

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
 Data File : BN011802.D
 Acq On : 15 Sep 2020 15:41
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN091520

Quant Time: Sep 15 16:52:06 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	1333	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	4638	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	2815	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	6499	0.40	ng	0.01
29) Chrysene-d12	21.31	240	9335	0.40	ng	0.00
36) Perylene-d12	23.56	264	9539	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	1422	0.39	ng	0.00
5) Phenol-d6	6.89	99	1807	0.38	ng	0.00
8) Nitrobenzene-d5	8.87	82	1966	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	3354	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	572	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	4890	0.39	ng	0.00
27) Fluoranthene-d10	19.15	212	7784	0.37	ng	0.00
31) Terphenyl-d14	19.75	244	15674	0.62	ng	0.00

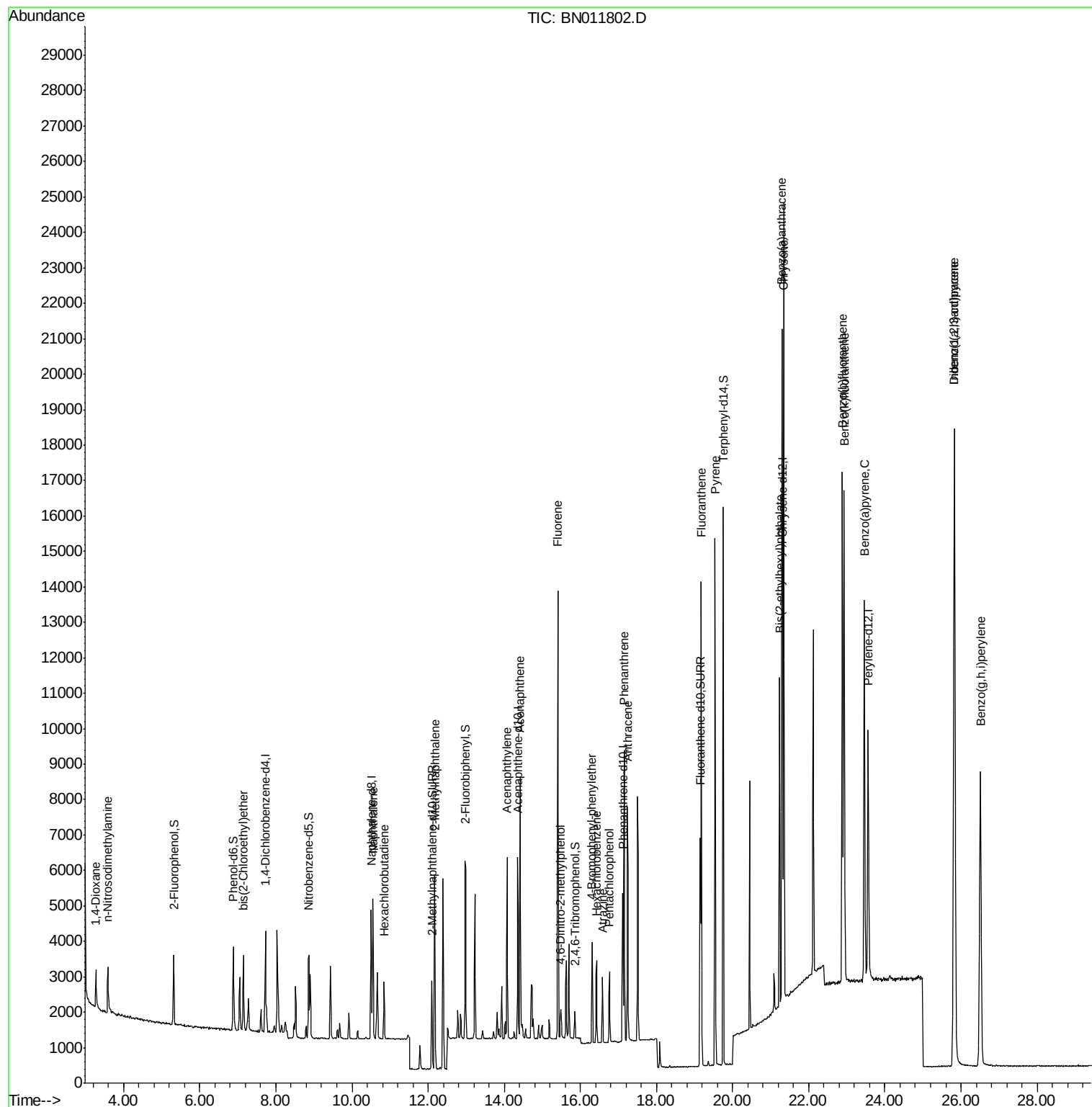
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	700	0.373	ng	95
3) n-Nitrosodimethylamine	3.58	42	1140	0.396	ng	# 97
6) bis(2-Chloroethyl)ether	7.15	93	1505	0.389	ng	98
9) Naphthalene	10.55	128	5133	0.386	ng	100
10) Hexachlorobutadiene	10.85	225	1251	0.390	ng	# 96
12) 2-Methylnaphthalene	12.17	142	3623	0.380	ng	98
16) Acenaphthylene	14.08	152	5156	0.367	ng	100
17) Acenaphthene	14.42	154	3786	0.381	ng	100
18) Fluorene	15.41	166	4693	0.375	ng	99
20) 4,6-Dinitro-2-methylphenol	15.49	198	666	0.456	ng	97
21) 4-Bromophenyl-phenylether	16.31	248	1515	0.368	ng	97
22) Hexachlorobenzene	16.42	284	1804	0.374	ng	99
23) Atrazine	16.58	200	1522	0.401	ng	98
24) Pentachlorophenol	16.76	266	954	0.470	ng	98
25) Phenanthrene	17.15	178	8004	0.378	ng	100
26) Anthracene	17.24	178	7336	0.386	ng	99
28) Fluoranthene	19.18	202	12535	0.475	ng	100
30) Pyrene	19.54	202	13031	0.394	ng	100
32) Benzo(a)anthracene	21.29	228	15542	0.456	ng	99
33) Chrysene	21.34	228	16624	0.466	ng	99
34) Bis(2-ethylhexyl)phthalate	21.24	149	6690	0.439	ng	100
35) Indeno(1,2,3-cd)pyrene	25.82	276	21608	0.461	ng	100
37) Benzo(b)fluoranthene	22.88	252	18399	0.468	ng	98
38) Benzo(k)fluoranthene	22.93	252	17756	0.450	ng	99
39) Benzo(a)pyrene	23.46	252	15369	0.445	ng	99
40) Dibenzo(a,h)anthracene	25.83	278	18357	0.460	ng	98
41) Benzo(g,h,i)perylene	26.51	276	18299	0.459	ng	99

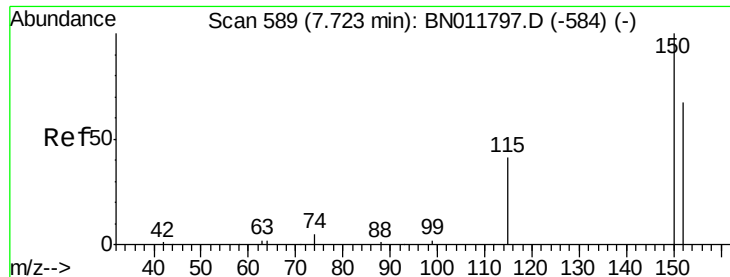
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520

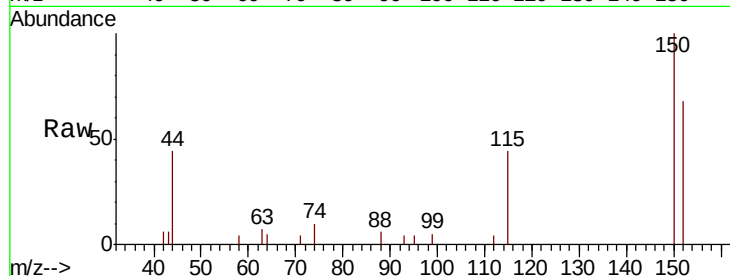
Tot Ion:152 Resp: 1333

Ion Ratio Lower Upper

152 100

150 147.5 118.3 177.5

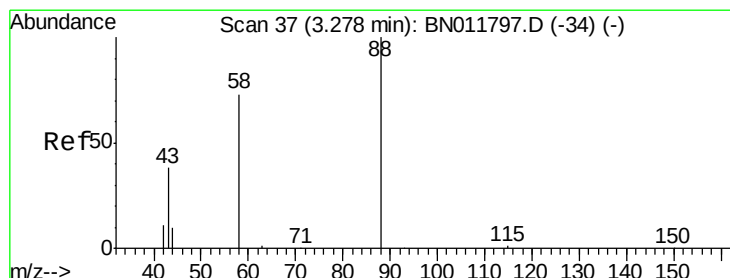
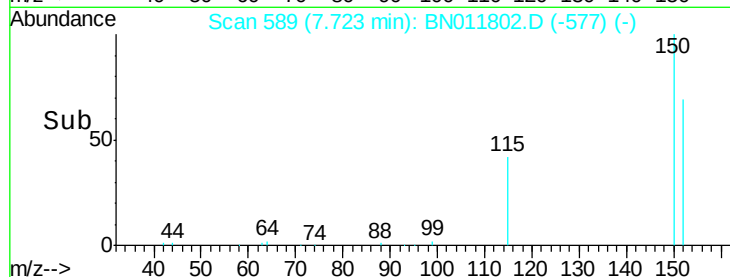
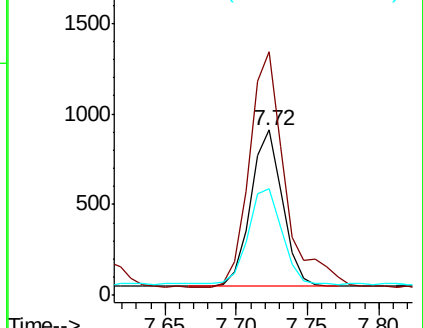
115 64.8 51.3 76.9



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: 0.373 ng

RT: 3.28 min Scan# 37

Delta R.T. 0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

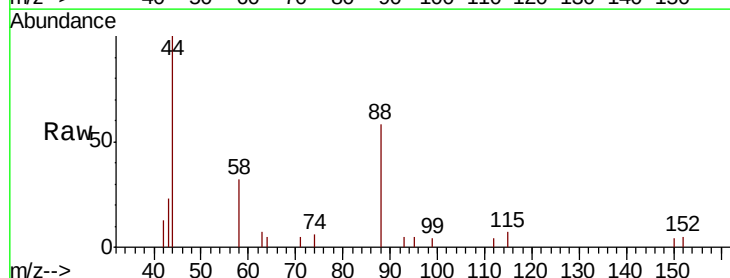
Tgt Ion: 88 Resp: 700

Ion Ratio Lower Upper

88 100

58 74.3 63.3 94.9

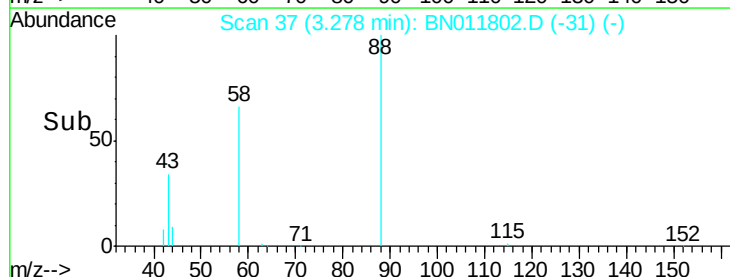
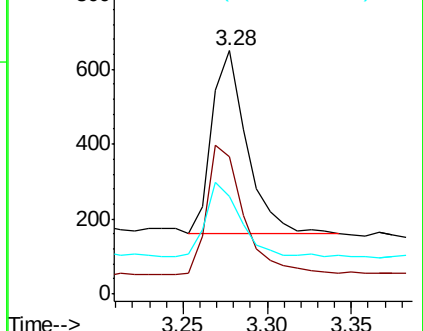
43 39.0 33.0 49.4

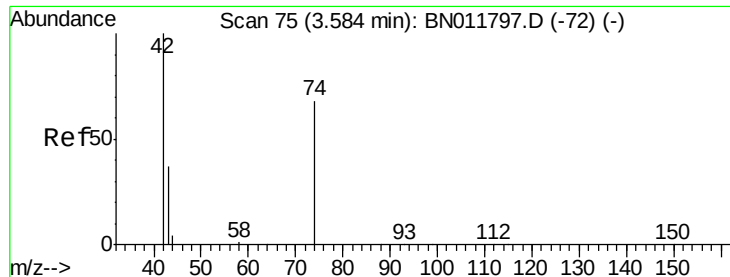


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0

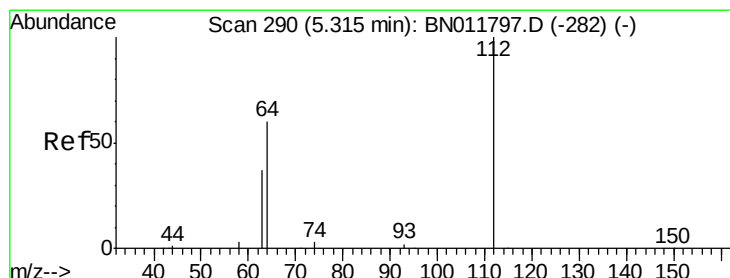
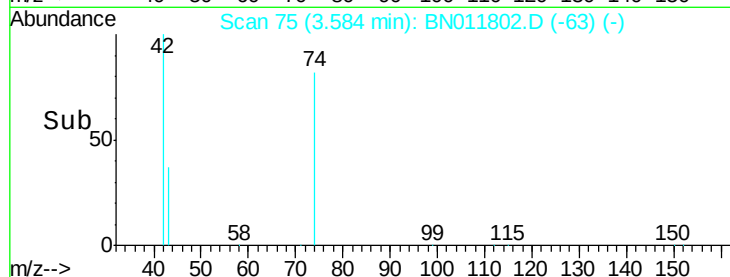
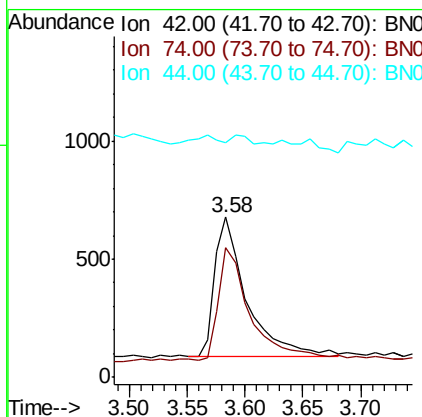
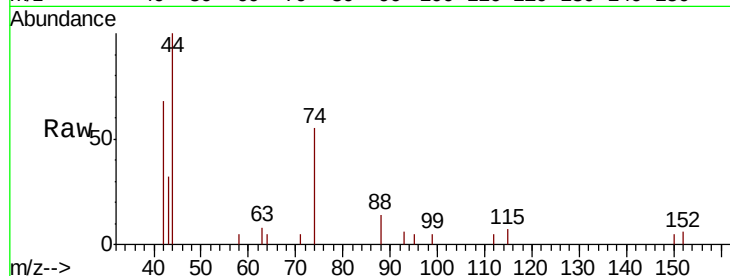




#3
n-Nitrosodimethylamine
Concen: 0.396 ng
RT: 3.58 min Scan# 75
Delta R.T. -0.00 min
Lab File: BN011802.D
Acq: 15 Sep 2020 15:41

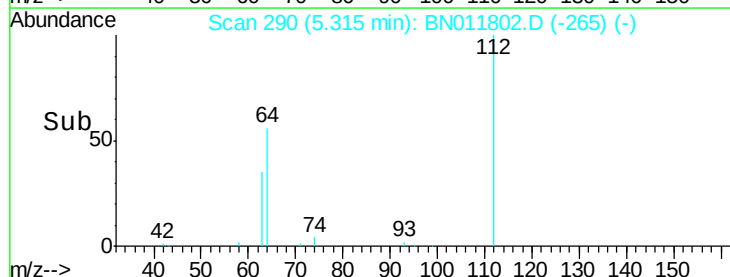
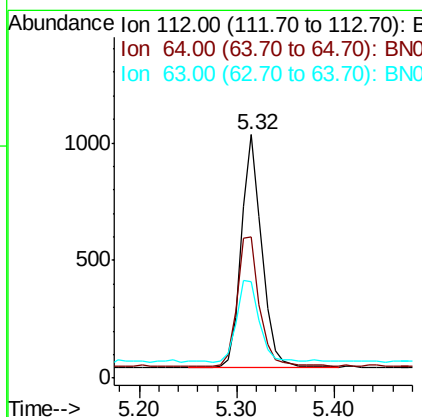
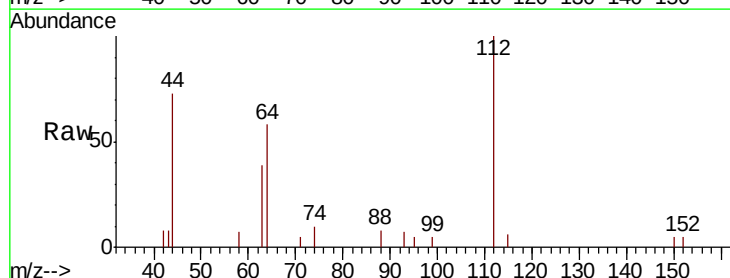
Instrument :
BNA_N
ClientSampleId :
ICVBN091520

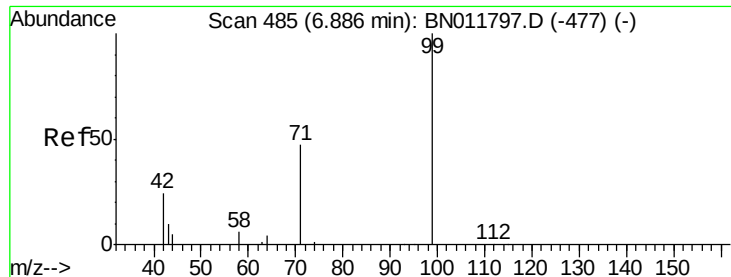
Tot Ion: 42 Resp: 1140
Ion Ratio Lower Upper
42 100
74 81.8 64.4 96.6
44 3.2 6.7 10.1#



#4
2-Fluorophenol
Concen: 0.385 ng
RT: 5.32 min Scan# 290
Delta R.T. -0.00 min
Lab File: BN011802.D
Acq: 15 Sep 2020 15:41

Tgt Ion: 112 Resp: 1422
Ion Ratio Lower Upper
112 100
64 62.4 49.0 73.6
63 39.2 31.8 47.6





#5

Phenol-d6

Concen: 0.381 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520

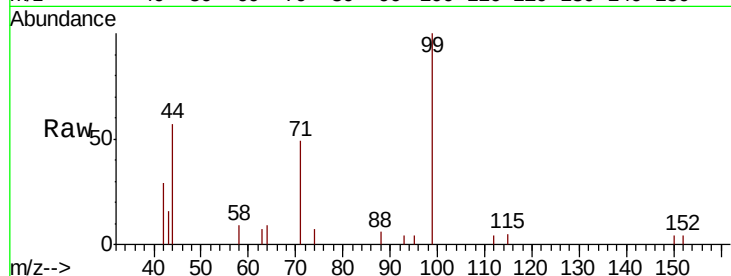
Tot Ion: 99 Resp: 1807

Ion Ratio Lower Upper

99 100

42 29.9 23.4 35.0

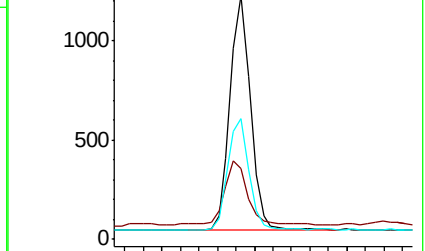
71 48.6 38.1 57.1



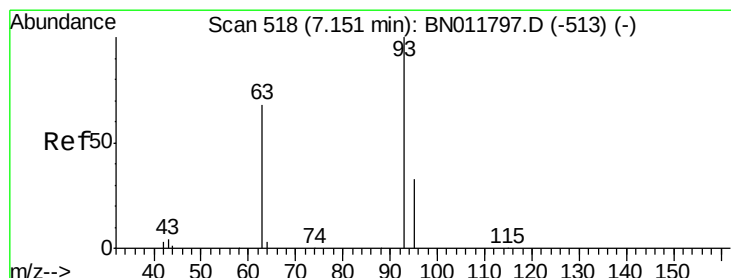
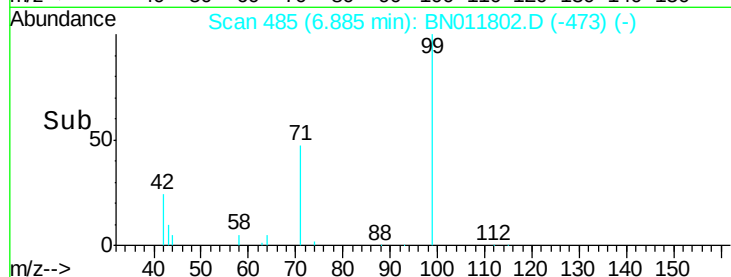
Abundance Ion 99.00 (98.70 to 99.70): BN011802.D (-473) (-)

Ion 42.00 (41.70 to 42.70): BN011802.D (-473) (-)

Ion 71.00 (70.70 to 71.70): BN011802.D (-473) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.389 ng

RT: 7.15 min Scan# 518

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

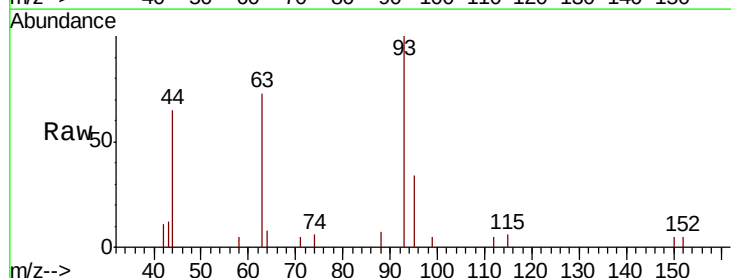
Tgt Ion: 93 Resp: 1505

Ion Ratio Lower Upper

93 100

63 78.9 61.1 91.7

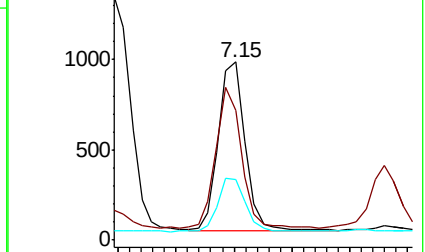
95 32.0 25.5 38.3



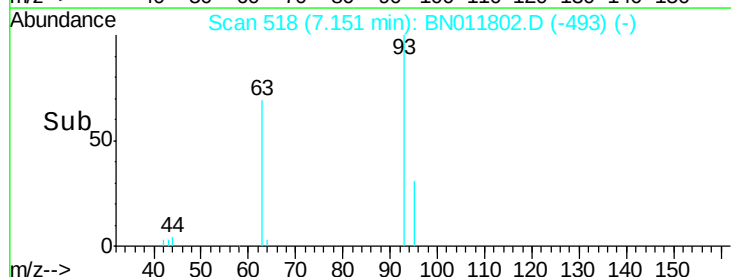
Abundance Ion 93.00 (92.70 to 93.70): BN011802.D (-493) (-)

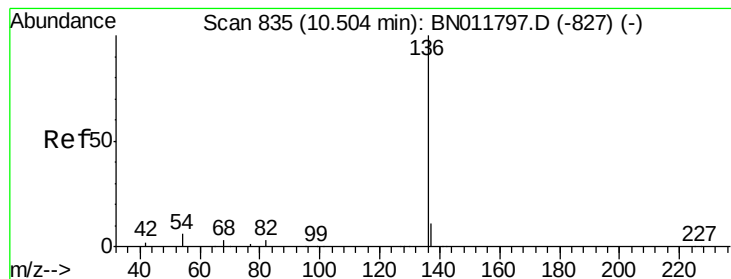
Ion 63.00 (62.70 to 63.70): BN011802.D (-493) (-)

Ion 95.00 (94.70 to 95.70): BN011802.D (-493) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520

Tot Ion:136 Resp: 4638

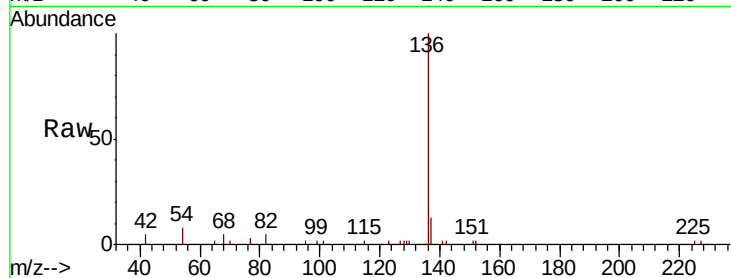
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 7.9 5.6 8.4

68 5.2 3.2 4.8#

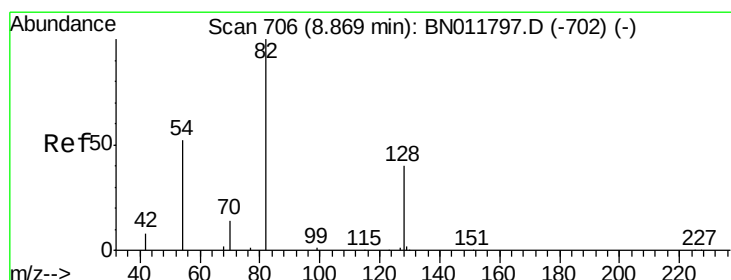
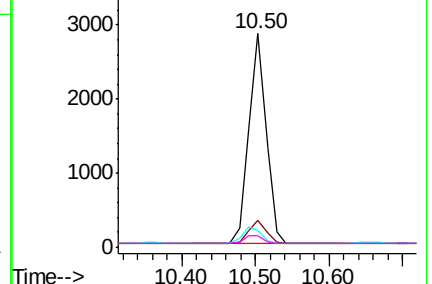
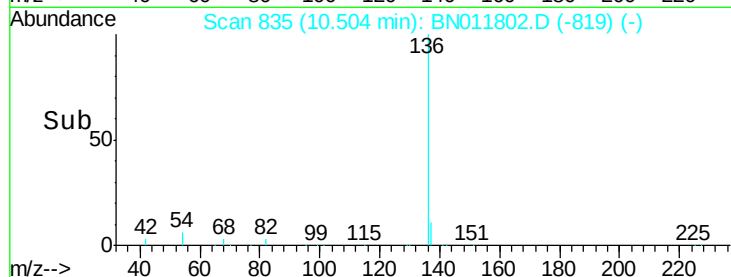


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.385 ng

RT: 8.87 min Scan# 706

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

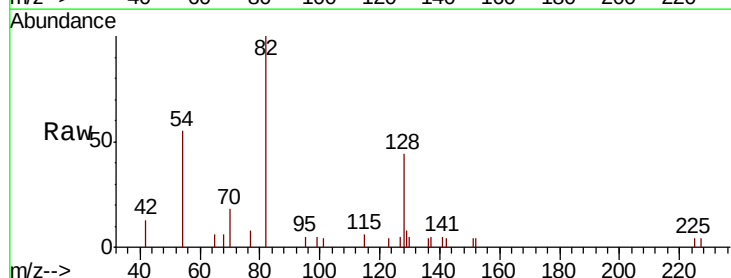
Tgt Ion: 82 Resp: 1966

Ion Ratio Lower Upper

82 100

128 44.2 34.2 51.2

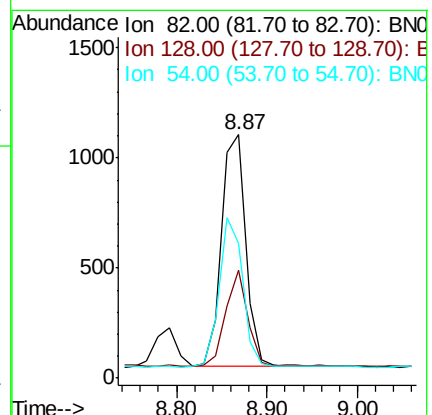
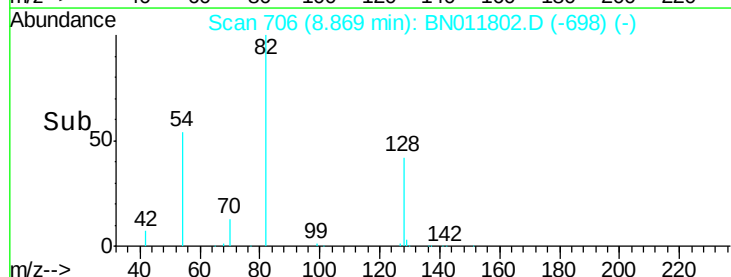
54 55.2 43.1 64.7

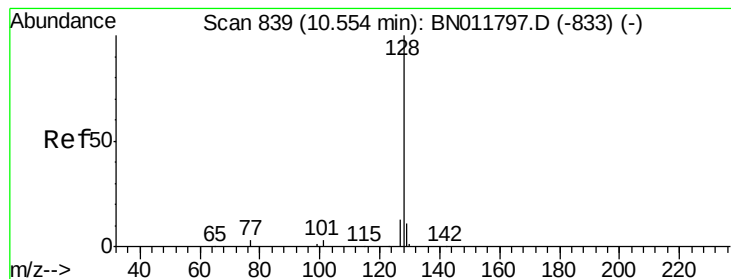


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.386 ng

RT: 10.55 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520

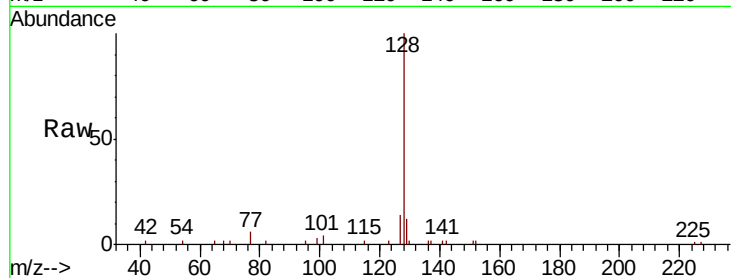
Tot Ion:128 Resp: 5133

Ion Ratio Lower Upper

128 100

129 12.2 9.7 14.5

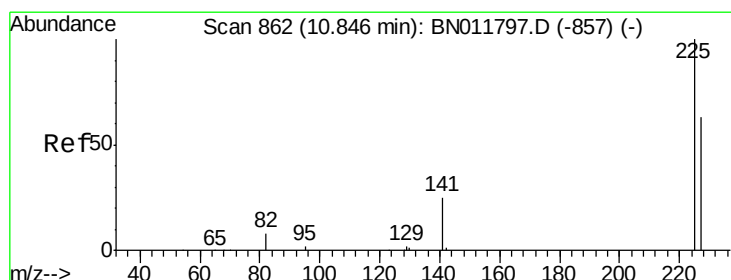
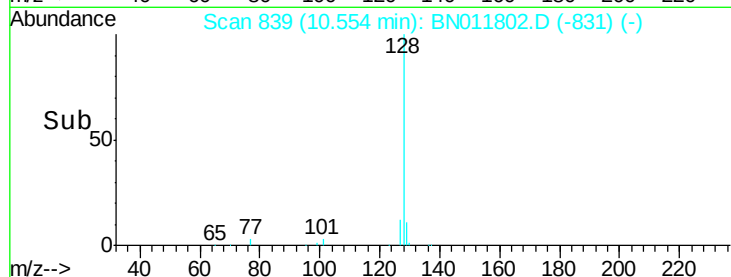
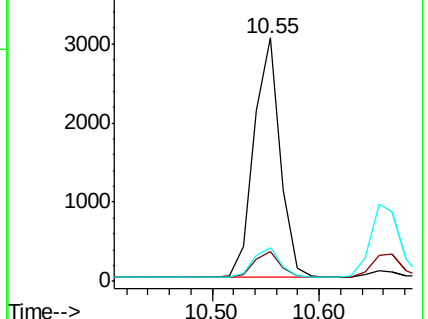
127 13.8 11.0 16.4



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: 0.390 ng

RT: 10.85 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

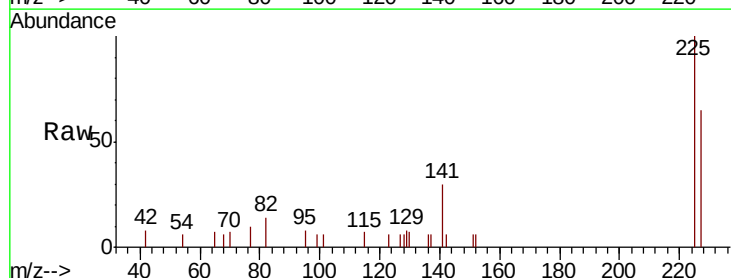
Tgt Ion:225 Resp: 1251

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

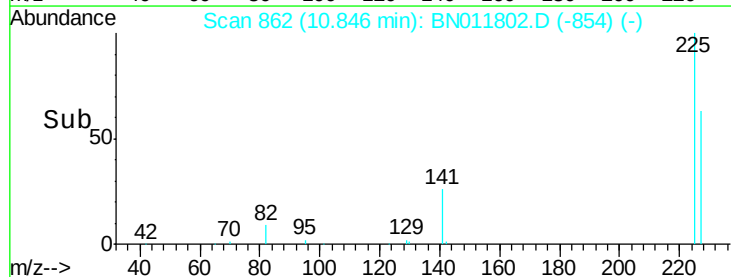
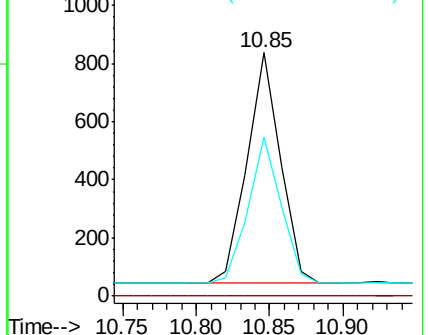
227 62.1 51.9 77.9

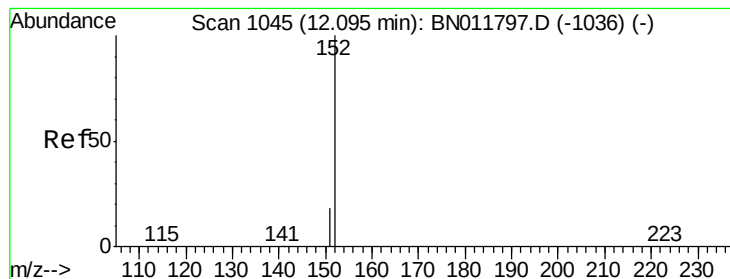


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.385 ng

RT: 12.10 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

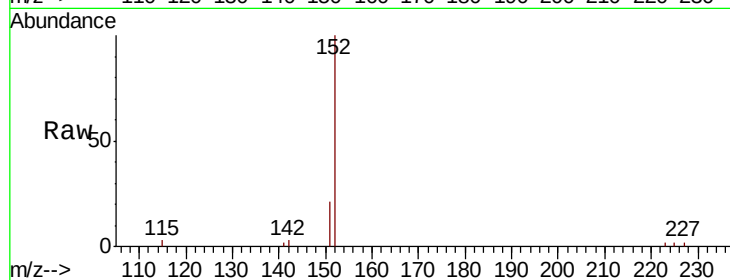
ICVBN091520

Tot Ion:152 Resp: 3354

Ion Ratio Lower Upper

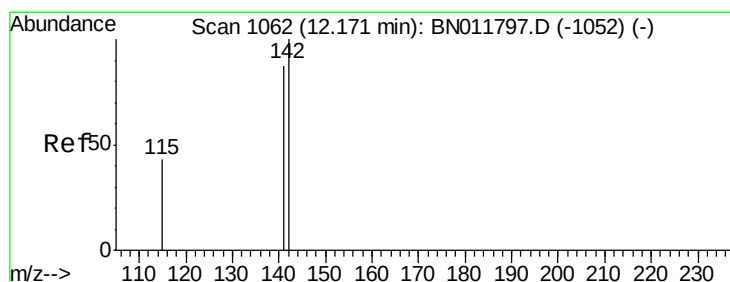
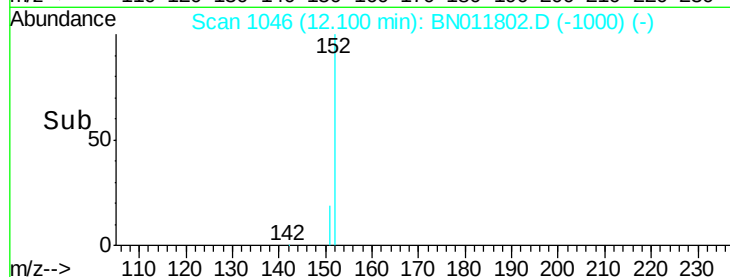
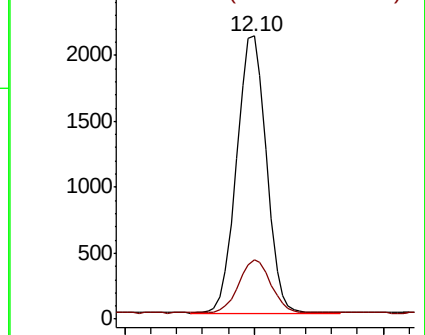
152 100

151 20.6 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.380 ng

RT: 12.17 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

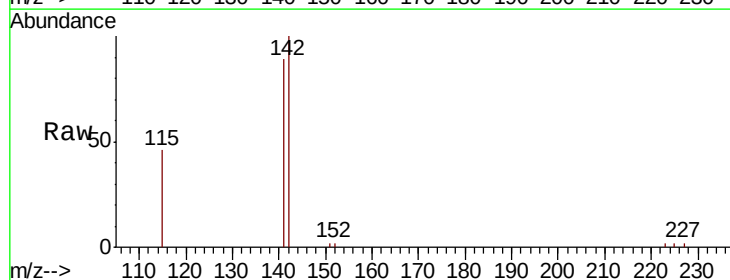
Tgt Ion:142 Resp: 3623

Ion Ratio Lower Upper

142 100

141 88.7 70.0 105.0

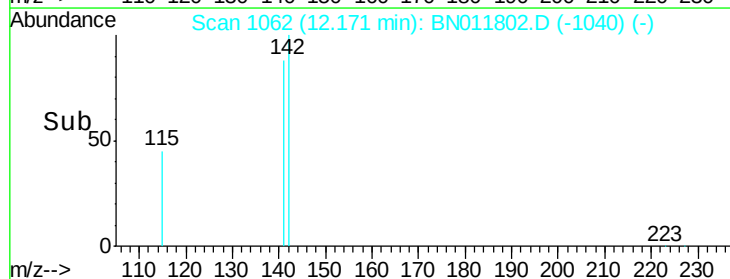
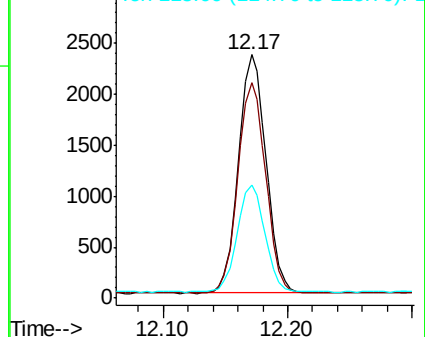
115 46.5 35.8 53.6

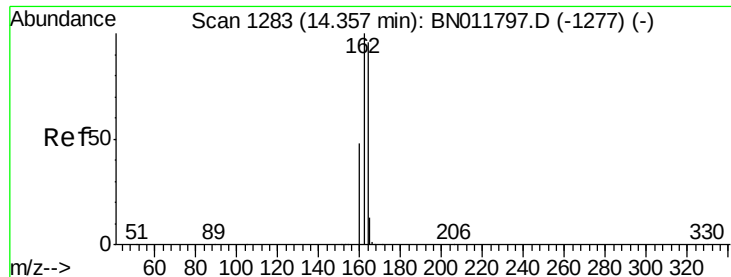


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520

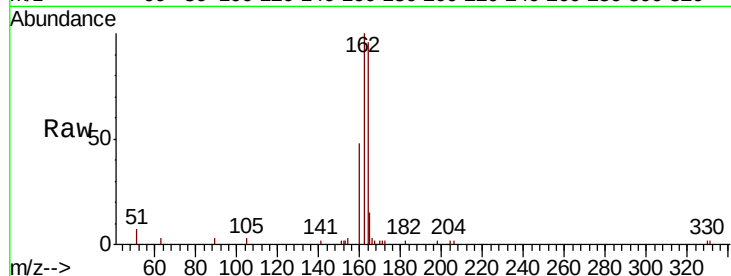
Tot Ion:164 Resp: 2815

Ion Ratio Lower Upper

164 100

162 104.6 83.6 125.4

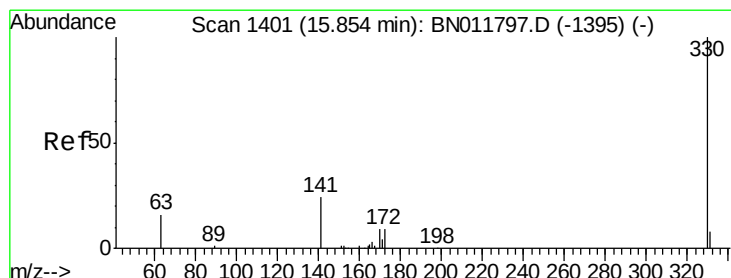
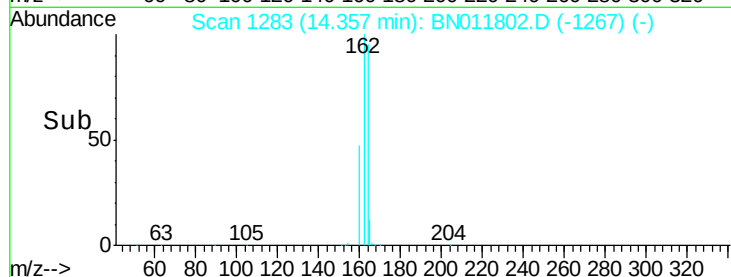
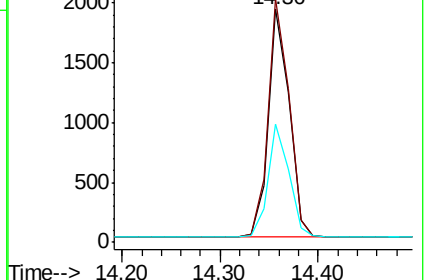
160 50.5 41.2 61.8



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: BN011802.D

Acq: 15 Sep 2020 15:41

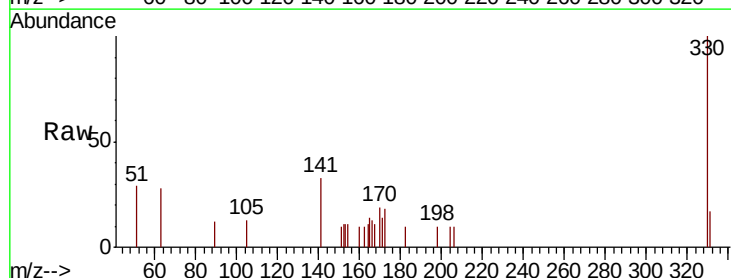
Tgt Ion:330 Resp: 572

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

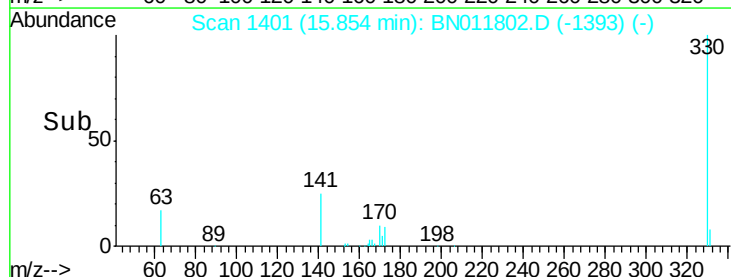
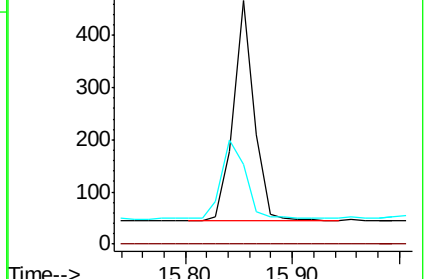
141 40.4 33.7 50.5

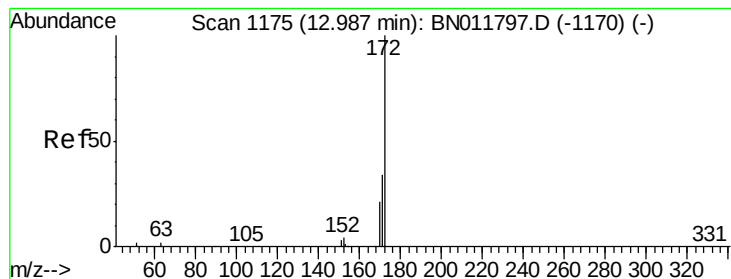


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.388 ng

RT: 12.99 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520

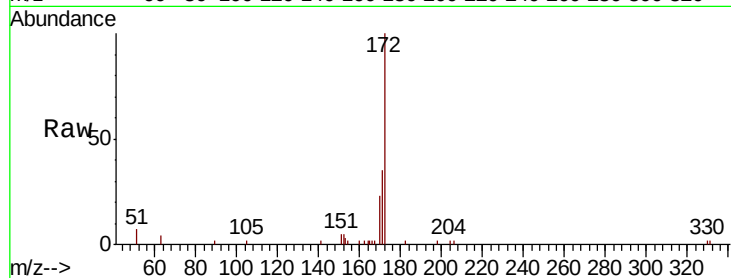
Tot Ion:172 Resp: 4890

Ion Ratio Lower Upper

172 100

171 34.9 27.4 41.2

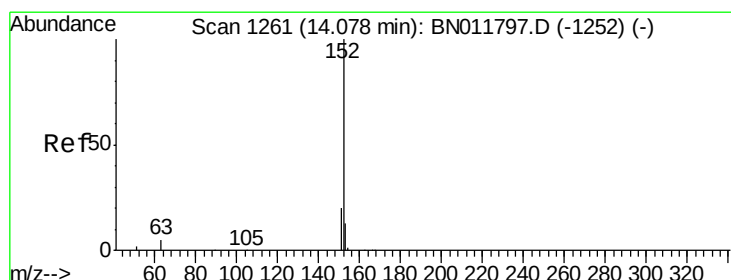
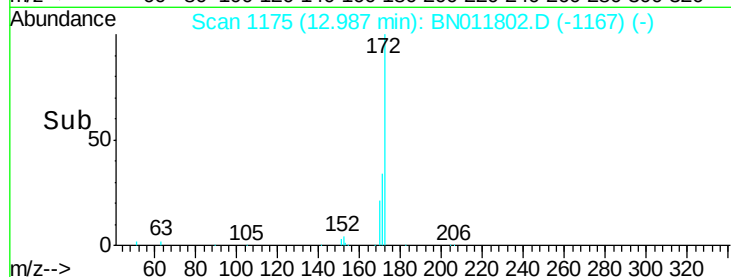
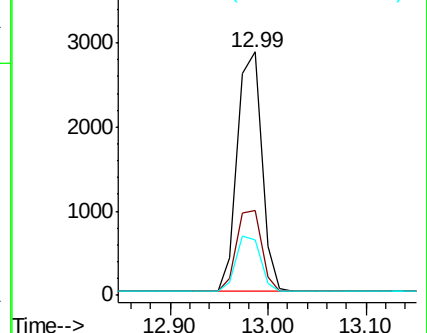
170 22.7 17.8 26.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.367 ng

RT: 14.08 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

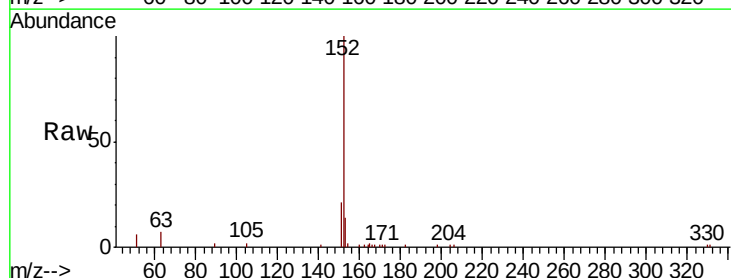
Tgt Ion:152 Resp: 5156

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

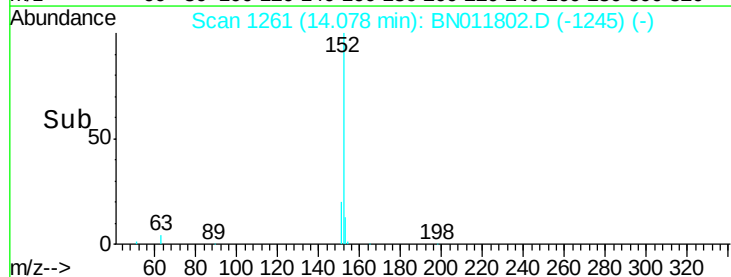
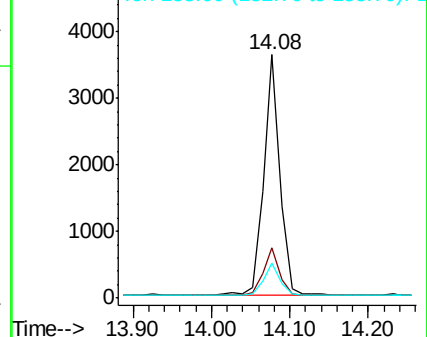
153 13.5 10.5 15.7

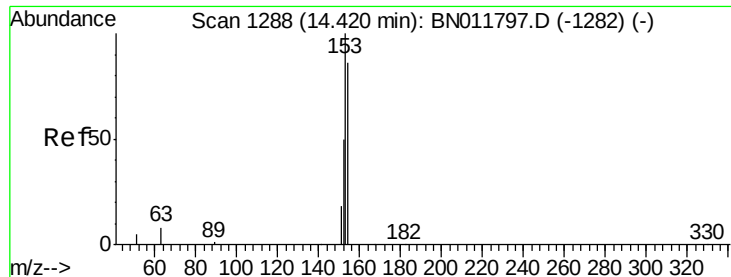


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.381 ng

RT: 14.42 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520

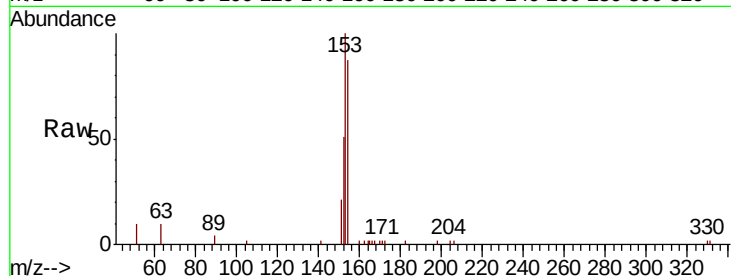
Tot Ion:154 Resp: 3786

Ion Ratio Lower Upper

154 100

153 104.4 83.4 125.2

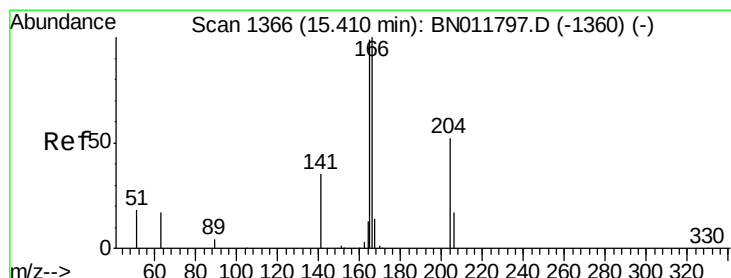
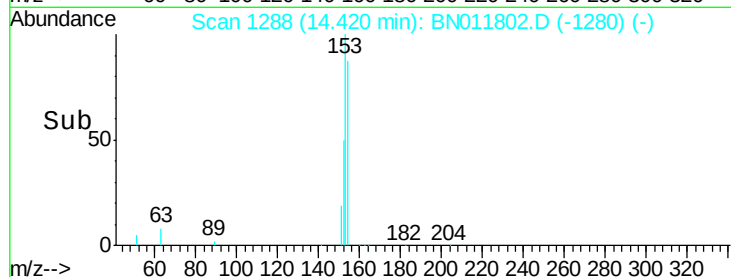
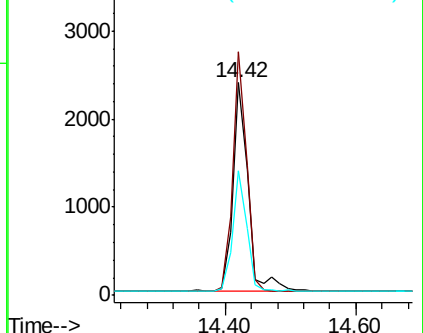
152 53.2 42.8 64.2



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: 0.375 ng

RT: 15.41 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

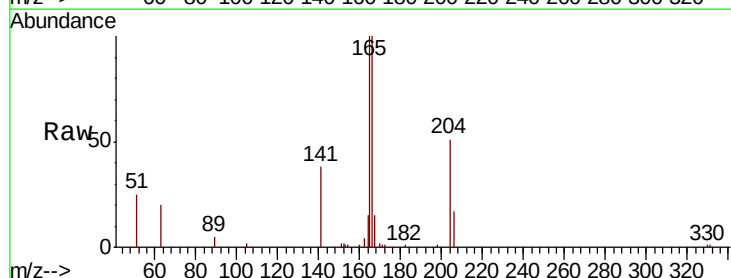
Tgt Ion:166 Resp: 4693

Ion Ratio Lower Upper

166 100

165 97.5 78.8 118.2

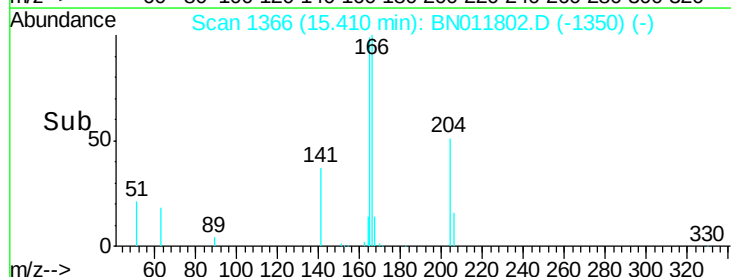
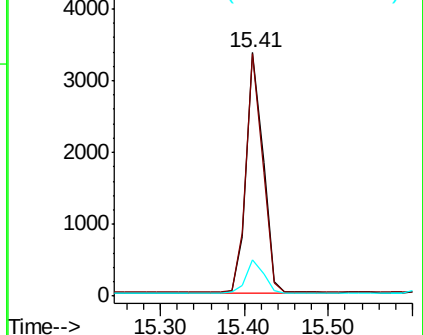
167 13.9 11.2 16.8

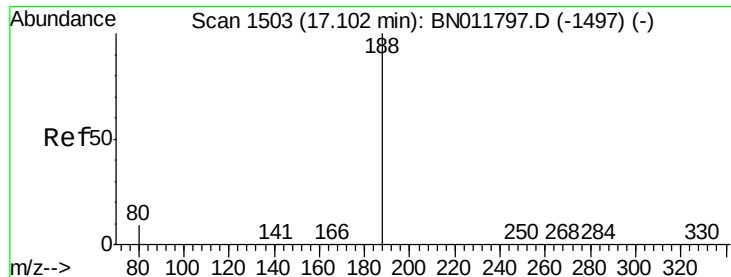


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.11 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520

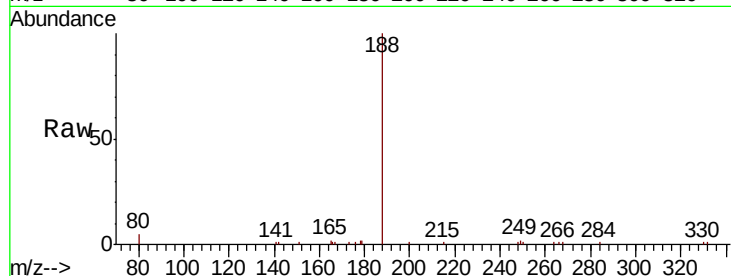
Tot Ion:188 Resp: 6499

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 5.1 7.7 11.5#

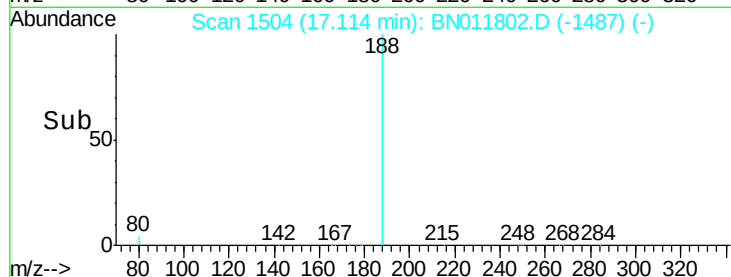


Abundance Ion 188.00 (187.70 to 188.70): E

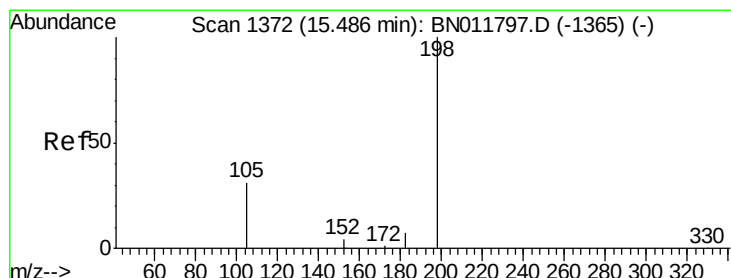
Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

Time-->



Time-->



#20

4,6-Dinitro-2-methylphenol

Concen: 0.456 ng

RT: 15.49 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

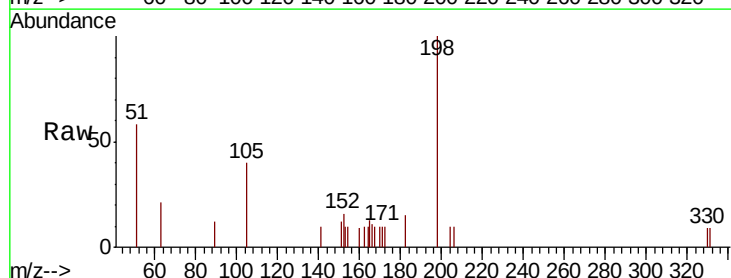
Tgt Ion:198 Resp: 666

Ion Ratio Lower Upper

198 100

51 58.2 45.0 67.4

105 40.3 30.4 45.6

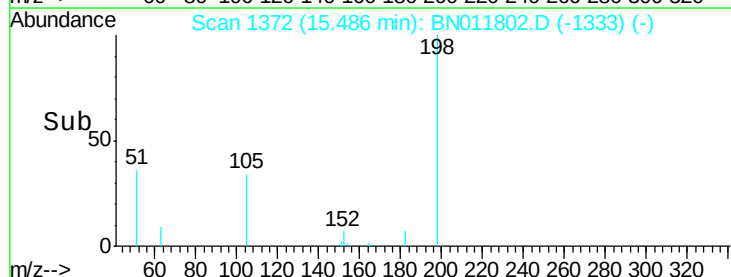


Abundance Ion 198.00 (197.70 to 198.70): E

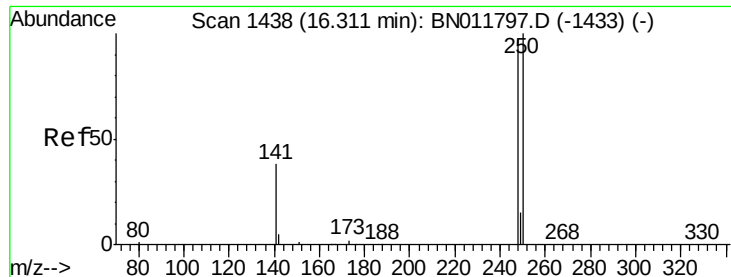
Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

Time-->



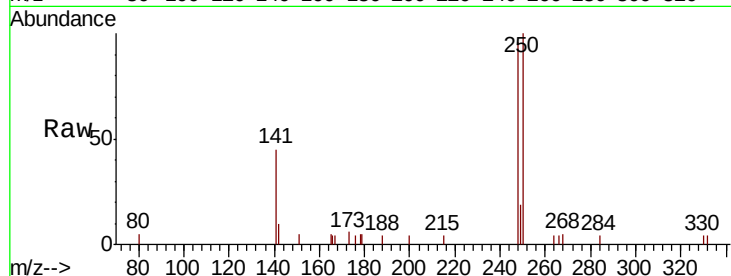
Time-->



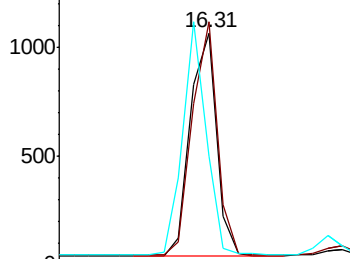
#21
4-Bromophenyl-phenylether
Concen: 0.368 ng
RT: 16.31 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BN011802.D
Acq: 15 Sep 2020 15:41

Instrument :
BNA_N
ClientSampleId :
ICVBN091520

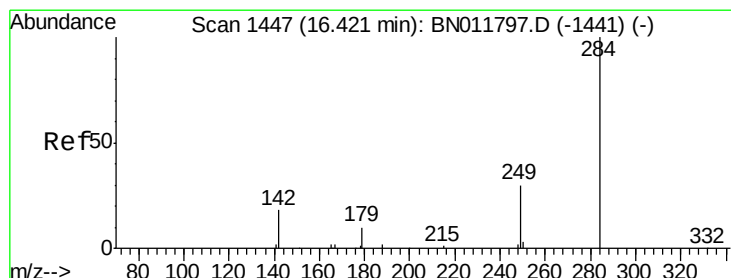
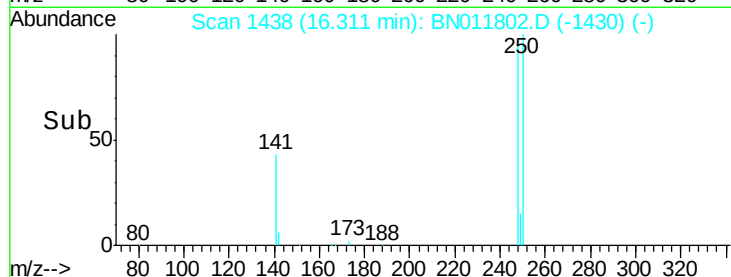
Tot Ion:248 Resp: 1515
Ion Ratio Lower Upper
248 100
250 104.7 82.7 124.1
141 47.3 33.7 50.5



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

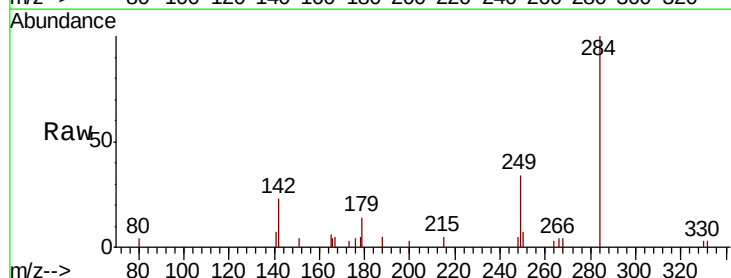


Time--> 16.20 16.30 16.40

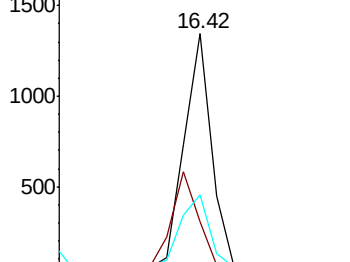


#22
Hexachlorobenzene
Concen: 0.374 ng
RT: 16.42 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN011802.D
Acq: 15 Sep 2020 15:41

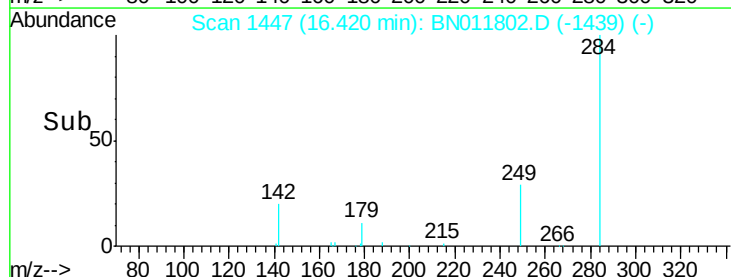
Tgt Ion:284 Resp: 1804
Ion Ratio Lower Upper
284 100
142 40.9 32.4 48.6
249 34.3 26.8 40.2

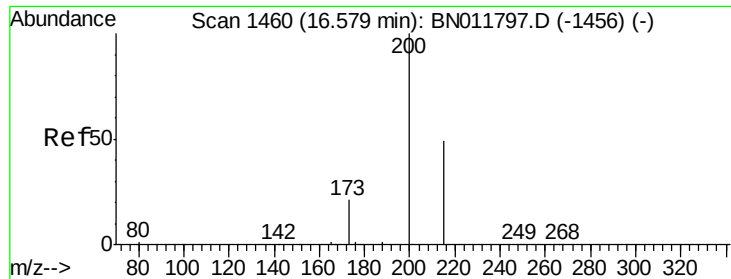


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time--> 16.40 16.50

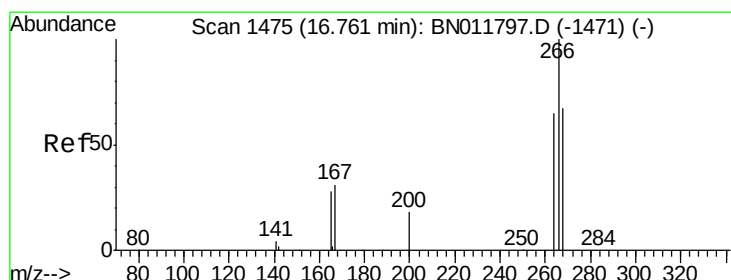
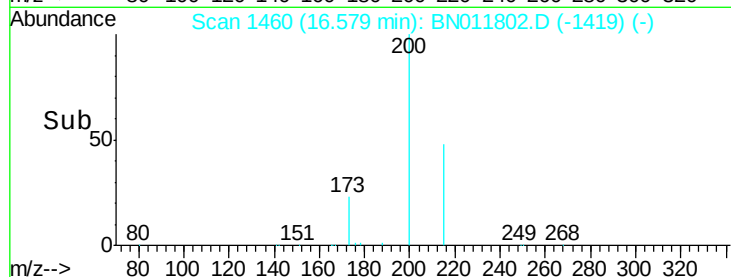
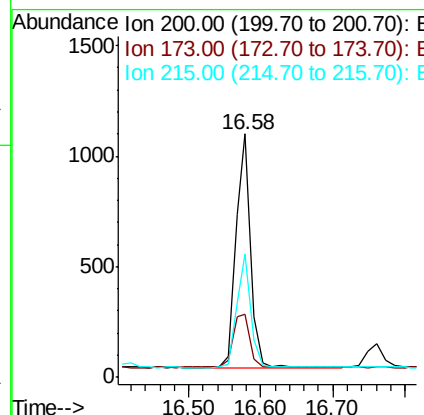
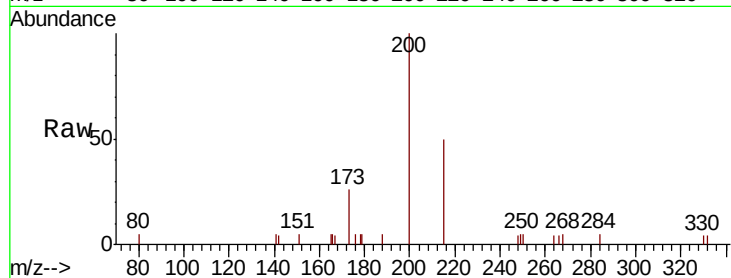




#23
Atrazine
Concen: 0.401 ng
RT: 16.58 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BN011802.D
Acq: 15 Sep 2020 15:41

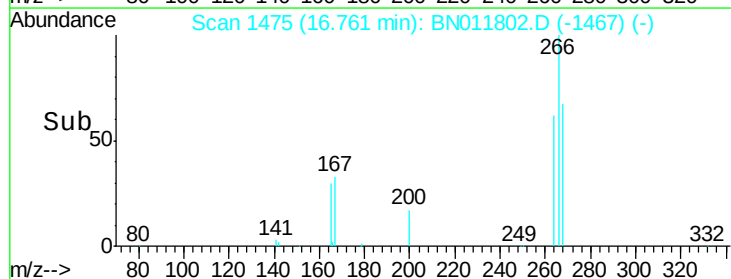
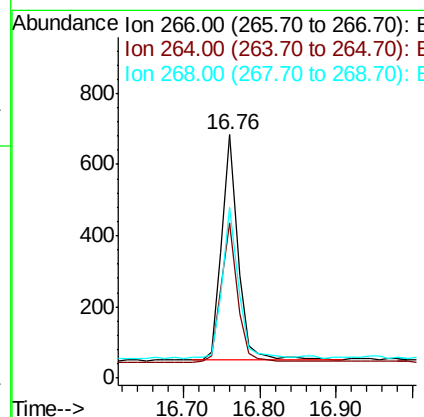
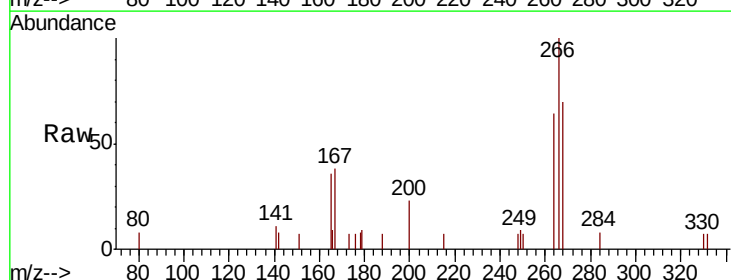
Instrument :
BNA_N
ClientSampleId :
ICVBN091520

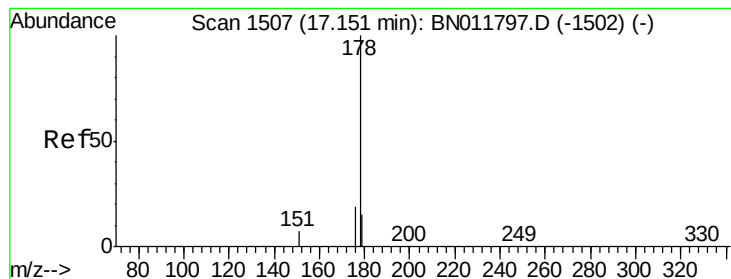
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	18.7	28.1
215	50.4	40.2	60.4



#24
Pentachlorophenol
Concen: 0.470 ng
RT: 16.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BN011802.D
Acq: 15 Sep 2020 15:41

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.4	51.2	76.8
268	64.3	52.4	78.6





#25

Phenanthrene

Concen: 0.378 ng

RT: 17.15 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520

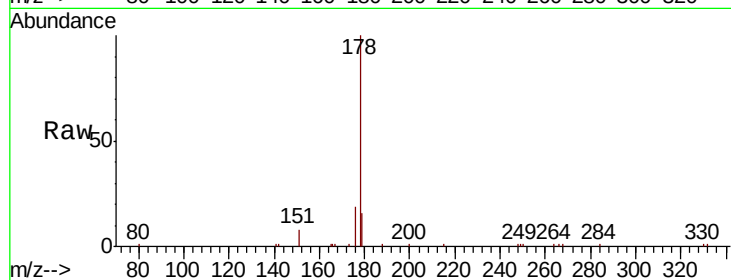
Tot Ion:178 Resp: 8004

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

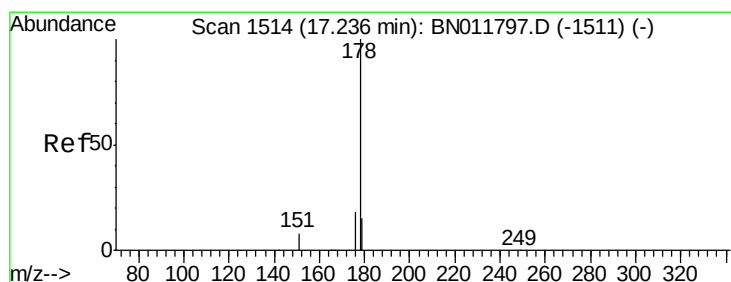
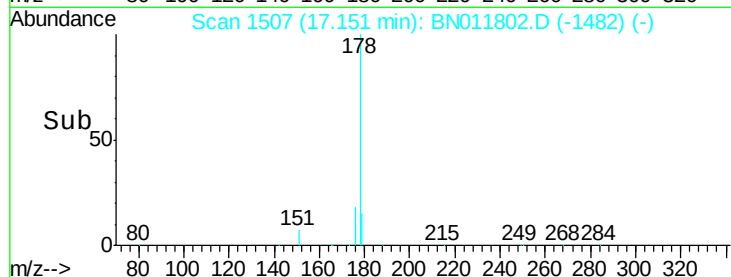
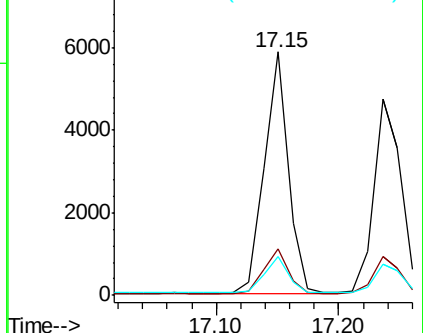
179 15.1 12.3 18.5



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: 0.386 ng

RT: 17.24 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

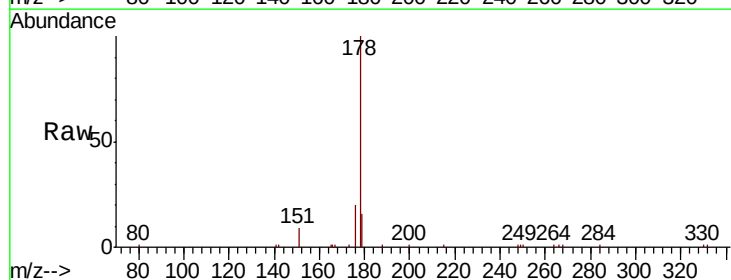
Tgt Ion:178 Resp: 7336

Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

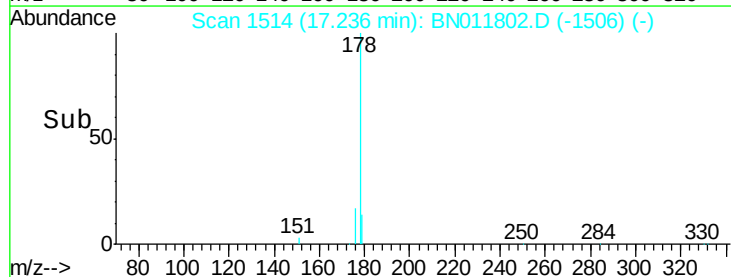
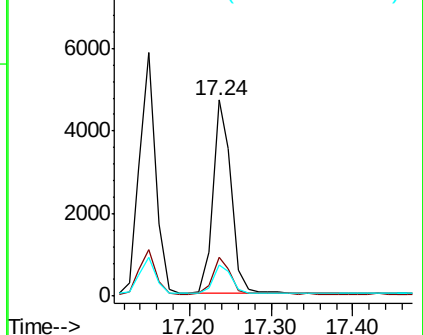
179 15.0 12.4 18.6

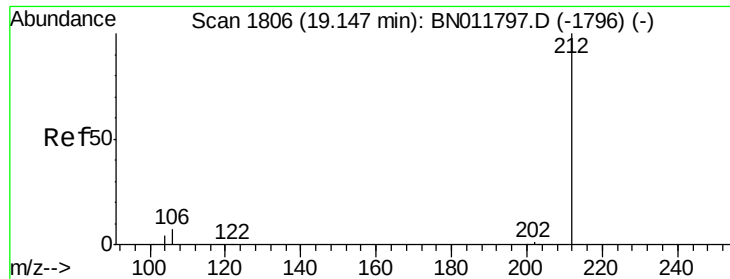


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

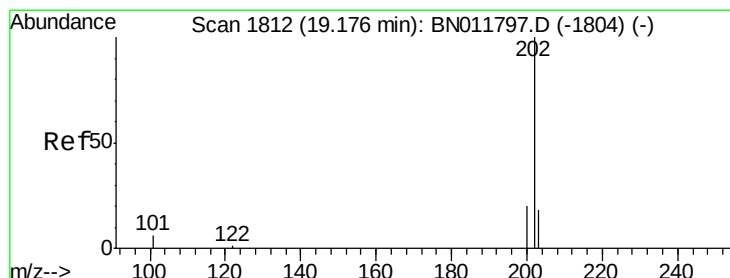
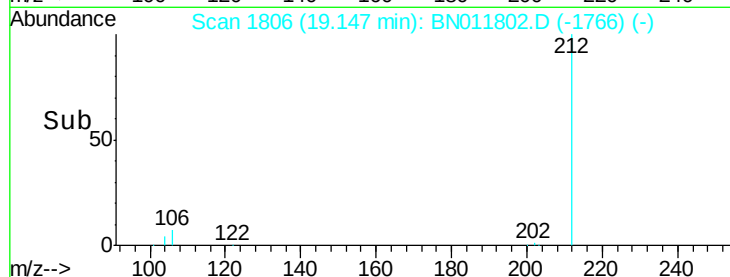
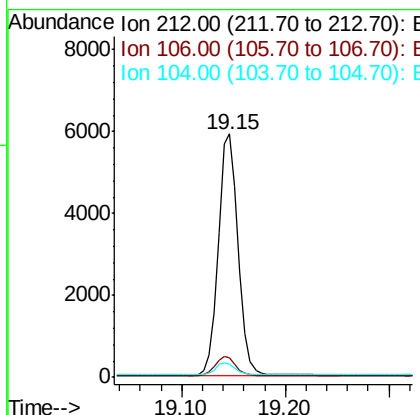
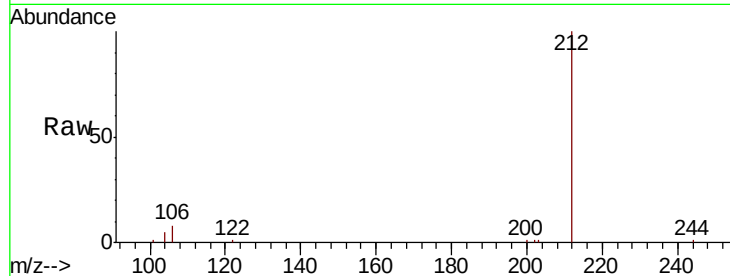




#27
 Fluoranthene-d10
 Concen: 0.367 ng
 RT: 19.15 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BN011802.D
 Acq: 15 Sep 2020 15:41

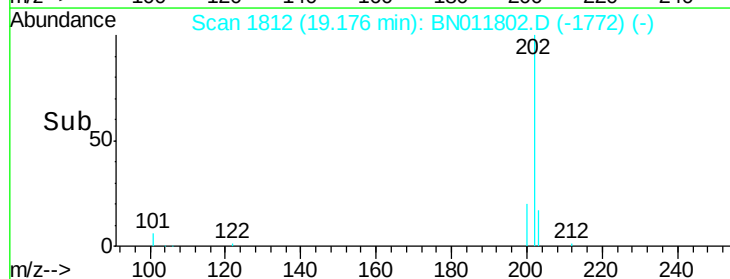
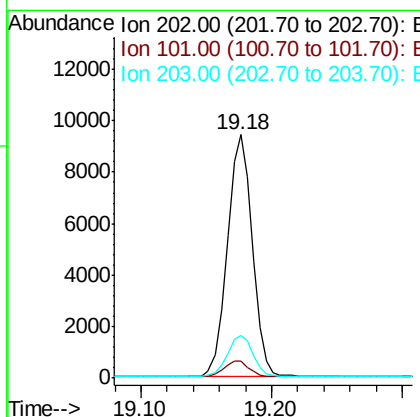
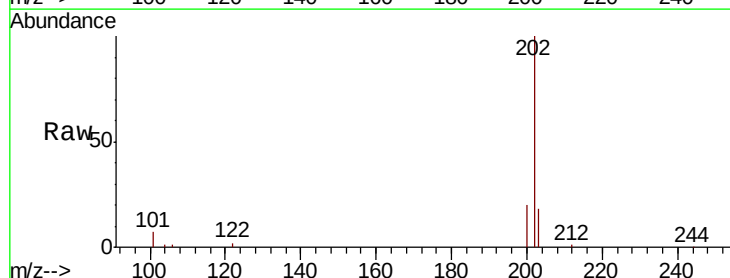
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN091520

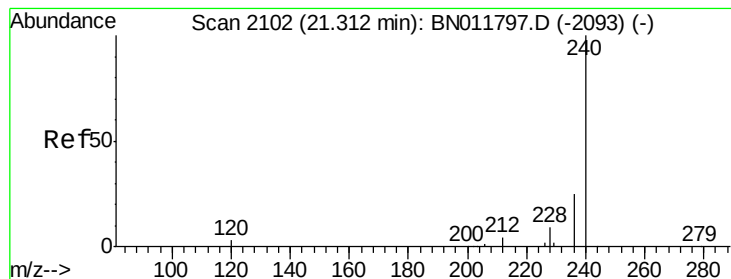
Tot Ion:212 Resp: 7784
 Ion Ratio Lower Upper
 212 100
 106 7.9 6.4 9.6
 104 4.7 3.9 5.9



#28
 Fluoranthene
 Concen: 0.475 ng
 RT: 19.18 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BN011802.D
 Acq: 15 Sep 2020 15:41

Tgt Ion:202 Resp: 12535
 Ion Ratio Lower Upper
 202 100
 101 6.8 5.4 8.2
 203 17.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520

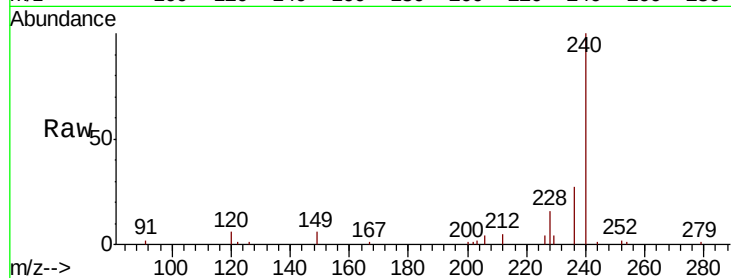
Tot Ion:240 Resp: 9335

Ion Ratio Lower Upper

240 100

120 5.5 3.5 5.3#

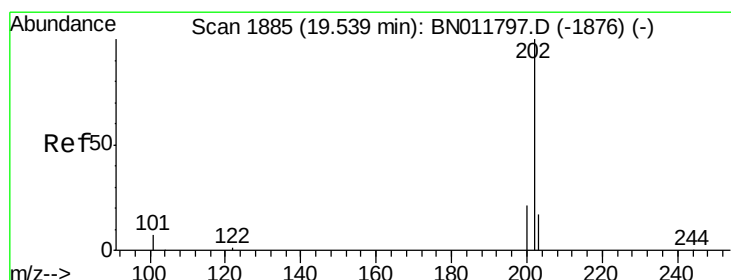
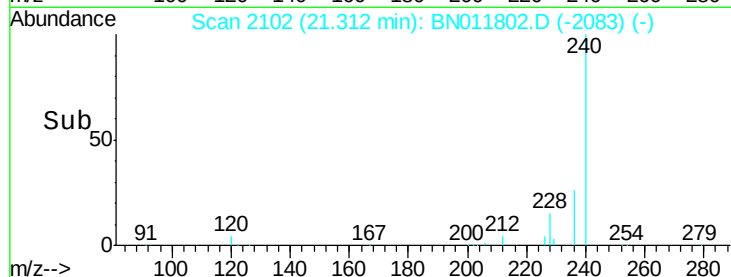
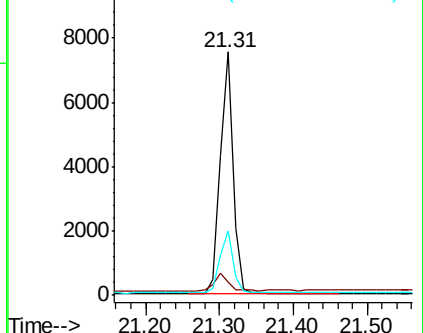
236 26.6 20.5 30.7



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: 0.394 ng

RT: 19.54 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

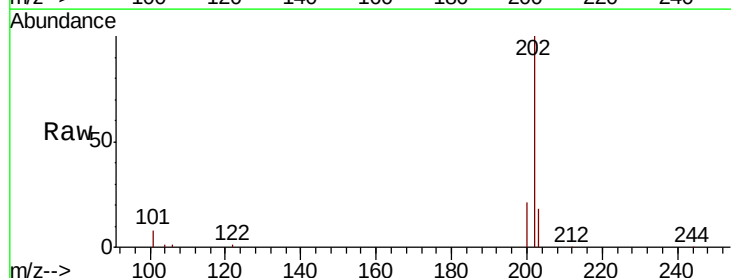
Tgt Ion:202 Resp: 13031

Ion Ratio Lower Upper

202 100

200 20.8 16.5 24.7

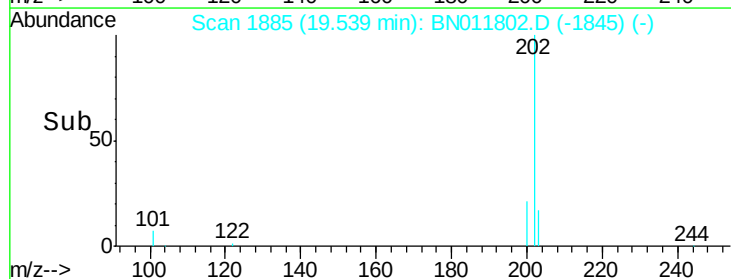
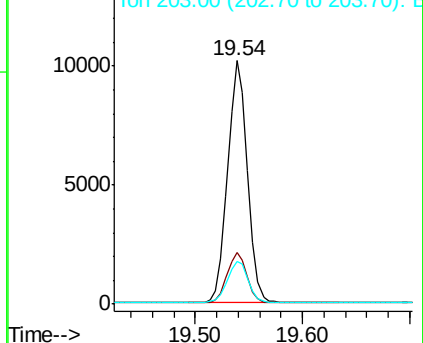
203 17.7 13.9 20.9

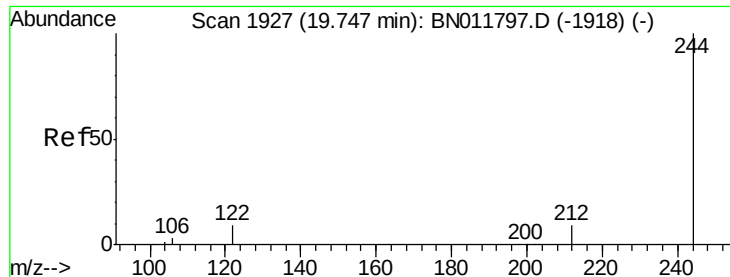


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.616 ng

RT: 19.75 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520

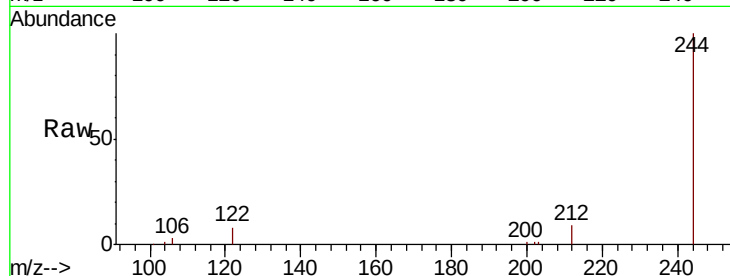
Tot Ion:244 Resp: 15674

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

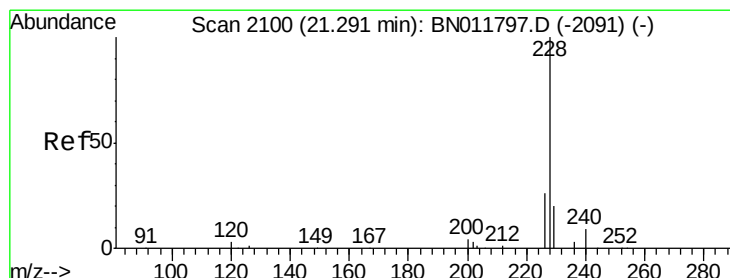
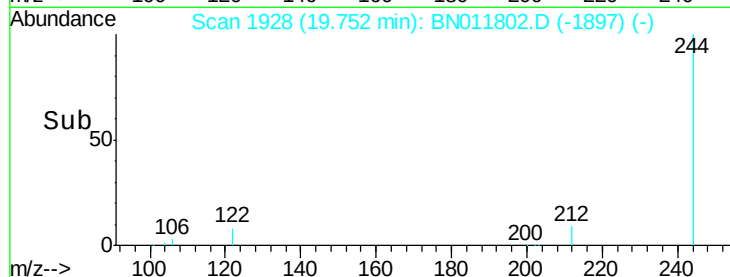
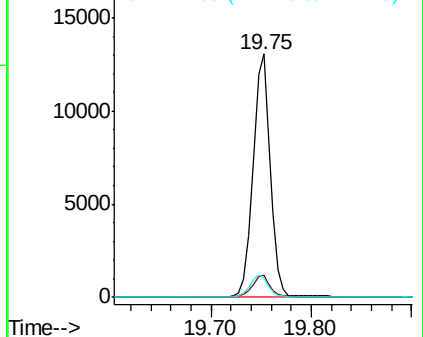
122 8.3 7.8 11.6



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: 0.456 ng

RT: 21.29 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

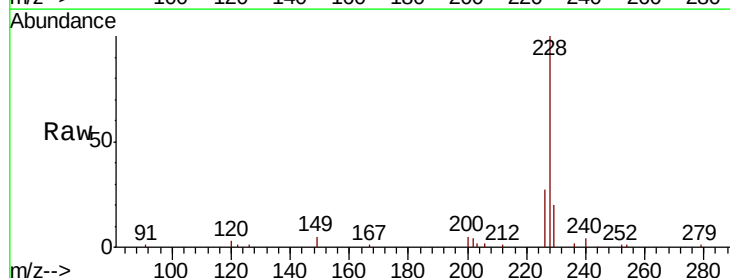
Tgt Ion:228 Resp: 15542

Ion Ratio Lower Upper

228 100

226 27.0 21.0 31.4

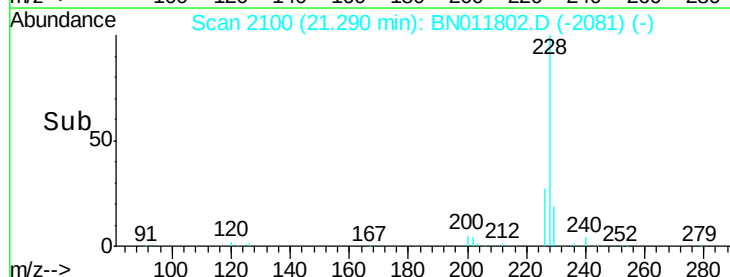
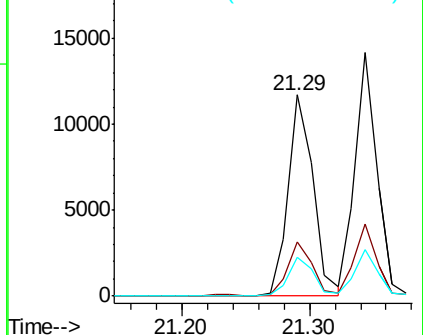
229 19.5 16.0 24.0

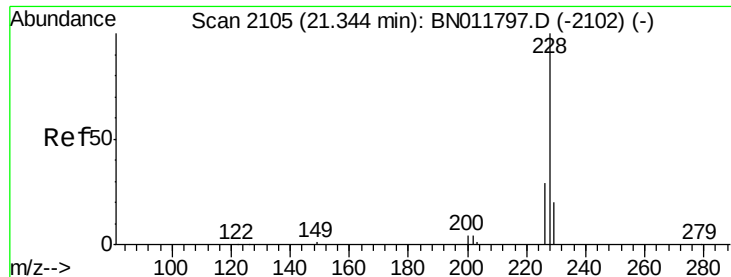


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.466 ng

RT: 21.34 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520

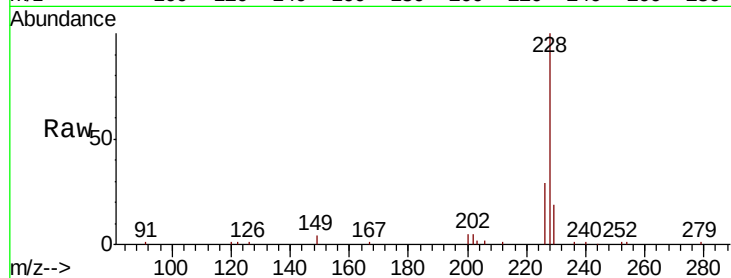
Tot Ion:228 Resp: 16624

Ion Ratio Lower Upper

228 100

226 29.4 23.3 34.9

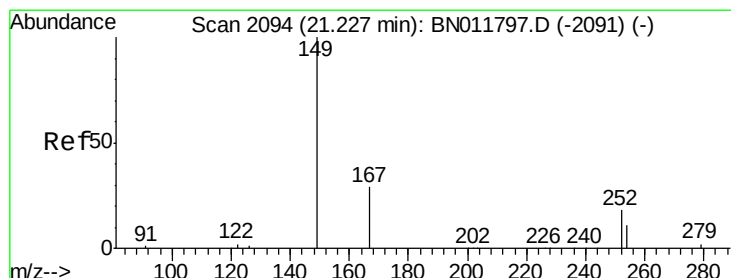
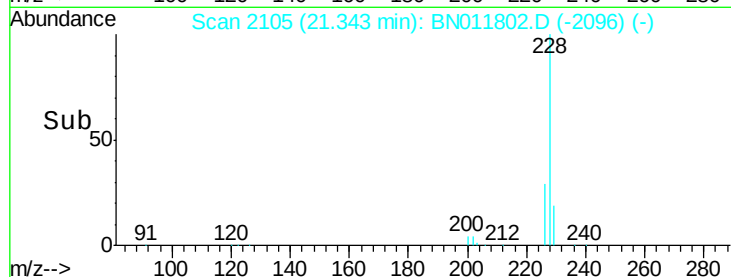
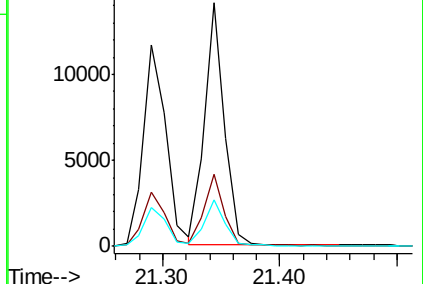
229 19.3 15.8 23.8



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: 0.439 ng

RT: 21.24 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

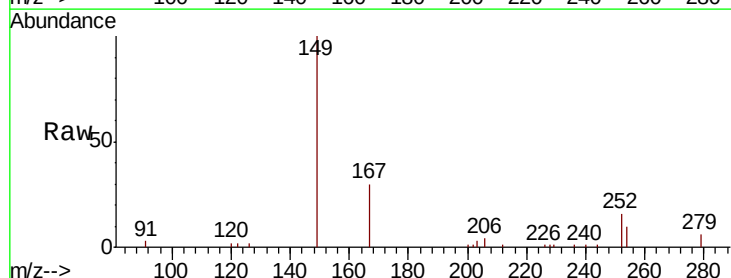
Tgt Ion:149 Resp: 6690

Ion Ratio Lower Upper

149 100

167 29.4 23.6 35.4

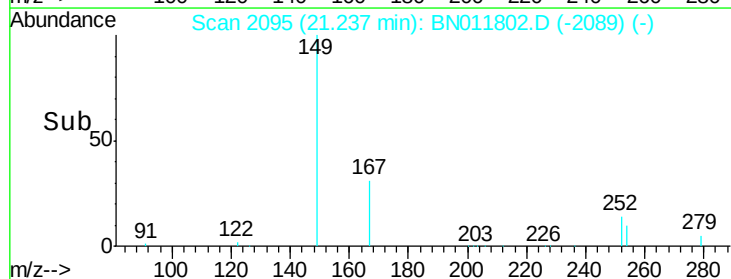
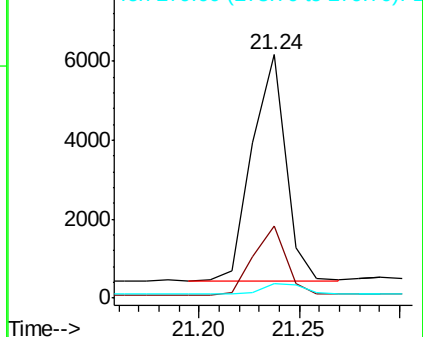
279 5.0 4.0 6.0

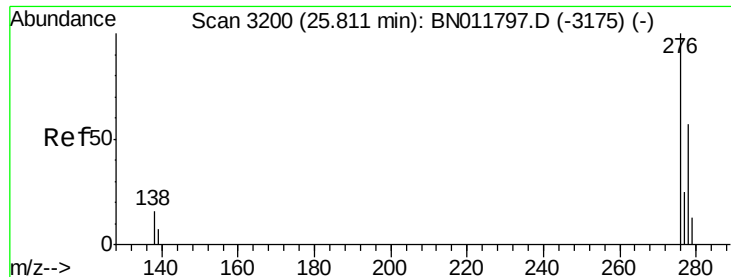


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

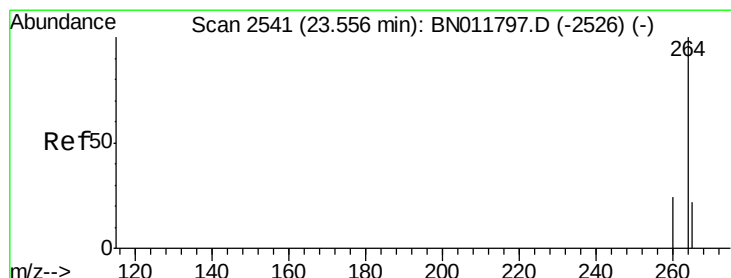
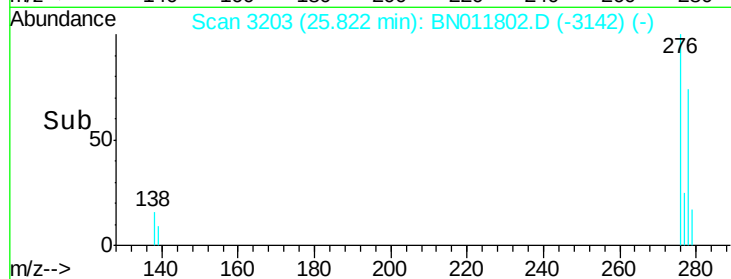
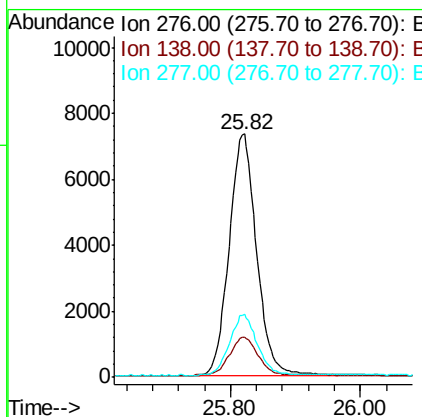
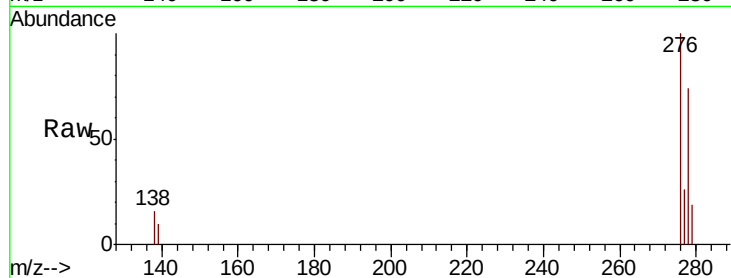




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.461 ng
 RT: 25.82 min Scan# 3203
 Delta R.T. 0.01 min
 Lab File: BN011802.D
 Acq: 15 Sep 2020 15:41

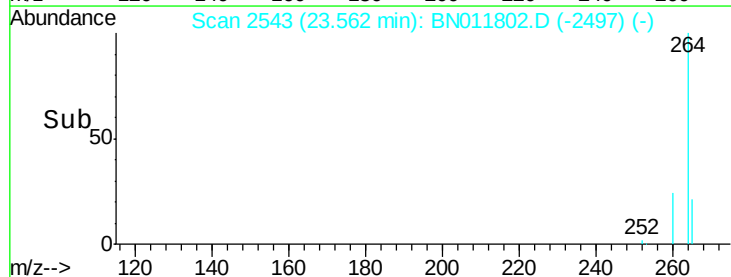
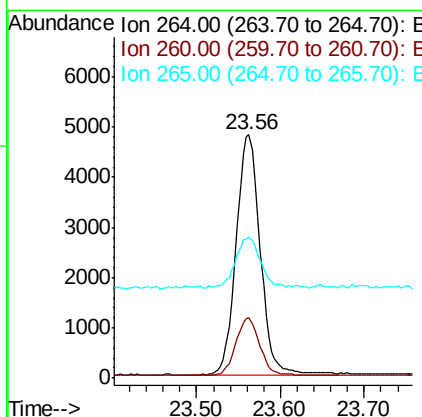
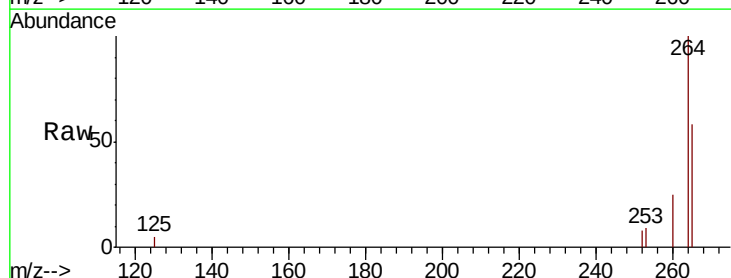
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN091520

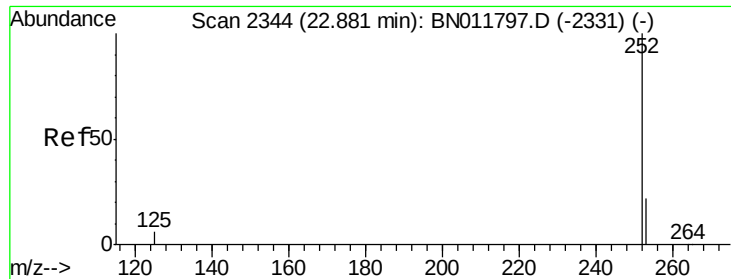
Tot Ion:276 Resp: 21608
 Ion Ratio Lower Upper
 276 100
 138 16.1 13.0 19.4
 277 25.0 20.0 30.0



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.56 min Scan# 2543
 Delta R.T. 0.01 min
 Lab File: BN011802.D
 Acq: 15 Sep 2020 15:41

Tgt Ion:264 Resp: 9539
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 58.2 38.6 58.0#

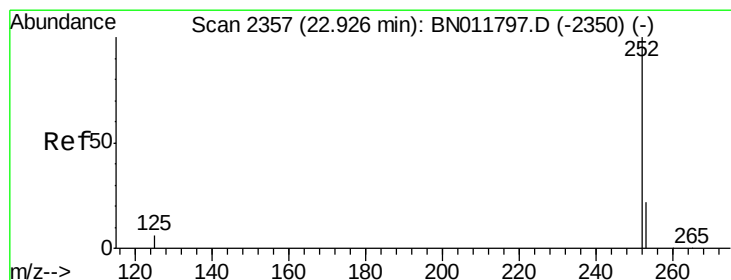
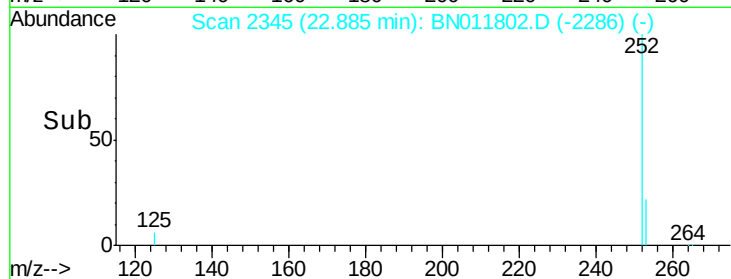
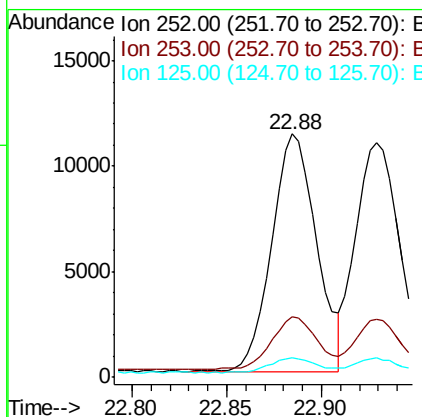
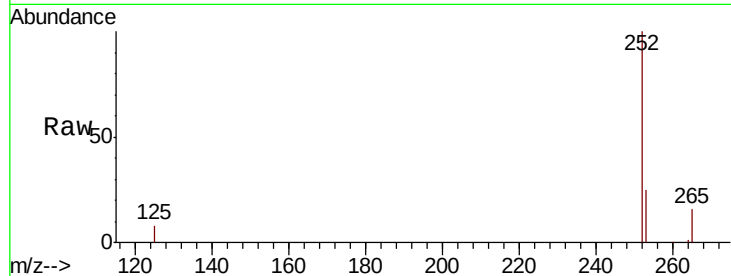




#37
Benzo(b)fluoranthene
Concen: 0.468 ng
RT: 22.88 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BN011802.D
Acq: 15 Sep 2020 15:41

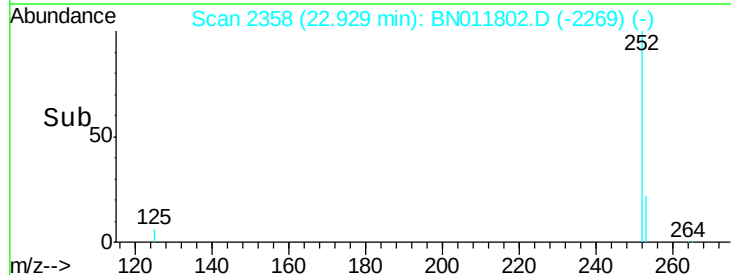
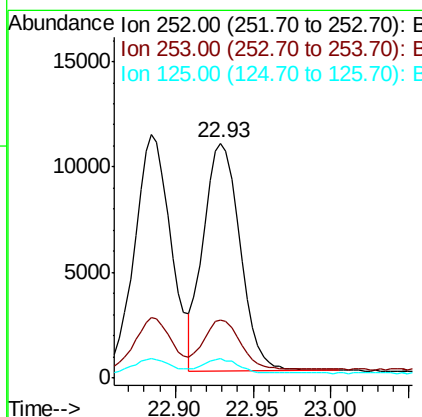
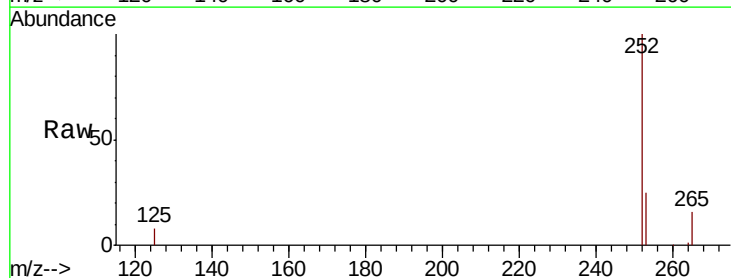
Instrument :
BNA_N
ClientSampleId :
ICVBN091520

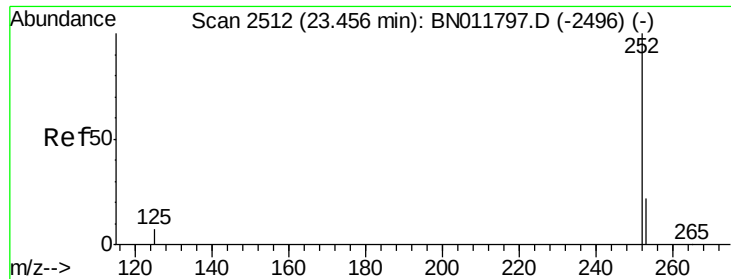
Tot Ion:252 Resp: 18399
Ion Ratio Lower Upper
252 100
253 24.9 19.1 28.7
125 7.9 6.2 9.2



#38
Benzo(k)fluoranthene
Concen: 0.450 ng
RT: 22.93 min Scan# 2358
Delta R.T. 0.00 min
Lab File: BN011802.D
Acq: 15 Sep 2020 15:41

Tgt Ion:252 Resp: 17756
Ion Ratio Lower Upper
252 100
253 24.7 19.3 28.9
125 8.1 6.0 9.0





#39

Benzo(a)pyrene

Concen: 0.445 ng

RT: 23.46 min Scan# 2513

Delta R.T. 0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520

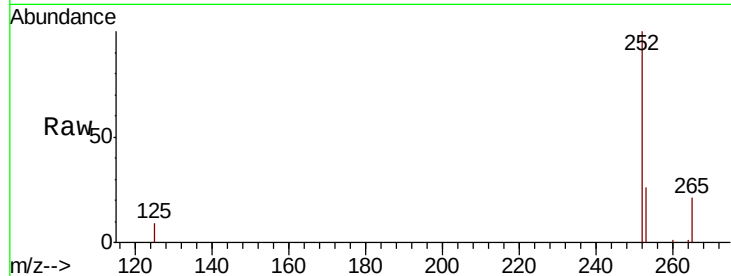
Tot Ion:252 Resp: 15369

Ion Ratio Lower Upper

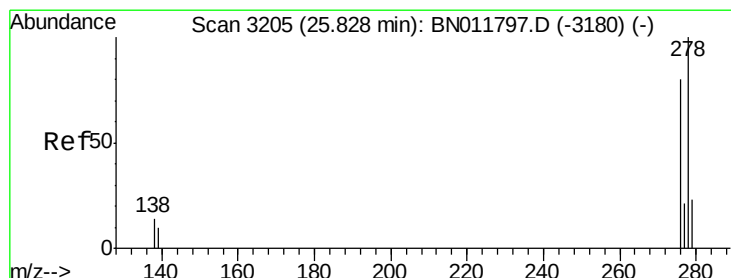
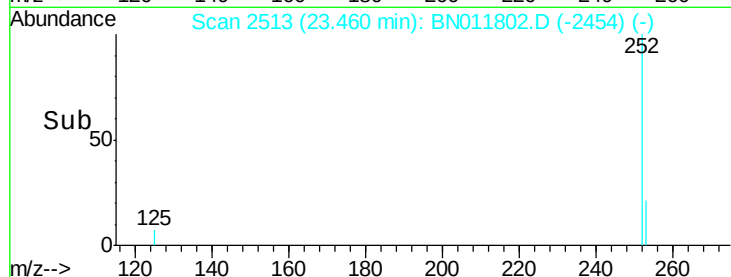
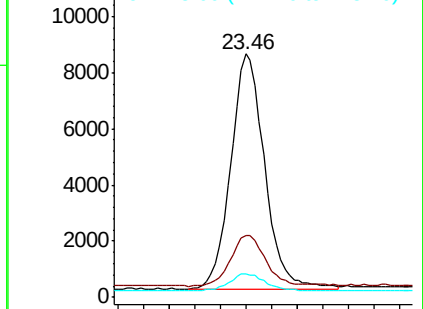
252 100

253 25.5 19.8 29.6

125 9.5 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: 0.460 ng

RT: 25.83 min Scan# 3206

Delta R.T. 0.00 min

Lab File: BN011802.D

Acq: 15 Sep 2020 15:41

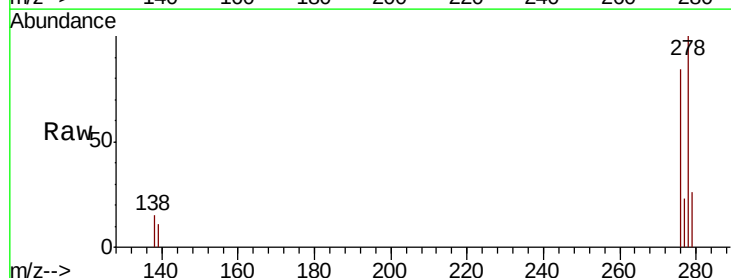
Tgt Ion:278 Resp: 18357

Ion Ratio Lower Upper

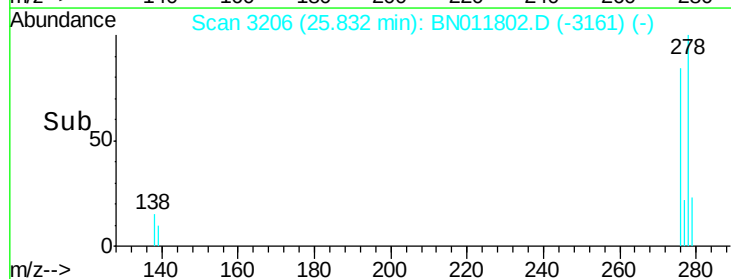
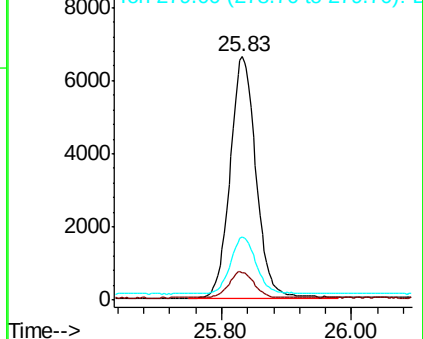
278 100

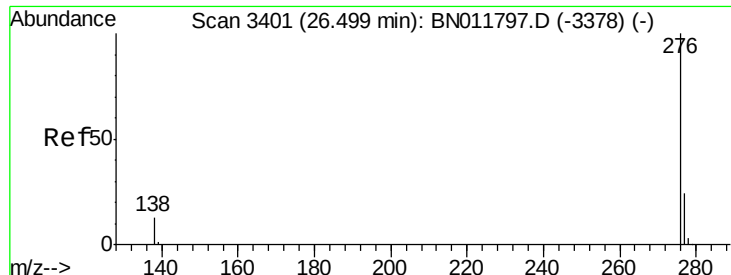
139 11.2 8.6 13.0

279 25.8 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: 0.459 ng

RT: 26.51 min Scan# 3404

Delta R.T. 0.01 min

Lab File: BN011802.D

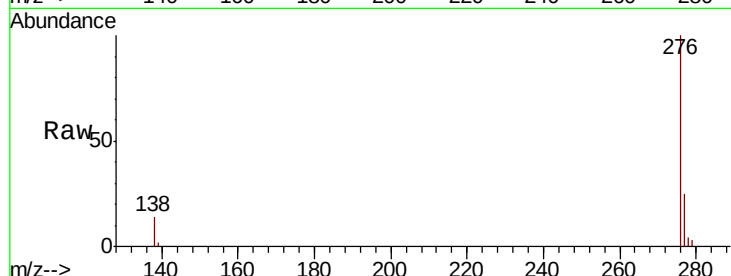
Acq: 15 Sep 2020 15:41

Instrument :

BNA_N

ClientSampleId :

ICVBN091520



Tot Ion:276 Resp: 18299

Ion Ratio Lower Upper

276 100

277 24.6 19.4 29.0

138 14.1 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

