

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091620\
 Data File : BN011817.D
 Acq On : 16 Sep 2020 17:30
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Sep 16 17:59:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 17:28:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2428	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	9323	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	5375	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	11675	0.40	ng	0.00
29) Chrysene-d12	21.30	240	15612	0.40	ng	0.00
36) Perylene-d12	23.56	264	15393	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	3110	0.46	ng	0.00
5) Phenol-d6	6.89	99	4109	0.48	ng	0.00
8) Nitrobenzene-d5	8.87	82	3885	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.10	152	6360	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	1080	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.98	172	9117	0.38	ng	0.00
27) Fluoranthene-d10	19.15	212	13718	0.36	ng	0.00
31) Terphenyl-d14	19.75	244	27331	0.65	ng	0.00

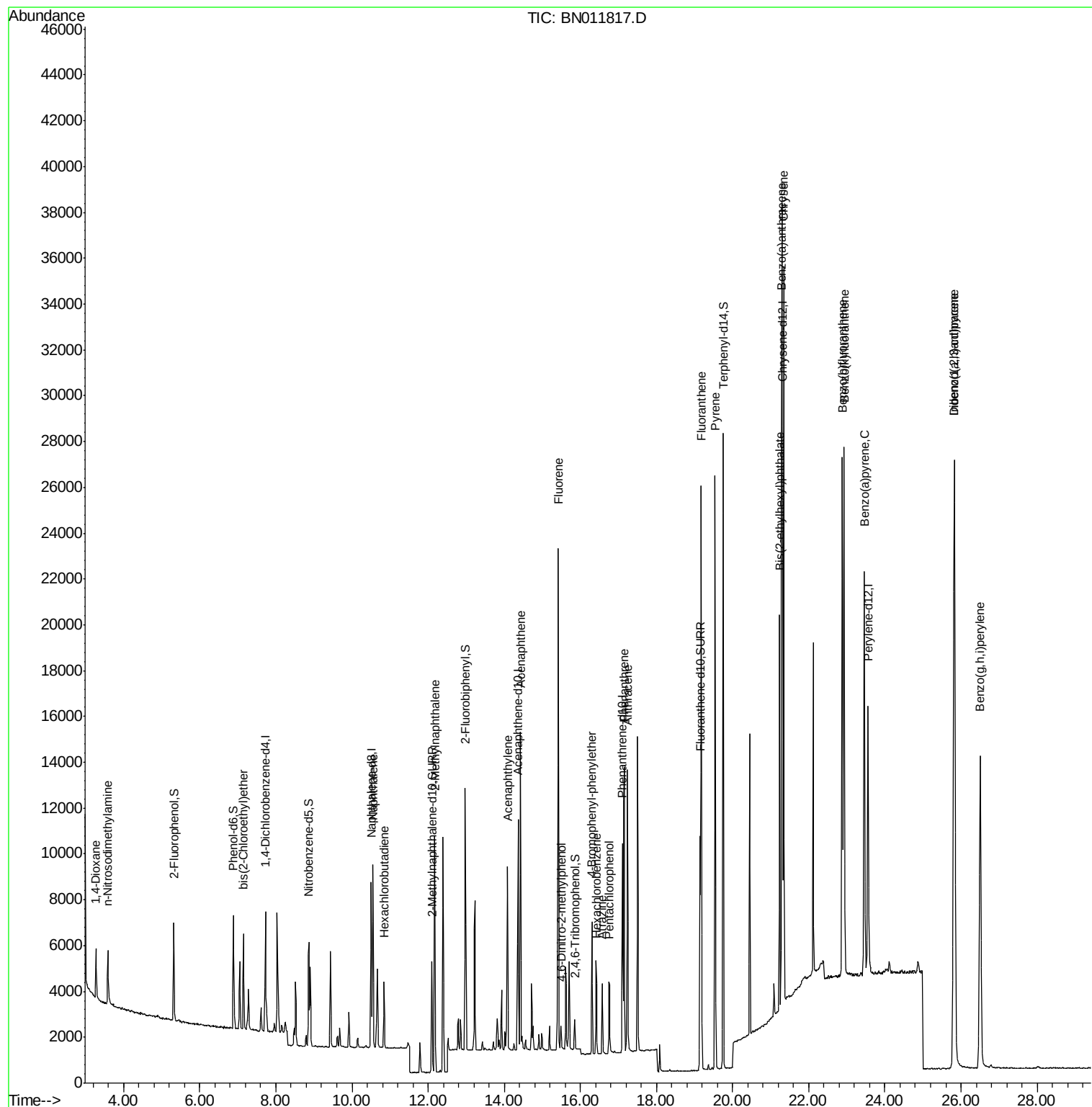
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	1415	0.423	ng	# 91
3) n-Nitrosodimethylamine	3.58	42	1686	0.322	ng	# 62
6) bis(2-Chloroethyl)ether	7.15	93	3067	0.435	ng	99
9) Naphthalene	10.55	128	10106	0.379	ng	99
10) Hexachlorobutadiene	10.85	225	2204	0.342	ng	# 100
12) 2-Methylnaphthalene	12.17	142	7000	0.366	ng	96
16) Acenaphthylene	14.08	152	9654	0.360	ng	99
17) Acenaphthene	14.42	154	7013	0.370	ng	97
18) Fluorene	15.41	166	8584	0.360	ng	100
20) 4,6-Dinitro-2-methylphenol	15.49	198	918	0.350	ng	99
21) 4-Bromophenyl-phenylether	16.30	248	2569	0.348	ng	# 71
22) Hexachlorobenzene	16.42	284	3285	0.379	ng	94
23) Atrazine	16.57	200	2625	0.385	ng	# 90
24) Pentachlorophenol	16.76	266	1770	0.485	ng	97
25) Phenanthrene	17.15	178	14294	0.376	ng	100
26) Anthracene	17.24	178	13047	0.382	ng	99
28) Fluoranthene	19.17	202	22334	0.471	ng	# 99
30) Pyrene	19.54	202	23217	0.420	ng	100
32) Benzo(a)anthracene	21.29	228	26012	0.457	ng	100
33) Chrysene	21.35	228	27757	0.465	ng	100
34) Bis(2-ethylhexyl)phthalate	21.23	149	11372	0.446	ng	98
35) Indeno(1,2,3-cd)pyrene	25.82	276	34256	0.437	ng	98
37) Benzo(b)fluoranthene	22.88	252	29053	0.458	ng	# 97
38) Benzo(k)fluoranthene	22.93	252	28657	0.451	ng	# 97
39) Benzo(a)pyrene	23.46	252	25452	0.457	ng	# 95
40) Dibenzo(a,h)anthracene	25.83	278	28718	0.446	ng	98
41) Benzo(g,h,i)perylene	26.51	276	28582	0.445	ng	# 97

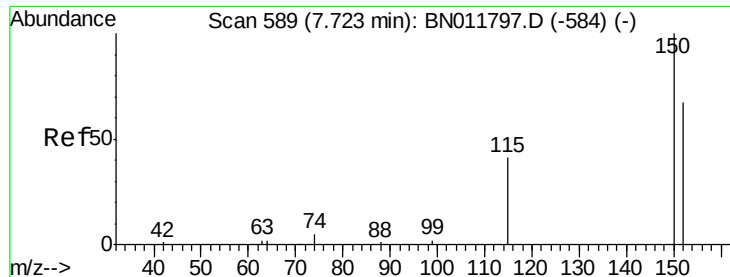
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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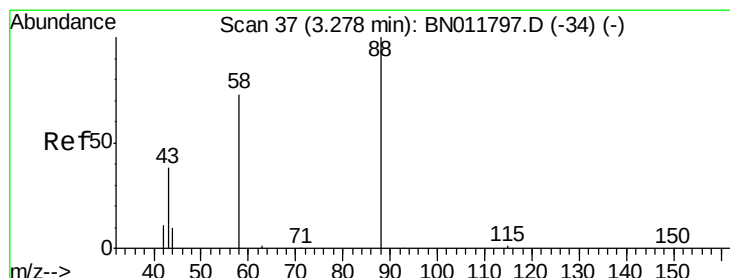
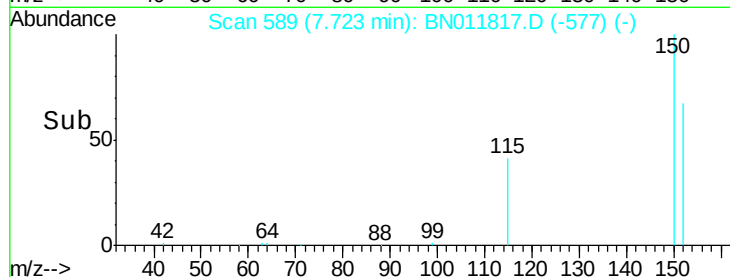
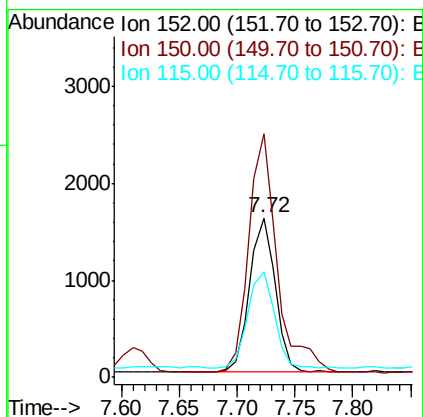
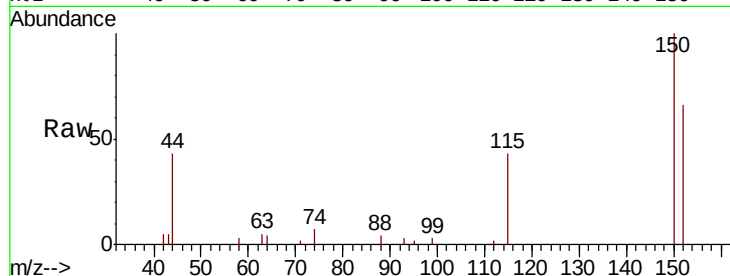


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN011817.D
Acq: 16 Sep 2020 17:30

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

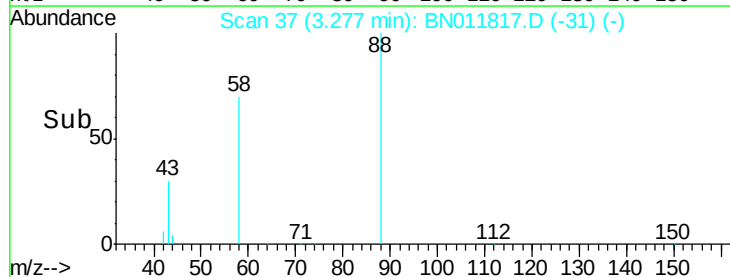
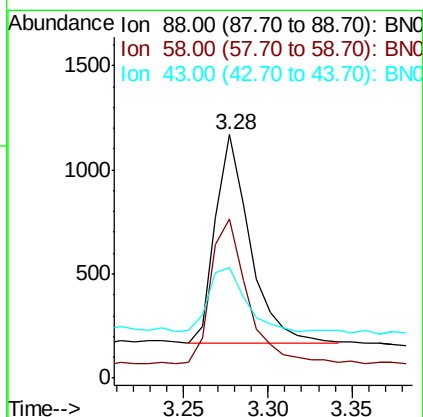
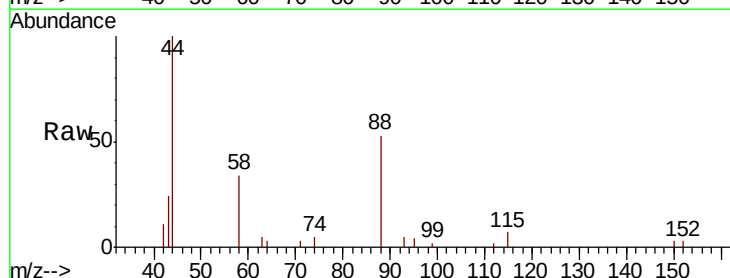
Tot Ion:152 Resp: 2428
Ion Ratio Lower Upper
152 100
150 152.5 118.3 177.5
115 65.8 51.3 76.9

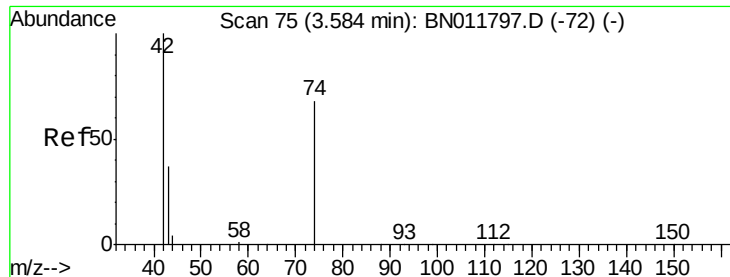


#2

1,4-Dioxane
Concen: 0.423 ng
RT: 3.28 min Scan# 37
Delta R.T. -0.00 min
Lab File: BN011817.D
Acq: 16 Sep 2020 17:30

Tgt Ion: 88 Resp: 1415
Ion Ratio Lower Upper
88 100
58 73.4 63.3 94.9
43 32.4 33.0 49.4#





#3

n-Nitrosodimethylamine

Concen: 0.322 ng

RT: 3.58 min Scan# 75

Delta R.T. -0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

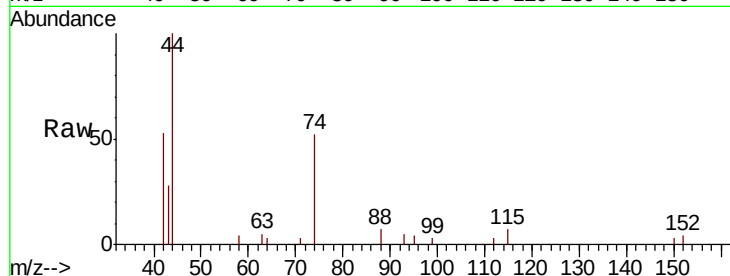
Tot Ion: 42 Resp: 1686

Ion Ratio Lower Upper

42 100

74 116.5 64.4 96.6#

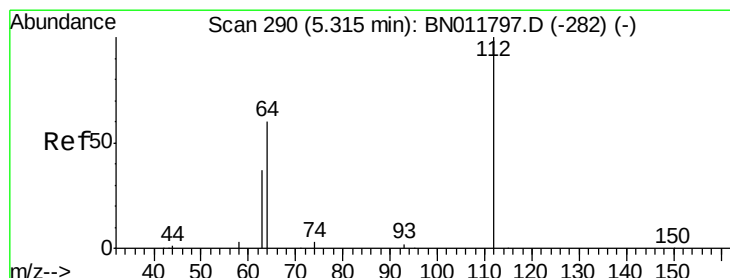
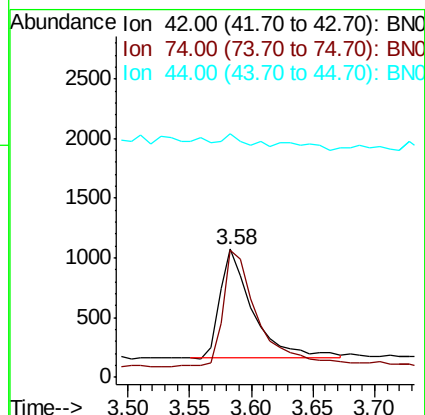
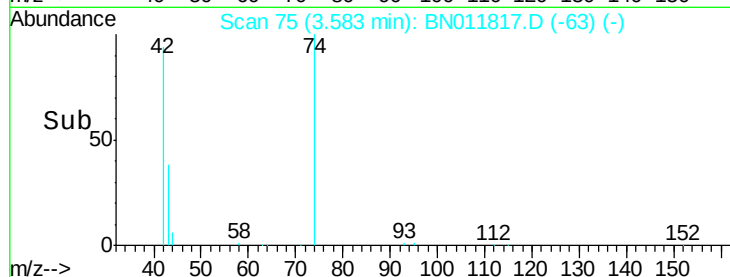
44 5.1 6.7 10.1#



Abundance Ion 42.00 (41.70 to 42.70): BN011817.D (-63) (-)

Ion 74.00 (73.70 to 74.70): BN011817.D (-63) (-)

Ion 44.00 (43.70 to 44.70): BN011817.D (-63) (-)



#4

2-Fluorophenol

Concen: 0.463 ng

RT: 5.31 min Scan# 290

Delta R.T. -0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

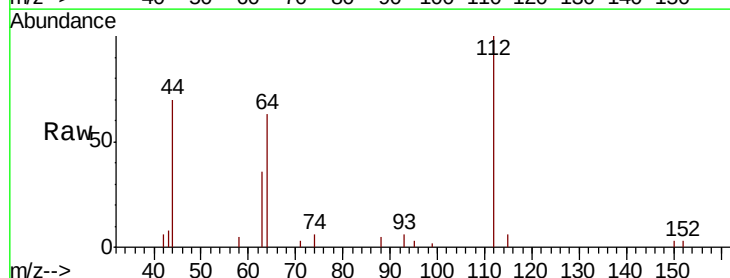
Tgt Ion: 112 Resp: 3110

Ion Ratio Lower Upper

112 100

64 62.1 49.0 73.6

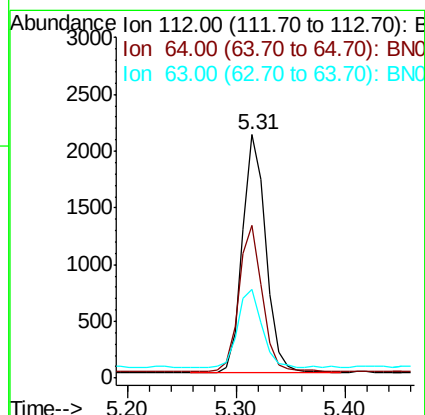
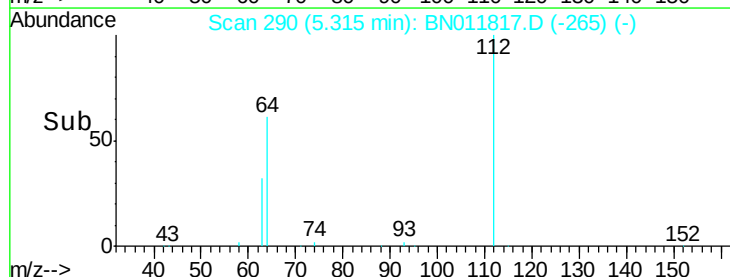
63 34.1 31.8 47.6

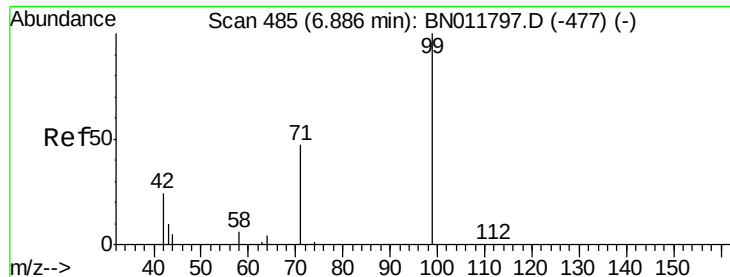


Abundance Ion 112.00 (111.70 to 112.70): BN011817.D (-265) (-)

Ion 64.00 (63.70 to 64.70): BN011817.D (-265) (-)

Ion 63.00 (62.70 to 63.70): BN011817.D (-265) (-)





#5

Phenol-d6

Concen: 0.476 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

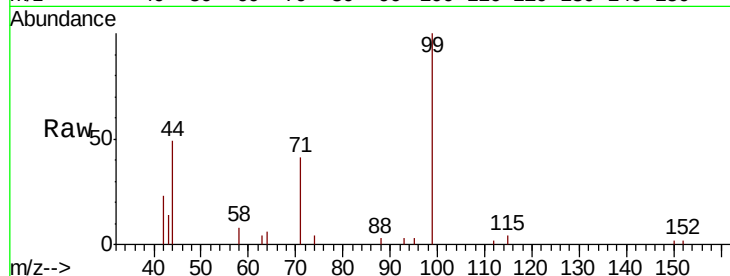
Tot Ion: 99 Resp: 4109

Ion Ratio Lower Upper

99 100

42 22.2 23.4 35.0#

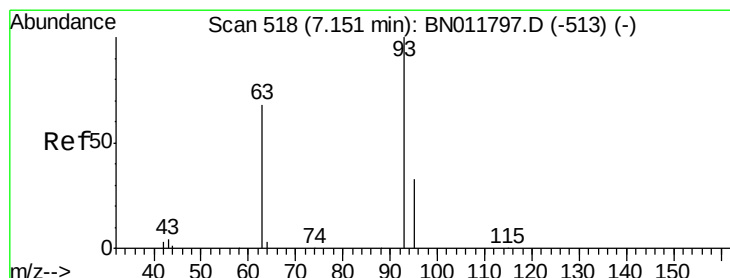
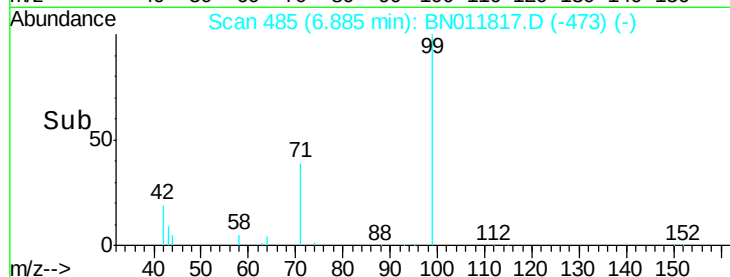
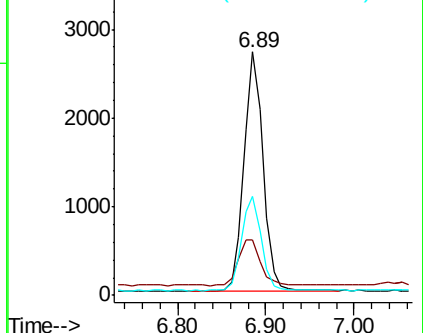
71 40.6 38.1 57.1



Abundance Ion 99.00 (98.70 to 99.70): BN011817.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011817.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011817.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.435 ng

RT: 7.15 min Scan# 518

Delta R.T. 0.01 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

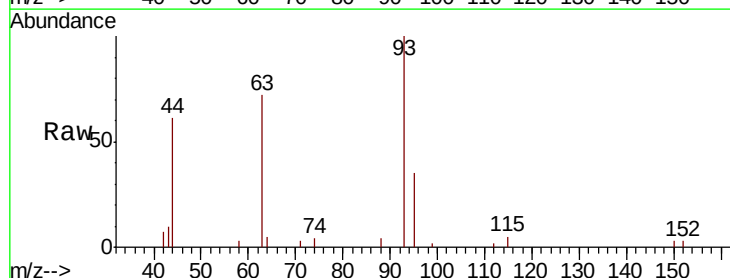
Tgt Ion: 93 Resp: 3067

Ion Ratio Lower Upper

93 100

63 77.2 61.1 91.7

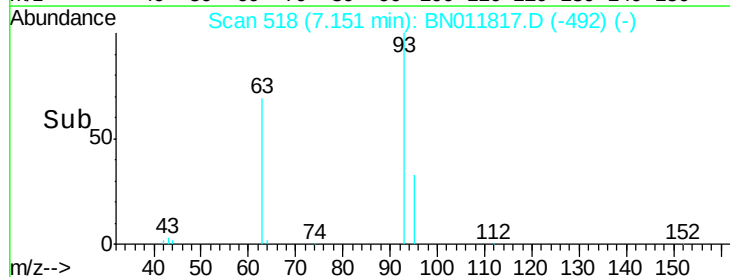
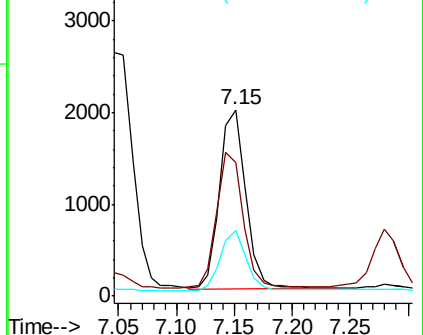
95 33.3 25.5 38.3

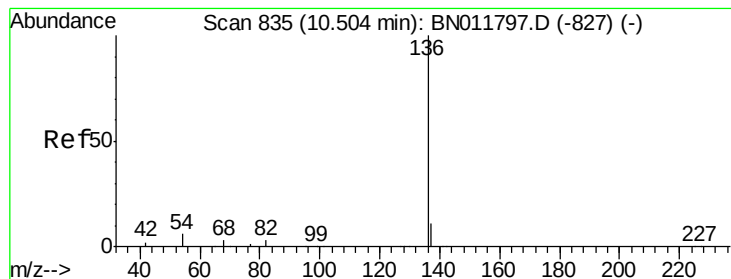


Abundance Ion 93.00 (92.70 to 93.70): BN011817.D (-513) (-)

Ion 63.00 (62.70 to 63.70): BN011817.D (-513) (-)

Ion 95.00 (94.70 to 95.70): BN011817.D (-513) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 9323

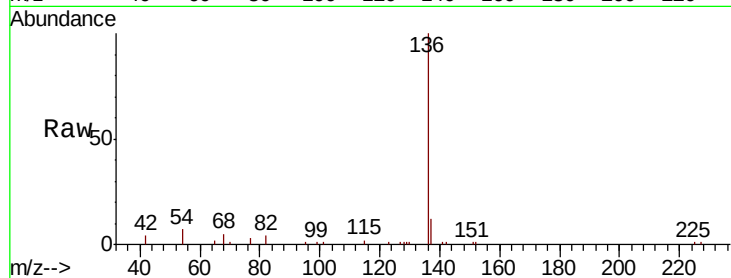
Ion Ratio Lower Upper

136 100

137 11.9 9.5 14.3

54 6.9 5.6 8.4

68 5.2 3.2 4.8#

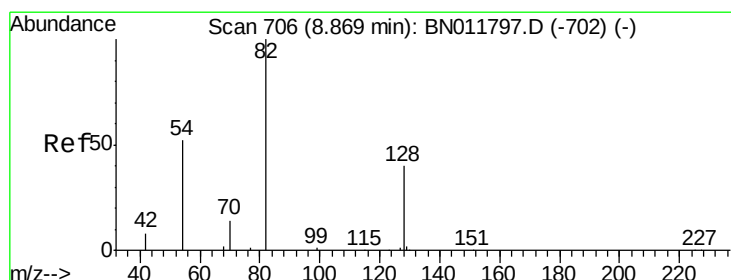
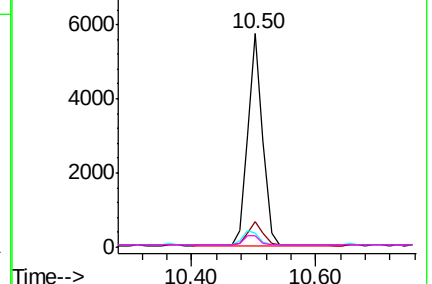
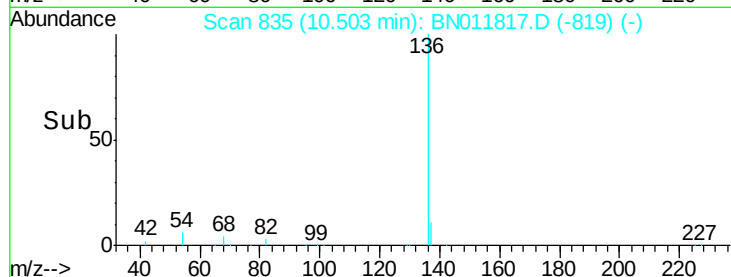


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.378 ng

RT: 8.87 min Scan# 706

Delta R.T. 0.01 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

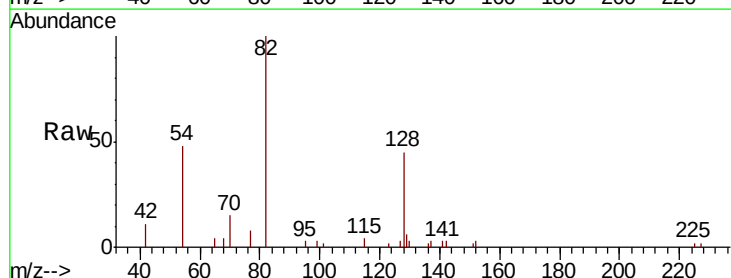
Tgt Ion: 82 Resp: 3885

Ion Ratio Lower Upper

82 100

128 44.7 34.2 51.2

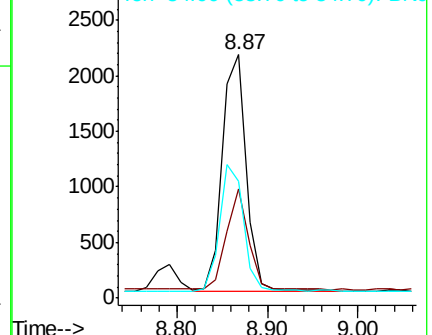
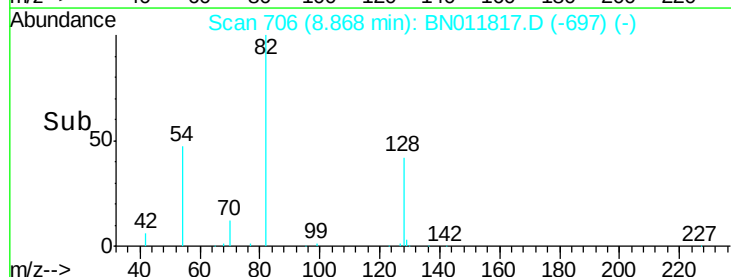
54 48.0 43.1 64.7

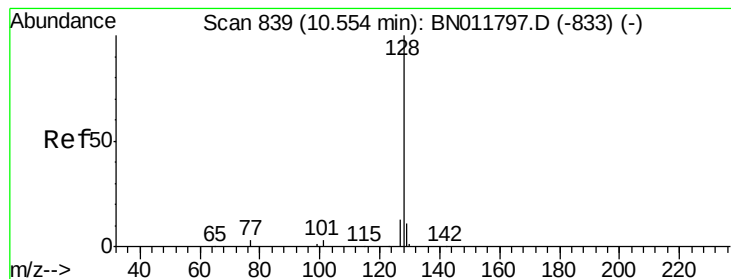


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.379 ng

RT: 10.55 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

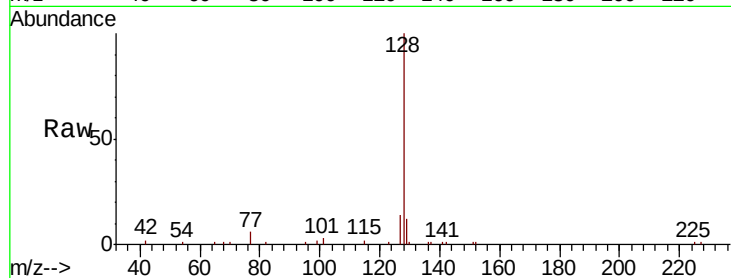
Tot Ion:128 Resp: 10106

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

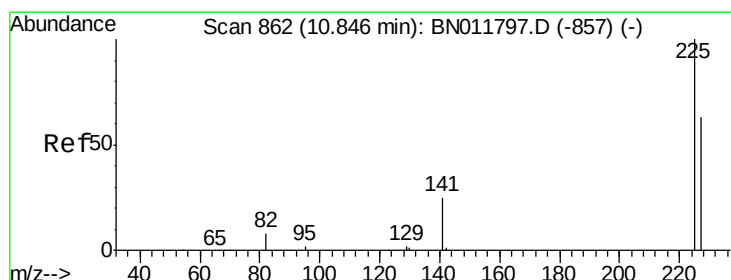
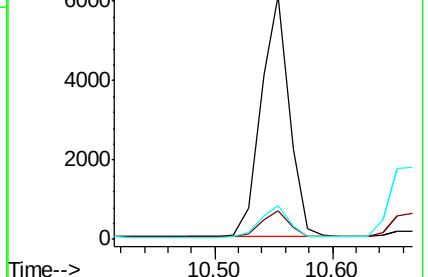
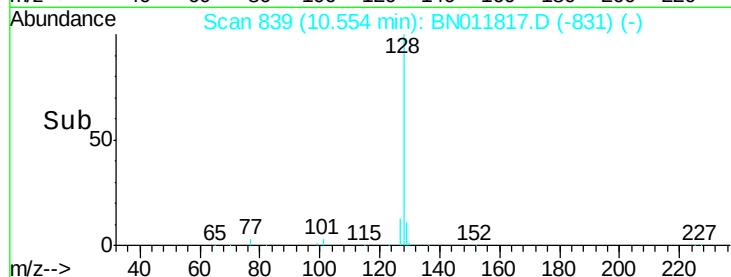
127 13.8 11.0 16.4



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: 0.342 ng

RT: 10.85 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

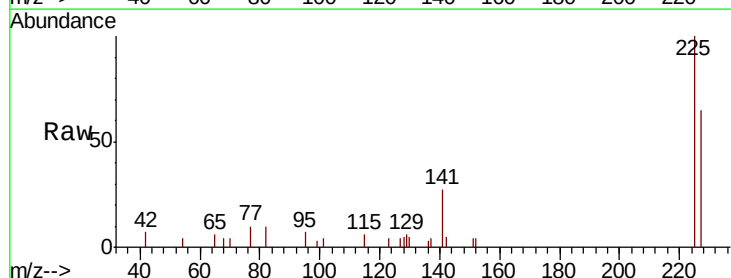
Tgt Ion:225 Resp: 2204

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

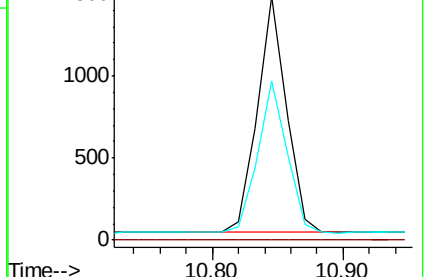
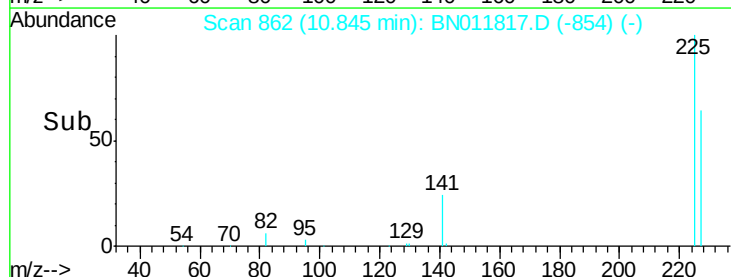
227 64.8 51.9 77.9

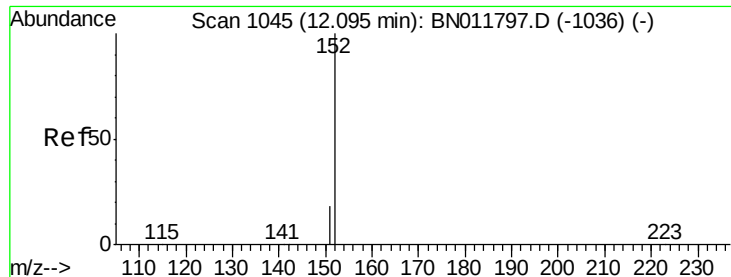


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

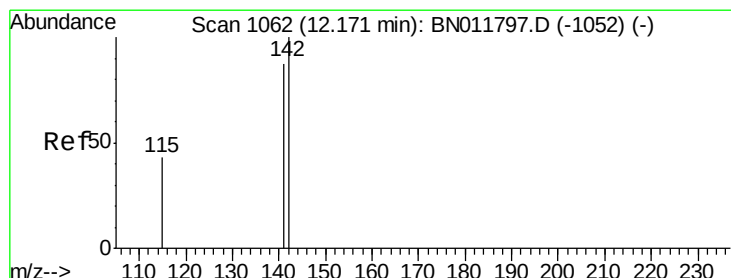
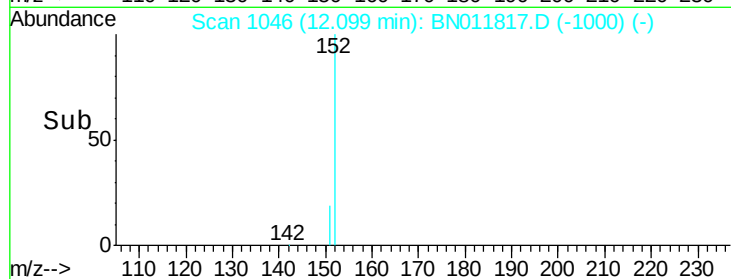
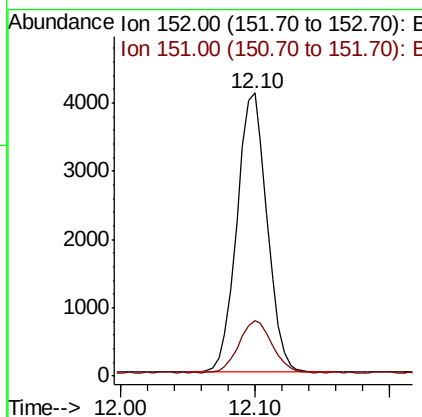
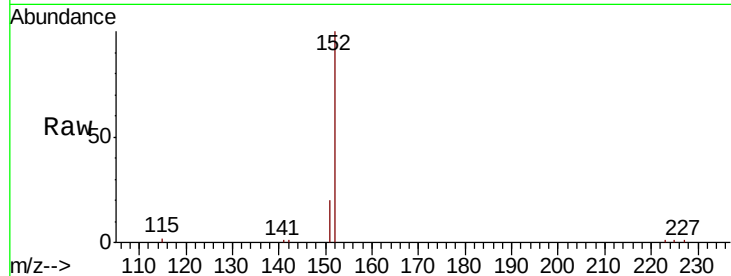




#11
 2-Methylnaphthalene-d10
 Concen: 0.363 ng
 RT: 12.10 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BN011817.D
 Acq: 16 Sep 2020 17:30

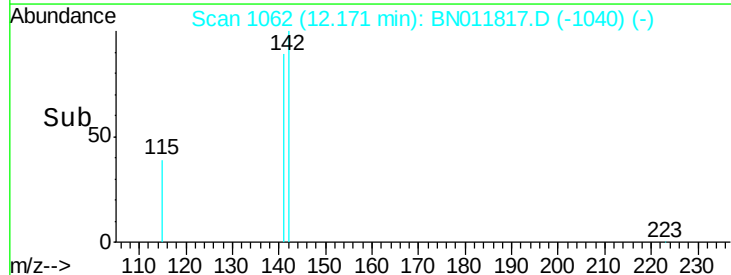
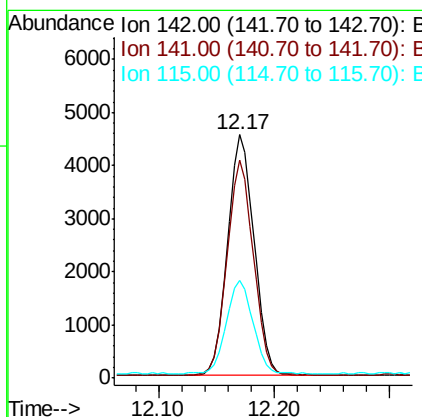
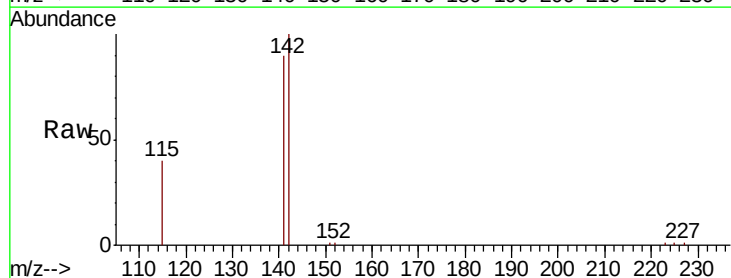
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

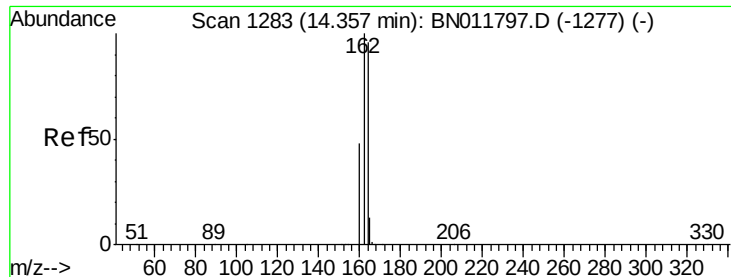
Tot Ion:152 Resp: 6360
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.7 25.1



#12
 2-Methylnaphthalene
 Concen: 0.366 ng
 RT: 12.17 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BN011817.D
 Acq: 16 Sep 2020 17:30

Tgt Ion:142 Resp: 7000
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.0 105.0
 115 40.2 35.8 53.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

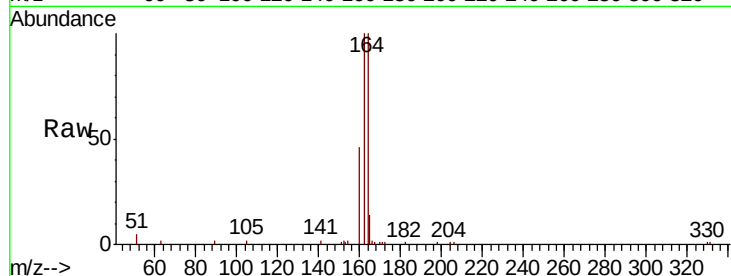
Tot Ion:164 Resp: 5375

Ion Ratio Lower Upper

164 100

162 100.3 83.6 125.4

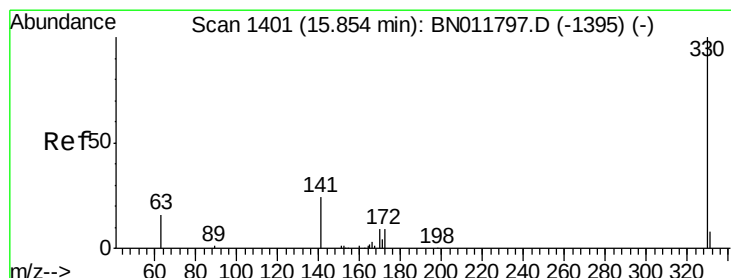
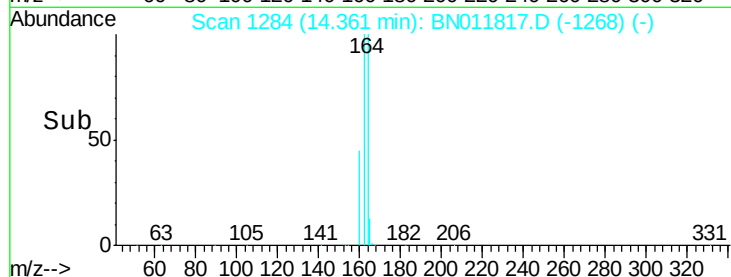
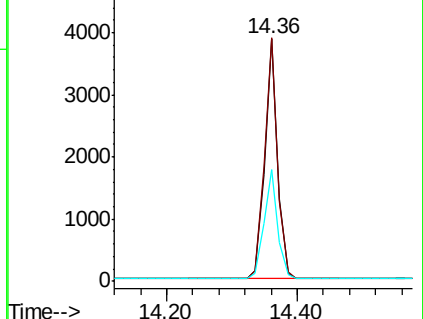
160 46.2 41.2 61.8



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: 0.367 ng

RT: 15.86 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

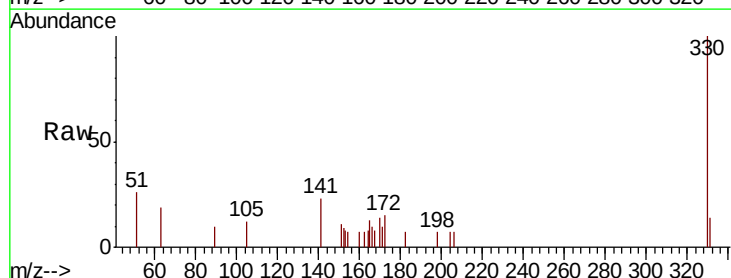
Tgt Ion:330 Resp: 1080

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

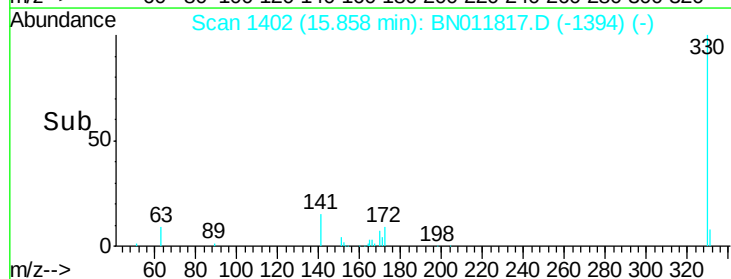
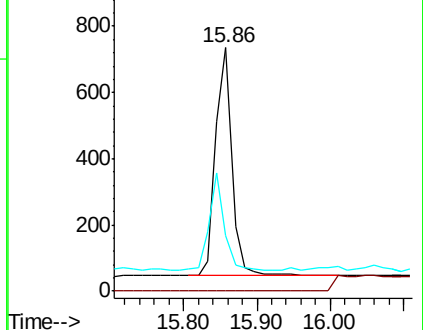
141 39.5 33.7 50.5

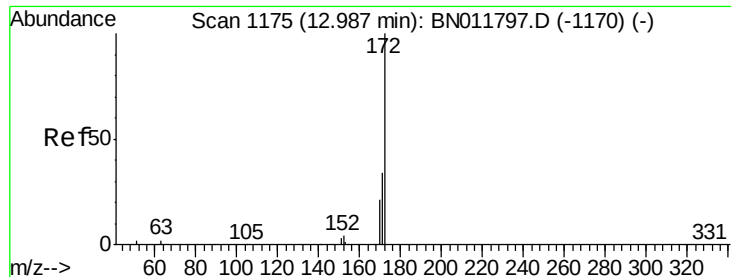


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

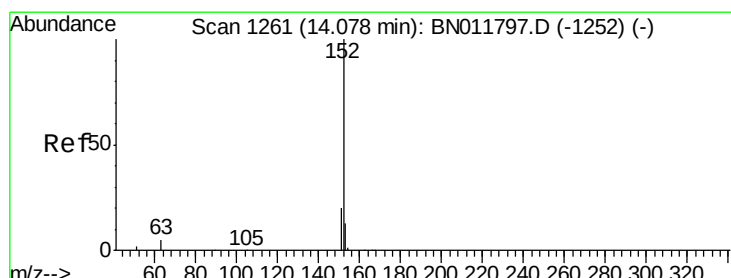
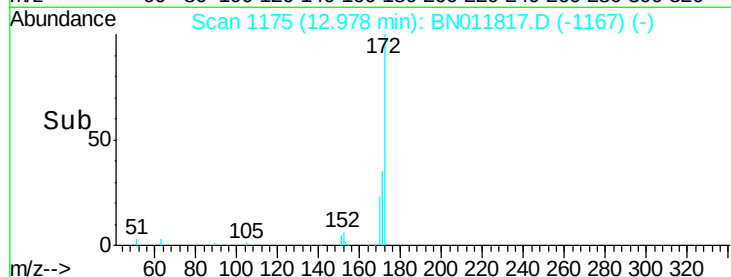
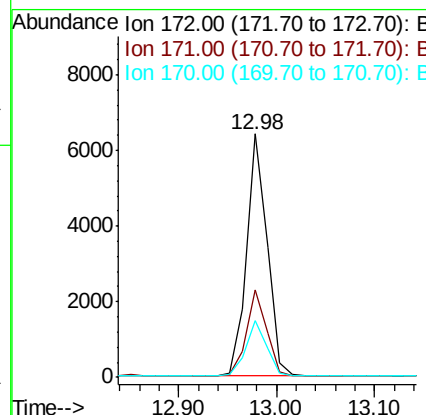
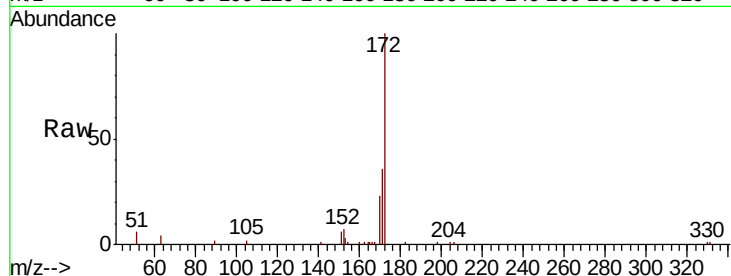




#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.98 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BN011817.D
Acq: 16 Sep 2020 17:30

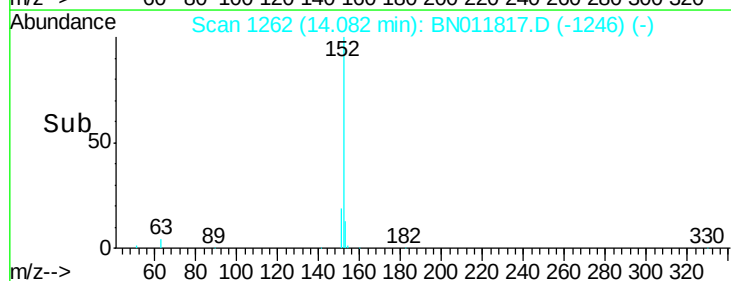
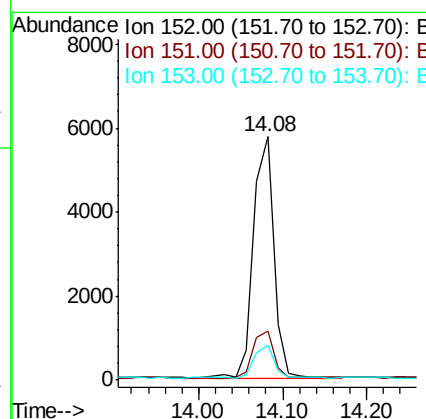
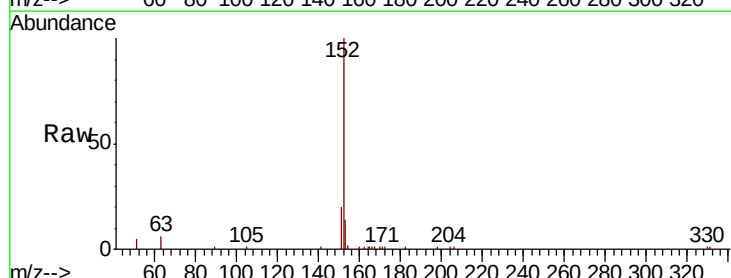
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

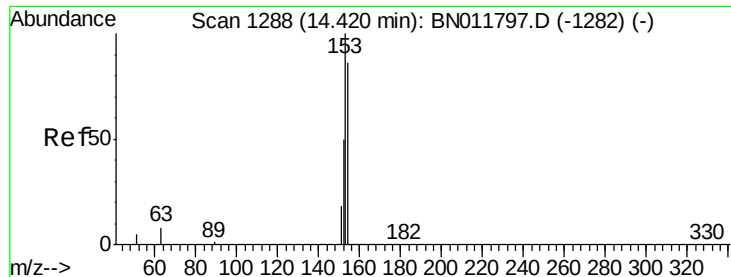
Tot Ion:172 Resp: 9117
Ion Ratio Lower Upper
172 100
171 35.8 27.4 41.2
170 23.4 17.8 26.6



#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.08 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011817.D
Acq: 16 Sep 2020 17:30

Tgt Ion:152 Resp: 9654
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.370 ng

RT: 14.42 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

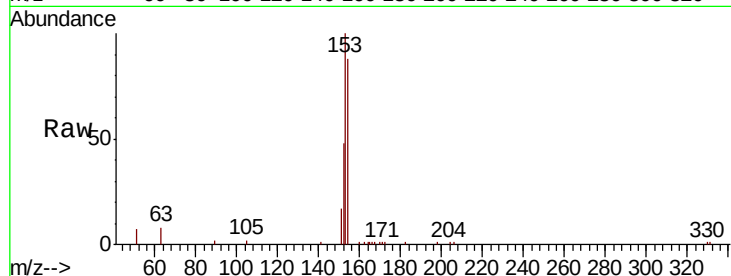
Tot Ion:154 Resp: 7013

Ion Ratio Lower Upper

154 100

153 107.4 83.4 125.2

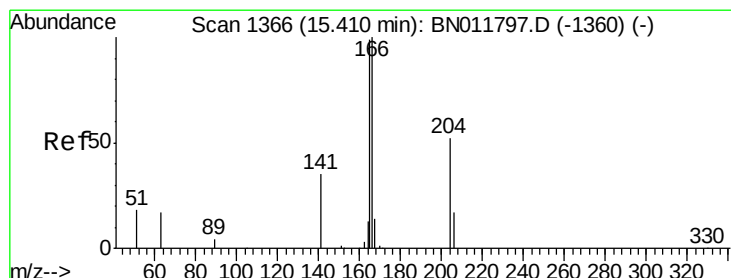
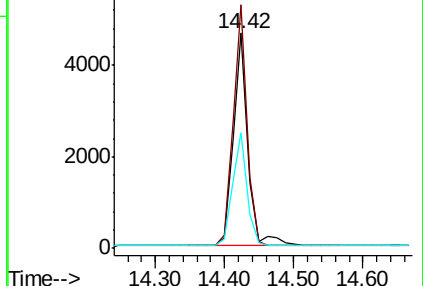
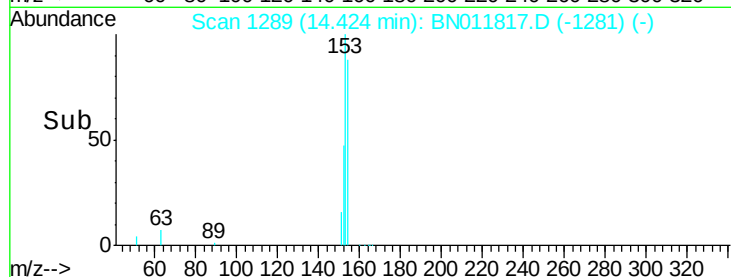
152 52.2 42.8 64.2



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: 0.360 ng

RT: 15.41 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

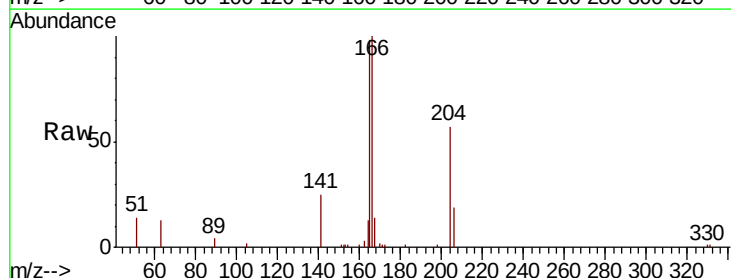
Tgt Ion:166 Resp: 8584

Ion Ratio Lower Upper

166 100

165 98.6 78.8 118.2

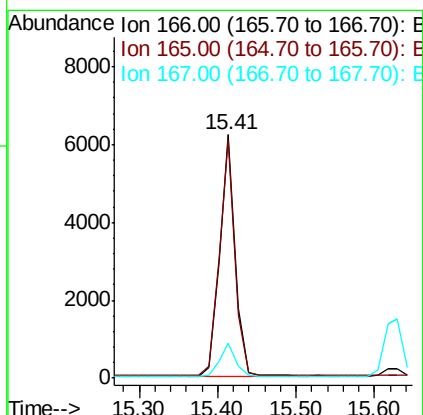
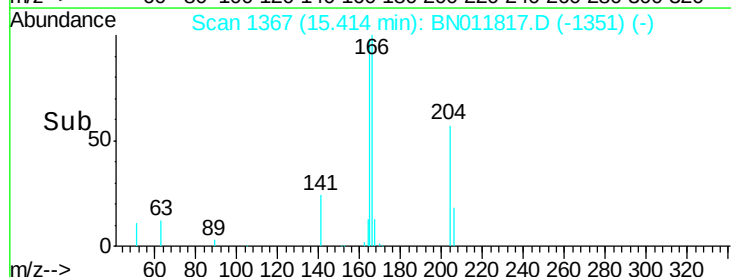
167 13.4 11.2 16.8

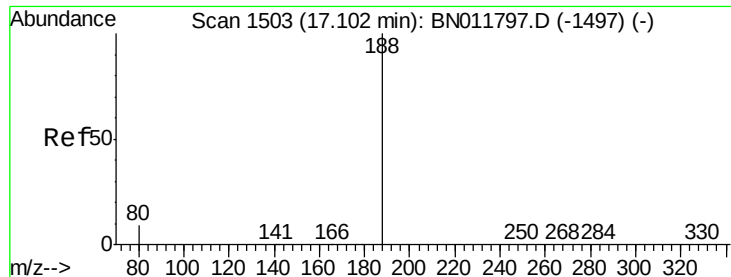


Abundance Ion 166.00 (165.70 to 166.70): E

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. 0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

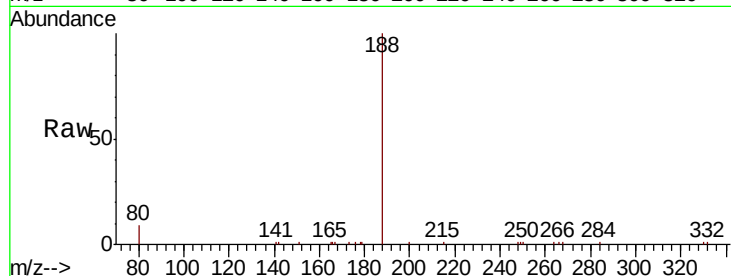
Tot Ion:188 Resp: 11675

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

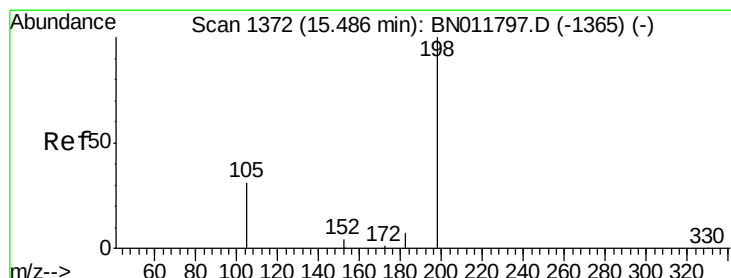
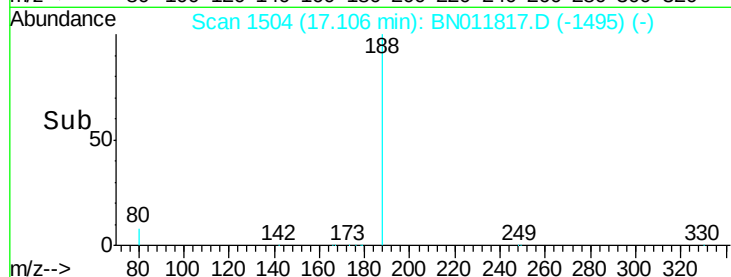
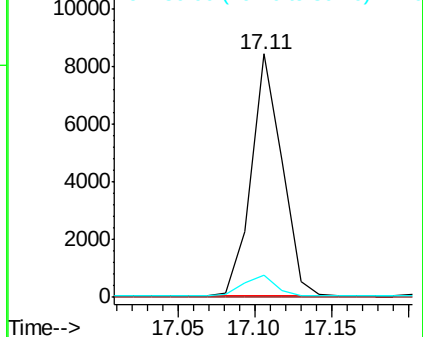
80 8.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.350 ng

RT: 15.49 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

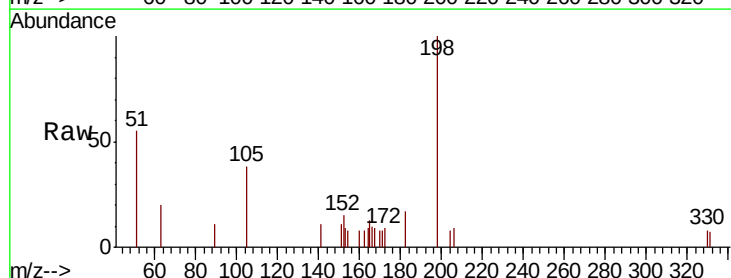
Tgt Ion:198 Resp: 918

Ion Ratio Lower Upper

198 100

51 55.1 45.0 67.4

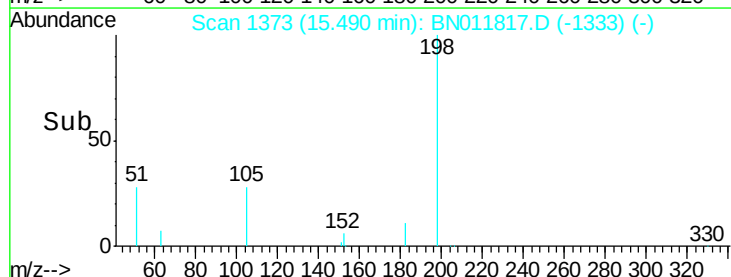
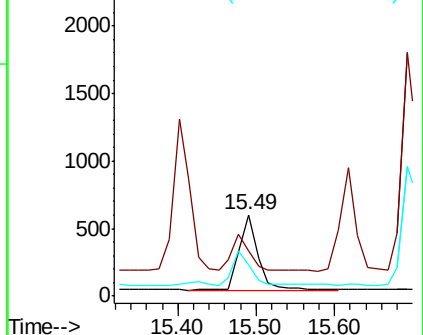
105 38.1 30.4 45.6

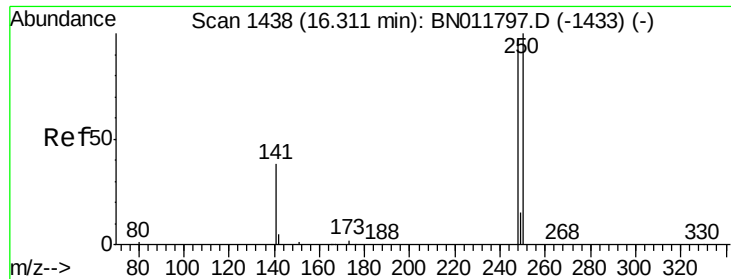


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BN0

Ion 105.00 (104.70 to 105.70): E

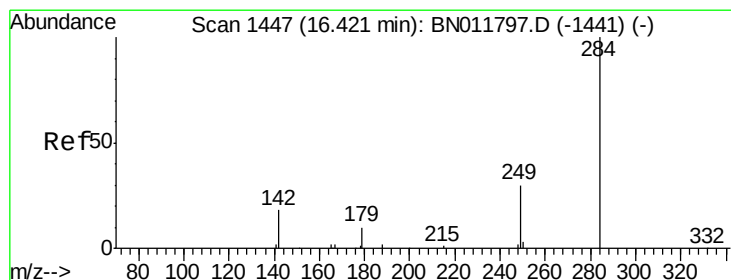
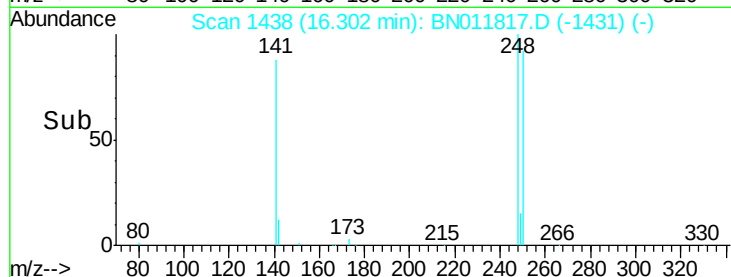
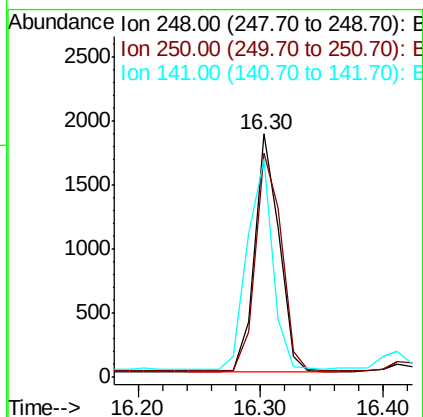
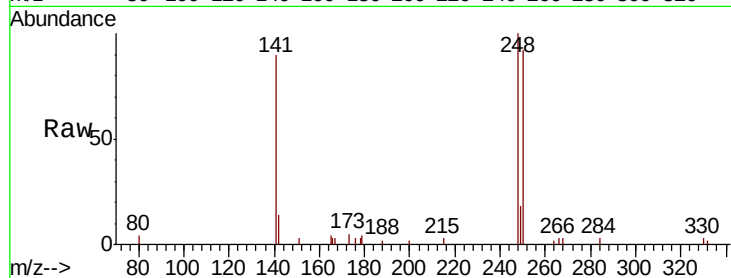




#21
4-Bromophenyl-phenylether
Concen: 0.348 ng
RT: 16.30 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN011817.D
Acq: 16 Sep 2020 17:30

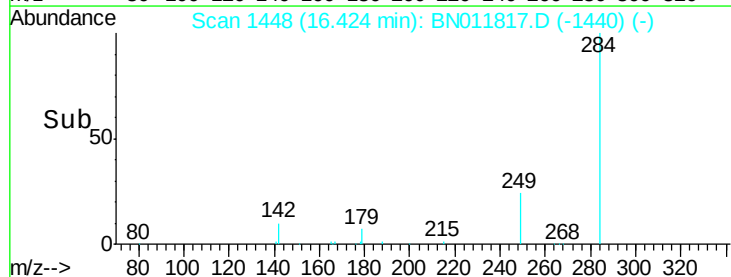
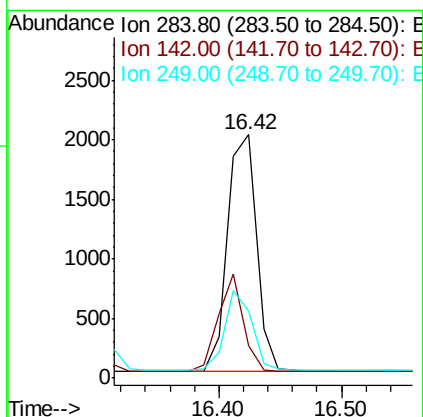
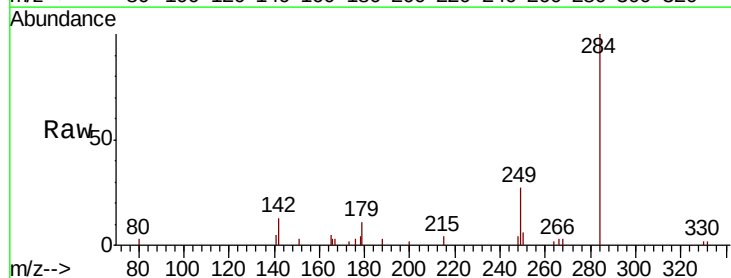
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

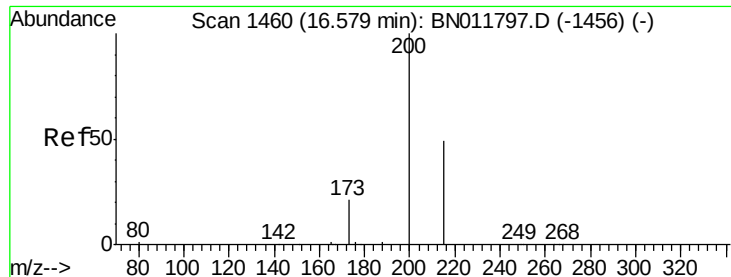
Tot Ion:248 Resp: 2569
Ion Ratio Lower Upper
248 100
250 92.3 82.7 124.1
141 89.5 33.7 50.5#



#22
Hexachlorobenzene
Concen: 0.379 ng
RT: 16.42 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BN011817.D
Acq: 16 Sep 2020 17:30

Tgt Ion:284 Resp: 3285
Ion Ratio Lower Upper
284 100
142 36.0 32.4 48.6
249 31.0 26.8 40.2

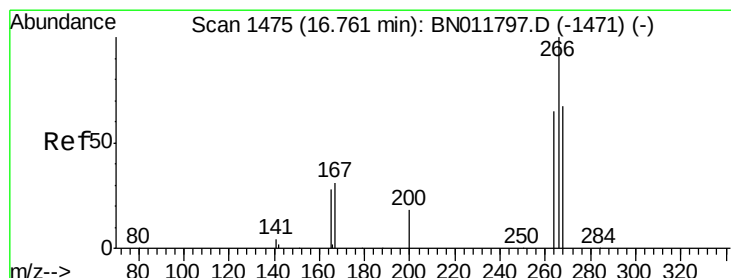
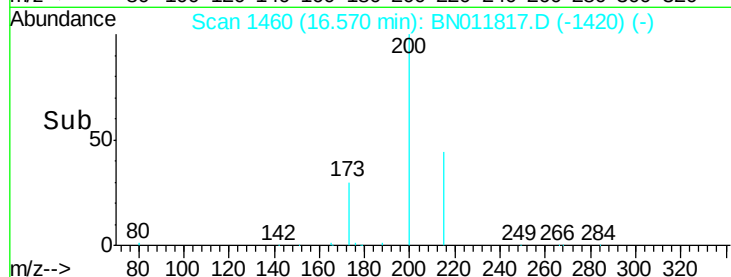
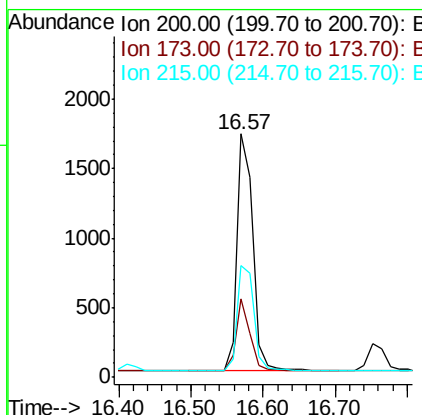
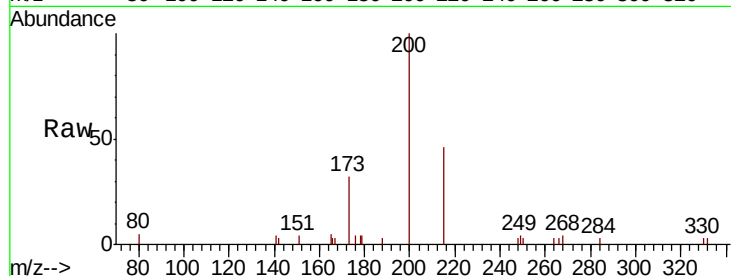




#23
Atrazine
Concen: 0.385 ng
RT: 16.57 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BN011817.D
Acq: 16 Sep 2020 17:30

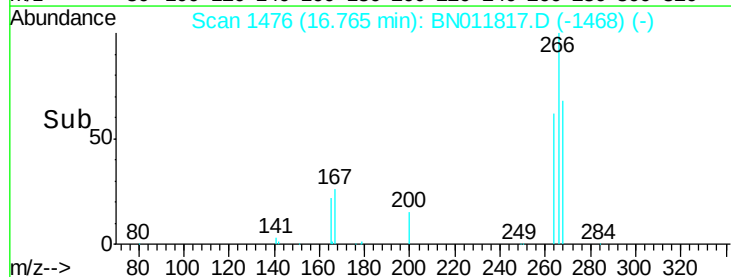
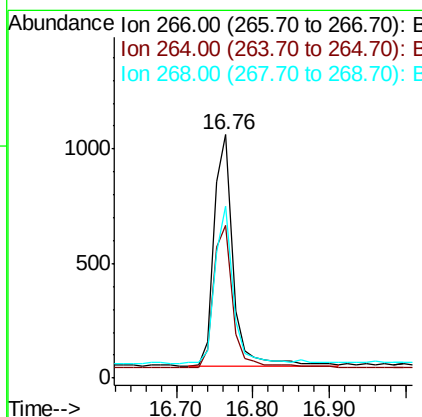
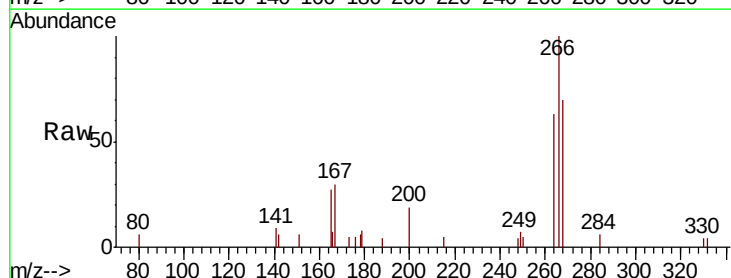
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

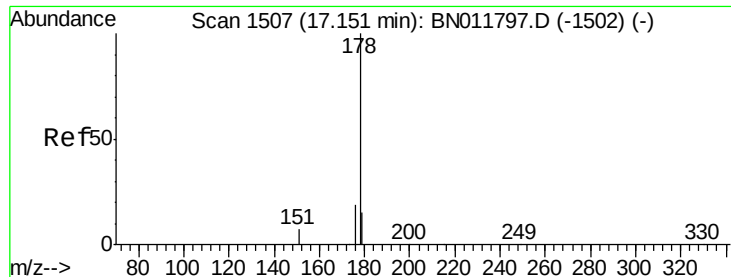
Tot Ion	Ratio	Lower	Upper
200	100		
173	32.0	18.7	28.1#
215	45.9	40.2	60.4



#24
Pentachlorophenol
Concen: 0.485 ng
RT: 16.76 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BN011817.D
Acq: 16 Sep 2020 17:30

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.2	76.8
268	62.8	52.4	78.6





#25

Phenanthrene

Concen: 0.376 ng

RT: 17.15 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

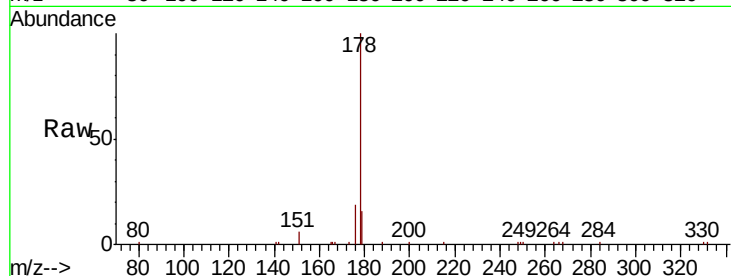
Tot Ion:178 Resp: 14294

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

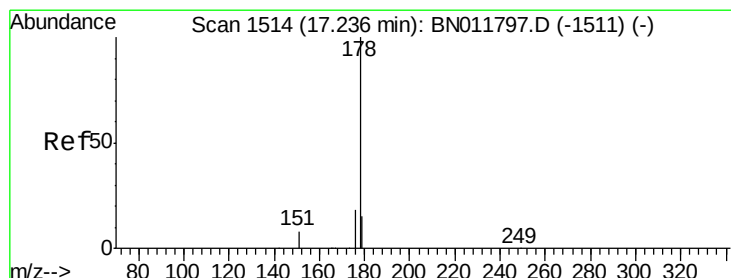
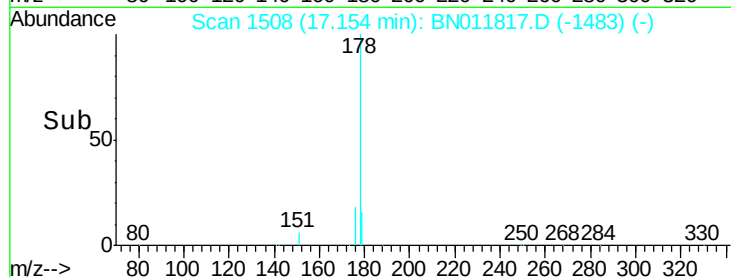
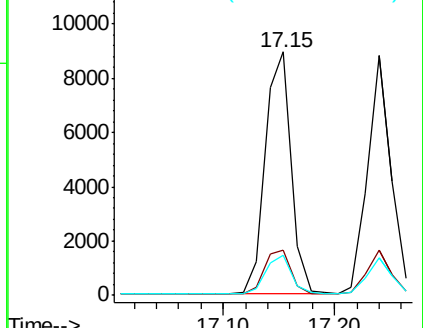
179 15.6 12.3 18.5



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: 0.382 ng

RT: 17.24 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

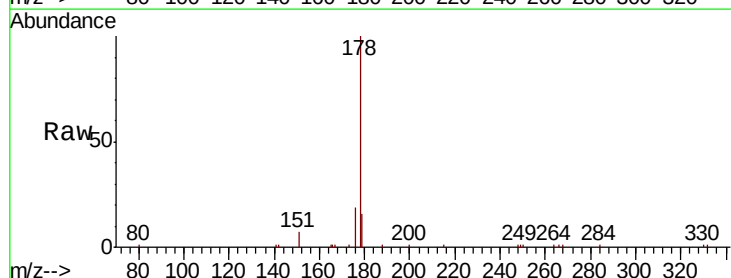
Tgt Ion:178 Resp: 13047

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

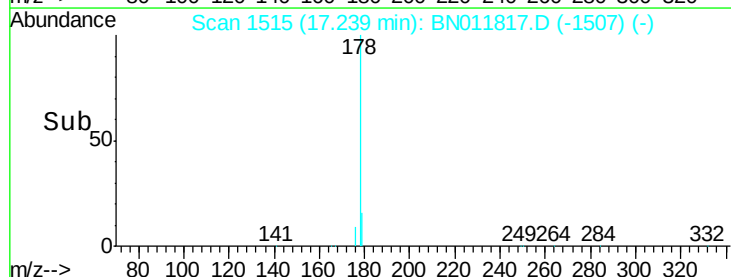
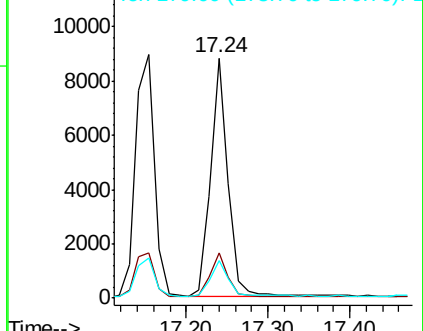
179 15.0 12.4 18.6

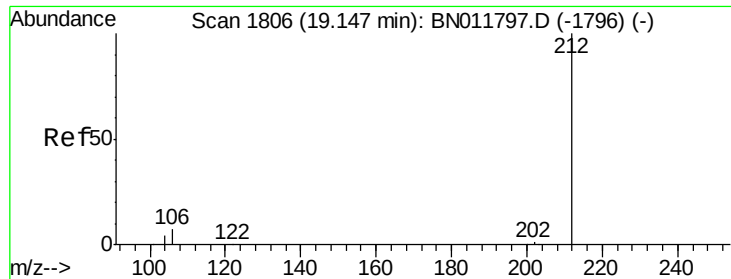


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

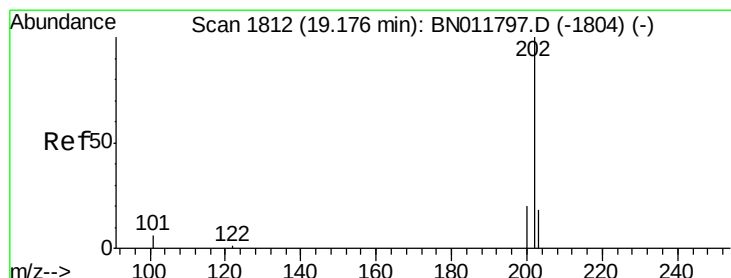
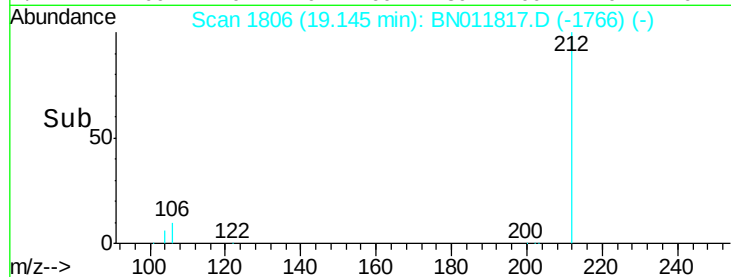
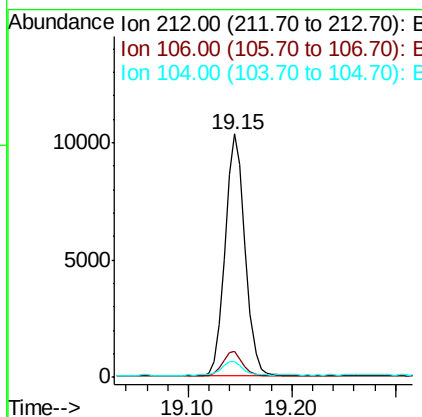
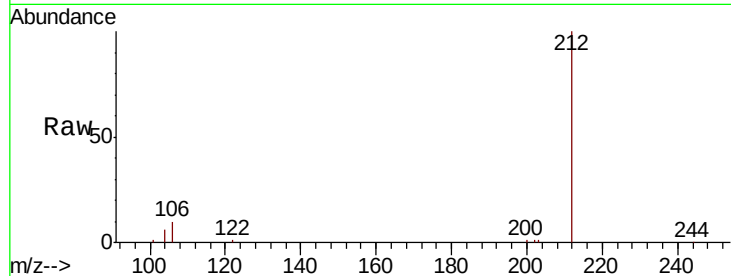




#27
 Fluoranthene-d10
 Concen: 0.360 ng
 RT: 19.15 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BN011817.D
 Acq: 16 Sep 2020 17:30

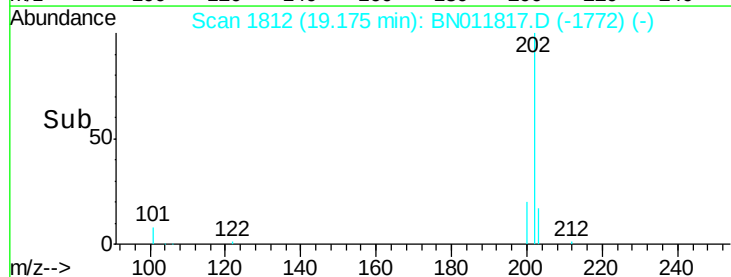
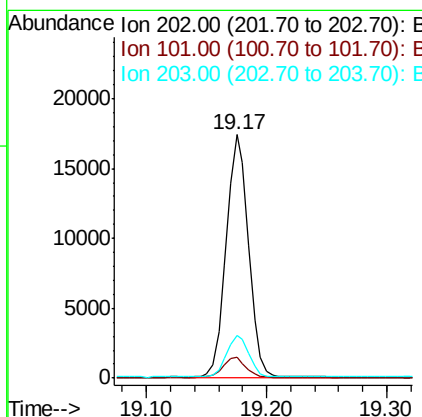
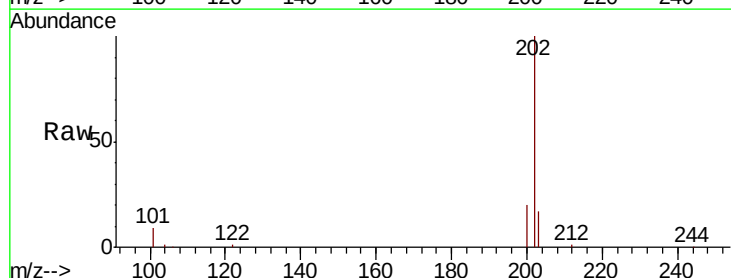
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

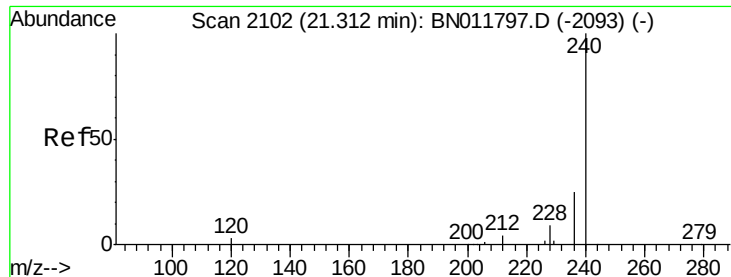
Tot Ion:212 Resp: 13718
 Ion Ratio Lower Upper
 212 100
 106 10.0 6.4 9.6#
 104 5.8 3.9 5.9



#28
 Fluoranthene
 Concen: 0.471 ng
 RT: 19.17 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BN011817.D
 Acq: 16 Sep 2020 17:30

Tgt Ion:202 Resp: 22334
 Ion Ratio Lower Upper
 202 100
 101 8.3 5.4 8.2#
 203 17.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.30 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

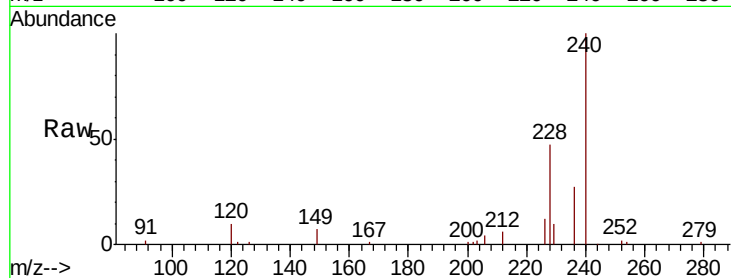
Tot Ion:240 Resp: 15612

Ion Ratio Lower Upper

240 100

120 10.3 3.5 5.3#

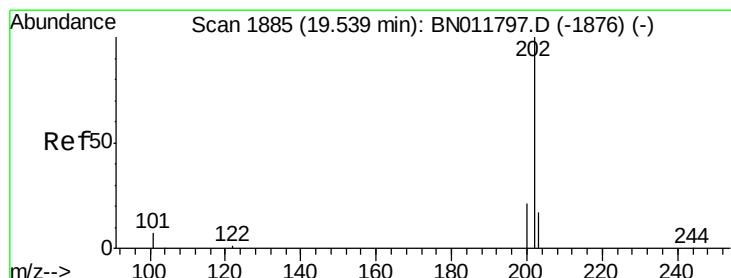
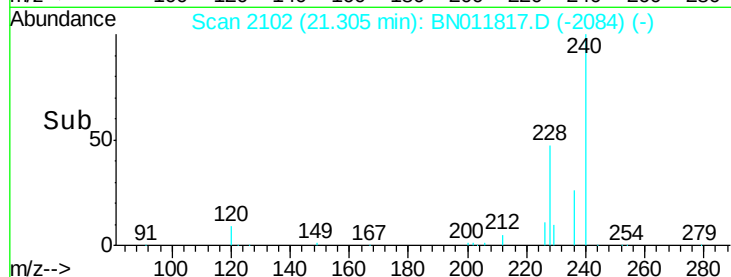
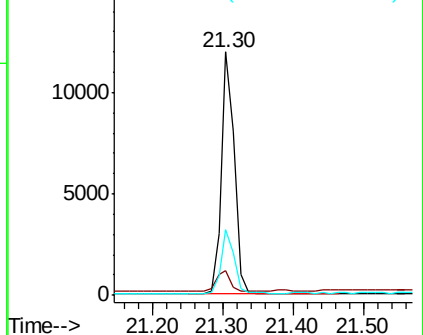
236 27.1 20.5 30.7



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: 0.420 ng

RT: 19.54 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

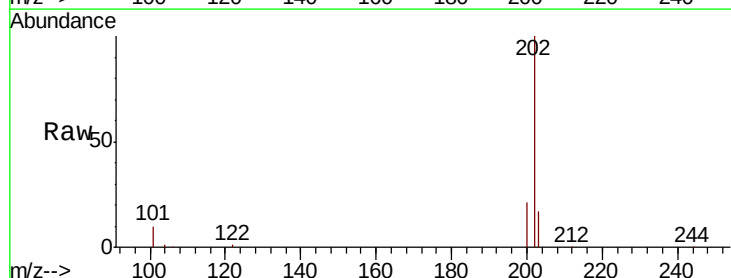
Tgt Ion:202 Resp: 23217

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

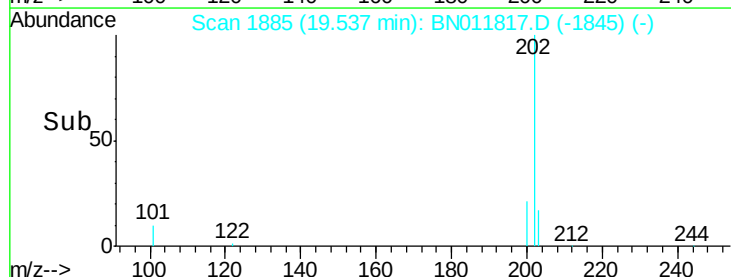
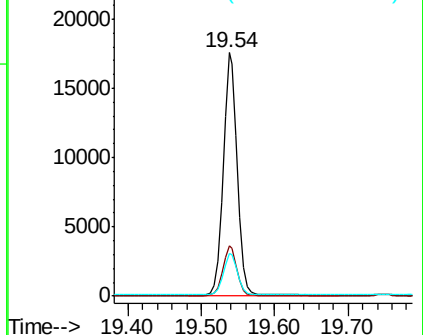
203 17.4 13.9 20.9

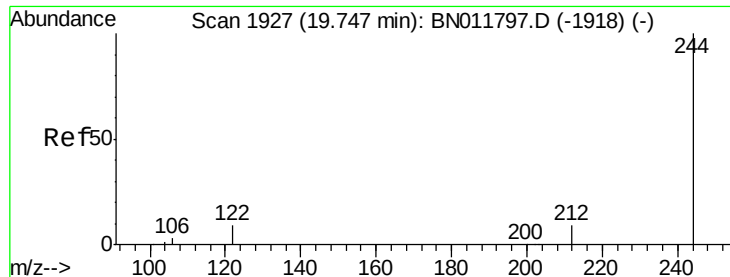


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.648 ng

RT: 19.75 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

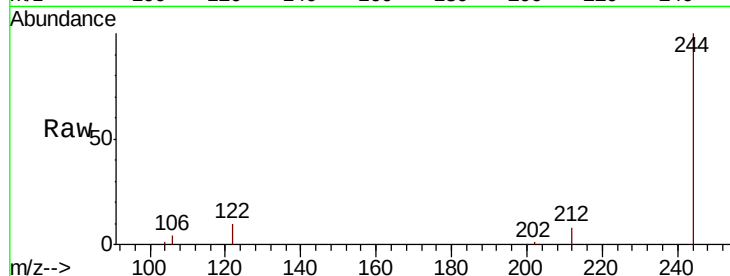
Tot Ion:244 Resp: 27331

Ion Ratio Lower Upper

244 100

212 8.3 7.3 10.9

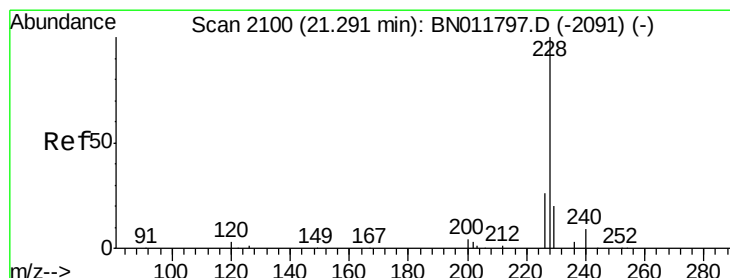
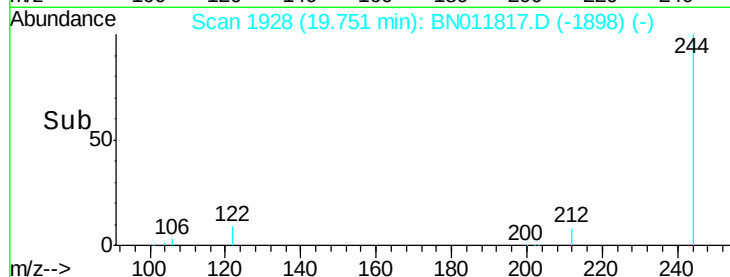
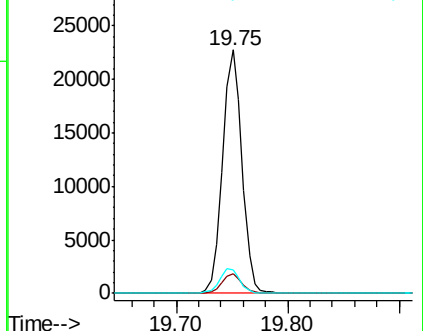
122 9.5 7.8 11.6



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



#32

Benzo(a)anthracene

Concen: 0.457 ng

RT: 21.29 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

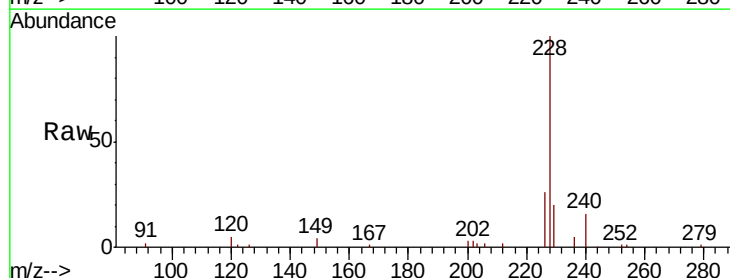
Tgt Ion:228 Resp: 26012

Ion Ratio Lower Upper

228 100

226 26.0 21.0 31.4

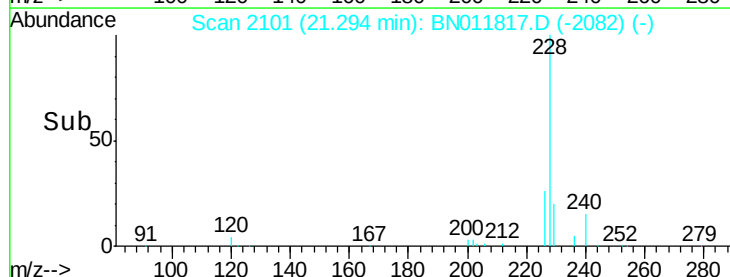
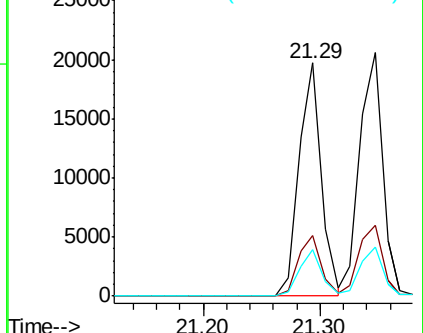
229 20.1 16.0 24.0

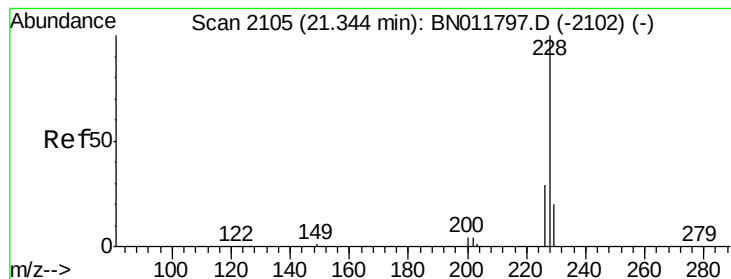


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.465 ng

RT: 21.35 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

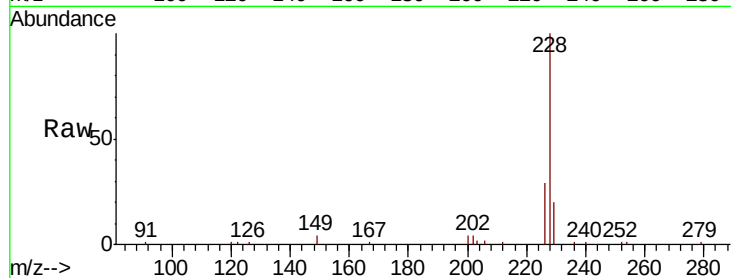
Tot Ion:228 Resp: 27757

Ion Ratio Lower Upper

228 100

226 28.9 23.3 34.9

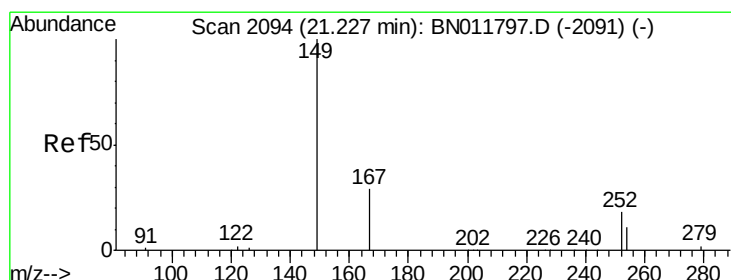
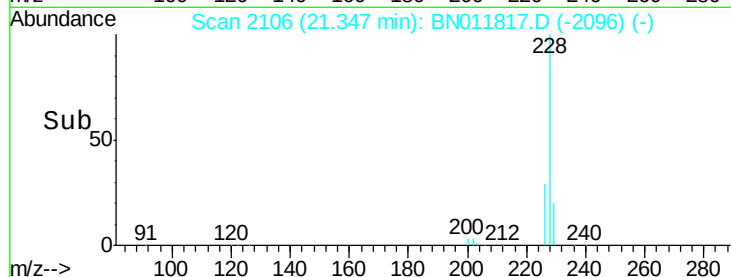
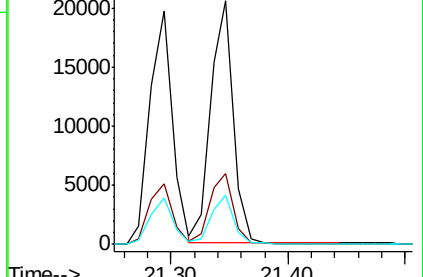
229 20.0 15.8 23.8



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: 0.446 ng

RT: 21.23 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

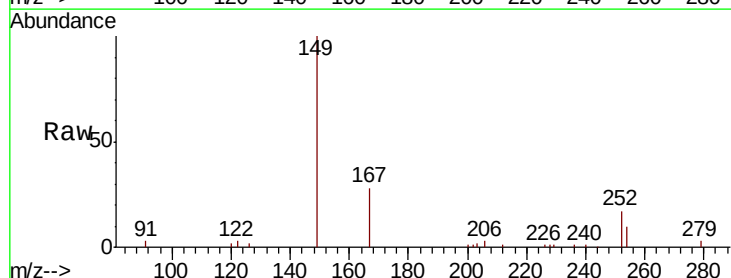
Tgt Ion:149 Resp: 11372

Ion Ratio Lower Upper

149 100

167 28.4 23.6 35.4

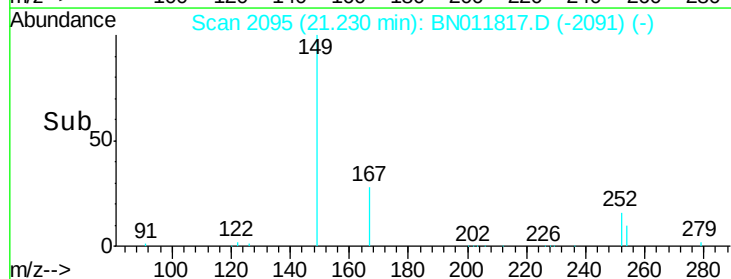
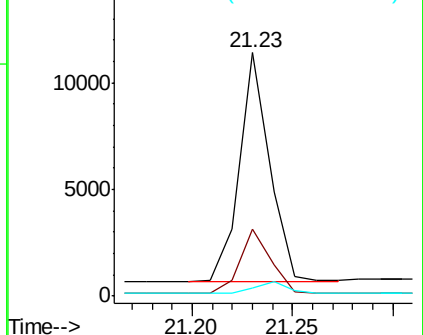
279 5.1 4.0 6.0

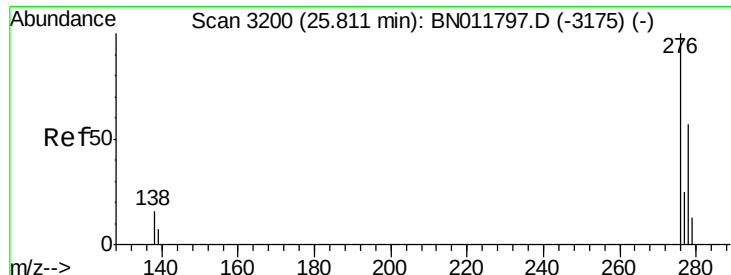


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

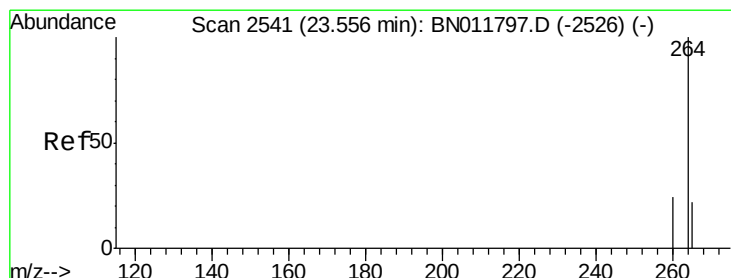
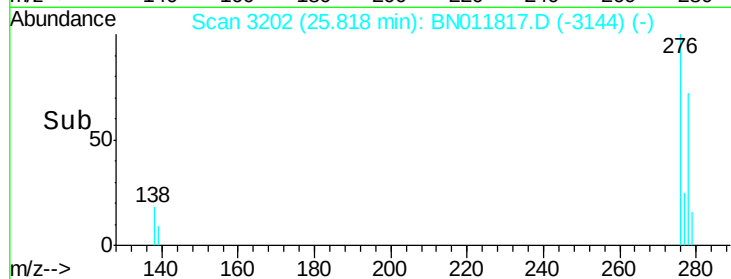
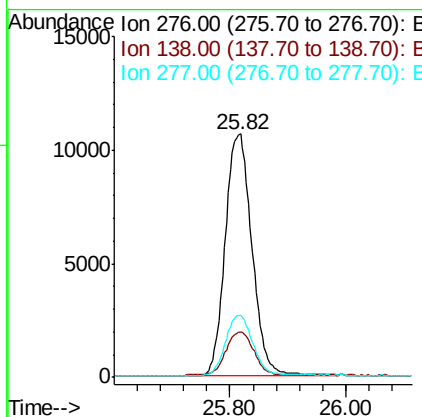
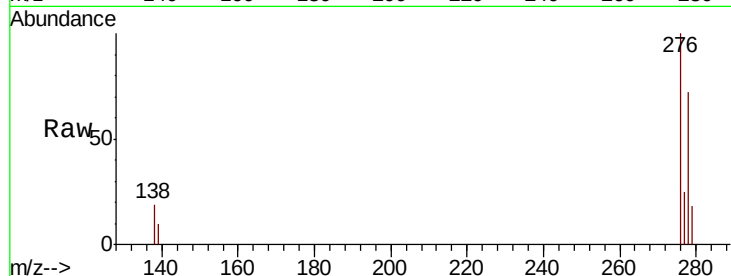




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.437 ng
 RT: 25.82 min Scan# 3202
 Delta R.T. -0.00 min
 Lab File: BN011817.D
 Acq: 16 Sep 2020 17:30

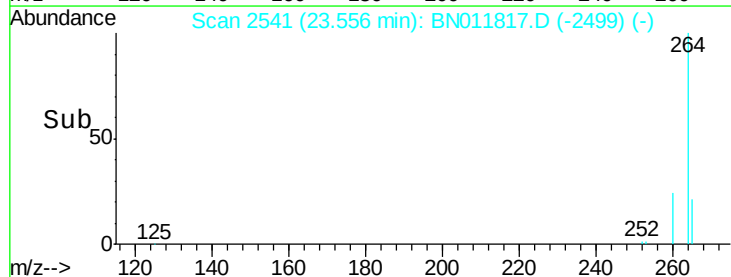
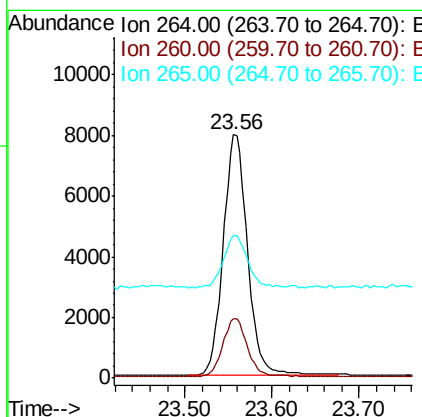
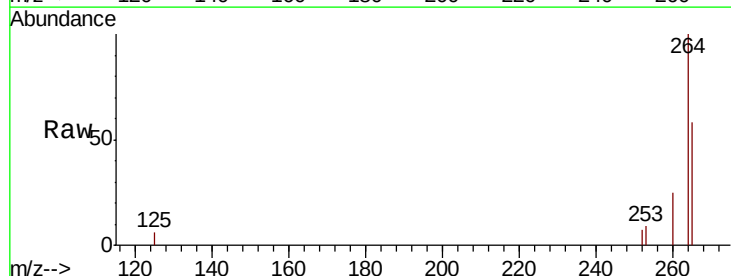
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

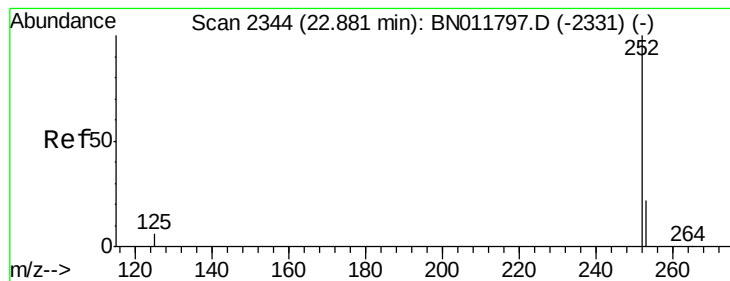
Tot Ion:276 Resp: 34256
 Ion Ratio Lower Upper
 276 100
 138 18.7 13.0 19.4
 277 25.0 20.0 30.0



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.56 min Scan# 2541
 Delta R.T. -0.01 min
 Lab File: BN011817.D
 Acq: 16 Sep 2020 17:30

Tgt Ion:264 Resp: 15393
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 58.5 38.6 58.0#





#37

Benzo(b)fluoranthene

Concen: 0.458 ng

RT: 22.88 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

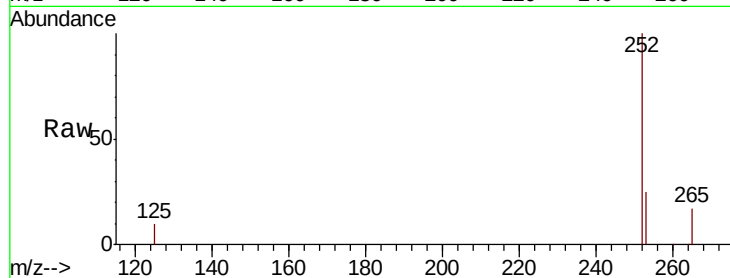
Tot Ion:252 Resp: 29053

Ion Ratio Lower Upper

252 100

253 24.9 19.1 28.7

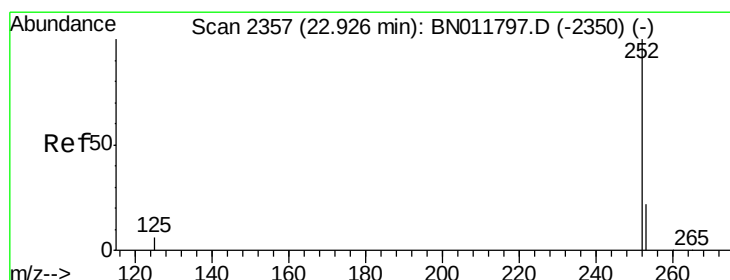
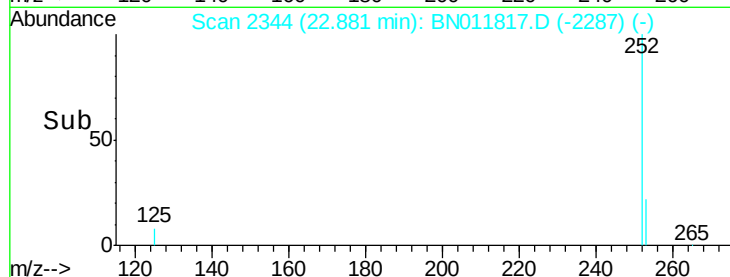
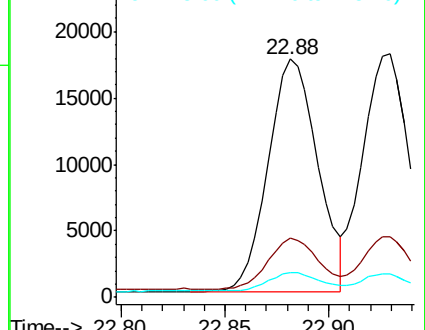
125 10.2 6.2 9.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(k)fluoranthene

Concen: 0.451 ng

RT: 22.93 min Scan# 2358

Delta R.T. -0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

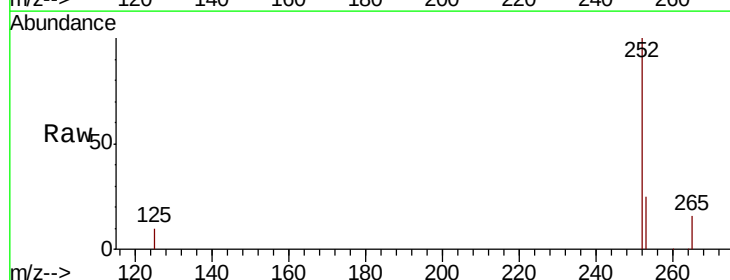
Tgt Ion:252 Resp: 28657

Ion Ratio Lower Upper

252 100

253 24.9 19.3 28.9

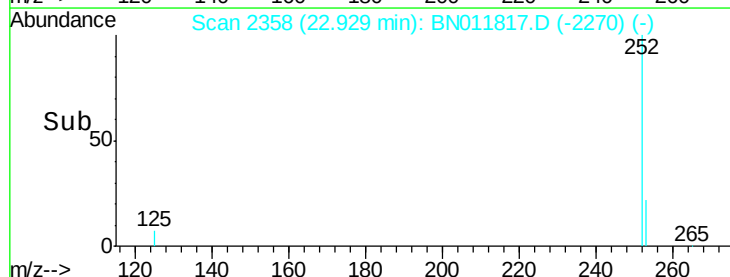
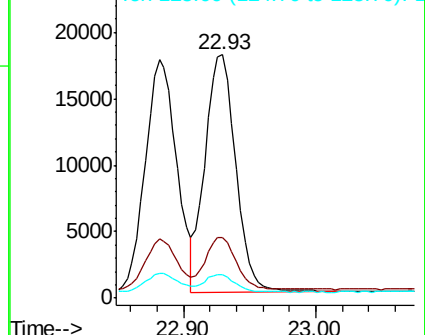
125 9.5 6.0 9.0#

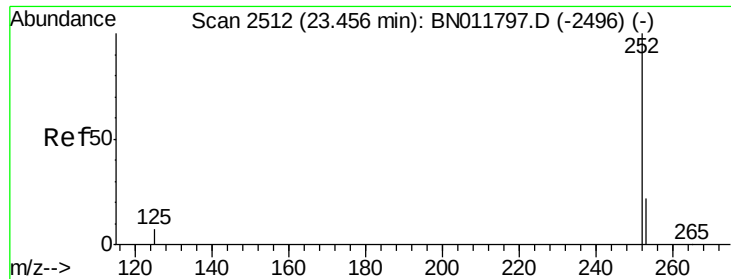


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.457 ng

RT: 23.46 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

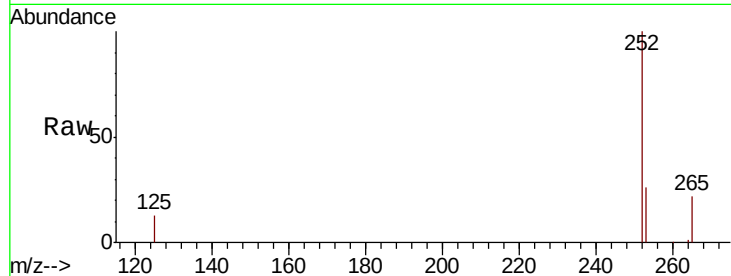
Tot Ion:252 Resp: 25452

Ion Ratio Lower Upper

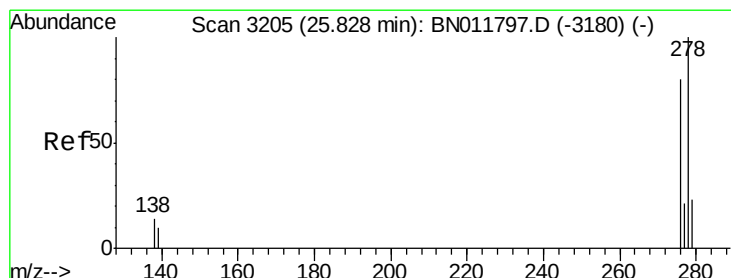
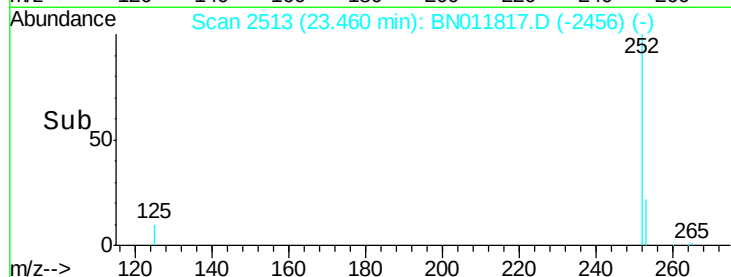
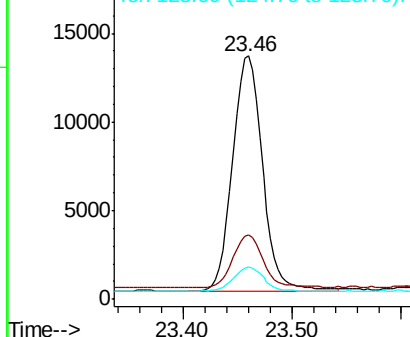
252 100

253 26.3 19.8 29.6

125 13.1 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: 0.446 ng

RT: 25.83 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BN011817.D

Acq: 16 Sep 2020 17:30

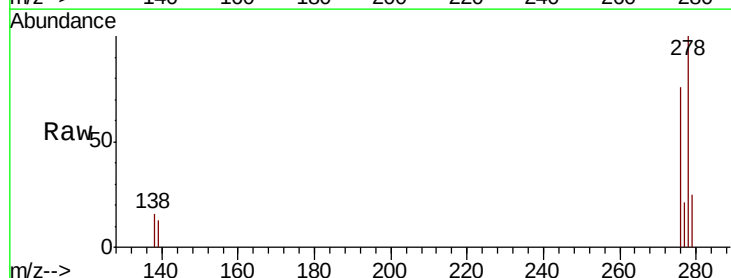
Tgt Ion:278 Resp: 28718

Ion Ratio Lower Upper

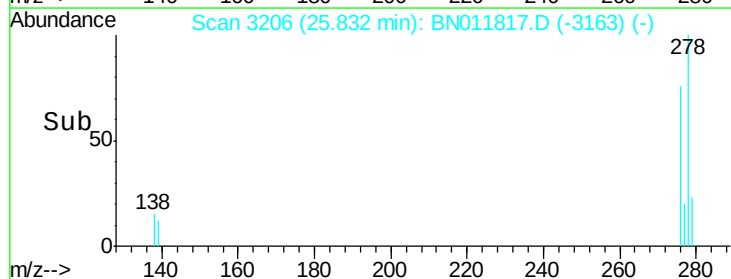
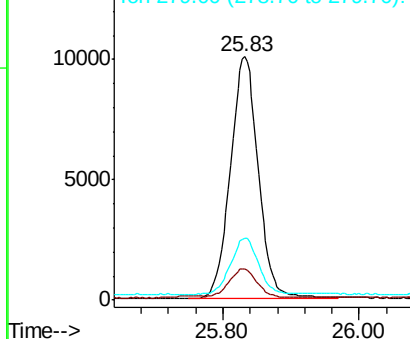
278 100

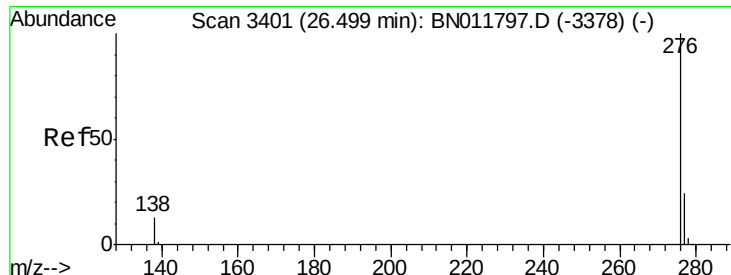
139 12.9 8.6 13.0

279 25.4 19.8 29.8



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





#41

Benzo(a,h,i)perylene

Concen: 0.445 ng

RT: 26.51 min Scan# 3403

Delta R.T. -0.00 min

Lab File: BN011817.D

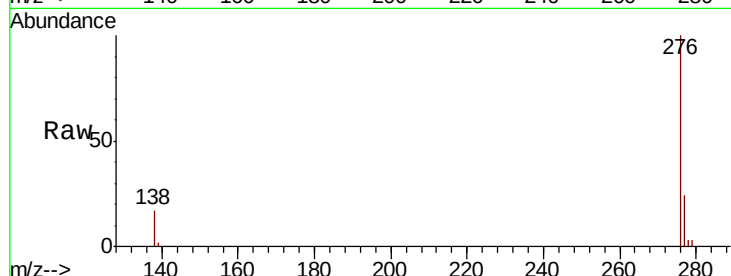
Acq: 16 Sep 2020 17:30

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



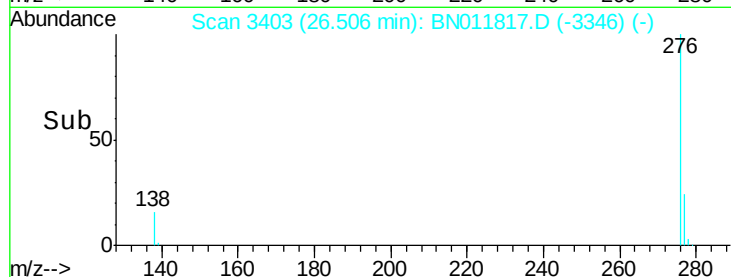
Tot Ion: 276 Resp: 28582

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.0

138 17.0 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

