

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051220\
 Data File : BN010696.D
 Acq On : 12 May 2020 12:33
 Operator : CG/JU
 Sample : PB128768BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128768BSD

Quant Time: May 12 13:19:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 10:58:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4434	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	17254	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	10795	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	23261	0.40	ng	0.00
27) Chrysene-d12	21.16	240	19273	0.40	ng	0.00
34) Perylene-d12	23.33	264	17688	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2680	0.28	ng	0.00
5) Phenol-d6	6.78	99	3162	0.25	ng	0.00
8) Nitrobenzene-d5	8.71	82	3433	0.28	ng	-0.01
11) 2-Methylnaphthalene-d10	11.93	152	10749	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	907	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	11078	0.28	ng	0.00
25) Fluoranthene-d10	18.99	212	15490	0.22	ng	0.00
29) Terphenyl-d14	19.60	244	11751	0.27	ng	0.00

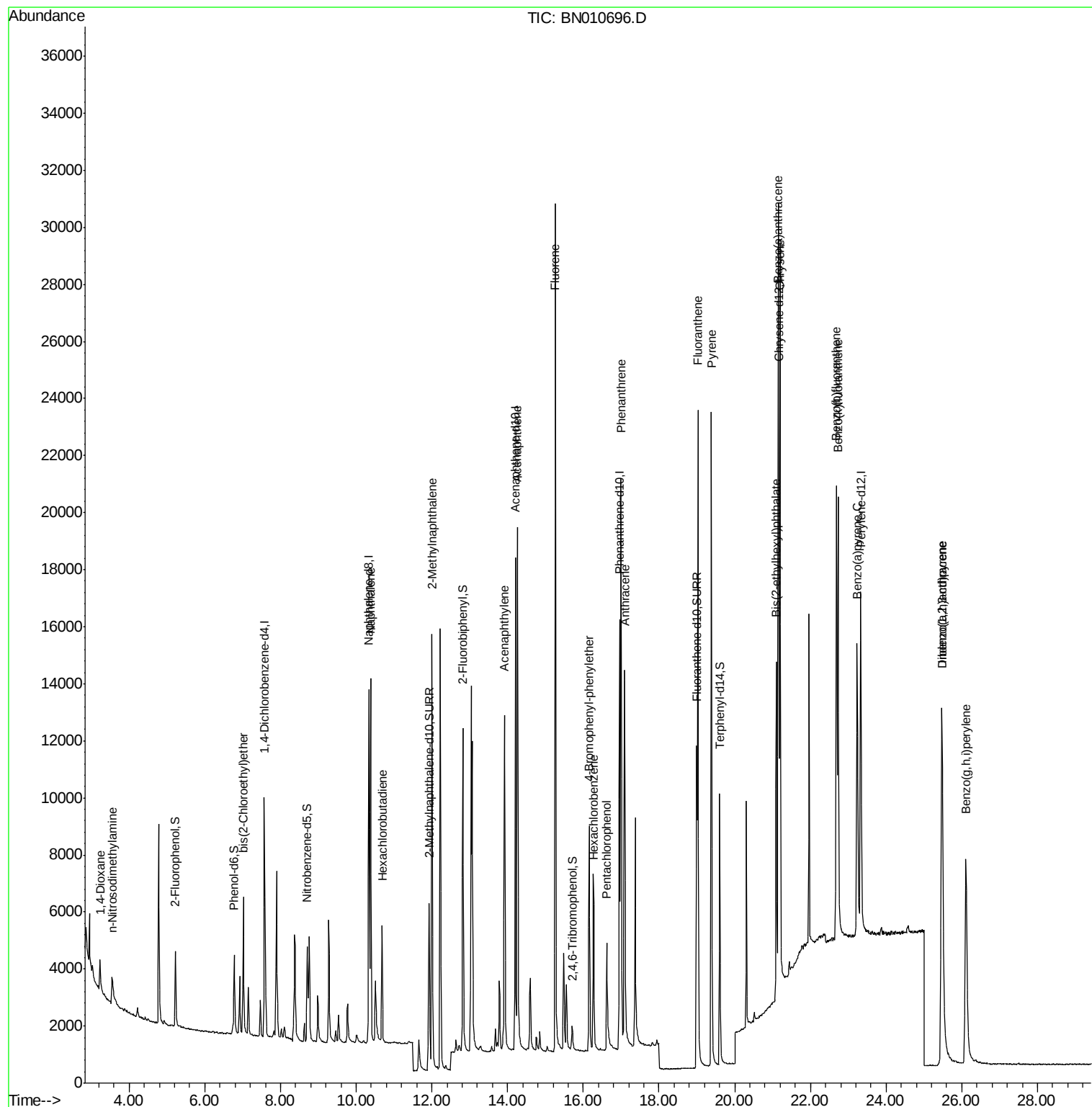
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1064	0.326	ng	# 88
3) n-Nitrosodimethylamine	3.55	42	1001	0.473	ng	# 88
6) bis(2-Chloroethyl)ether	7.02	93	4377	0.398	ng	98
9) Naphthalene	10.38	128	16779	0.392	ng	99
10) Hexachlorobutadiene	10.68	225	3684	0.357	ng	# 98
12) 2-Methylnaphthalene	12.00	142	11890	0.386	ng	99
16) Acenaphthylene	13.91	152	16091	0.345	ng	99
17) Acenaphthene	14.26	154	11003	0.367	ng	99
18) Fluorene	15.26	166	14255	0.363	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	4392	0.340	ng	# 85
21) Hexachlorobenzene	16.27	284	5454	0.370	ng	96
22) Pentachlorophenol	16.62	266	3110	0.536	ng	99
23) Phenanthrene	17.00	178	22351	0.356	ng	99
24) Anthracene	17.09	178	18632	0.324	ng	100
26) Fluoranthene	19.02	202	24752	0.317	ng	100
28) Pyrene	19.39	202	24566	0.379	ng	99
30) Benzo(a)anthracene	21.14	228	20155	0.321	ng	100
31) Chrysene	21.20	228	22250	0.355	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	8326	0.258	ng	99
33) Indeno(1,2,3-cd)pyrene	25.47	276	20149	0.364	ng	99
35) Benzo(b)fluoranthene	22.68	252	20956	0.360	ng	99
36) Benzo(k)fluoranthene	22.73	252	22331	0.383	ng	99
37) Benzo(a)pyrene	23.24	252	18508	0.359	ng	98
38) Dibenzo(a,h)anthracene	25.49	278	15863	0.337	ng	98
39) Benzo(g,h,i)perylene	26.11	276	18706	0.394	ng	99

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

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.58 min Scan# 590

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

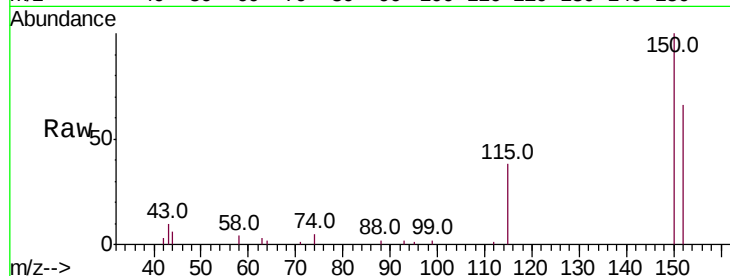
Tot Ion:152 Resp: 4434

Ion Ratio Lower Upper

152 100

150 152.6 121.8 182.6

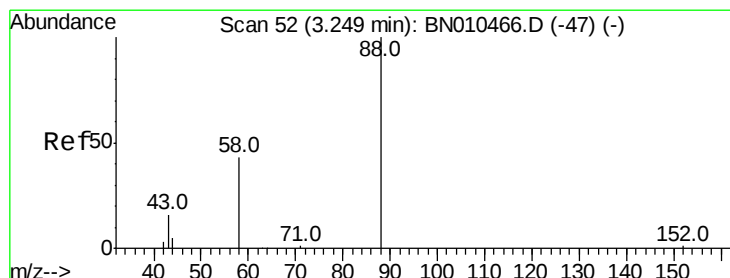
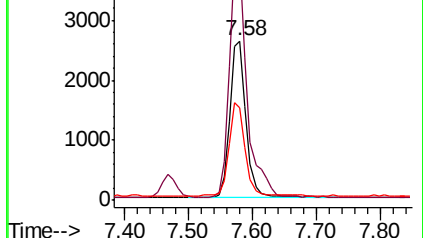
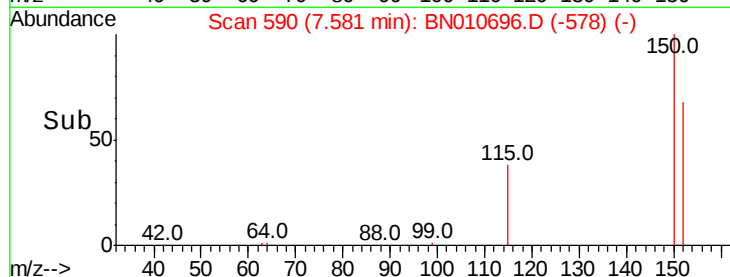
115 58.0 45.5 68.3



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: 0.326 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.01 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

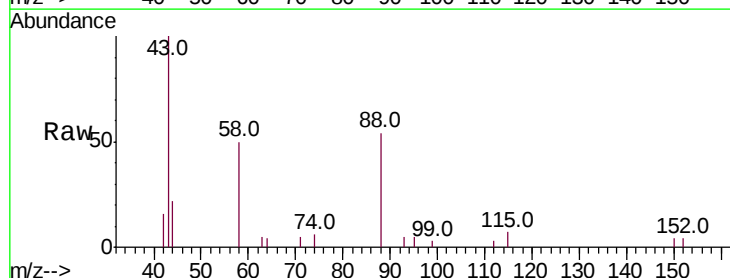
Tgt Ion: 88 Resp: 1064

Ion Ratio Lower Upper

88 100

58 42.9 36.5 54.7

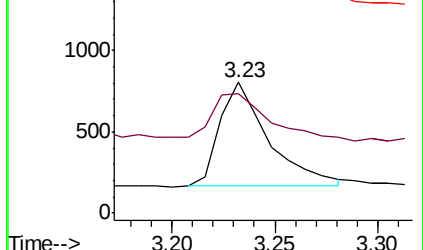
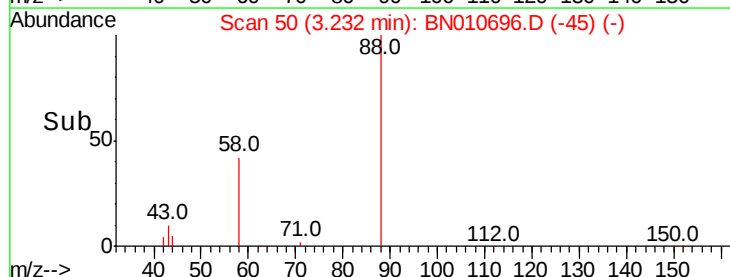
43 30.5 13.2 19.8#

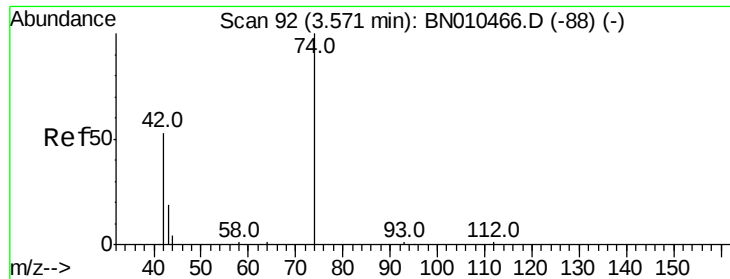


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

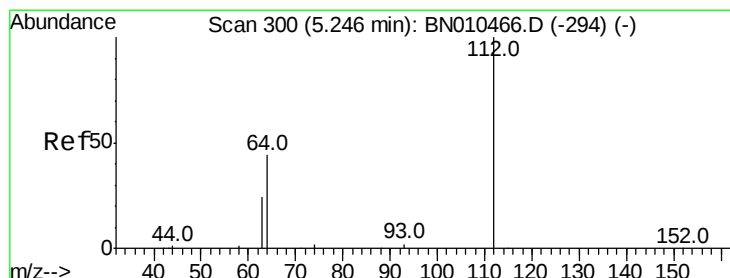
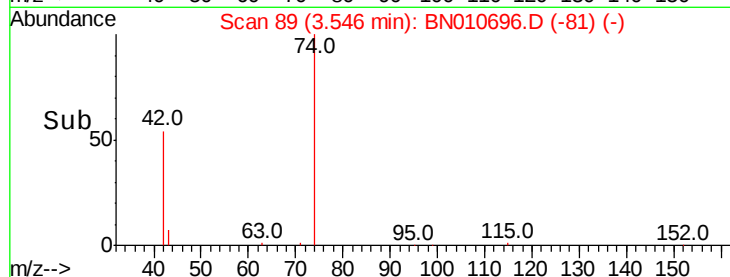
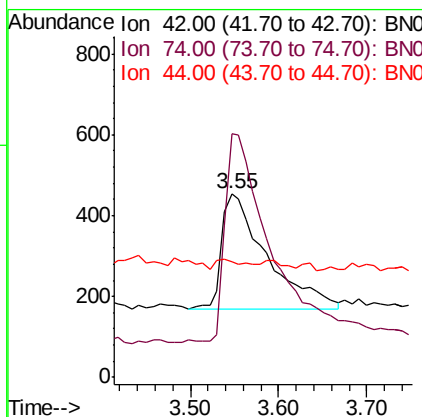
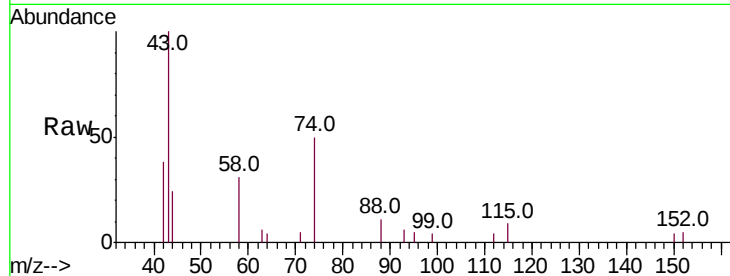




#3
 n-Nitrosodimethylamine
 Concen: 0.473 ng
 RT: 3.55 min Scan# 89
 Delta R.T. -0.03 min
 Lab File: BN010696.D
 Acq: 12 May 2020 12:33

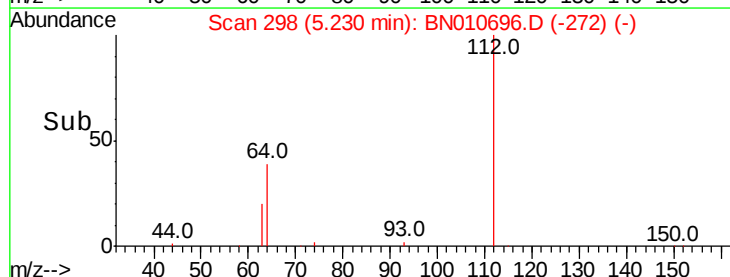
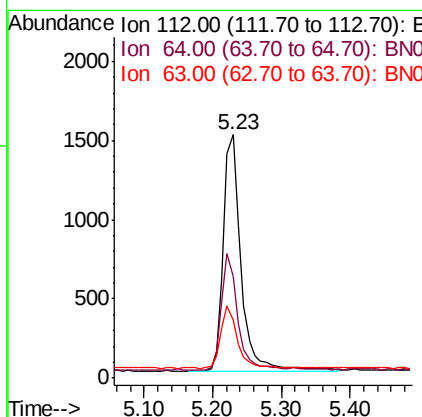
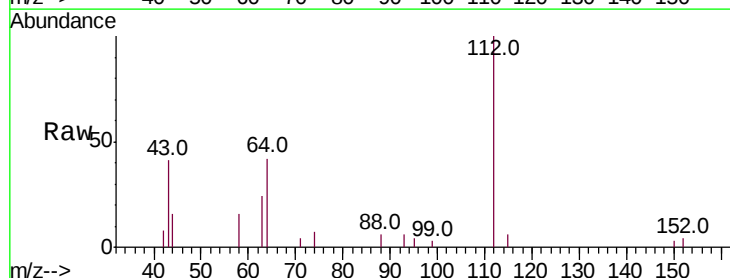
Instrument :
 BNA_N
 ClientSampleId :
 PB128768BSD

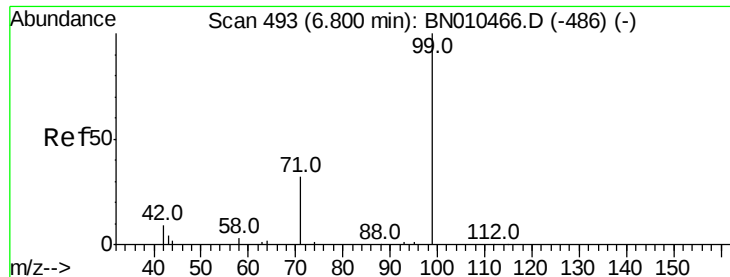
Tot Ion: 42 Resp: 1001
 Ion Ratio Lower Upper
 42 100
 74 184.8 162.2 243.4
 44 5.3 2.4 3.6#



#4
 2-Fluorophenol
 Concen: 0.276 ng
 RT: 5.23 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: BN010696.D
 Acq: 12 May 2020 12:33

Tgt Ion: 112 Resp: 2680
 Ion Ratio Lower Upper
 112 100
 64 45.1 35.8 53.8
 63 24.9 19.9 29.9





#5

Phenol-d6

Concen: 0.249 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

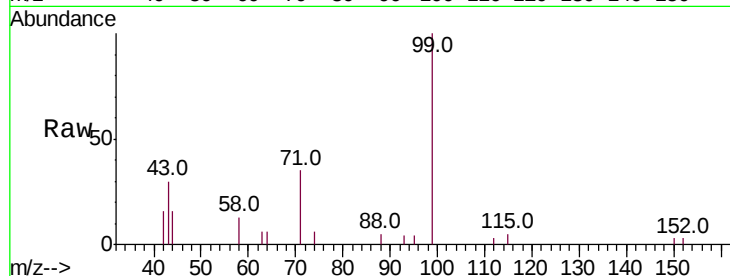
Tot Ion: 99 Resp: 3162

Ion Ratio Lower Upper

99 100

42 14.4 9.8 14.6

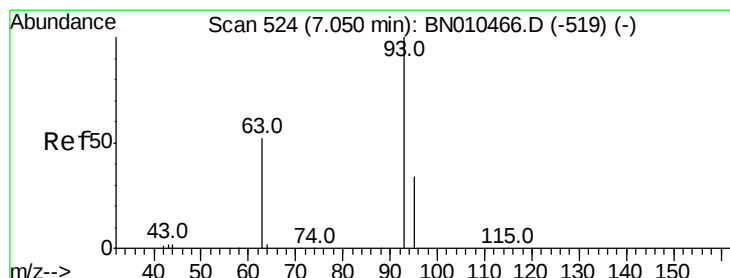
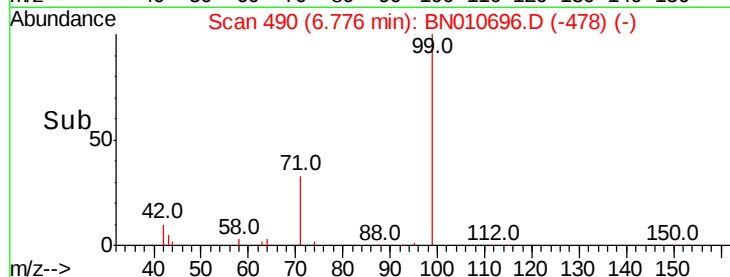
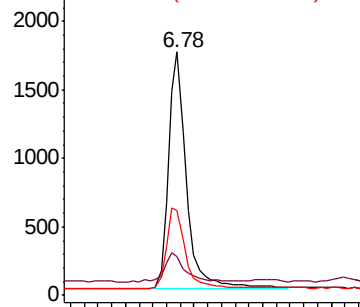
71 35.2 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.398 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

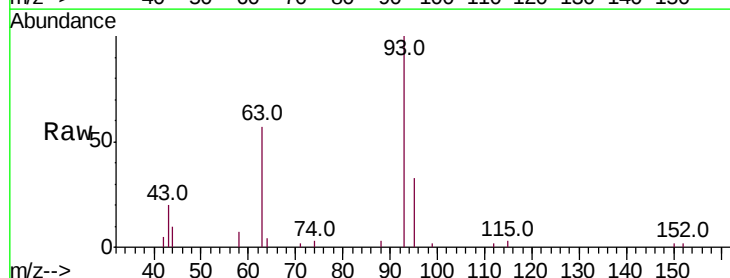
Tgt Ion: 93 Resp: 4377

Ion Ratio Lower Upper

93 100

63 57.9 44.6 66.8

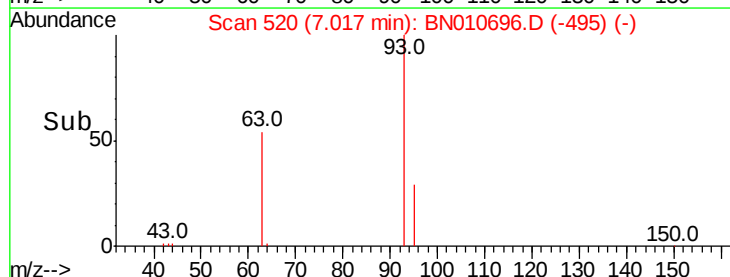
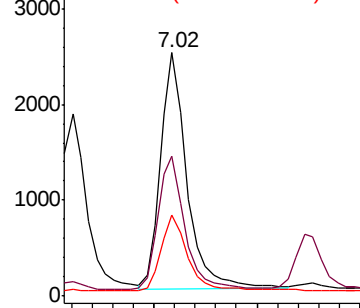
95 32.9 26.5 39.7



Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010466.D (-519) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

Tot Ion:136 Resp: 17254

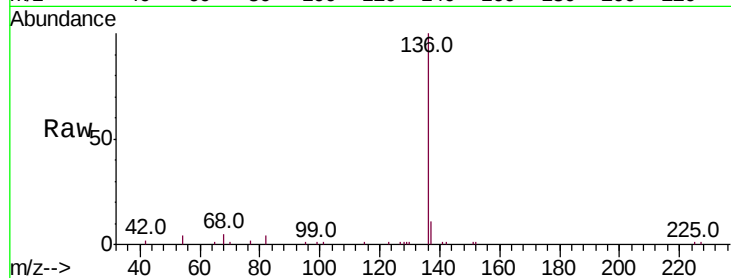
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 4.3 2.6 4.0#

68 5.0 3.4 5.2

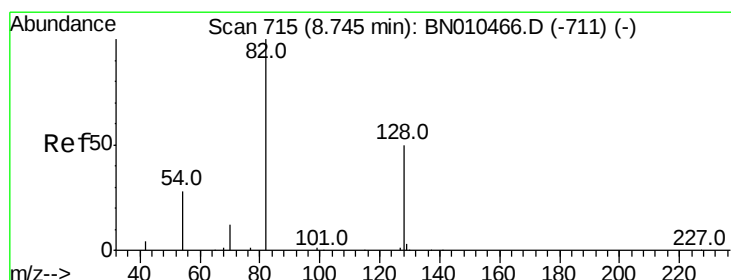
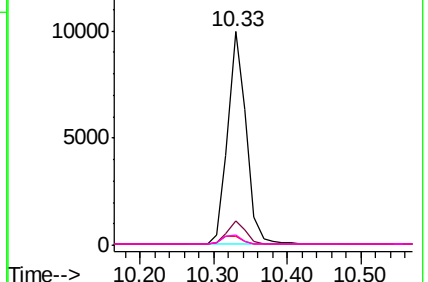
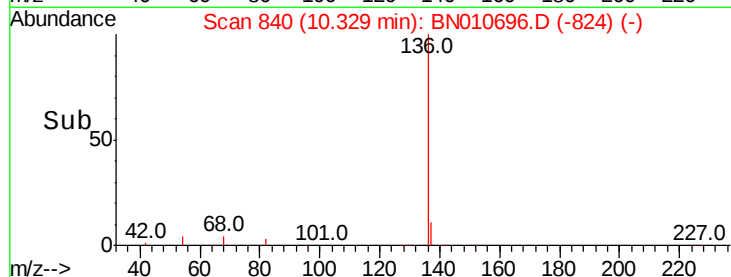


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.285 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.01 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

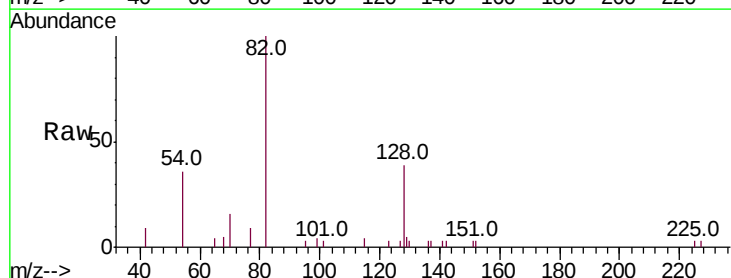
Tgt Ion: 82 Resp: 3433

Ion Ratio Lower Upper

82 100

128 39.1 41.3 61.9#

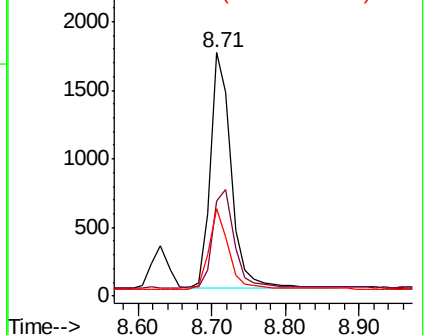
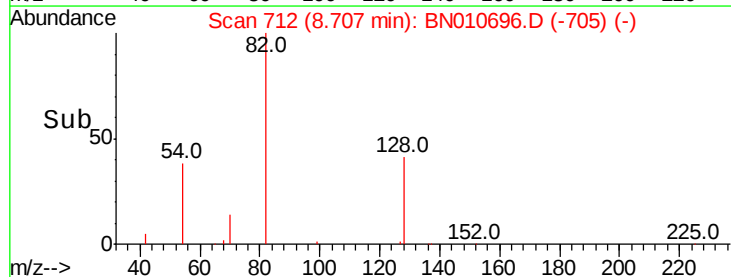
54 36.0 23.4 35.0#



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: 0.392 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

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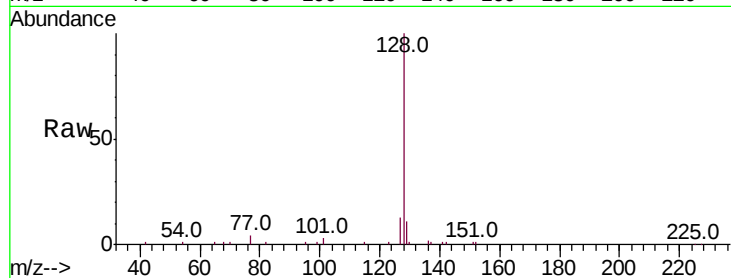
Tot Ion:128 Resp: 16779

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

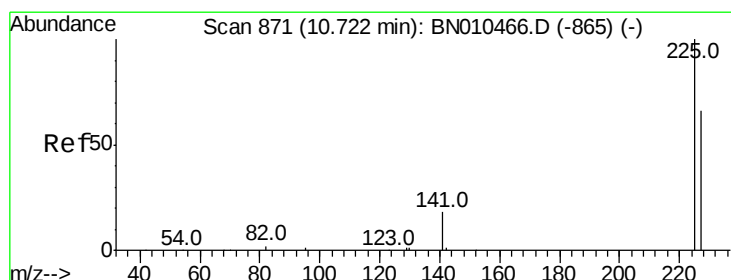
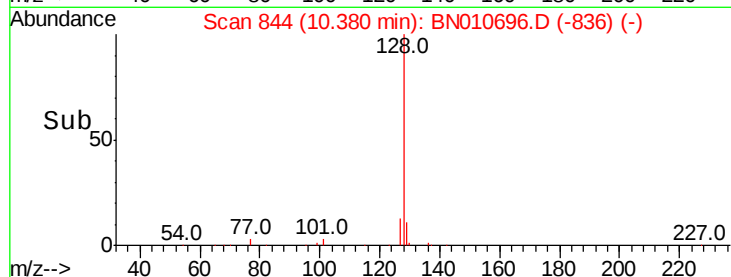
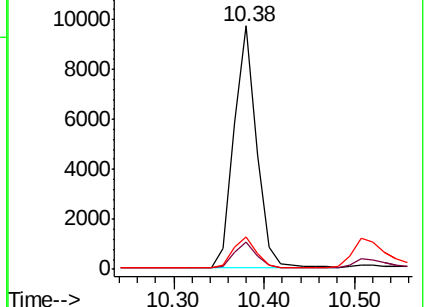
127 13.3 10.5 15.7



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: 0.357 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

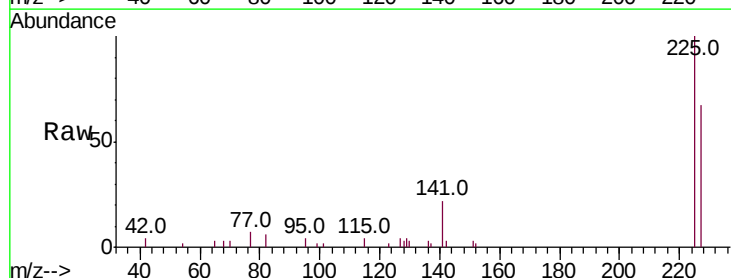
Tgt Ion:225 Resp: 3684

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

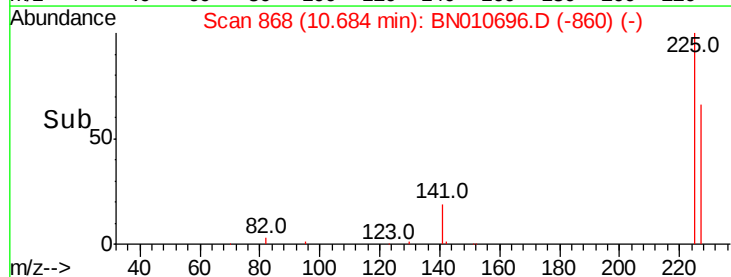
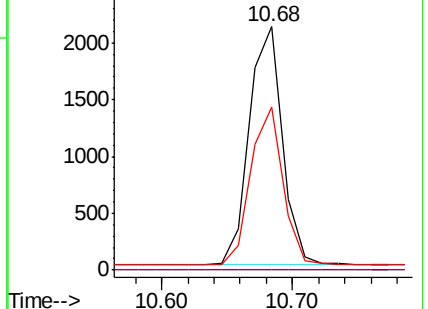
227 64.5 50.6 76.0

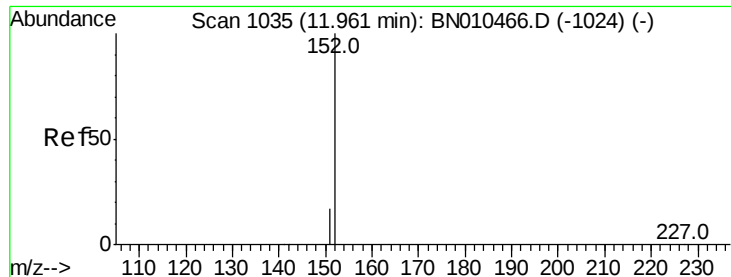


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

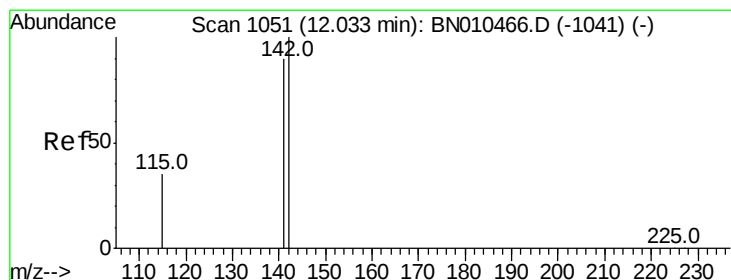
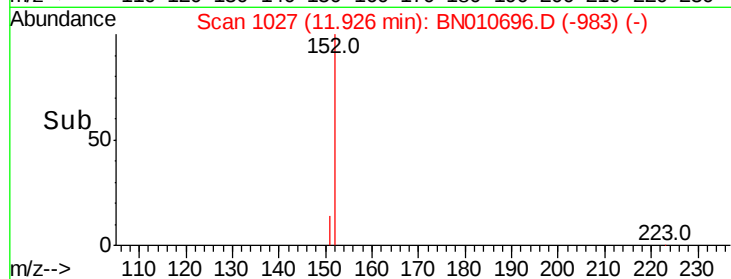
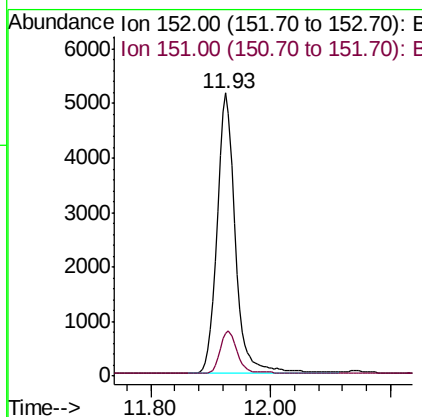
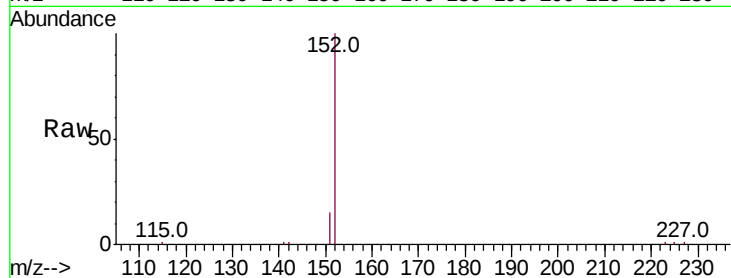




#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 11.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

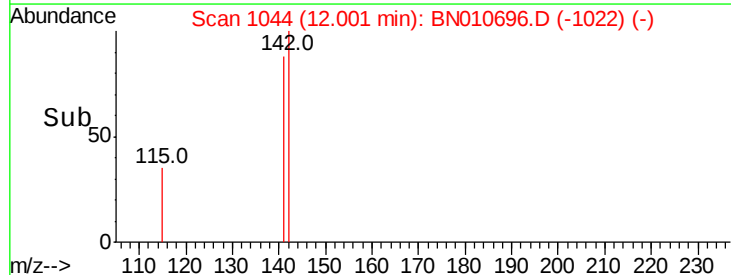
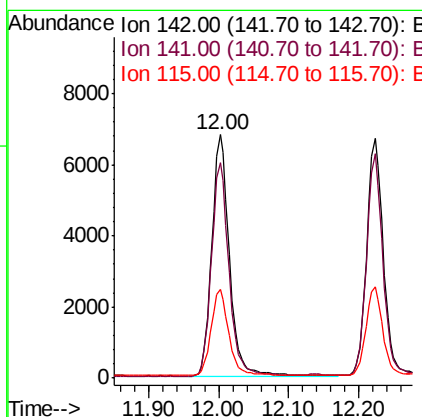
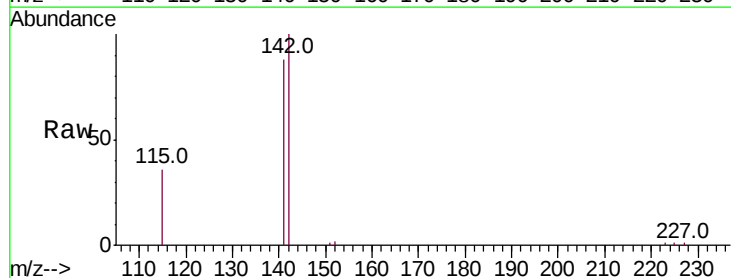
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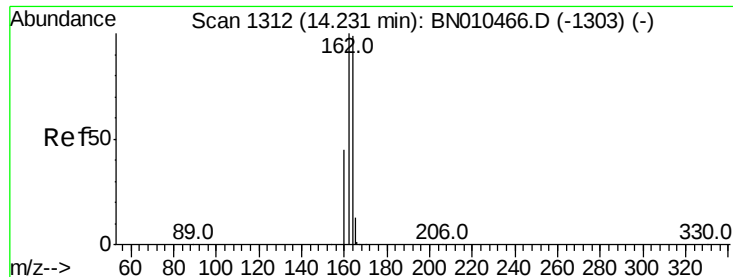
Tot Ion:152 Resp: 10749
Ion Ratio Lower Upper
152 100
151 14.1 15.3 22.9#



#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 12.00 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:142 Resp: 11890
Ion Ratio Lower Upper
142 100
141 88.4 71.9 107.9
115 36.3 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

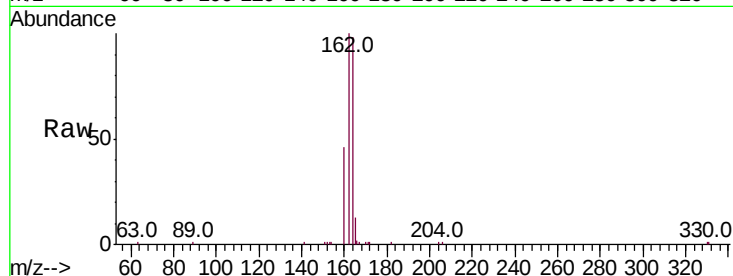
BNA_N

ClientSampleId :

PB128768BSD

Tot Ion:164 Resp: 10795

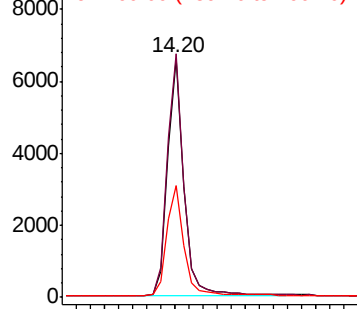
Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	121.0
160	47.0	36.5	54.7



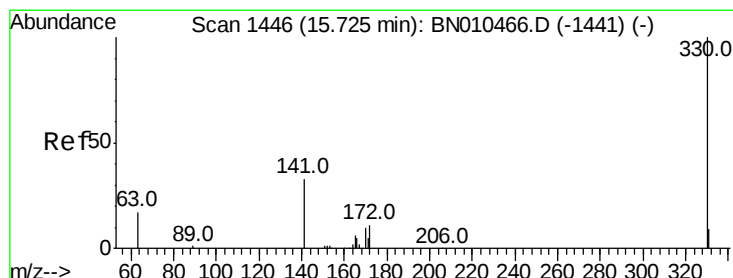
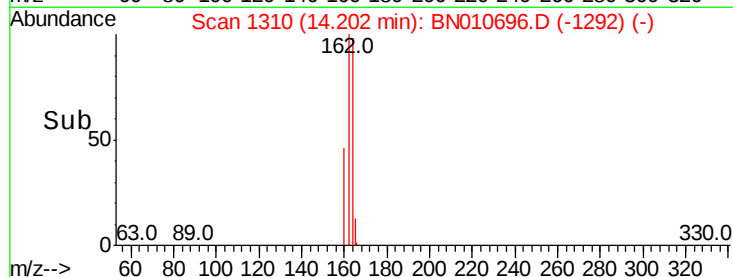
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.178 ng

RT: 15.71 min Scan# 1445

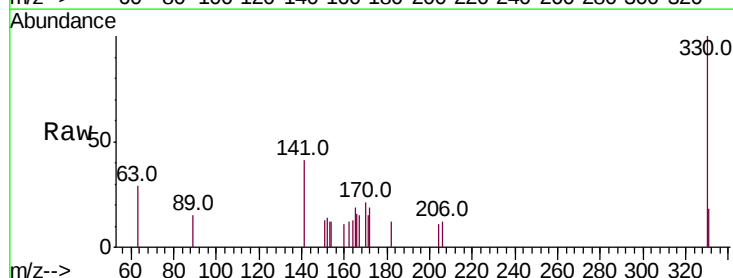
Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Tgt Ion:330 Resp: 907

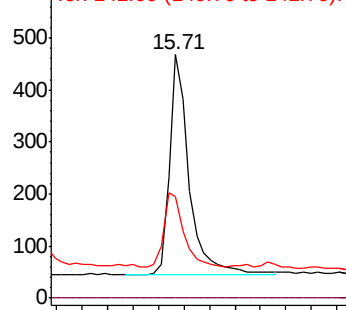
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.2	28.1	42.1



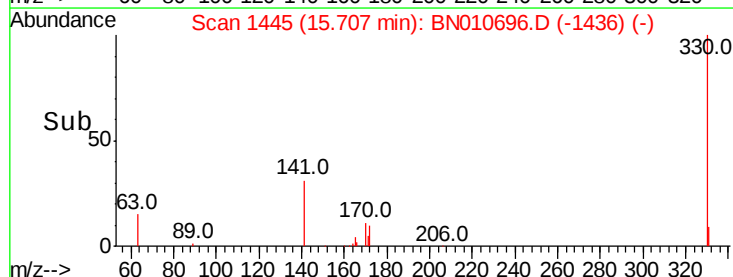
Abundance Ion 330.00 (329.70 to 330.70): E

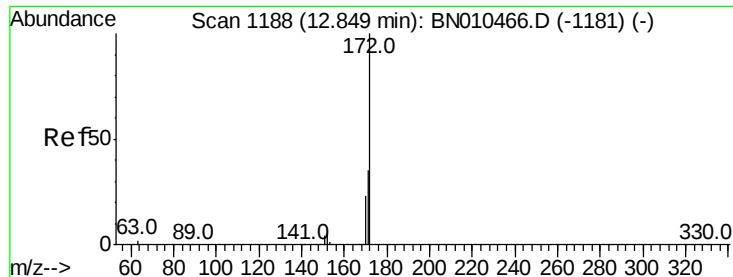
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

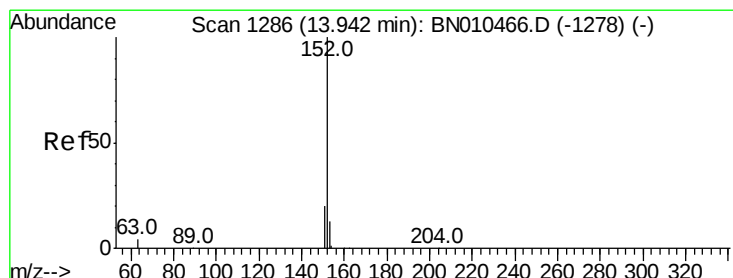
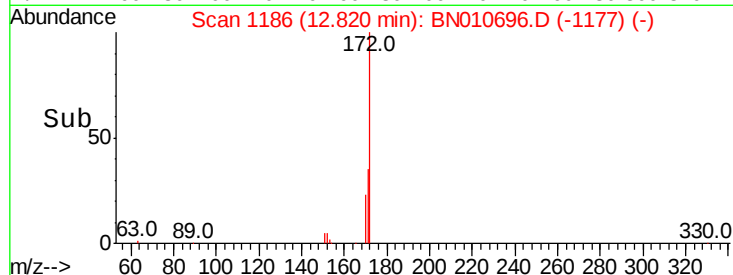
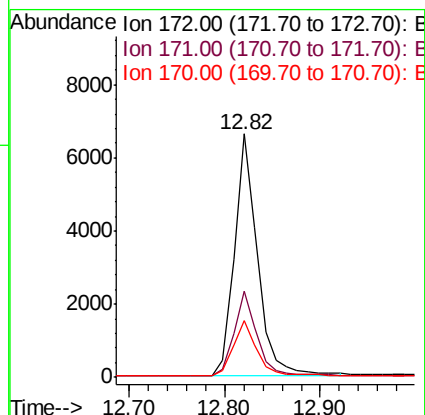
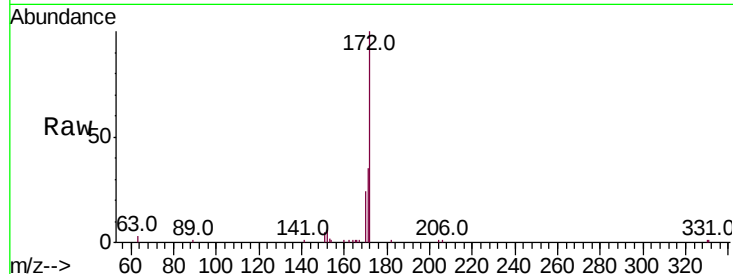




#15
2-Fluorobiphenyl
Concen: 0.282 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

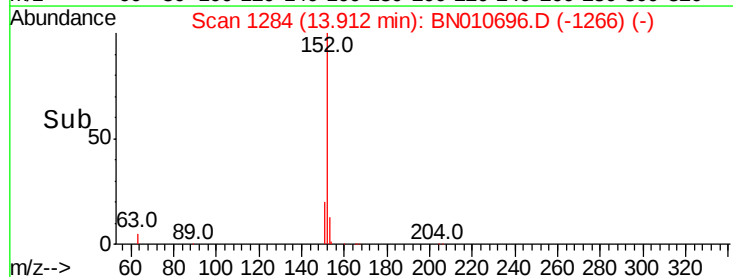
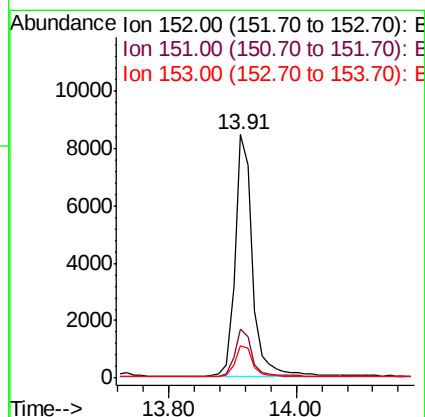
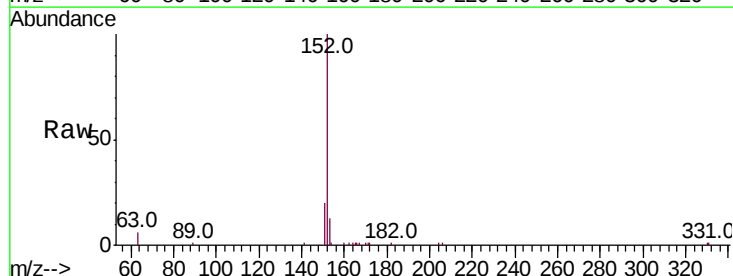
Instrument :
BNA_N
ClientSampleId :
PB128768BSD

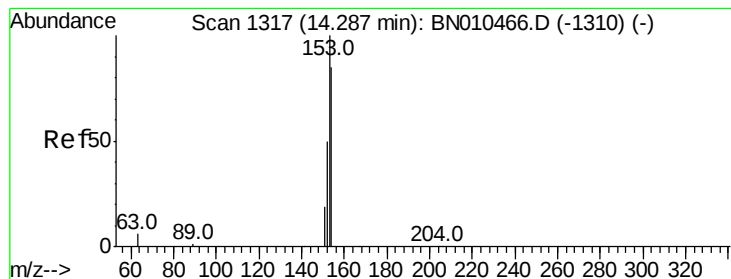
Tot Ion:172 Resp: 11078
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.5 18.4 27.6



#16
Acenaphthylene
Concen: 0.345 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:152 Resp: 16091
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 12.9 10.6 15.8





#17

Acenaphthene

Concen: 0.367 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

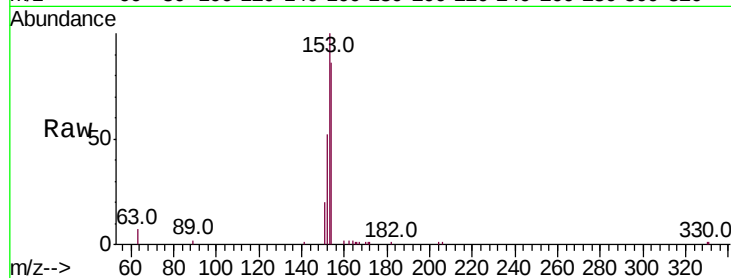
Tot Ion:154 Resp: 11003

Ion Ratio Lower Upper

154 100

153 113.7 91.0 136.4

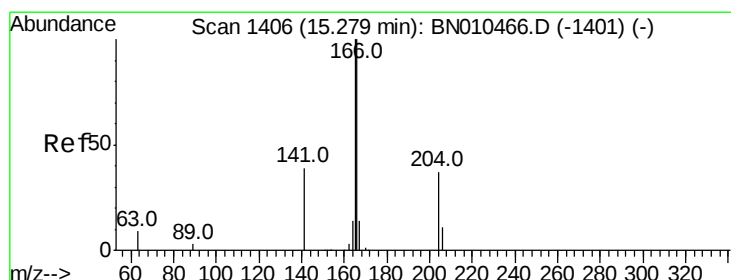
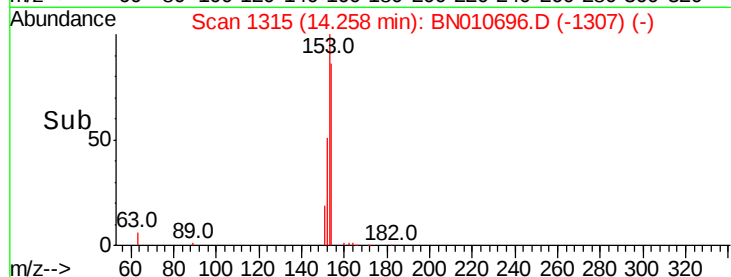
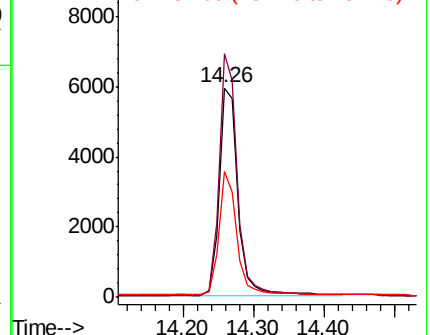
152 57.4 44.6 67.0



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: 0.363 ng

RT: 15.26 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

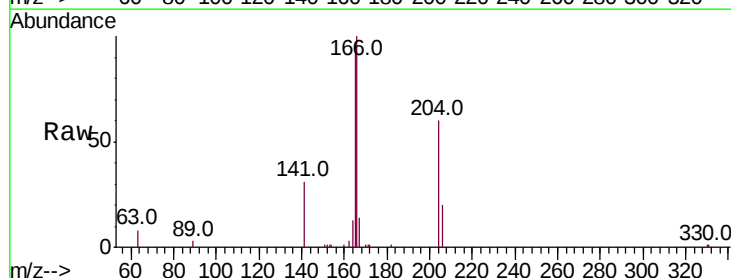
Tgt Ion:166 Resp: 14255

Ion Ratio Lower Upper

166 100

165 98.1 78.4 117.6

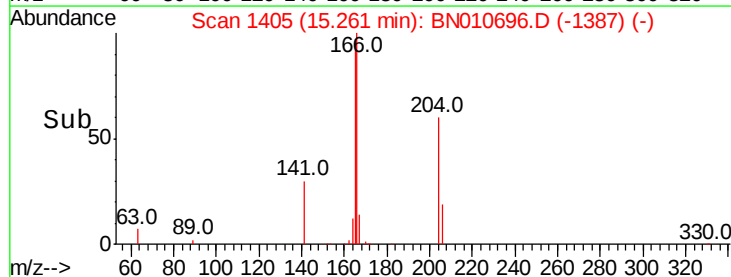
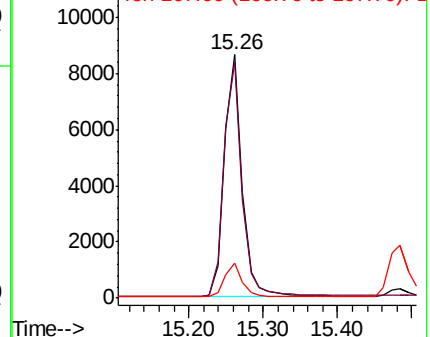
167 13.5 10.9 16.3

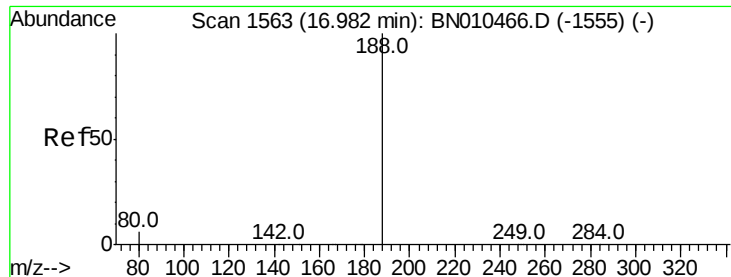


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

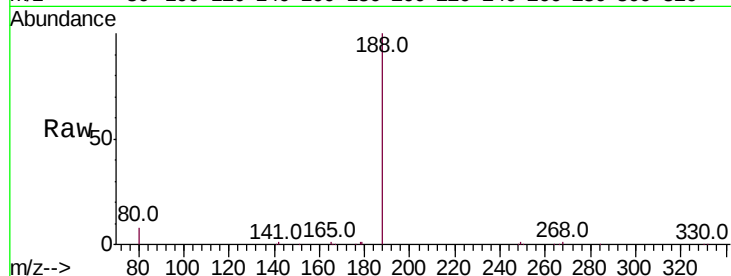
Tot Ion:188 Resp: 23261

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

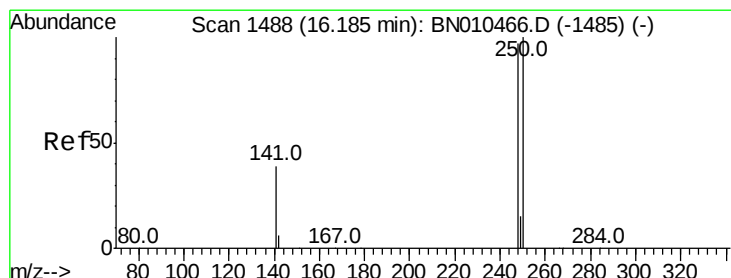
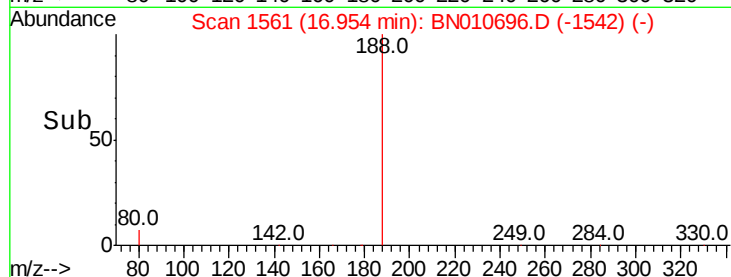
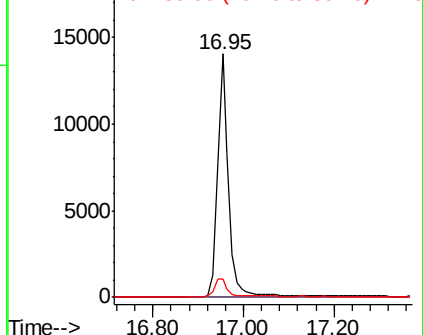
80 7.5 5.0 7.6



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: 0.340 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

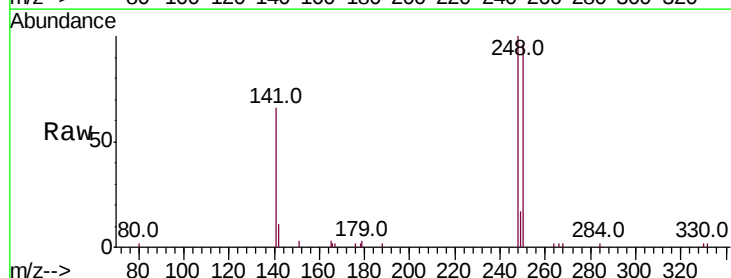
Tgt Ion:248 Resp: 4392

Ion Ratio Lower Upper

248 100

250 96.1 82.3 123.5

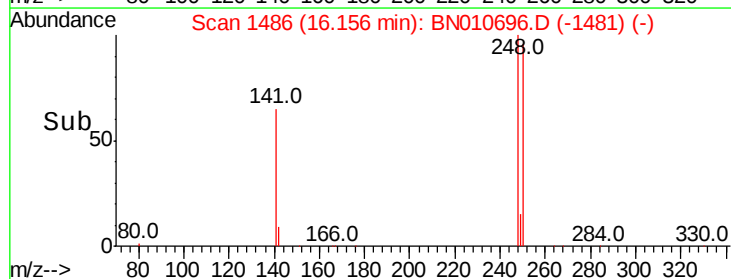
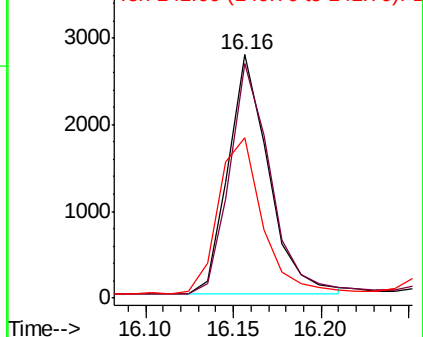
141 65.8 35.2 52.8#

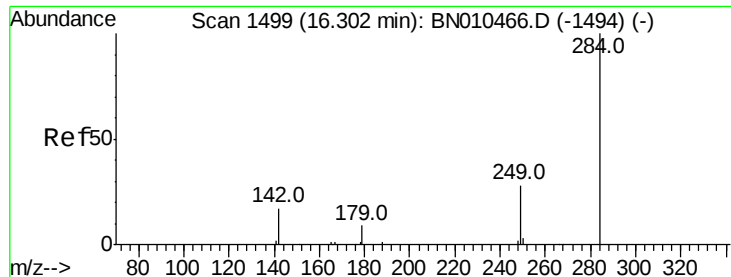


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.370 ng

RT: 16.27 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

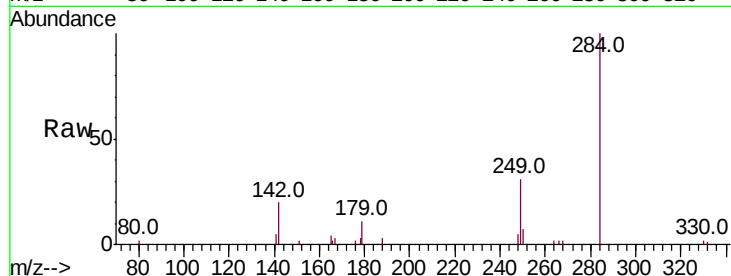
Tot Ion:284 Resp: 5454

Ion Ratio Lower Upper

284 100

142 34.5 25.5 38.3

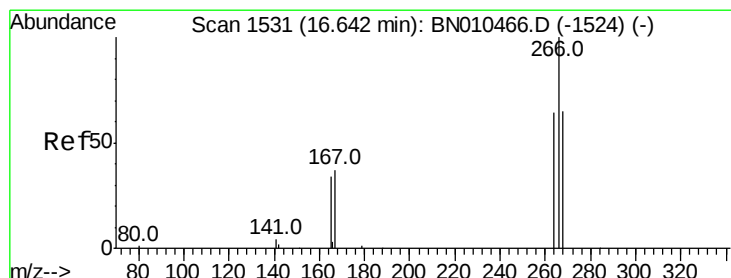
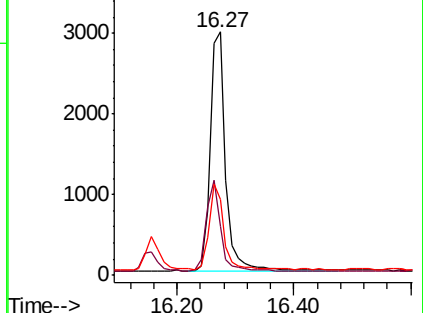
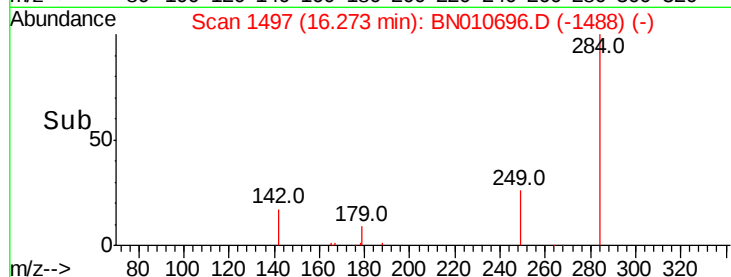
249 33.9 25.8 38.6



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: 0.536 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

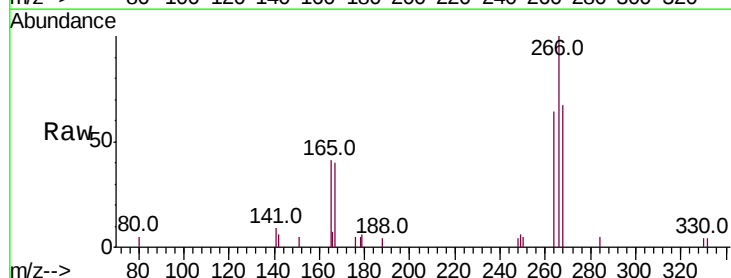
Tgt Ion:266 Resp: 3110

Ion Ratio Lower Upper

266 100

264 64.0 51.8 77.6

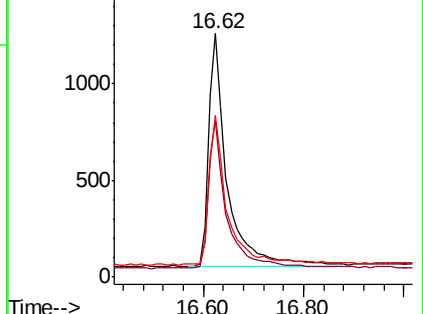
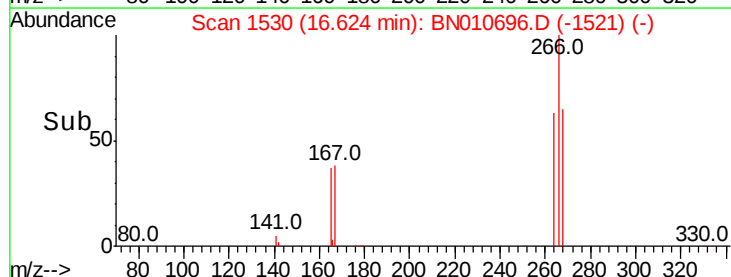
268 66.7 53.7 80.5



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: 0.356 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

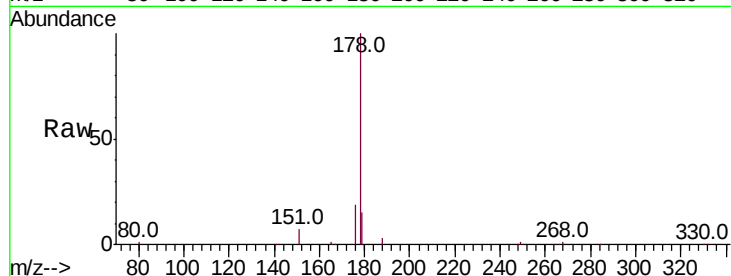
Tot Ion:178 Resp: 22351

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

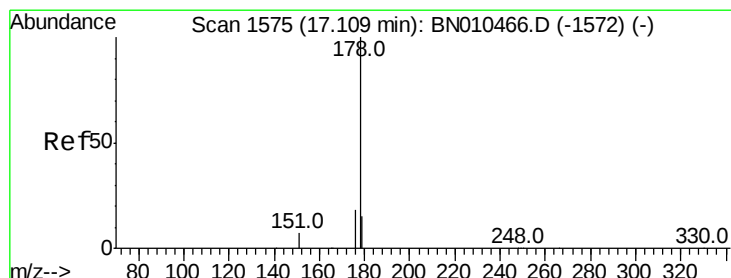
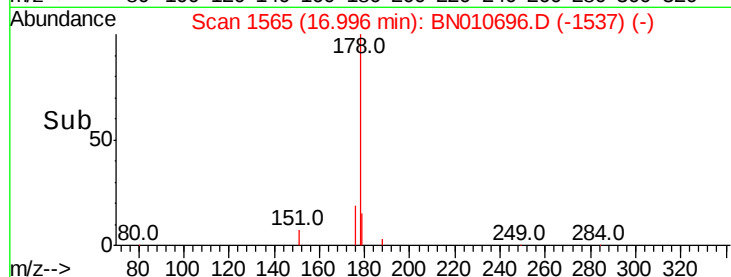
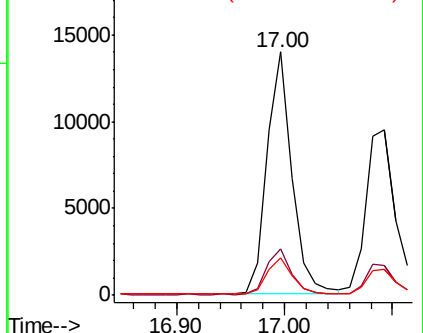
179 15.3 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.324 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

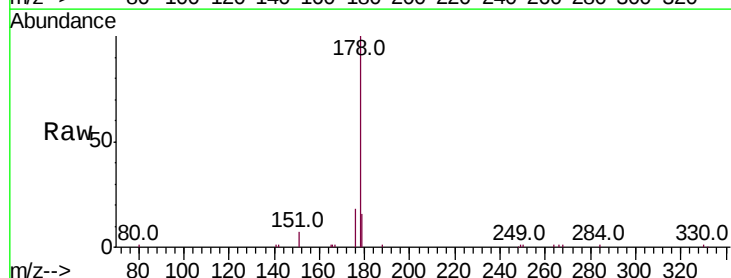
Tgt Ion:178 Resp: 18632

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

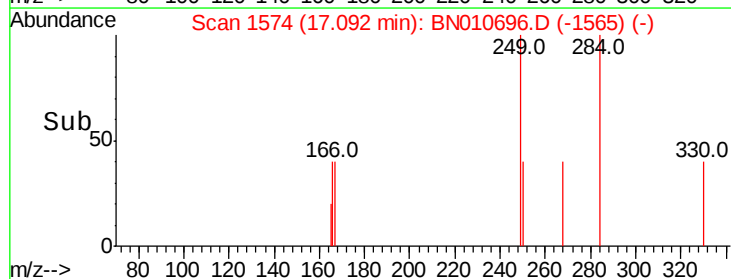
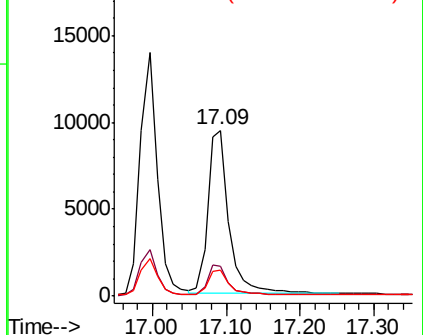
179 15.1 12.2 18.2

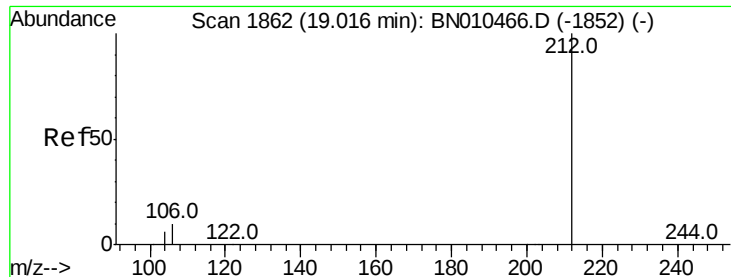


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.220 ng

RT: 18.99 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

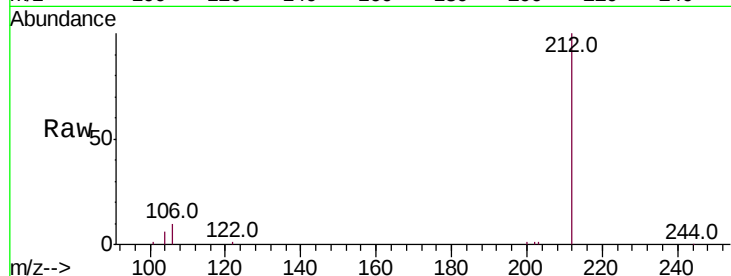
Tot Ion:212 Resp: 15490

Ion Ratio Lower Upper

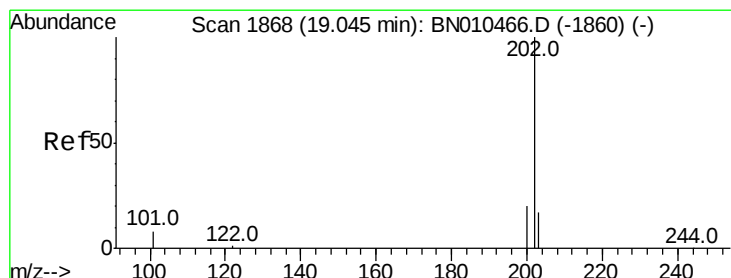
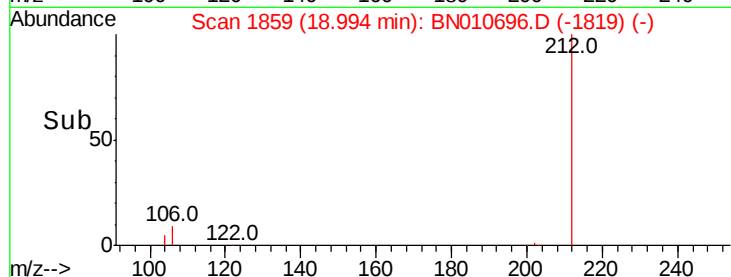
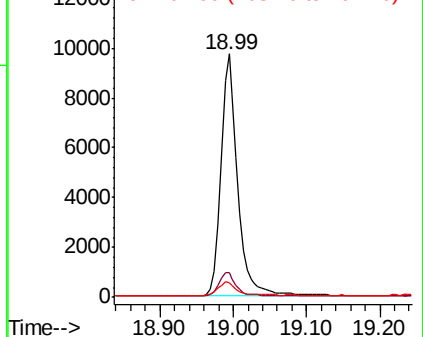
212 100

106 9.9 7.8 11.6

104 5.9 4.5 6.7



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: 0.317 ng

RT: 19.02 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

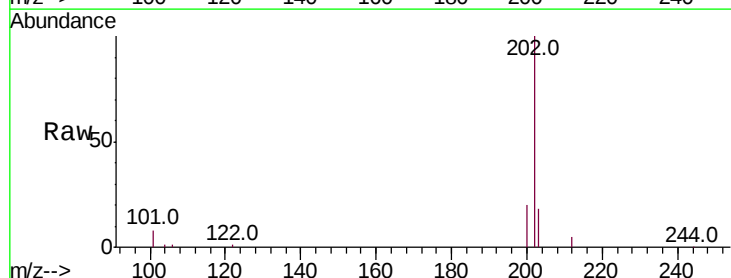
Tgt Ion:202 Resp: 24752

Ion Ratio Lower Upper

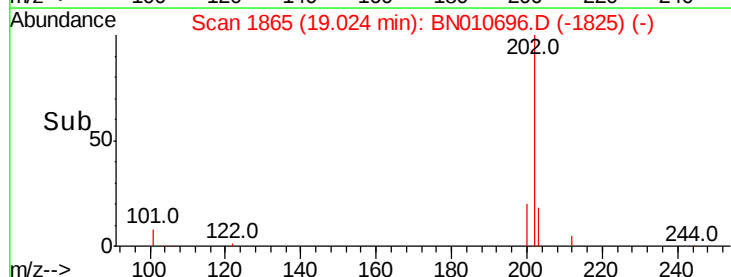
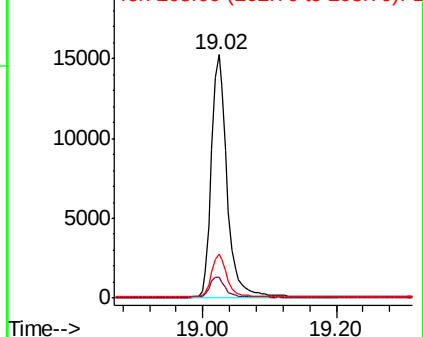
202 100

101 8.5 6.9 10.3

203 17.2 13.9 20.9



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: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

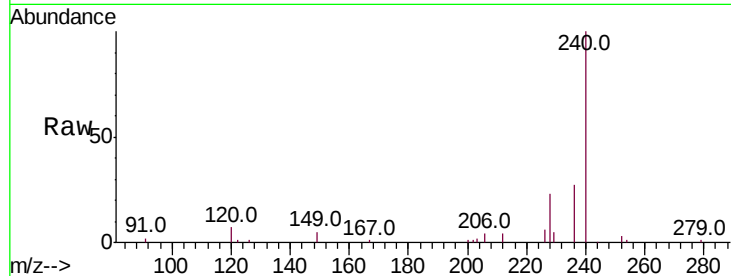
Tot Ion:240 Resp: 19273

Ion Ratio Lower Upper

240 100

120 6.5 4.8 7.2

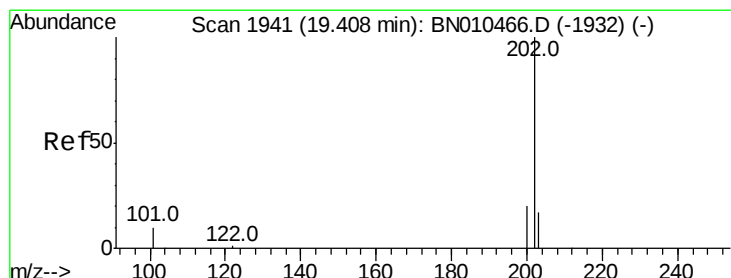
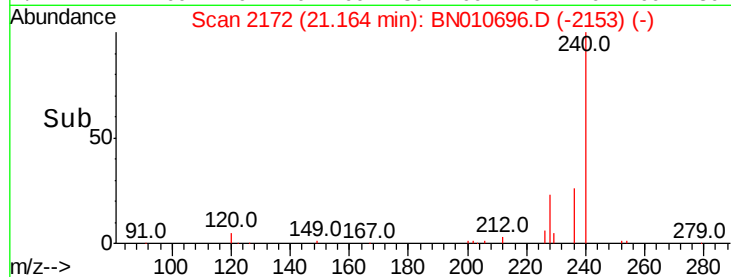
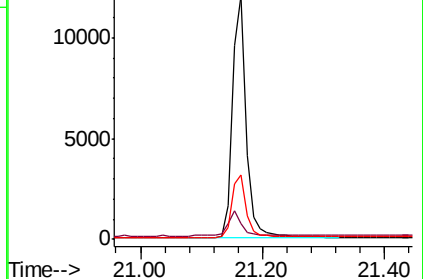
236 26.7 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.379 ng

RT: 19.39 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

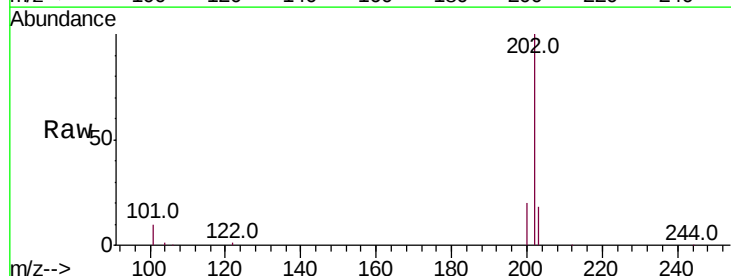
Tgt Ion:202 Resp: 24566

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

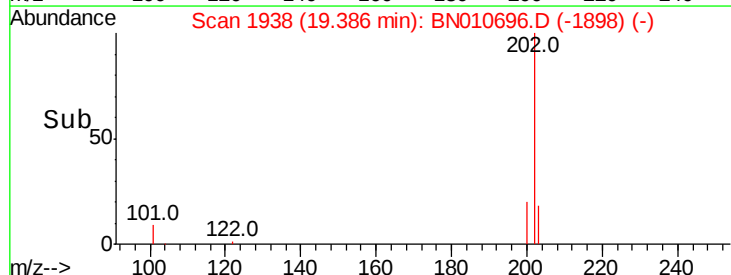
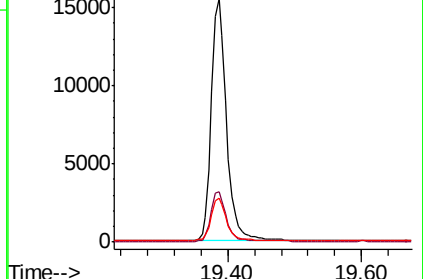
203 18.0 14.0 21.0

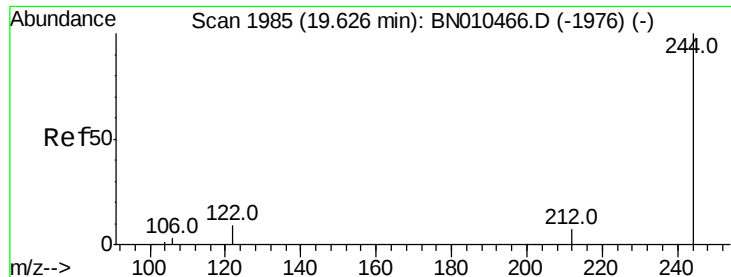


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.266 ng

RT: 19.60 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

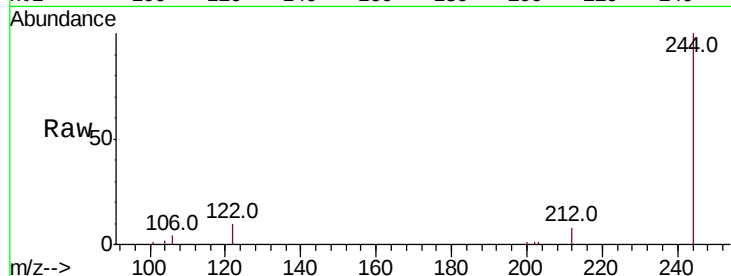
Tot Ion:244 Resp: 11751

Ion Ratio Lower Upper

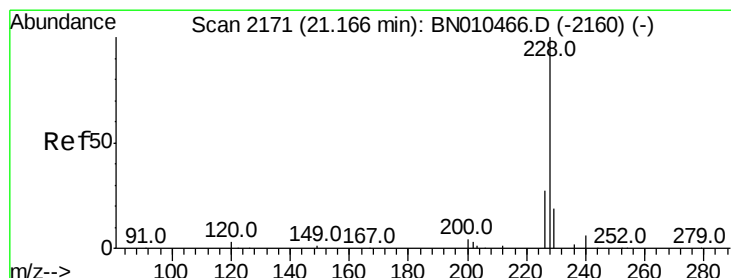
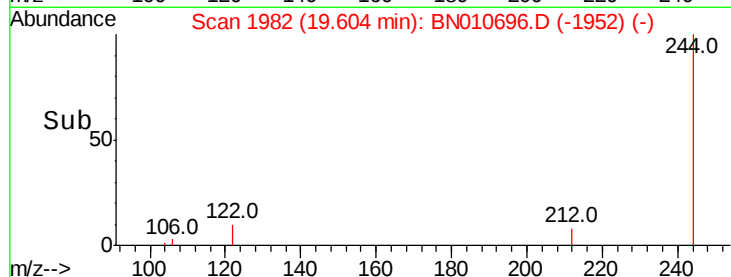
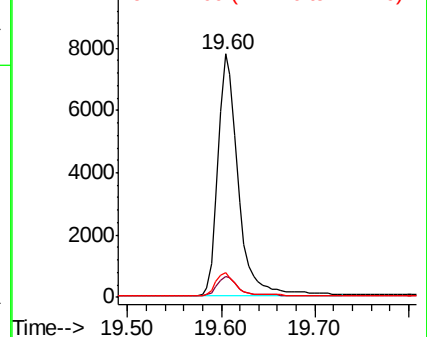
244 100

212 8.5 6.2 9.4

122 10.2 7.8 11.8



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: 0.321 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

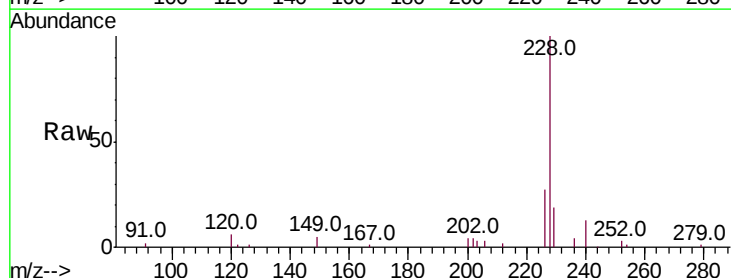
Tgt Ion:228 Resp: 20155

Ion Ratio Lower Upper

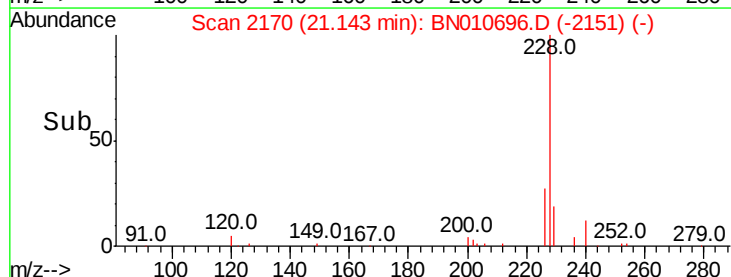
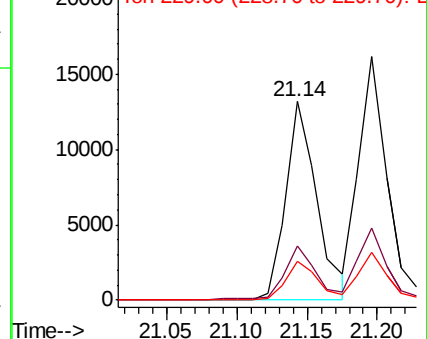
228 100

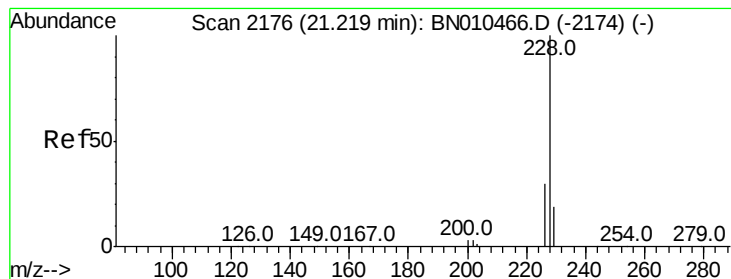
226 27.1 21.7 32.5

229 19.4 15.6 23.4



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: 0.355 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

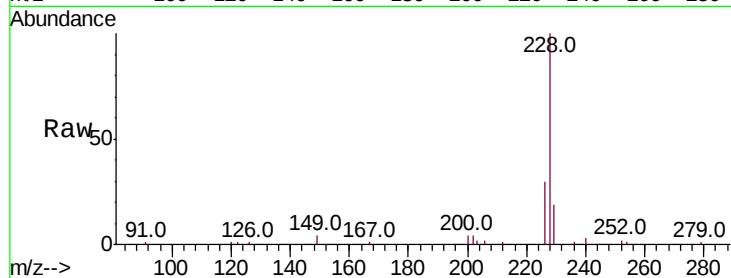
BNA_N

ClientSampleId :

PB128768BSD

Tot Ion:228 Resp: 22250

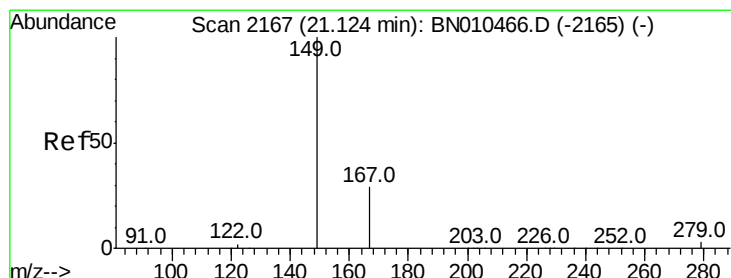
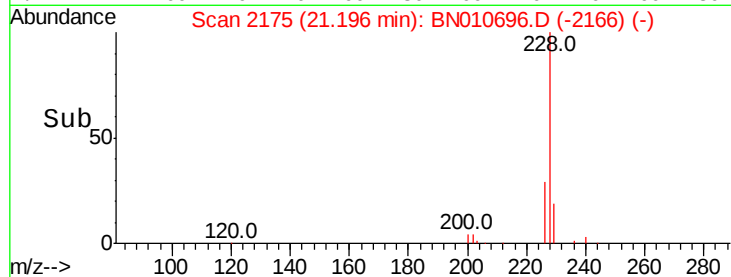
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	19.5	15.8	23.6



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: 0.258 ng

RT: 21.10 min Scan# 2166

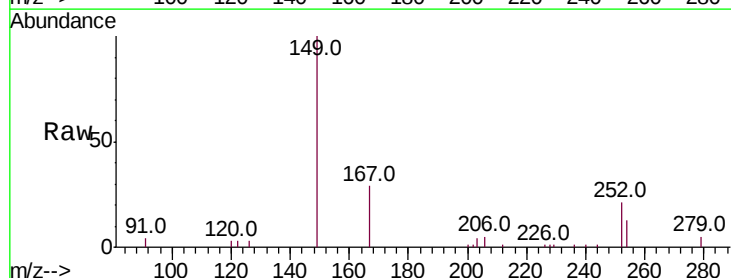
Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Tgt Ion:149 Resp: 8326

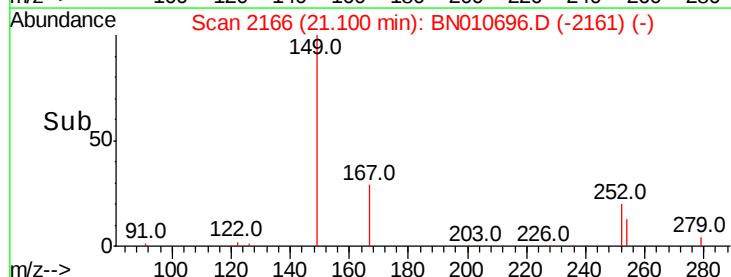
Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	4.7	4.0	6.0

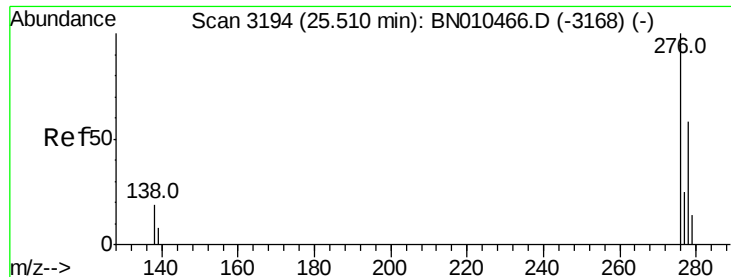


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.364 ng

RT: 25.47 min Scan# 3184

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

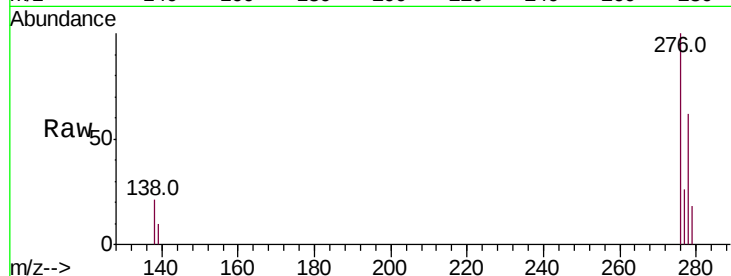
Tot Ion:276 Resp: 20149

Ion Ratio Lower Upper

276 100

138 19.7 16.4 24.6

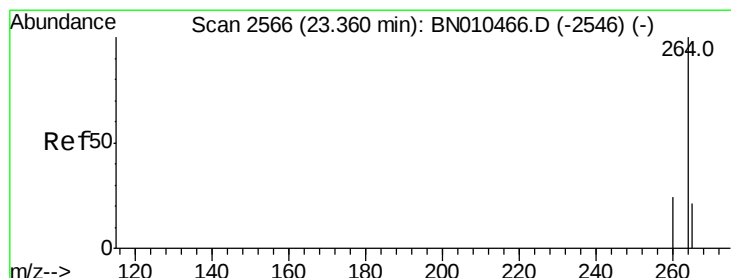
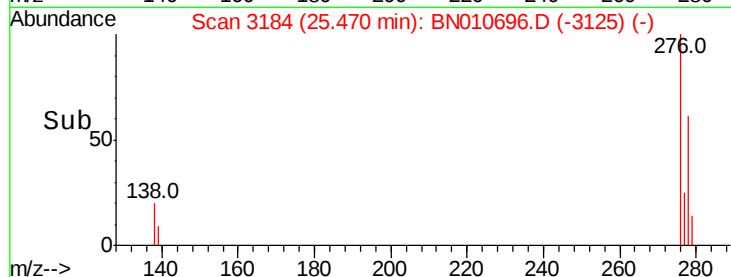
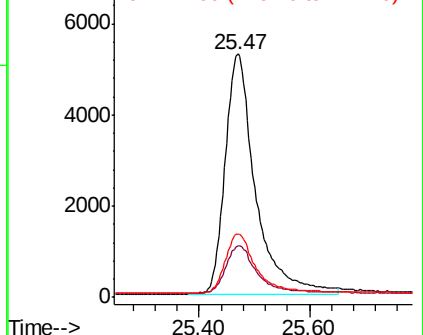
277 24.5 19.8 29.6



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: 23.33 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

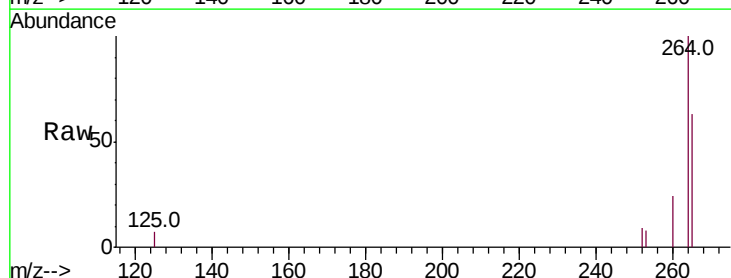
Tgt Ion:264 Resp: 17688

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

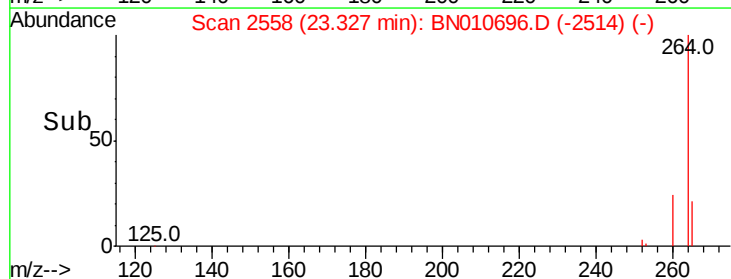
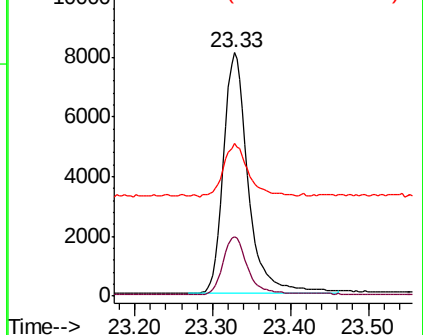
265 62.7 42.3 63.5

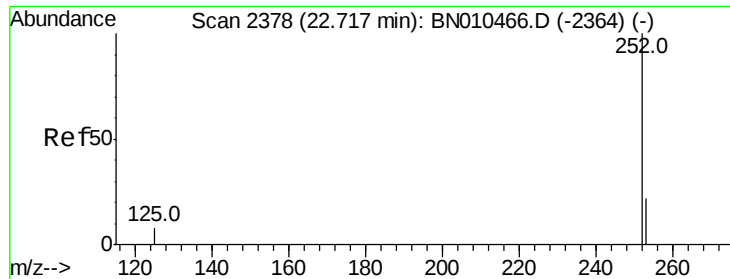


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

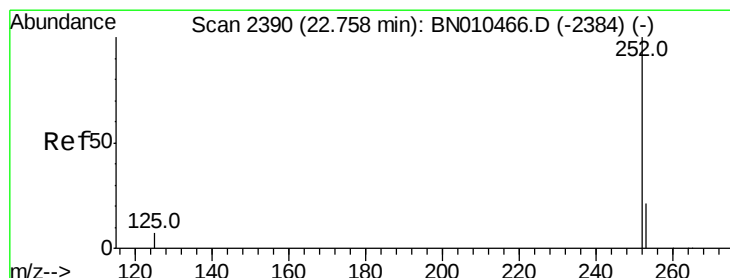
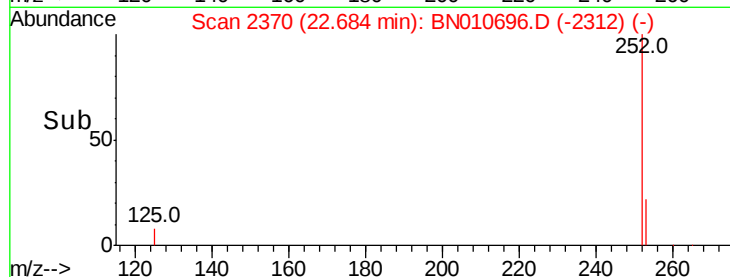
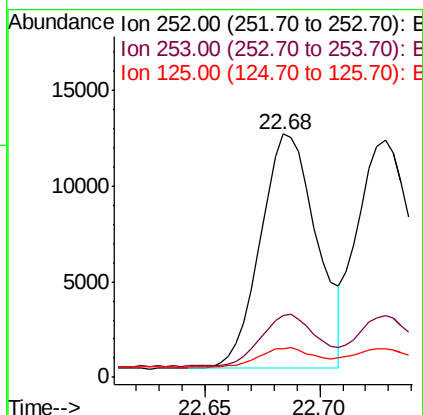
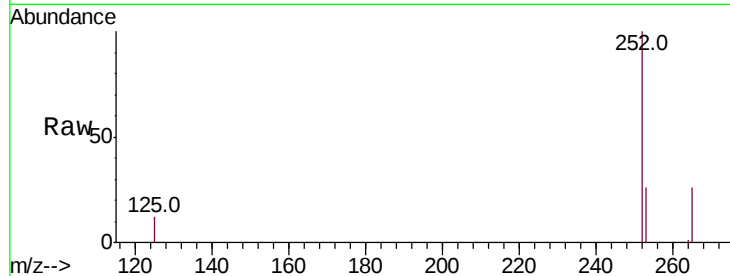




#35
Benzo(b)fluoranthene
Concen: 0.360 ng
RT: 22.68 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

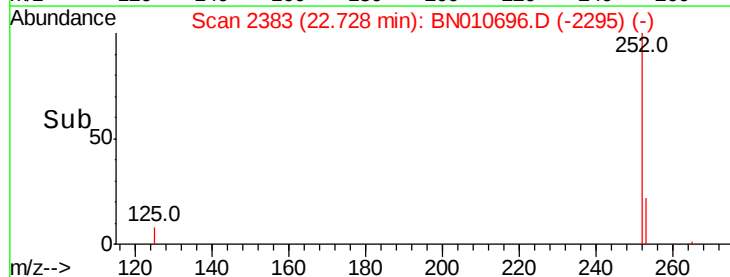
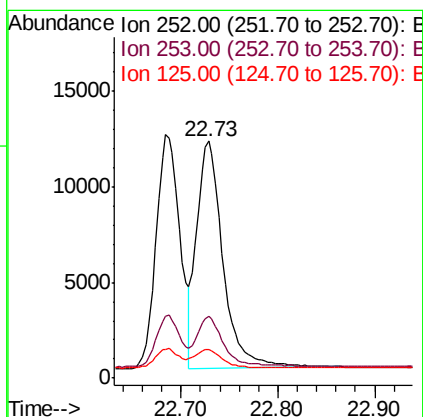
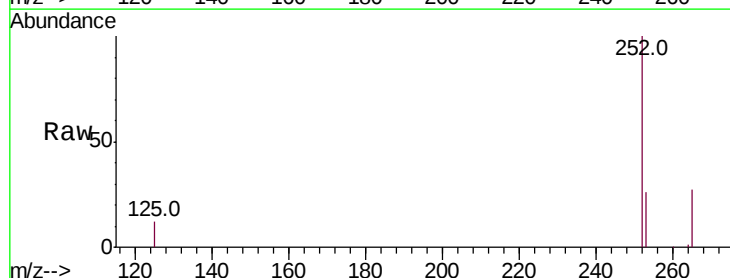
Instrument :
BNA_N
ClientSampleId :
PB128768BSD

Tot Ion:252 Resp: 20956
Ion Ratio Lower Upper
252 100
253 25.6 20.2 30.4
125 11.8 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 22.73 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BN010696.D
Acq: 12 May 2020 12:33

Tgt Ion:252 Resp: 22331
Ion Ratio Lower Upper
252 100
253 25.9 20.1 30.1
125 11.9 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.359 ng

RT: 23.24 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

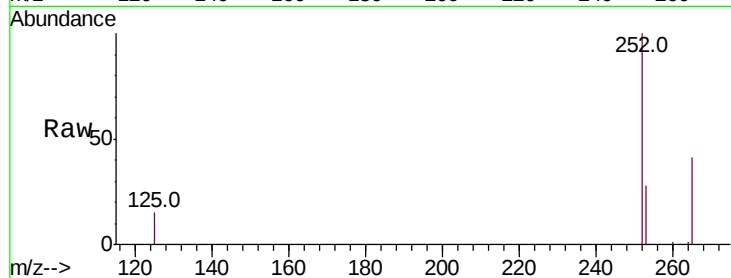
Tot Ion:252 Resp: 18508

Ion Ratio Lower Upper

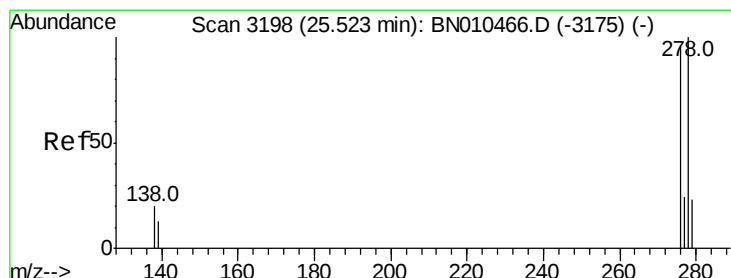
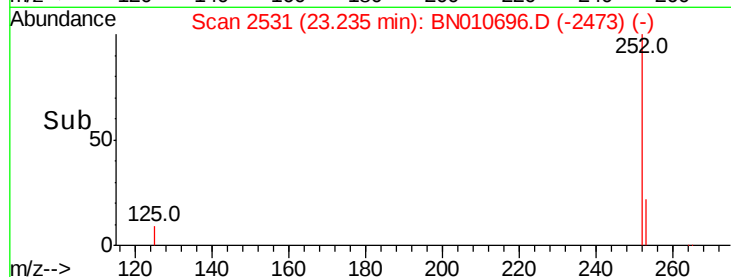
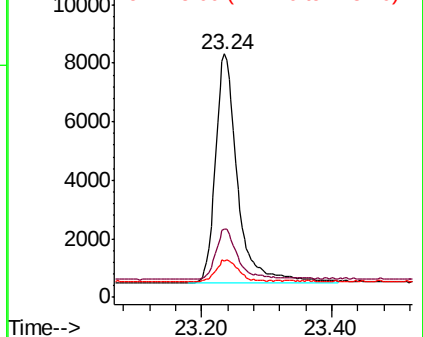
252 100

253 27.9 21.8 32.8

125 15.0 11.0 16.6



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: 0.337 ng

RT: 25.49 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

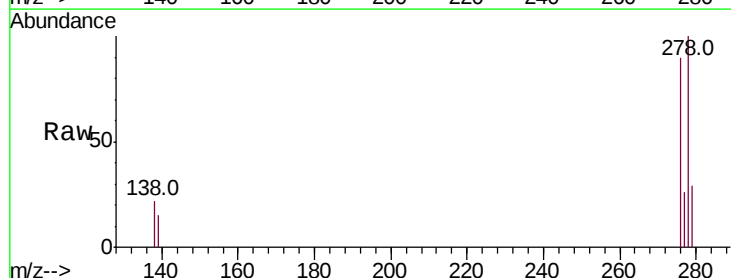
Tgt Ion:278 Resp: 15863

Ion Ratio Lower Upper

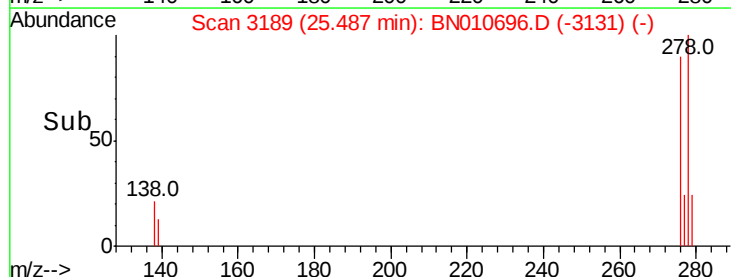
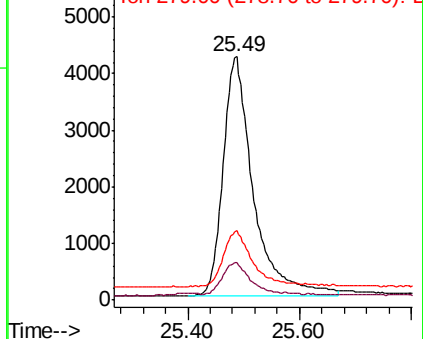
278 100

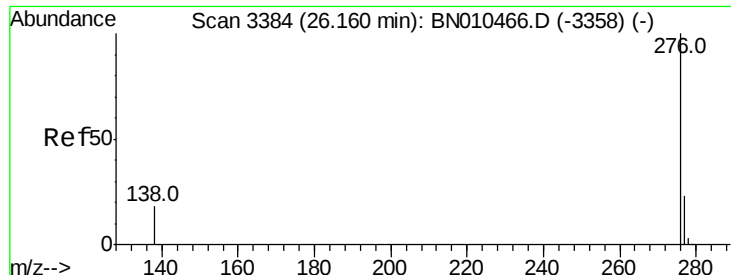
139 15.2 12.3 18.5

279 28.7 21.9 32.9



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





#39

Benzo(a,h,i)perylene

Concen: 0.394 ng

RT: 26.11 min Scan# 3371

Delta R.T. 0.00 min

Lab File: BN010696.D

Acq: 12 May 2020 12:33

Instrument :

BNA_N

ClientSampleId :

PB128768BSD

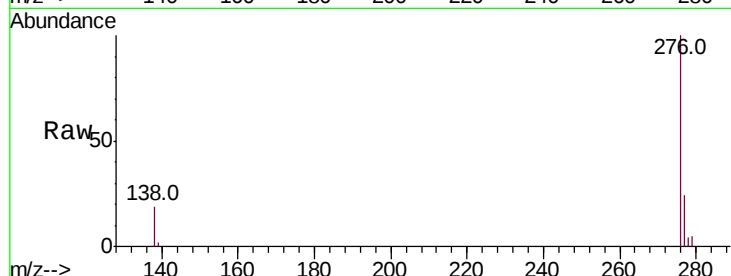
Tot Ion:276 Resp: 18706

Ion Ratio Lower Upper

276 100

277 24.3 20.2 30.2

138 19.4 15.4 23.2



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

