

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
 Data File : BN011032.D
 Acq On : 23 Jun 2020 15:51
 Operator : CG/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jun 23 16:39:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 16:32:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2412	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	8245	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	4310	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	8570	0.40	ng	0.00
29) Chrysene-d12	21.12	240	8280	0.40	ng	0.00
36) Perylene-d12	23.27	264	9039	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	2912	0.61	ng	0.00
5) Phenol-d6	6.71	99	3488	0.61	ng	0.00
8) Nitrobenzene-d5	8.64	82	3415	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	6187	0.48	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	758	0.49	ng	0.00
15) 2-Fluorobiphenyl	12.76	172	8369	0.51	ng	0.00
27) Fluoranthene-d10	18.94	212	10843	0.48	ng	0.00
31) Terphenyl-d14	19.56	244	9176	0.49	ng	0.00

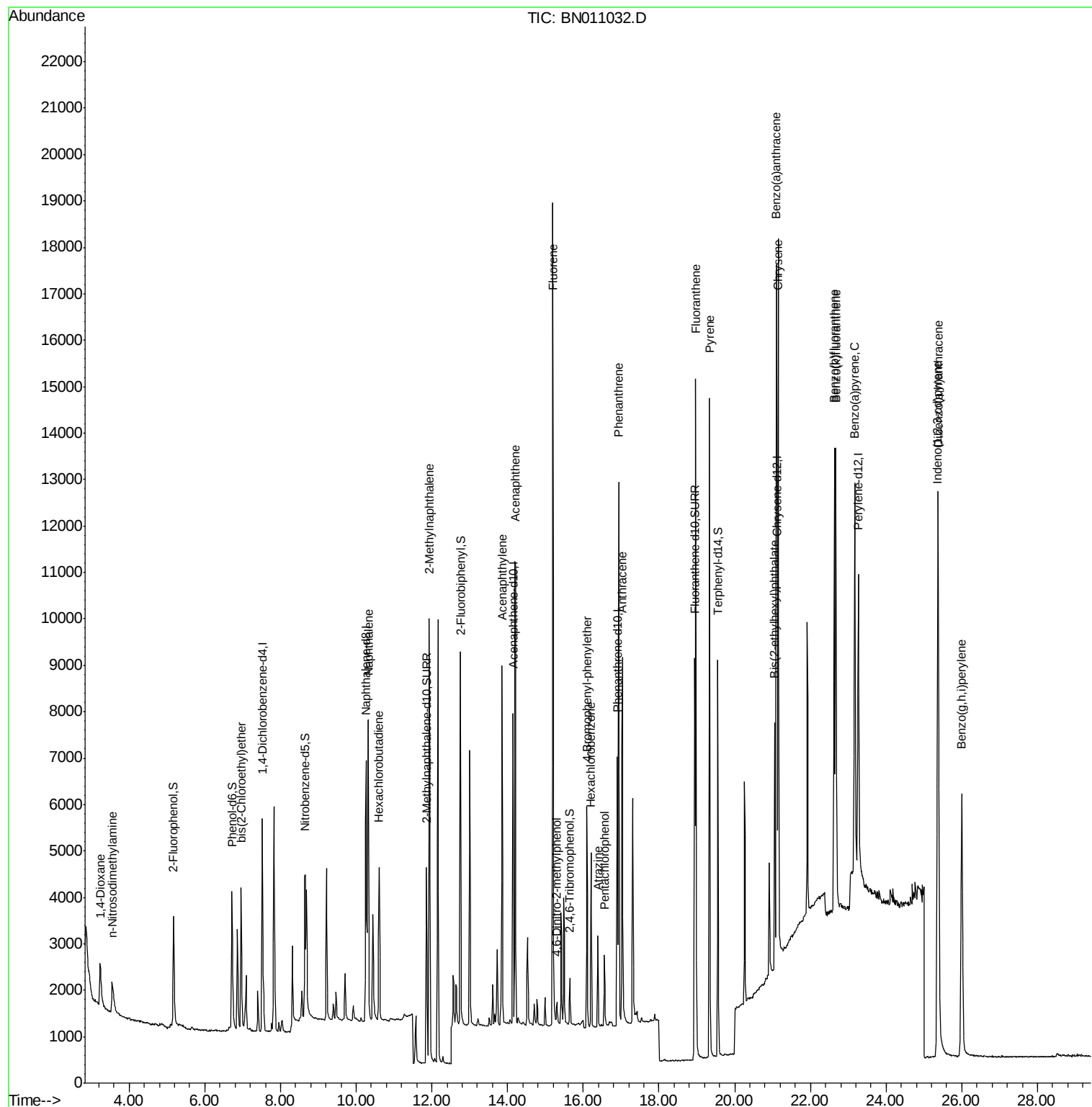
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1404	0.594	ng	96
3) n-Nitrosodimethylamine	3.55	42	775	0.559	ng	97
6) bis(2-Chloroethyl)ether	6.96	93	3038	0.547	ng	100
9) Naphthalene	10.32	128	9860	0.483	ng	100
10) Hexachlorobutadiene	10.61	225	2500	0.501	ng	# 100
12) 2-Methylnaphthalene	11.93	142	7080	0.504	ng	100
16) Acenaphthylene	13.85	152	8575	0.491	ng	100
17) Acenaphthene	14.21	154	5914	0.496	ng	100
18) Fluorene	15.20	166	7547	0.488	ng	100
20) 4,6-Dinitro-2-methylphenol	15.30	198	533	0.515	ng	100
21) 4-Bromophenyl-phenylether	16.10	248	2449	0.496	ng	100
22) Hexachlorobenzene	16.20	284	2748	0.526	ng	100
23) Atrazine	16.39	200	1724	0.570	ng	100
24) Pentachlorophenol	16.56	266	834	0.476	ng	98
25) Phenanthrene	16.93	178	11906	0.513	ng	100
26) Anthracene	17.03	178	9601	0.498	ng	100
28) Fluoranthene	18.97	202	13679	0.531	ng	100
30) Pyrene	19.34	202	12902	0.485	ng	100
32) Benzo(a)anthracene	21.10	228	11813	0.494	ng	100
33) Chrysene	21.15	228	12624	0.461	ng	100
34) Bis(2-ethylhexyl)phthalate	21.06	149	4703	0.553	ng	99
35) Indeno(1,2,3-cd)pyrene	25.36	276	14777	0.488	ng	100
37) Benzo(b)fluoranthene	22.63	252	12651	0.419	ng	100
38) Benzo(k)fluoranthene	22.67	252	12731	0.399	ng	100
39) Benzo(a)pyrene	23.17	252	12853	0.492	ng	100
40) Dibenzo(a,h)anthracene	25.38	278	12122	0.417	ng	100
41) Benzo(g,h,i)perylene	26.00	276	12115	0.401	ng	100

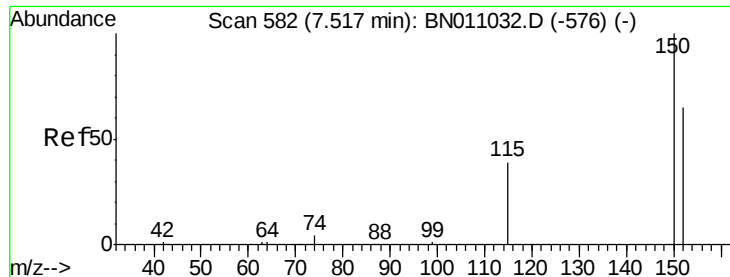
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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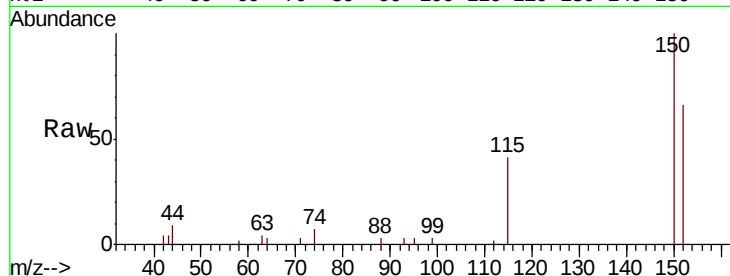


#1

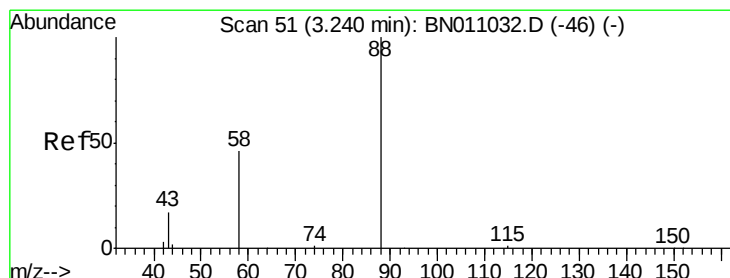
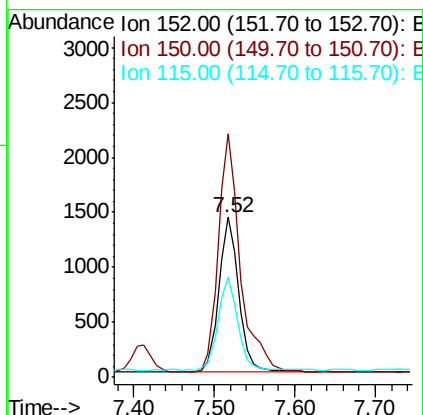
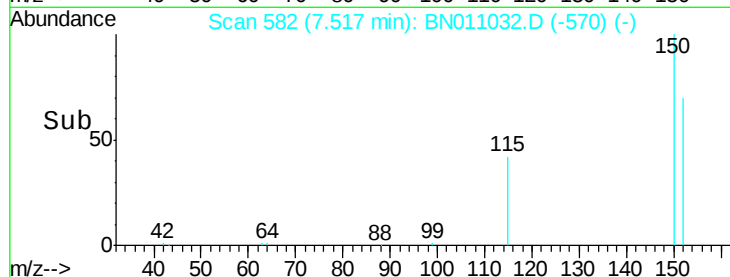
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.00 min
Lab File: BN011032.D
Acq: 23 Jun 2020 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 2412
Ion Ratio Lower Upper
152 100
150 152.3 121.8 182.8
115 62.7 50.2 75.2



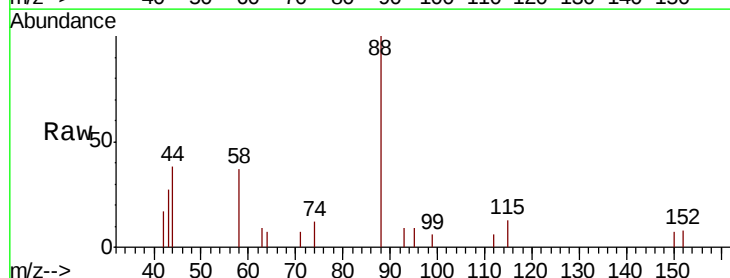
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



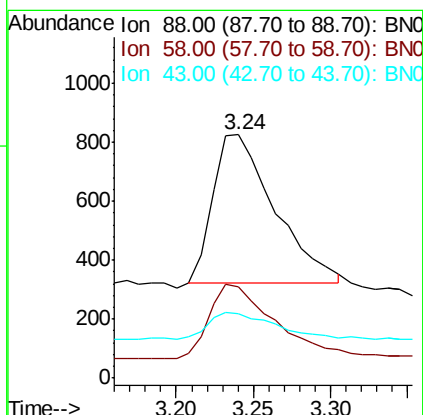
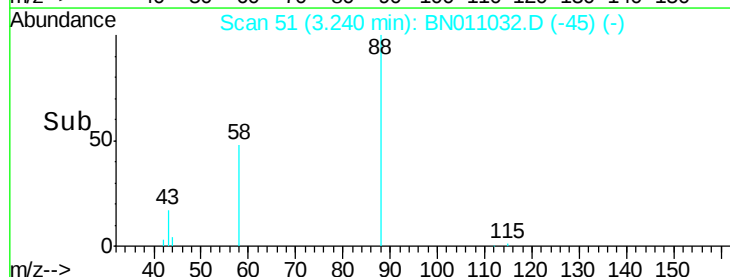
#2

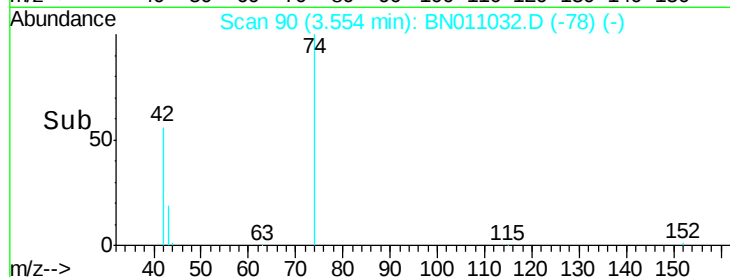
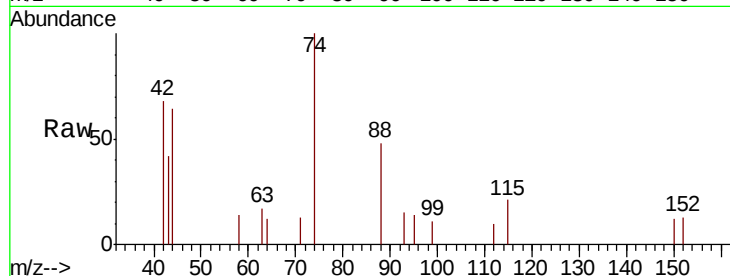
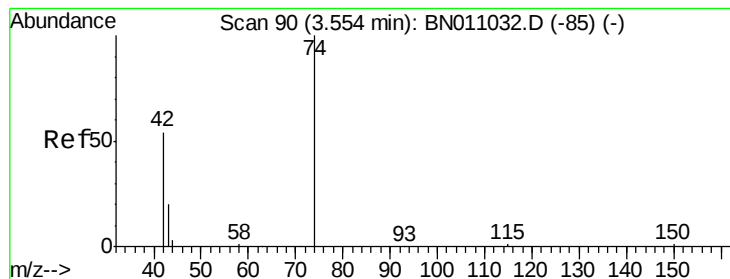
1,4-Dioxane
Concen: 0.594 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN011032.D
Acq: 23 Jun 2020 15:51

Tgt Ion: 88 Resp: 1404
Ion Ratio Lower Upper
88 100
58 44.7 38.4 57.6
43 16.7 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: 0.559 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

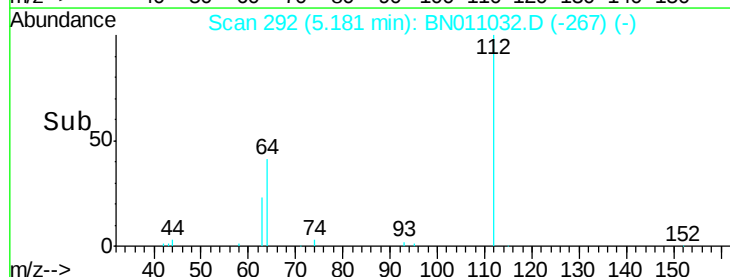
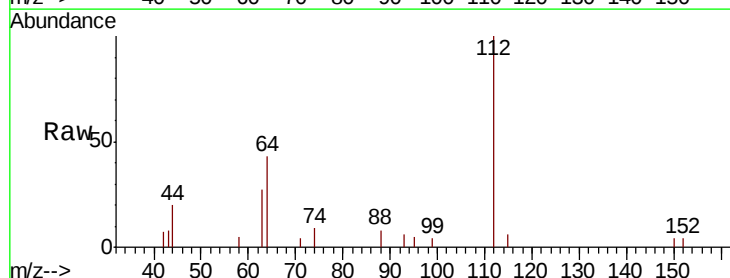
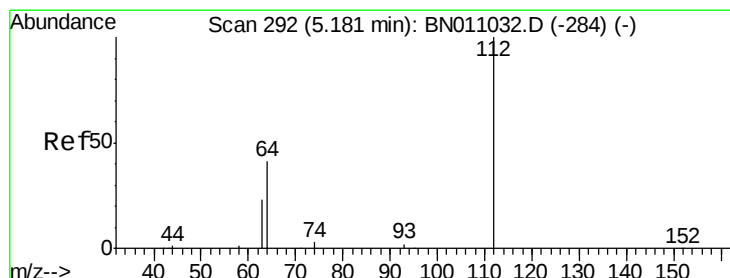
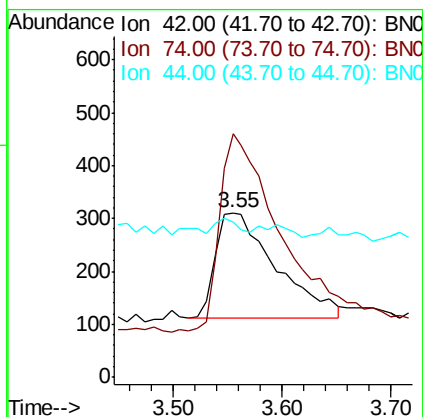
Tot Ion: 42 Resp: 775

Ion Ratio Lower Upper

42 100

74 188.6 154.8 232.2

44 6.2 4.8 7.2



#4

2-Fluorophenol

Concen: 0.614 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

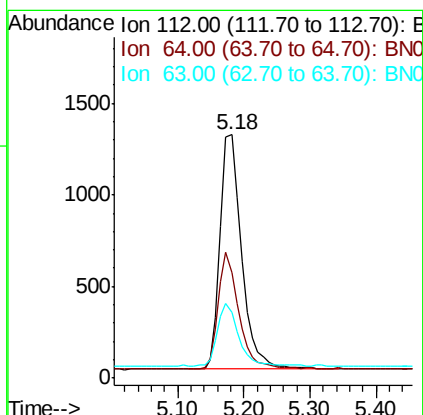
Tgt Ion: 112 Resp: 2912

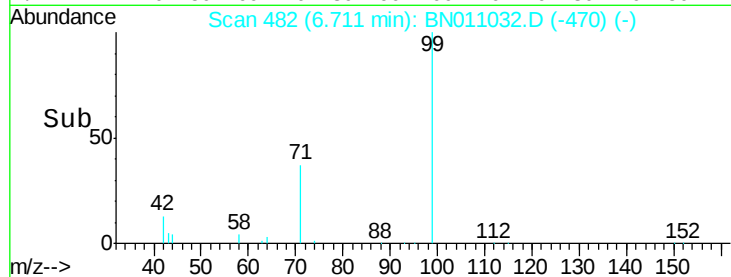
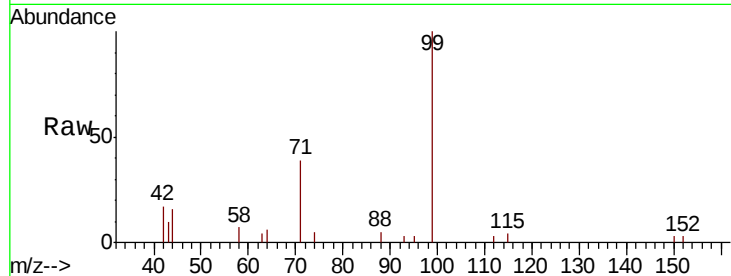
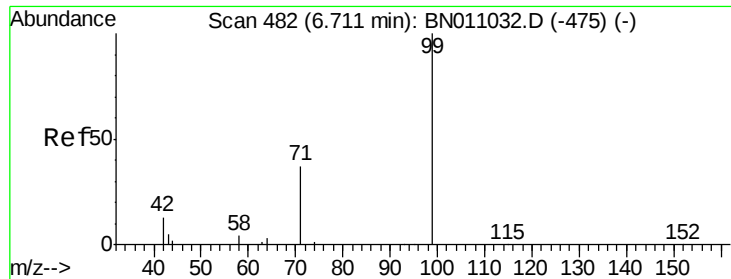
Ion Ratio Lower Upper

112 100

64 46.6 37.3 55.9

63 25.5 20.4 30.6





#5

Phenol-d6

Concen: 0.607 ng

RT: 6.71 min Scan# 482

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

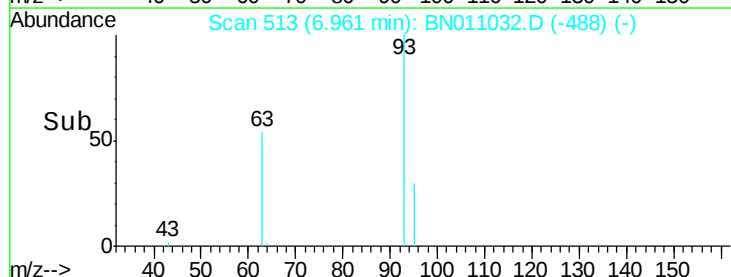
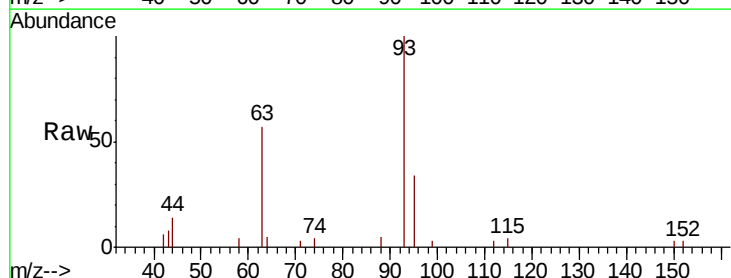
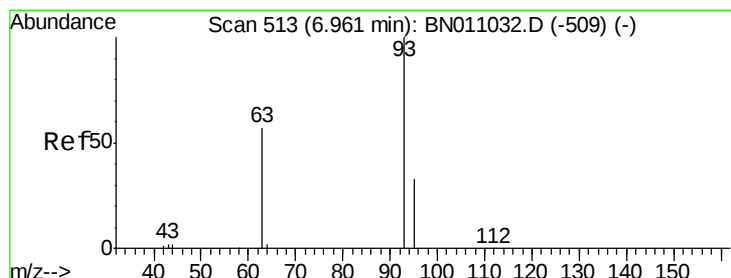
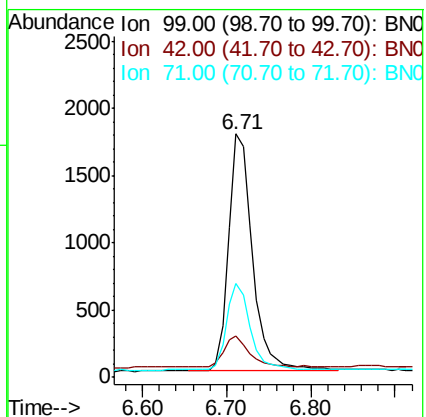
Tot Ion: 99 Resp: 3488

Ion Ratio Lower Upper

99 100

42 13.3 10.6 16.0

71 35.9 28.7 43.1



#6

bis(2-Chloroethyl)ether

Concen: 0.547 ng

RT: 6.96 min Scan# 513

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

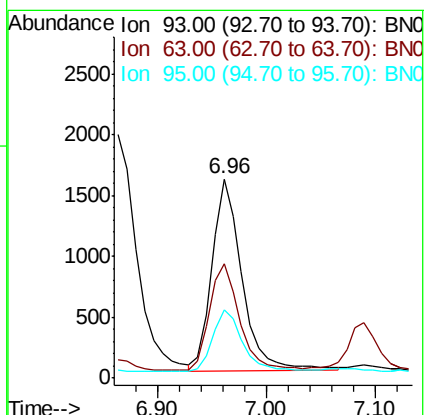
Tgt Ion: 93 Resp: 3038

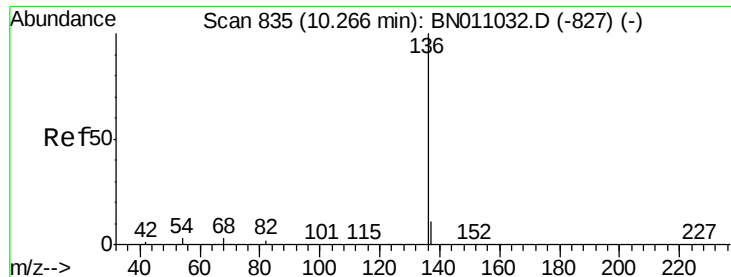
Ion Ratio Lower Upper

93 100

63 54.6 43.7 65.5

95 31.6 25.3 37.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 8245

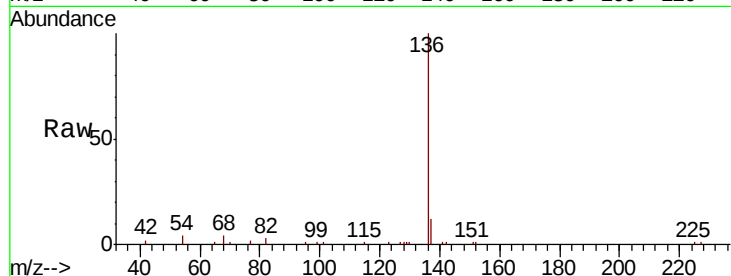
Ion Ratio Lower Upper

136 100

137 12.0 9.6 14.4

54 3.7 3.0 4.4

68 4.3 3.4 5.2

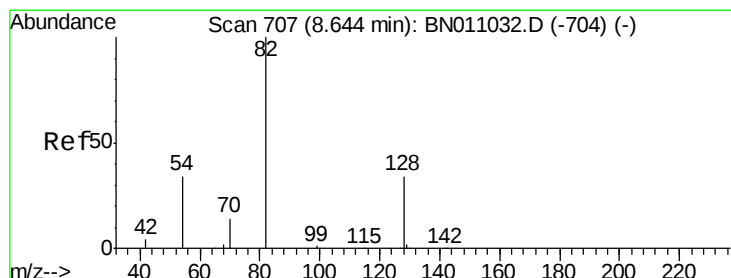
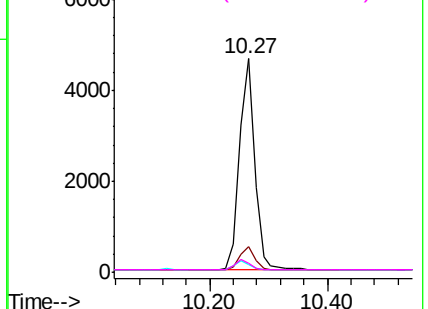
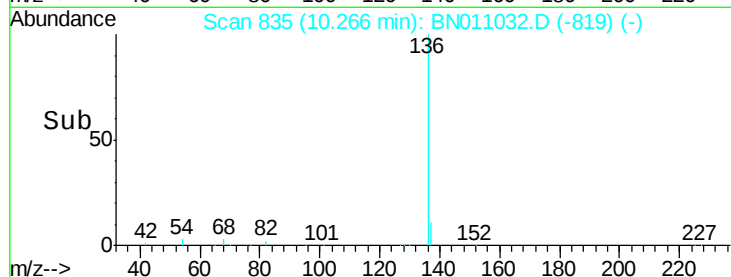


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.574 ng

RT: 8.64 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

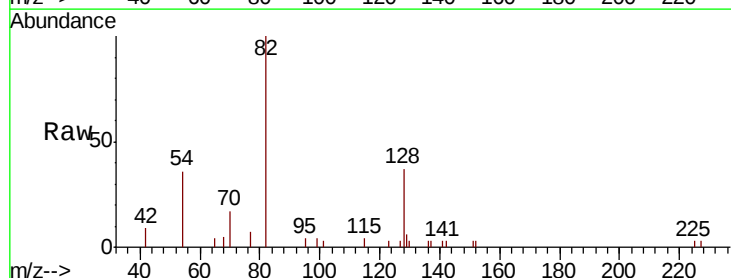
Tgt Ion: 82 Resp: 3415

Ion Ratio Lower Upper

82 100

128 36.8 29.4 44.2

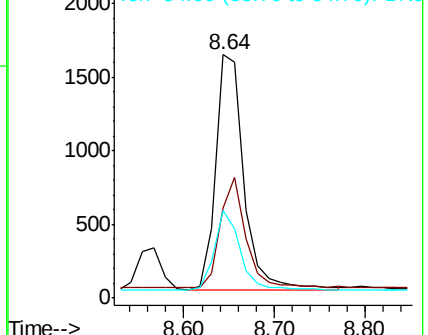
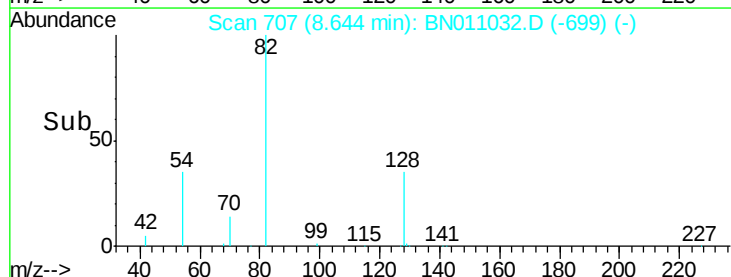
54 36.0 28.8 43.2

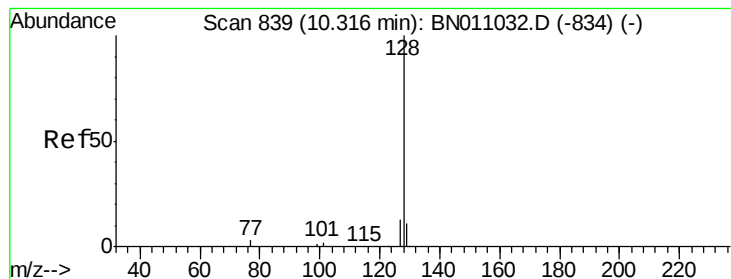


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.483 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

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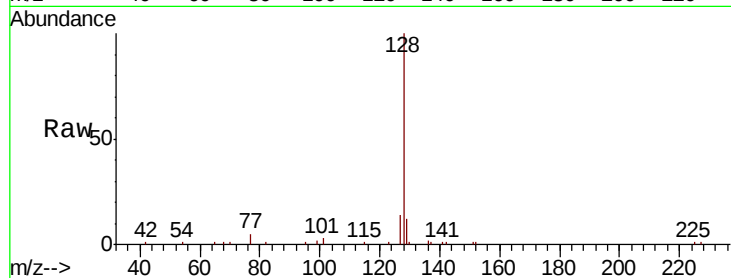
Tot Ion:128 Resp: 9860

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.6

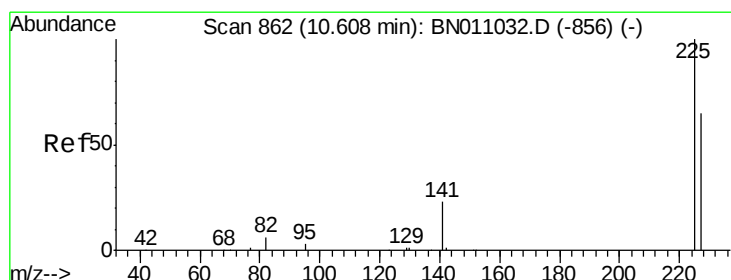
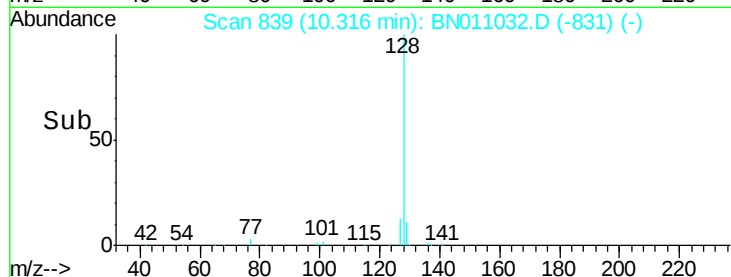
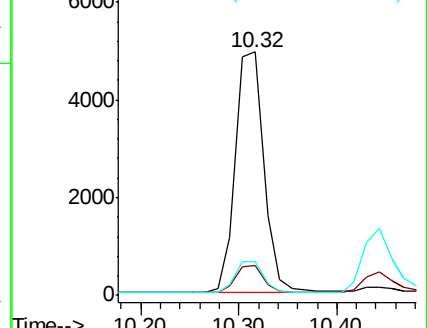
127 13.6 10.9 16.3



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: 0.501 ng

RT: 10.61 min Scan# 862

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

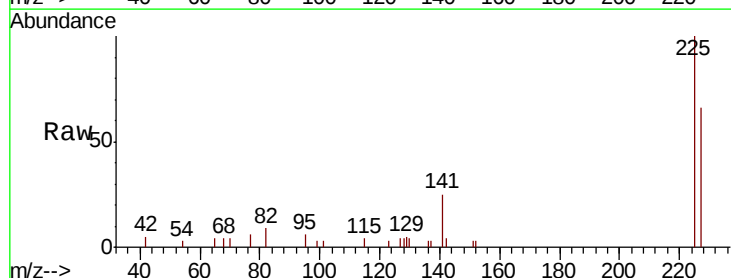
Tgt Ion:225 Resp: 2500

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

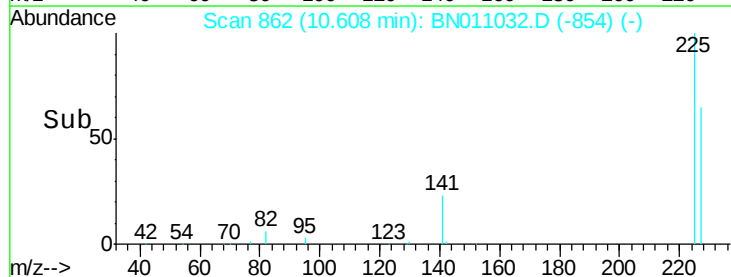
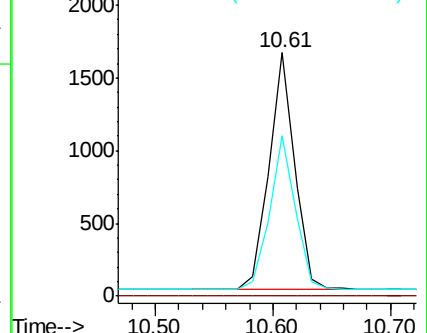
227 64.6 51.7 77.5

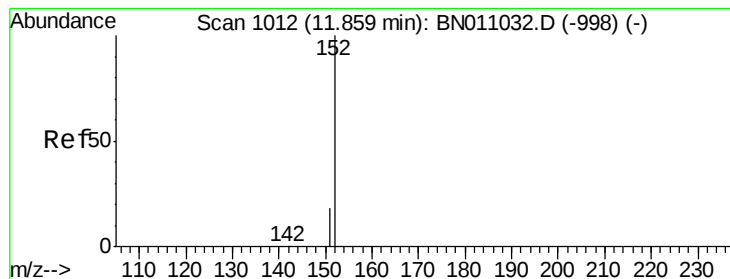


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.483 ng

RT: 11.86 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

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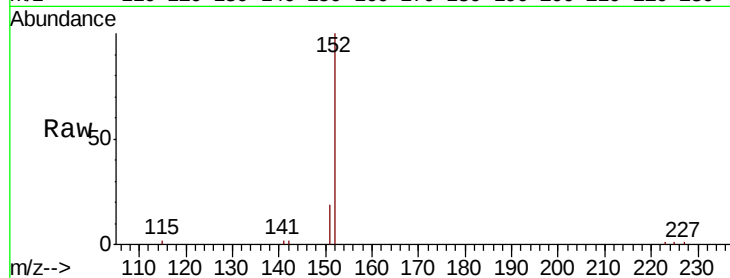
SSTDICCC0.4

Tot Ion:152 Resp: 6187

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

11.86

4000

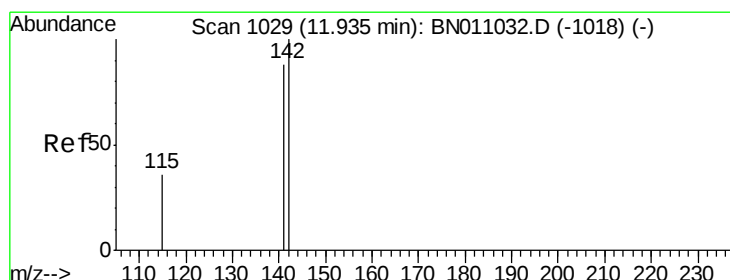
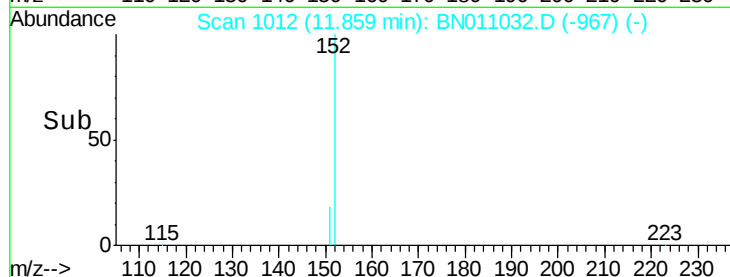
3000

2000

1000

0

Time--> 11.70 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.504 ng

RT: 11.93 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

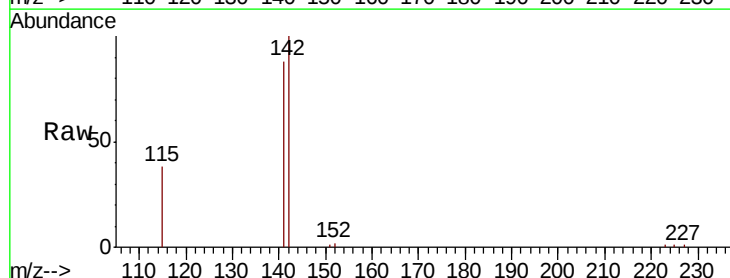
Tgt Ion:142 Resp: 7080

Ion Ratio Lower Upper

142 100

141 88.3 70.6 106.0

115 37.7 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

11.93

6000

5000

4000

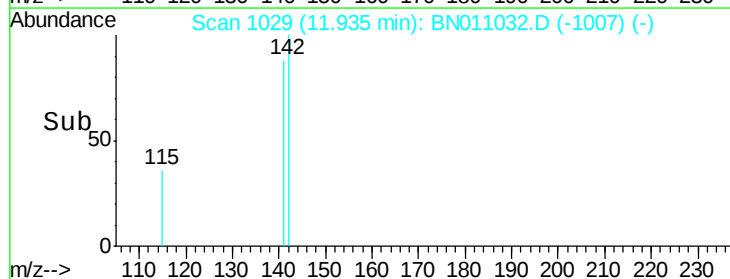
3000

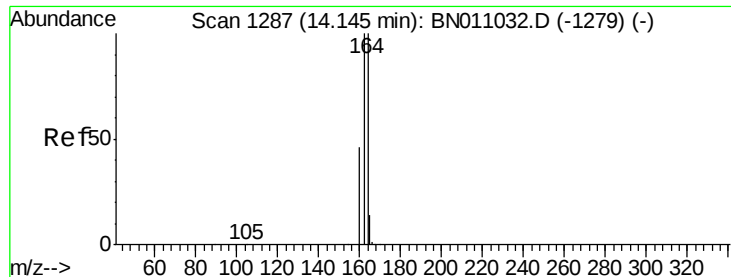
2000

1000

0

Time--> 11.80 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

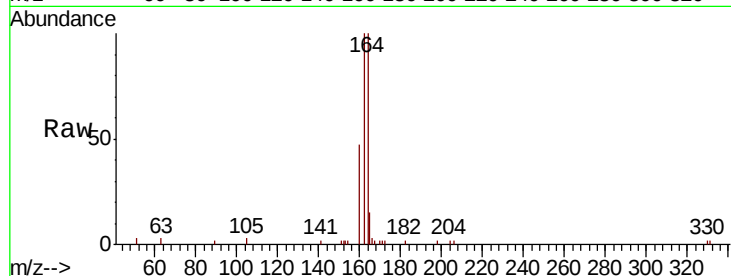
Tot Ion:164 Resp: 4310

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.4

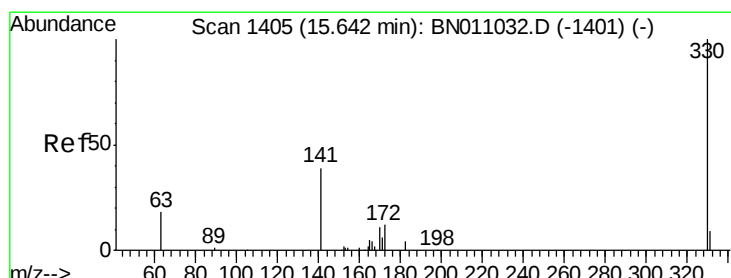
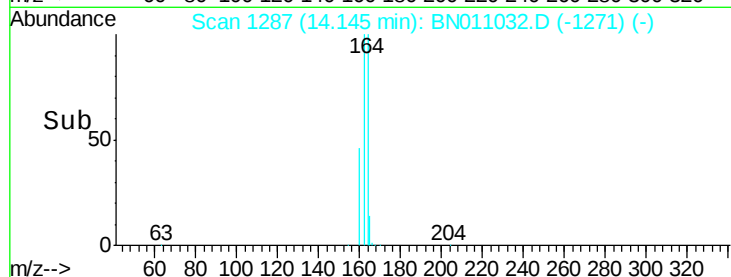
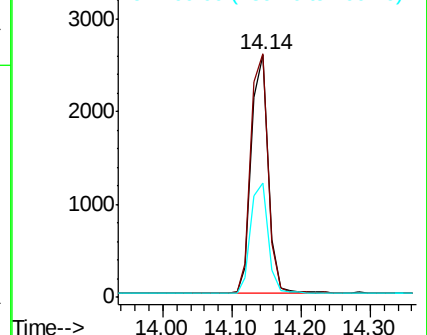
160 47.1 37.7 56.5



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: 0.494 ng

RT: 15.64 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

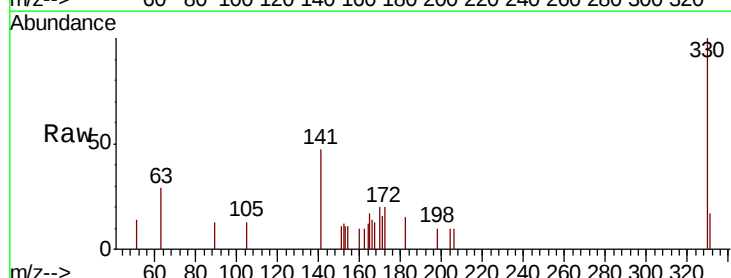
Tgt Ion:330 Resp: 758

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

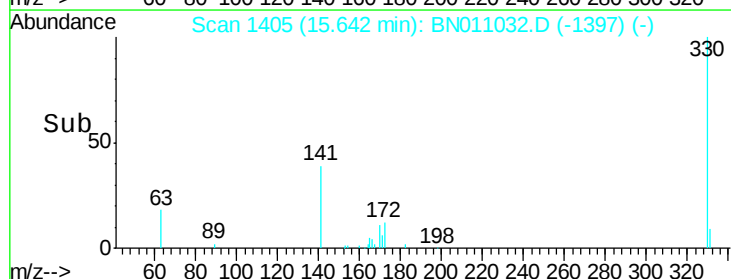
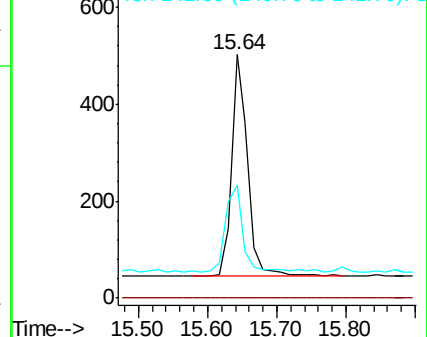
141 43.5 34.5 51.7

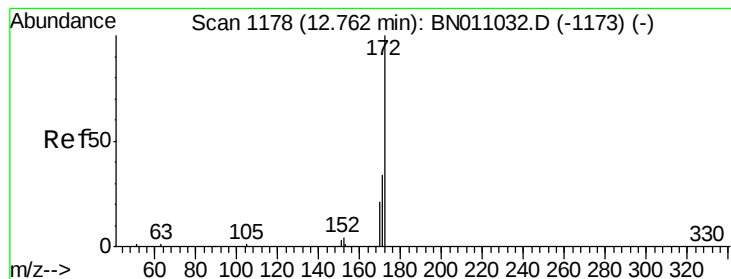


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.510 ng

RT: 12.76 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

Instrument :

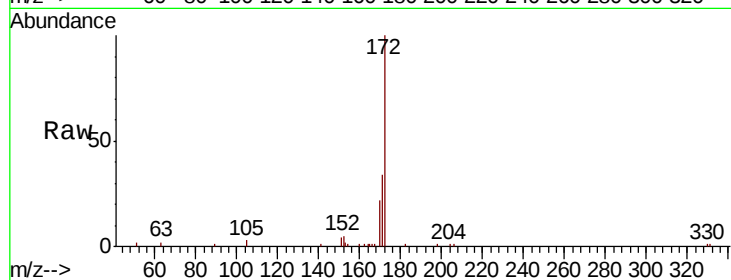
BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:172 Resp: 8369

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.2
170	21.9	17.5	26.3

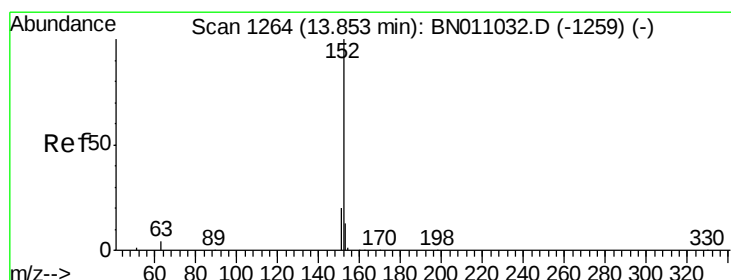
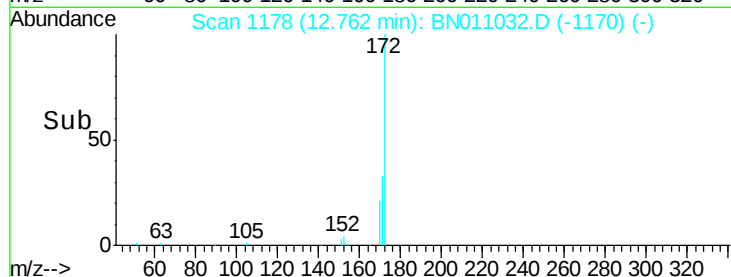
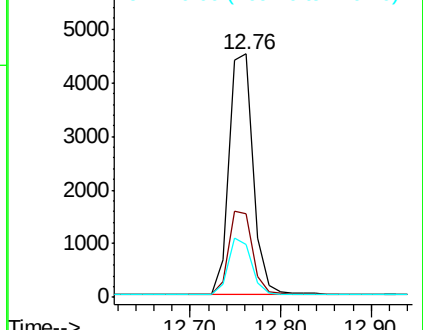


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.491 ng

RT: 13.85 min Scan# 1264

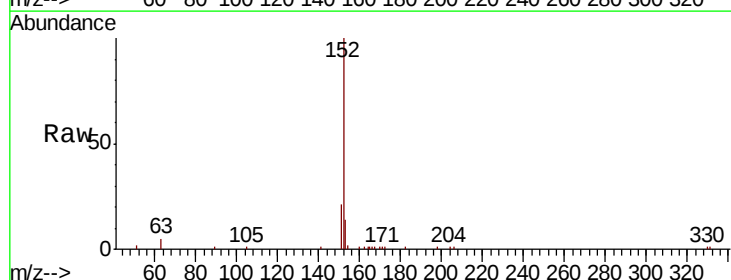
Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

Tgt Ion:152 Resp: 8575

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	12.7	10.2	15.2

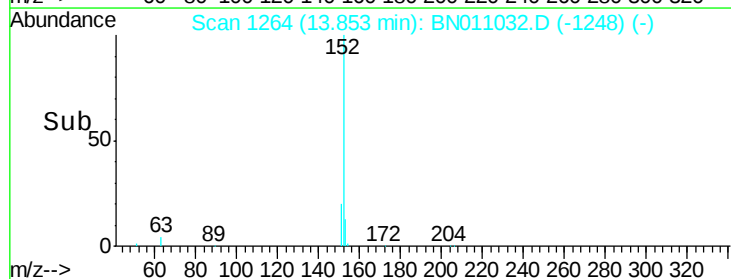
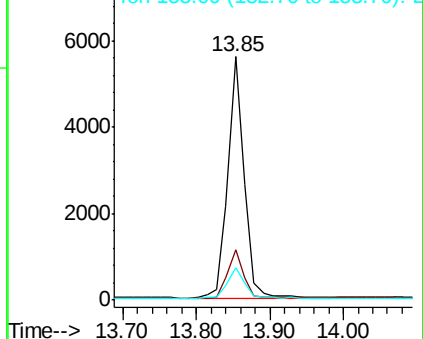


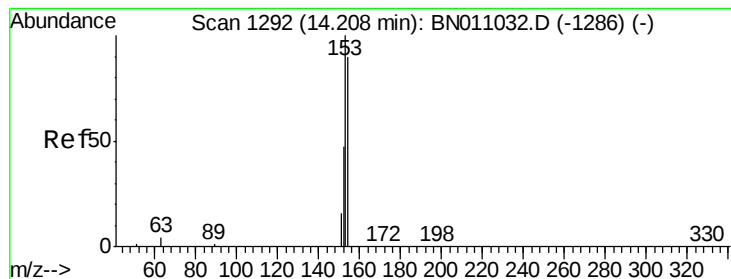
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.496 ng

RT: 14.21 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

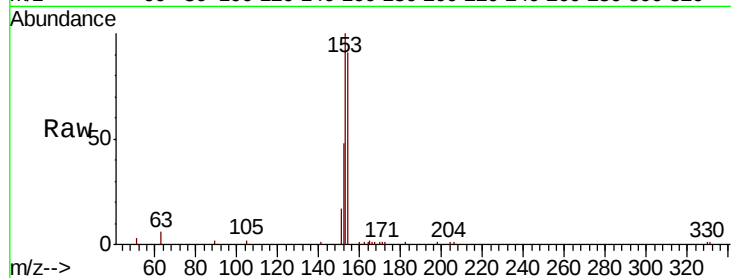
Tot Ion:154 Resp: 5914

Ion Ratio Lower Upper

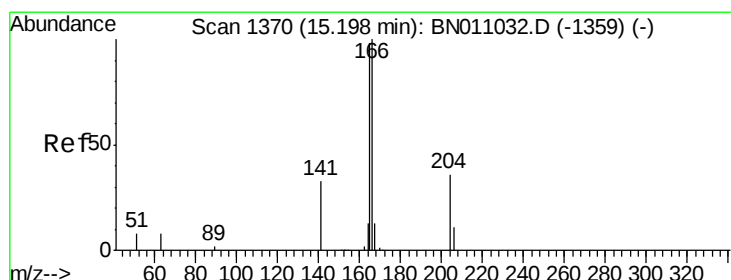
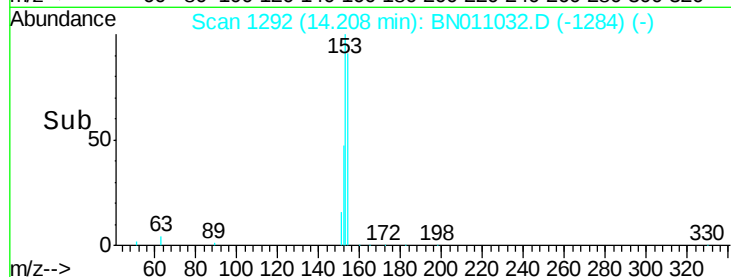
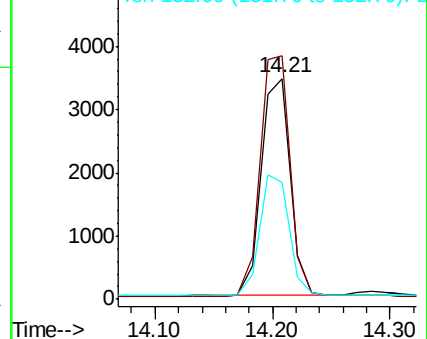
154 100

153 115.4 92.3 138.5

152 56.9 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: 0.488 ng

RT: 15.20 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

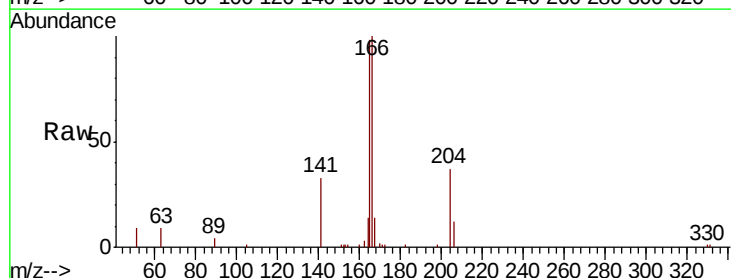
Tgt Ion:166 Resp: 7547

Ion Ratio Lower Upper

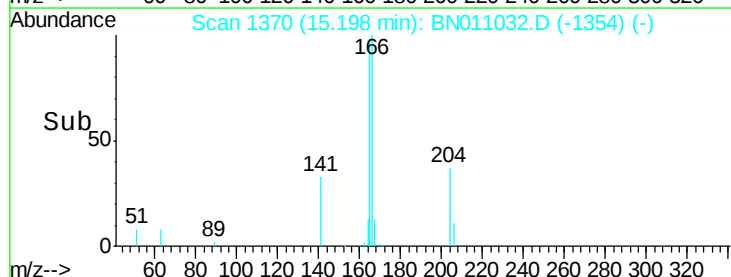
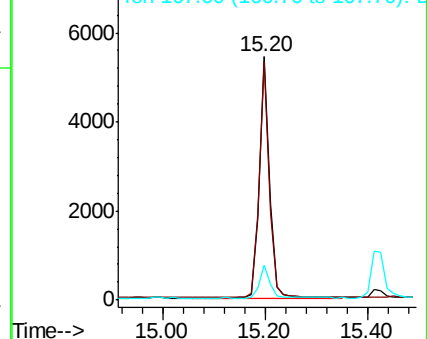
166 100

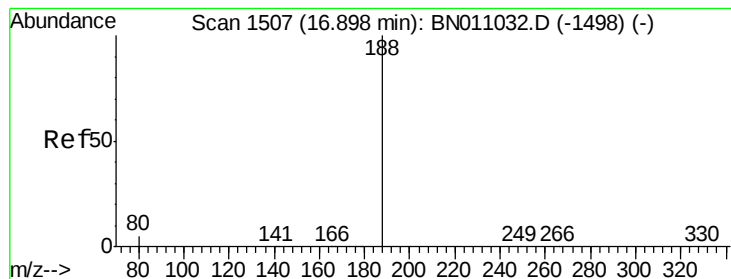
165 97.3 77.8 116.8

167 13.5 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: BN011032.D

Acq: 23 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

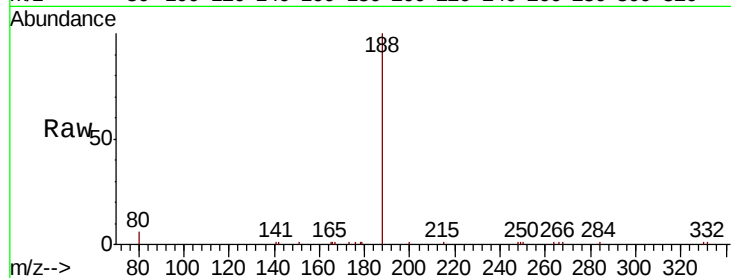
Tot Ion:188 Resp: 8570

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

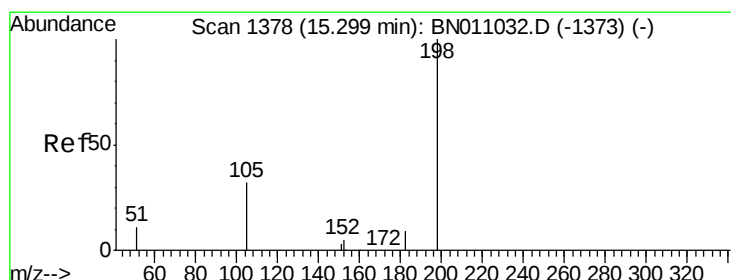
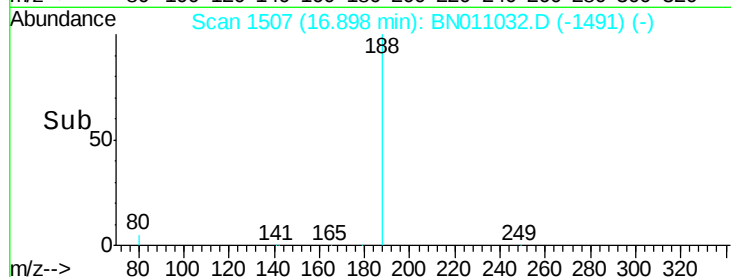
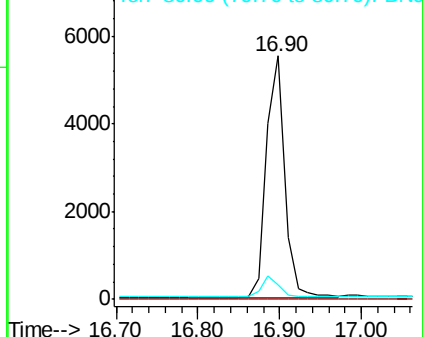
80 5.8 4.6 7.0



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: 0.515 ng

RT: 15.30 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

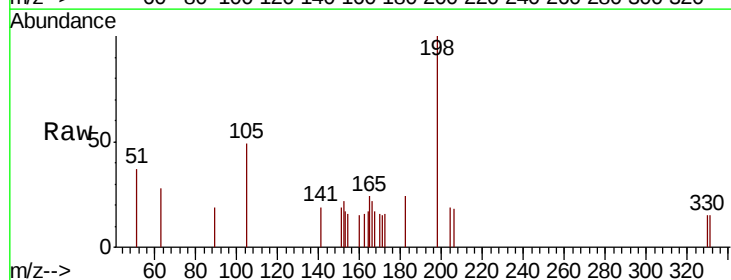
Tgt Ion:198 Resp: 533

Ion Ratio Lower Upper

198 100

51 36.9 29.5 44.3

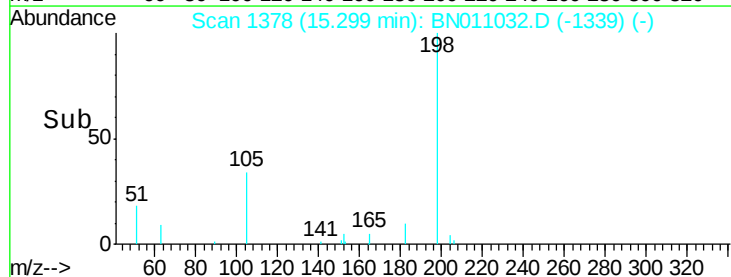
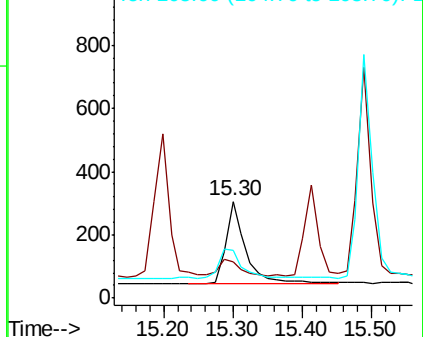
105 49.0 39.2 58.8

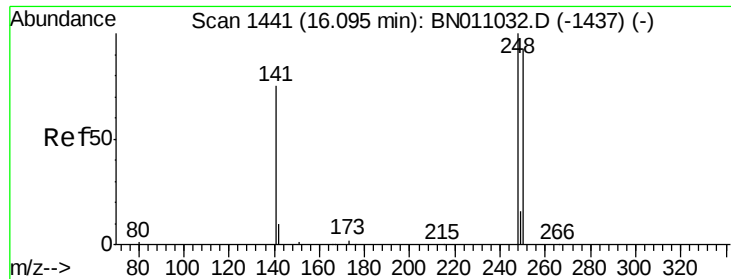


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

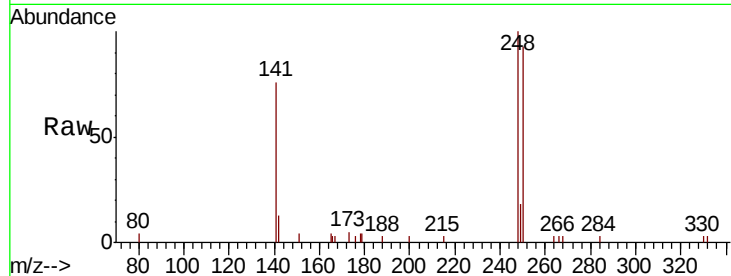




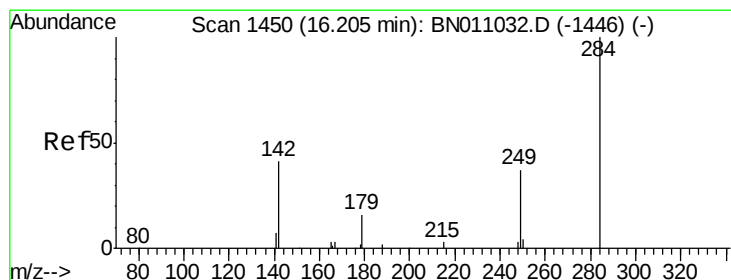
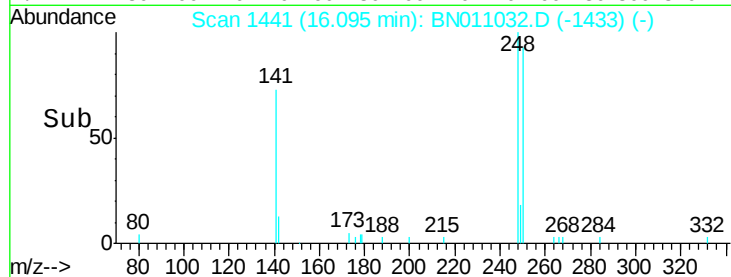
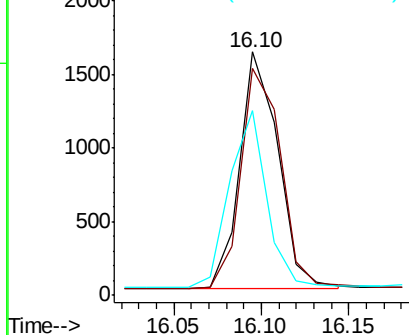
#21
4-Bromophenyl-phenylether
Concen: 0.496 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011032.D
Acq: 23 Jun 2020 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:248 Resp: 2449
Ion Ratio Lower Upper
248 100
250 93.2 74.6 111.8
141 76.1 60.9 91.3

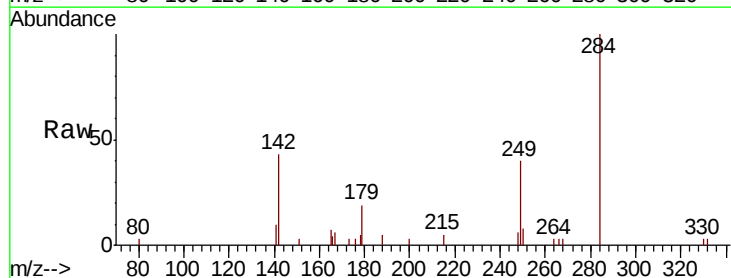


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

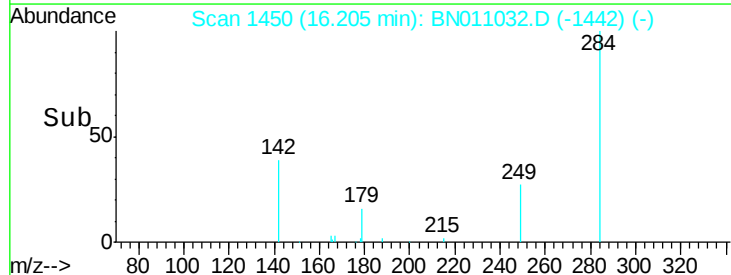
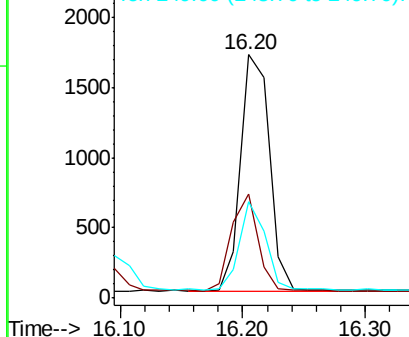


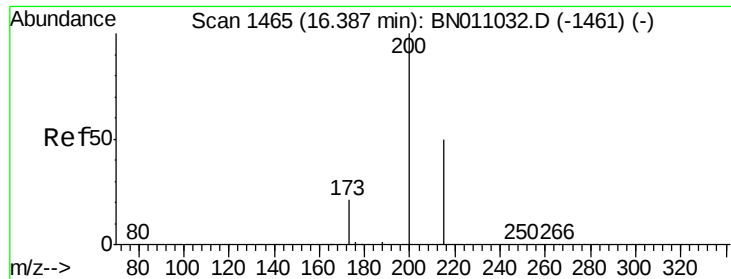
#22
Hexachlorobenzene
Concen: 0.526 ng
RT: 16.20 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BN011032.D
Acq: 23 Jun 2020 15:51

Tgt Ion:284 Resp: 2748
Ion Ratio Lower Upper
284 100
142 38.0 30.4 45.6
249 33.7 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

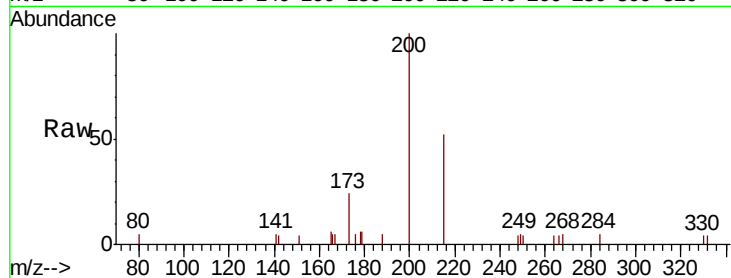




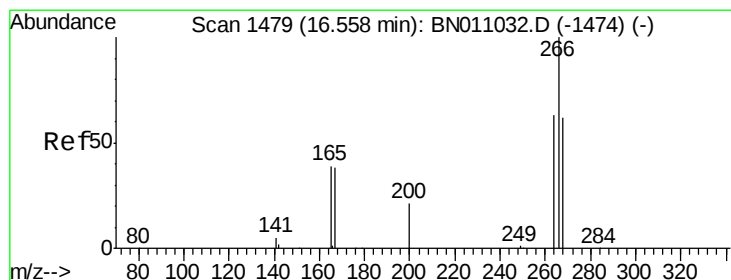
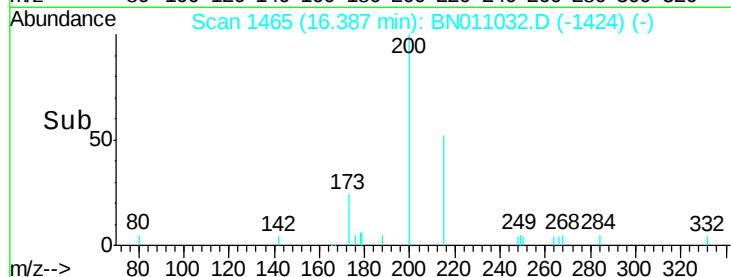
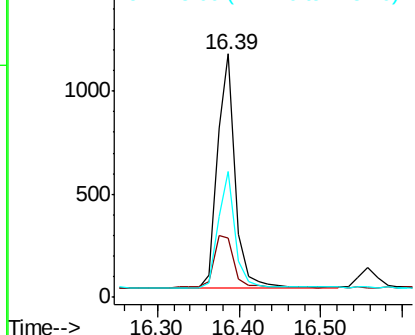
#23
Atrazine
Concen: 0.570 ng
RT: 16.39 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BN011032.D
Acq: 23 Jun 2020 15:51

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	19.4	29.2
215	51.9	41.5	62.3

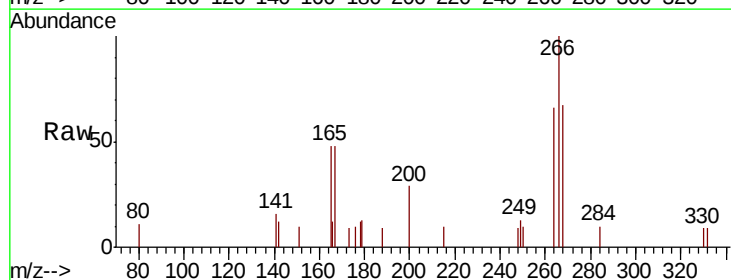


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

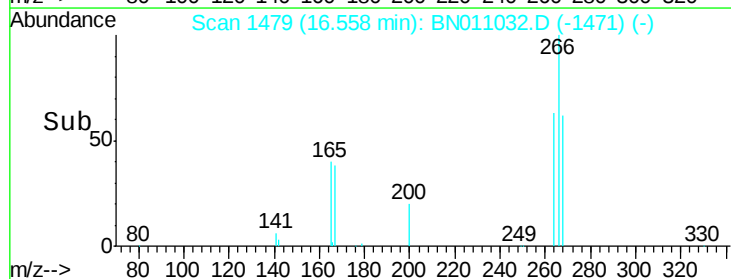
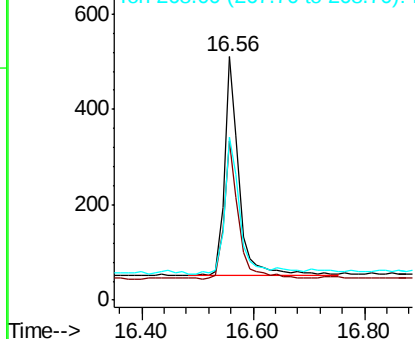


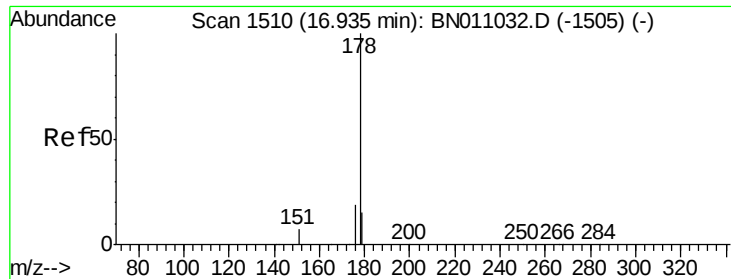
#24
Pentachlorophenol
Concen: 0.476 ng
RT: 16.56 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BN011032.D
Acq: 23 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.8	51.4	77.0
268	67.4	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: 0.513 ng

RT: 16.93 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

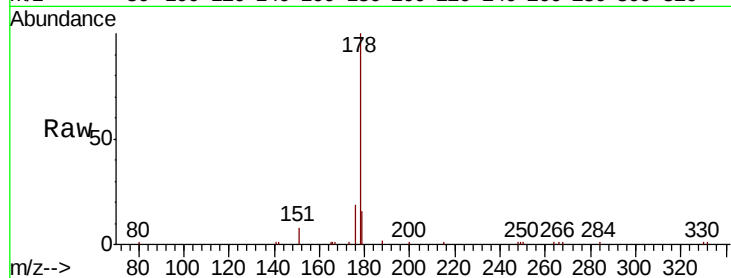
Tot Ion:178 Resp: 11906

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

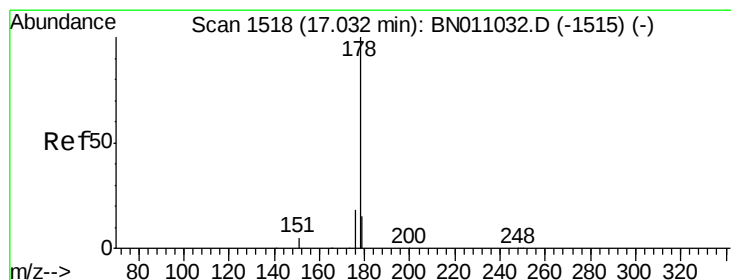
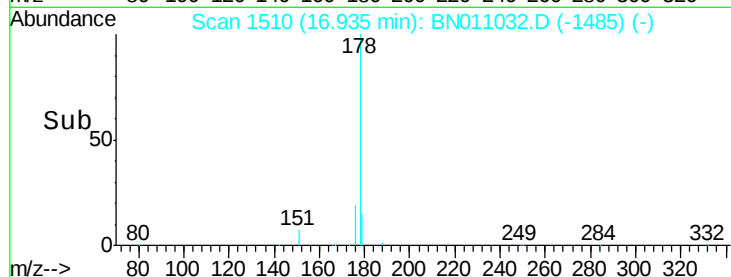
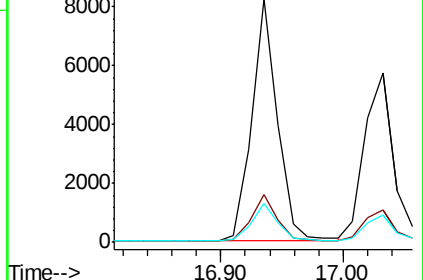
179 15.4 12.3 18.5



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: 0.498 ng

RT: 17.03 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

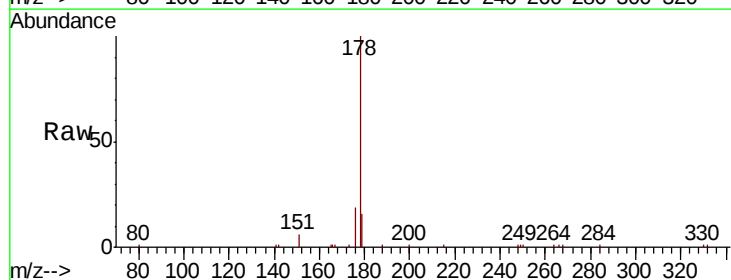
Tgt Ion:178 Resp: 9601

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

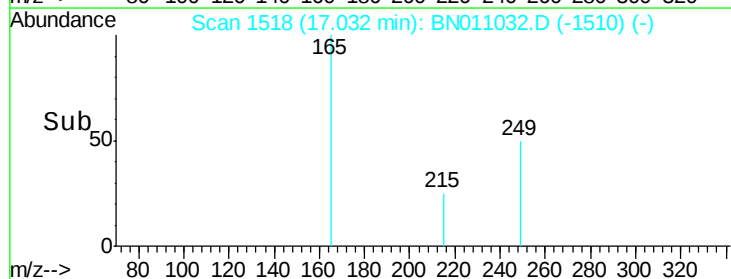
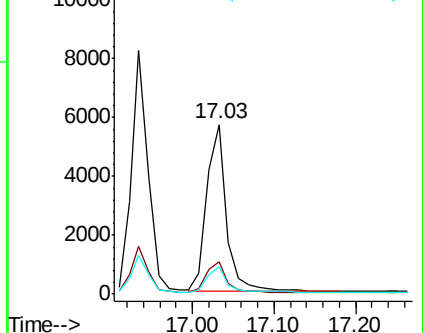
179 15.3 12.2 18.4

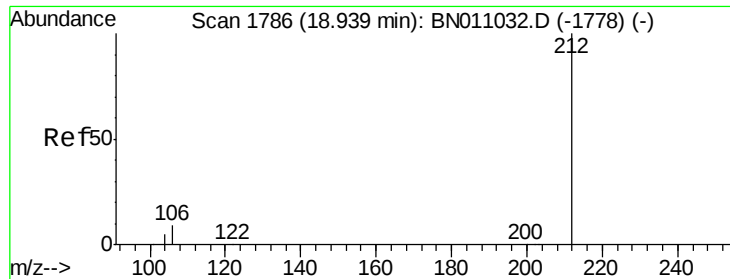


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

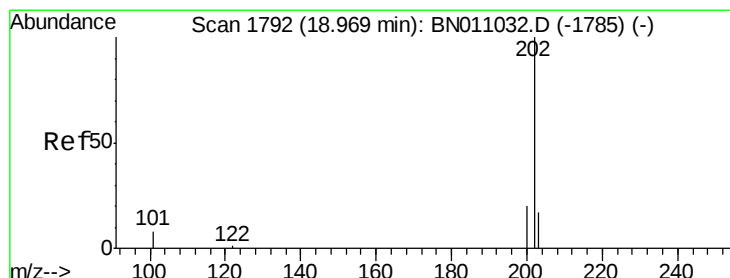
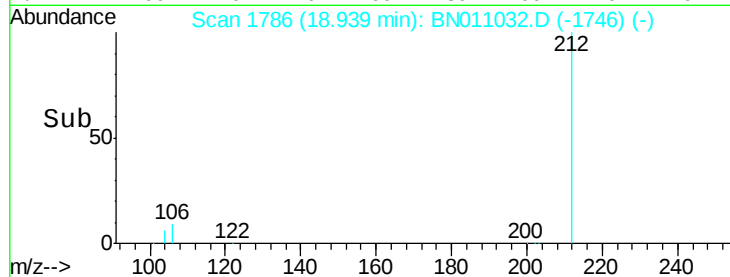
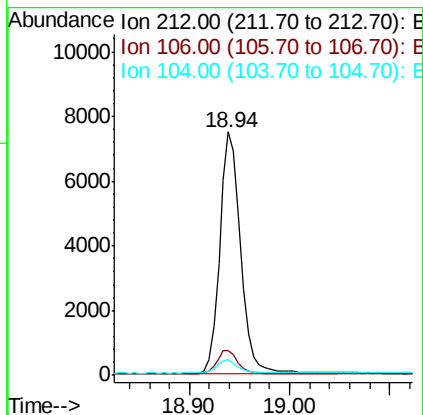
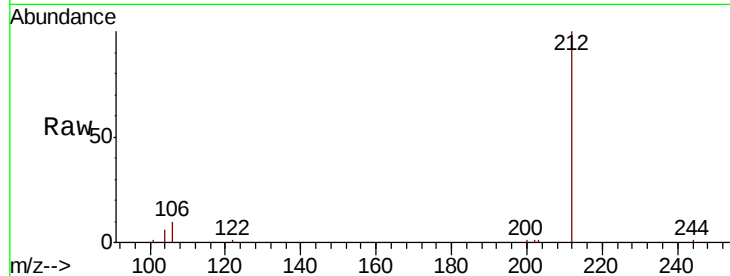




#27
 Fluoranthene-d10
 Concen: 0.482 ng
 RT: 18.94 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BN011032.D
 Acq: 23 Jun 2020 15:51

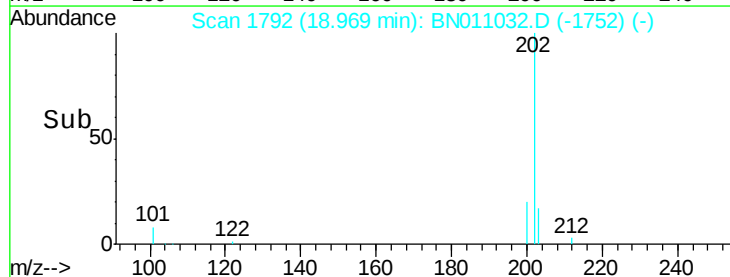
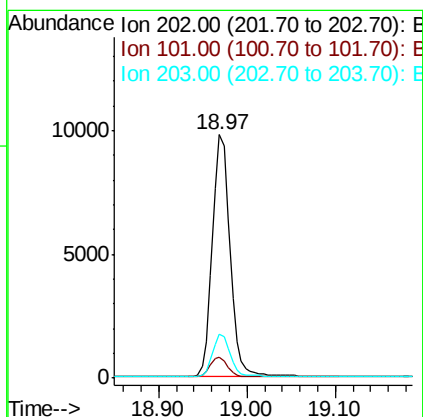
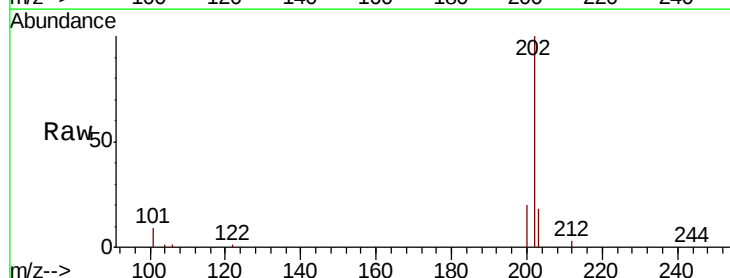
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

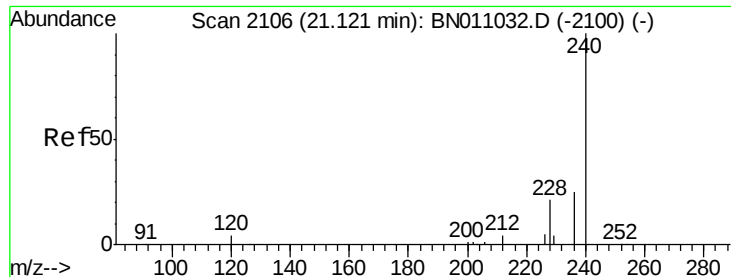
Tot Ion	Ratio	Lower	Upper
212	100		
106	9.6	7.7	11.5
104	5.7	4.6	6.8



#28
 Fluoranthene
 Concen: 0.531 ng
 RT: 18.97 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BN011032.D
 Acq: 23 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.6	10.0
203	17.2	13.8	20.6

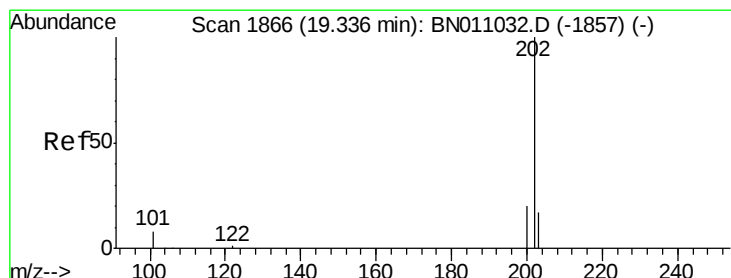
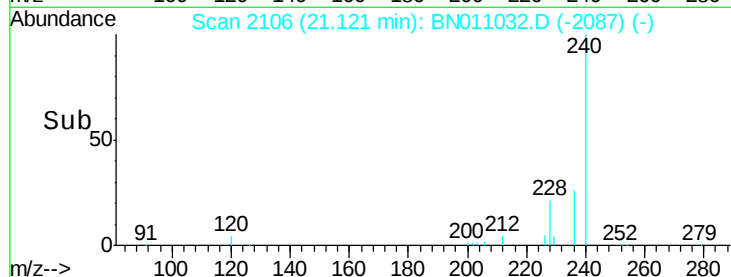
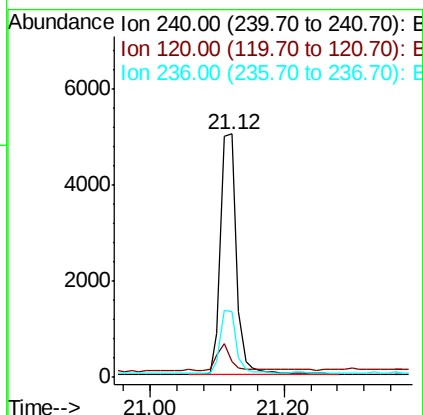
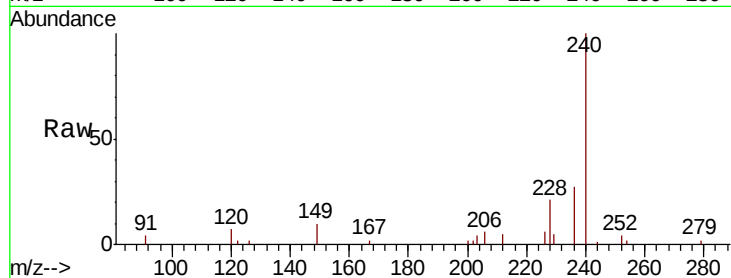




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BN011032.D
Acq: 23 Jun 2020 15:51

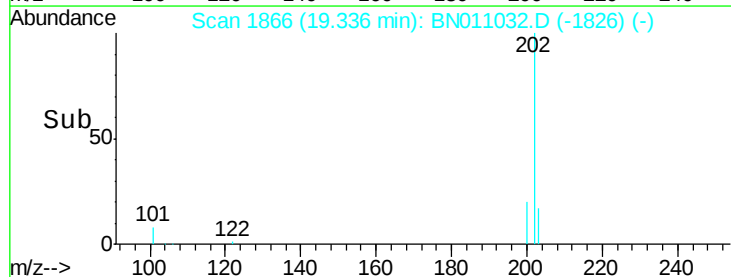
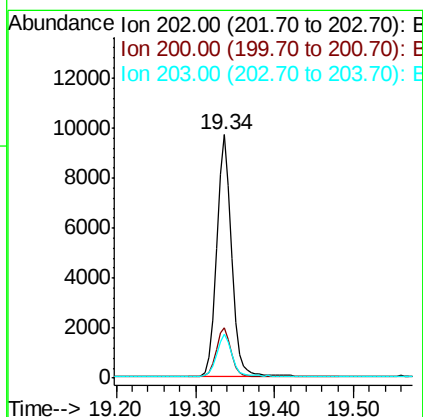
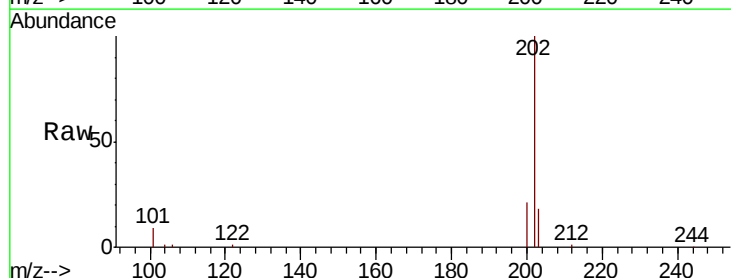
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

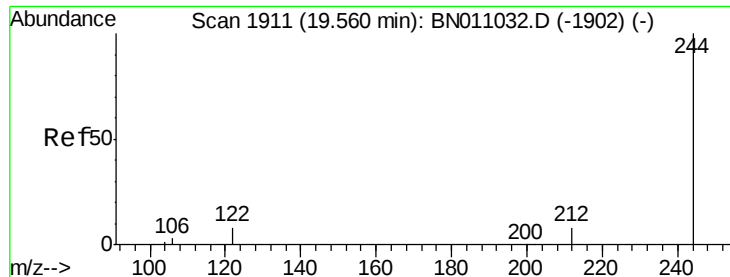
Tot Ion:240 Resp: 8280
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 26.8 21.4 32.2



#30
Pyrene
Concen: 0.485 ng
RT: 19.34 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BN011032.D
Acq: 23 Jun 2020 15:51

Tgt Ion:202 Resp: 12902
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.7 14.2 21.2

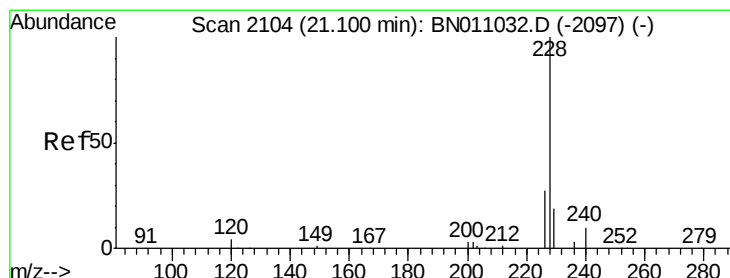
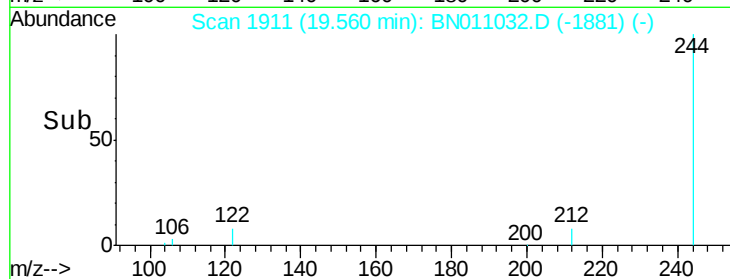
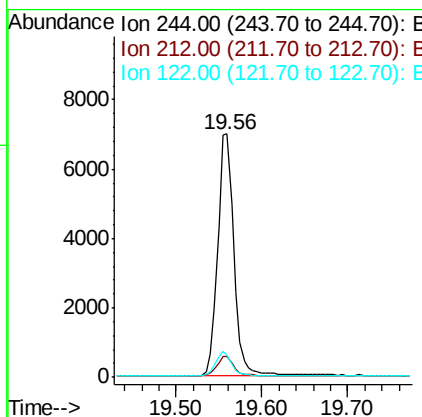
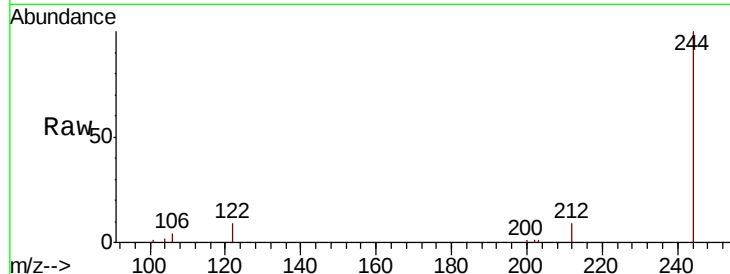




#31
 Terphenyl-d14
 Concen: 0.487 ng
 RT: 19.56 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BN011032.D
 Acq: 23 Jun 2020 15:51

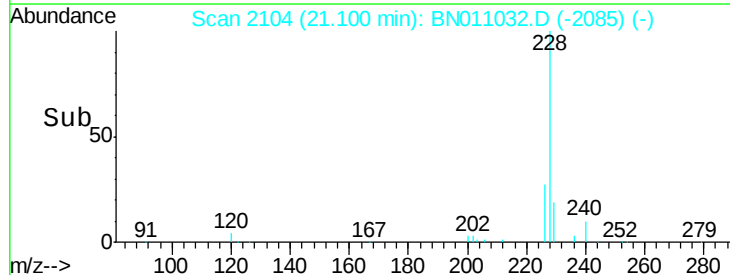
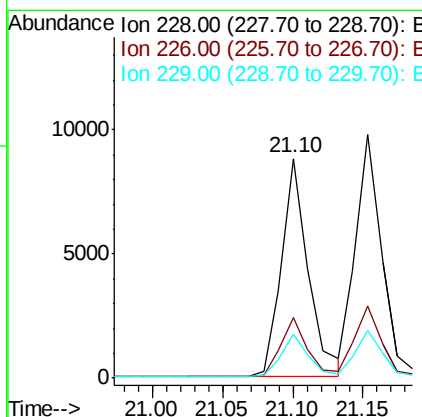
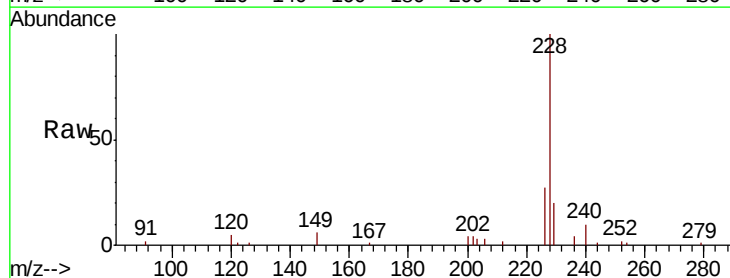
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

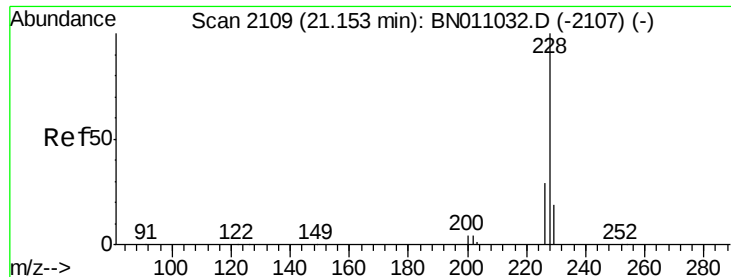
Tot Ion:244 Resp: 9176
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.9 10.3
 122 9.2 7.4 11.0



#32
 Benzo(a)anthracene
 Concen: 0.494 ng
 RT: 21.10 min Scan# 2104
 Delta R.T. 0.00 min
 Lab File: BN011032.D
 Acq: 23 Jun 2020 15:51

Tgt Ion:228 Resp: 11813
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.0 33.0
 229 19.9 15.9 23.9





#33

Chrysene

Concen: 0.461 ng

RT: 21.15 min Scan# 2109

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

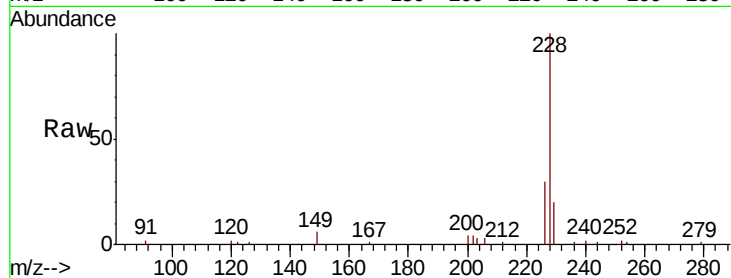
Tot Ion:228 Resp: 12624

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

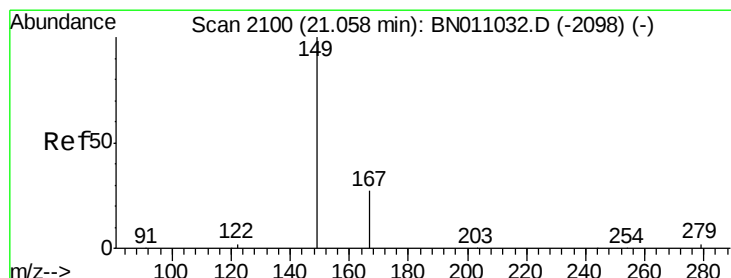
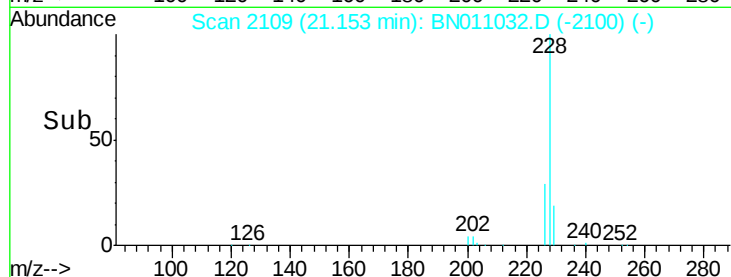
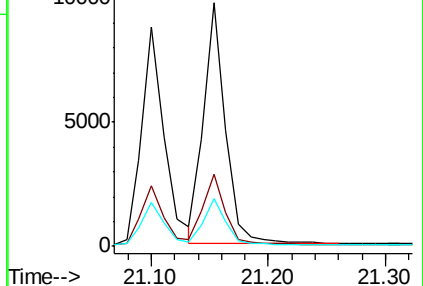
229 19.7 15.8 23.6



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: 0.553 ng

RT: 21.06 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

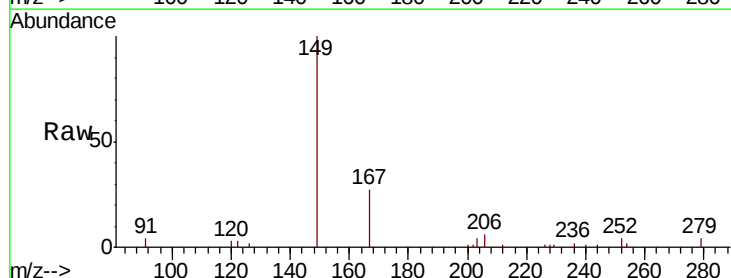
Tgt Ion:149 Resp: 4703

Ion Ratio Lower Upper

149 100

167 28.6 22.2 33.2

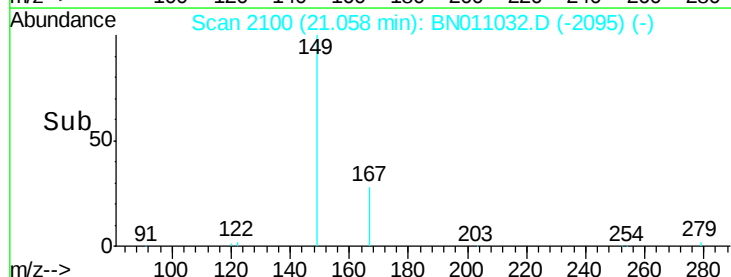
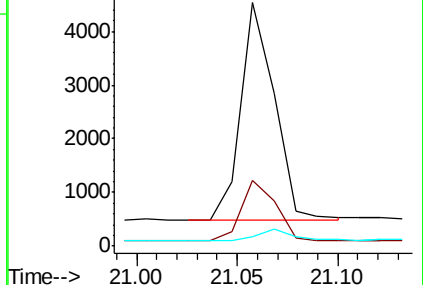
279 4.9 3.9 5.9

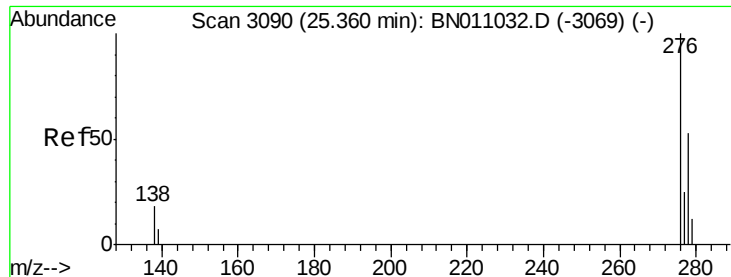


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

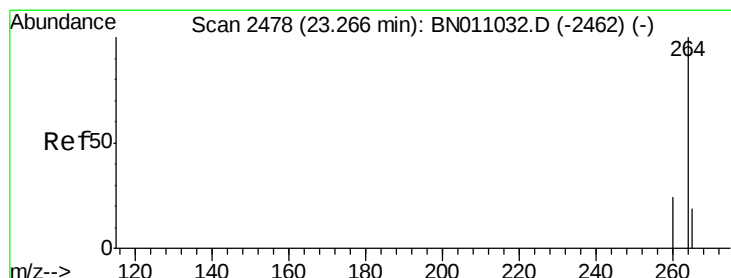
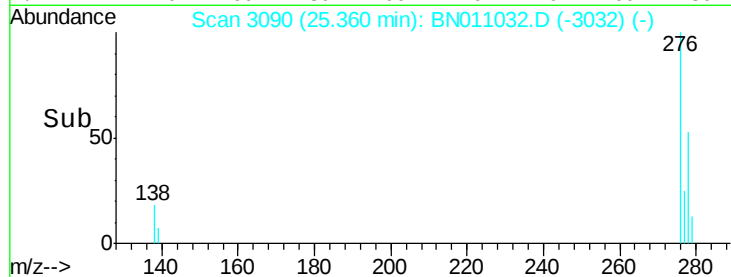
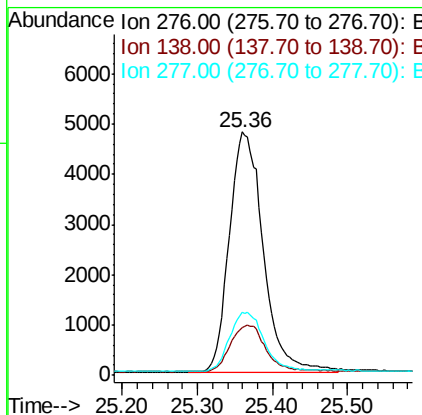
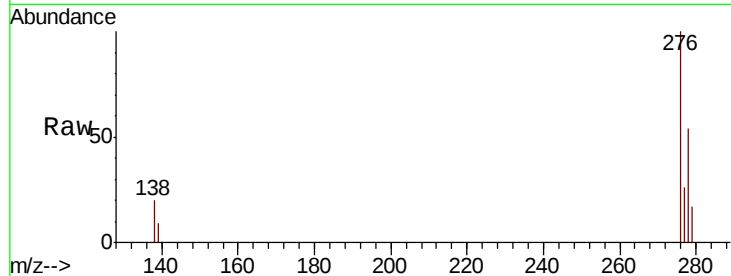




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.488 ng
 RT: 25.36 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BN011032.D
 Acq: 23 Jun 2020 15:51

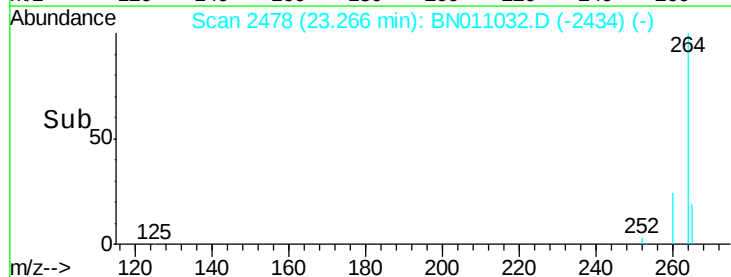
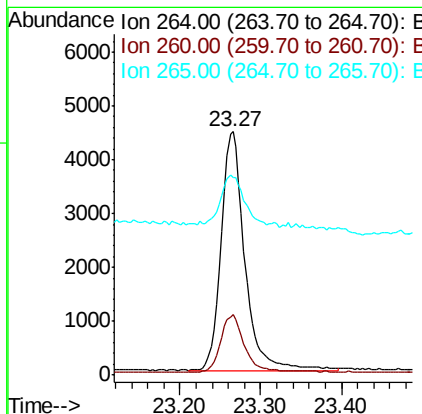
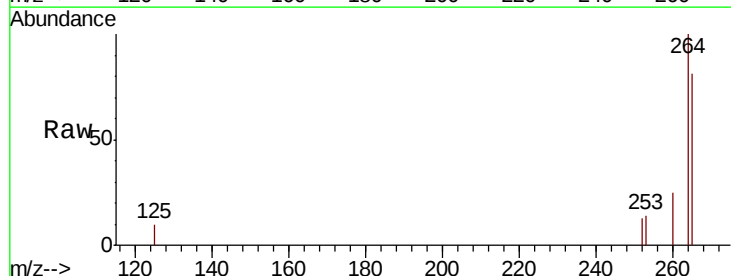
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

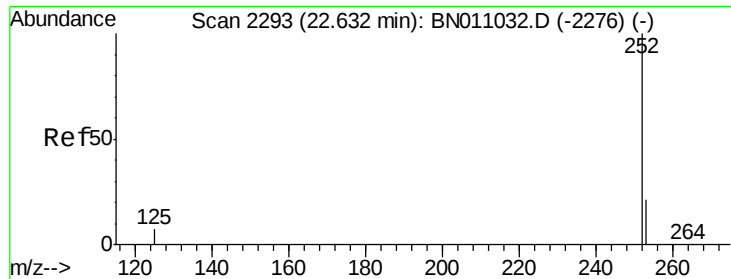
Tot Ion:276 Resp: 14777
 Ion Ratio Lower Upper
 276 100
 138 20.2 16.2 24.2
 277 24.9 19.9 29.9



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.27 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BN011032.D
 Acq: 23 Jun 2020 15:51

Tgt Ion:264 Resp: 9039
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 81.1 64.9 97.3





#37

Benzo(b)fluoranthene

Concen: 0.419 ng

RT: 22.63 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

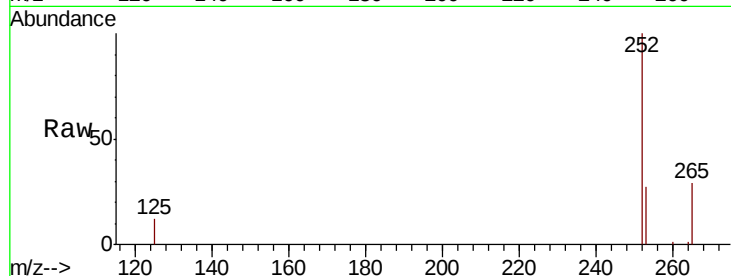
Tot Ion:252 Resp: 12651

Ion Ratio Lower Upper

252 100

253 26.7 21.4 32.0

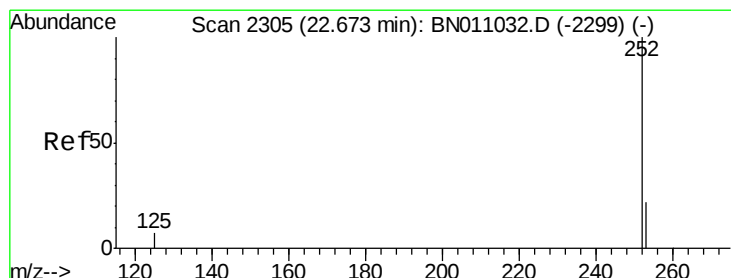
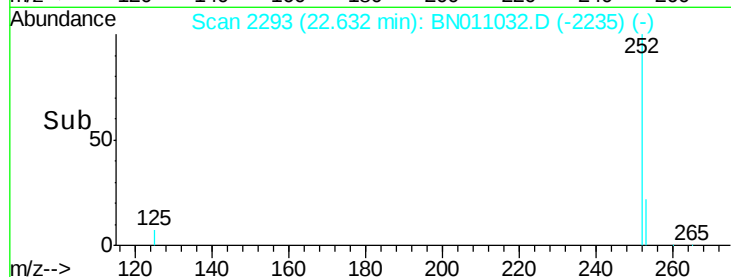
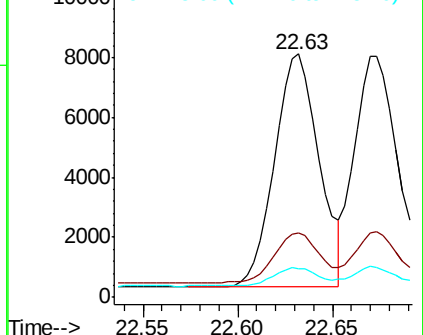
125 11.6 9.3 13.9



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: 0.399 ng

RT: 22.67 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

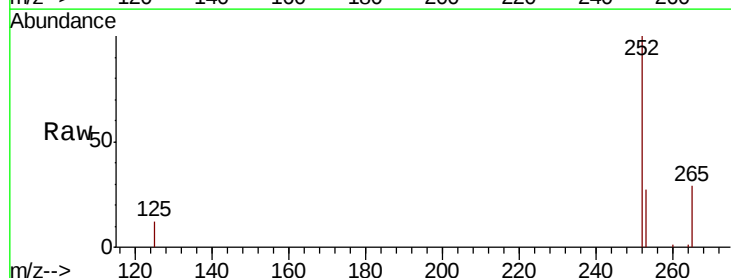
Tgt Ion:252 Resp: 12731

Ion Ratio Lower Upper

252 100

253 27.2 21.8 32.6

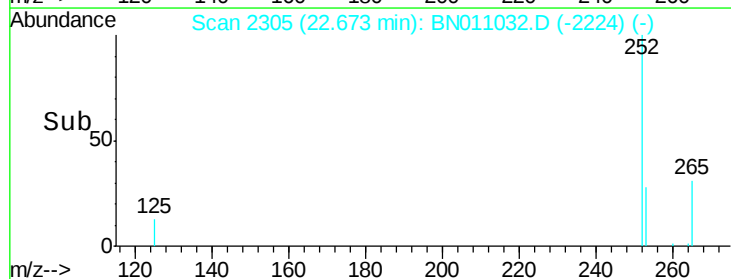
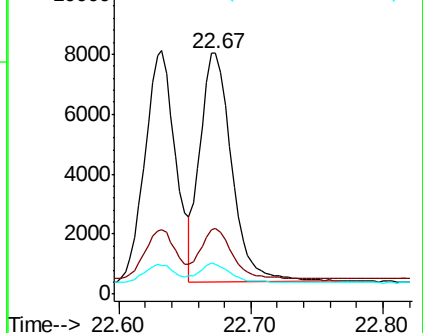
125 12.2 9.8 14.6

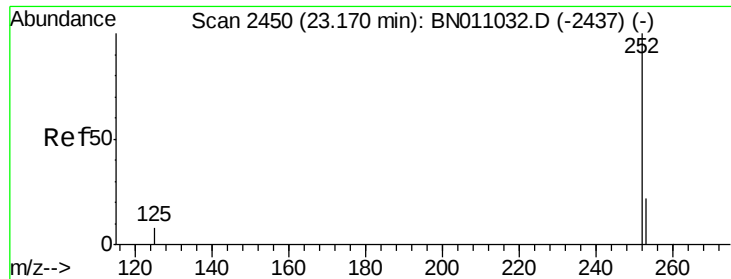


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.492 ng

RT: 23.17 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

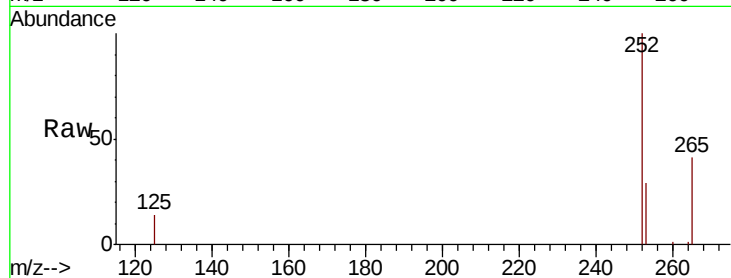
Tot Ion:252 Resp: 12853

Ion Ratio Lower Upper

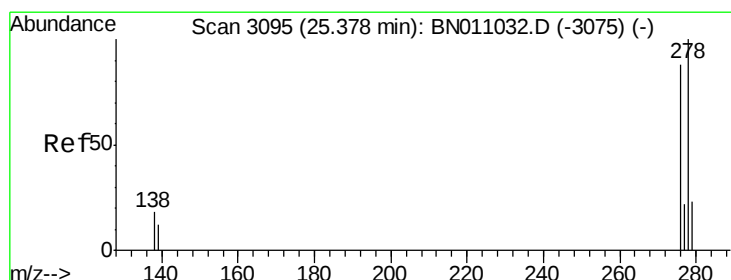
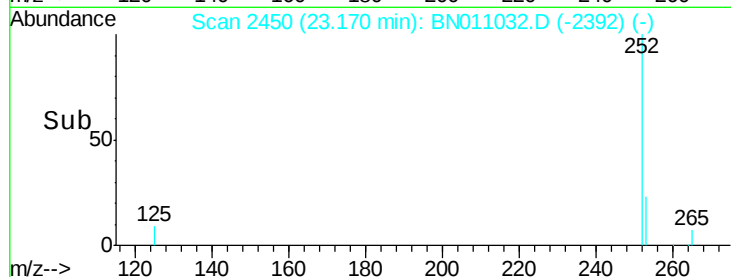
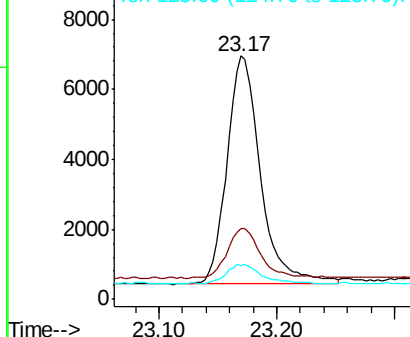
252 100

253 28.9 23.1 34.7

125 14.0 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: 0.417 ng

RT: 25.38 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

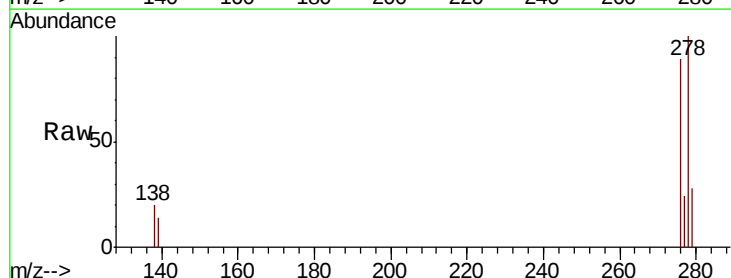
Tgt Ion:278 Resp: 12122

Ion Ratio Lower Upper

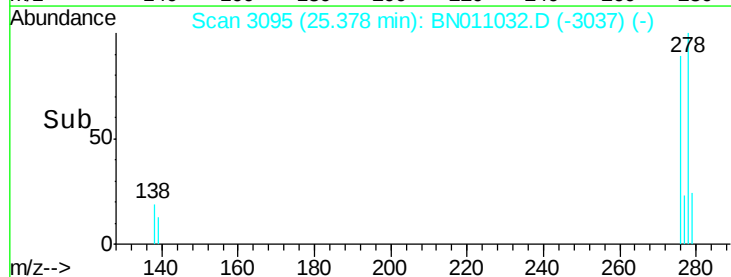
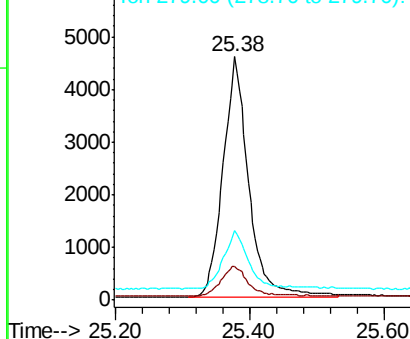
278 100

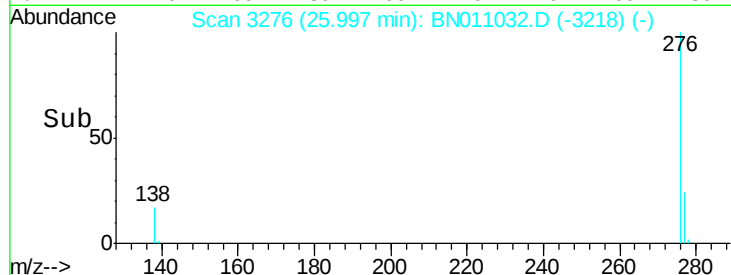
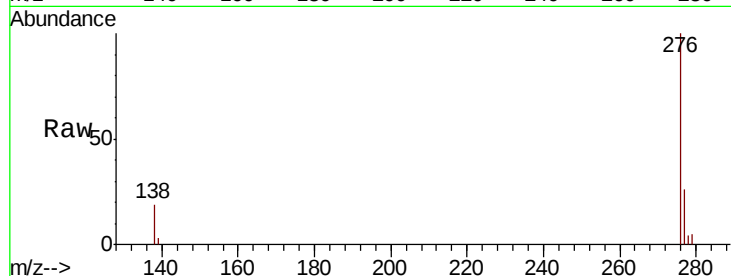
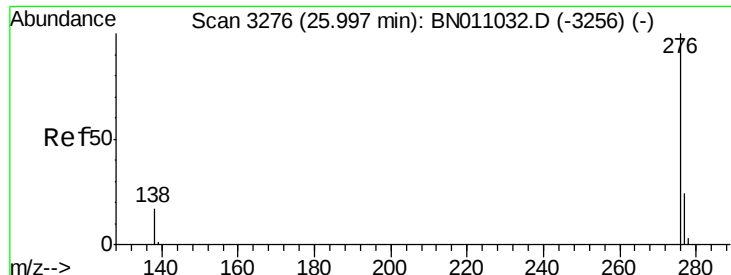
139 14.0 11.2 16.8

279 28.3 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: 0.401 ng

RT: 26.00 min Scan# 3276

Delta R.T. 0.00 min

Lab File: BN011032.D

Acq: 23 Jun 2020 15:51

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion: 276 Resp: 12115

Ion Ratio Lower Upper

276 100

277 25.5 20.4 30.6

138 18.9 15.1 22.7

