

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062620\
 Data File : BN011056.D
 Acq On : 26 Jun 2020 11:21
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4

Quant Time: Jun 26 12:01:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 11:59:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2199	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	7875	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	4096	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	8457	0.40	ng	0.00
29) Chrysene-d12	21.11	240	8008	0.40	ng	0.00
36) Perylene-d12	23.25	264	7865	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2562	0.41	ng	0.00
5) Phenol-d6	6.73	99	3023	0.41	ng	0.00
8) Nitrobenzene-d5	8.66	82	2617	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	5319	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	690	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	7856	0.41	ng	0.00
27) Fluoranthene-d10	18.94	212	10321	0.39	ng	0.00
31) Terphenyl-d14	19.56	244	8826	0.41	ng	0.00

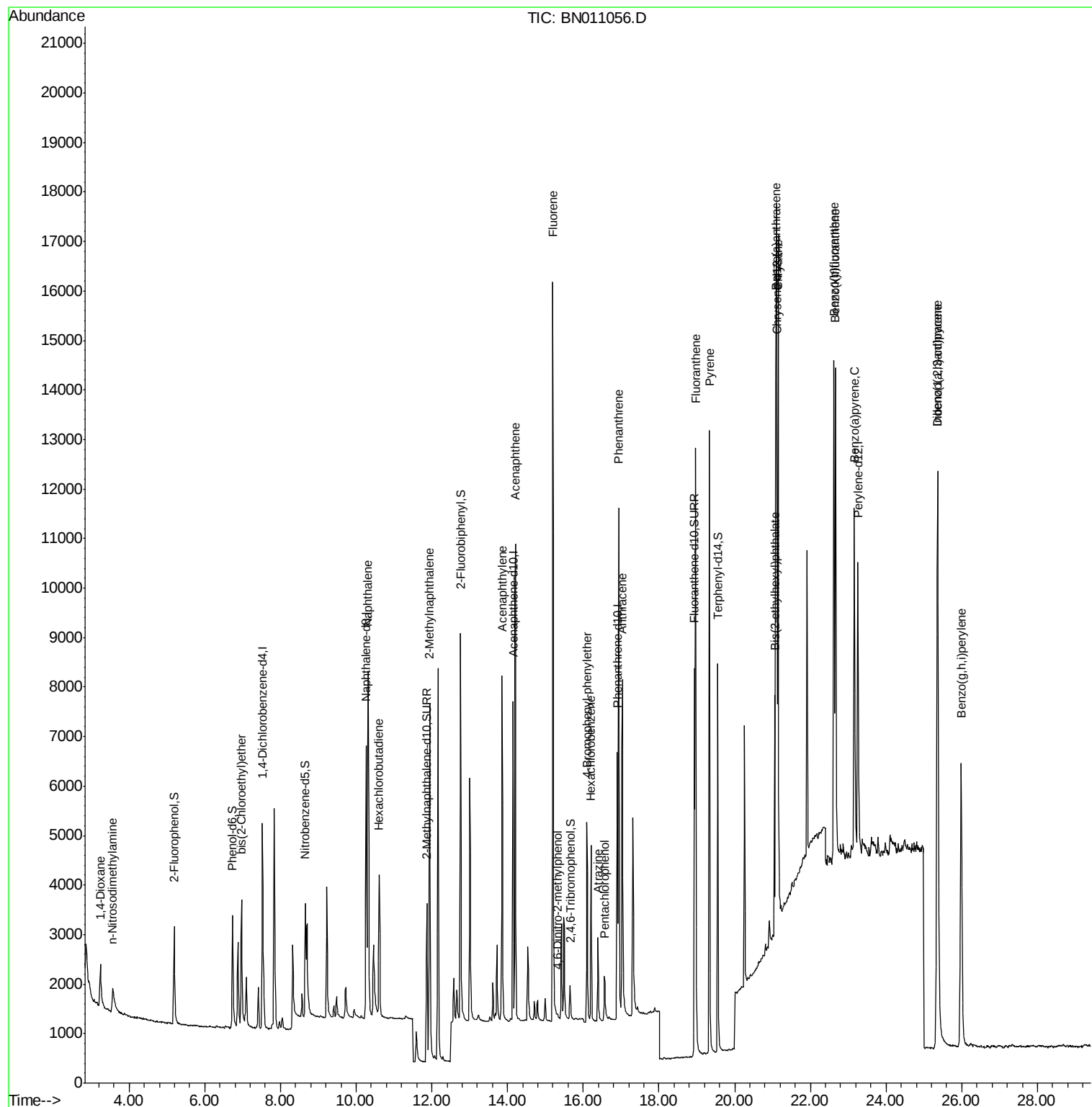
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1215	0.411	ng	98
3) n-Nitrosodimethylamine	3.56	42	626	0.380	ng	89
6) bis(2-Chloroethyl)ether	6.97	93	2709	0.427	ng	99
9) Naphthalene	10.32	128	9292	0.388	ng	99
10) Hexachlorobutadiene	10.61	225	2236	0.388	ng	# 98
12) 2-Methylnaphthalene	11.94	142	6106	0.381	ng	99
16) Acenaphthylene	13.85	152	8308	0.402	ng	100
17) Acenaphthene	14.21	154	5641	0.407	ng	99
18) Fluorene	15.20	166	6978	0.395	ng	100
20) 4,6-Dinitro-2-methylphenol	15.31	198	114	0.080	ng	# 7
21) 4-Bromophenyl-phenylether	16.10	248	2323	0.397	ng	95
22) Hexachlorobenzene	16.20	284	2623	0.406	ng	99
23) Atrazine	16.39	200	1618	0.374	ng	98
24) Pentachlorophenol	16.57	266	726	0.355	ng	92
25) Phenanthrene	16.93	178	11126	0.390	ng	100
26) Anthracene	17.03	178	9245	0.391	ng	99
28) Fluoranthene	18.97	202	12260	0.376	ng	100
30) Pyrene	19.33	202	12405	0.403	ng	100
32) Benzo(a)anthracene	21.10	228	11394	0.411	ng	98
33) Chrysene	21.14	228	12777	0.423	ng	99
34) Bis(2-ethylhexyl)phthalate	21.06	149	4795	0.430	ng	99
35) Indeno(1,2,3-cd)pyrene	25.35	276	14524	0.432	ng	100
37) Benzo(b)fluoranthene	22.62	252	12435	0.400	ng	97
38) Benzo(k)fluoranthene	22.67	252	12998	0.402	ng	97
39) Benzo(a)pyrene	23.16	252	10965	0.397	ng	95
40) Dibenzo(a,h)anthracene	25.36	278	11718	0.393	ng	97
41) Benzo(g,h,i)perylene	25.99	276	12124	0.393	ng	98

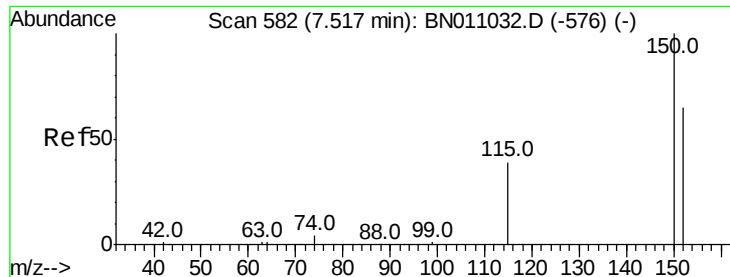
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062620\
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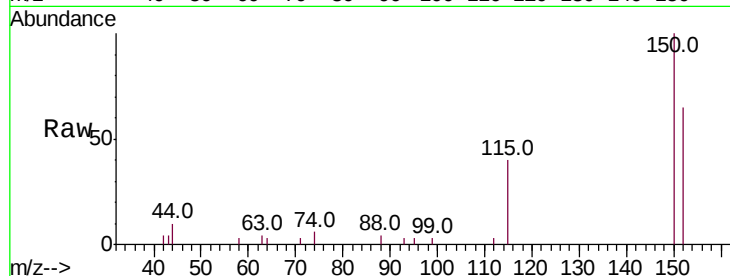


#1

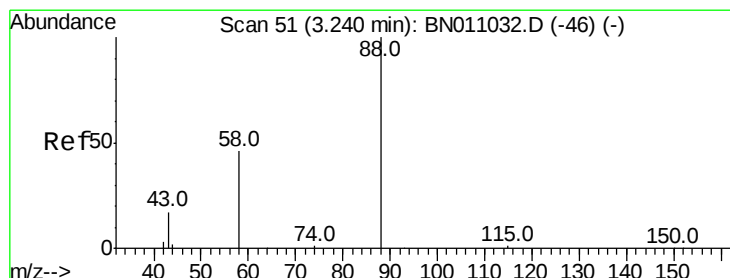
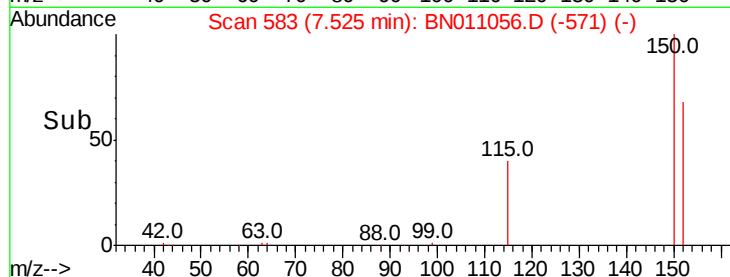
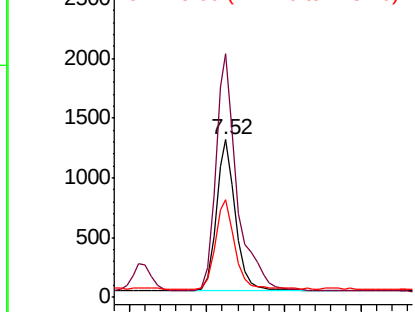
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BN011056.D
Acq: 26 Jun 2020 11:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 2199
Ion Ratio Lower Upper
152 100
150 154.6 121.8 182.8
115 61.9 50.2 75.2



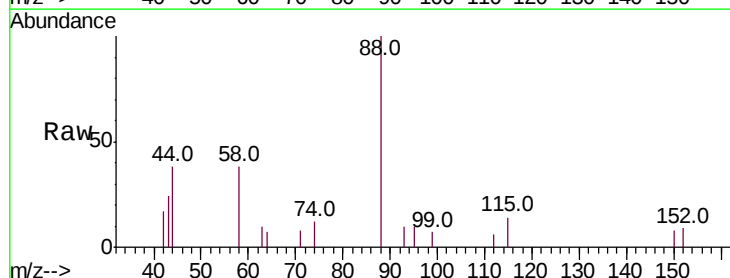
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



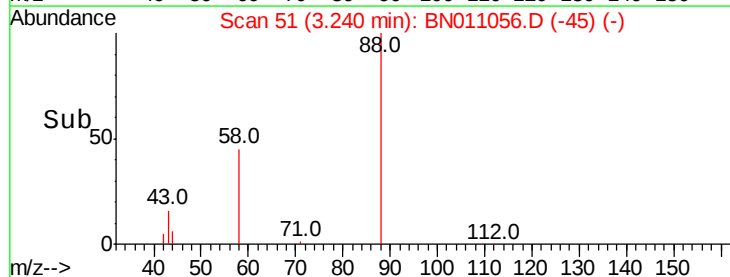
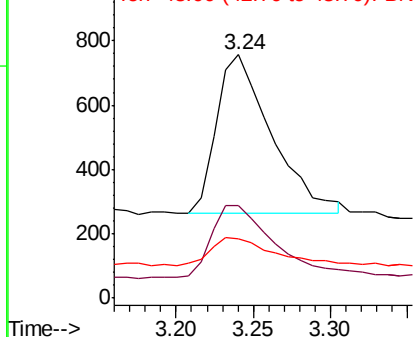
#2

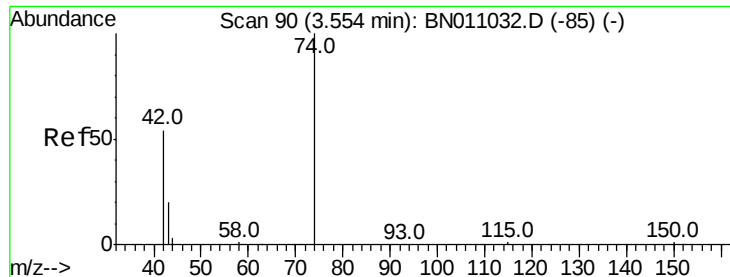
1,4-Dioxane
Concen: 0.411 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011056.D
Acq: 26 Jun 2020 11:21

Tgt Ion: 88 Resp: 1215
Ion Ratio Lower Upper
88 100
58 48.6 38.4 57.6
43 16.0 14.2 21.4



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.380 ng

RT: 3.56 min Scan# 91

Delta R.T. 0.00 min

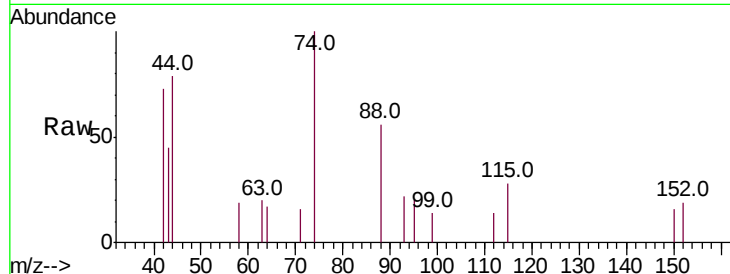
Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion: 42 Resp: 626

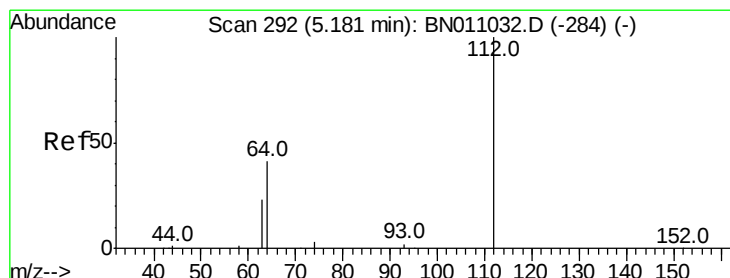
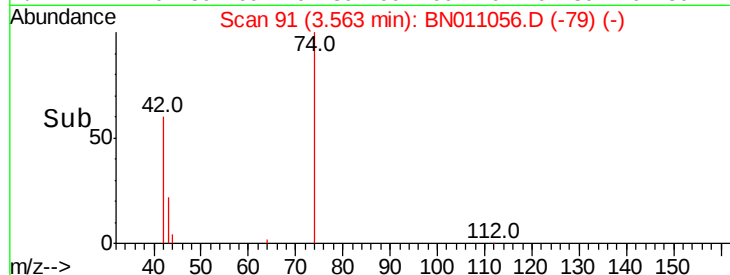
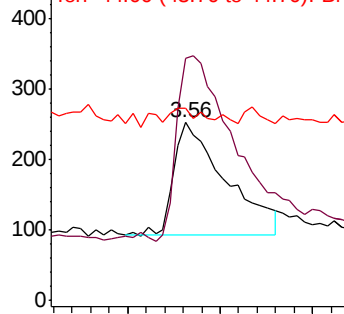
Ion	Ratio	Lower	Upper
42	100		
74	176.4	154.8	232.2
44	7.2	4.8	7.2



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.413 ng

RT: 5.19 min Scan# 293

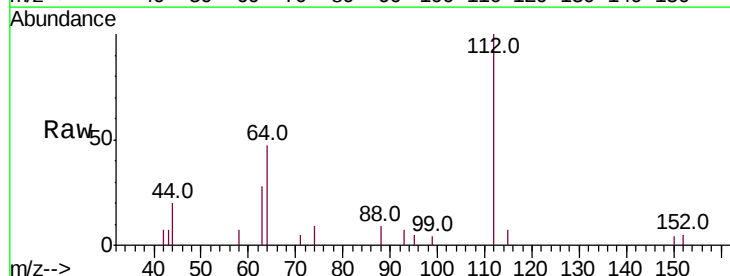
Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Tgt Ion: 112 Resp: 2562

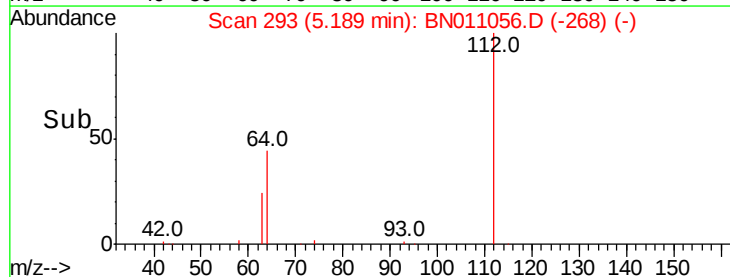
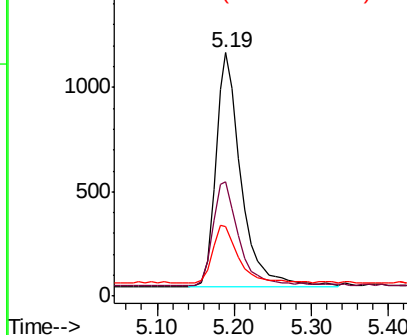
Ion	Ratio	Lower	Upper
112	100		
64	46.1	37.3	55.9
63	24.7	20.4	30.6

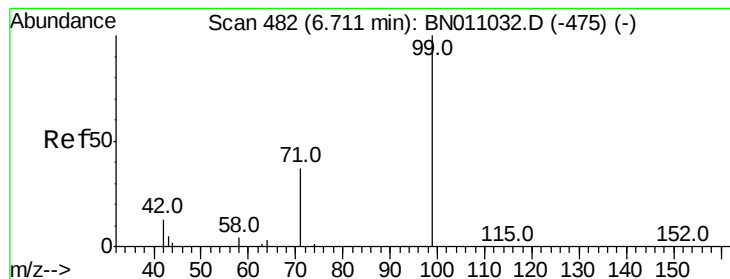


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.412 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

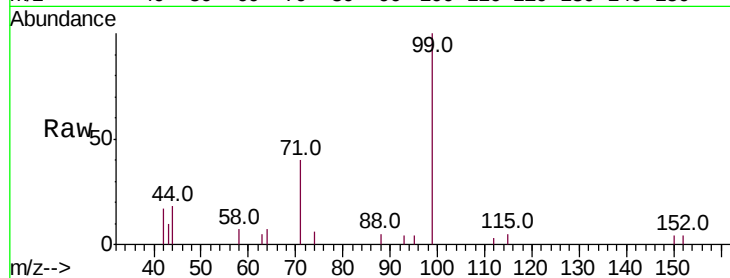
Tot Ion: 99 Resp: 3023

Ion Ratio Lower Upper

99 100

42 13.2 10.6 16.0

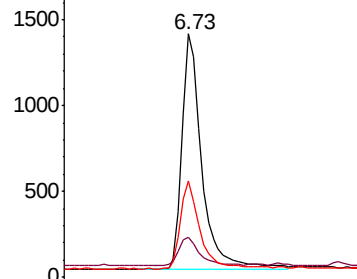
71 36.3 28.7 43.1



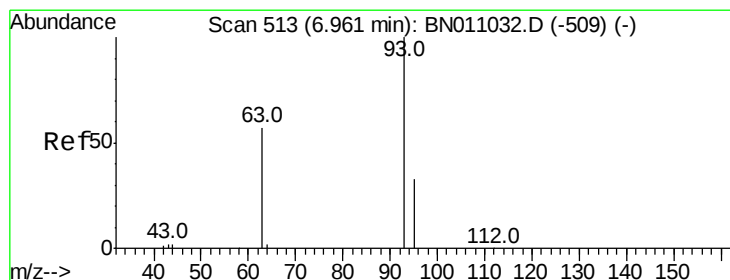
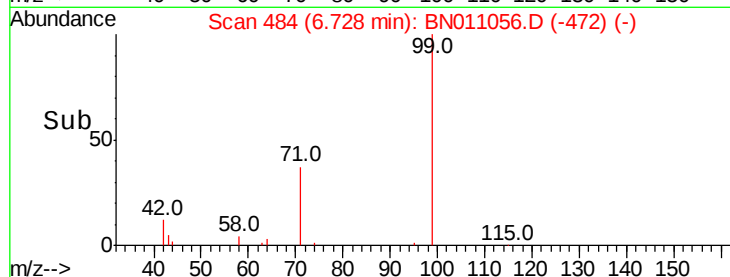
Abundance Ion 99.00 (98.70 to 99.70): BN011032.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011032.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011032.D (-475) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.427 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

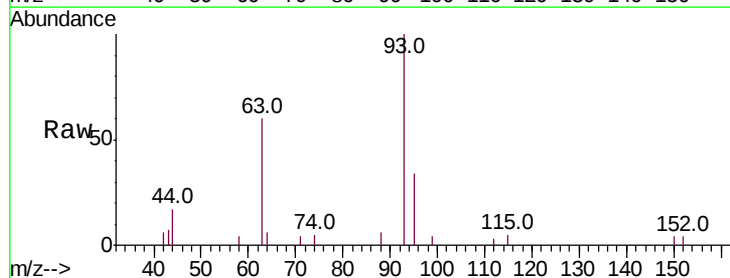
Tgt Ion: 93 Resp: 2709

Ion Ratio Lower Upper

93 100

63 53.9 43.7 65.5

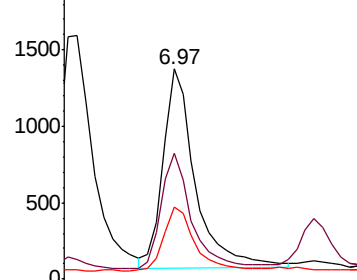
95 31.5 25.3 37.9



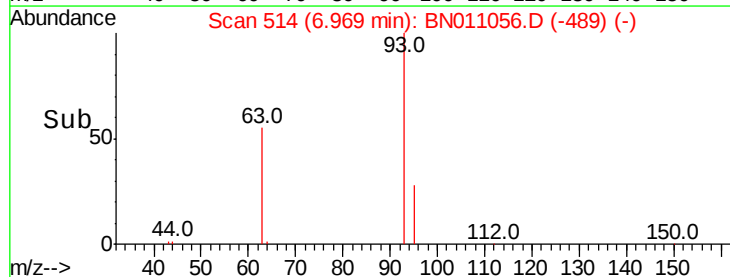
Abundance Ion 93.00 (92.70 to 93.70): BN011032.D (-509) (-)

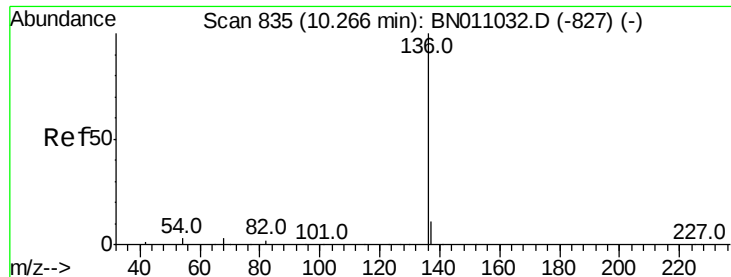
Ion 63.00 (62.70 to 63.70): BN011032.D (-509) (-)

Ion 95.00 (94.70 to 95.70): BN011032.D (-509) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 7875

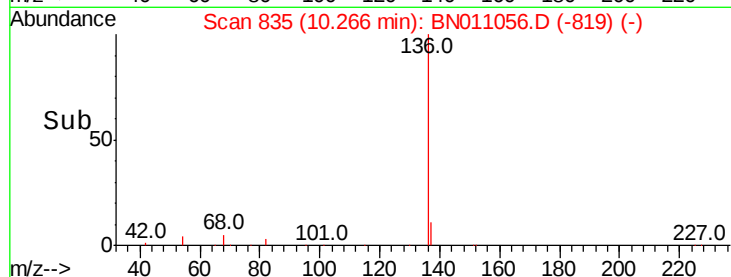
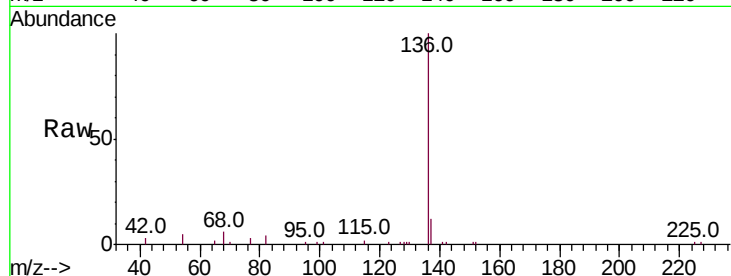
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 5.0 3.0 4.4#

68 5.7 3.4 5.2#

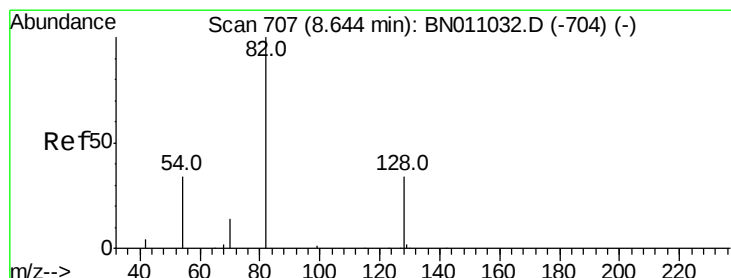
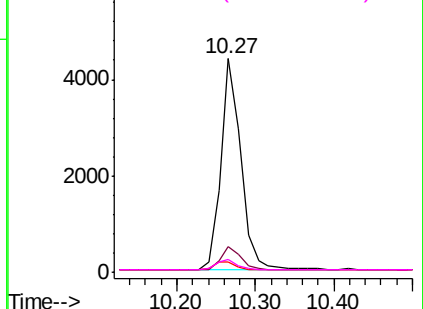


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.365 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

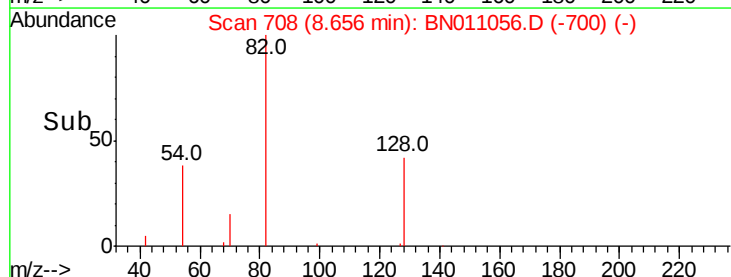
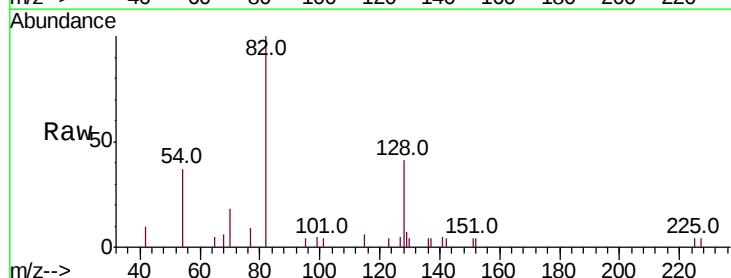
Tgt Ion: 82 Resp: 2617

Ion Ratio Lower Upper

82 100

128 41.2 29.4 44.2

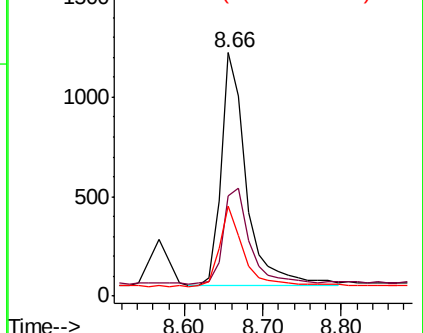
54 36.8 28.8 43.2

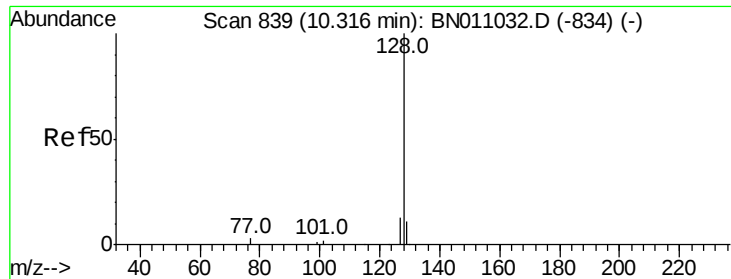


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.388 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

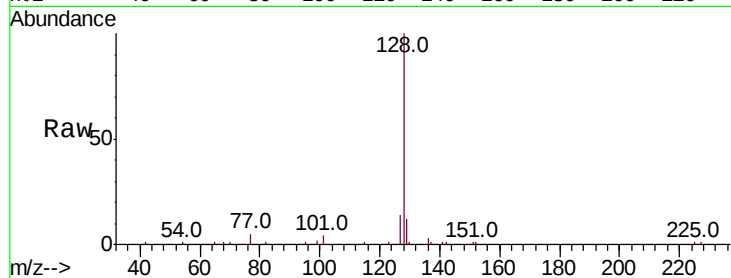
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:128 Resp: 9292

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.7	10.9	16.3

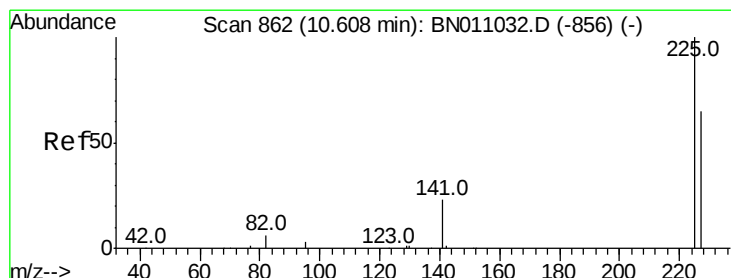
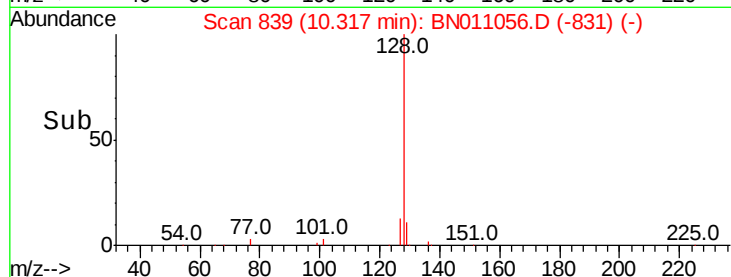
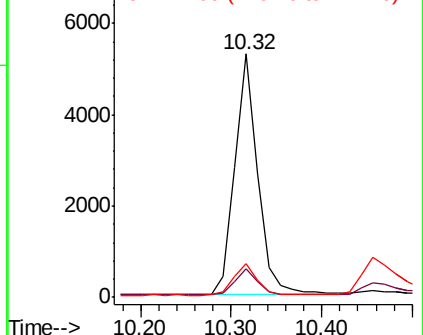


Abundance

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: 0.388 ng

RT: 10.61 min Scan# 862

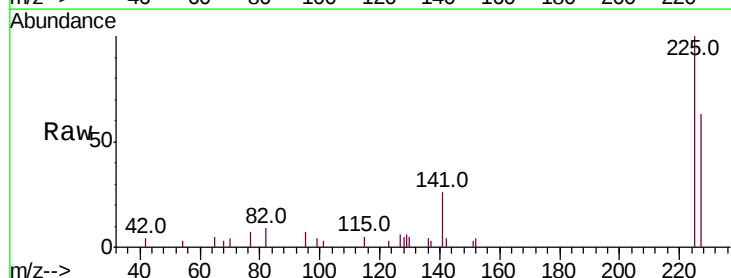
Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Tgt Ion:225 Resp: 2236

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	51.7	77.5

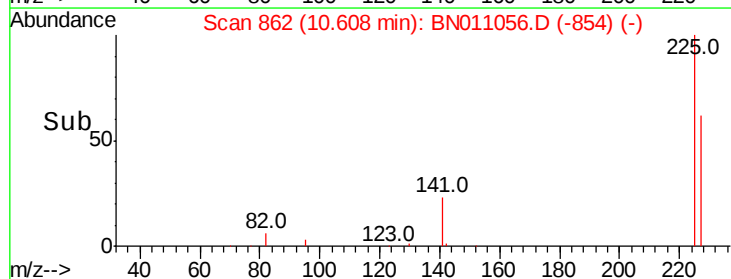
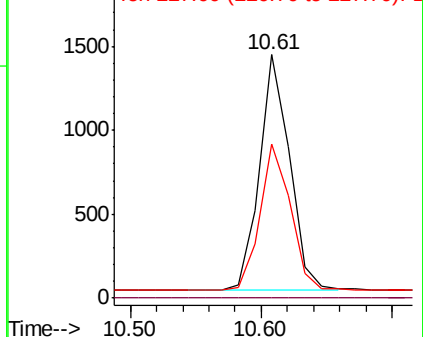


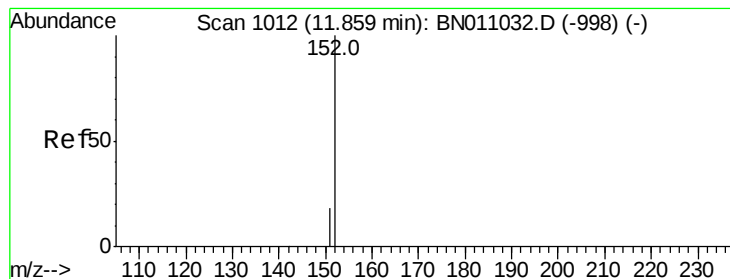
Abundance

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: 0.383 ng

RT: 11.86 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

BNA_N

ClientSampleId :

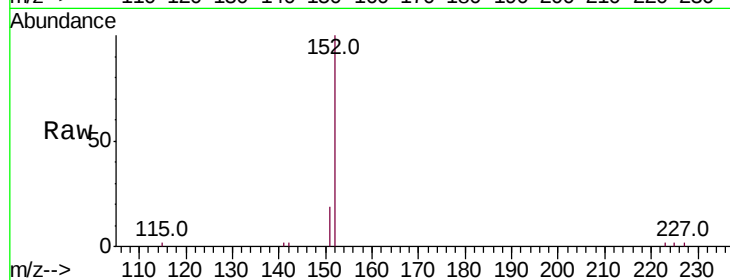
SSTDCCC0.4

Tot Ion:152 Resp: 5319

Ion Ratio Lower Upper

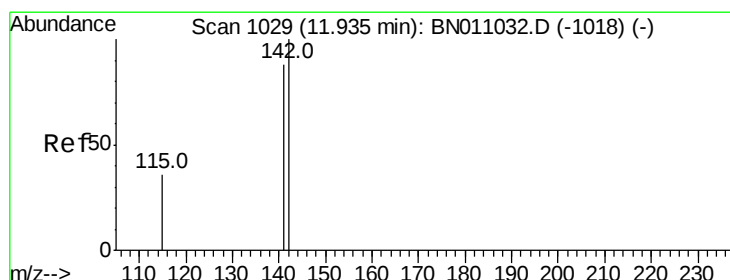
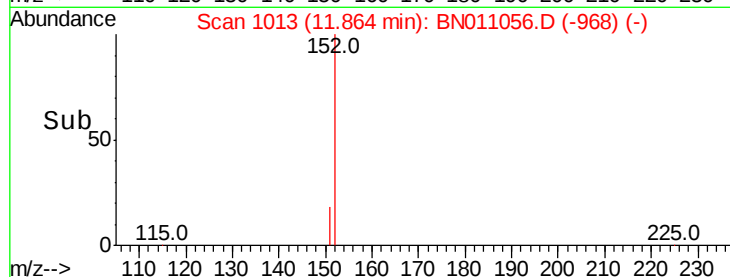
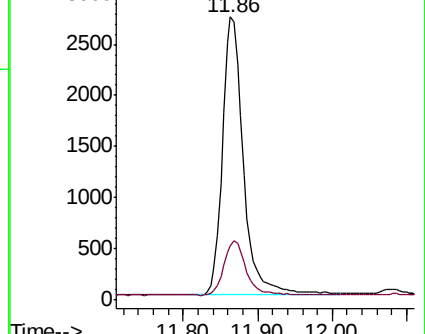
152 100

151 20.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.381 ng

RT: 11.94 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

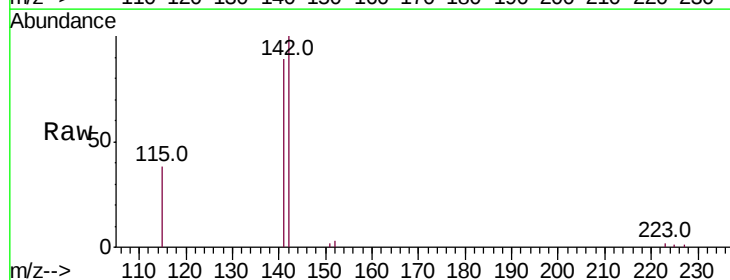
Tgt Ion:142 Resp: 6106

Ion Ratio Lower Upper

142 100

141 89.5 70.6 106.0

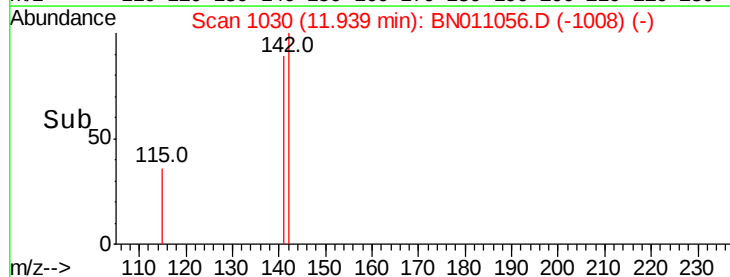
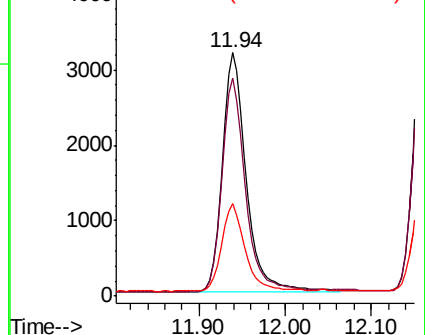
115 38.0 30.2 45.2

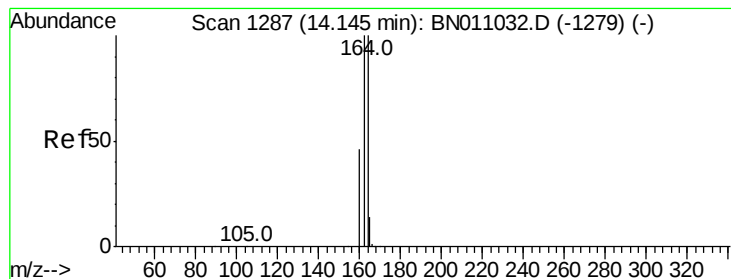


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.14 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

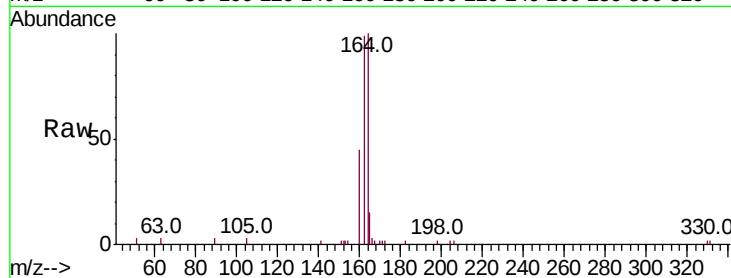
Tot Ion:164 Resp: 4096

Ion Ratio Lower Upper

164 100

162 98.7 80.2 120.4

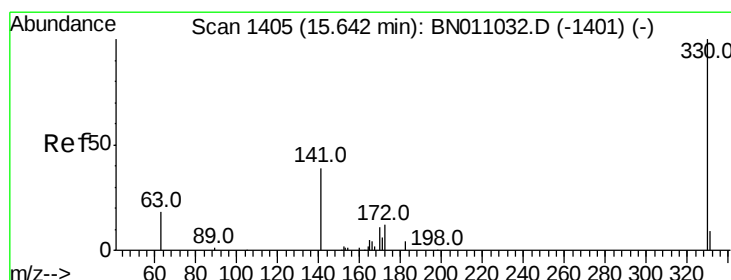
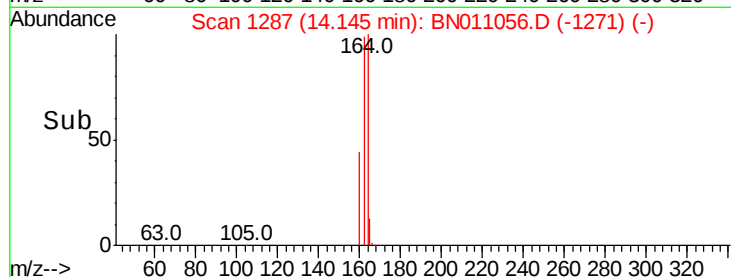
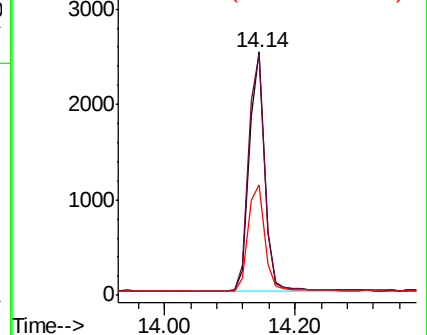
160 45.2 37.7 56.5



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: 0.383 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

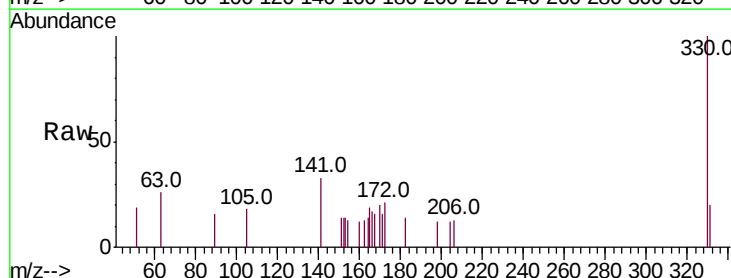
Tgt Ion:330 Resp: 690

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

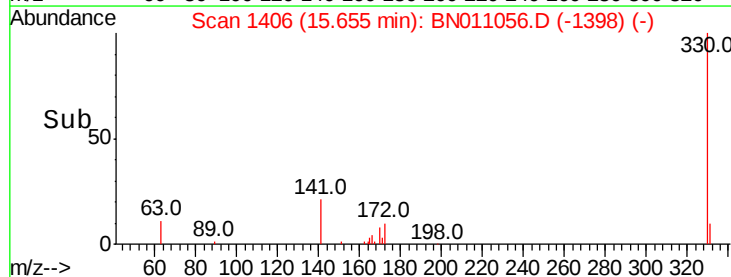
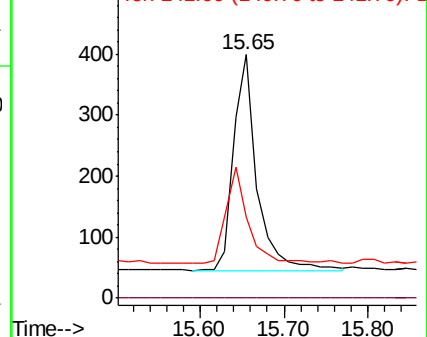
141 41.9 34.5 51.7

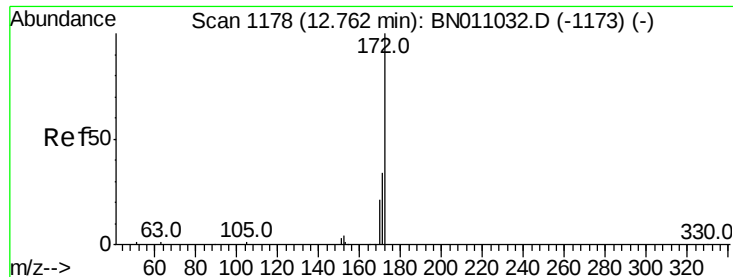


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

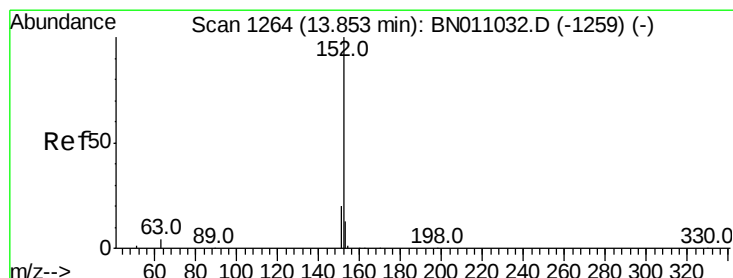
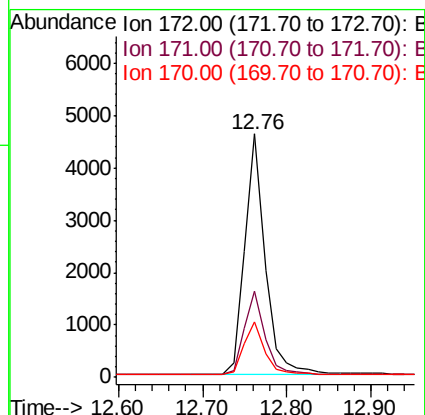
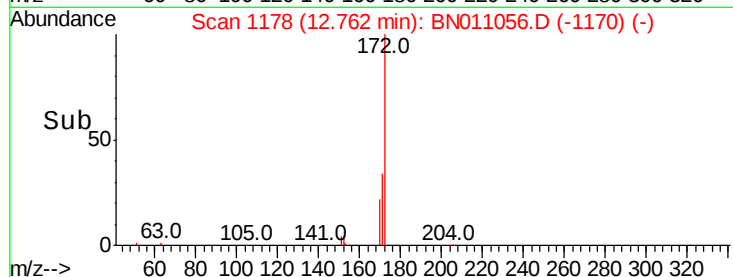
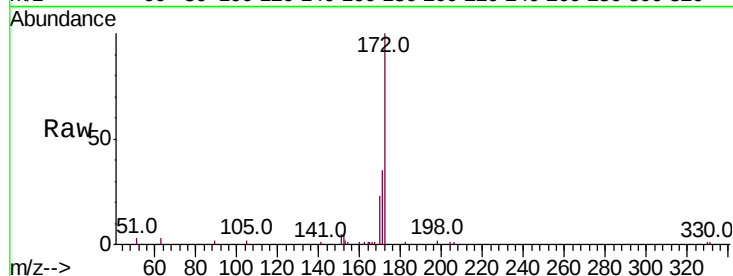




#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN011056.D
Acq: 26 Jun 2020 11:21

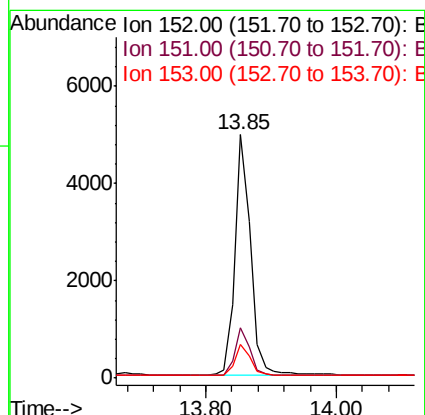
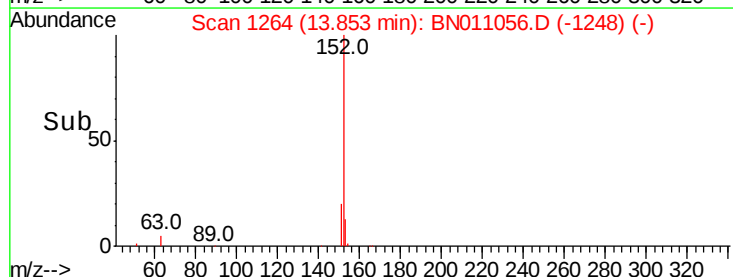
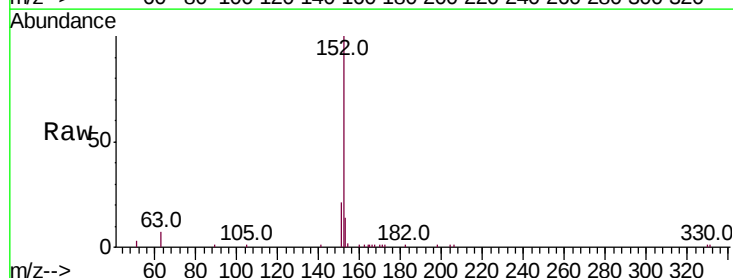
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

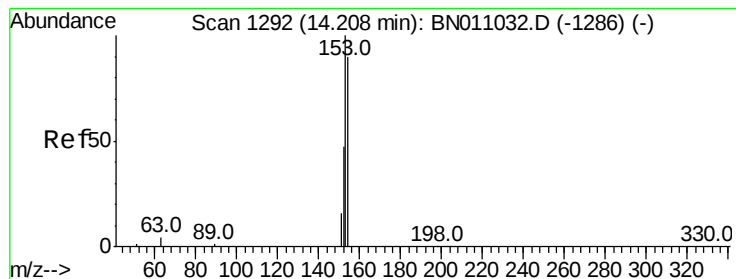
Tot Ion:172 Resp: 7856
Ion Ratio Lower Upper
172 100
171 35.2 27.4 41.2
170 23.0 17.5 26.3



#16
Acenaphthylene
Concen: 0.402 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011056.D
Acq: 26 Jun 2020 11:21

Tgt Ion:152 Resp: 8308
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 12.8 10.2 15.2





#17

Acenaphthene

Concen: 0.407 ng

RT: 14.21 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

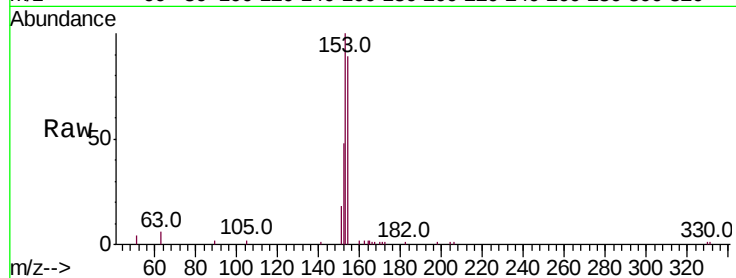
Tot Ion:154 Resp: 5641

Ion Ratio Lower Upper

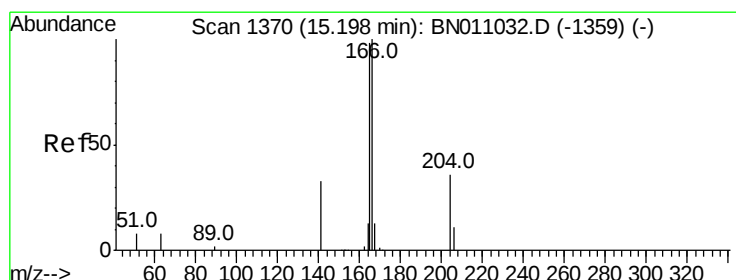
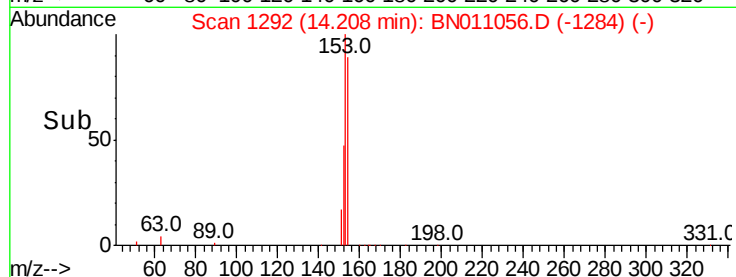
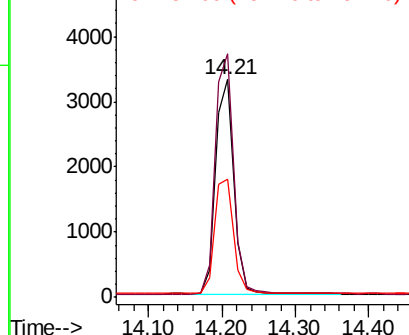
154 100

153 114.1 92.3 138.5

152 56.6 45.5 68.3



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: 0.395 ng

RT: 15.20 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

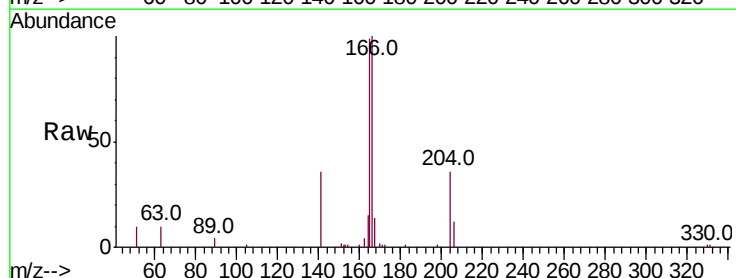
Tgt Ion:166 Resp: 6978

Ion Ratio Lower Upper

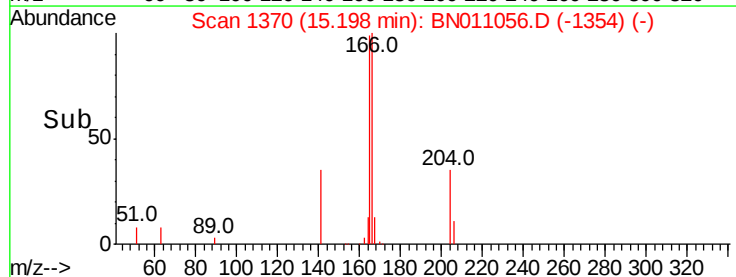
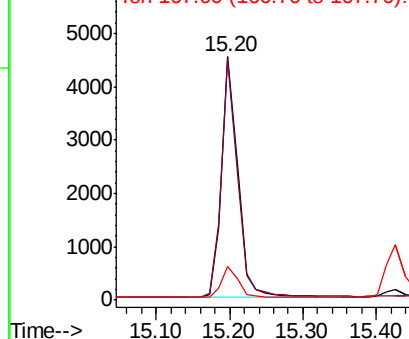
166 100

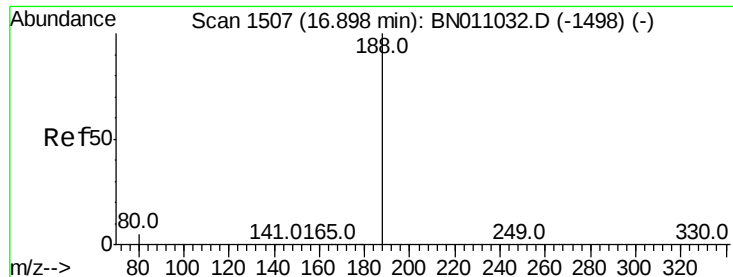
165 97.4 77.8 116.8

167 13.2 10.8 16.2



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: 16.90 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

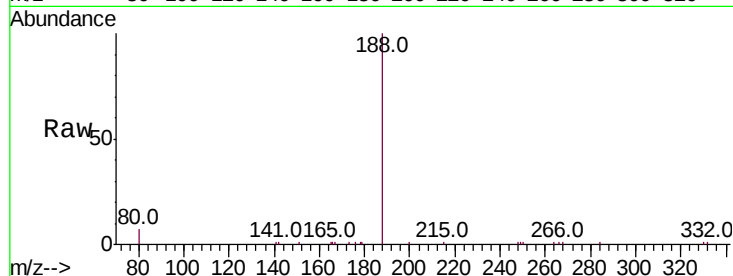
Tot Ion:188 Resp: 8457

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

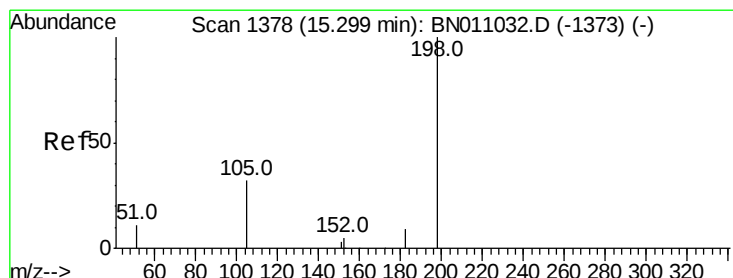
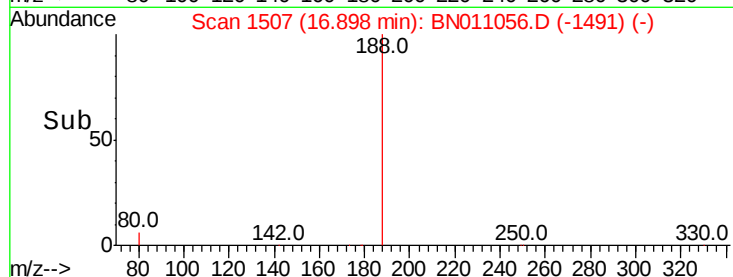
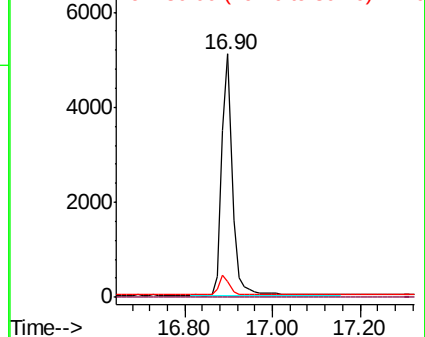
80 6.6 4.6 7.0



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

4,6-Dinitro-2-methylphenol

Concen: 0.080 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

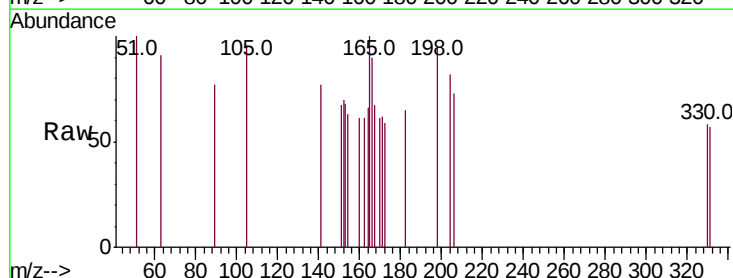
Tgt Ion:198 Resp: 114

Ion Ratio Lower Upper

198 100

51 105.3 29.5 44.3#

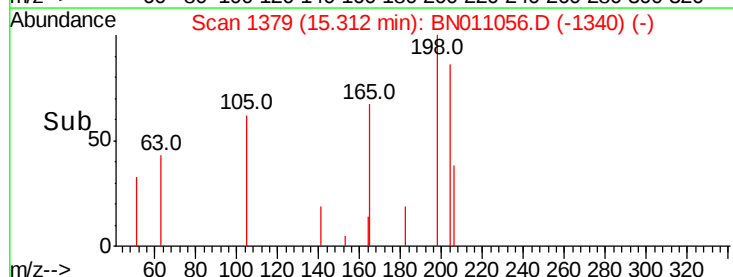
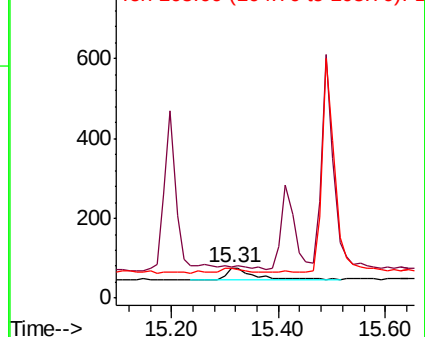
105 101.3 39.2 58.8#

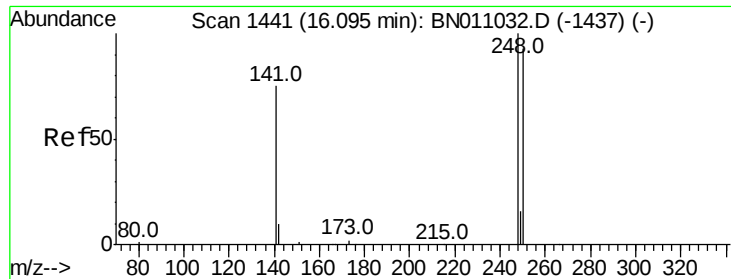


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

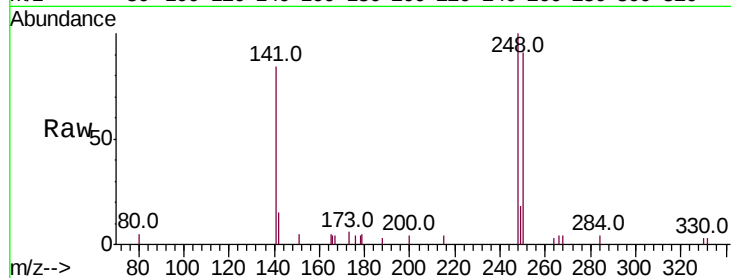




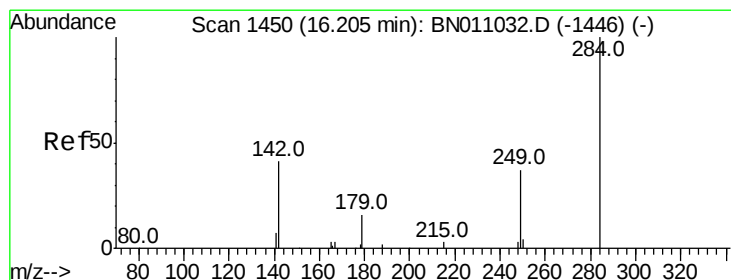
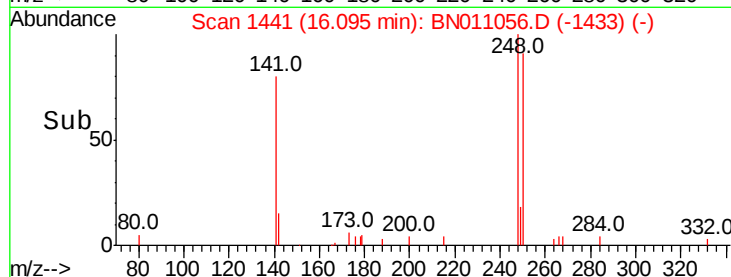
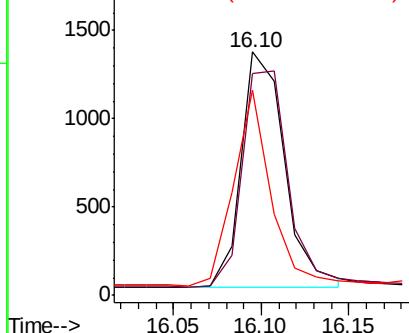
#21
4-Bromophenyl-phenylether
Concen: 0.397 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011056.D
Acq: 26 Jun 2020 11:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:248 Resp: 2323
Ion Ratio Lower Upper
248 100
250 91.2 74.6 111.8
141 84.3 60.9 91.3

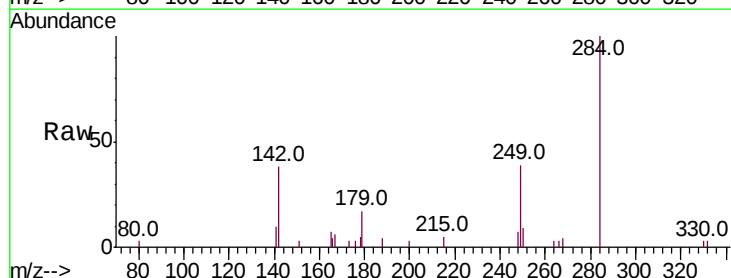


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

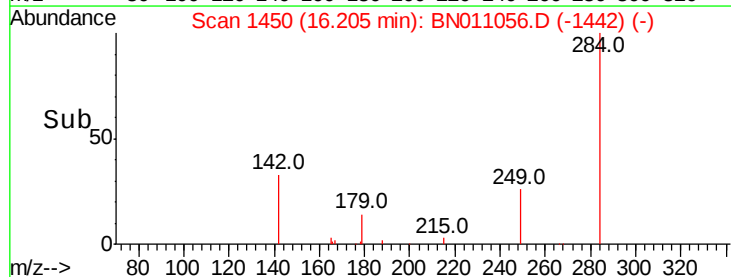
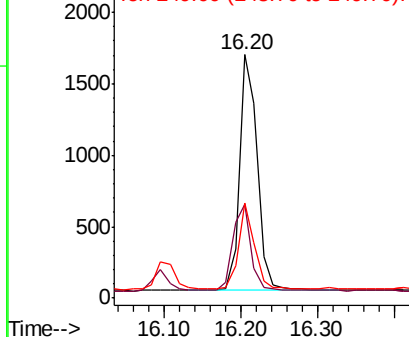


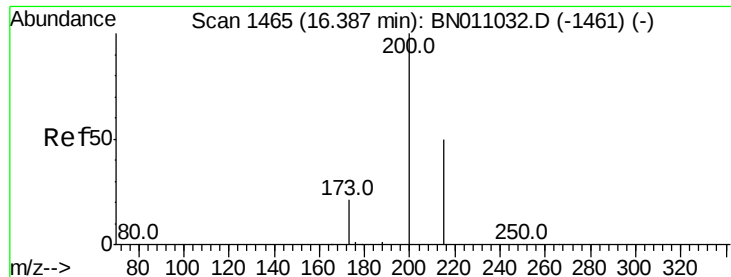
#22
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.20 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BN011056.D
Acq: 26 Jun 2020 11:21

Tgt Ion:284 Resp: 2623
Ion Ratio Lower Upper
284 100
142 37.4 30.4 45.6
249 32.7 27.0 40.4



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





#23

Atrazine

Concen: 0.374 ng

RT: 16.39 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

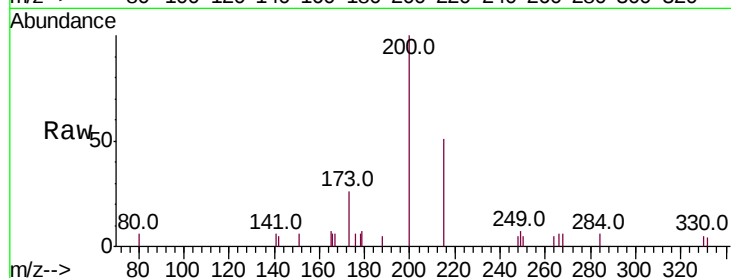
Tot Ion:200 Resp: 1618

Ion Ratio Lower Upper

200 100

173 26.0 19.4 29.2

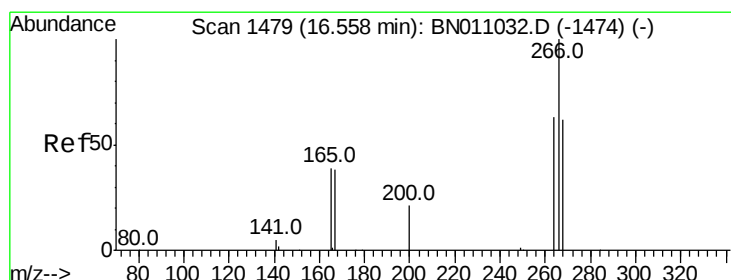
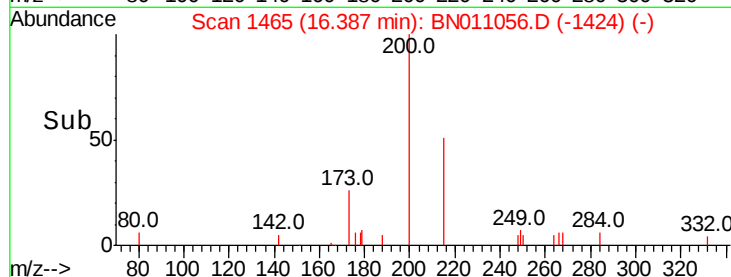
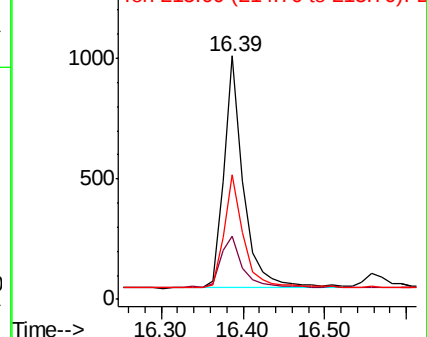
215 51.1 41.5 62.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.355 ng

RT: 16.57 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

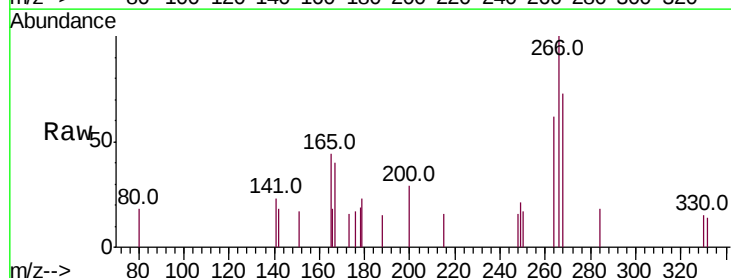
Tgt Ion:266 Resp: 726

Ion Ratio Lower Upper

266 100

264 56.9 51.4 77.0

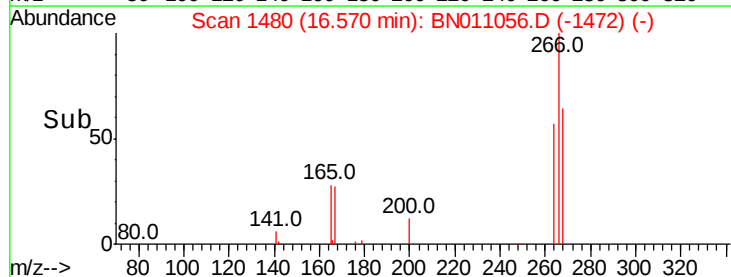
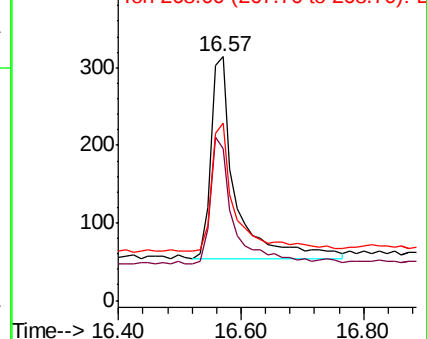
268 62.9 54.9 82.3

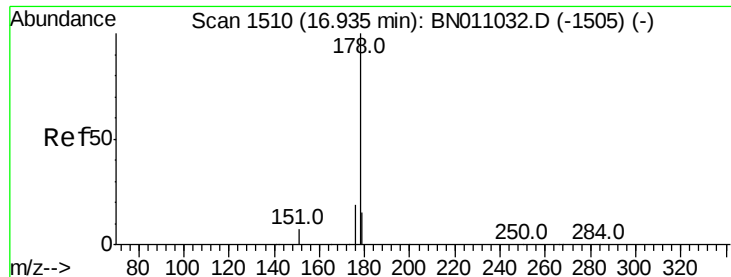


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.390 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

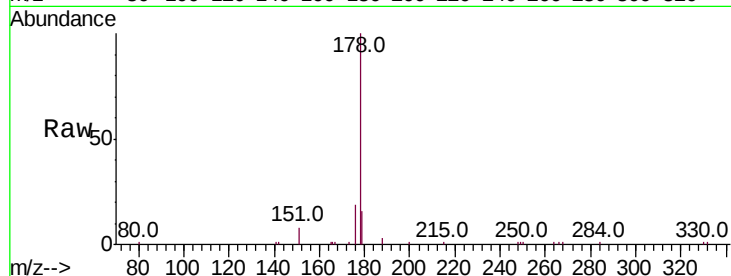
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:178 Resp: 11126

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.6	12.3	18.5

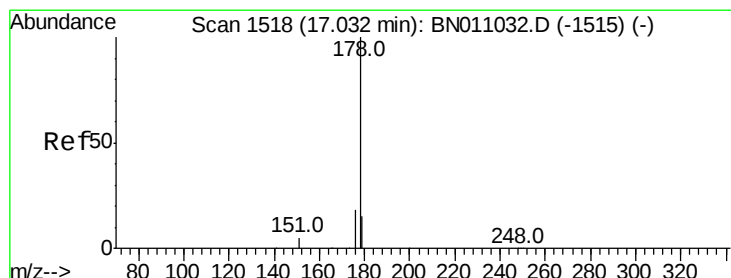
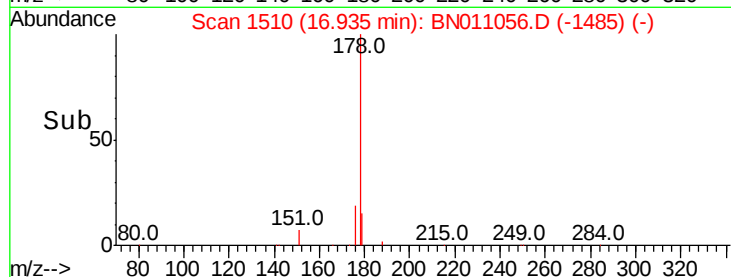
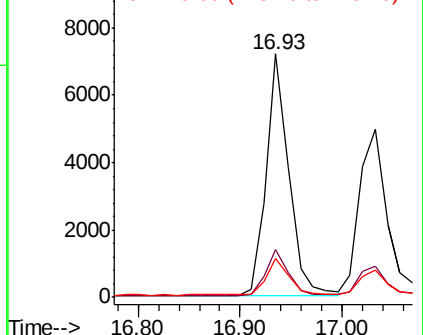


Abundance

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: 0.391 ng

RT: 17.03 min Scan# 1518

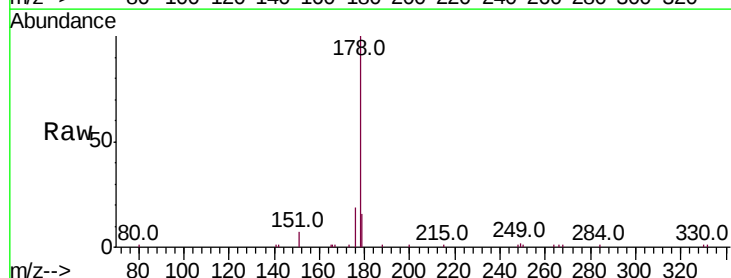
Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Tgt Ion:178 Resp: 9245

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	14.9	12.2	18.4

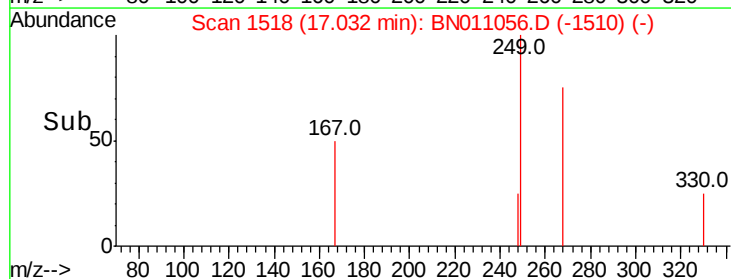
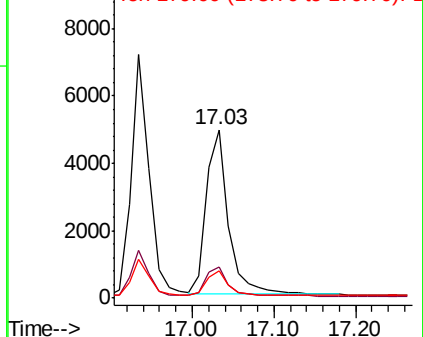


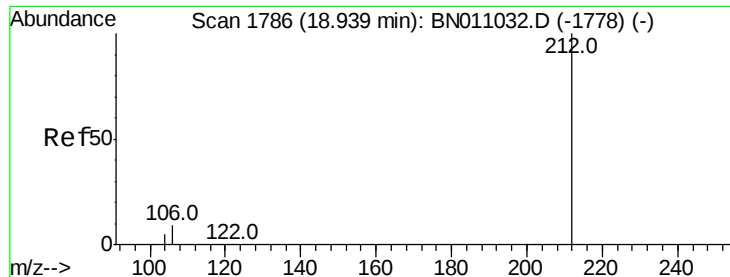
Abundance

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

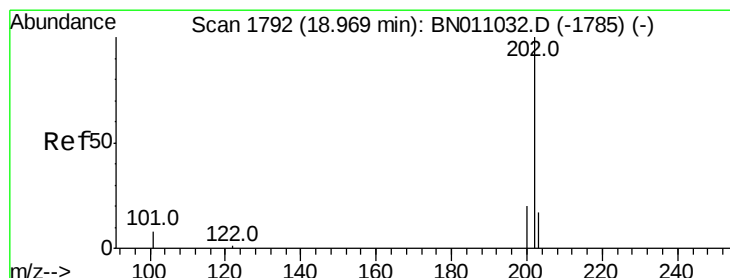
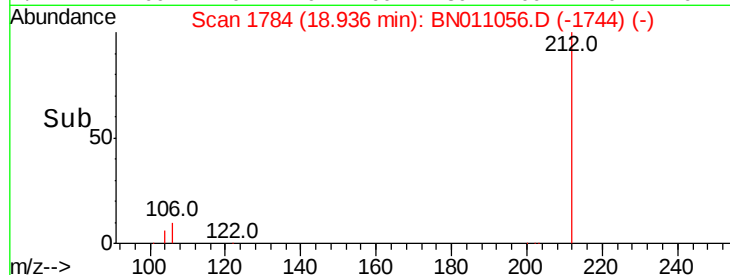
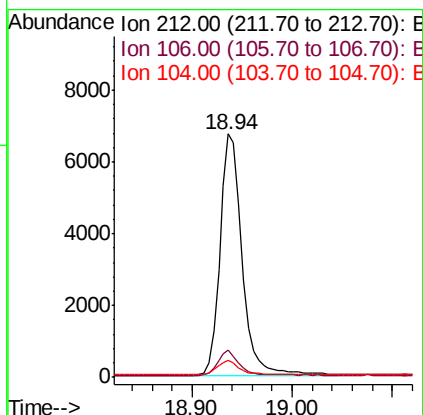
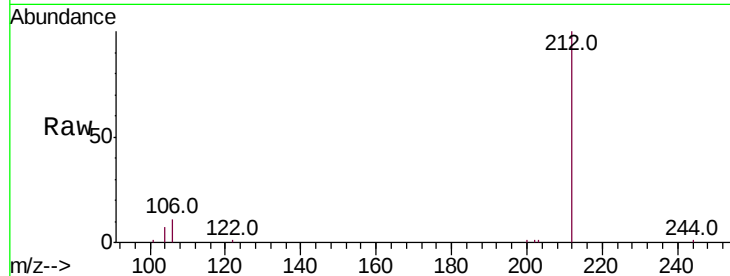




#27
 Fluoranthene-d10
 Concen: 0.386 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BN011056.D
 Acq: 26 Jun 2020 11:21

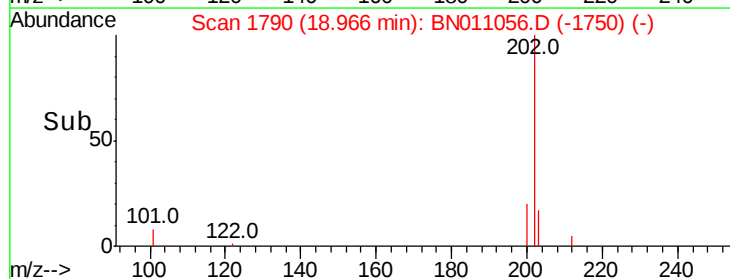
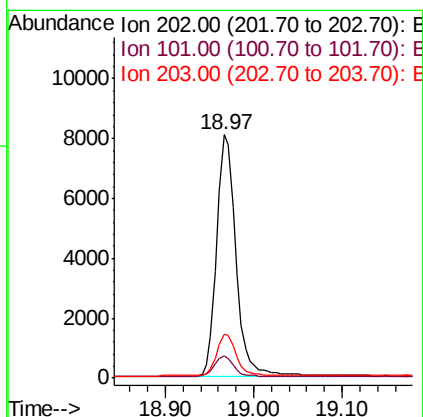
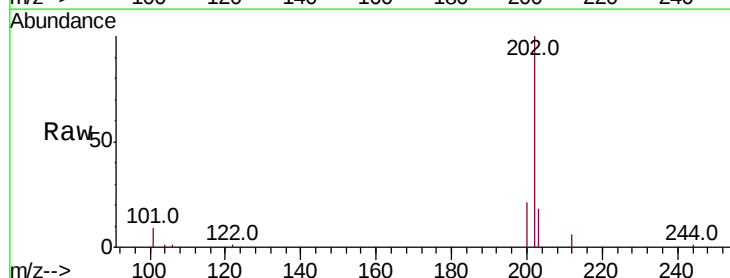
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

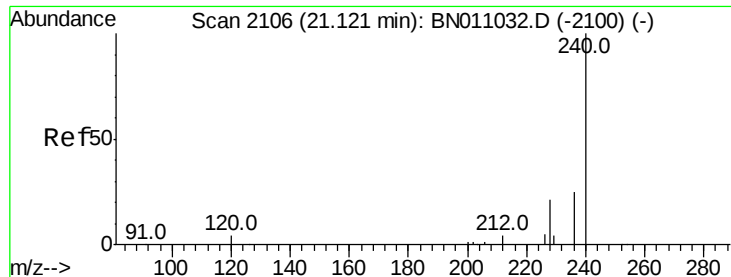
Tot Ion:212 Resp: 10321
 Ion Ratio Lower Upper
 212 100
 106 10.0 7.7 11.5
 104 5.8 4.6 6.8



#28
 Fluoranthene
 Concen: 0.376 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BN011056.D
 Acq: 26 Jun 2020 11:21

Tgt Ion:202 Resp: 12260
 Ion Ratio Lower Upper
 202 100
 101 8.5 6.6 10.0
 203 17.2 13.8 20.6

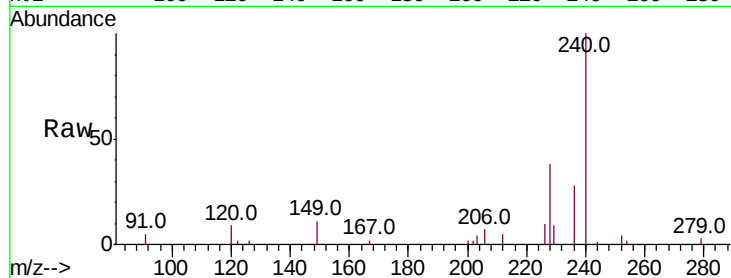




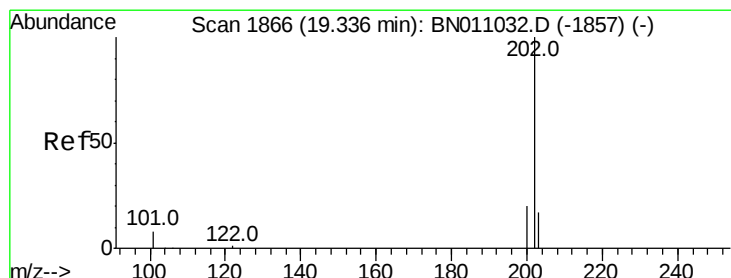
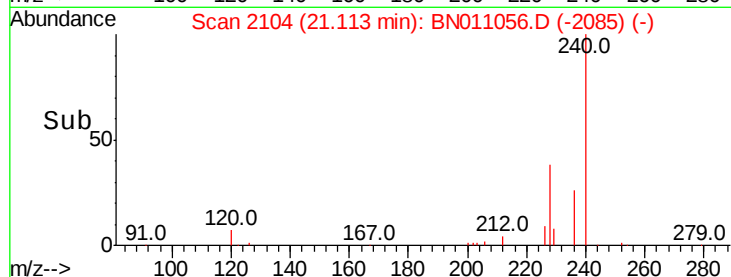
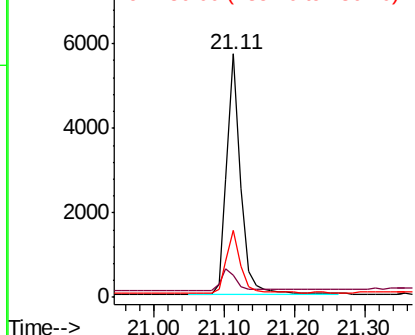
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BN011056.D
Acq: 26 Jun 2020 11:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 8008
Ion Ratio Lower Upper
240 100
120 9.4 5.4 8.0#
236 27.5 21.4 32.2

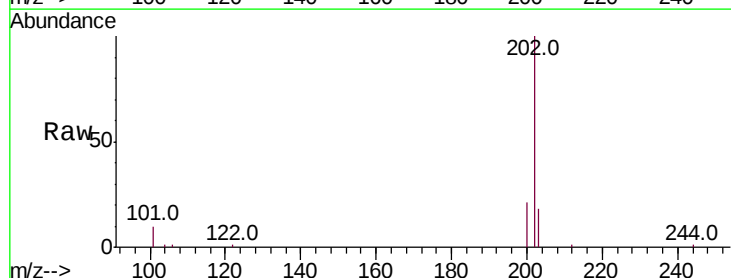


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

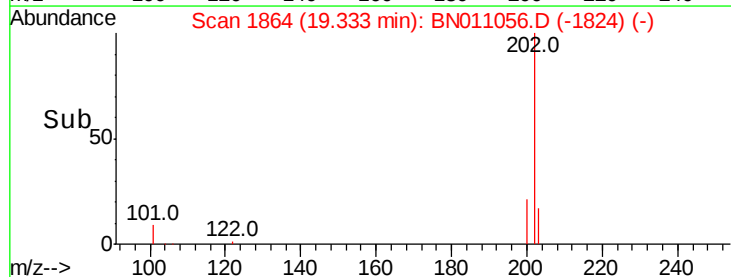
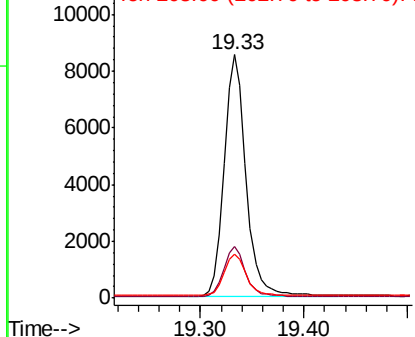


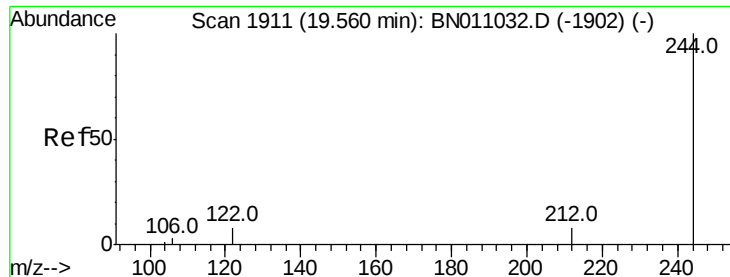
#30
Pyrene
Concen: 0.403 ng
RT: 19.33 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN011056.D
Acq: 26 Jun 2020 11:21

Tgt Ion:202 Resp: 12405
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.4 14.2 21.2



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: 0.410 ng

RT: 19.56 min Scan# 1909

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

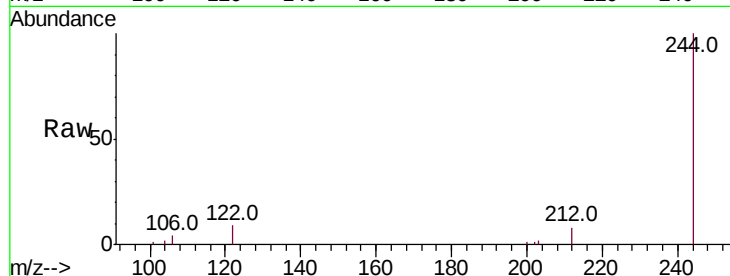
Tot Ion:244 Resp: 8826

Ion Ratio Lower Upper

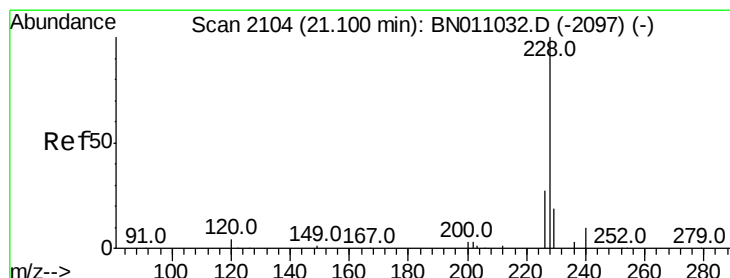
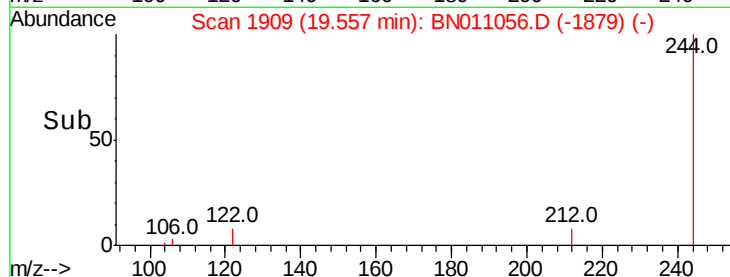
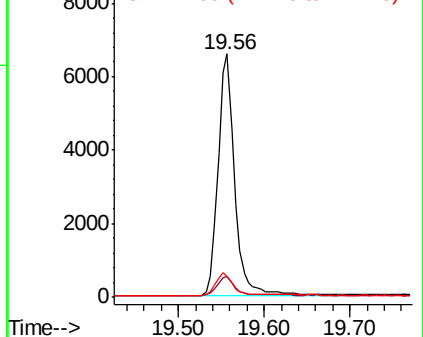
244 100

212 8.4 6.9 10.3

122 8.8 7.4 11.0



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: 0.411 ng

RT: 21.10 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

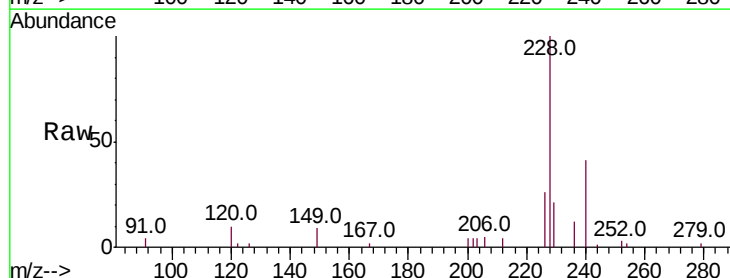
Tgt Ion:228 Resp: 11394

Ion Ratio Lower Upper

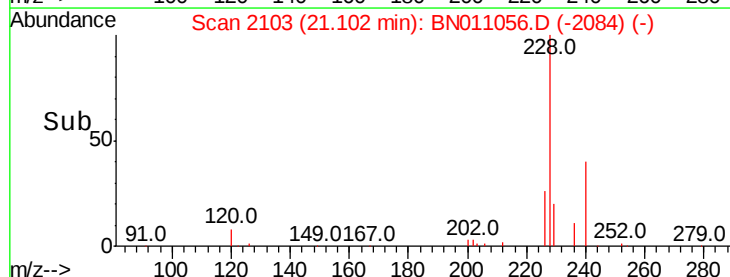
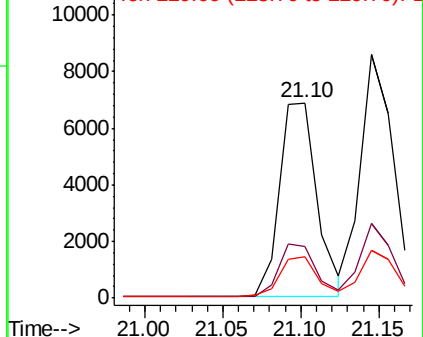
228 100

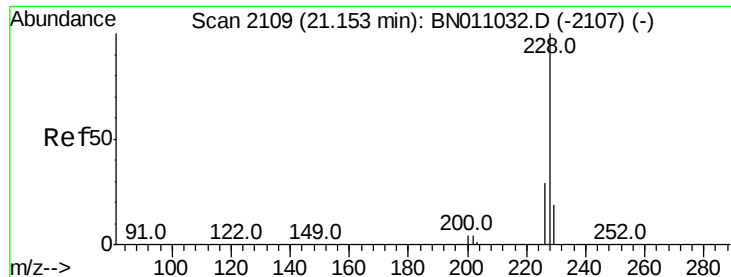
226 26.4 22.0 33.0

229 20.9 15.9 23.9



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: 0.423 ng

RT: 21.14 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

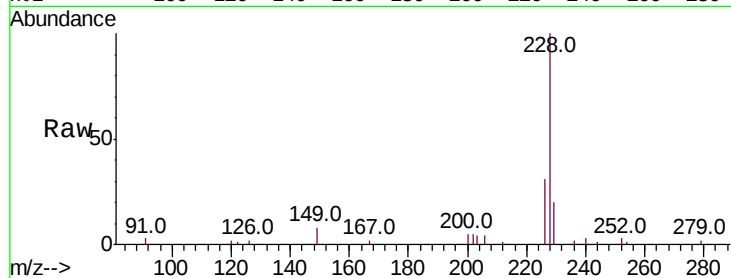
Tot Ion:228 Resp: 12777

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.6

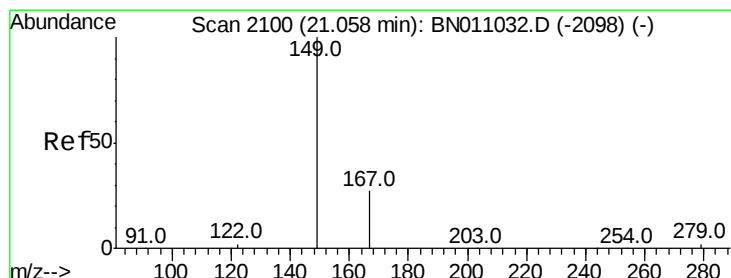
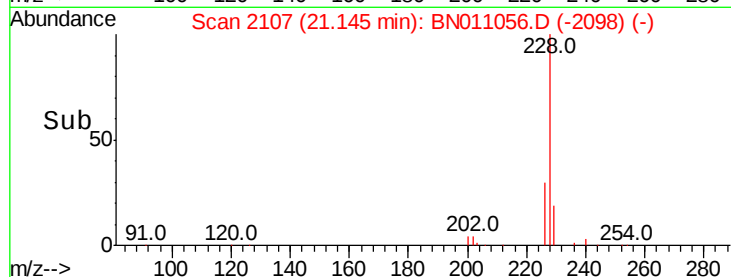
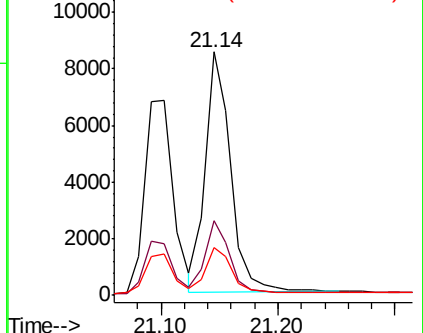
229 19.6 15.8 23.6



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.430 ng

RT: 21.06 min Scan# 2099

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

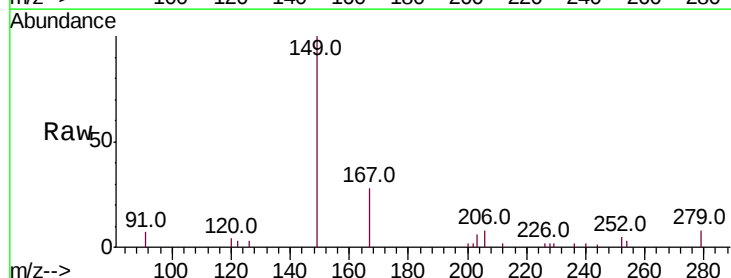
Tgt Ion:149 Resp: 4795

Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.2

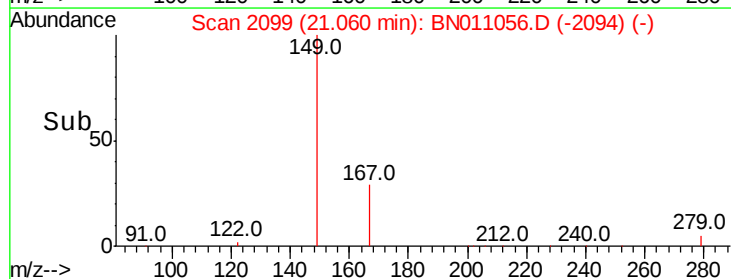
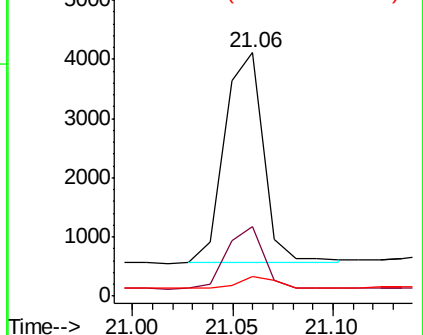
279 5.0 3.9 5.9

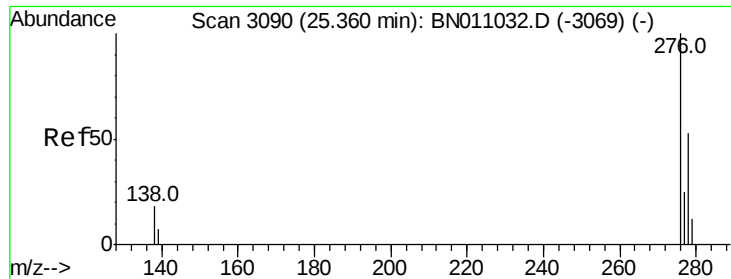


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.432 ng

RT: 25.35 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

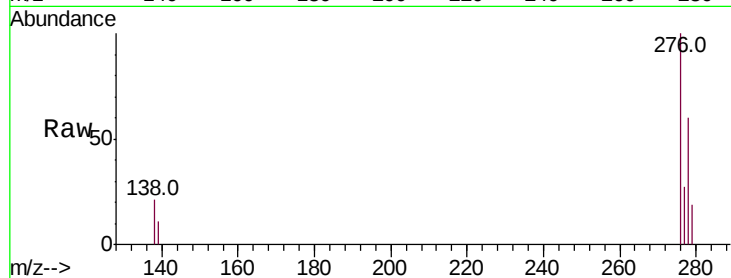
Tot Ion:276 Resp: 14524

Ion Ratio Lower Upper

276 100

138 19.8 16.2 24.2

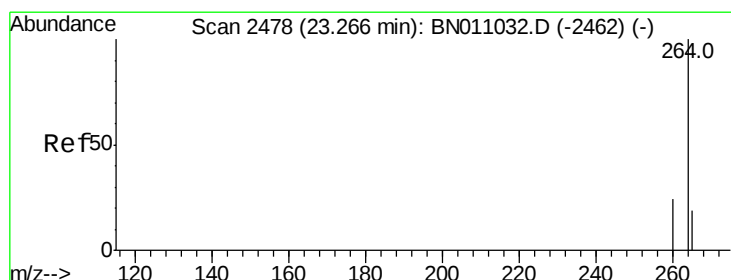
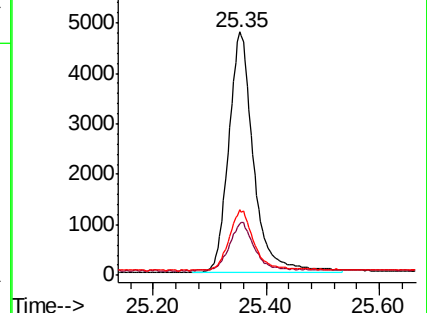
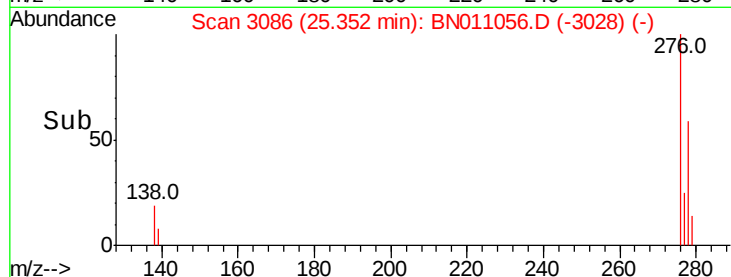
277 24.9 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.25 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

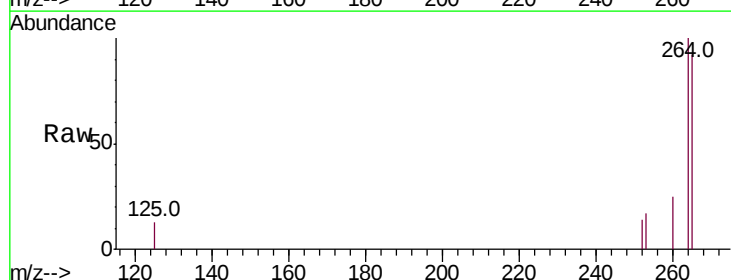
Tgt Ion:264 Resp: 7865

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

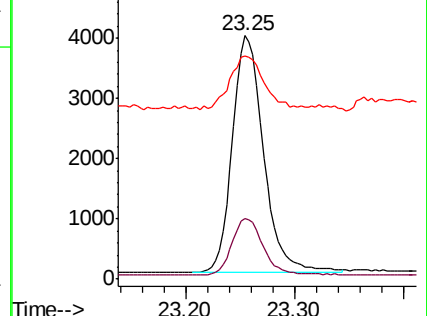
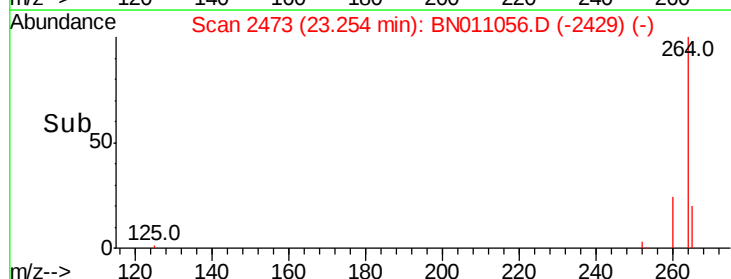
265 91.5 64.9 97.3

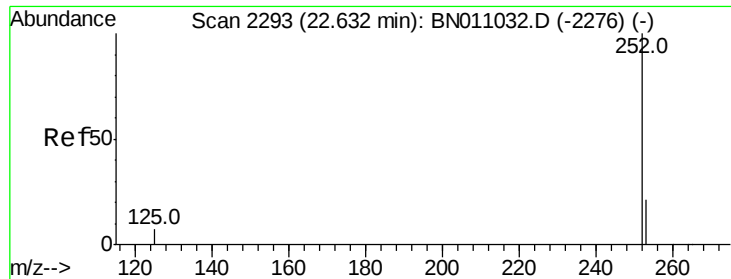


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

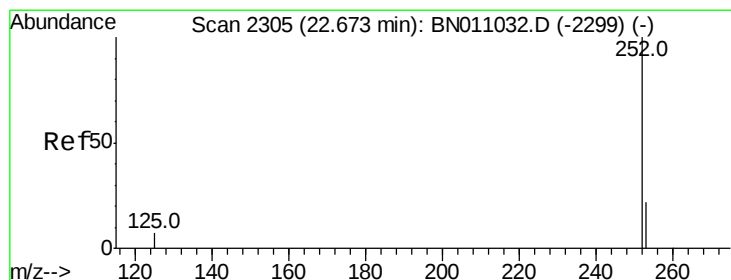
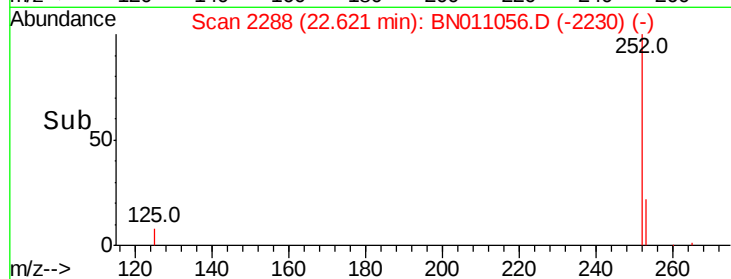
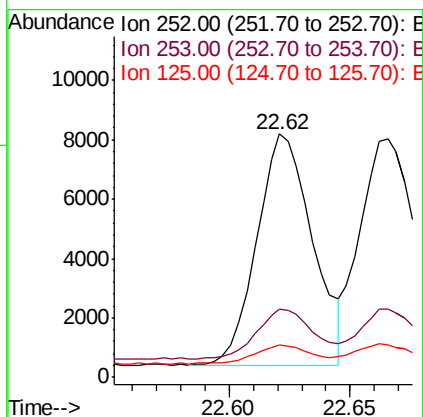
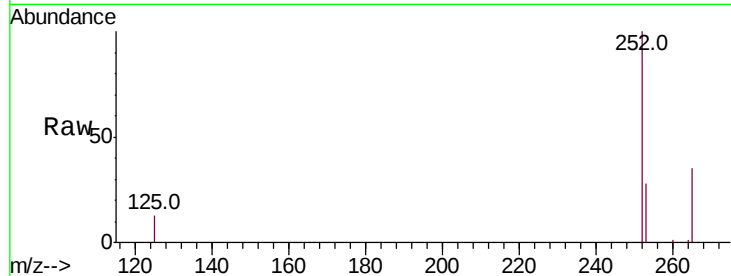




#37
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 22.62 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BN011056.D
Acq: 26 Jun 2020 11:21

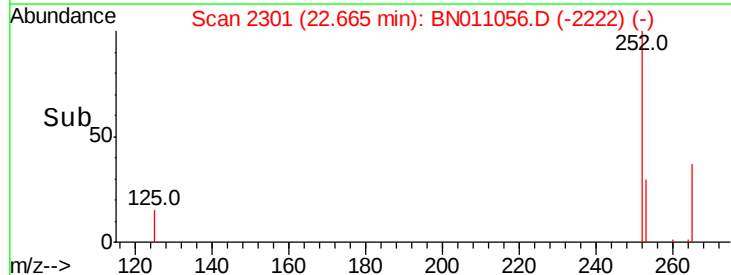
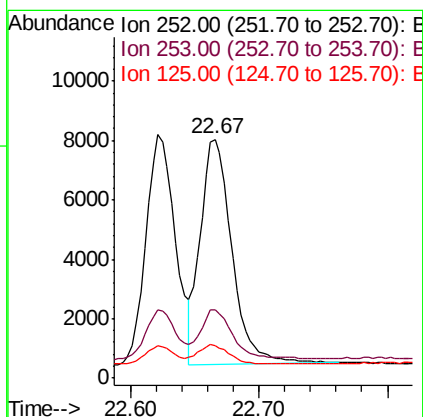
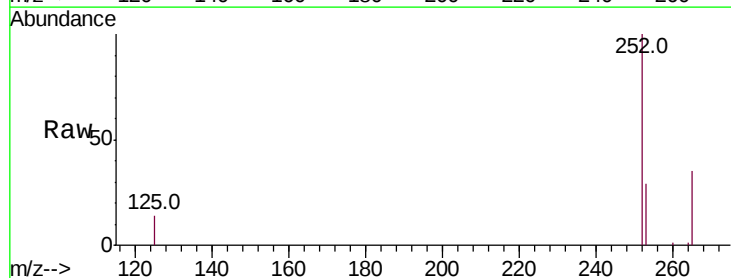
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

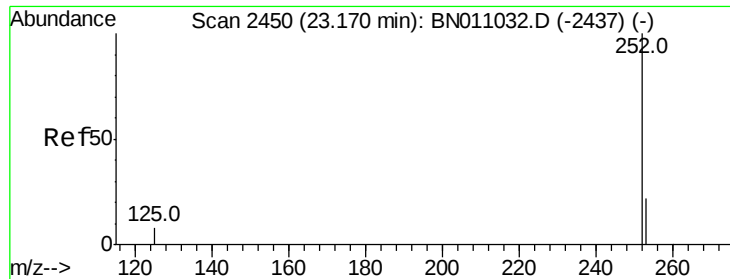
Tot Ion:252 Resp: 12435
Ion Ratio Lower Upper
252 100
253 28.1 21.4 32.0
125 13.2 9.3 13.9



#38
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 22.67 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BN011056.D
Acq: 26 Jun 2020 11:21

Tgt Ion:252 Resp: 12998
Ion Ratio Lower Upper
252 100
253 28.8 21.8 32.6
125 13.8 9.8 14.6





#39

Benzo(a)pyrene

Concen: 0.397 ng

RT: 23.16 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

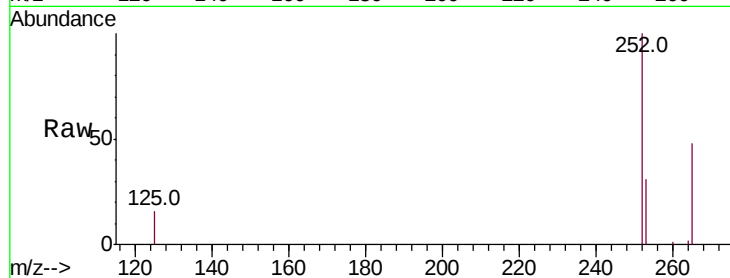
Tot Ion:252 Resp: 10965

Ion Ratio Lower Upper

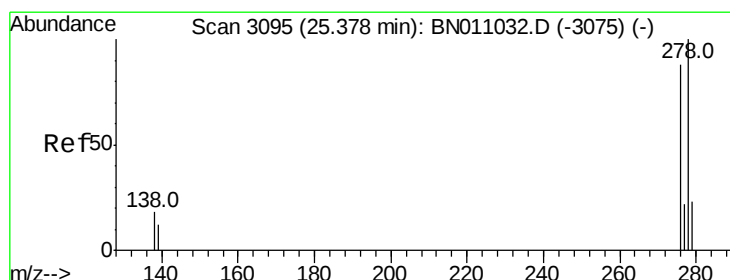
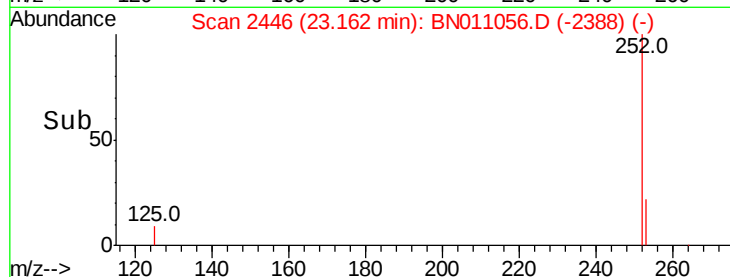
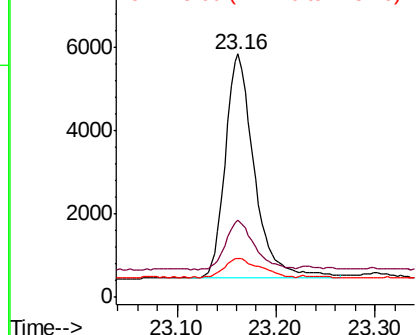
252 100

253 31.5 23.1 34.7

125 16.1 11.2 16.8



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



#40

Dibenzo(a,h)anthracene

Concen: 0.393 ng

RT: 25.36 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

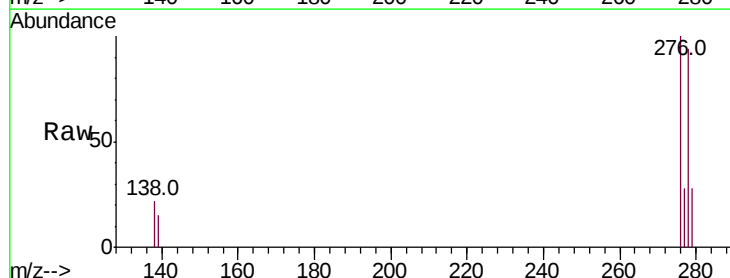
Tgt Ion:278 Resp: 11718

Ion Ratio Lower Upper

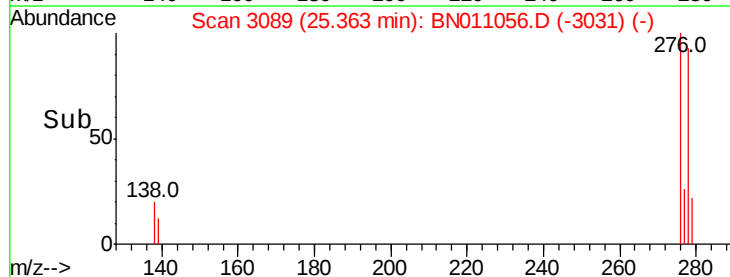
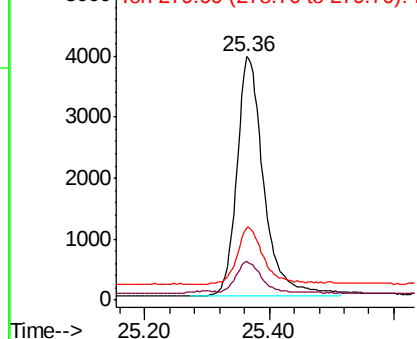
278 100

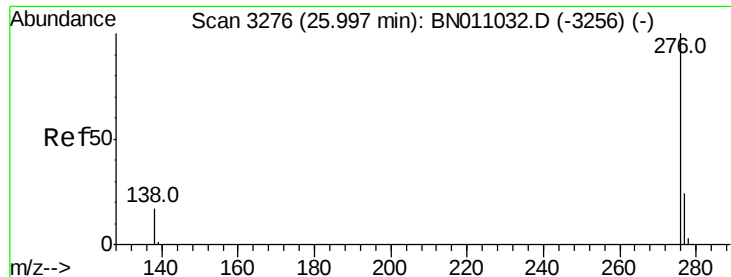
139 15.7 11.2 16.8

279 29.6 22.6 34.0



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: 0.393 ng

RT: 25.99 min Scan# 3271

Delta R.T. 0.00 min

Lab File: BN011056.D

Acq: 26 Jun 2020 11:21

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

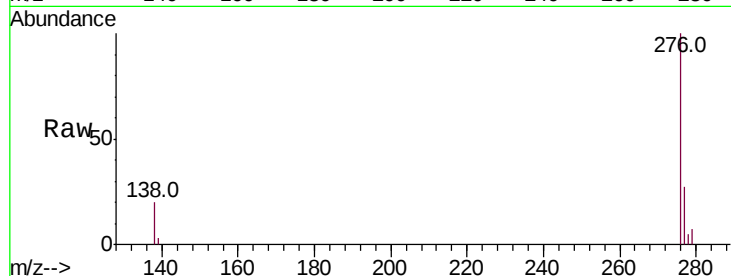
Tot Ion:276 Resp: 12124

Ion Ratio Lower Upper

276 100

277 26.7 20.4 30.6

138 19.5 15.1 22.7



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

