

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062620\
 Data File : BN011063.D
 Acq On : 26 Jun 2020 17:18
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Jun 26 17:51:48 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	2078	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	6940	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	3649	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	7415	0.40	ng	0.00
29) Chrysene-d12	21.11	240	7101	0.40	ng	0.00
36) Perylene-d12	23.25	264	6875	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2309	0.39	ng	0.00
5) Phenol-d6	6.73	99	2724	0.39	ng	0.00
8) Nitrobenzene-d5	8.66	82	2435	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	4812	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	641	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	7146	0.42	ng	0.00
27) Fluoranthene-d10	18.94	212	9302	0.40	ng	0.00
31) Terphenyl-d14	19.55	244	7829	0.41	ng	0.00

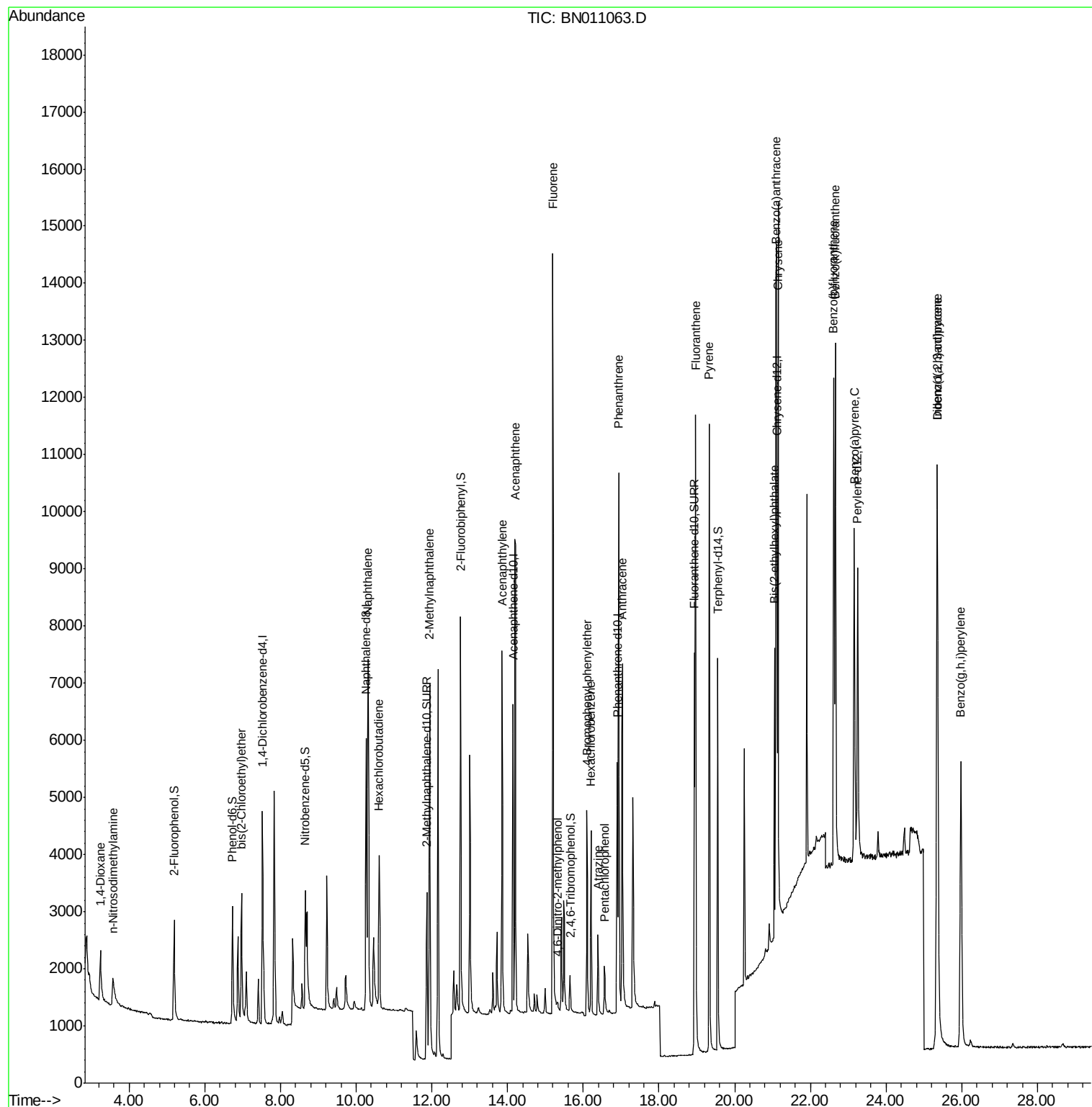
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1201	0.430	ng	98
3) n-Nitrosodimethylamine	3.57	42	601	0.386	ng	# 88
6) bis(2-Chloroethyl)ether	6.97	93	2446	0.408	ng	99
9) Naphthalene	10.32	128	8445	0.401	ng	99
10) Hexachlorobutadiene	10.61	225	2083	0.410	ng	# 98
12) 2-Methylnaphthalene	11.94	142	5619	0.398	ng	100
16) Acenaphthylene	13.85	152	7530	0.409	ng	99
17) Acenaphthene	14.21	154	5050	0.409	ng	99
18) Fluorene	15.20	166	6349	0.403	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	206	0.166	ng	# 51
21) 4-Bromophenyl-phenylether	16.10	248	2013	0.393	ng	97
22) Hexachlorobenzene	16.20	284	2386	0.421	ng	98
23) Atrazine	16.39	200	1458	0.385	ng	96
24) Pentachlorophenol	16.56	266	613	0.342	ng	95
25) Phenanthrene	16.93	178	9991	0.400	ng	100
26) Anthracene	17.03	178	8179	0.394	ng	99
28) Fluoranthene	18.97	202	11033	0.386	ng	99
30) Pyrene	19.33	202	11048	0.404	ng	100
32) Benzo(a)anthracene	21.09	228	9943	0.404	ng	100
33) Chrysene	21.14	228	10922	0.407	ng	99
34) Bis(2-ethylhexyl)phthalate	21.05	149	4199	0.425	ng	100
35) Indeno(1,2,3-cd)pyrene	25.35	276	12858	0.431	ng	100
37) Benzo(b)fluoranthene	22.62	252	10690	0.393	ng	97
38) Benzo(k)fluoranthene	22.66	252	11991	0.424	ng	97
39) Benzo(a)pyrene	23.16	252	9801	0.406	ng	94
40) Dibenzo(a,h)anthracene	25.36	278	10435	0.401	ng	97
41) Benzo(g,h,i)perylene	25.98	276	10765	0.399	ng	100

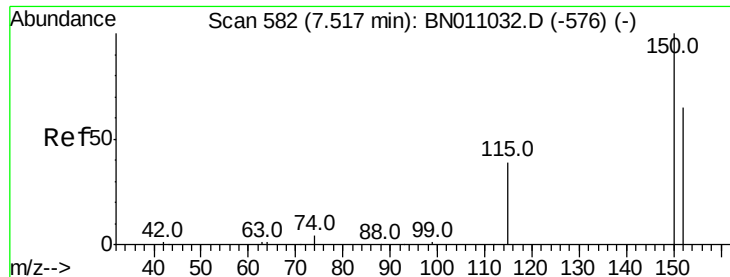
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

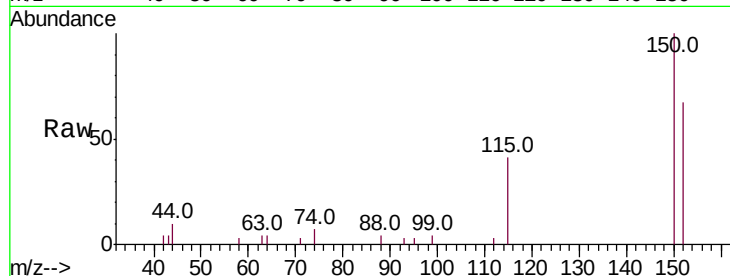
Tot Ion:152 Resp: 2078

Ion Ratio Lower Upper

152 100

150 149.0 121.8 182.8

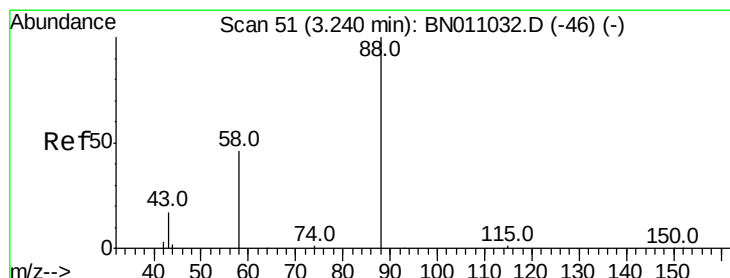
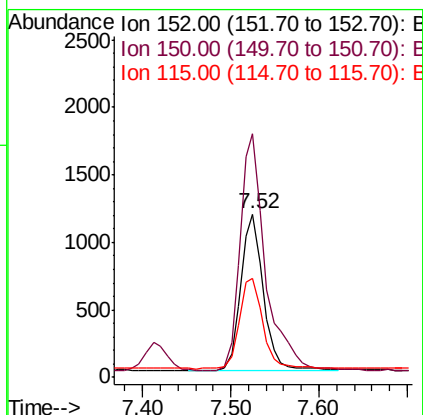
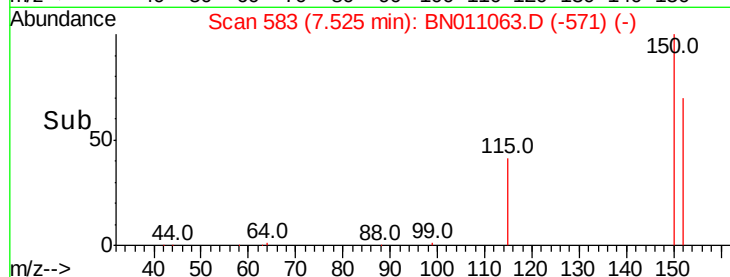
115 60.9 50.2 75.2



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: 0.430 ng

RT: 3.24 min Scan# 51

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

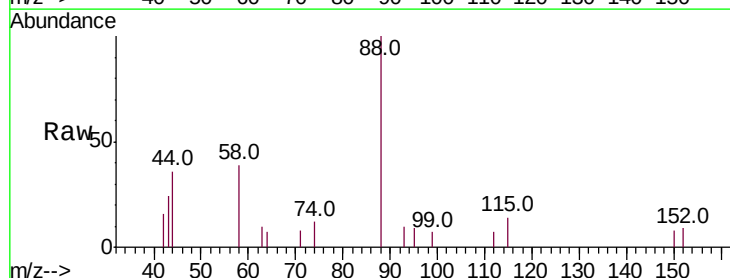
Tgt Ion: 88 Resp: 1201

Ion Ratio Lower Upper

88 100

58 48.5 38.4 57.6

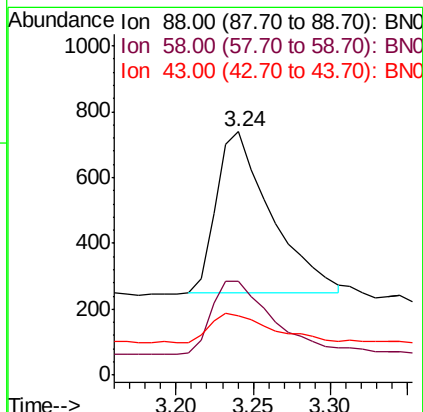
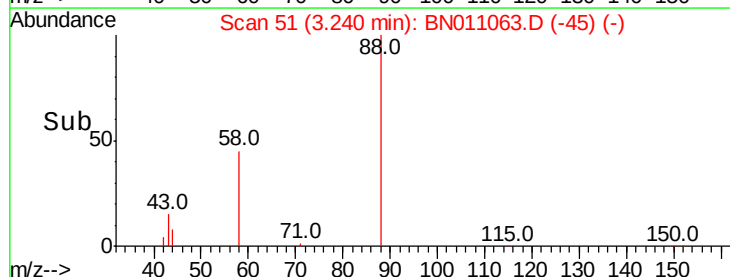
43 20.3 14.2 21.4

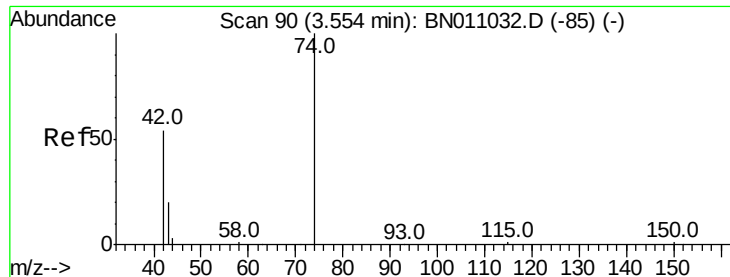


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.386 ng

RT: 3.57 min Scan# 92

Delta R.T. 0.01 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

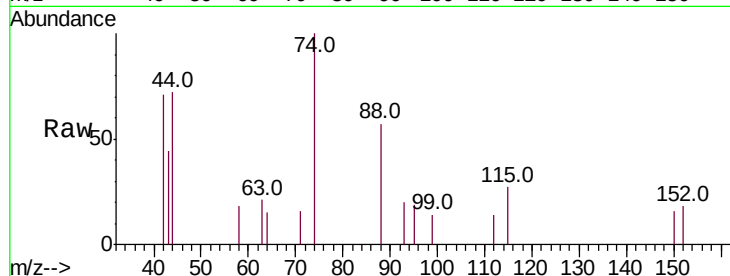
Tot Ion: 42 Resp: 601

Ion Ratio Lower Upper

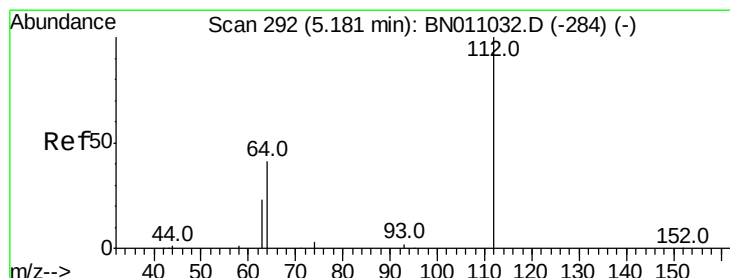
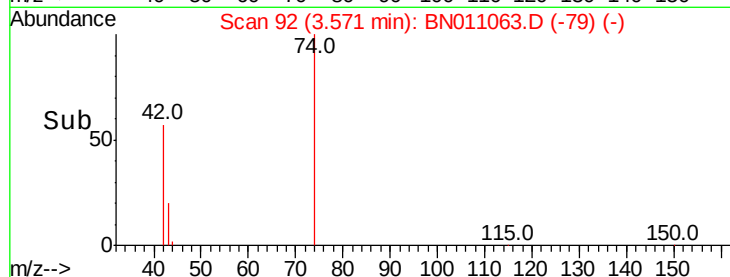
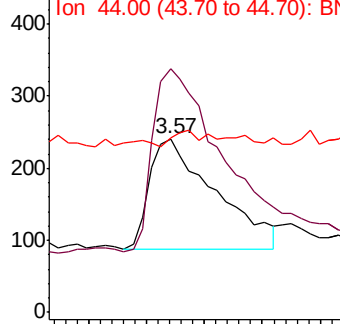
42 100

74 176.2 154.8 232.2

44 8.8 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: 0.394 ng

RT: 5.19 min Scan# 293

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

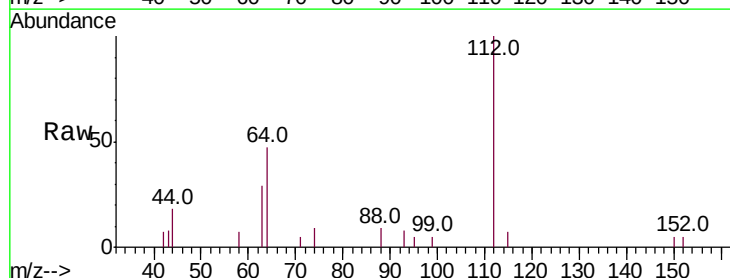
Tgt Ion: 112 Resp: 2309

Ion Ratio Lower Upper

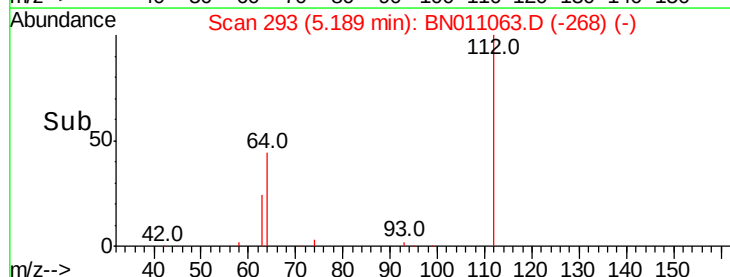
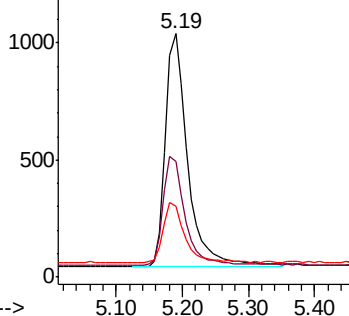
112 100

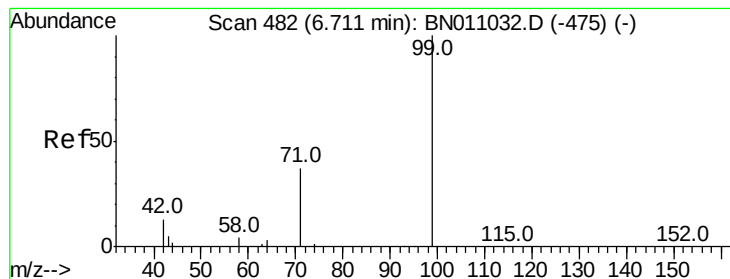
64 45.8 37.3 55.9

63 25.9 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: 0.393 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

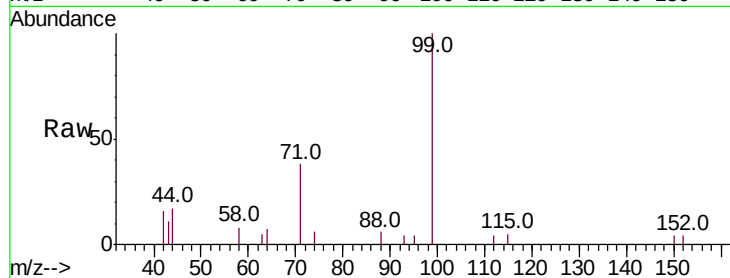
Tot Ion: 99 Resp: 2724

Ion Ratio Lower Upper

99 100

42 13.5 10.6 16.0

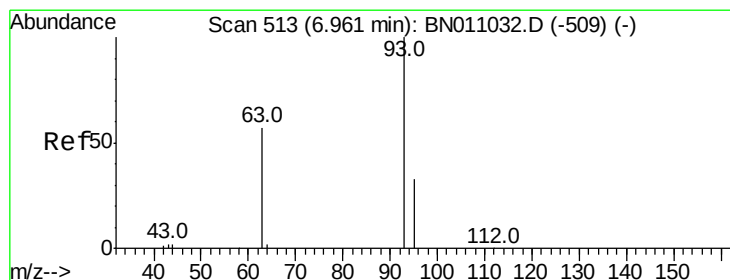
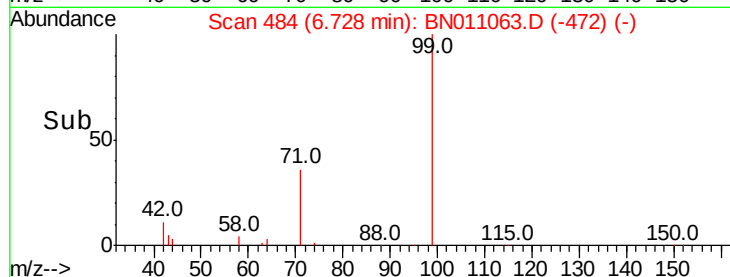
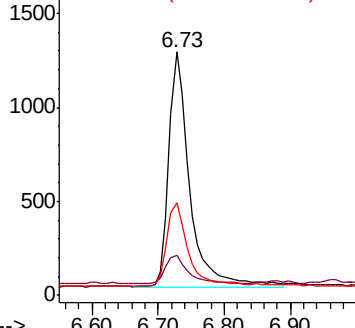
71 36.4 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BN011063.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011063.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011063.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.408 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

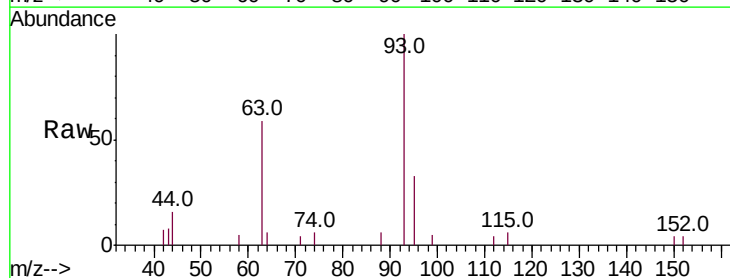
Tgt Ion: 93 Resp: 2446

Ion Ratio Lower Upper

93 100

63 53.8 43.7 65.5

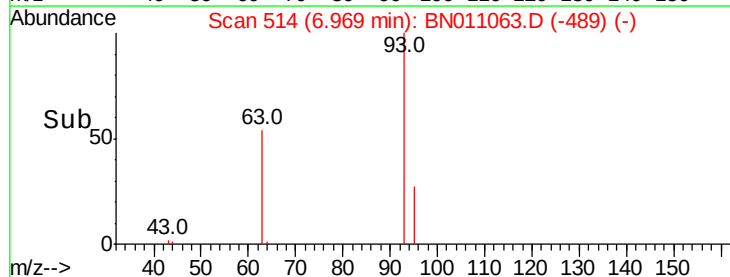
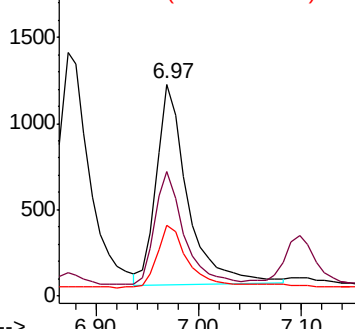
95 30.8 25.3 37.9

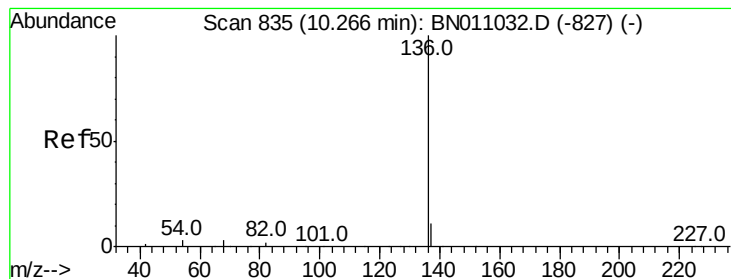


Abundance Ion 93.00 (92.70 to 93.70): BN011063.D (-509) (-)

Ion 63.00 (62.70 to 63.70): BN011063.D (-509) (-)

Ion 95.00 (94.70 to 95.70): BN011063.D (-509) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 6940

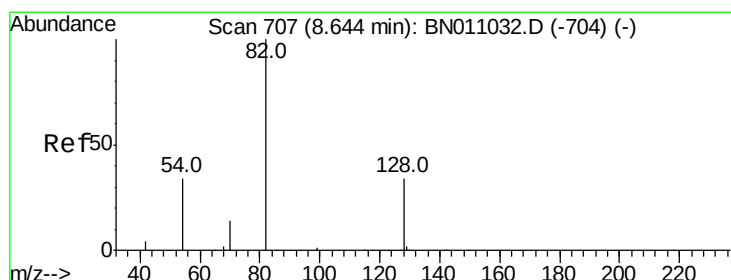
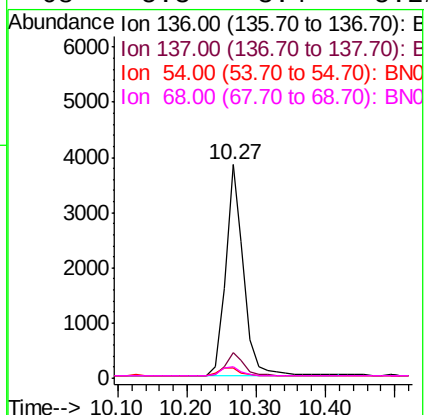
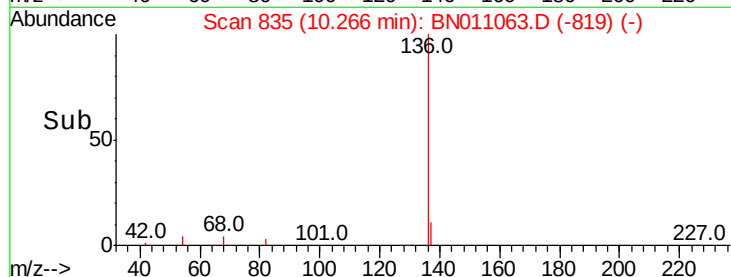
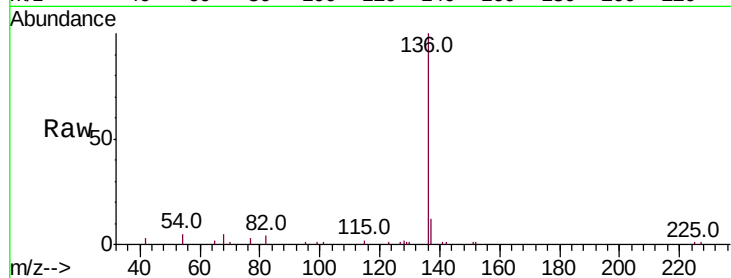
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 5.0 3.0 4.4#

68 5.3 3.4 5.2#



#8

Nitrobenzene-d5

Concen: 0.385 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

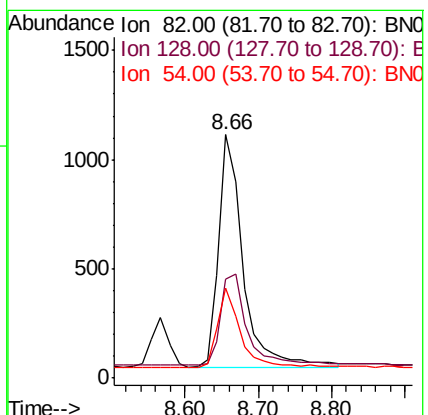
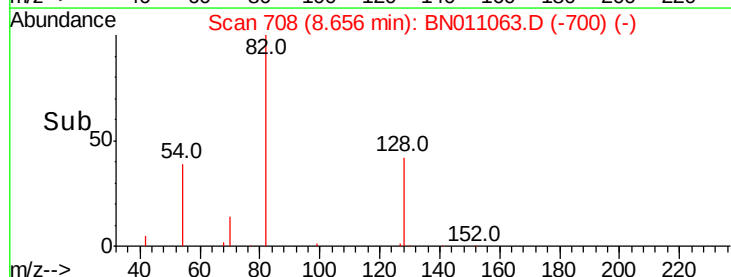
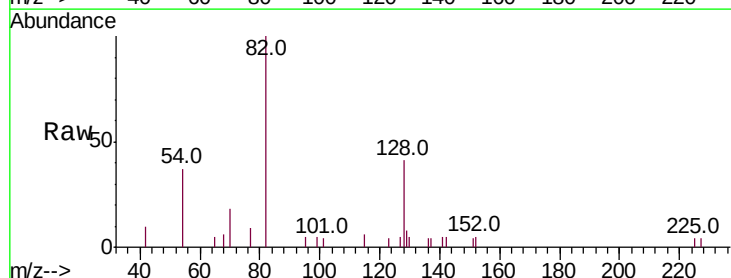
Tgt Ion: 82 Resp: 2435

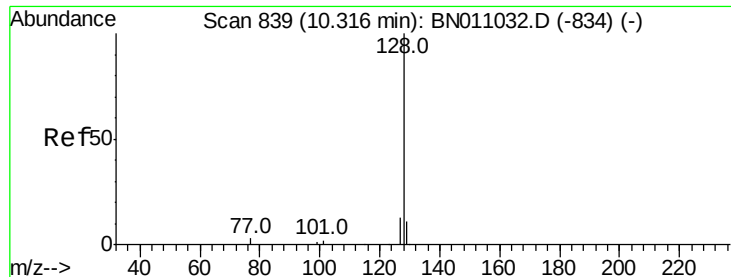
Ion Ratio Lower Upper

82 100

128 40.8 29.4 44.2

54 37.1 28.8 43.2





#9

Naphthalene

Concen: 0.401 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

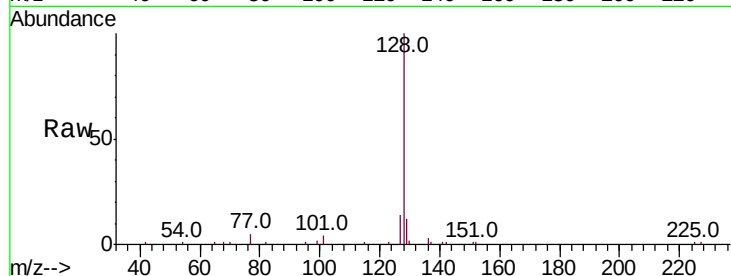
Tot Ion:128 Resp: 8445

Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.6

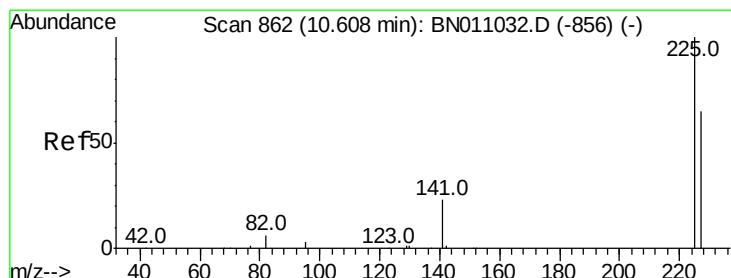
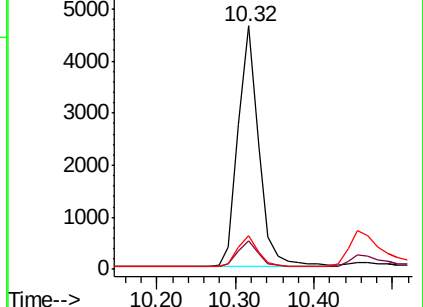
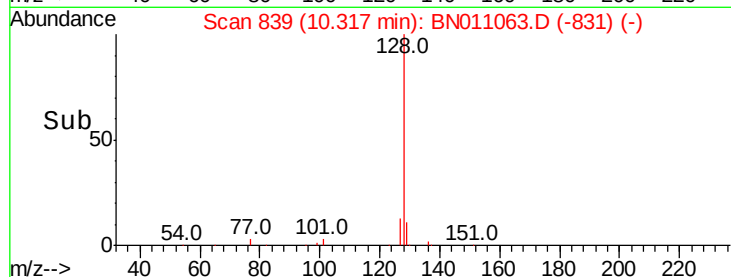
127 14.0 10.9 16.3



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: 0.410 ng

RT: 10.61 min Scan# 862

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

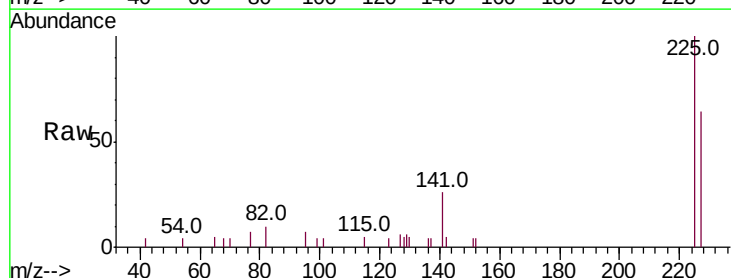
Tgt Ion:225 Resp: 2083

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

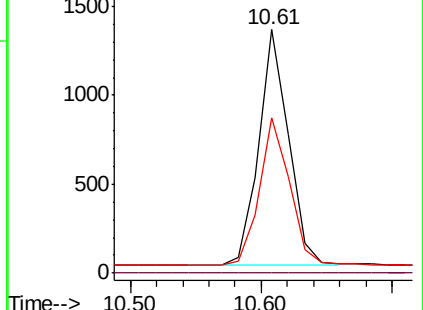
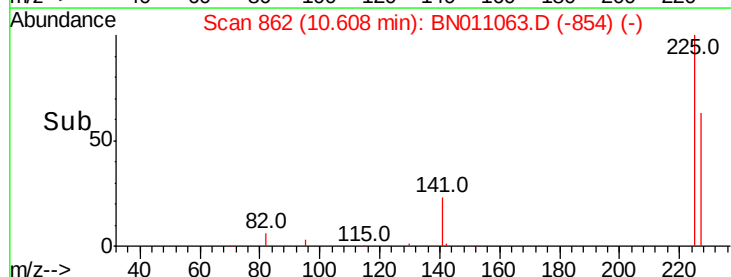
227 63.3 51.7 77.5

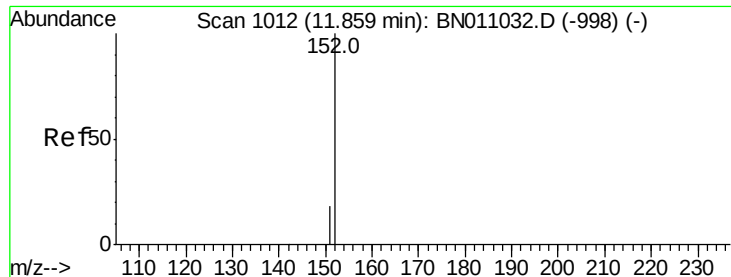


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 11.86 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

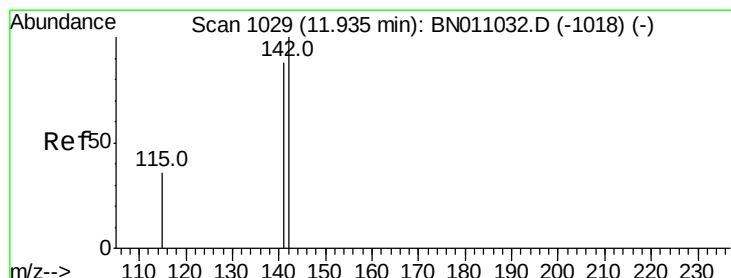
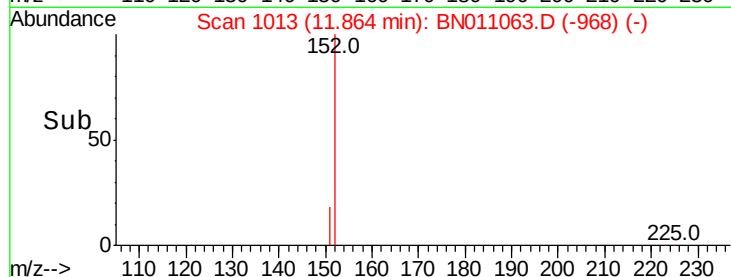
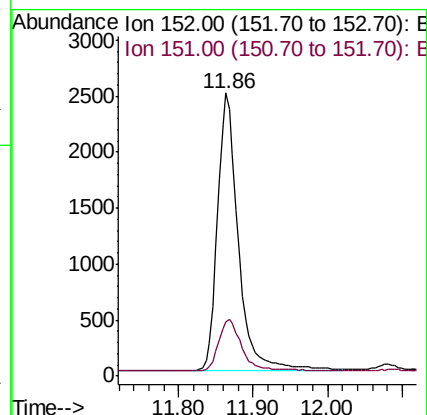
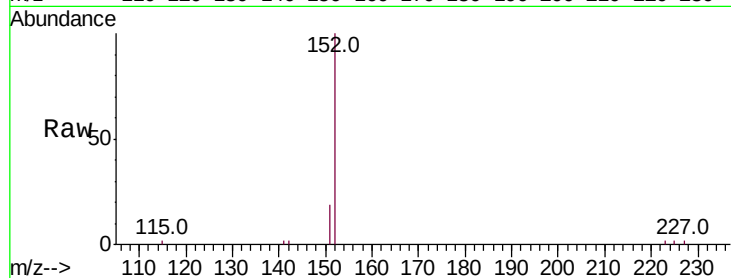
SSTDCCC0.4EC

Tot Ion:152 Resp: 4812

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.398 ng

RT: 11.94 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

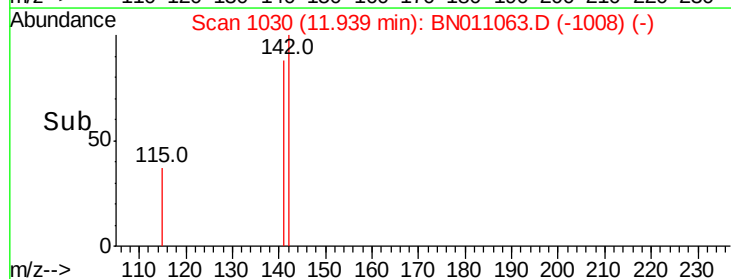
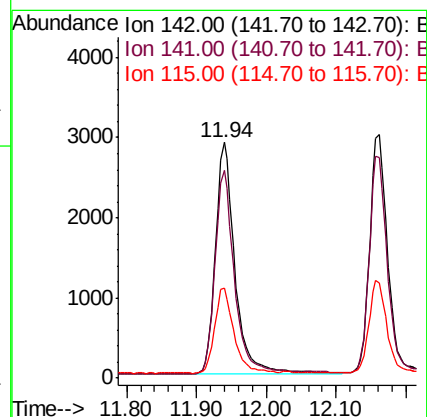
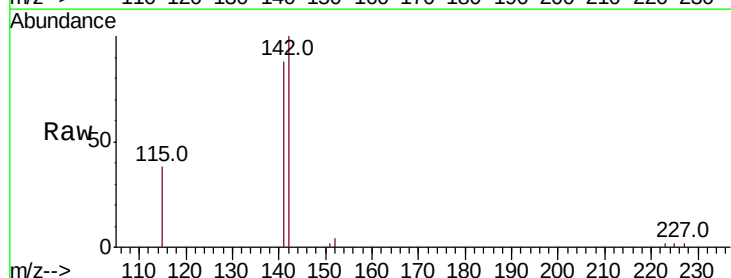
Tgt Ion:142 Resp: 5619

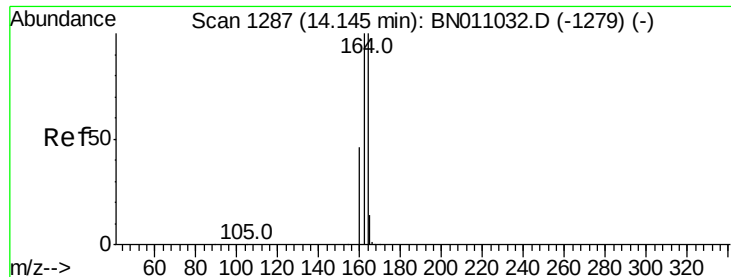
Ion Ratio Lower Upper

142 100

141 88.4 70.6 106.0

115 38.2 30.2 45.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

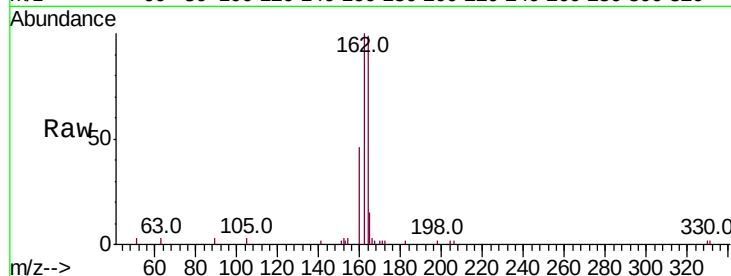
Tot Ion:164 Resp: 3649

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.4

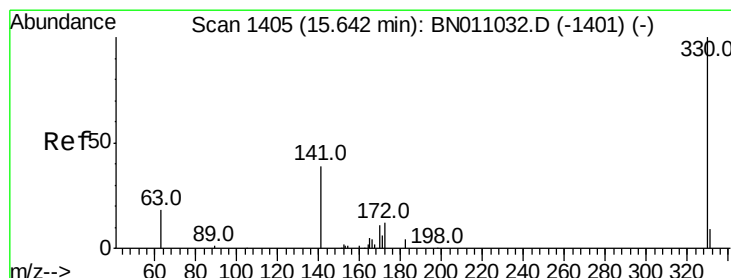
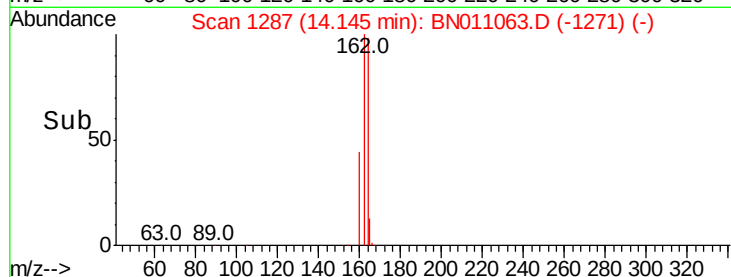
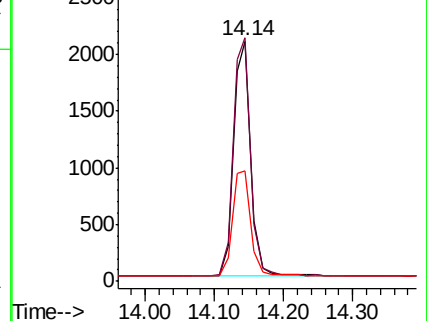
160 46.3 37.7 56.5



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: 0.400 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

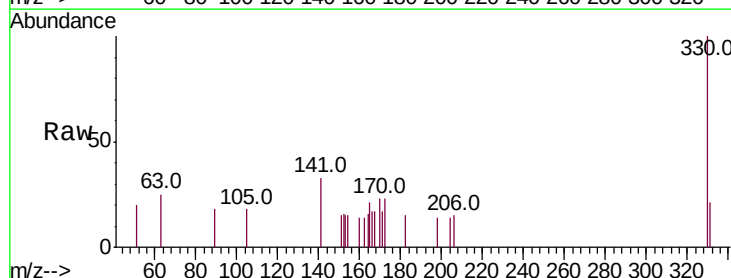
Tgt Ion:330 Resp: 641

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

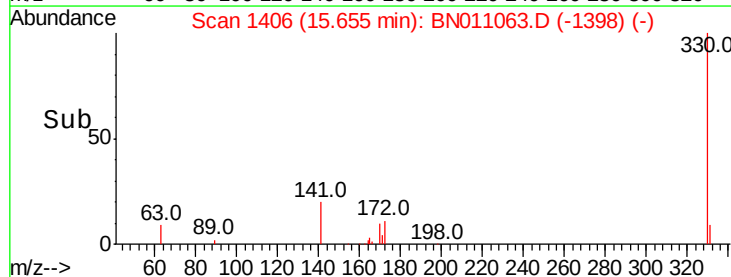
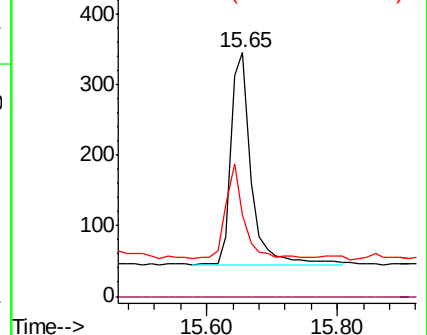
141 40.9 34.5 51.7

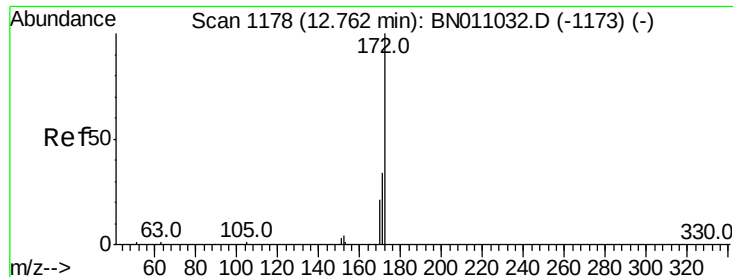


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

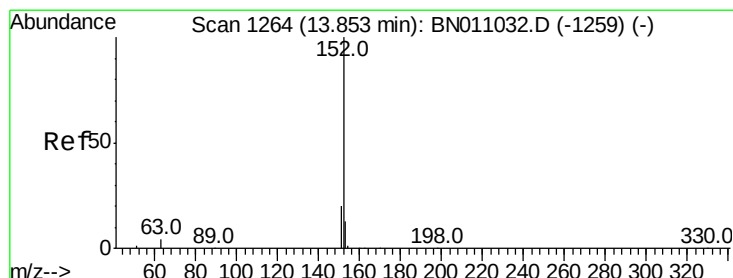
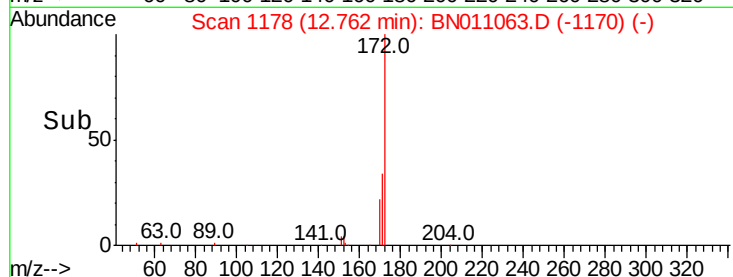
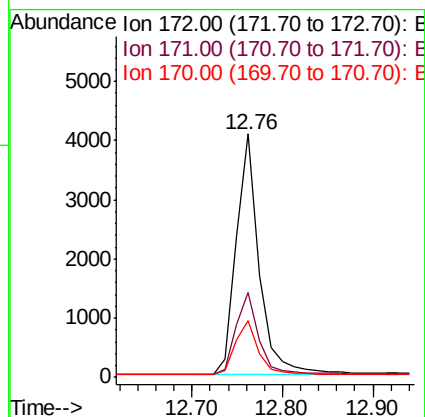
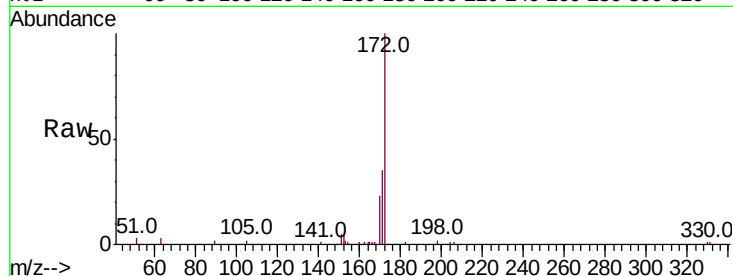




#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 12.76 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BN011063.D
Acq: 26 Jun 2020 17:18

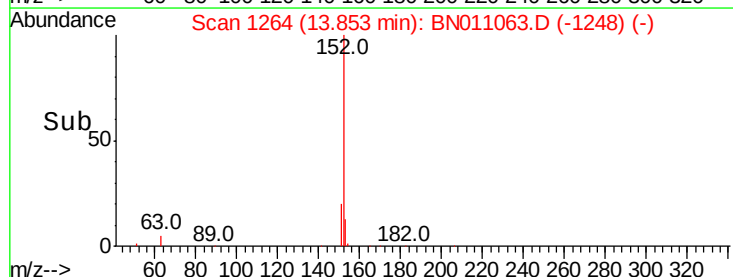
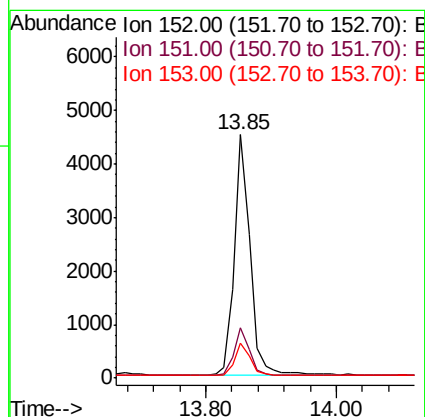
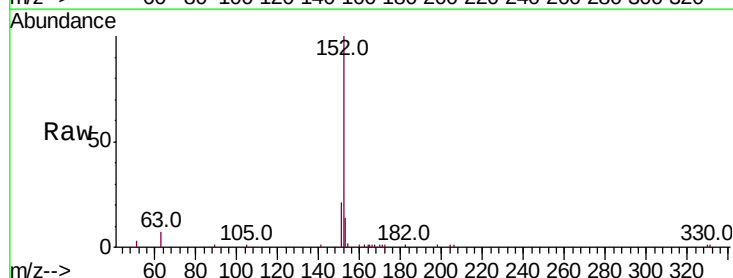
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

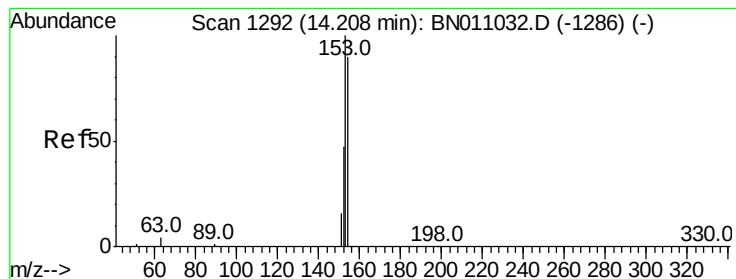
Tot Ion:172 Resp: 7146
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.2
170 23.3 17.5 26.3



#16
Acenaphthylene
Concen: 0.409 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011063.D
Acq: 26 Jun 2020 17:18

Tgt Ion:152 Resp: 7530
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.3 10.2 15.2





#17

Acenaphthene

Concen: 0.409 ng

RT: 14.21 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

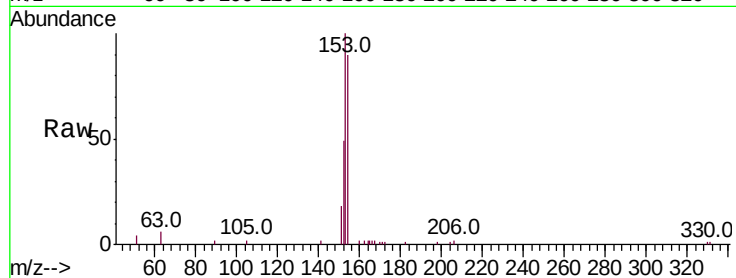
Tot Ion:154 Resp: 5050

Ion Ratio Lower Upper

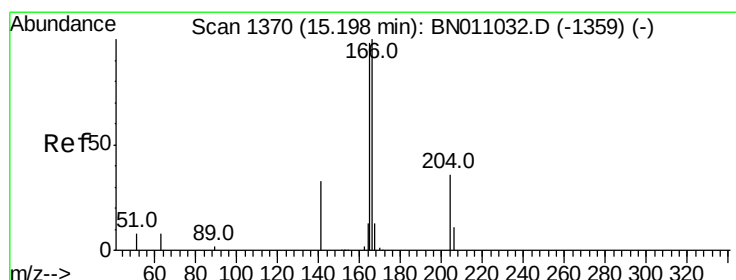
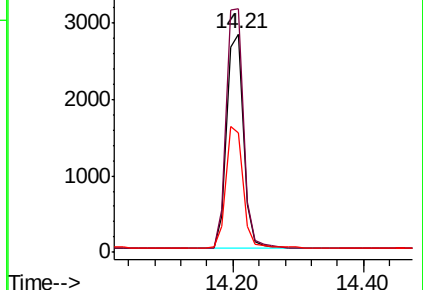
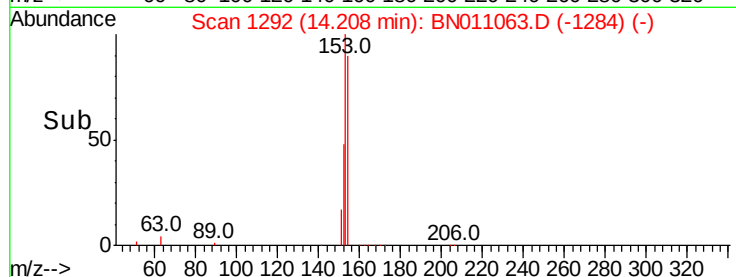
154 100

153 114.9 92.3 138.5

152 57.3 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: 0.403 ng

RT: 15.20 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

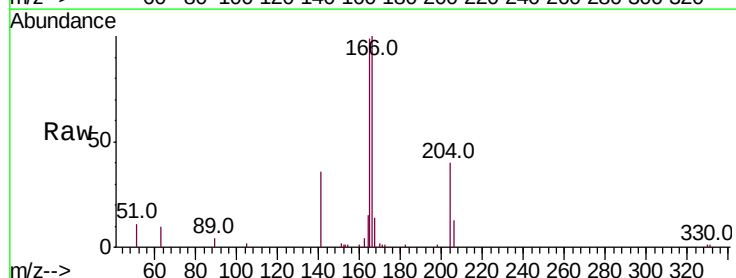
Tgt Ion:166 Resp: 6349

Ion Ratio Lower Upper

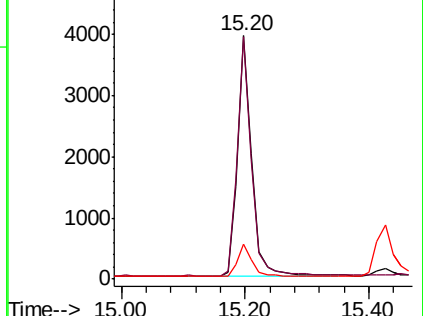
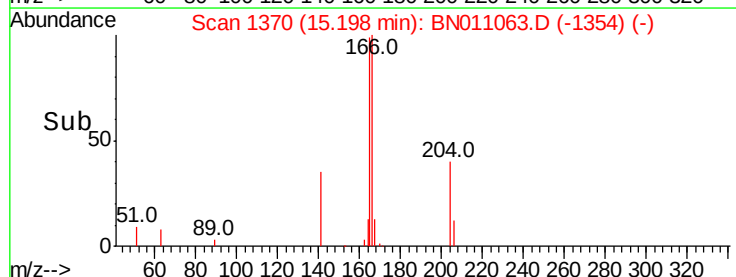
166 100

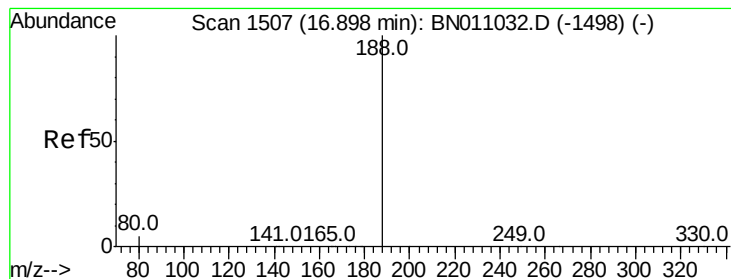
165 98.6 77.8 116.8

167 13.3 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: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

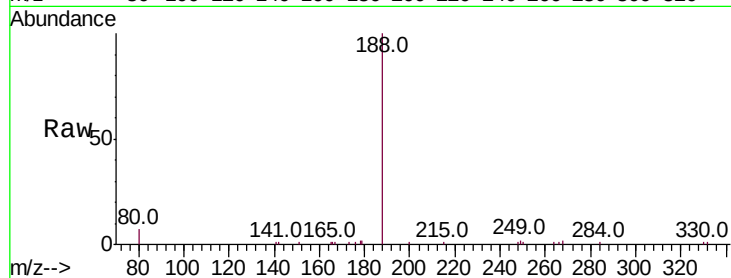
Tot Ion:188 Resp: 7415

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

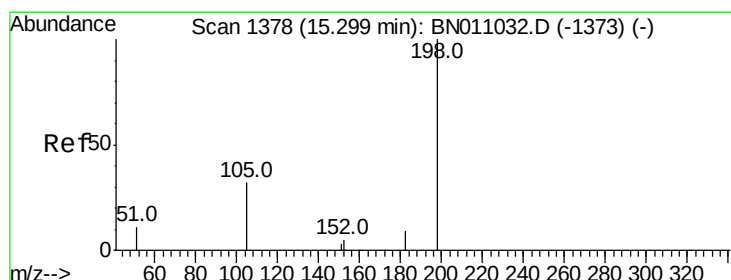
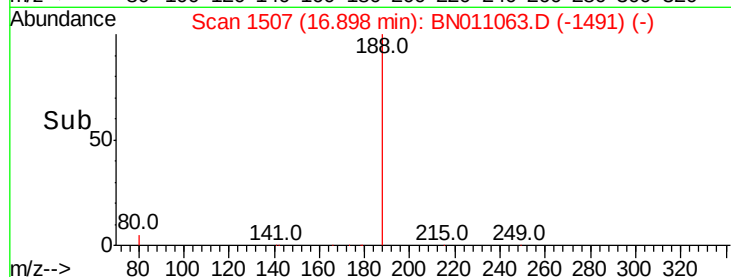
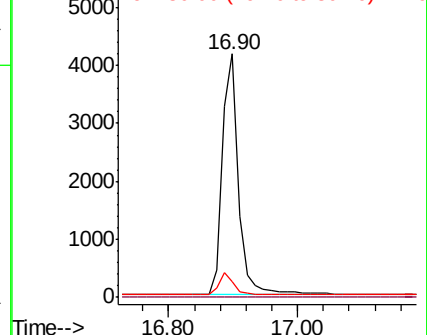
80 6.6 4.6 7.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 0.166 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

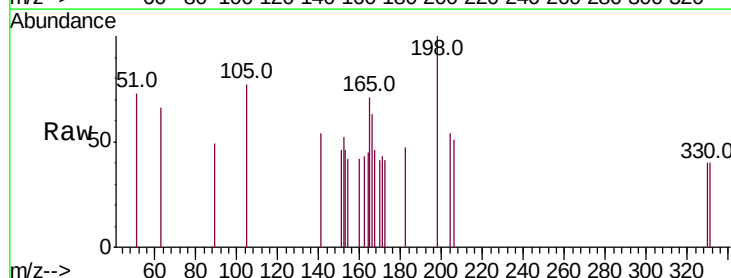
Tgt Ion:198 Resp: 206

Ion Ratio Lower Upper

198 100

51 73.2 29.5 44.3#

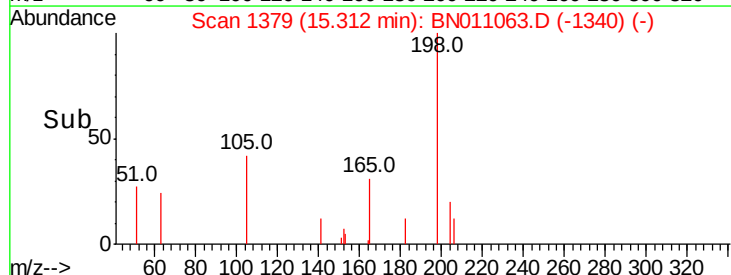
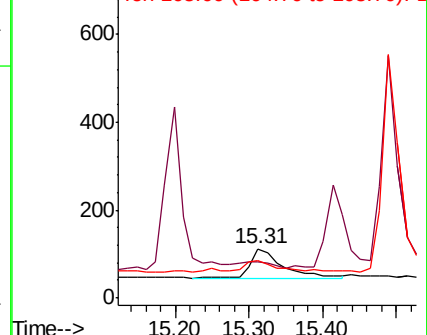
105 76.8 39.2 58.8#

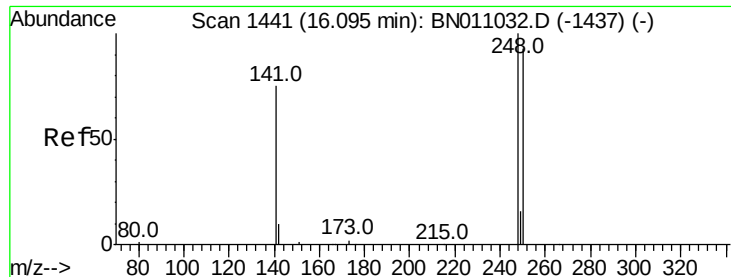


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

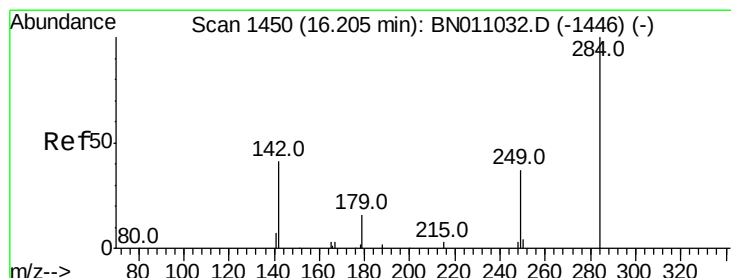
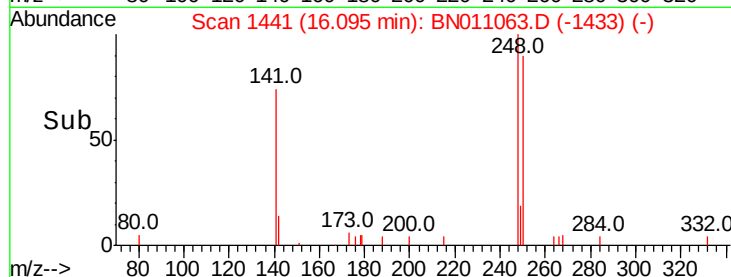
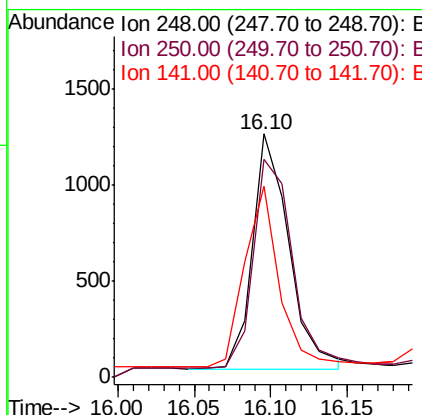
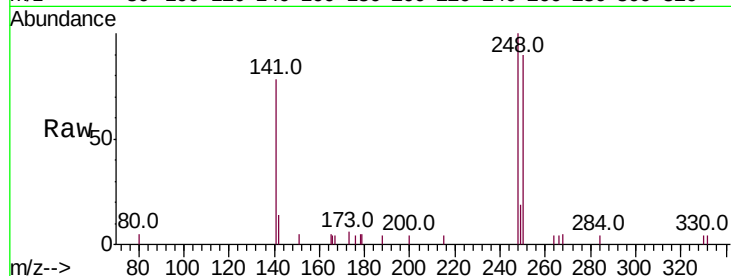




#21
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011063.D
Acq: 26 Jun 2020 17:18

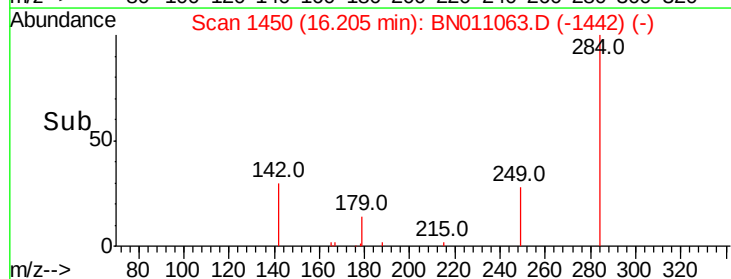
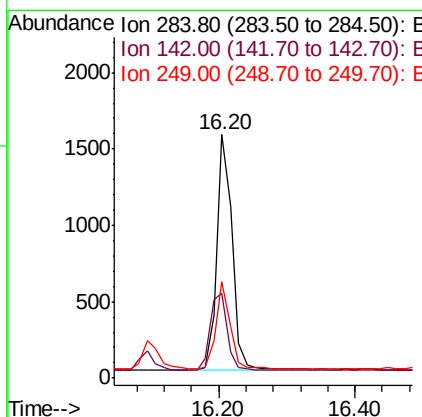
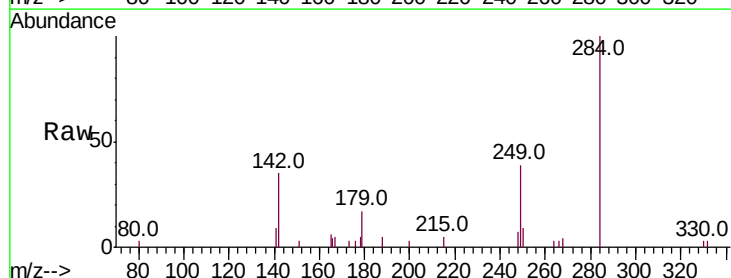
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

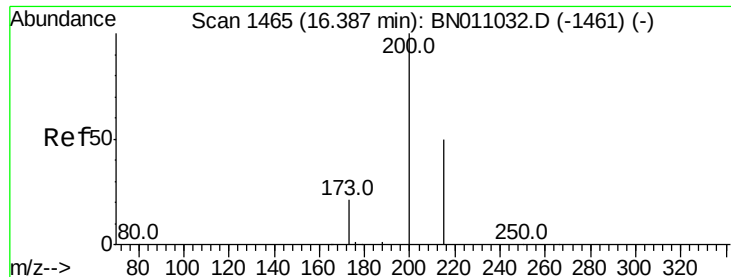
Tot Ion:248 Resp: 2013
Ion Ratio Lower Upper
248 100
250 89.6 74.6 111.8
141 78.4 60.9 91.3



#22
Hexachlorobenzene
Concen: 0.421 ng
RT: 16.20 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BN011063.D
Acq: 26 Jun 2020 17:18

Tgt Ion:284 Resp: 2386
Ion Ratio Lower Upper
284 100
142 36.7 30.4 45.6
249 33.2 27.0 40.4





#23

Atrazine

Concen: 0.385 ng

RT: 16.39 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

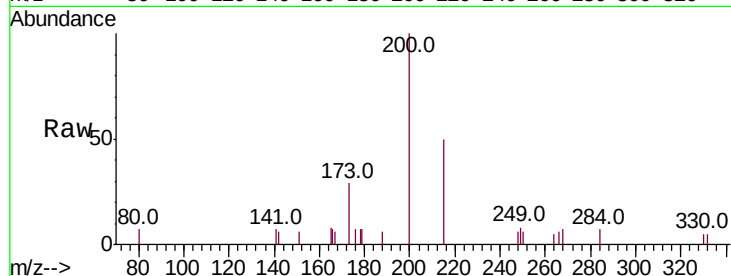
Tot Ion:200 Resp: 1458

Ion Ratio Lower Upper

200 100

173 28.7 19.4 29.2

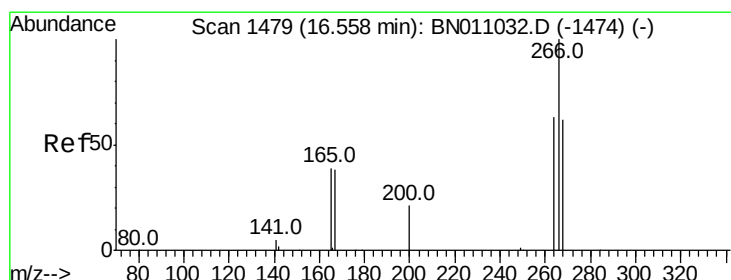
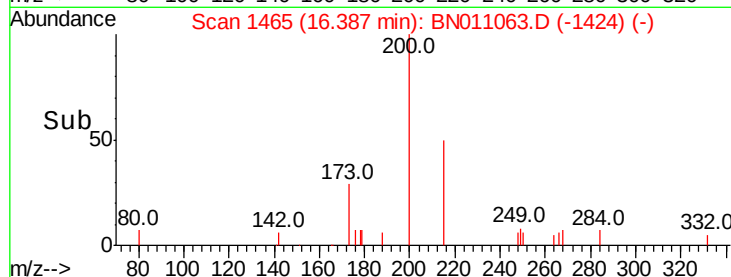
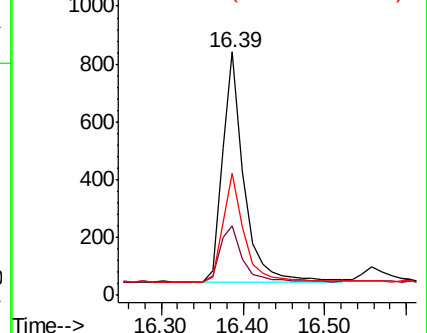
215 50.4 41.5 62.3



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: 0.342 ng

RT: 16.56 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

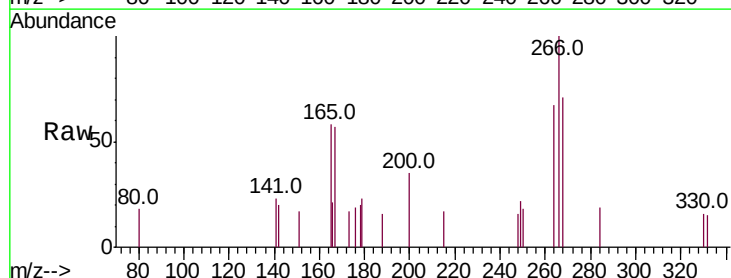
Tgt Ion:266 Resp: 613

Ion Ratio Lower Upper

266 100

264 59.4 51.4 77.0

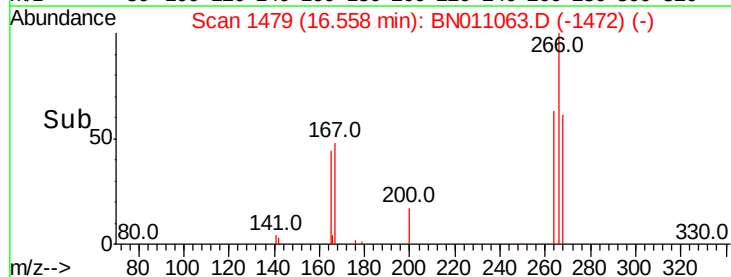
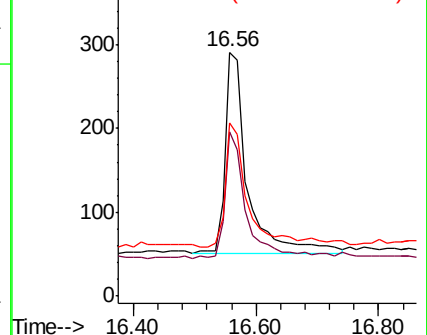
268 64.9 54.9 82.3

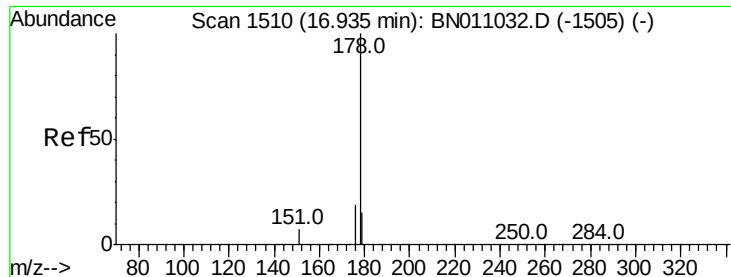


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.400 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

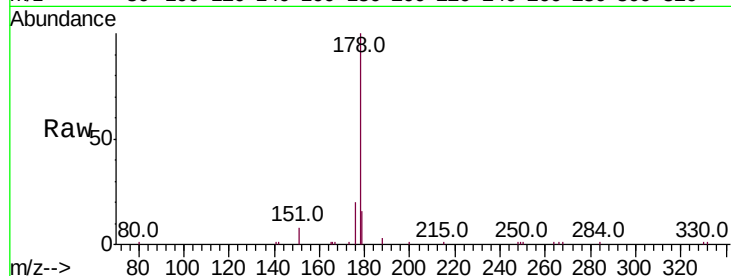
Tot Ion:178 Resp: 9991

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

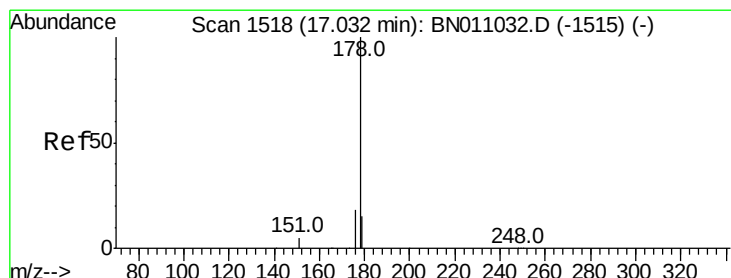
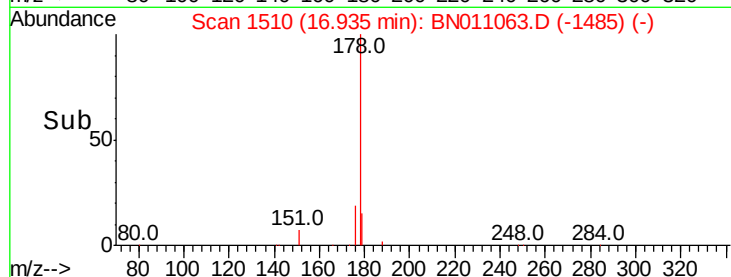
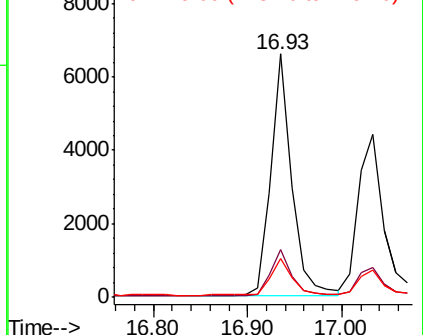
179 15.3 12.3 18.5



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: 0.394 ng

RT: 17.03 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

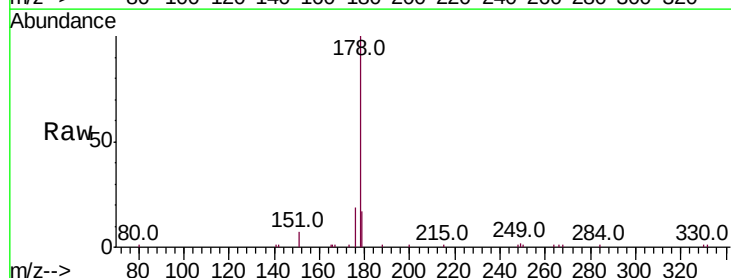
Tgt Ion:178 Resp: 8179

Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

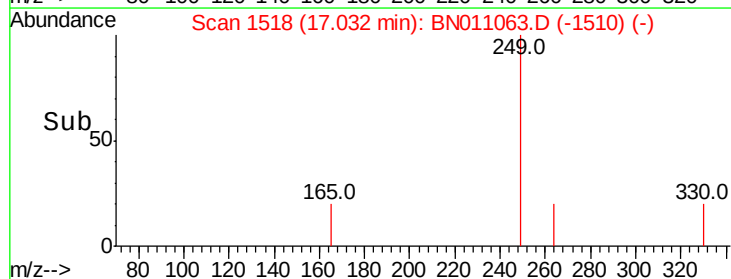
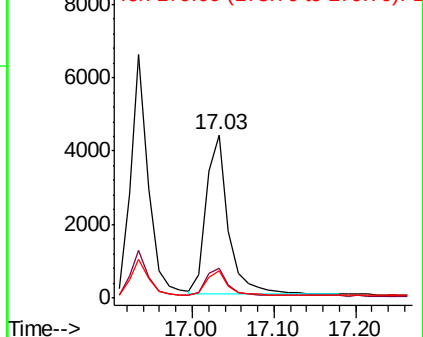
179 14.9 12.2 18.4

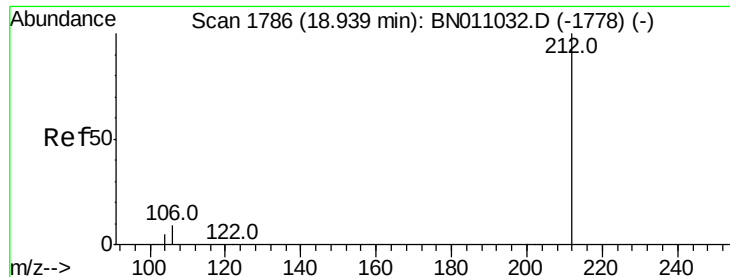


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

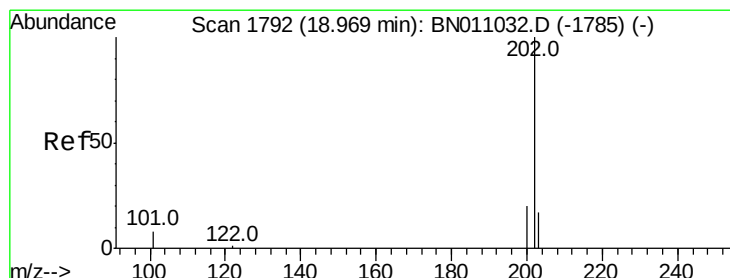
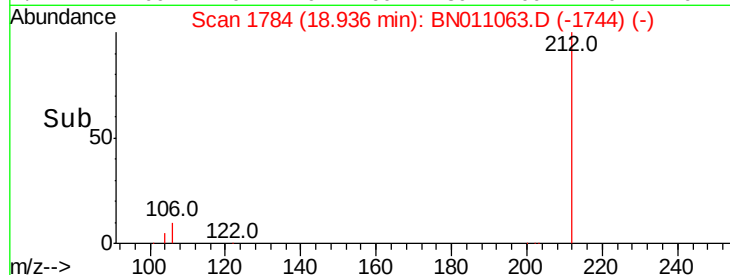
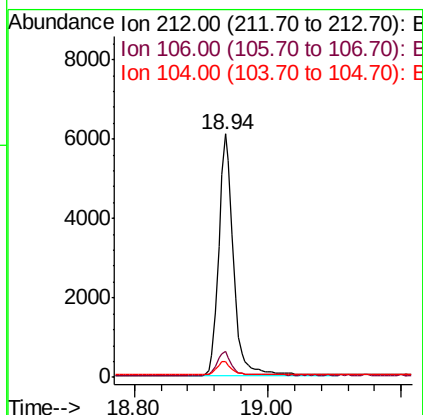
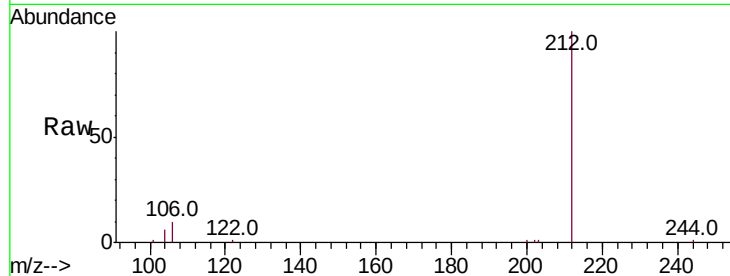




#27
 Fluoranthene-d10
 Concen: 0.397 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: BN011063.D
 Acq: 26 Jun 2020 17:18

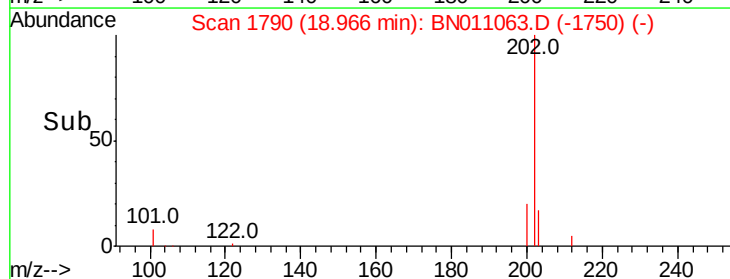
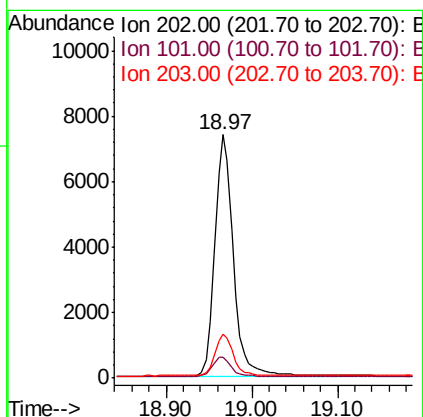
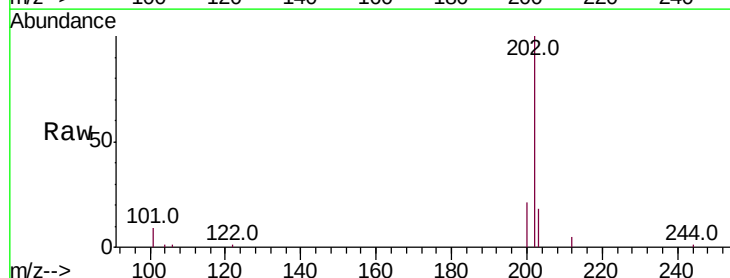
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

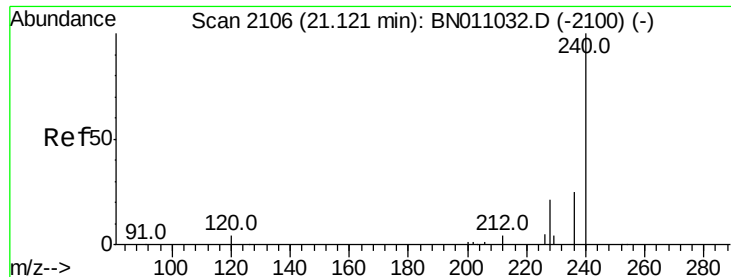
Tot Ion:212 Resp: 9302
 Ion Ratio Lower Upper
 212 100
 106 9.5 7.7 11.5
 104 5.7 4.6 6.8



#28
 Fluoranthene
 Concen: 0.386 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: BN011063.D
 Acq: 26 Jun 2020 17:18

Tgt Ion:202 Resp: 11033
 Ion Ratio Lower Upper
 202 100
 101 8.4 6.6 10.0
 203 16.8 13.8 20.6

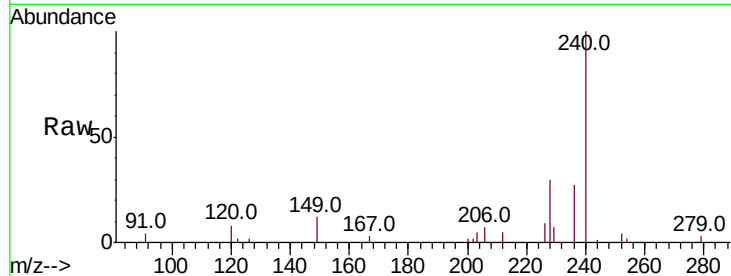




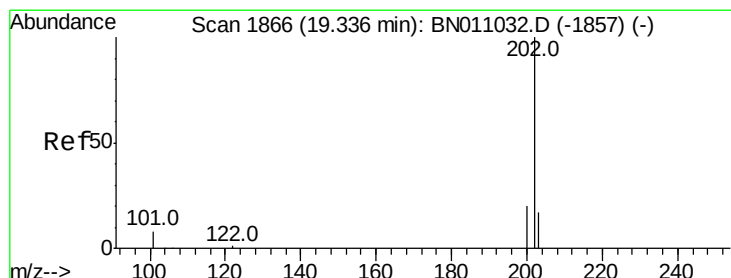
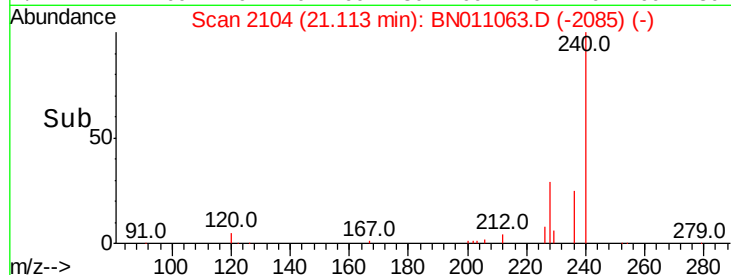
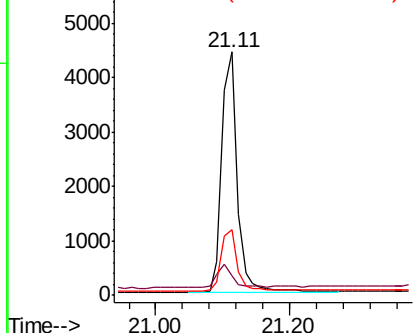
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BN011063.D
Acq: 26 Jun 2020 17:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 7101
Ion Ratio Lower Upper
240 100
120 7.8 5.4 8.0
236 27.1 21.4 32.2

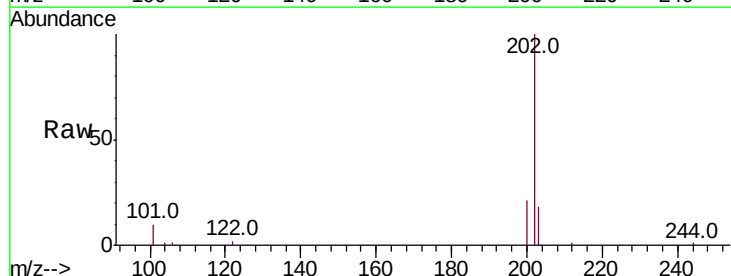


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

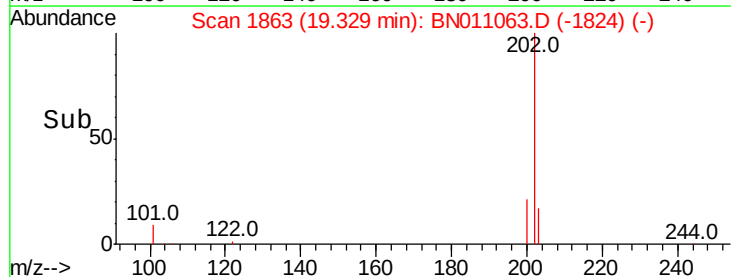
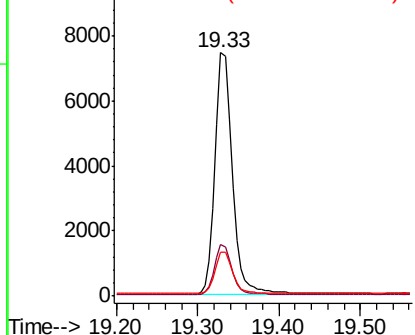


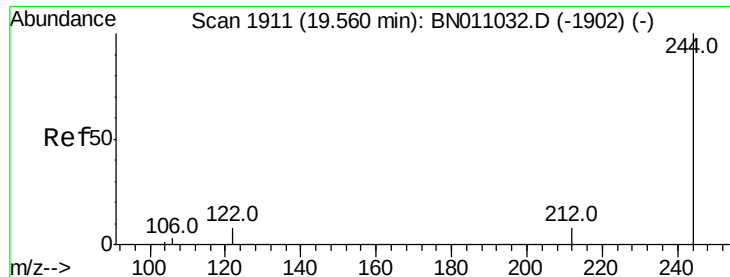
#30
Pyrene
Concen: 0.404 ng
RT: 19.33 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN011063.D
Acq: 26 Jun 2020 17:18

Tgt Ion:202 Resp: 11048
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 17.5 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: 0.411 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

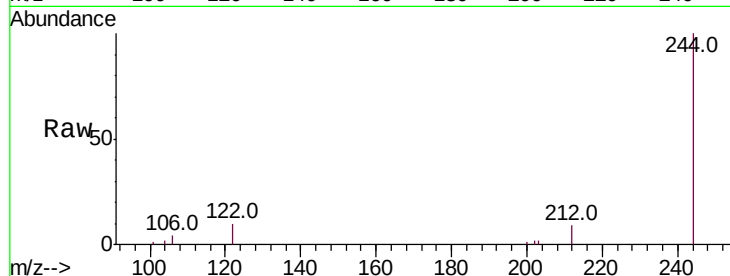
Tot Ion:244 Resp: 7829

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

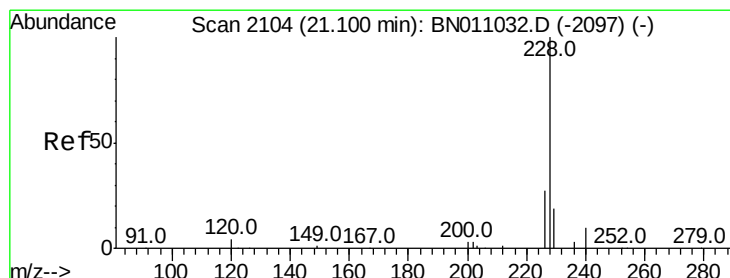
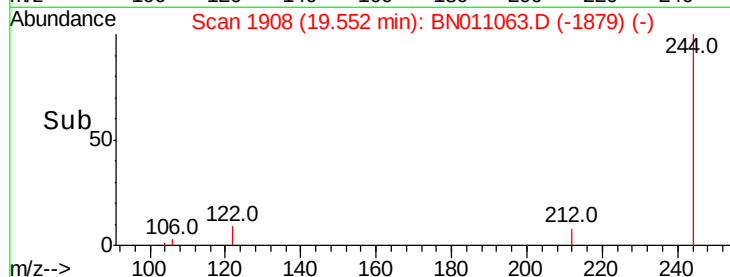
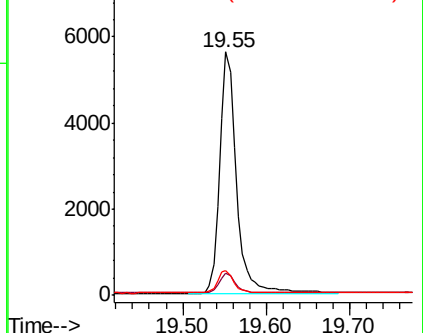
122 10.2 7.4 11.0



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: 0.404 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

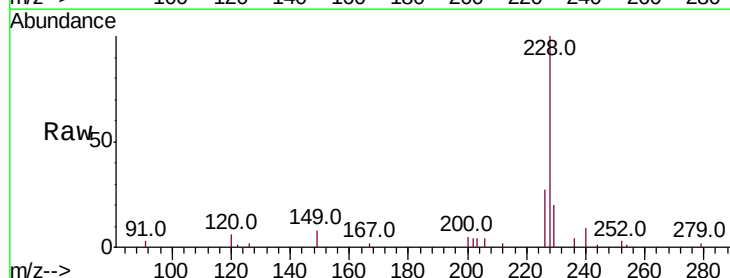
Tgt Ion:228 Resp: 9943

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

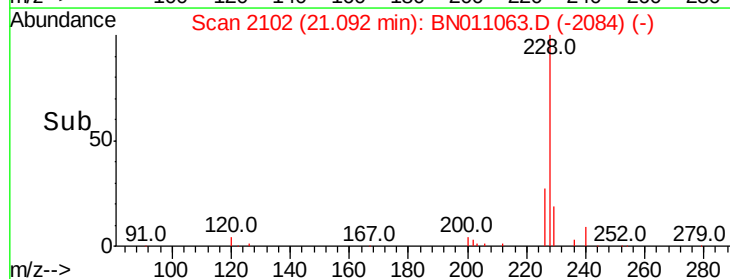
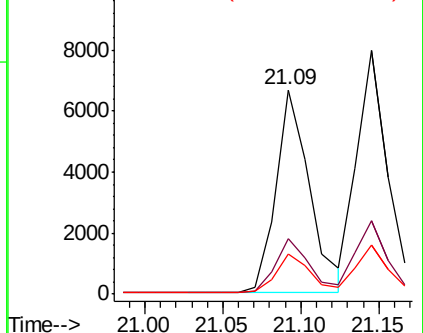
229 19.7 15.9 23.9

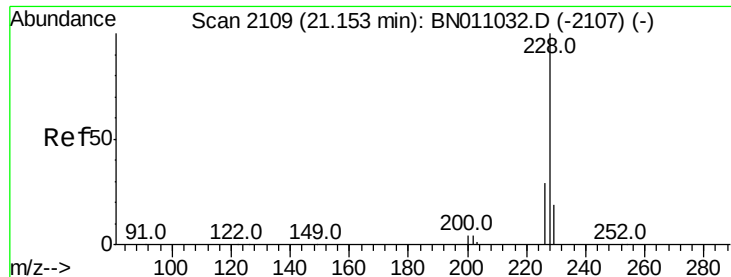


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.407 ng

RT: 21.14 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

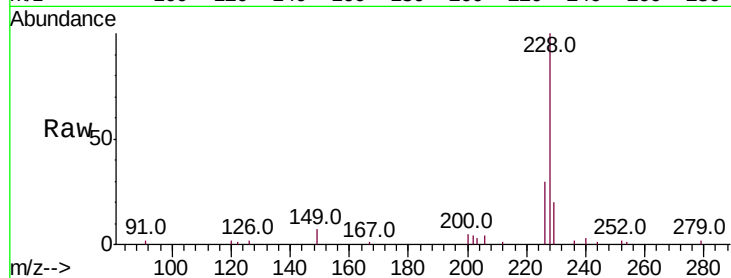
Tot Ion:228 Resp: 10922

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

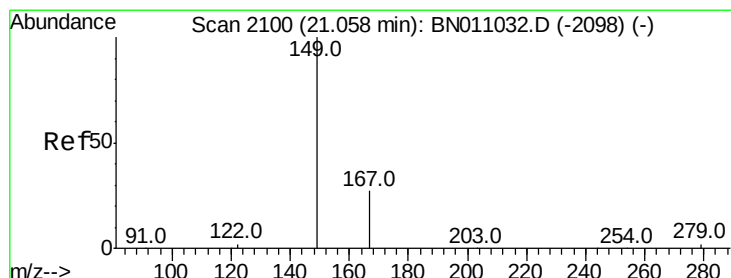
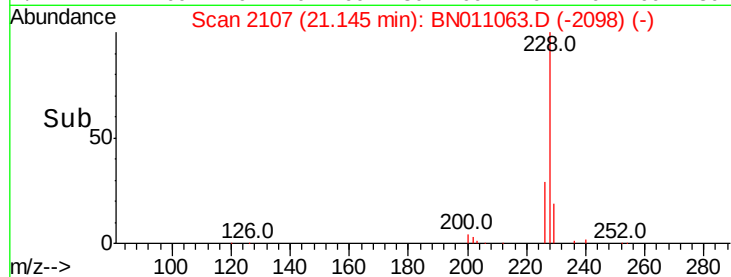
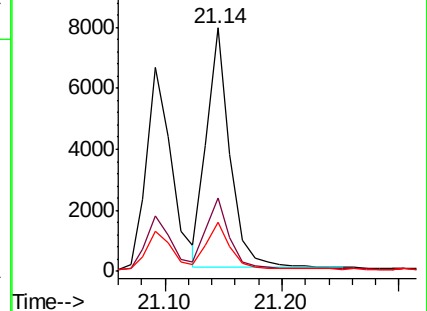
229 20.1 15.8 23.6



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: 0.425 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

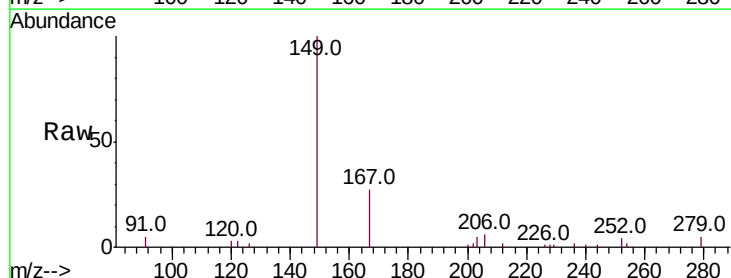
Tgt Ion:149 Resp: 4199

Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

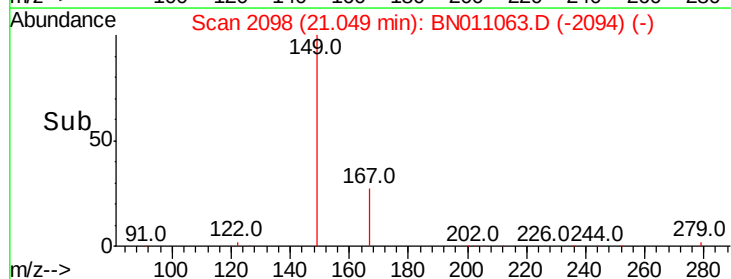
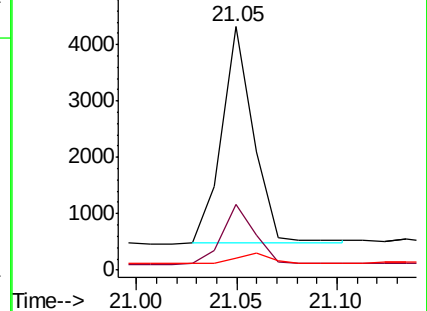
279 4.6 3.9 5.9

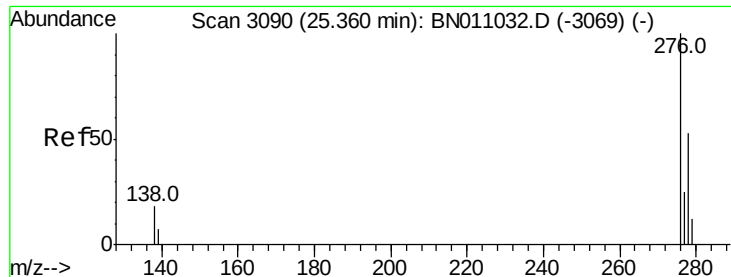


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.431 ng

RT: 25.35 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

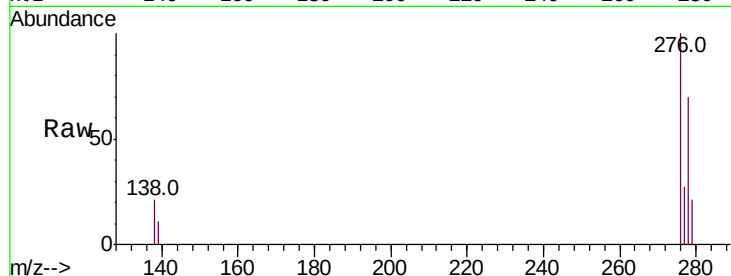
Tot Ion:276 Resp: 12858

Ion Ratio Lower Upper

276 100

138 20.3 16.2 24.2

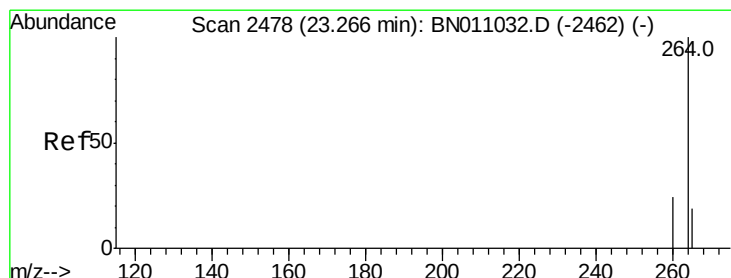
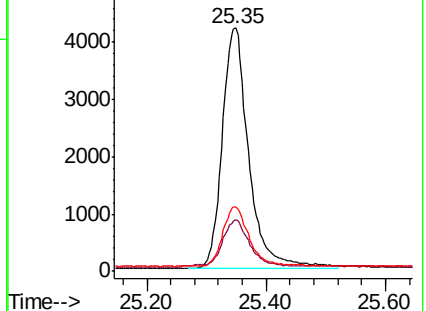
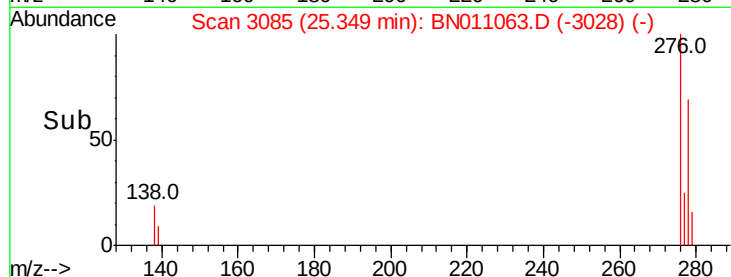
277 24.7 19.9 29.9



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# 2472

Delta R.T. -0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

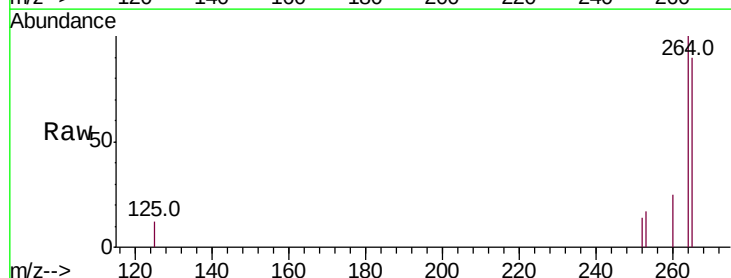
Tgt Ion:264 Resp: 6875

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

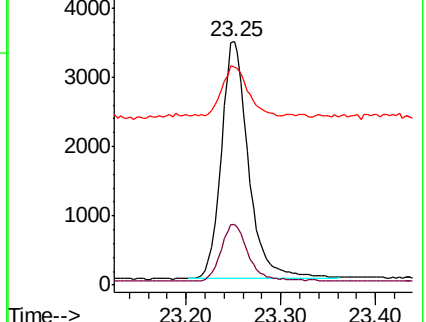
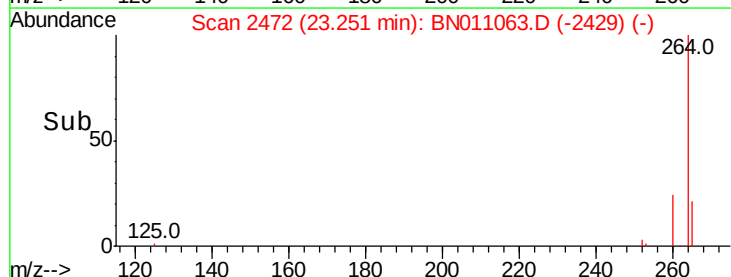
265 89.5 64.9 97.3

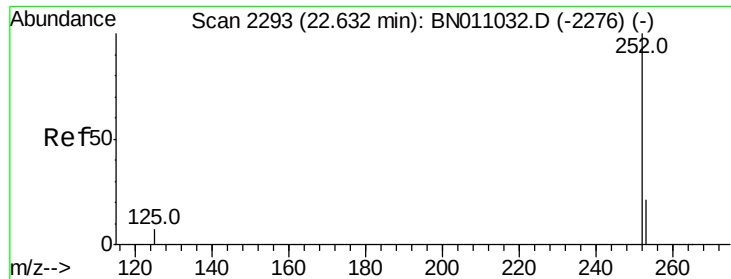


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.393 ng

RT: 22.62 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

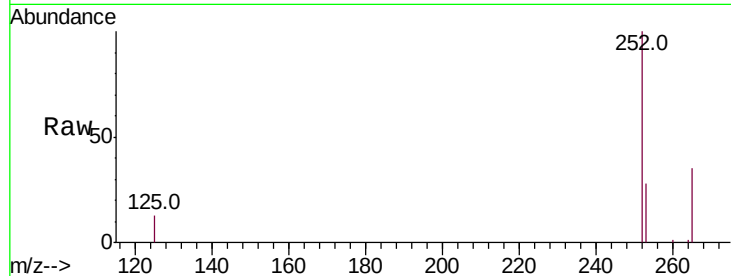
Tot Ion:252 Resp: 10690

Ion Ratio Lower Upper

252 100

253 28.1 21.4 32.0

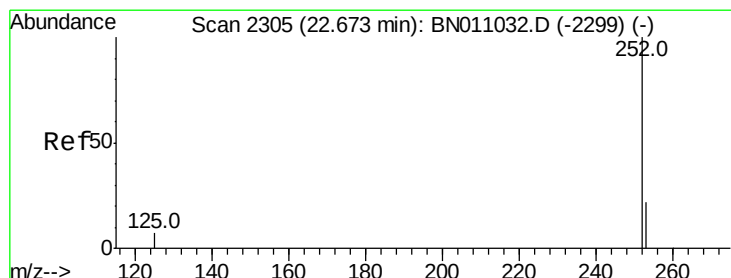
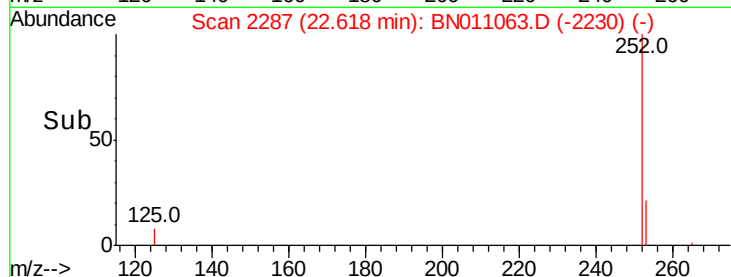
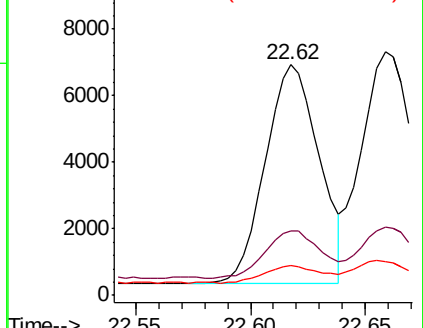
125 12.9 9.3 13.9



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



#38

Benzo(k)fluoranthene

Concen: 0.424 ng

RT: 22.66 min Scan# 2299

Delta R.T. -0.01 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

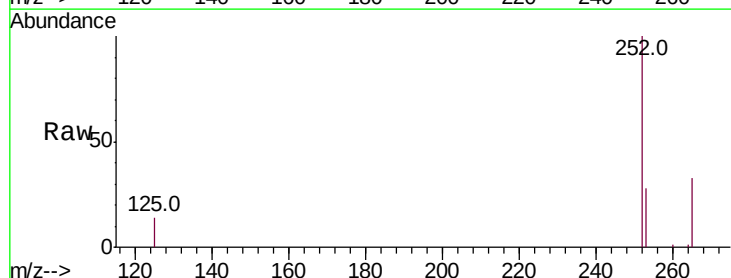
Tgt Ion:252 Resp: 11991

Ion Ratio Lower Upper

252 100

253 28.1 21.8 32.6

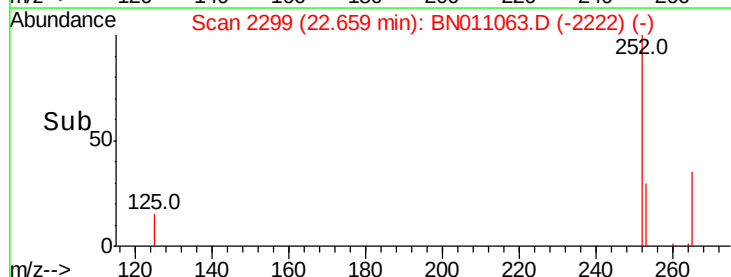
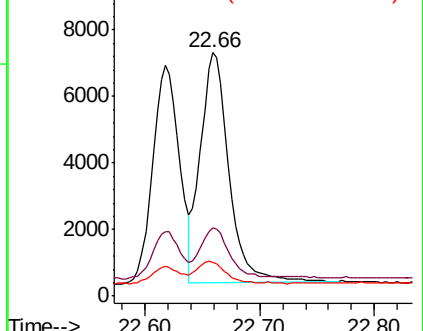
125 13.8 9.8 14.6

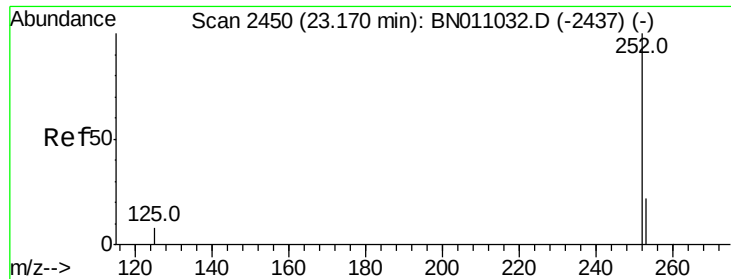


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.406 ng

RT: 23.16 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

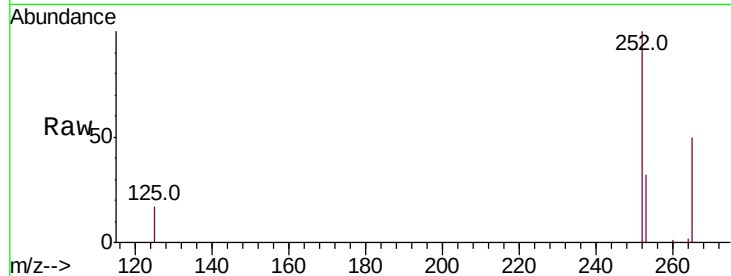
Tot Ion:252 Resp: 9801

Ion Ratio Lower Upper

252 100

253 31.8 23.1 34.7

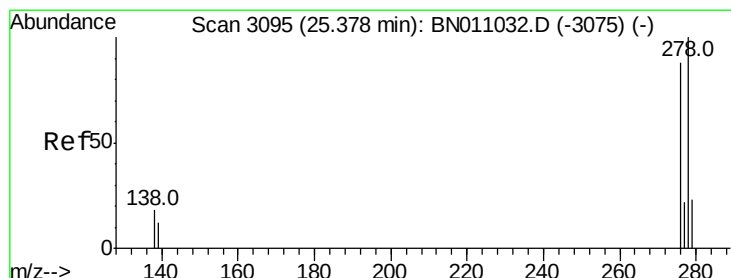
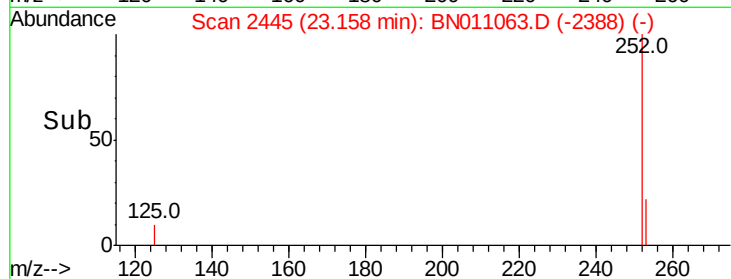
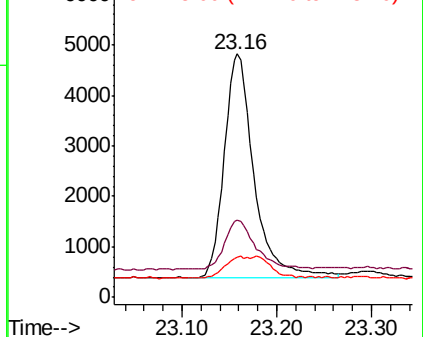
125 16.6 11.2 16.8



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: 0.401 ng

RT: 25.36 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BN011063.D

Acq: 26 Jun 2020 17:18

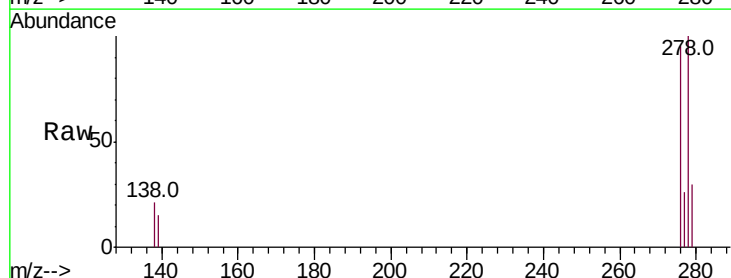
Tgt Ion:278 Resp: 10435

Ion Ratio Lower Upper

278 100

139 15.1 11.2 16.8

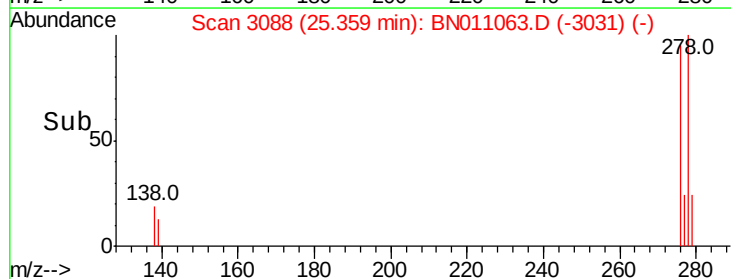
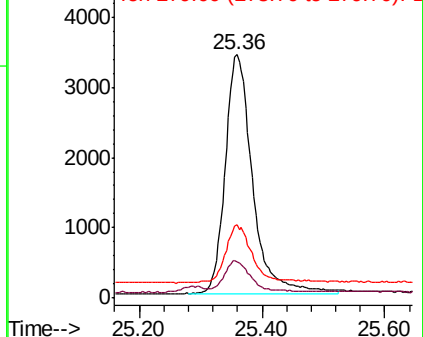
279 30.0 22.6 34.0

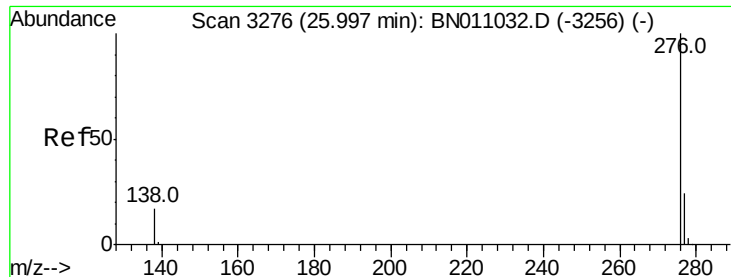


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.399 ng

RT: 25.98 min Scan# 3269

Delta R.T. -0.01 min

Lab File: BN011063.D

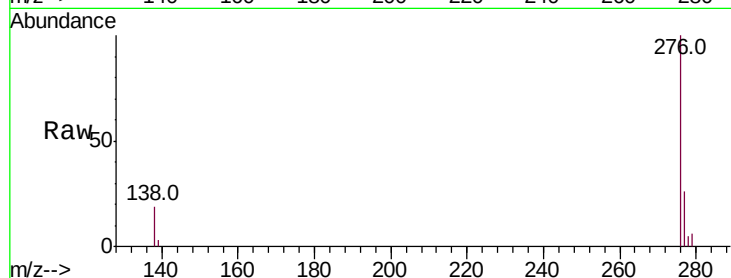
Acq: 26 Jun 2020 17:18

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:276 Resp: 10765

Ion Ratio Lower Upper

276 100

277 25.5 20.4 30.6

138 18.9 15.1 22.7

