

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
 Data File : BN010794.D
 Acq On : 05 Jun 2020 23:31
 Operator : CG/JU
 Sample : PB129300BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB129300BSD

Quant Time: Jun 06 01:27:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 22:48:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2380	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	7820	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	4089	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	8270	0.40	ng	0.00
27) Chrysene-d12	21.13	240	7089	0.40	ng	-0.01
34) Perylene-d12	23.29	264	7226	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1407	0.30	ng	0.00
5) Phenol-d6	6.76	99	1594	0.28	ng	0.00
8) Nitrobenzene-d5	8.69	82	1781	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	4939	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	378	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	5246	0.33	ng	-0.01
25) Fluoranthene-d10	18.97	212	6506	0.28	ng	0.00
29) Terphenyl-d14	19.58	244	5132	0.32	ng	0.00

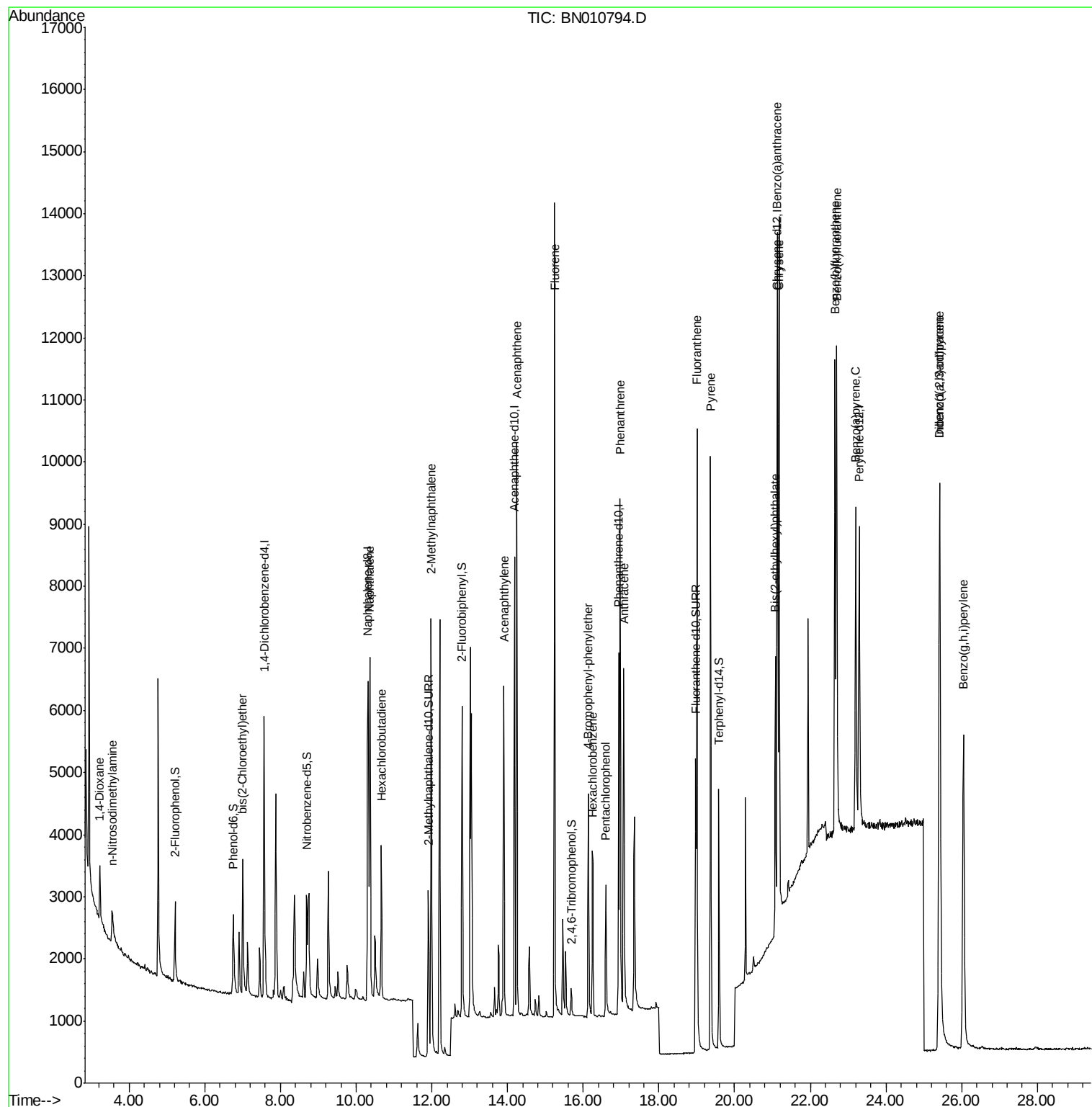
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	777	0.330	ng	# 82
3) n-Nitrosodimethylamine	3.55	42	223	0.163	ng	# 1
6) bis(2-Chloroethyl)ether	7.01	93	2332	0.436	ng	98
9) Naphthalene	10.35	128	8405	0.432	ng	99
10) Hexachlorobutadiene	10.66	225	1971	0.415	ng	# 100
12) 2-Methylnaphthalene	11.98	142	5448	0.422	ng	99
16) Acenaphthylene	13.90	152	6866	0.414	ng	100
17) Acenaphthene	14.25	154	4755	0.423	ng	99
18) Fluorene	15.24	166	6016	0.413	ng	99
20) 4-Bromophenyl-phenylether	16.14	248	1899	0.394	ng	97
21) Hexachlorobenzene	16.25	284	2176	0.427	ng	99
22) Pentachlorophenol	16.59	266	1349	0.778	ng	98
23) Phenanthrene	16.97	178	9120	0.408	ng	100
24) Anthracene	17.07	178	7583	0.400	ng	99
26) Fluoranthene	19.00	202	9932	0.384	ng	99
28) Pyrene	19.37	202	9864	0.439	ng	99
30) Benzo(a)anthracene	21.12	228	8750	0.420	ng	100
31) Chrysene	21.17	228	9981	0.422	ng	99
32) Bis(2-ethylhexyl)phthalate	21.08	149	2744	0.399	ng	99
33) Indeno(1,2,3-cd)pyrene	25.41	276	12626	0.445	ng	98
35) Benzo(b)fluoranthene	22.65	252	9843	0.418	ng	96
36) Benzo(k)fluoranthene	22.69	252	10794	0.417	ng	99
37) Benzo(a)pyrene	23.20	252	8829	0.420	ng	# 88
38) Dibenzo(a,h)anthracene	25.42	278	10577	0.447	ng	99
39) Benzo(g,h,i)perylene	26.05	276	11503	0.470	ng	99

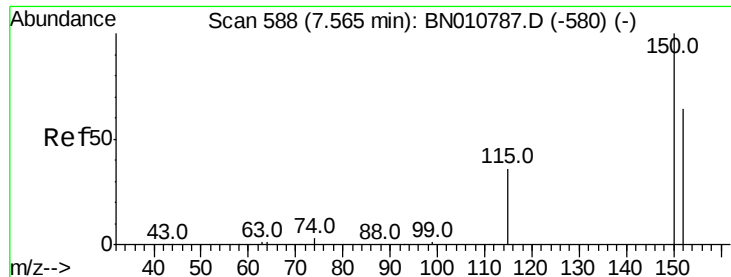
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 05 22:48:49 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.57 min Scan# 588

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

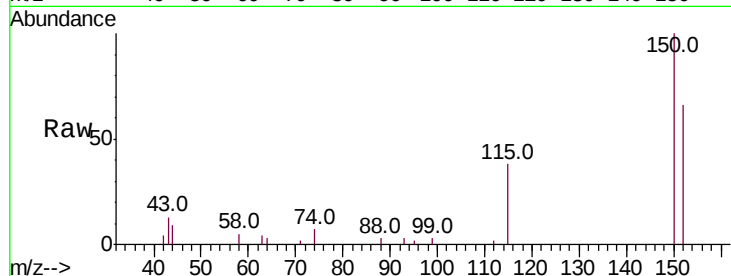
Tot Ion:152 Resp: 2380

Ion Ratio Lower Upper

152 100

150 152.6 123.6 185.4

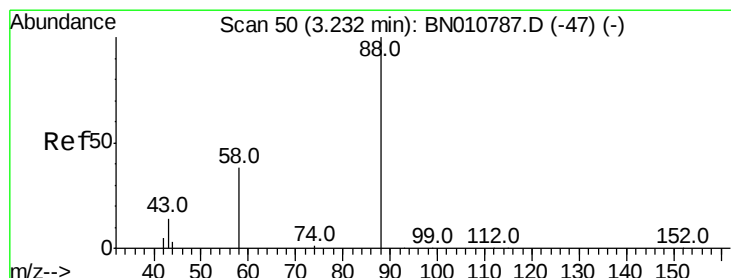
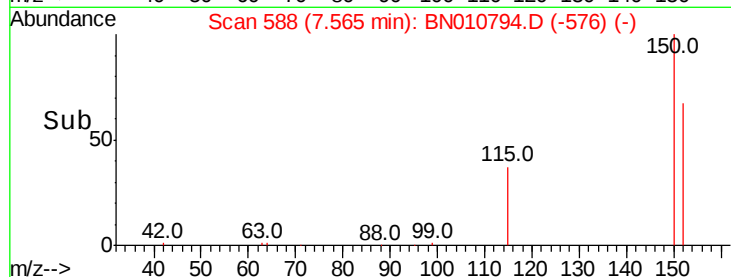
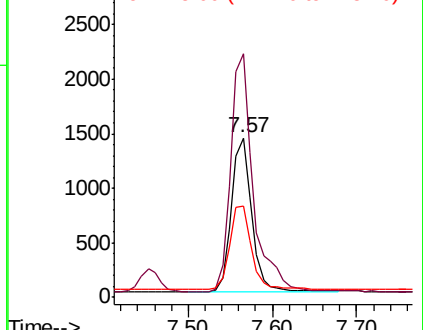
115 57.5 47.6 71.4



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: 0.330 ng

RT: 3.23 min Scan# 50

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

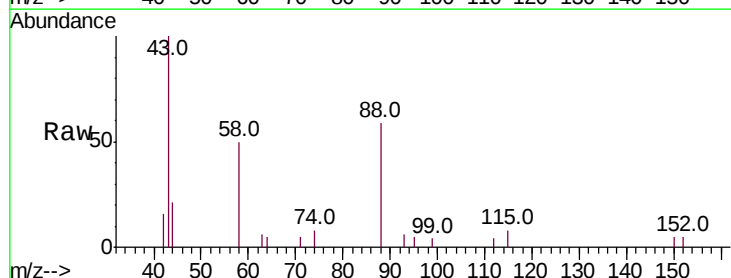
Tgt Ion: 88 Resp: 777

Ion Ratio Lower Upper

88 100

58 51.4 38.8 58.2

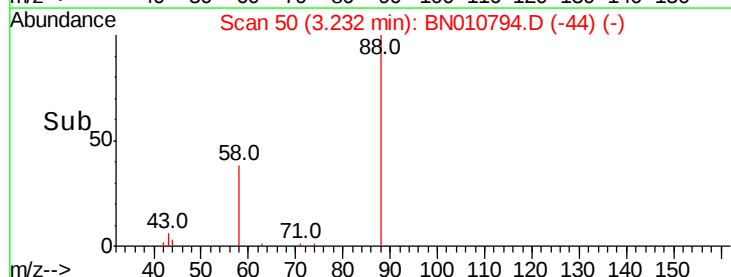
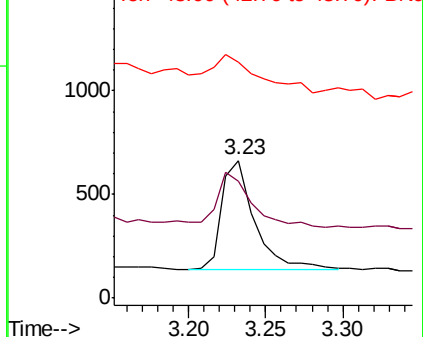
43 43.2 15.9 23.9#

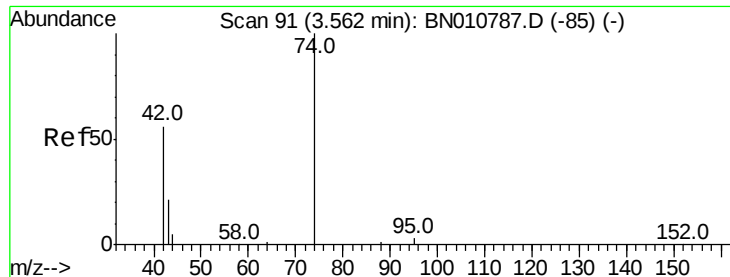


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.163 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.02 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

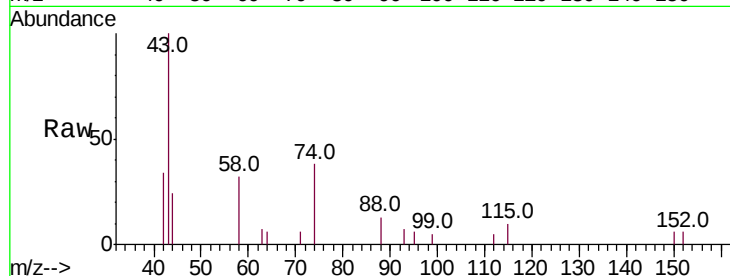
Tot Ion: 42 Resp: 223

Ion Ratio Lower Upper

42 100

74 495.5 0.8 1.2#

44 21.5 7.8 11.6#

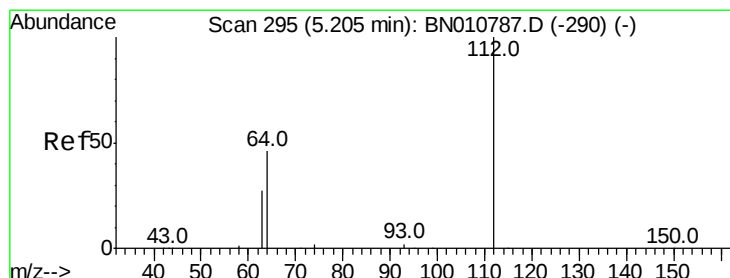
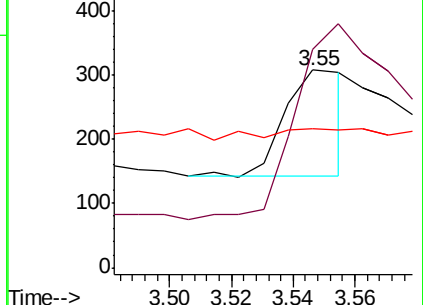
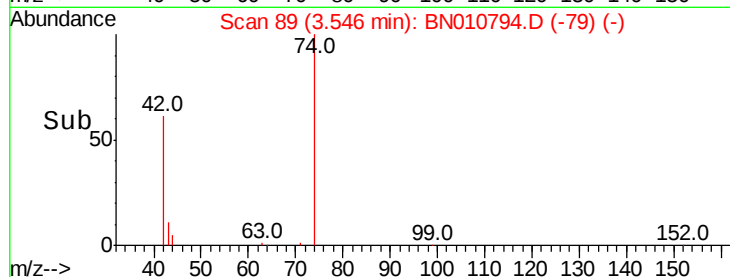


Abundance Ion 42.00 (41.70 to 42.70): BN010787.D (-85) (-)

Ion 74.00 (73.70 to 74.70): BN010787.D (-85) (-)

Ion 44.00 (43.70 to 44.70): BN010787.D (-85) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.296 ng

RT: 5.21 min Scan# 296

Delta R.T. 0.01 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

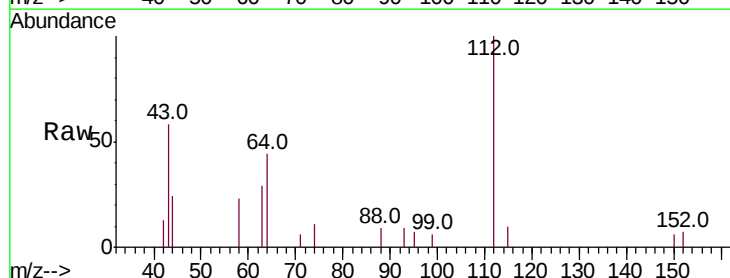
Tgt Ion: 112 Resp: 1407

Ion Ratio Lower Upper

112 100

64 47.1 35.8 53.8

63 25.6 20.9 31.3

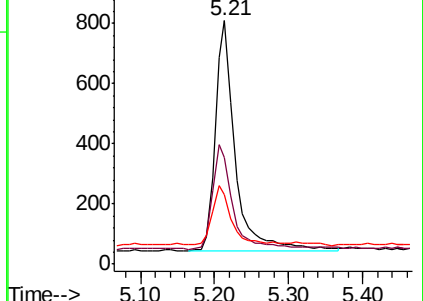
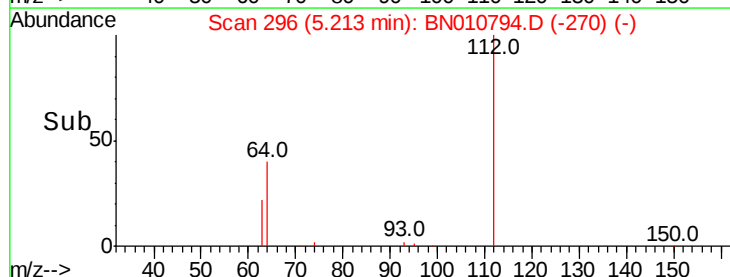


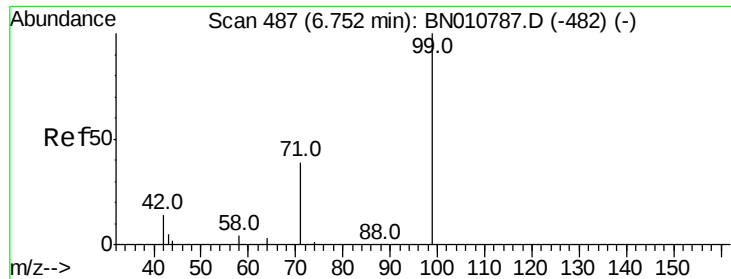
Abundance Ion 112.00 (111.70 to 112.70): BN010787.D (-290) (-)

Ion 64.00 (63.70 to 64.70): BN010787.D (-290) (-)

Ion 63.00 (62.70 to 63.70): BN010787.D (-290) (-)

Time-->





#5

Phenol-d6

Concen: 0.284 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.01 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

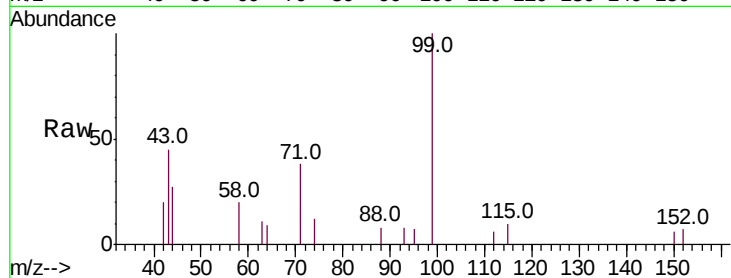
Tot Ion: 99 Resp: 1594

Ion Ratio Lower Upper

99 100

42 13.0 11.1 16.7

71 37.6 30.6 46.0



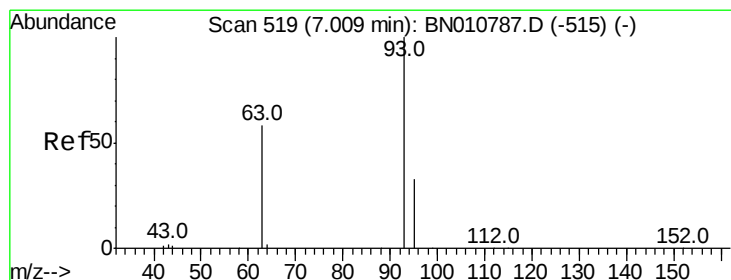
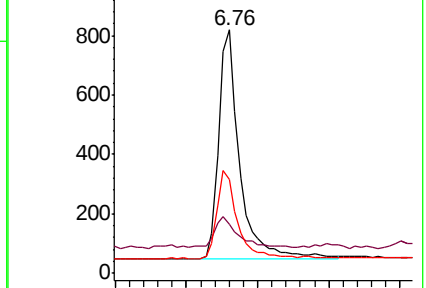
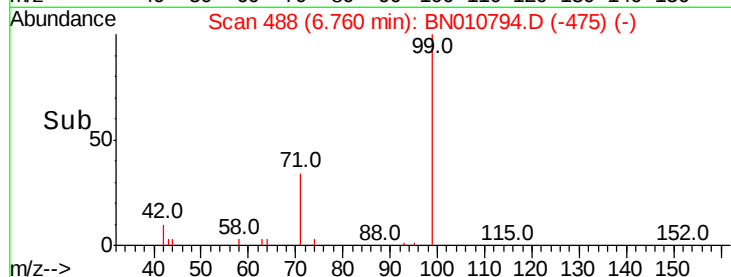
Abundance Ion 99.00 (98.70 to 99.70): BN010787.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN010787.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN010787.D (-482) (-)

6.76

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.436 ng

RT: 7.01 min Scan# 519

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

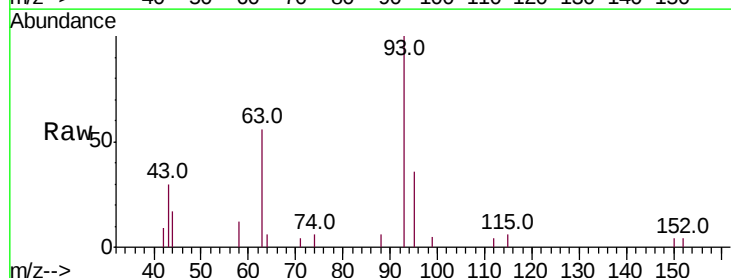
Tgt Ion: 93 Resp: 2332

Ion Ratio Lower Upper

93 100

63 56.9 46.2 69.4

95 32.1 27.6 41.4



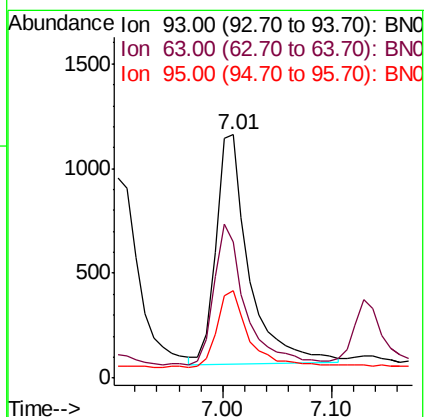
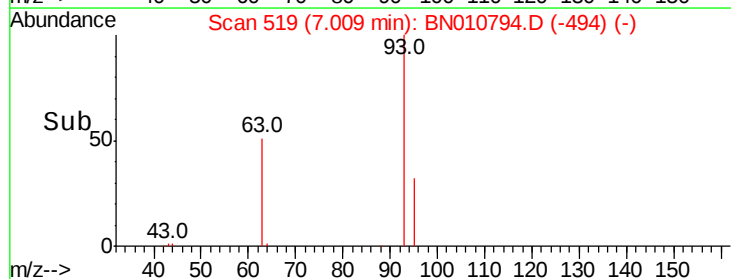
Abundance Ion 93.00 (92.70 to 93.70): BN010787.D (-515) (-)

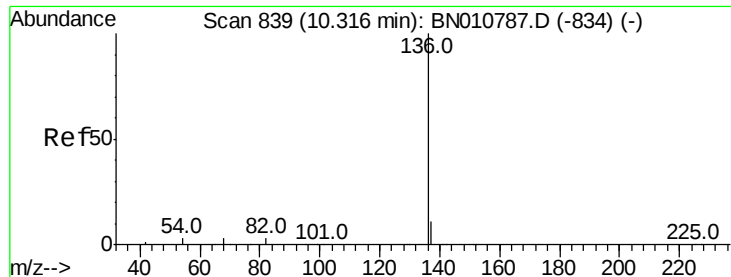
Ion 63.00 (62.70 to 63.70): BN010787.D (-515) (-)

Ion 95.00 (94.70 to 95.70): BN010787.D (-515) (-)

7.01

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

Tot Ion:136 Resp: 7820

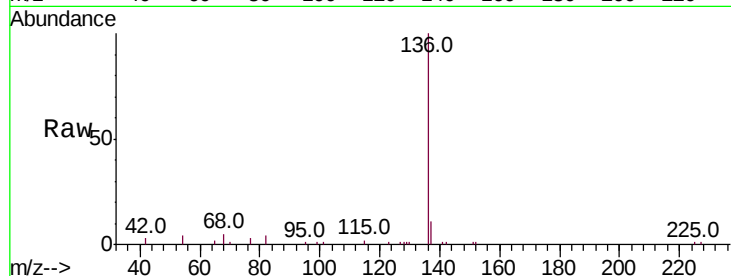
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 3.7 3.3 4.9

68 4.6 3.4 5.2

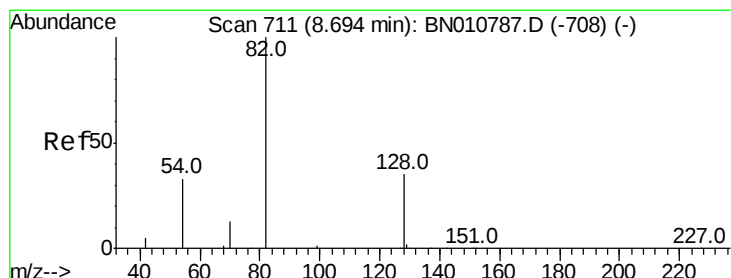
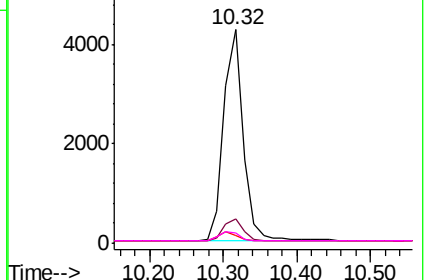
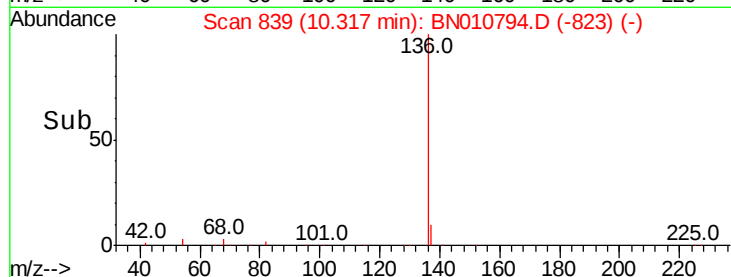


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.311 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

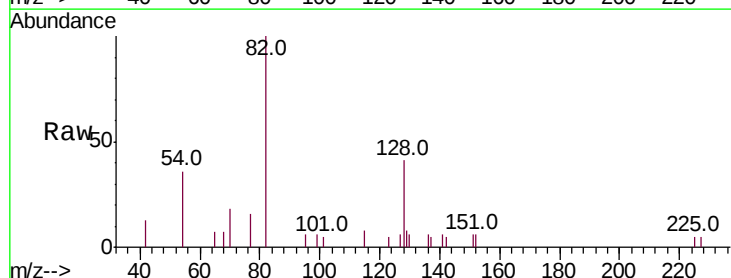
Tgt Ion: 82 Resp: 1781

Ion Ratio Lower Upper

82 100

128 41.1 31.4 47.0

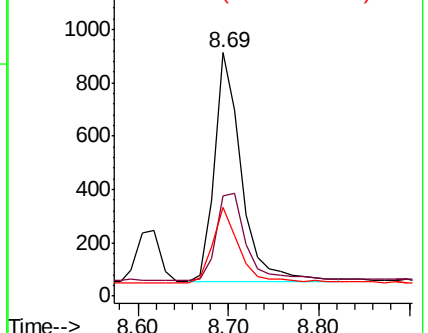
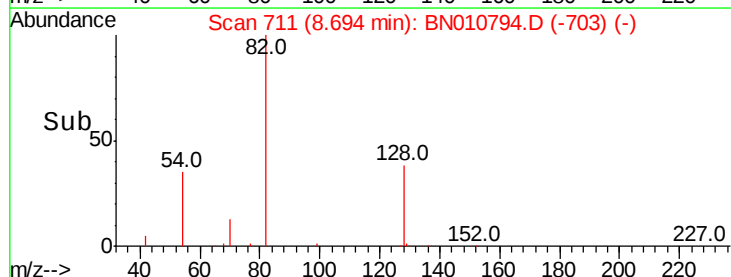
54 36.5 28.9 43.3

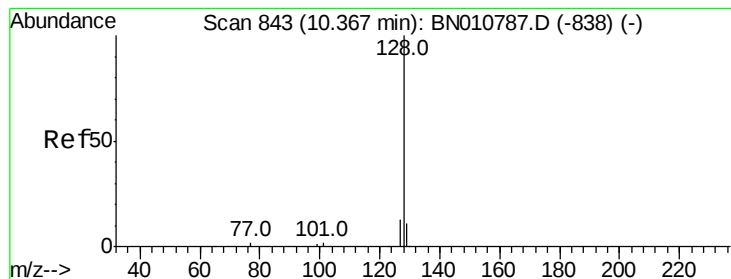


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.432 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.01 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

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PB129300BSD

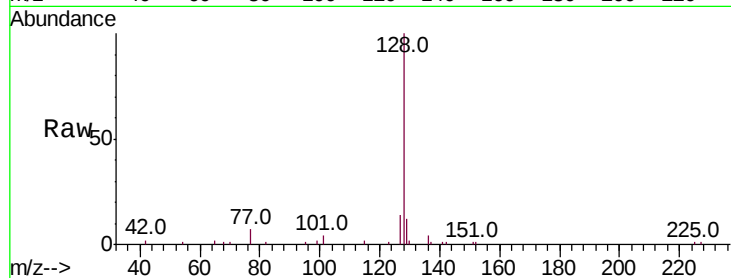
Tot Ion:128 Resp: 8405

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

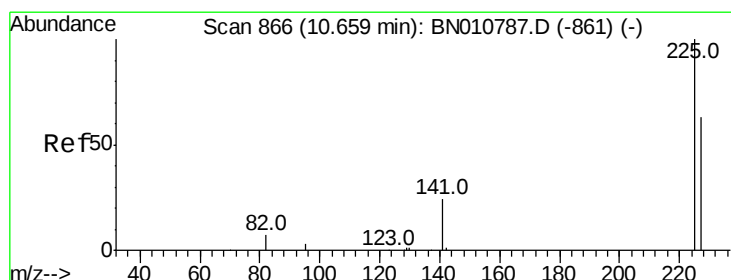
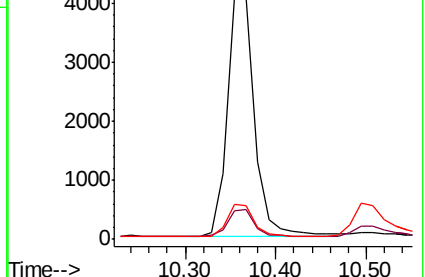
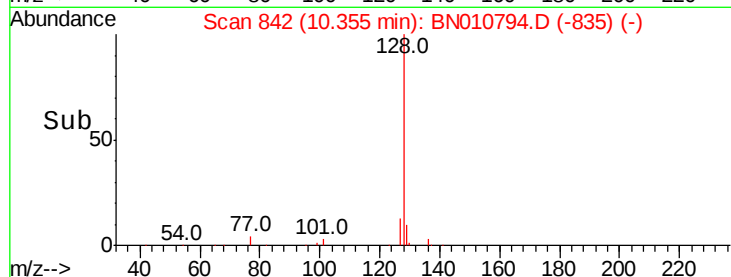
127 14.4 11.0 16.6



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: 0.415 ng

RT: 10.66 min Scan# 866

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

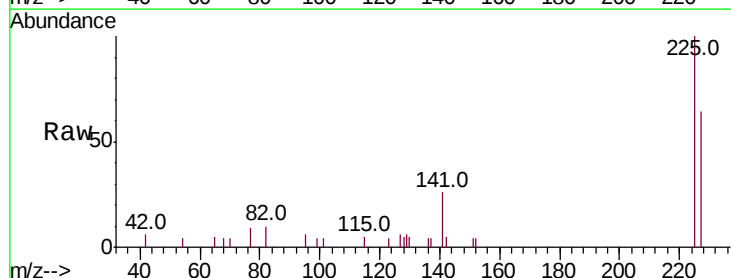
Tgt Ion:225 Resp: 1971

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

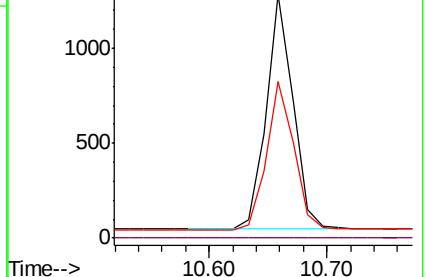
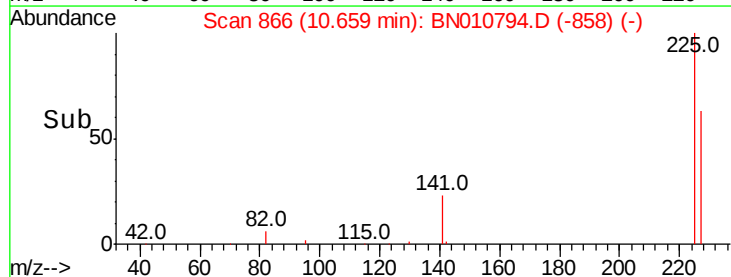
227 64.0 51.0 76.4

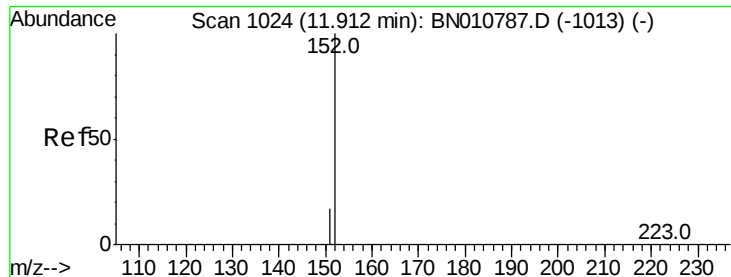


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

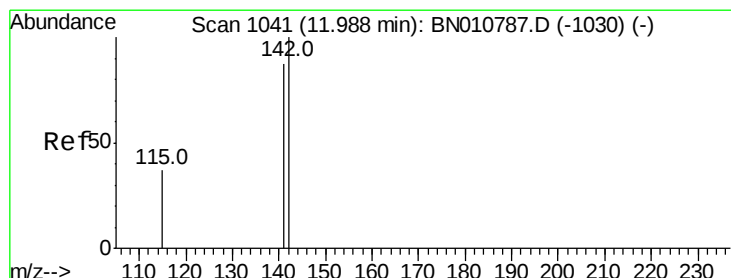
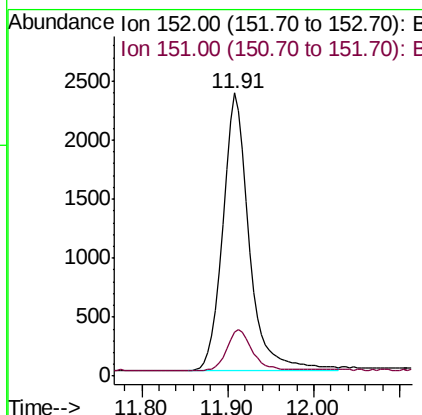
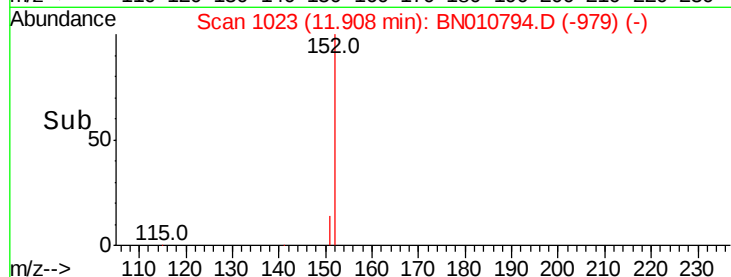
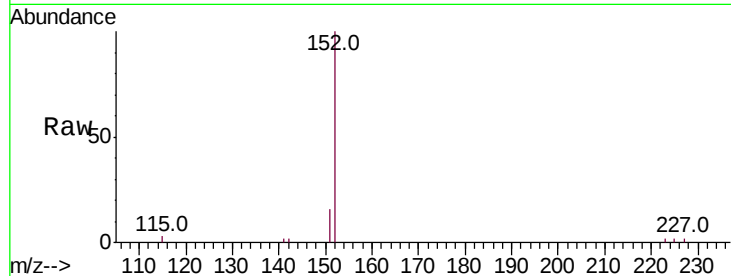




#11
2-Methylnaphthalene-d10
Concen: 0.417 ng
RT: 11.91 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BN010794.D
Acq: 05 Jun 2020 23:31

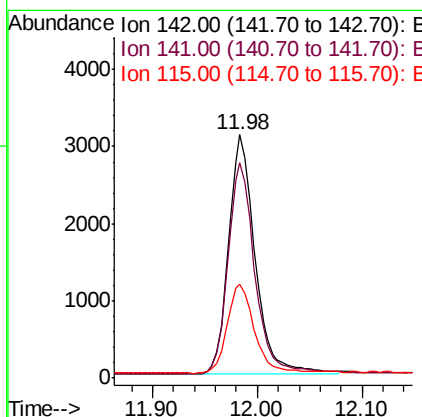
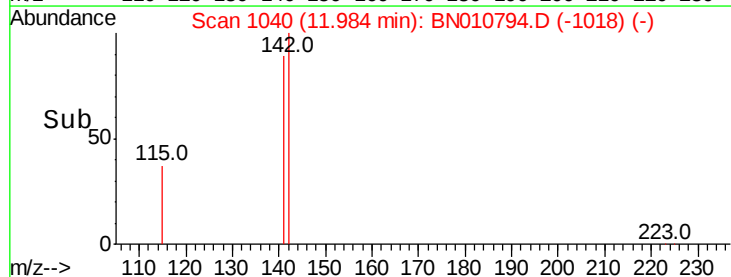
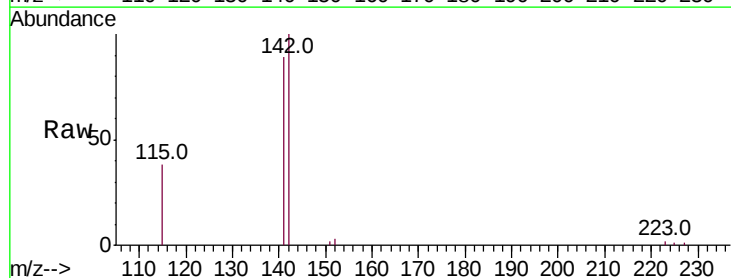
Instrument :
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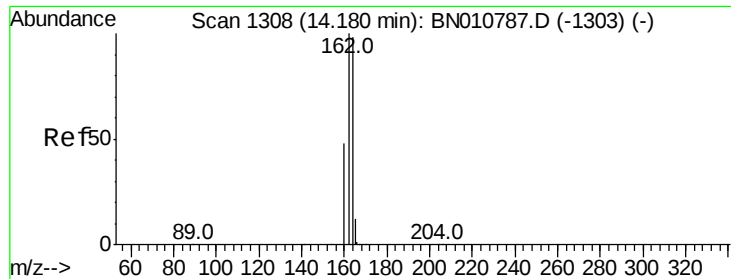
Tot Ion:152 Resp: 4939
Ion Ratio Lower Upper
152 100
151 14.2 15.3 22.9#



#12
2-Methylnaphthalene
Concen: 0.422 ng
RT: 11.98 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BN010794.D
Acq: 05 Jun 2020 23:31

Tgt Ion:142 Resp: 5448
Ion Ratio Lower Upper
142 100
141 88.7 69.8 104.6
115 38.3 31.0 46.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

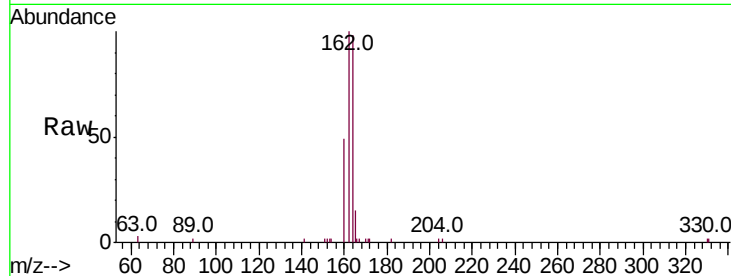
Tot Ion:164 Resp: 4089

Ion Ratio Lower Upper

164 100

162 102.1 81.8 122.8

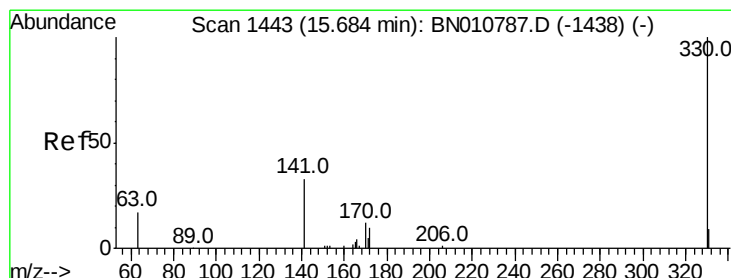
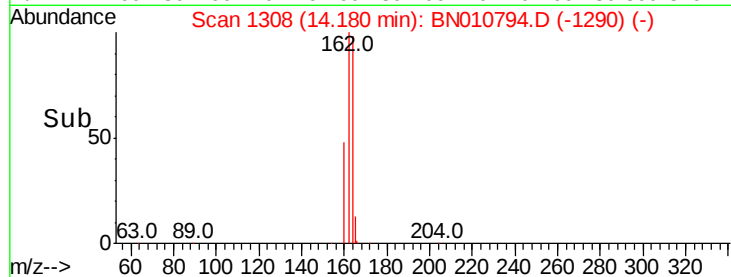
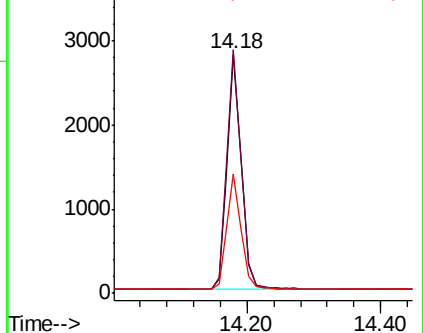
160 50.0 40.2 60.2



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: 0.265 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

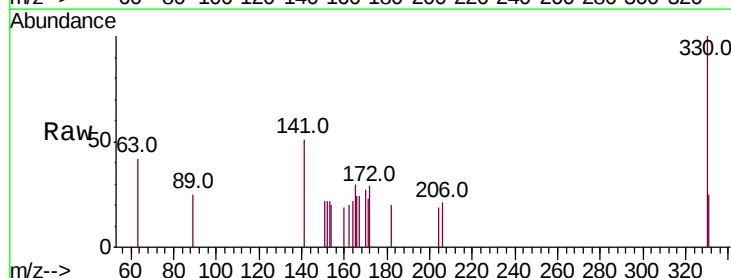
Tgt Ion:330 Resp: 378

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

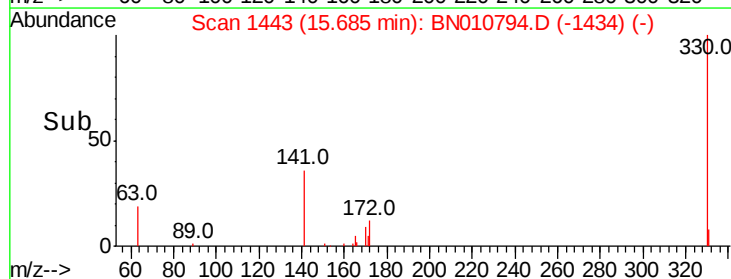
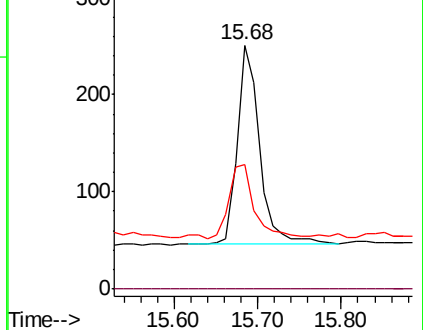
141 41.8 32.1 48.1

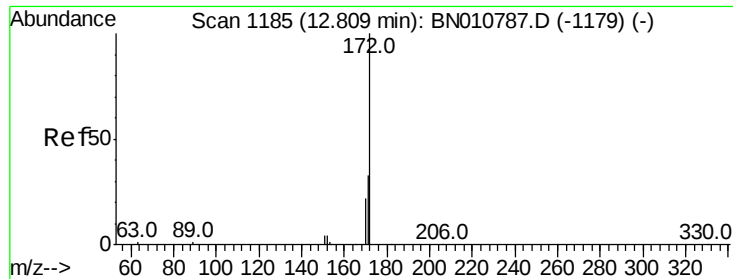


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

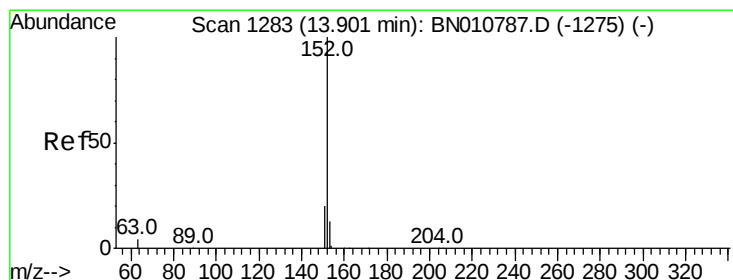
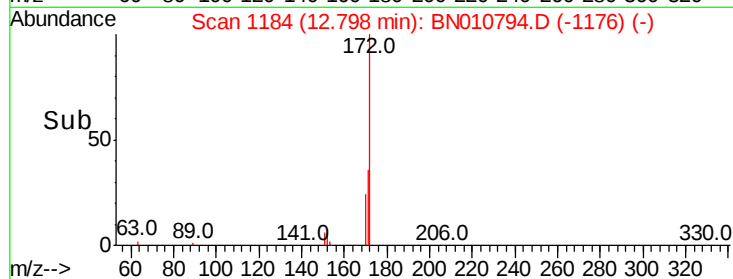
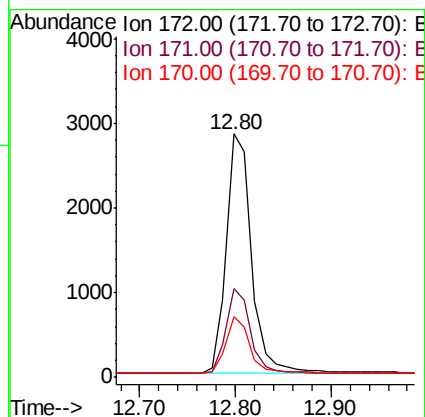
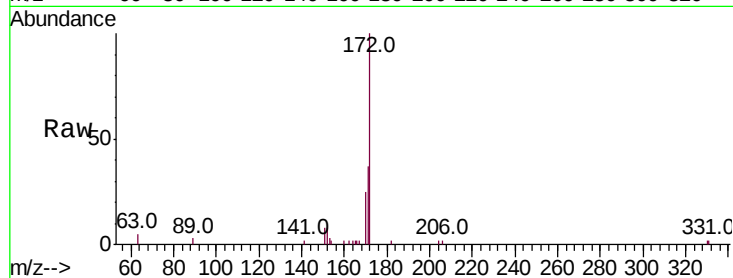




#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BN010794.D
Acq: 05 Jun 2020 23:31

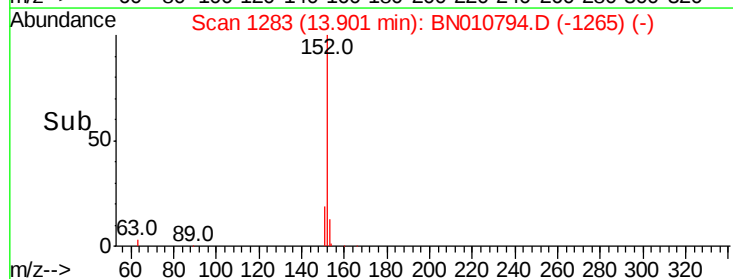
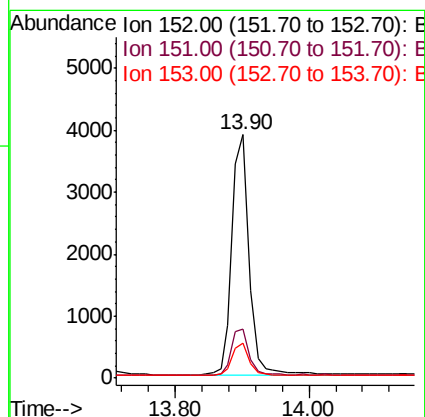
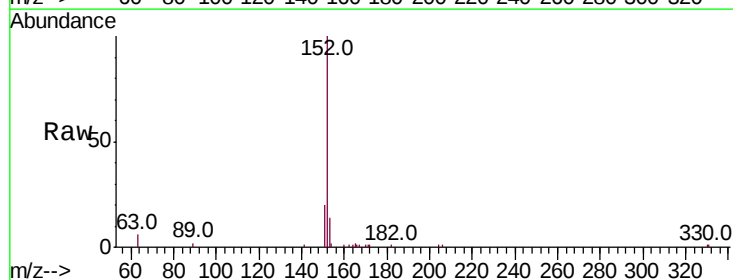
Instrument :
BNA_N
ClientSampleId :
PB129300BSD

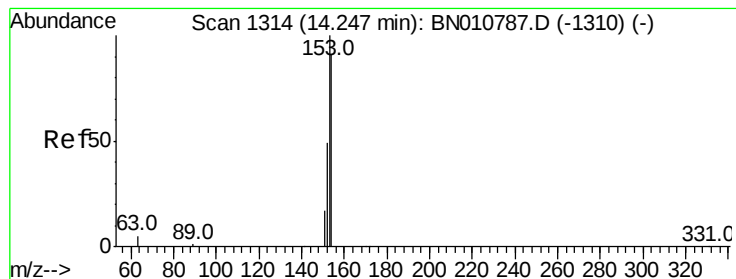
Tot Ion:172 Resp: 5246
Ion Ratio Lower Upper
172 100
171 36.7 27.2 40.8
170 25.1 18.1 27.1



#16
Acenaphthylene
Concen: 0.414 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN010794.D
Acq: 05 Jun 2020 23:31

Tgt Ion:152 Resp: 6866
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.2 10.8 16.2





#17

Acenaphthene

Concen: 0.423 ng

RT: 14.25 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

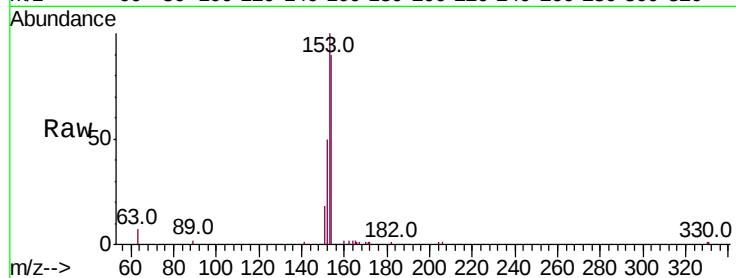
Tot Ion:154 Resp: 4755

Ion Ratio Lower Upper

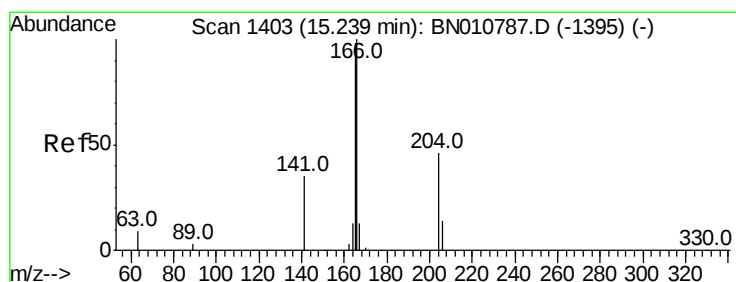
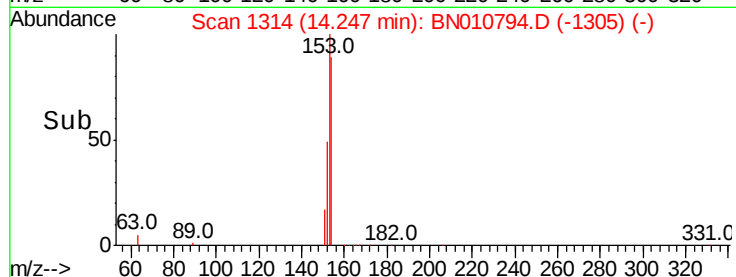
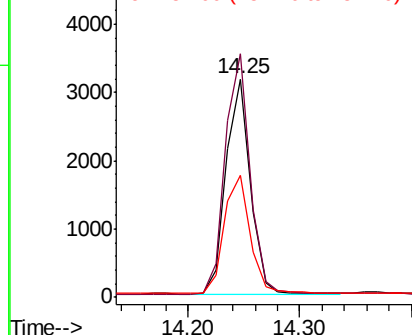
154 100

153 113.3 90.3 135.5

152 58.7 45.9 68.9



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: 0.413 ng

RT: 15.24 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

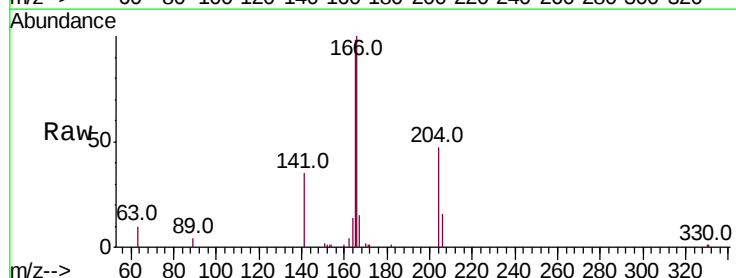
Tgt Ion:166 Resp: 6016

Ion Ratio Lower Upper

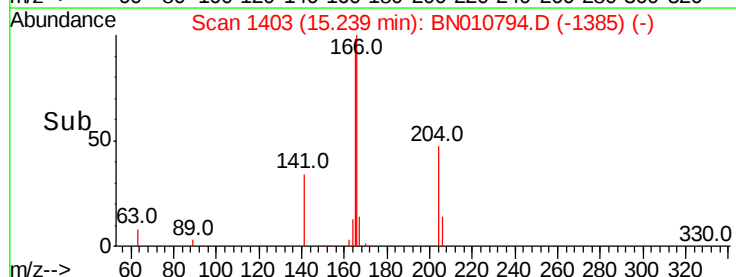
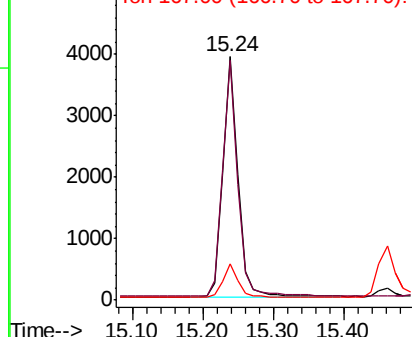
166 100

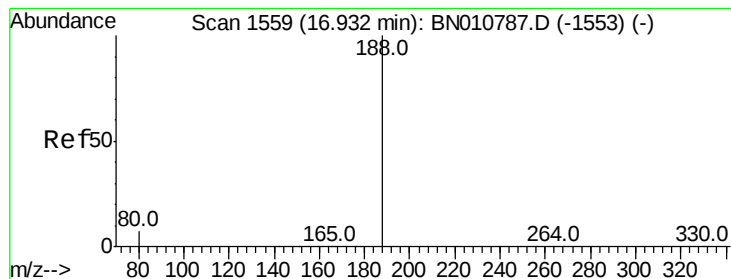
165 97.8 79.0 118.4

167 13.8 10.9 16.3



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: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

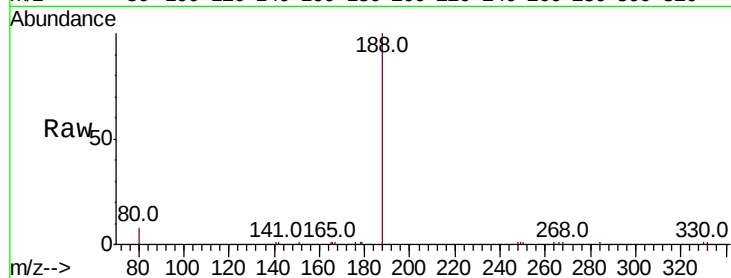
Tot Ion:188 Resp: 8270

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

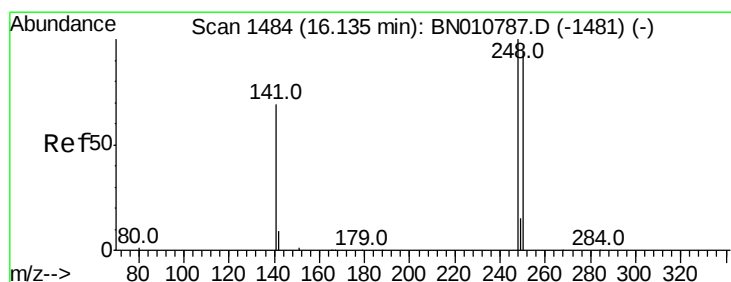
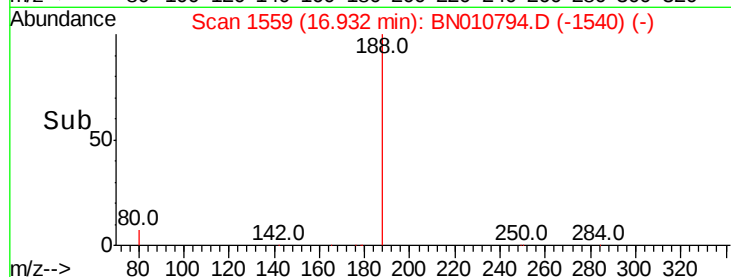
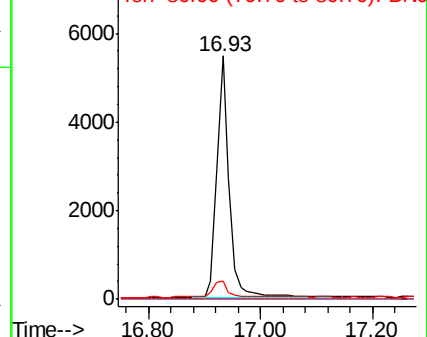
80 7.6 5.9 8.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.394 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

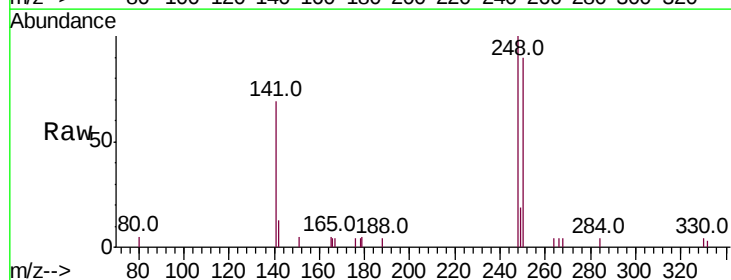
Tgt Ion:248 Resp: 1899

Ion Ratio Lower Upper

248 100

250 90.5 75.2 112.8

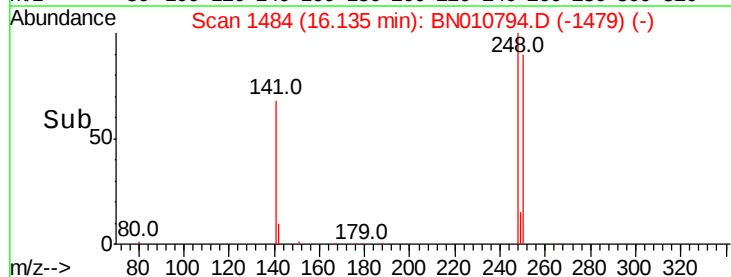
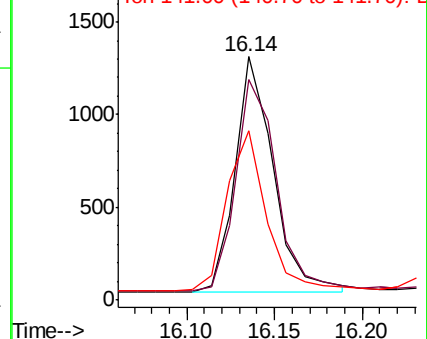
141 69.5 56.4 84.6

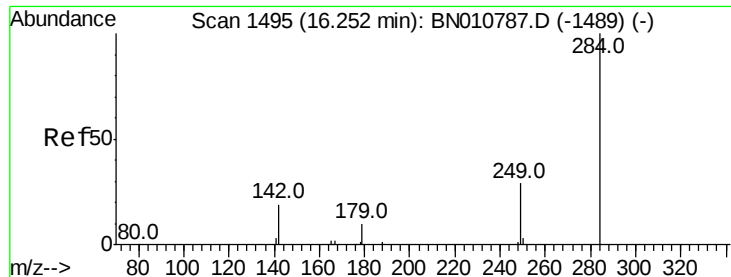


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.427 ng

RT: 16.25 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

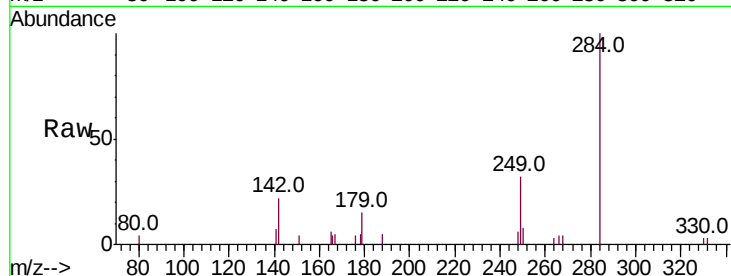
Tot Ion:284 Resp: 2176

Ion Ratio Lower Upper

284 100

142 37.8 31.1 46.7

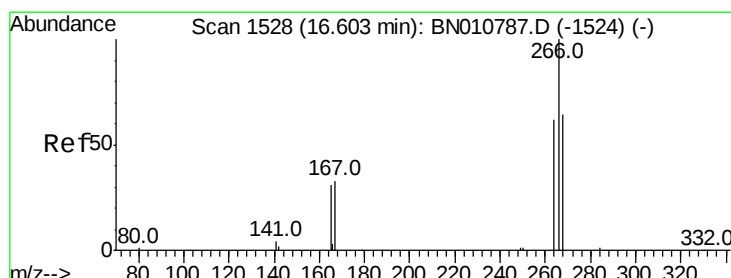
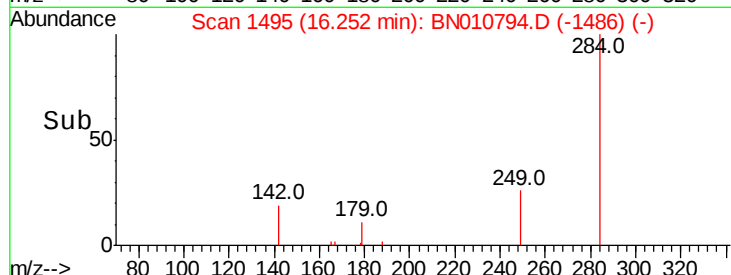
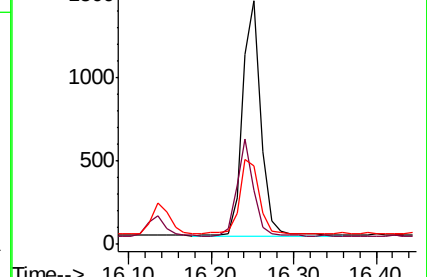
249 33.7 26.6 39.8



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: 0.778 ng

RT: 16.59 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

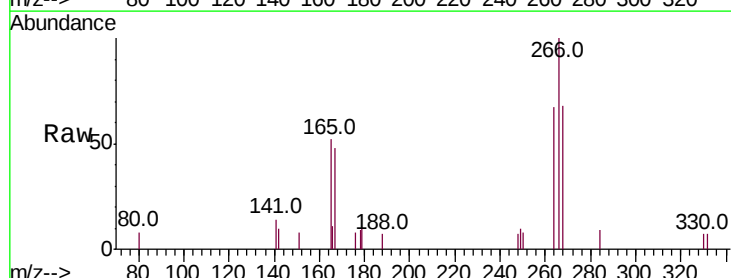
Tgt Ion:266 Resp: 1349

Ion Ratio Lower Upper

266 100

264 67.3 52.5 78.7

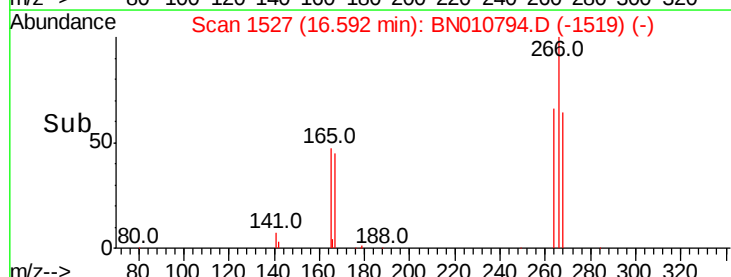
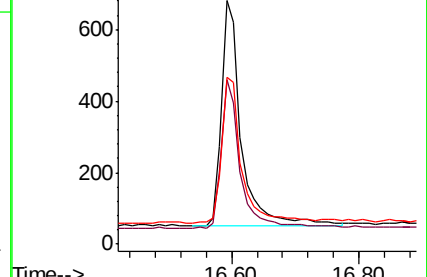
268 68.4 56.1 84.1

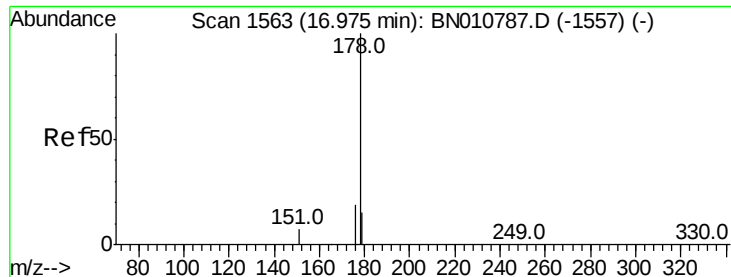


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.408 ng

RT: 16.97 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

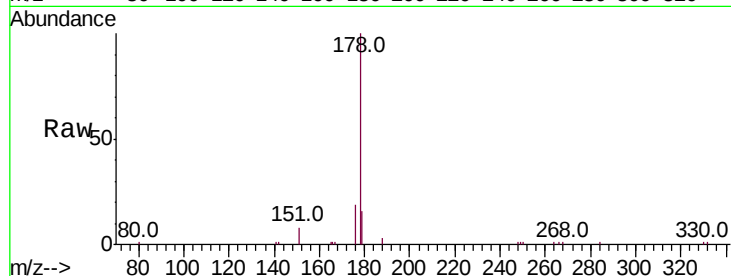
Tot Ion:178 Resp: 9120

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

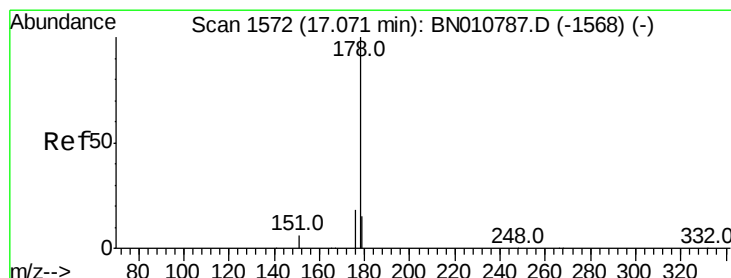
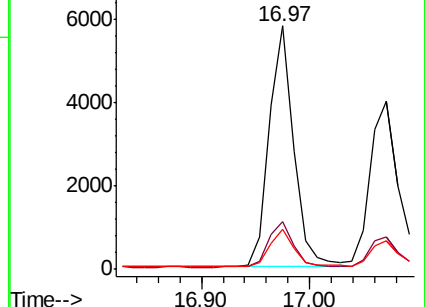
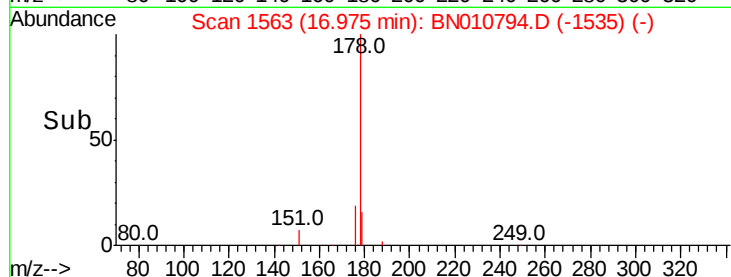
179 15.4 12.2 18.2



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: 0.400 ng

RT: 17.07 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

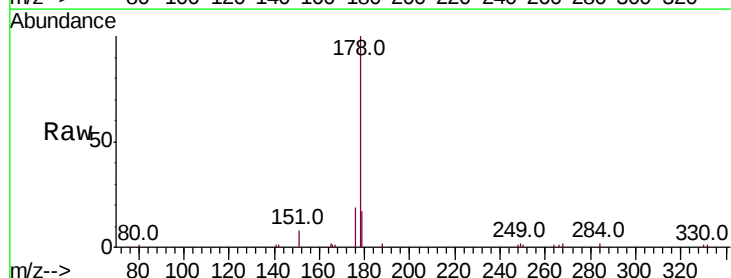
Tgt Ion:178 Resp: 7583

Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

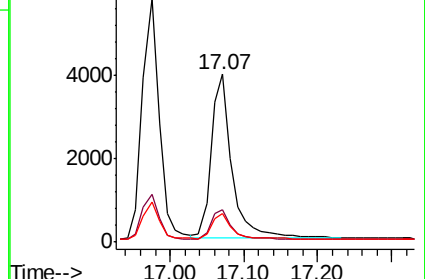
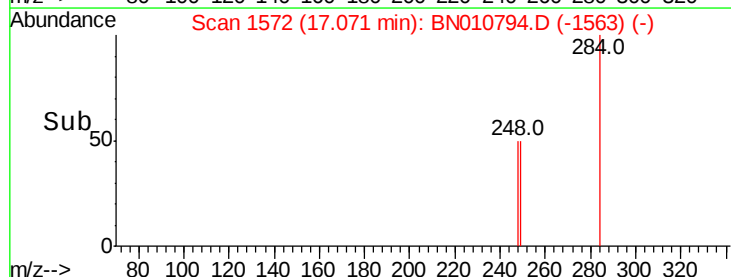
179 15.2 12.0 18.0

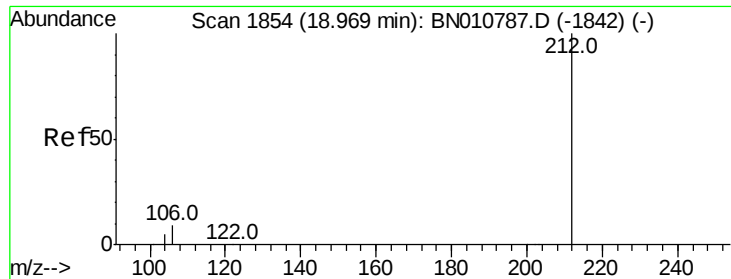


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.283 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

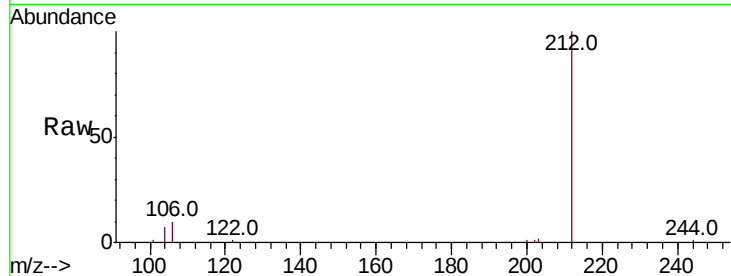
Tot Ion:212 Resp: 6506

Ion Ratio Lower Upper

212 100

106 8.7 7.1 10.7

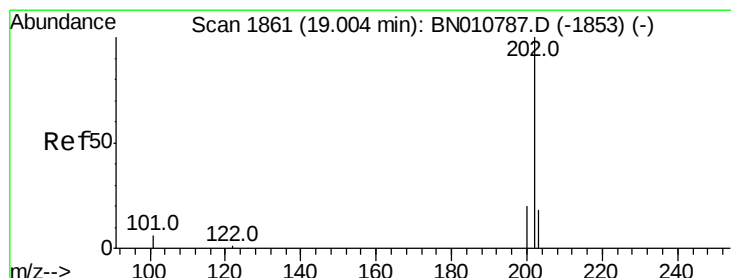
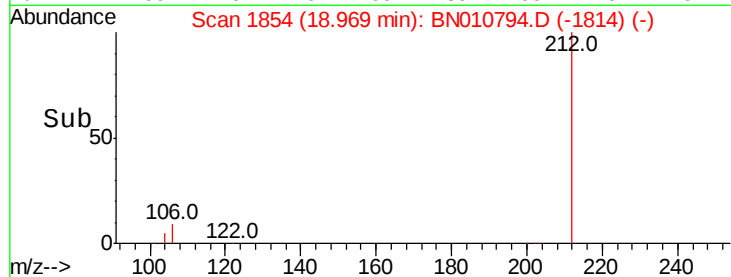
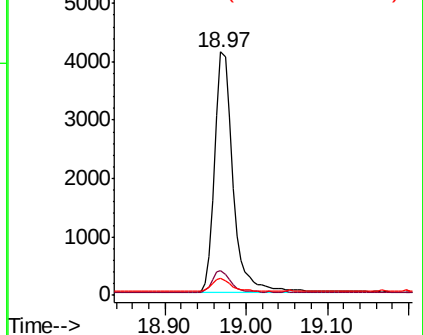
104 5.0 4.1 6.1



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: 0.384 ng

RT: 19.00 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

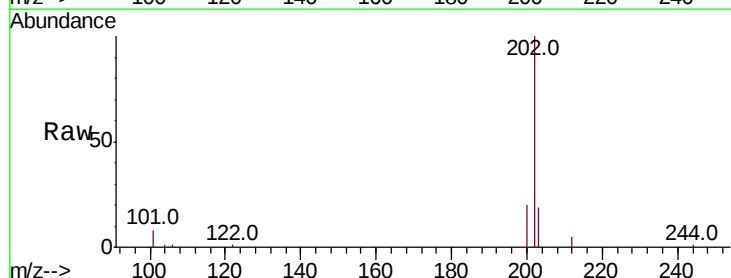
Tgt Ion:202 Resp: 9932

Ion Ratio Lower Upper

202 100

101 7.9 6.2 9.4

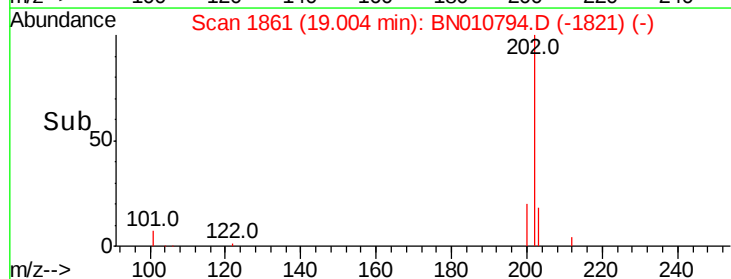
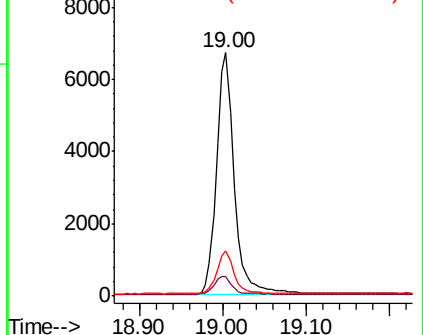
203 17.3 13.6 20.4

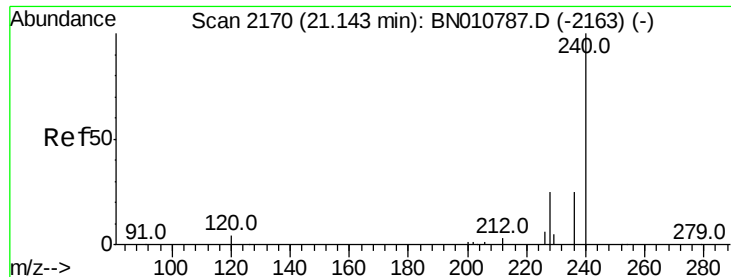


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.13 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

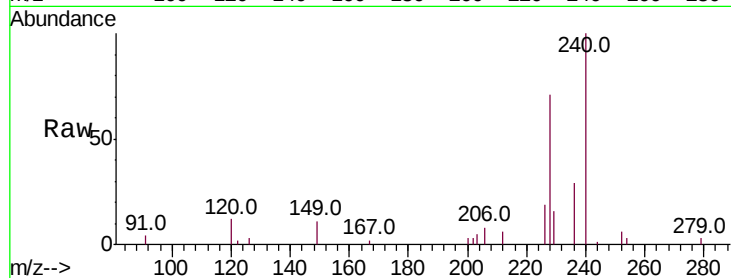
Tot Ion:240 Resp: 7089

Ion Ratio Lower Upper

240 100

120 12.0 5.2 7.8#

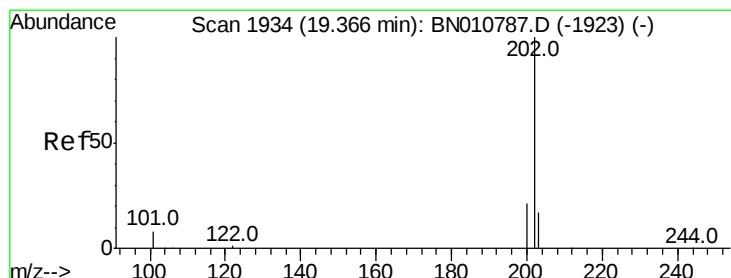
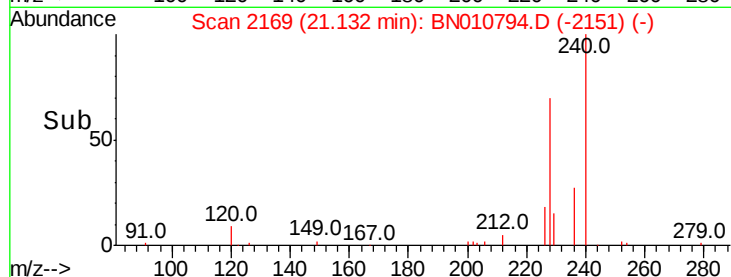
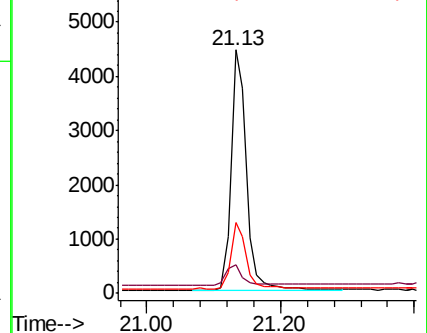
236 28.9 21.3 31.9



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: 0.439 ng

RT: 19.37 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

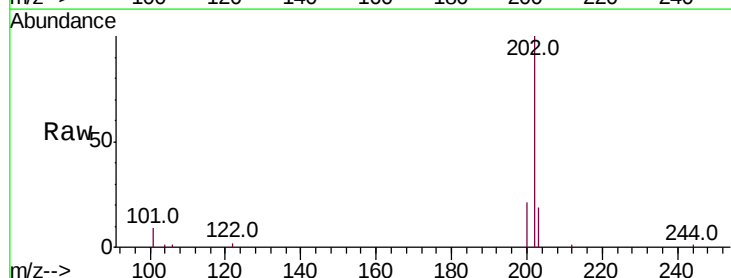
Tgt Ion:202 Resp: 9864

Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

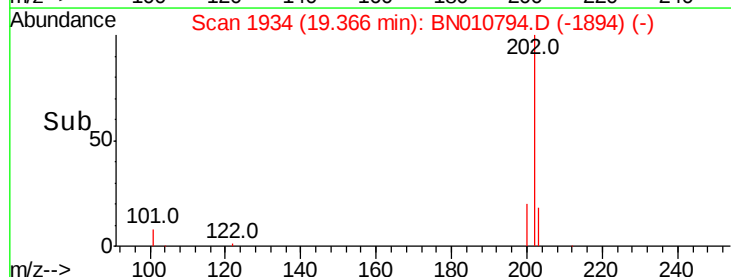
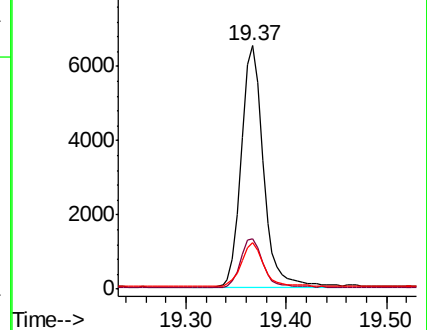
203 18.3 14.0 21.0

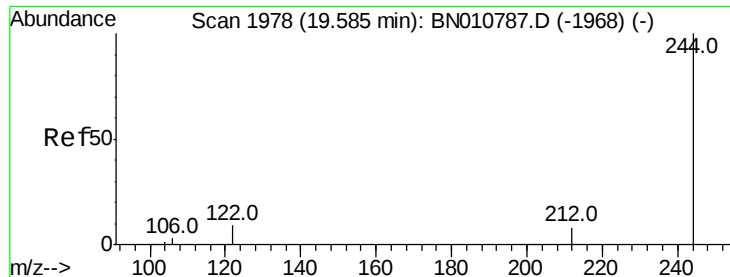


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.325 ng

RT: 19.58 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

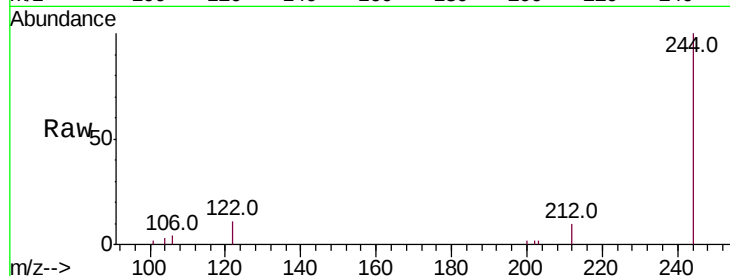
Tot Ion:244 Resp: 5132

Ion Ratio Lower Upper

244 100

212 9.6 7.2 10.8

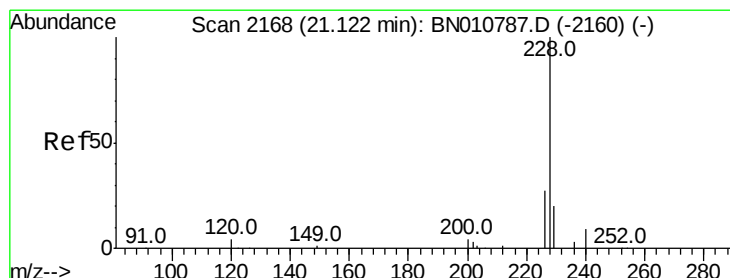
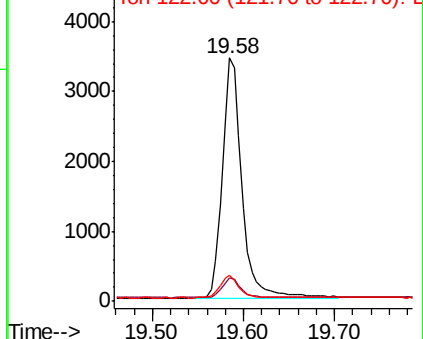
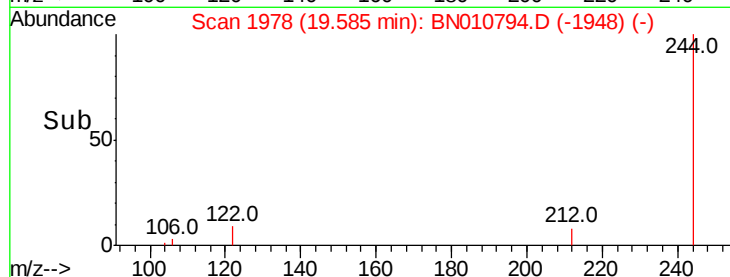
122 10.5 7.8 11.6



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



#30

Benzo(a)anthracene

Concen: 0.420 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

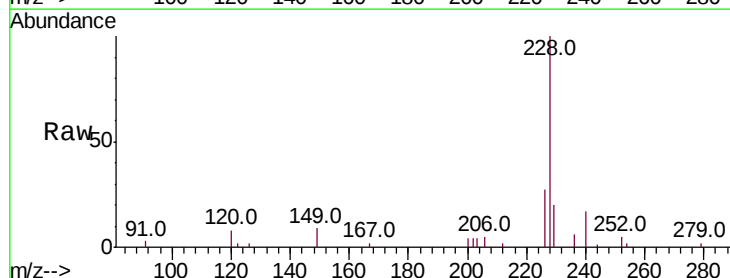
Tgt Ion:228 Resp: 8750

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

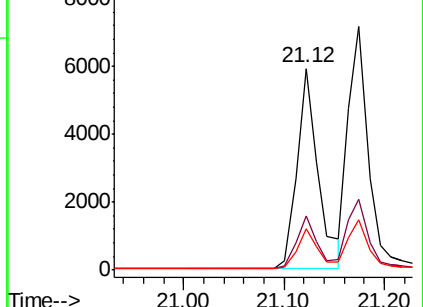
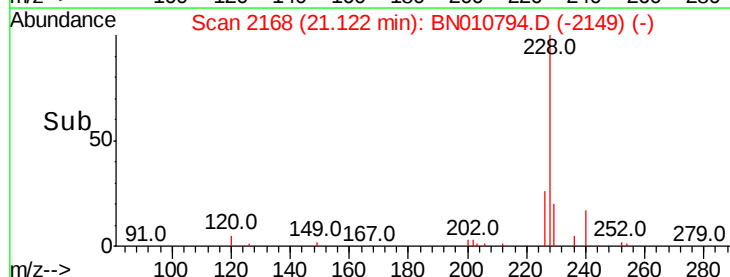
229 20.2 16.2 24.2

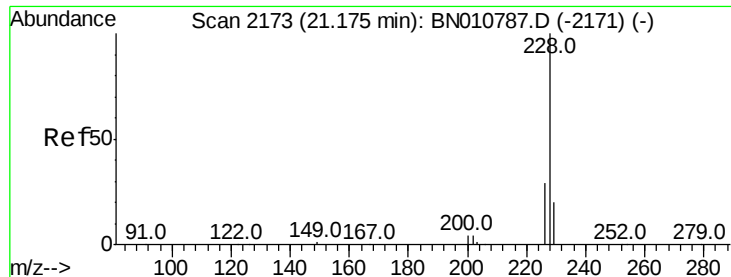


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.422 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

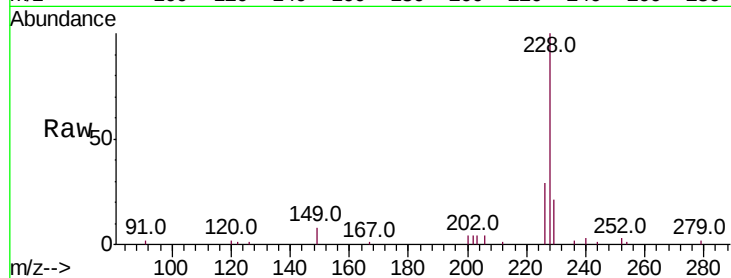
BNA_N

ClientSampleId :

PB129300BSD

Tot Ion:228 Resp: 9981

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.9	35.9
229	20.5	16.3	24.5

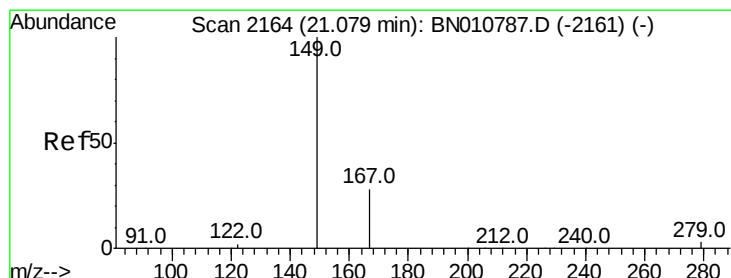
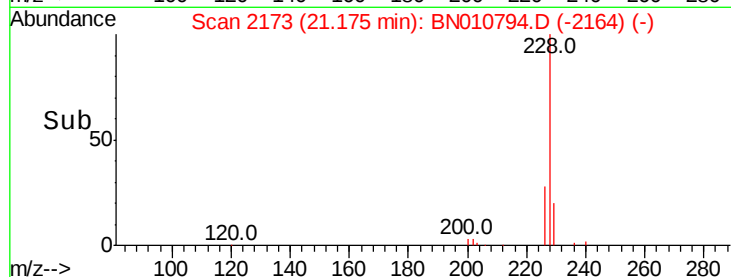
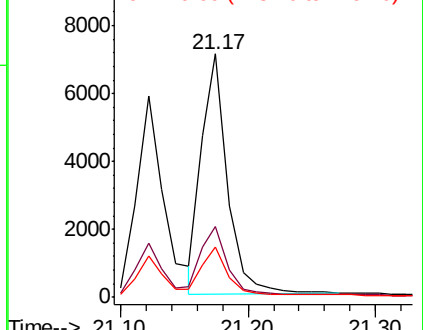


Abundance

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: 0.399 ng

RT: 21.08 min Scan# 2164

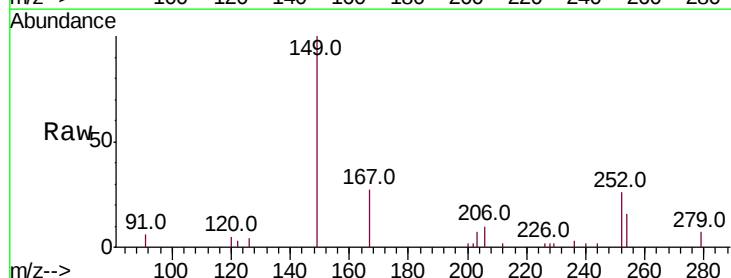
Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Tgt Ion:149 Resp: 2744

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	5.7	4.2	6.2

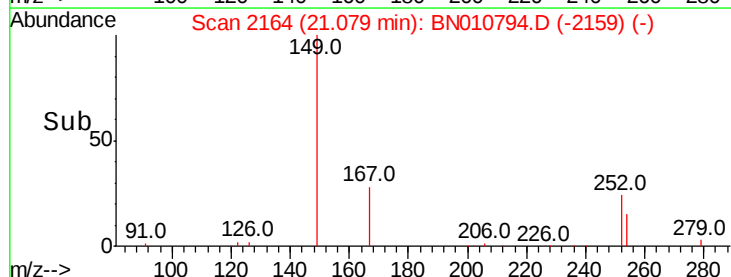
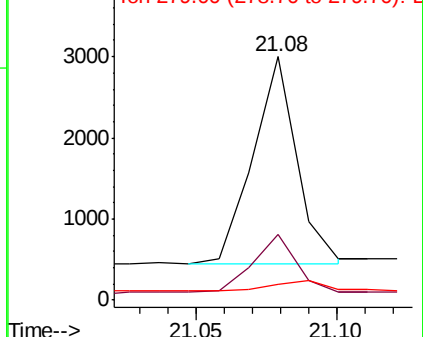


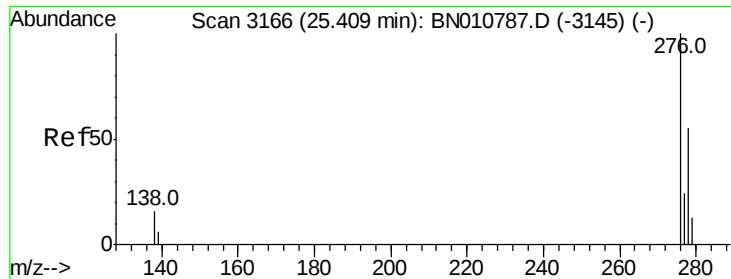
Abundance

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: 0.445 ng

RT: 25.41 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

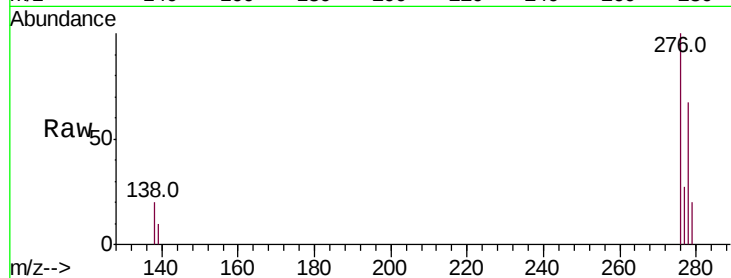
Tot Ion:276 Resp: 12626

Ion Ratio Lower Upper

276 100

138 17.7 15.1 22.7

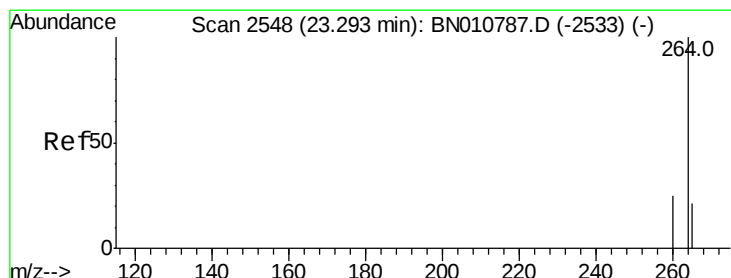
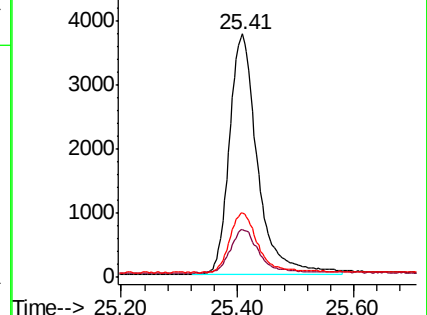
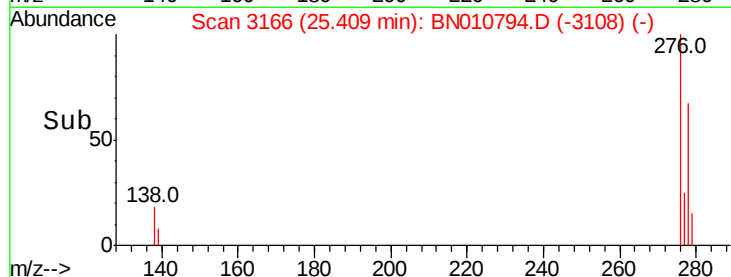
277 24.5 19.9 29.9



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.29 min Scan# 2547

Delta R.T. -0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

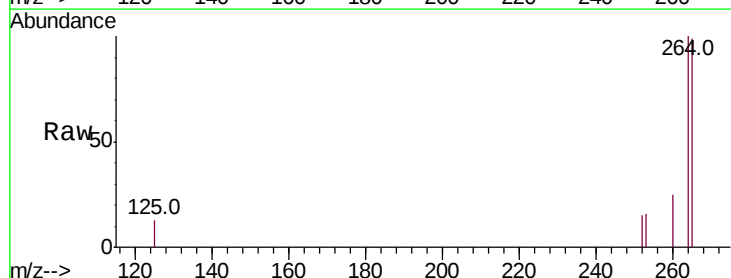
Tgt Ion:264 Resp: 7226

Ion Ratio Lower Upper

264 100

260 25.1 20.3 30.5

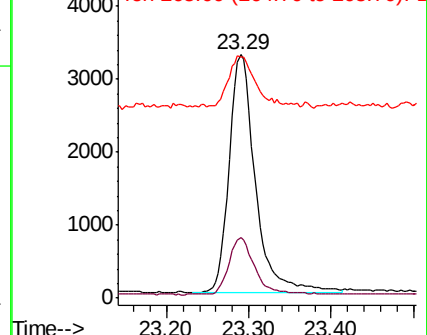
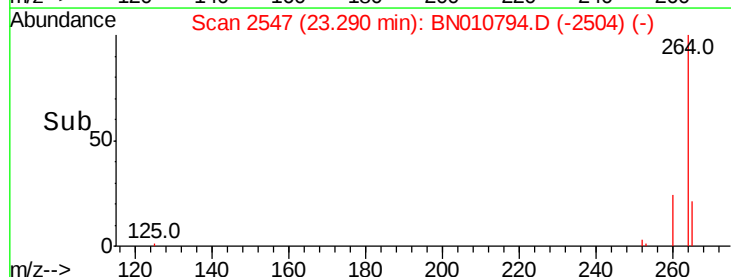
265 99.2 61.7 92.5#

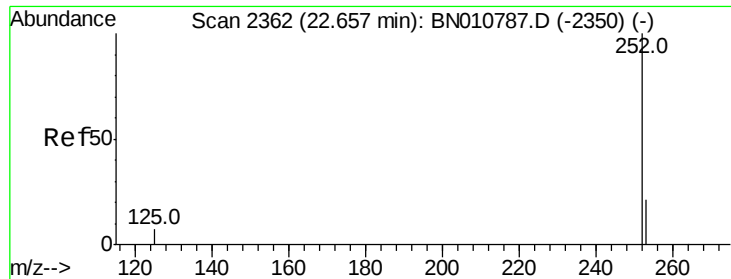


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.418 ng

RT: 22.65 min Scan# 2361

Delta R.T. -0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

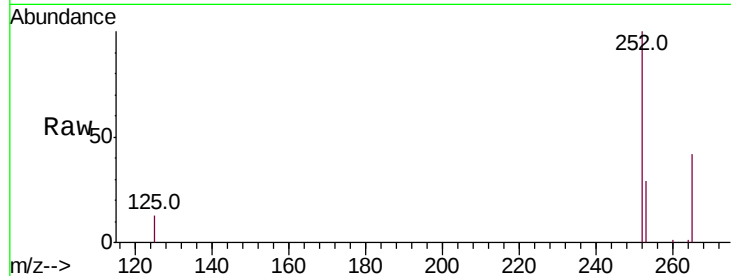
Tot Ion:252 Resp: 9843

Ion Ratio Lower Upper

252 100

253 28.9 21.5 32.3

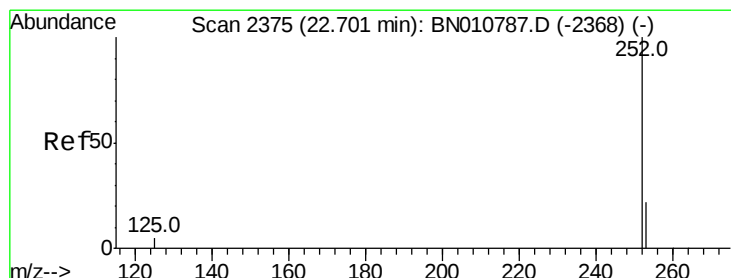
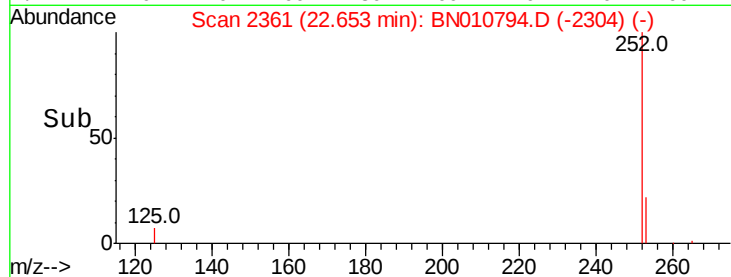
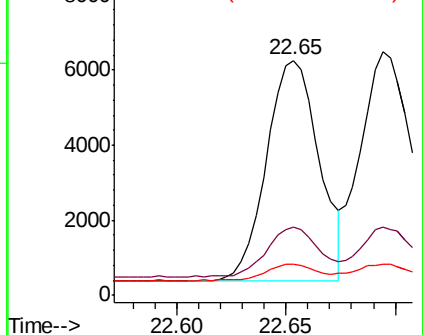
125 13.2 9.2 13.8



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



#36

Benzo(k)fluoranthene

Concen: 0.417 ng

RT: 22.69 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

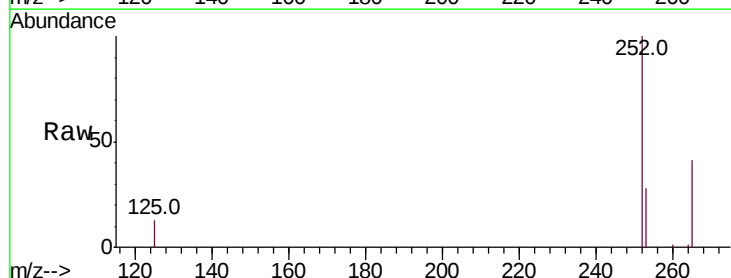
Tgt Ion:252 Resp: 10794

Ion Ratio Lower Upper

252 100

253 28.0 21.8 32.8

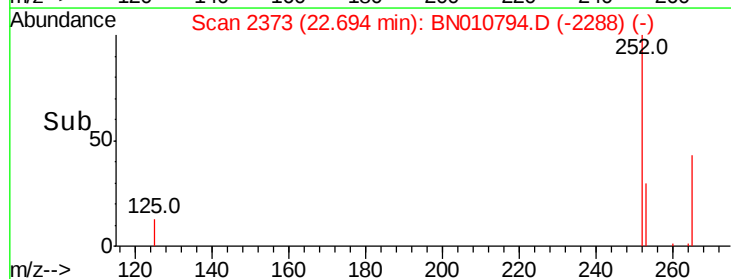
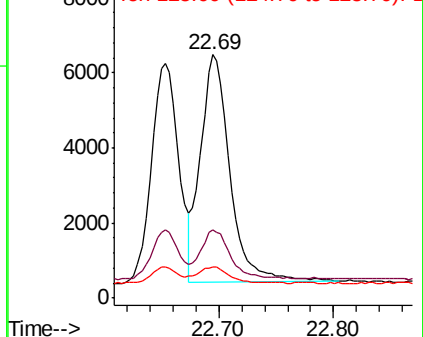
125 12.6 10.5 15.7

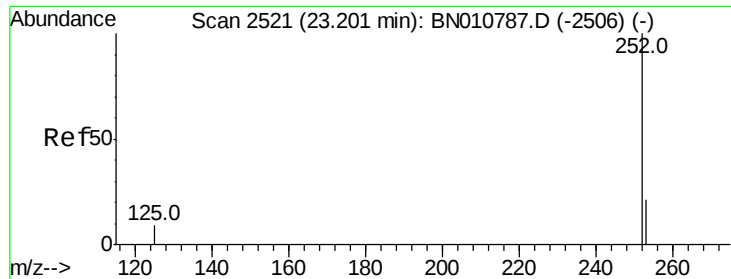


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.420 ng

RT: 23.20 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

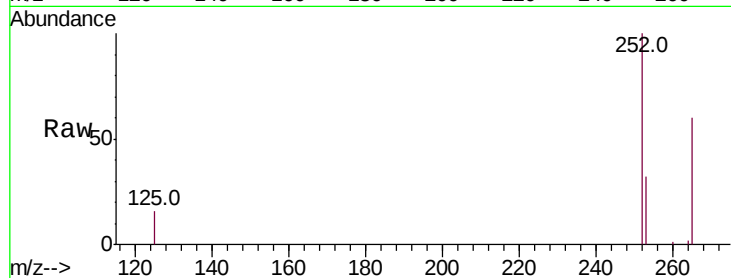
Tot Ion:252 Resp: 8829

Ion Ratio Lower Upper

252 100

253 31.6 32.0 48.0#

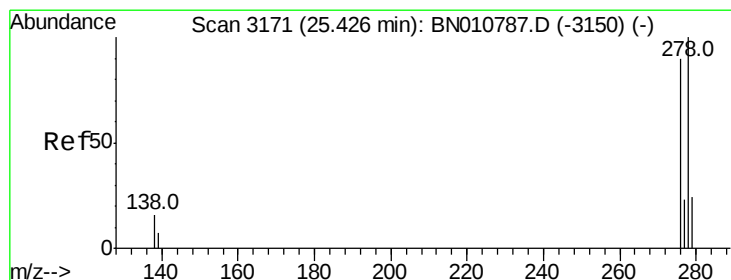
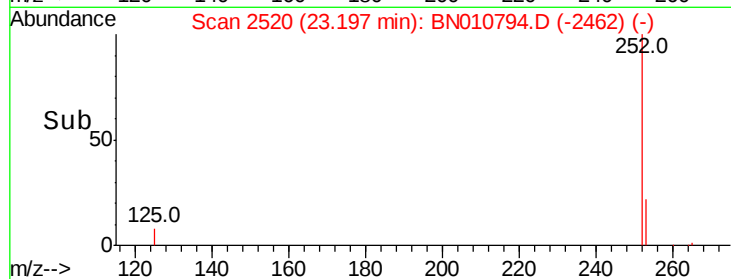
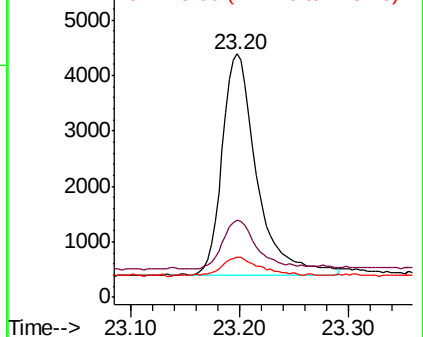
125 16.4 16.0 24.0



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



#38

Dibenzo(a,h)anthracene

Concen: 0.447 ng

RT: 25.42 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

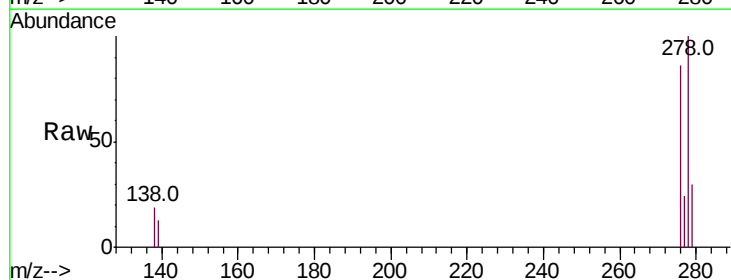
Tgt Ion:278 Resp: 10577

Ion Ratio Lower Upper

278 100

139 13.1 10.7 16.1

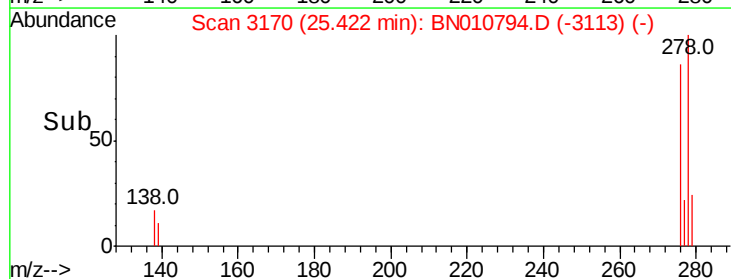
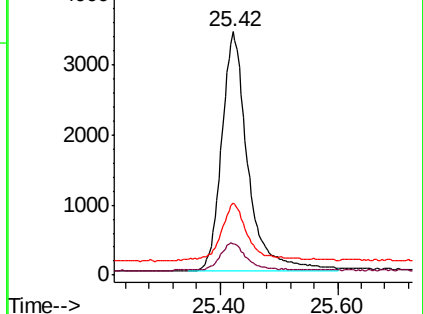
279 29.5 22.9 34.3

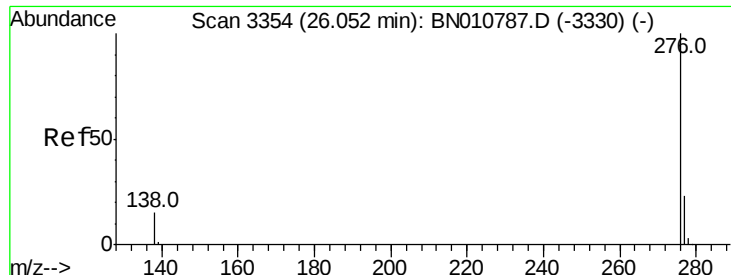


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.470 ng

RT: 26.05 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BN010794.D

Acq: 05 Jun 2020 23:31

Instrument :

BNA_N

ClientSampleId :

PB129300BSD

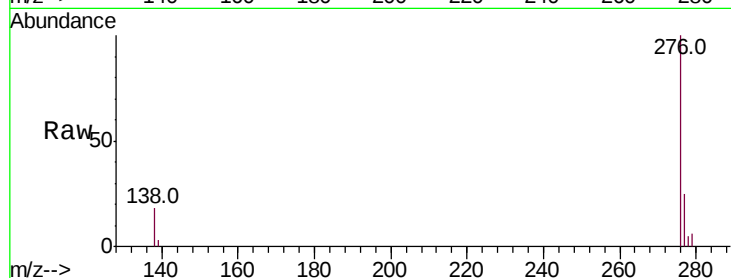
Tot Ion:276 Resp: 11503

Ion Ratio Lower Upper

276 100

277 25.4 19.9 29.9

138 17.8 13.6 20.4



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

