7

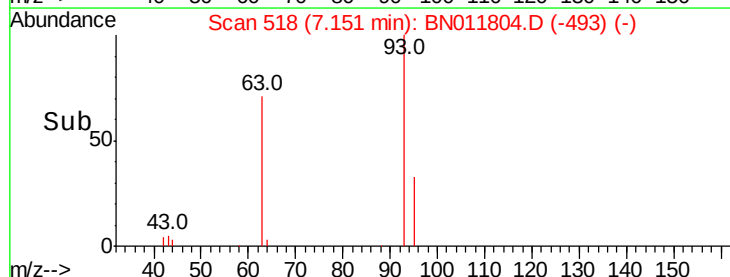
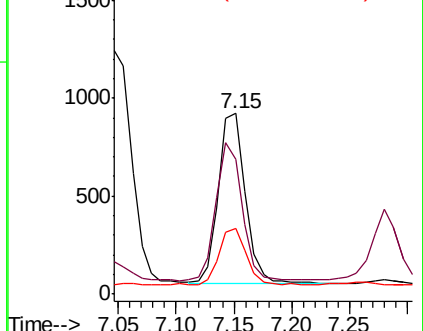
95 33.6 25.5 38.3

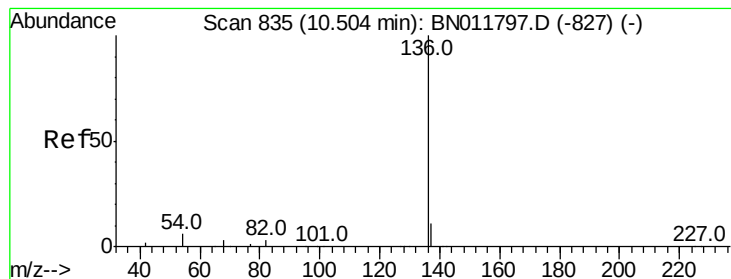


Abundance Ion 93.00 (92.70 to 93.70): BN011797.D (-513) (-)

Ion 63.00 (62.70 to 63.70): BN011797.D (-513) (-)

Ion 95.00 (94.70 to 95.70): BN011797.D (-513) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

Tot Ion:136 Resp: 4407

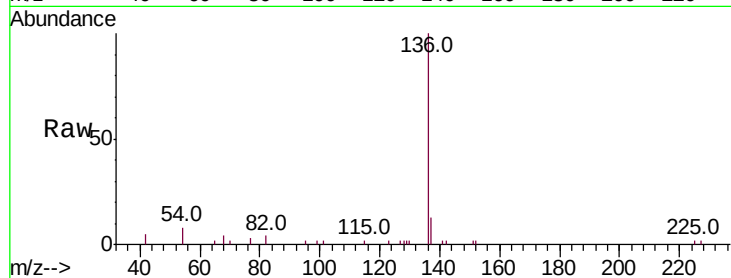
Ion Ratio Lower Upper

136 100

137 12.5 9.5 14.3

54 7.8 5.6 8.4

68 4.5 3.2 4.8

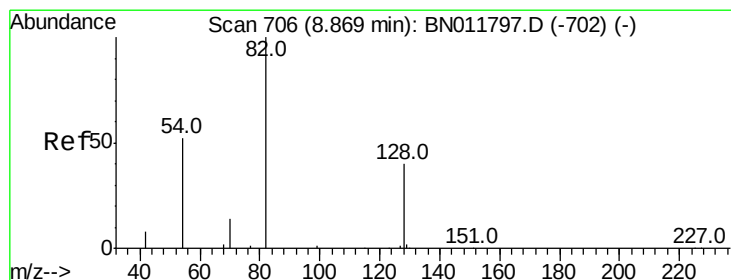
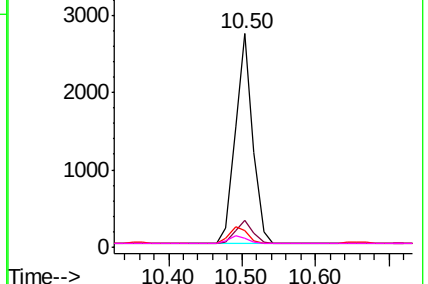
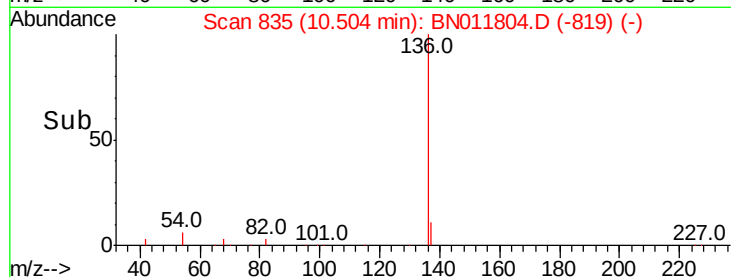


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.386 ng

RT: 8.87 min Scan# 706

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

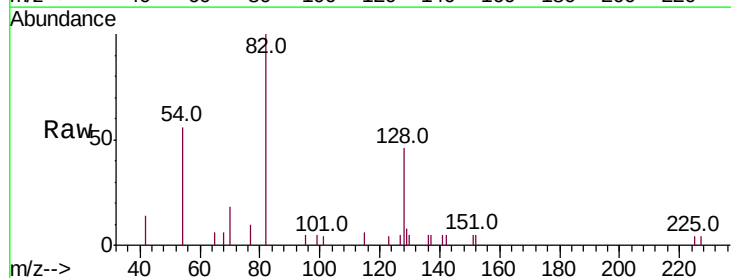
Tgt Ion: 82 Resp: 1874

Ion Ratio Lower Upper

82 100

128 45.9 34.2 51.2

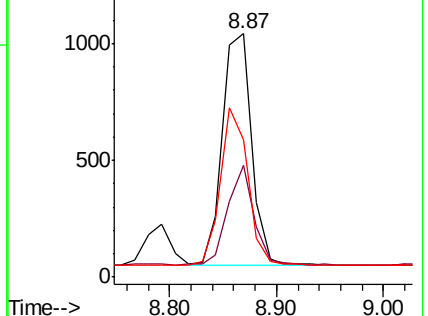
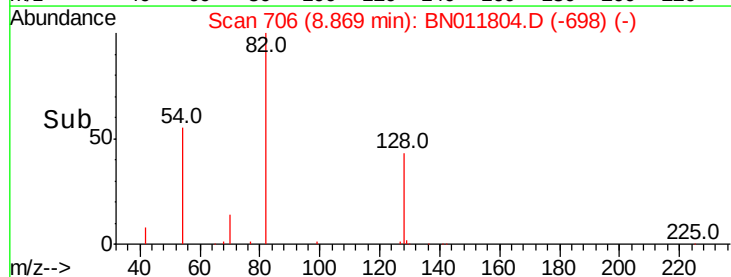
54 56.2 43.1 64.7

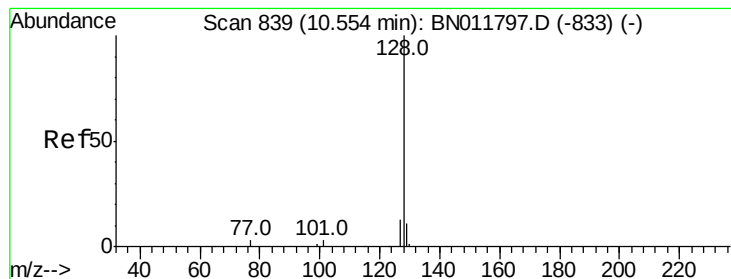


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.385 ng

RT: 10.55 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

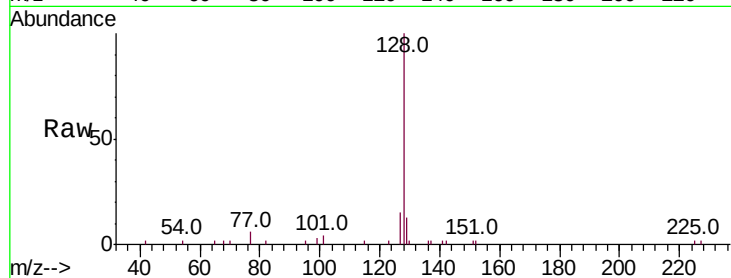
Tot Ion:128 Resp: 4864

Ion Ratio Lower Upper

128 100

129 12.8 9.7 14.5

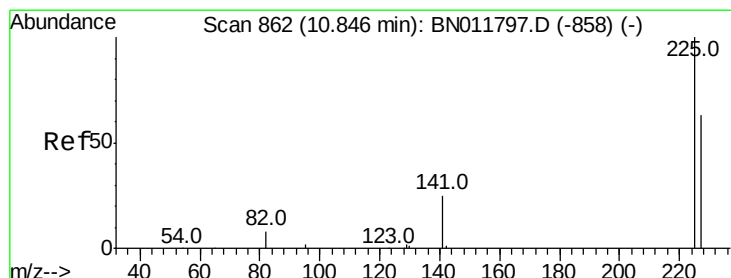
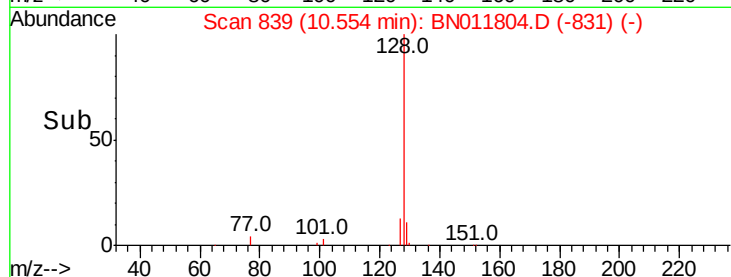
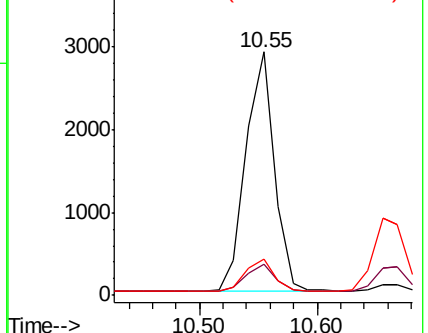
127 14.8 11.0 16.4



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: 0.406 ng

RT: 10.85 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

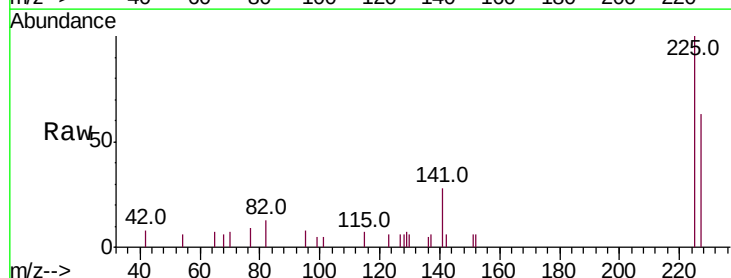
Tgt Ion:225 Resp: 1237

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

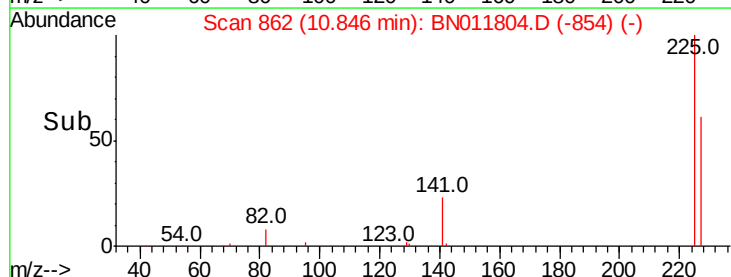
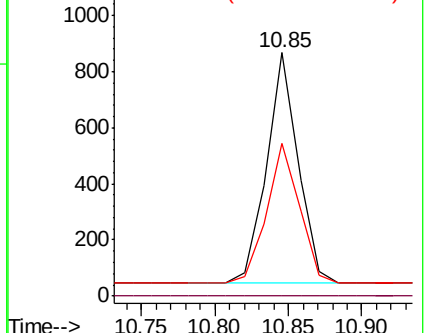
227 63.1 51.9 77.9

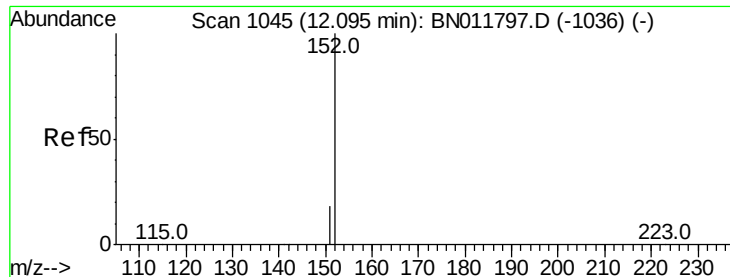


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

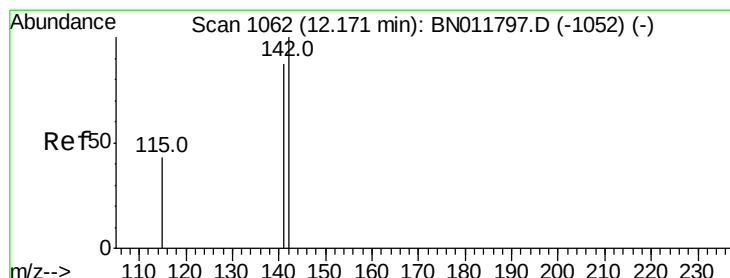
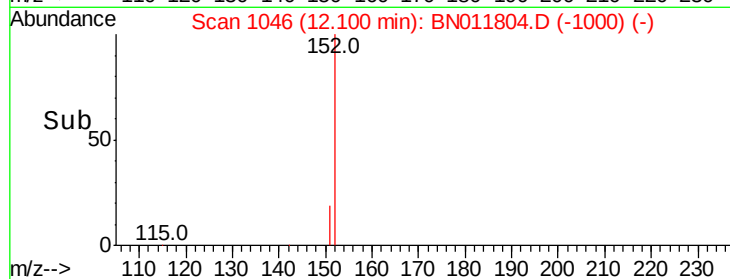
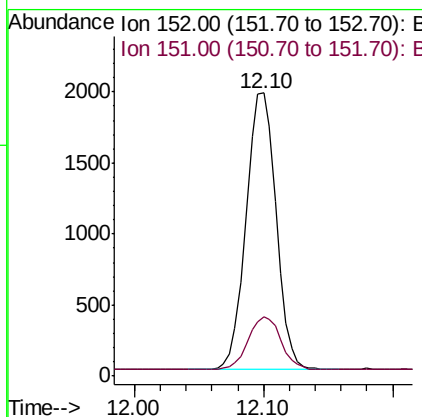
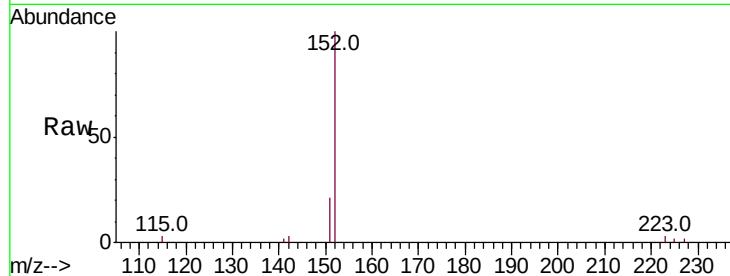




#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.10 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

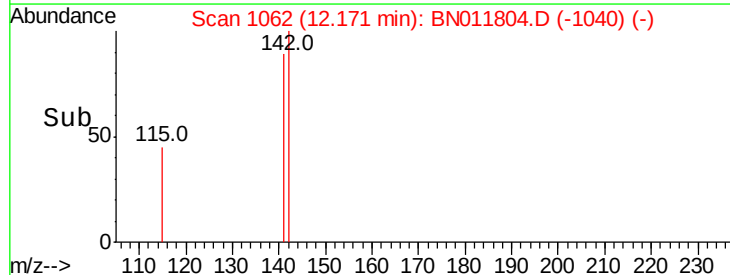
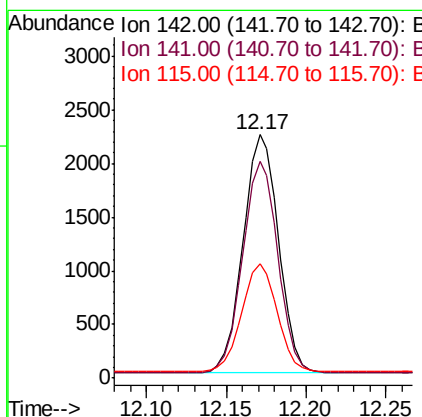
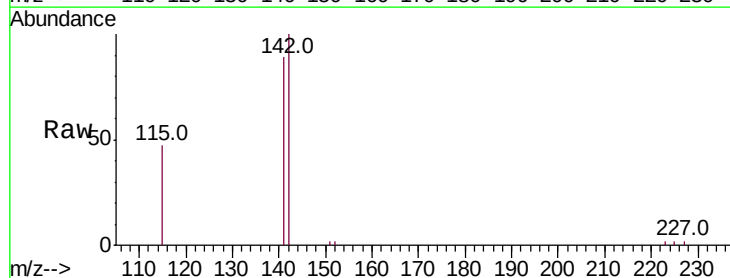
Instrument :
BNA_N
ClientSampleId :
PB131586BS

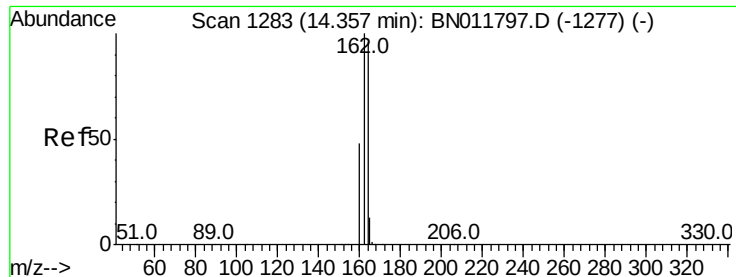
Tot Ion:152 Resp: 3137
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1



#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.17 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:142 Resp: 3447
Ion Ratio Lower Upper
142 100
141 89.2 70.0 105.0
115 47.0 35.8 53.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

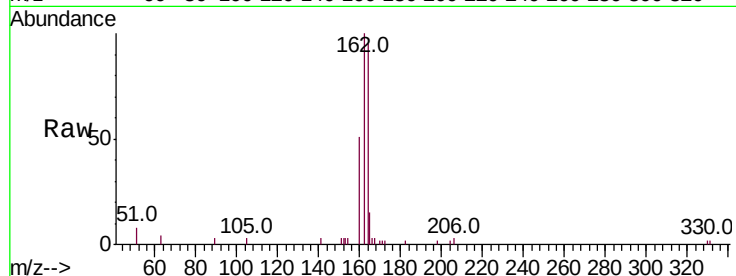
BNA_N

ClientSampleId :

PB131586BS

Tot Ion:164 Resp: 2676

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.6	125.4
160	53.4	41.2	61.8

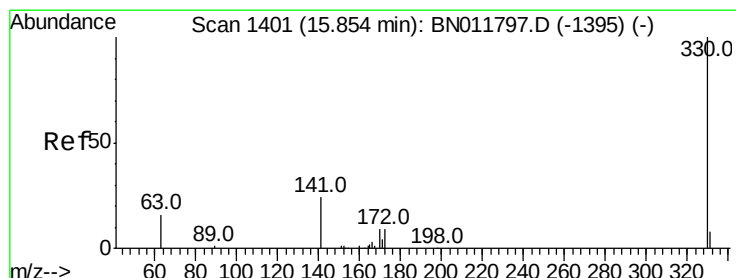
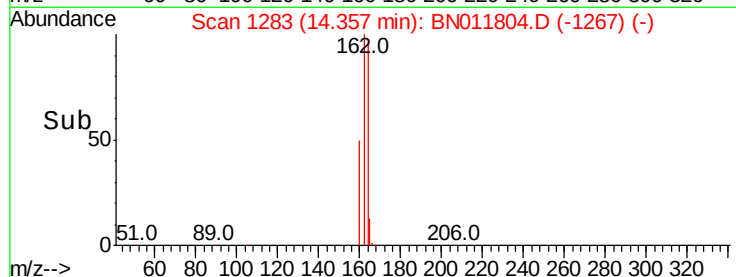
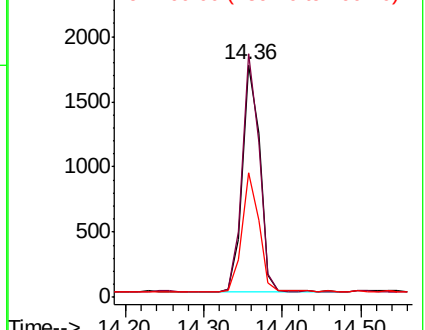


Abundance

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: 0.371 ng

RT: 15.85 min Scan# 1401

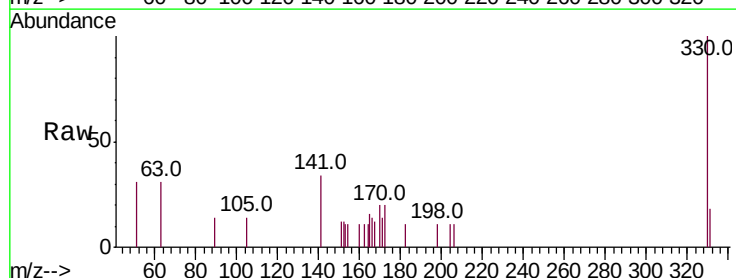
Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Tgt Ion:330 Resp: 543

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.9	33.7	50.5

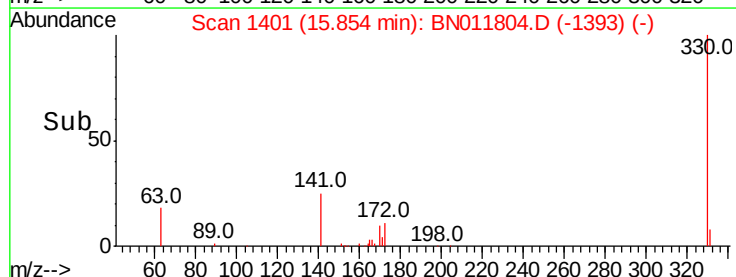
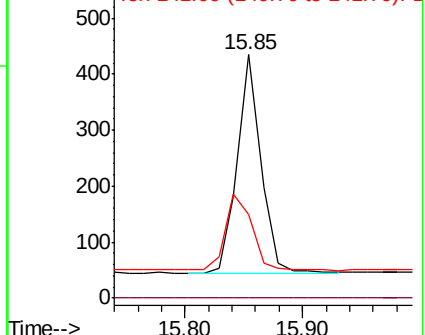


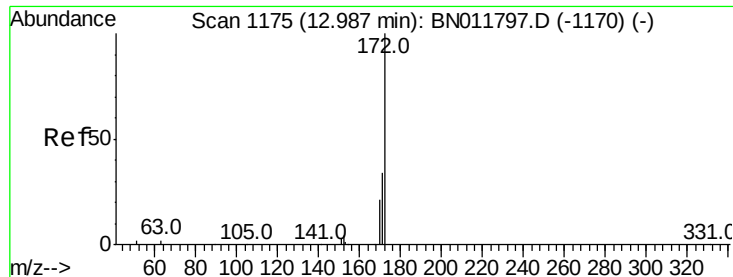
Abundance

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

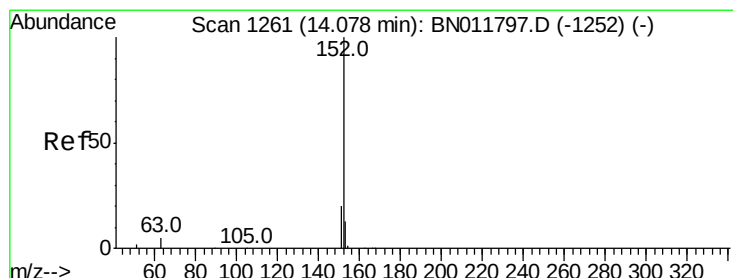
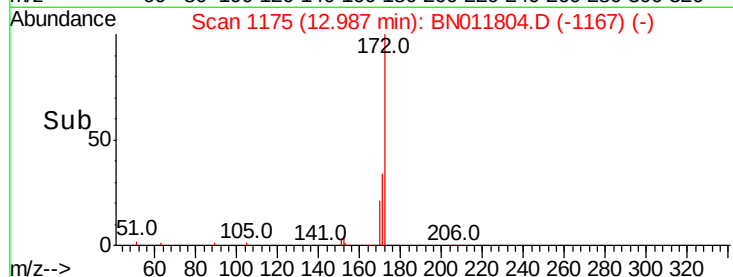
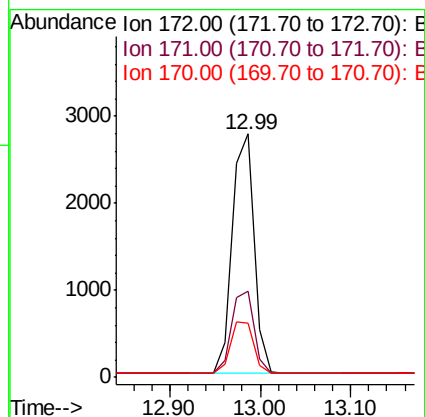
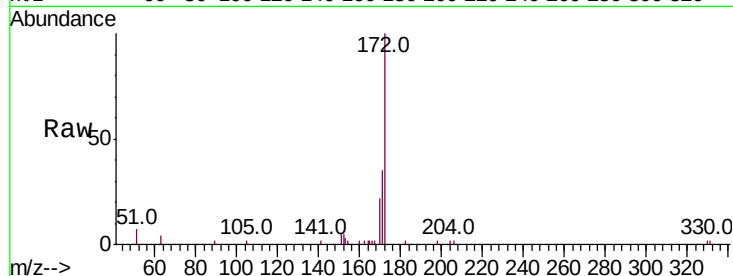




#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

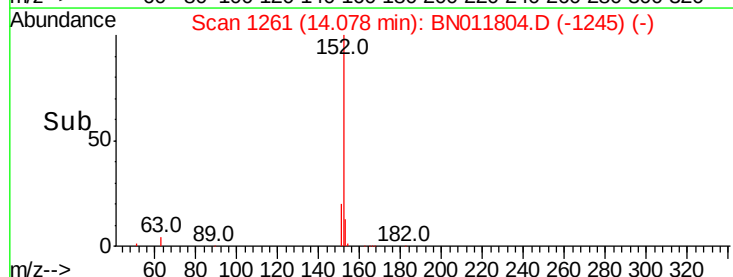
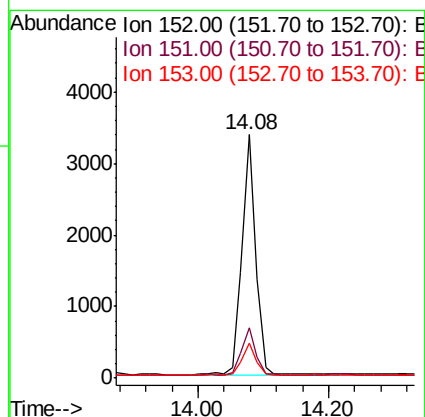
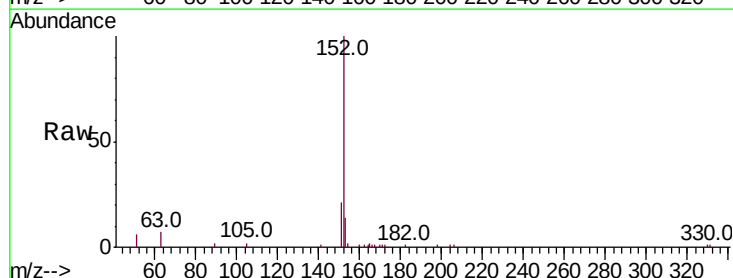
Instrument :
BNA_N
ClientSampleId :
PB131586BS

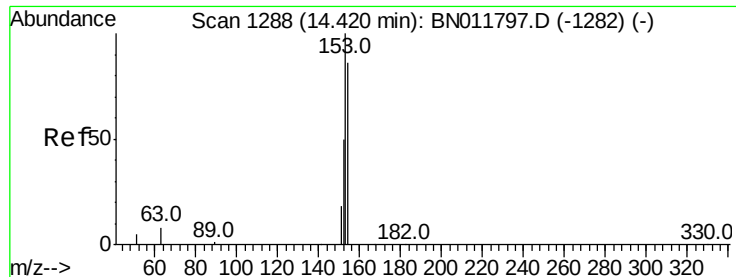
Tot Ion:172 Resp: 4619
Ion Ratio Lower Upper
172 100
171 35.3 27.4 41.2
170 22.4 17.8 26.6



#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.08 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:152 Resp: 4921
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.380 ng

RT: 14.42 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

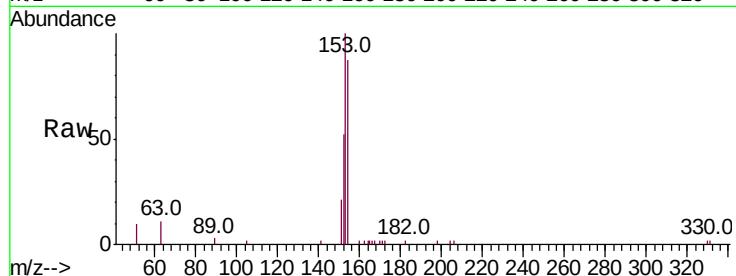
Tot Ion:154 Resp: 3588

Ion Ratio Lower Upper

154 100

153 104.9 83.4 125.2

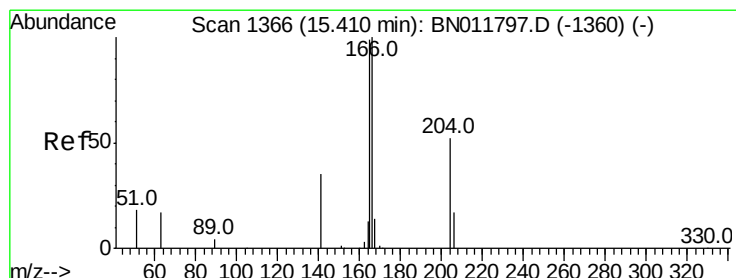
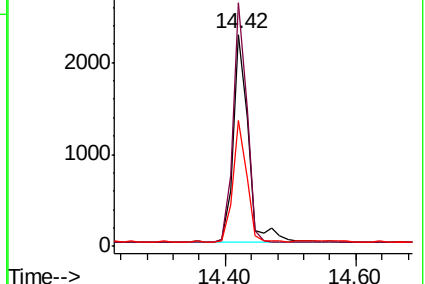
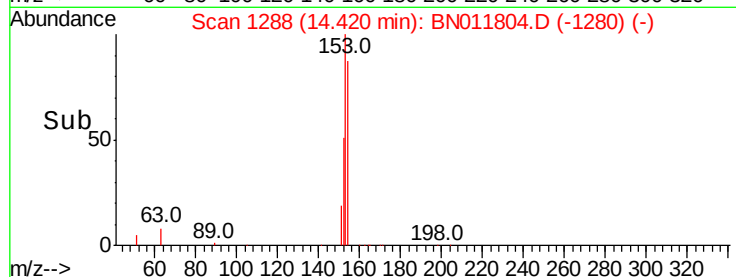
152 52.9 42.8 64.2



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: 0.371 ng

RT: 15.41 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

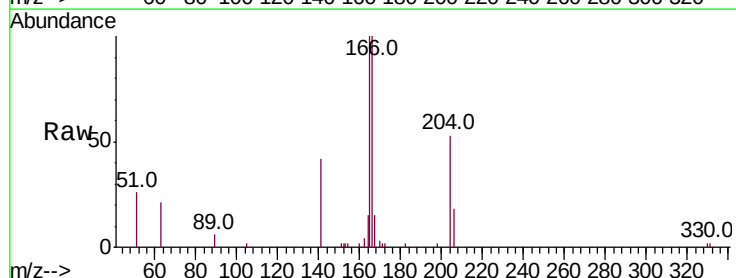
Tgt Ion:166 Resp: 4408

Ion Ratio Lower Upper

166 100

165 97.5 78.8 118.2

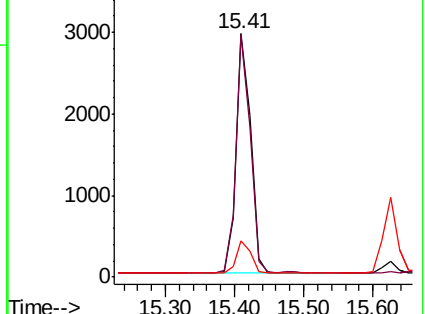
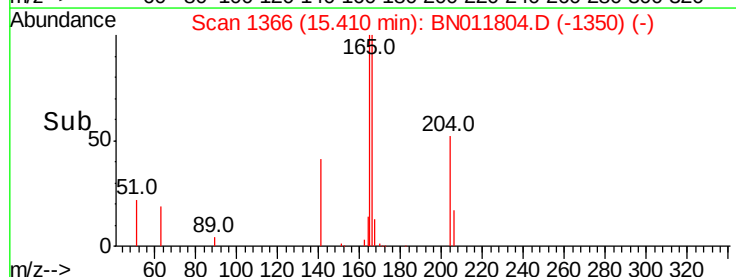
167 13.5 11.2 16.8

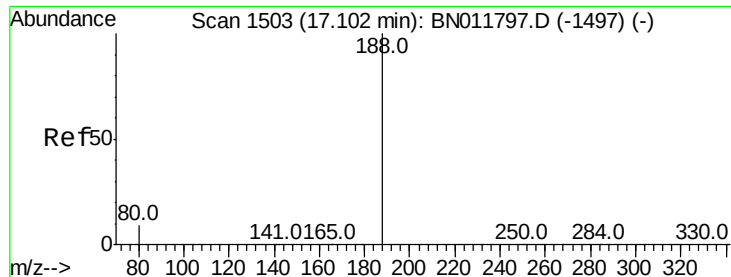


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.10 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

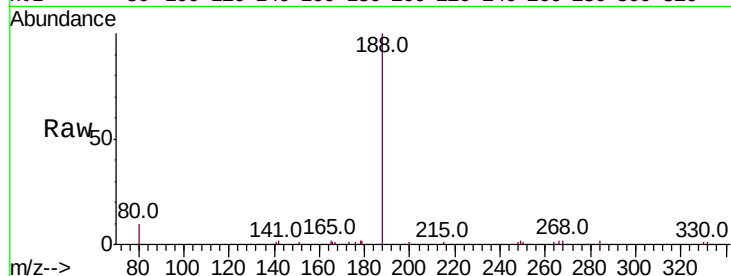
Tot Ion:188 Resp: 6004

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

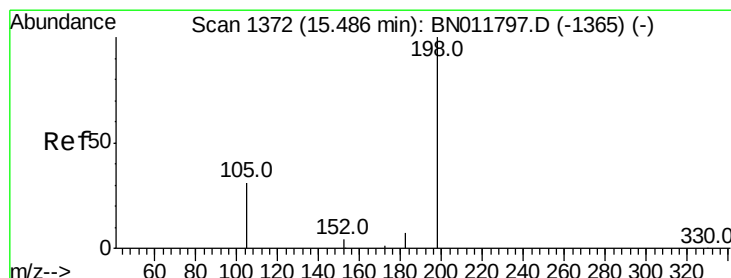
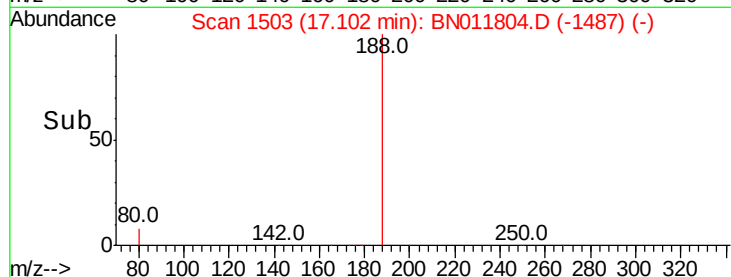
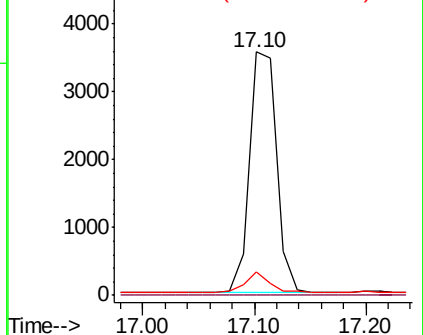
80 9.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 0.464 ng

RT: 15.49 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

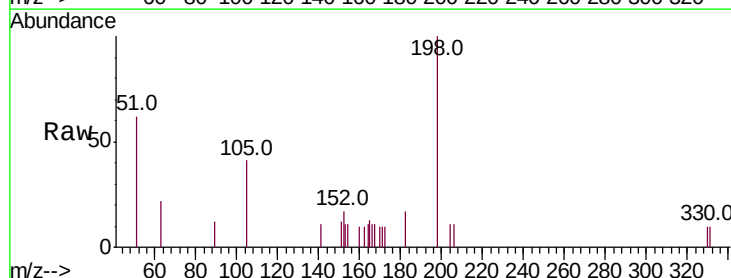
Tgt Ion:198 Resp: 627

Ion Ratio Lower Upper

198 100

51 61.9 45.0 67.4

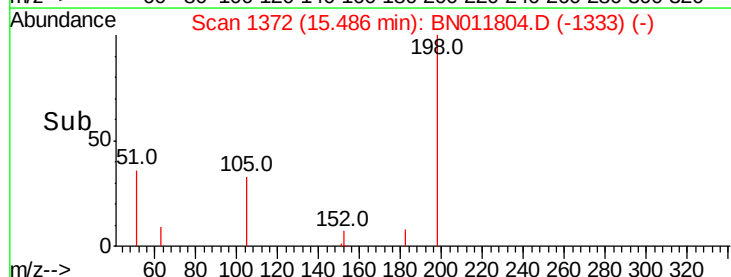
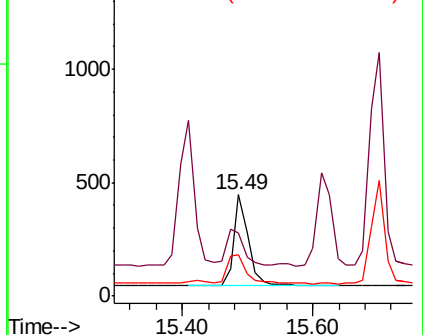
105 41.5 30.4 45.6

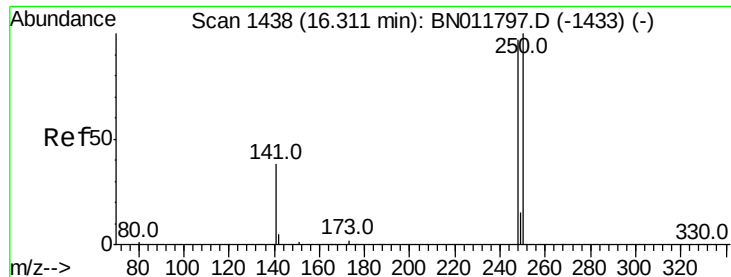


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.377 ng

RT: 16.31 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

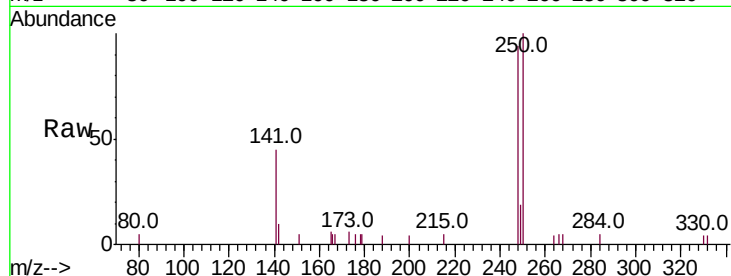
Tot Ion:248 Resp: 1433

Ion Ratio Lower Upper

248 100

250 106.0 82.7 124.1

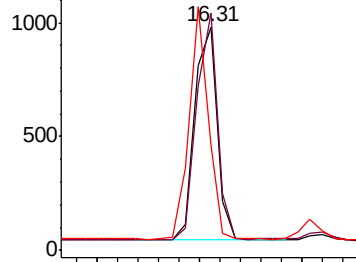
141 47.3 33.7 50.5



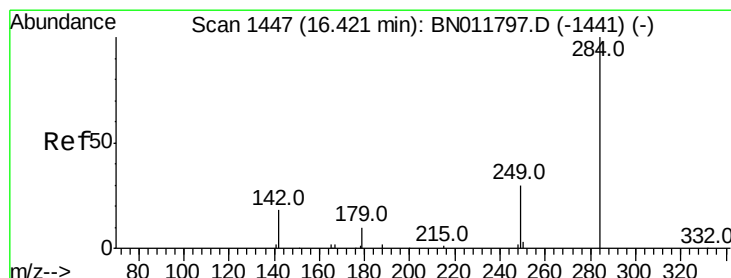
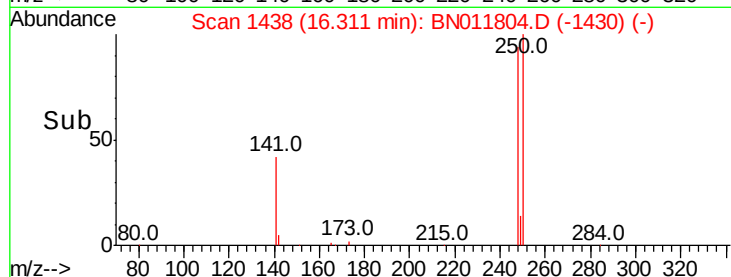
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#22

Hexachlorobenzene

Concen: 0.375 ng

RT: 16.42 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

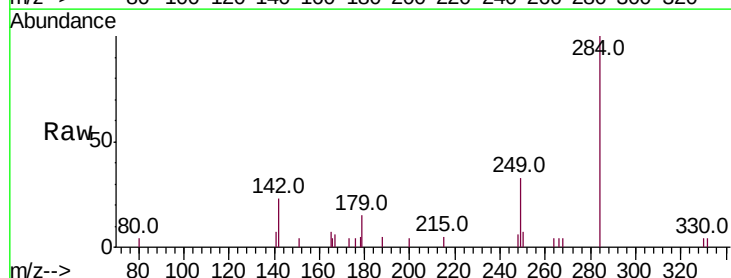
Tgt Ion:284 Resp: 1669

Ion Ratio Lower Upper

284 100

142 41.6 32.4 48.6

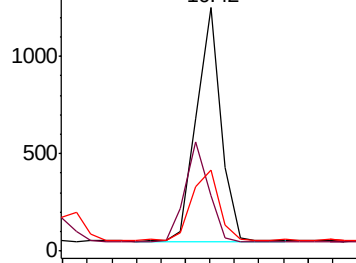
249 34.0 26.8 40.2



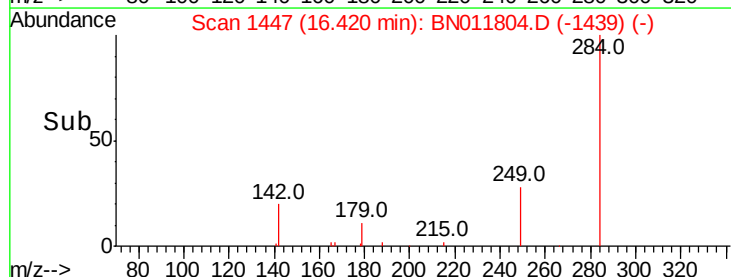
Abundance Ion 283.80 (283.50 to 284.50): E

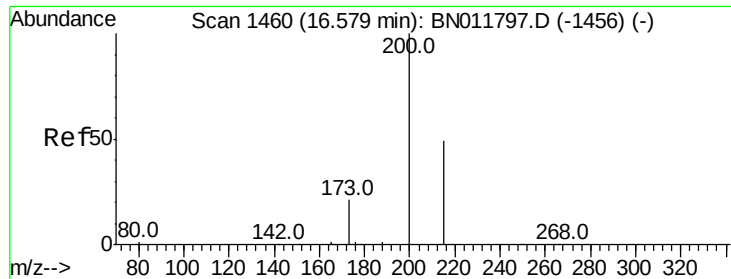
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->





#23

Atrazine

Concen: 0.405 ng

RT: 16.58 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

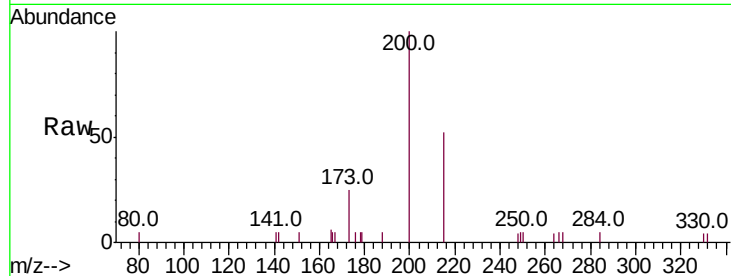
Tot Ion:200 Resp: 1419

Ion Ratio Lower Upper

200 100

173 24.9 18.7 28.1

215 52.2 40.2 60.4

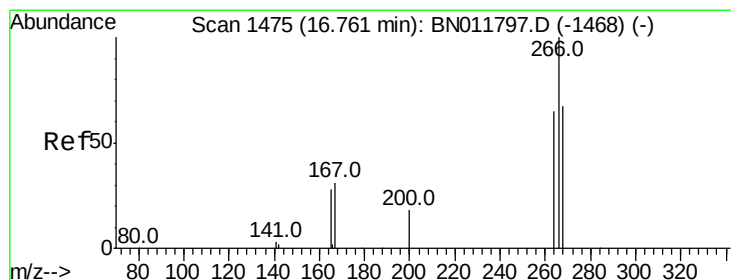
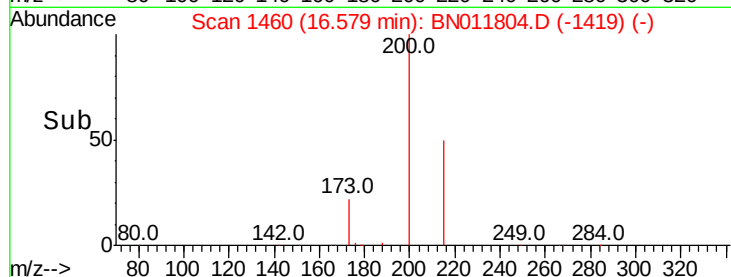
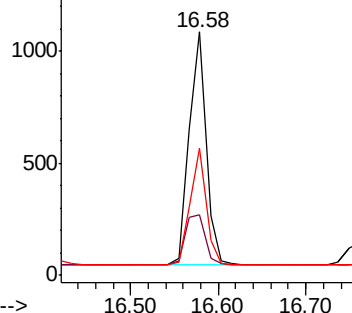


Abundance

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: 0.474 ng

RT: 16.76 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

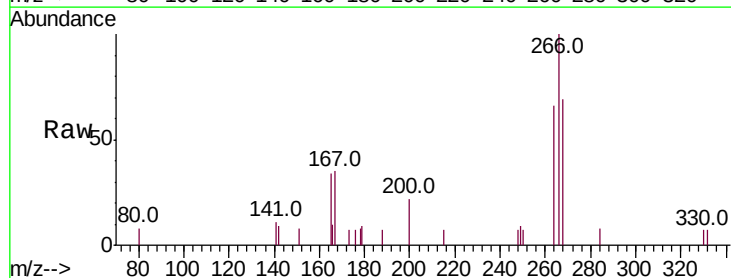
Tgt Ion:266 Resp: 889

Ion Ratio Lower Upper

266 100

264 63.0 51.2 76.8

268 68.2 52.4 78.6

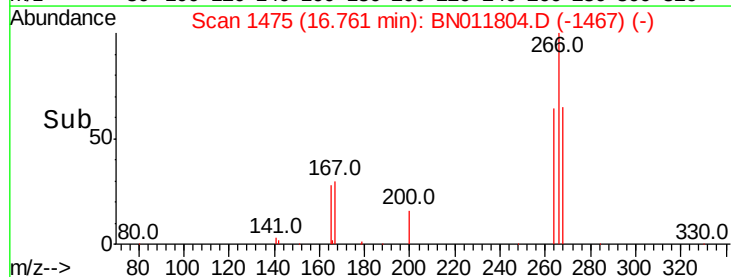
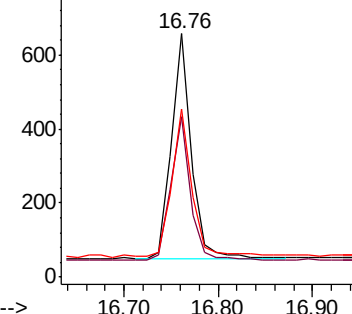


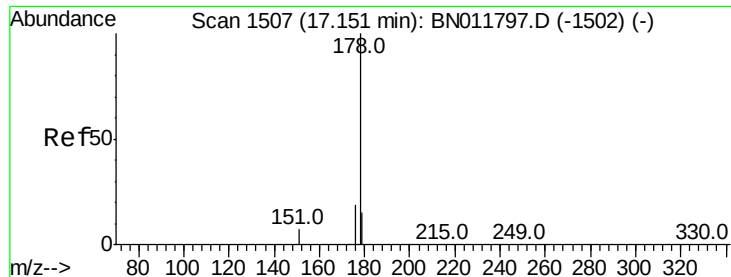
Abundance

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: 0.376 ng

RT: 17.15 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

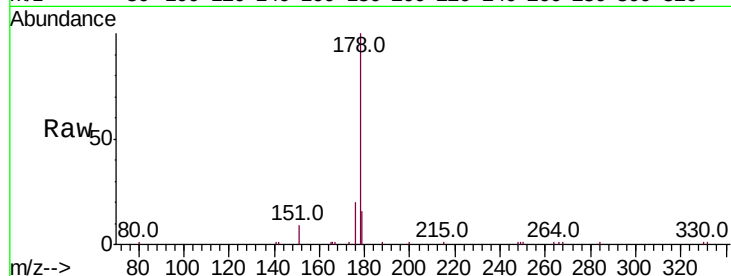
Tot Ion:178 Resp: 7346

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

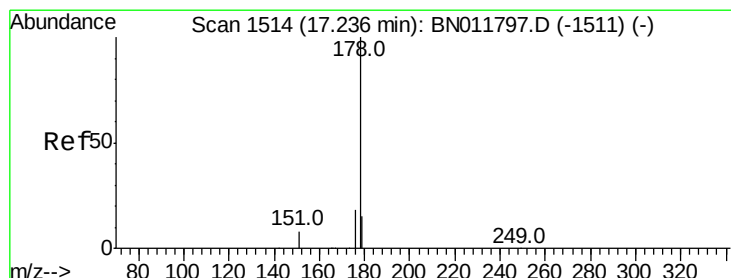
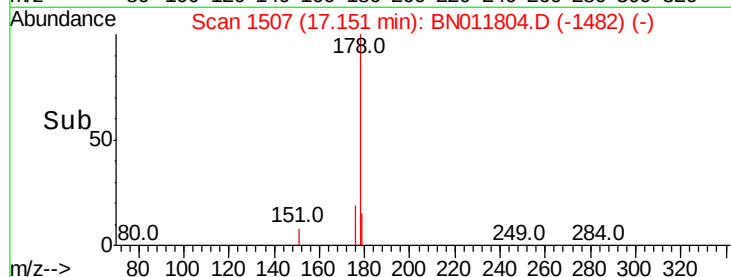
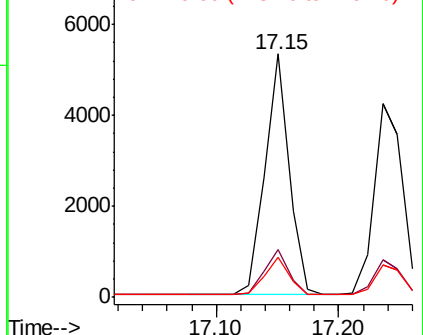
179 15.8 12.3 18.5



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: 0.392 ng

RT: 17.24 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

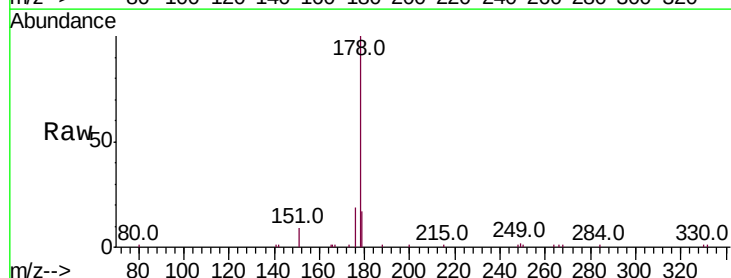
Tgt Ion:178 Resp: 6892

Ion Ratio Lower Upper

178 100

176 17.7 14.6 21.8

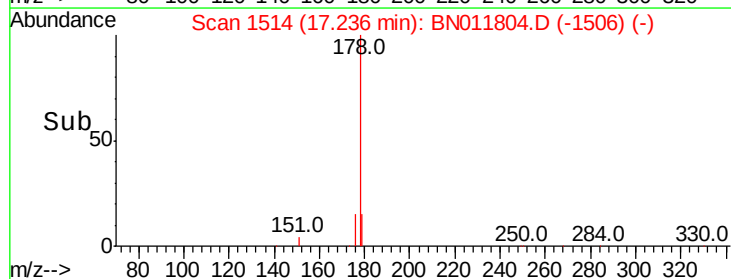
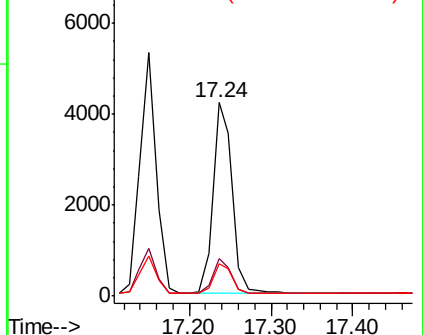
179 15.4 12.4 18.6

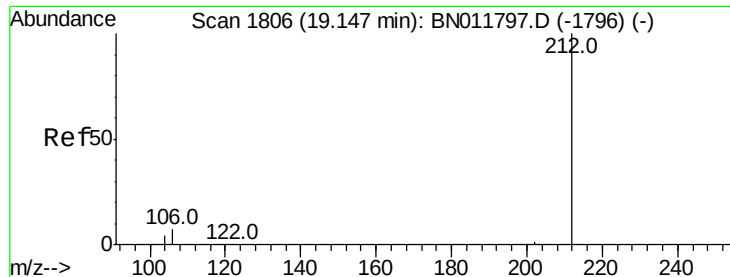


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

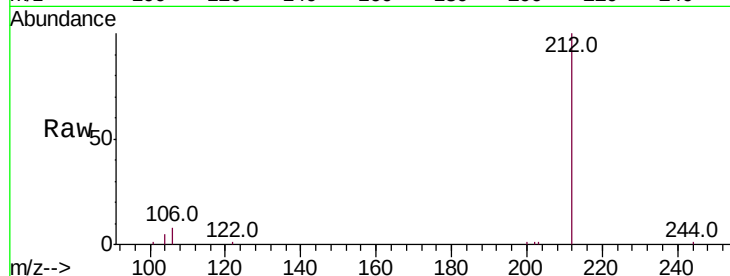




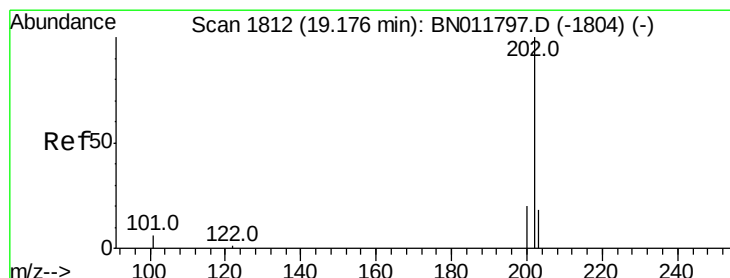
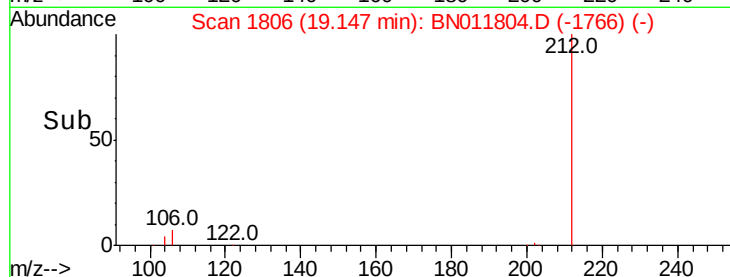
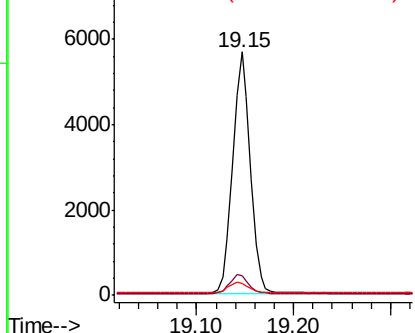
#27
 Fluoranthene-d10
 Concen: 0.367 ng
 RT: 19.15 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BN011804.D
 Acq: 15 Sep 2020 17:29

Instrument :
 BNA_N
 ClientSampleId :
 PB131586BS

Tot Ion:212 Resp: 7184
 Ion Ratio Lower Upper
 212 100
 106 8.0 6.4 9.6
 104 4.7 3.9 5.9

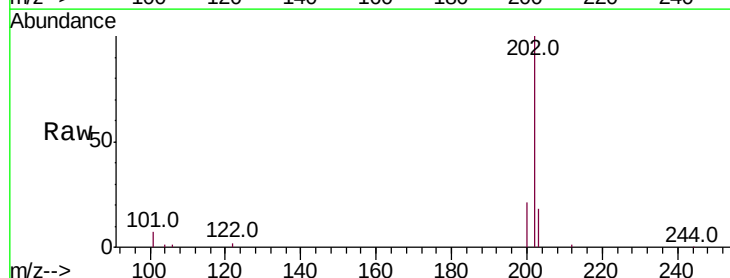


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

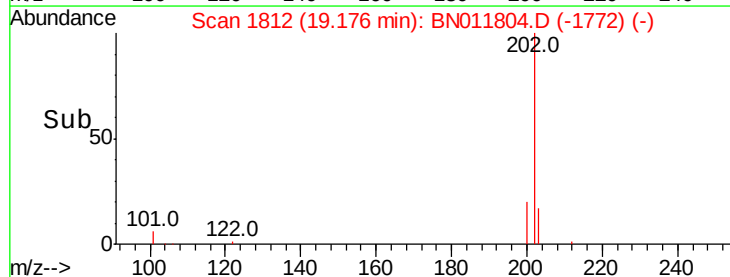
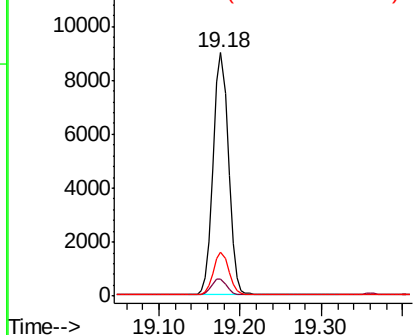


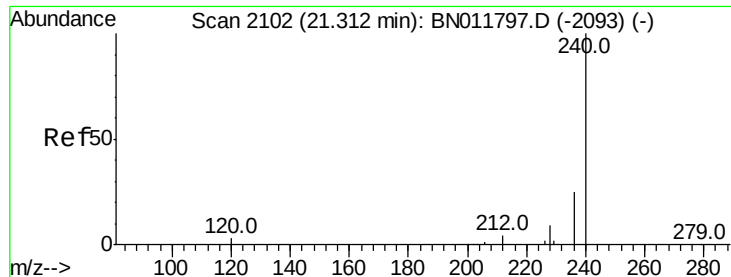
#28
 Fluoranthene
 Concen: 0.479 ng
 RT: 19.18 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BN011804.D
 Acq: 15 Sep 2020 17:29

Tgt Ion:202 Resp: 11663
 Ion Ratio Lower Upper
 202 100
 101 6.8 5.4 8.2
 203 17.3 13.8 20.6



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





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

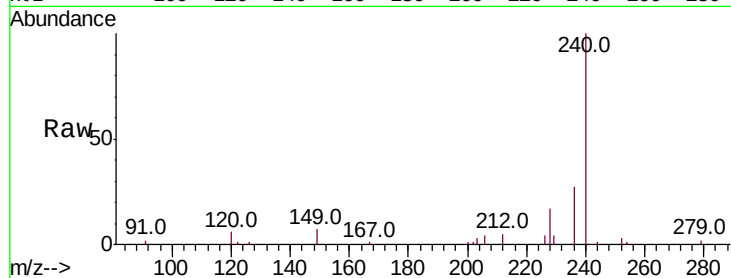
Tot Ion:240 Resp: 8546

Ion Ratio Lower Upper

240 100

120 5.9 3.5 5.3#

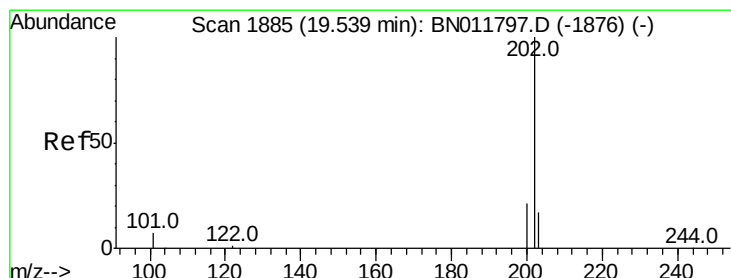
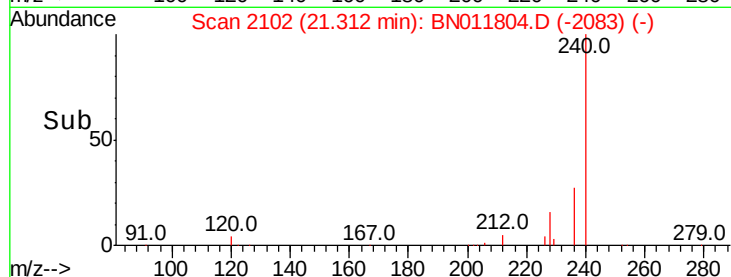
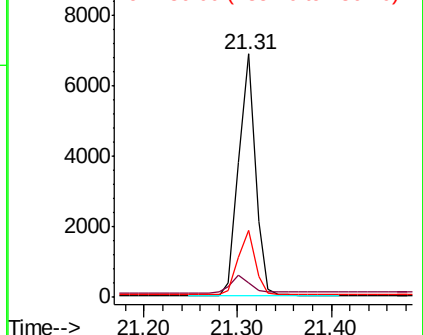
236 27.4 20.5 30.7



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: 0.399 ng

RT: 19.54 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

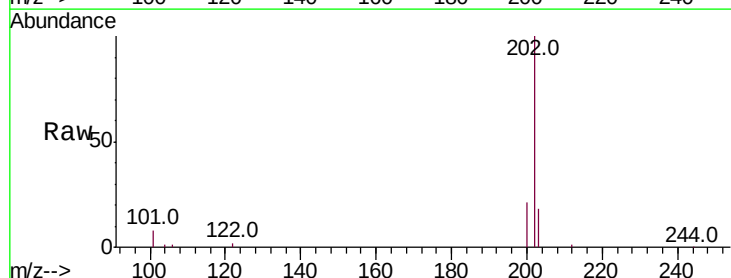
Tgt Ion:202 Resp: 12088

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

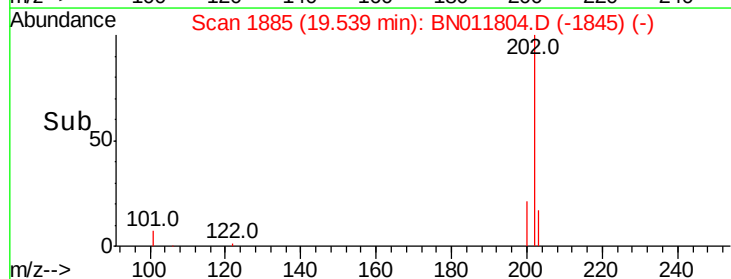
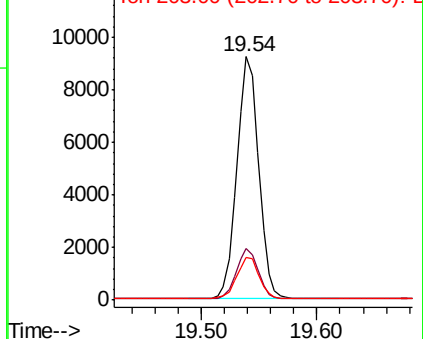
203 17.4 13.9 20.9

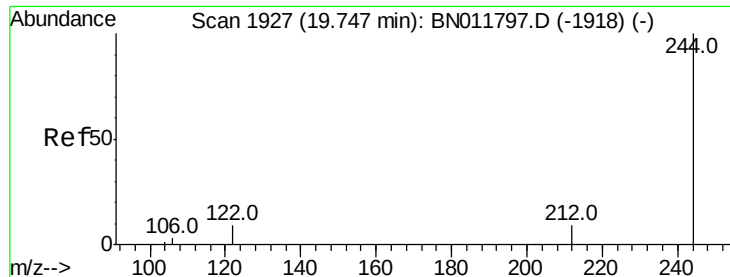


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.620 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

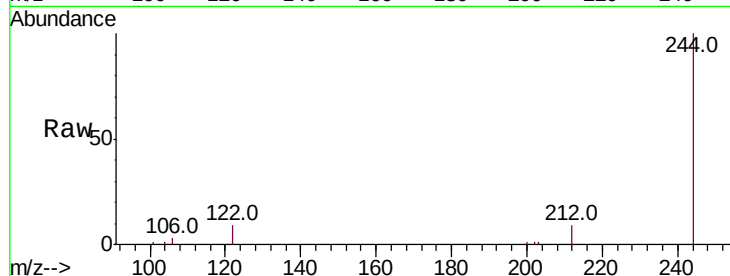
Tot Ion:244 Resp: 14412

Ion Ratio Lower Upper

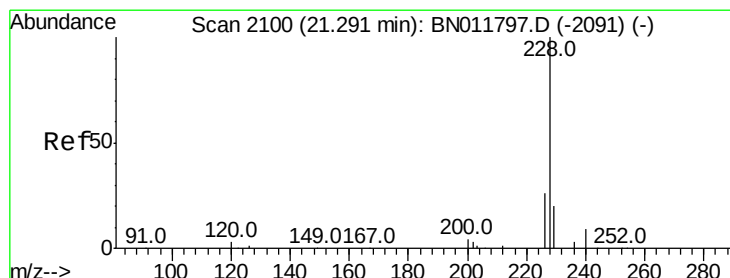
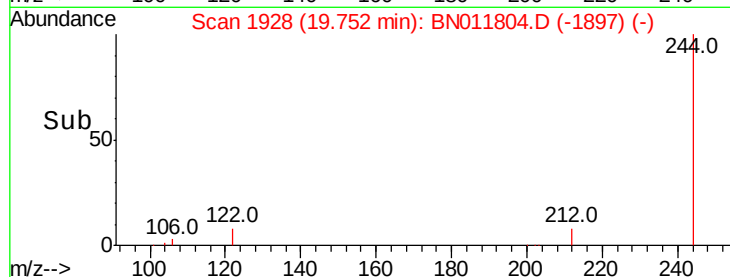
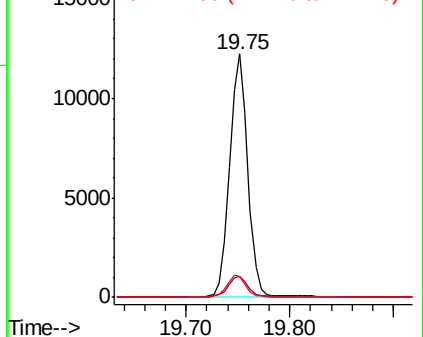
244 100

212 8.8 7.3 10.9

122 8.7 7.8 11.6



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: 0.454 ng

RT: 21.29 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

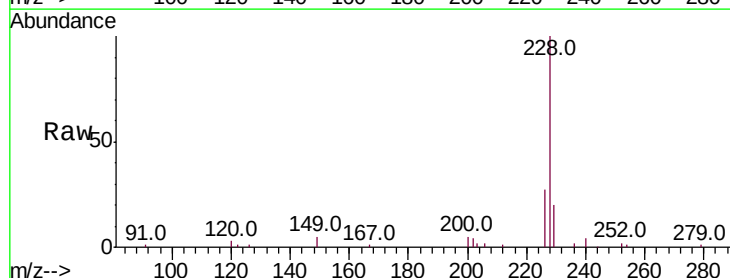
Tgt Ion:228 Resp: 14170

Ion Ratio Lower Upper

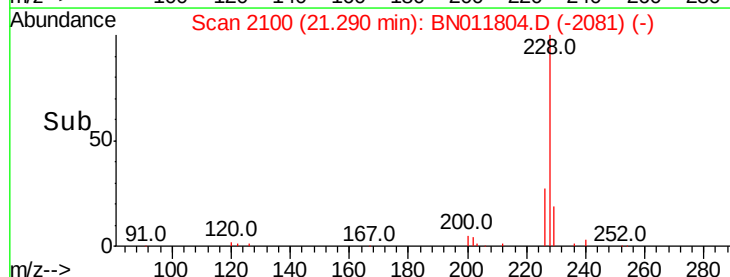
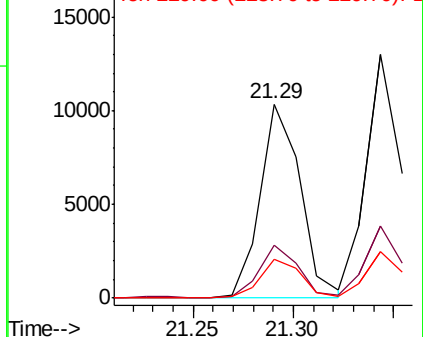
228 100

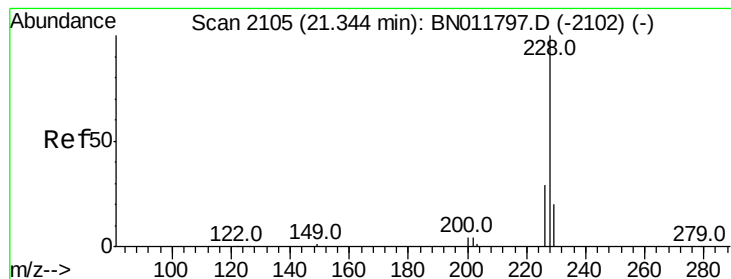
226 27.5 21.0 31.4

229 19.8 16.0 24.0



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





#33

Chrysene

Concen: 0.470 ng

RT: 21.34 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

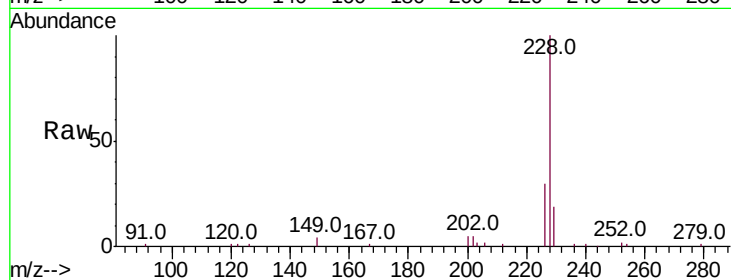
BNA_N

ClientSampleId :

PB131586BS

Tot Ion:228 Resp: 15346

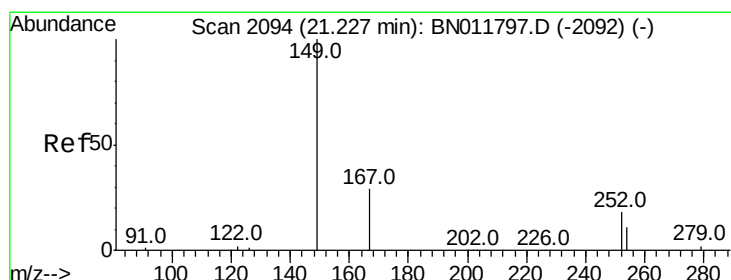
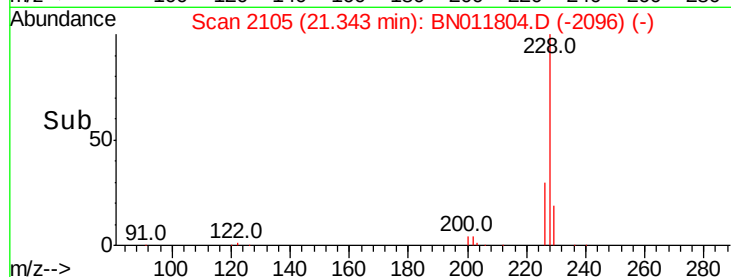
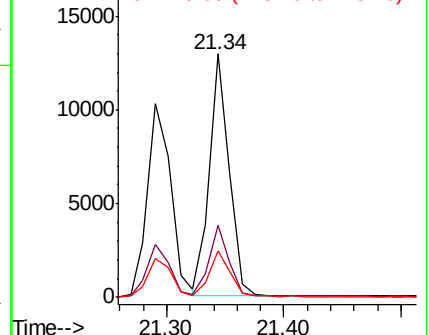
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.3	34.9
229	19.3	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.444 ng

RT: 21.24 min Scan# 2095

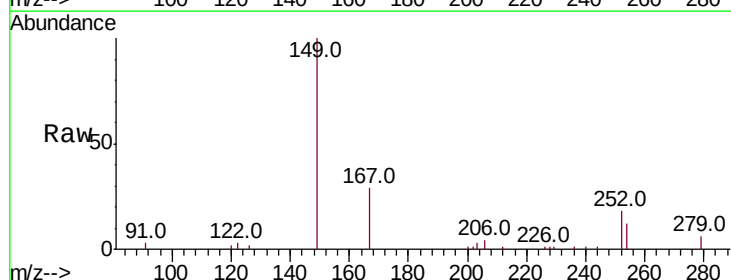
Delta R.T. 0.01 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Tgt Ion:149 Resp: 6198

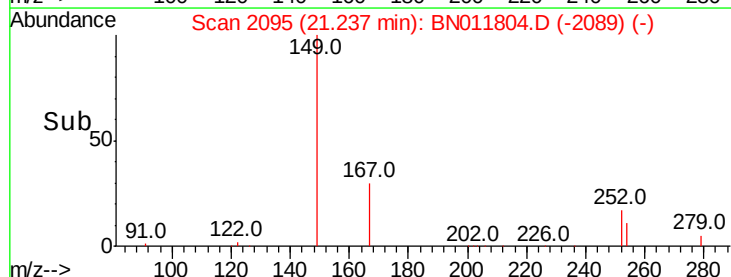
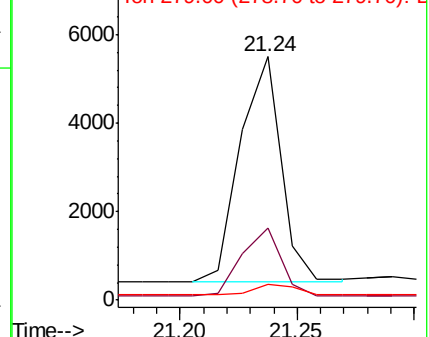
Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.6	35.4
279	5.0	4.0	6.0

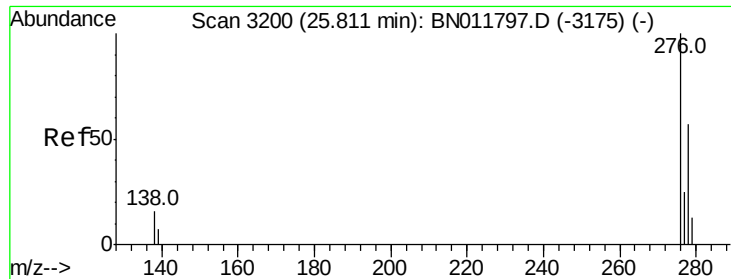


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.502 ng

RT: 25.82 min Scan# 3202

Delta R.T. 0.01 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

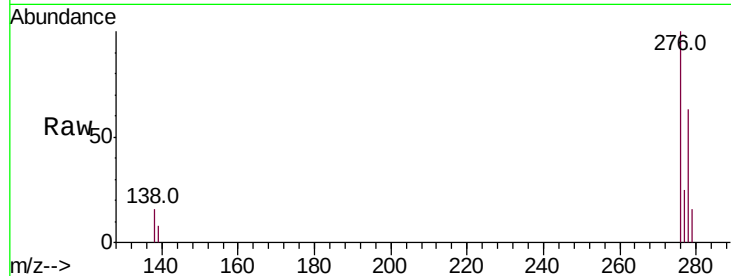
Tot Ion:276 Resp: 21538

Ion Ratio Lower Upper

276 100

138 15.9 13.0 19.4

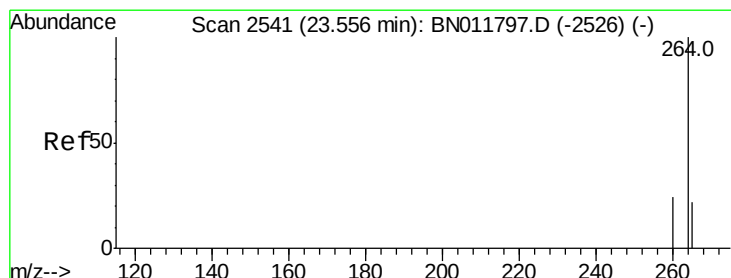
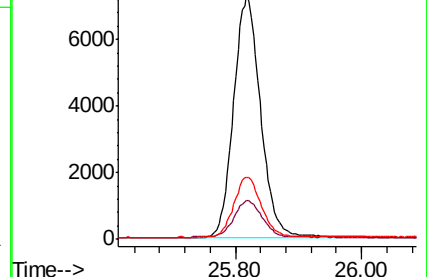
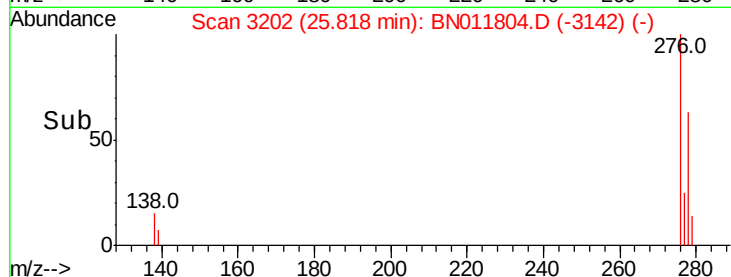
277 25.2 20.0 30.0



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



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.56 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

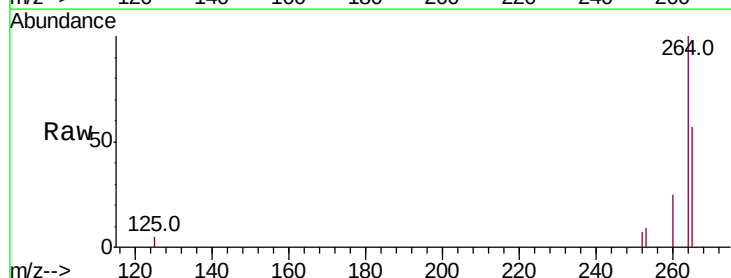
Tgt Ion:264 Resp: 9140

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

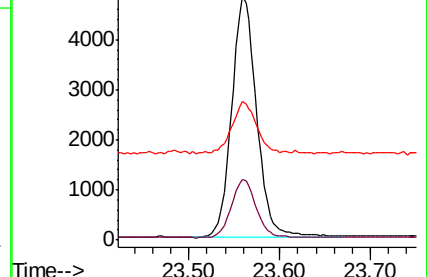
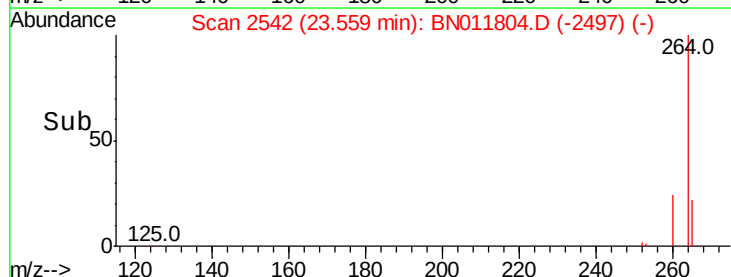
265 57.1 38.6 58.0

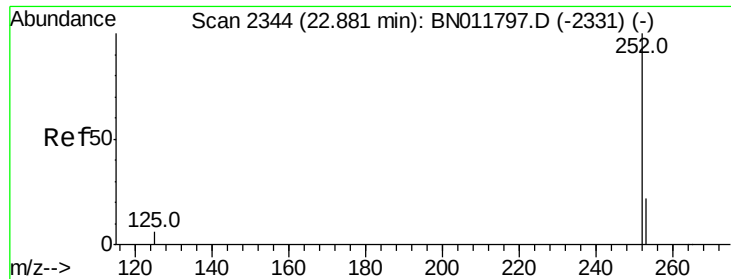


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

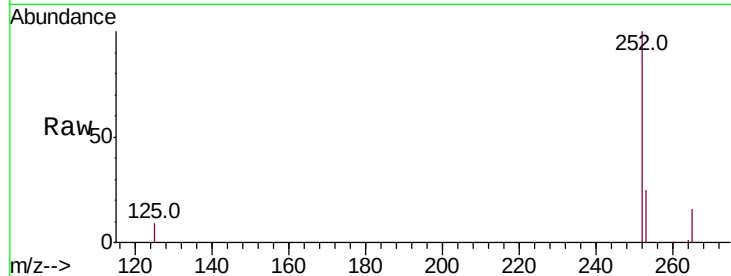




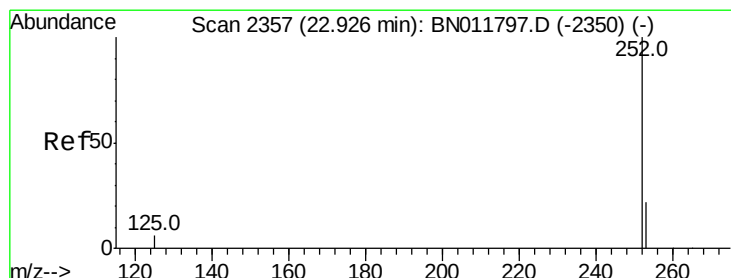
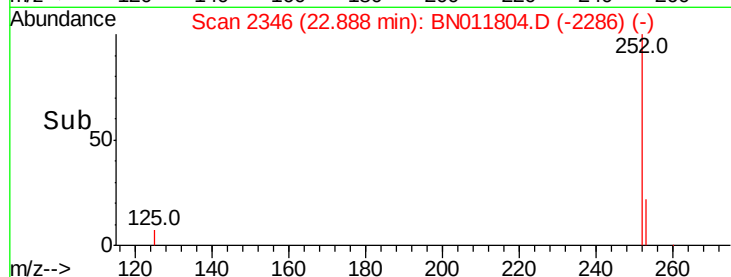
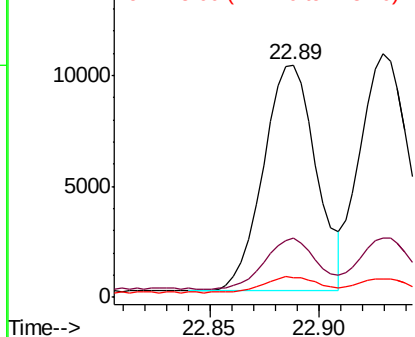
#37
Benzo(b)fluoranthene
Concen: 0.455 ng
RT: 22.89 min Scan# 2346
Delta R.T. 0.01 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tot Ion:252 Resp: 17149
Ion Ratio Lower Upper
252 100
253 25.3 19.1 28.7
125 8.7 6.2 9.2

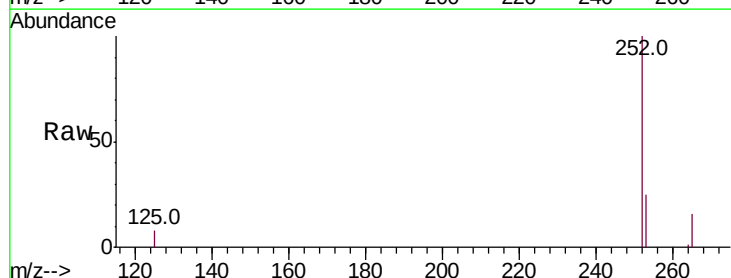


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

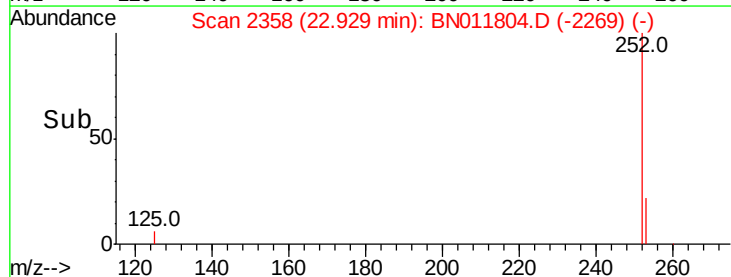
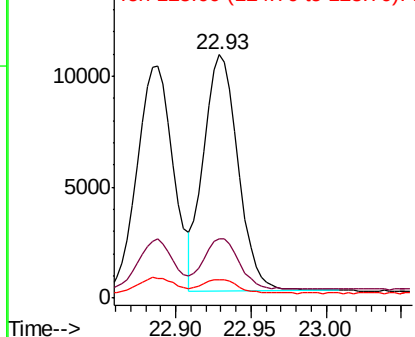


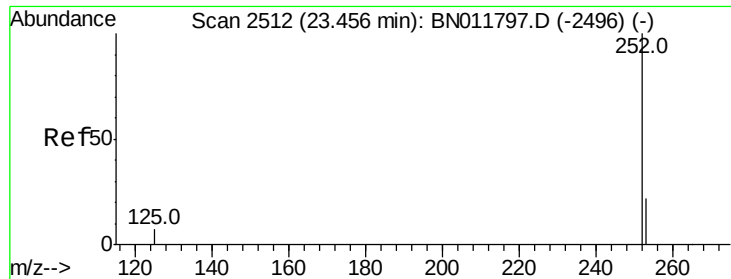
#38
Benzo(k)fluoranthene
Concen: 0.451 ng
RT: 22.93 min Scan# 2358
Delta R.T. 0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:252 Resp: 17015
Ion Ratio Lower Upper
252 100
253 24.6 19.3 28.9
125 7.7 6.0 9.0



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





#39

Benzo(a)pyrene

Concen: 0.454 ng

RT: 23.46 min Scan# 2514

Delta R.T. 0.01 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

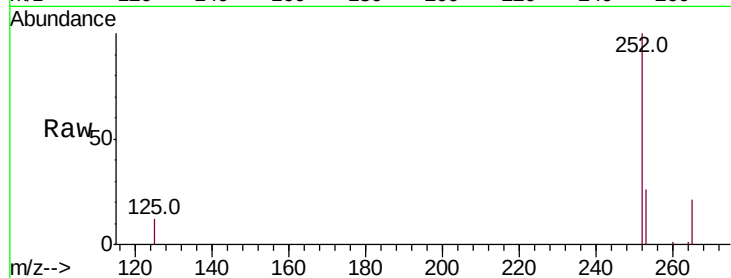
Tot Ion:252 Resp: 14998

Ion Ratio Lower Upper

252 100

253 26.2 19.8 29.6

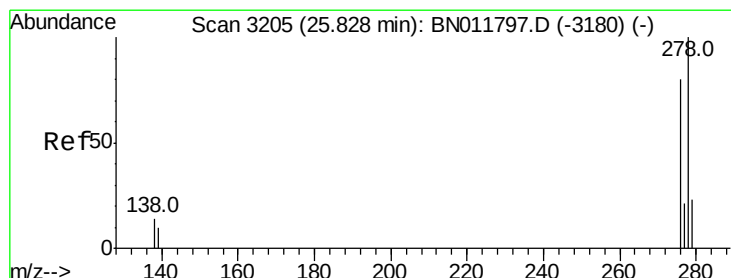
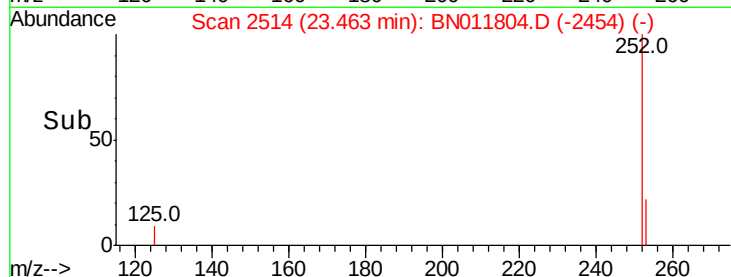
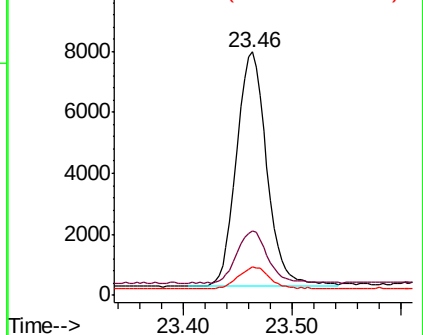
125 11.7 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#40

Dibenzo(a,h)anthracene

Concen: 0.476 ng

RT: 25.83 min Scan# 3206

Delta R.T. 0.00 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

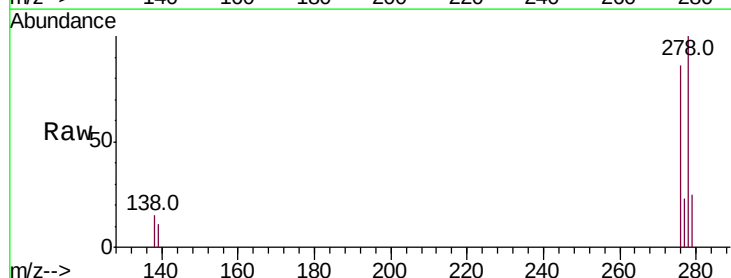
Tgt Ion:278 Resp: 18201

Ion Ratio Lower Upper

278 100

139 11.4 8.6 13.0

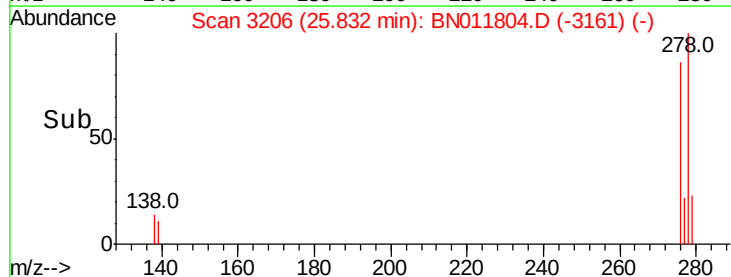
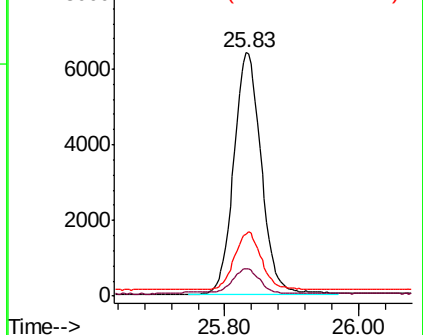
279 25.4 19.8 29.8

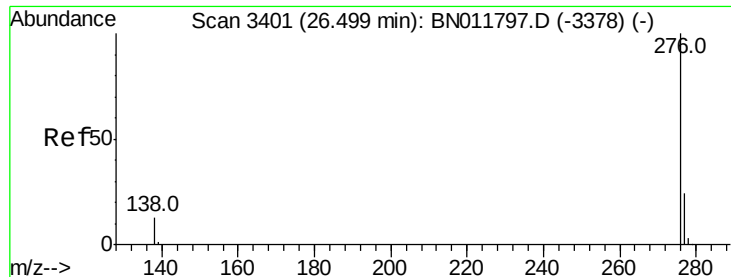


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.462 ng

RT: 26.51 min Scan# 3403

Delta R.T. 0.01 min

Lab File: BN011804.D

Acq: 15 Sep 2020 17:29

Instrument :

BNA_N

ClientSampleId :

PB131586BS

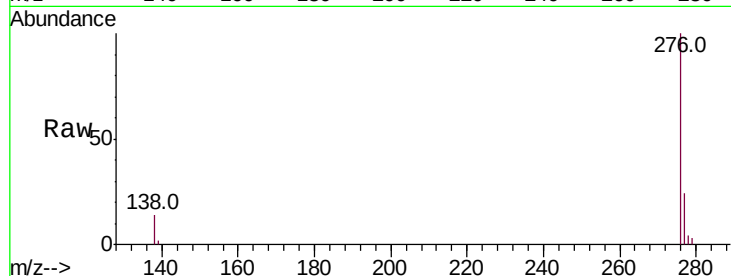
Tot Ion: 276 Resp: 17639

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 14.5 11.3 16.9



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

