

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
 Data File : BN011142.D
 Acq On : 10 Jul 2020 10:46
 Operator : CG/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jul 10 11:24:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 11:21:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1654	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	5387	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	2789	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	5661	0.40	ng	0.00
29) Chrysene-d12	21.10	240	5472	0.40	ng	0.00
36) Perylene-d12	23.24	264	5404	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1703	0.41	ng	0.00
5) Phenol-d6	6.72	99	1894	0.40	ng	0.00
8) Nitrobenzene-d5	8.66	82	1927	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.85	152	3663	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	510	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	5608	0.43	ng	0.00
27) Fluoranthene-d10	18.93	212	7264	0.42	ng	0.00
31) Terphenyl-d14	19.55	244	6015	0.42	ng	0.00

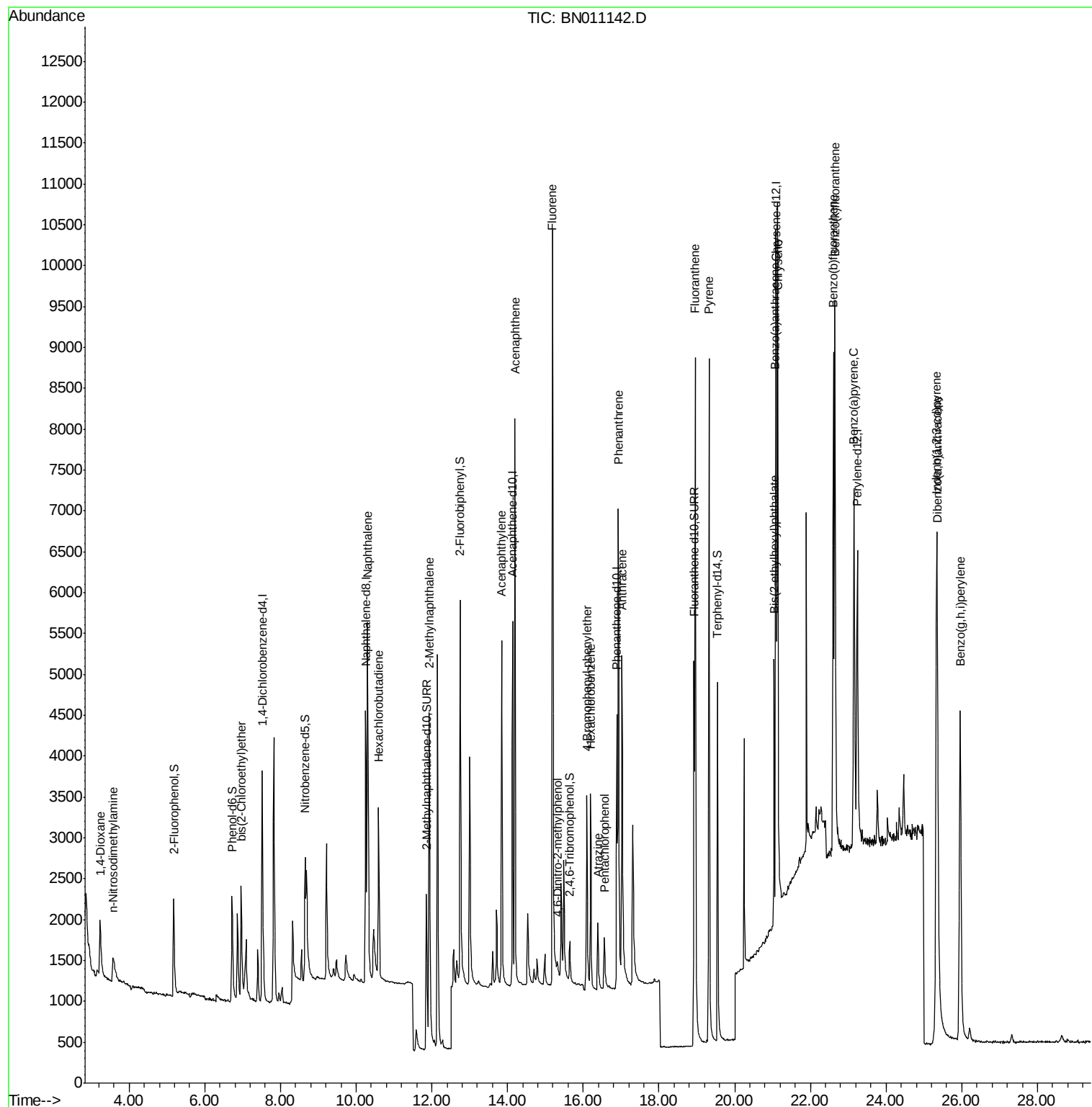
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1015	0.435	ng	98
3) n-Nitrosodimethylamine	3.58	42	451	0.383	ng	100
6) bis(2-Chloroethyl)ether	6.97	93	1575	0.366	ng	100
9) Naphthalene	10.30	128	6362	0.396	ng	100
10) Hexachlorobutadiene	10.60	225	1639	0.402	ng	# 100
12) 2-Methylnaphthalene	11.93	142	4176	0.388	ng	100
16) Acenaphthylene	13.84	152	5533	0.396	ng	100
17) Acenaphthene	14.20	154	3801	0.401	ng	100
18) Fluorene	15.19	166	5534	0.467	ng	100
20) 4,6-Dinitro-2-methylphenol	15.31	198	305	0.504	ng	100
21) 4-Bromophenyl-phenylether	16.10	248	1544	0.410	ng	100
22) Hexachlorobenzene	16.19	284	1816	0.410	ng	100
23) Atrazine	16.39	200	1084	0.408	ng	100
24) Pentachlorophenol	16.56	266	494	0.414	ng	100
25) Phenanthrene	16.92	178	7265	0.396	ng	100
26) Anthracene	17.02	178	5991	0.395	ng	100
28) Fluoranthene	18.96	202	9132	0.443	ng	100
30) Pyrene	19.32	202	9467	0.464	ng	100
32) Benzo(a)anthracene	21.08	228	6882	0.376	ng	100
33) Chrysene	21.13	228	8626	0.411	ng	100
34) Bis(2-ethylhexyl)phthalate	21.04	149	2883	0.390	ng	100
35) Indeno(1,2,3-cd)pyrene	25.33	276	10482	0.478	ng	100
37) Benzo(b)fluoranthene	22.61	252	7857	0.363	ng	100
38) Benzo(k)fluoranthene	22.65	252	9861	0.425	ng	100
39) Benzo(a)pyrene	23.15	252	7924	0.424	ng	100
40) Dibenzo(a,h)anthracene	25.36	278	8526	0.446	ng	100
41) Benzo(g,h,i)perylene	25.96	276	9380	0.445	ng	100

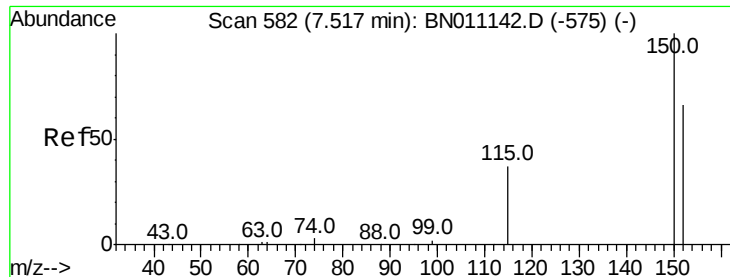
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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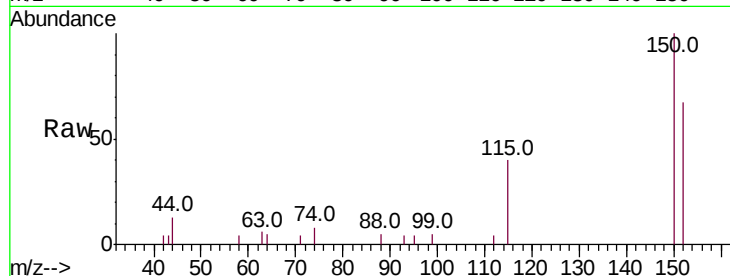


#1

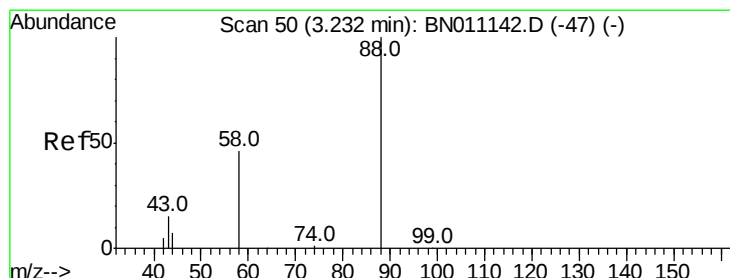
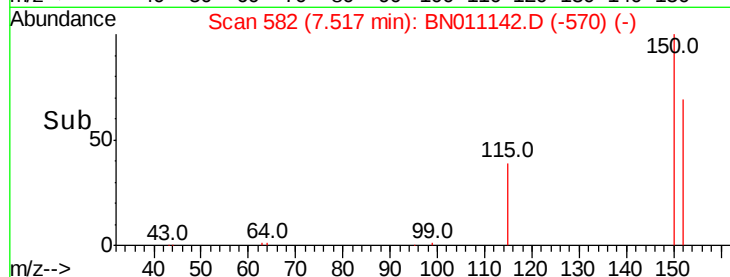
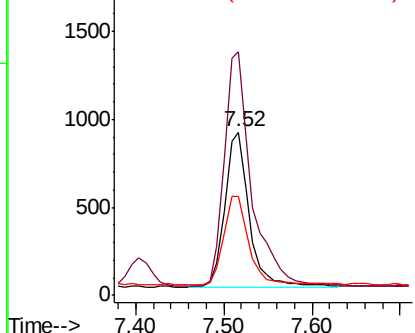
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 1654
Ion Ratio Lower Upper
152 100
150 149.2 119.4 179.0
115 60.4 48.3 72.5



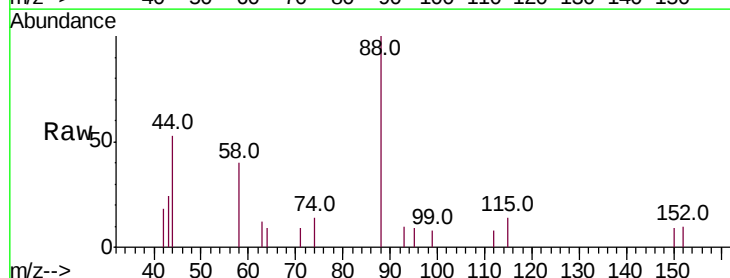
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



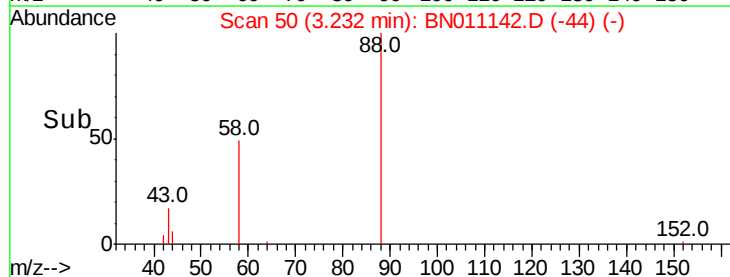
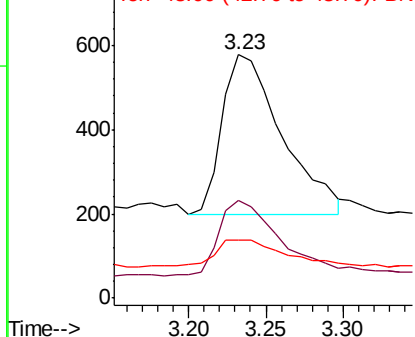
#2

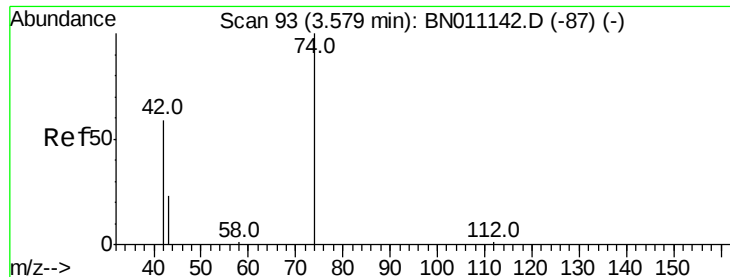
1,4-Dioxane
Concen: 0.435 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion: 88 Resp: 1015
Ion Ratio Lower Upper
88 100
58 46.9 36.5 54.7
43 16.7 14.3 21.5



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



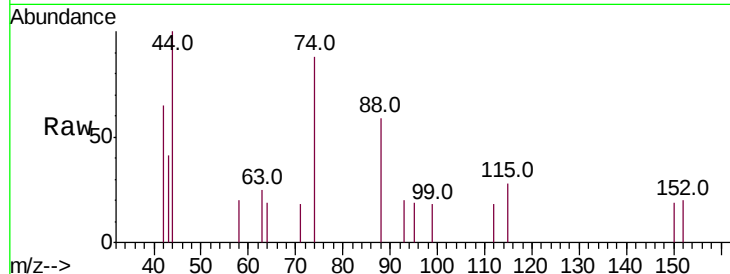


#3

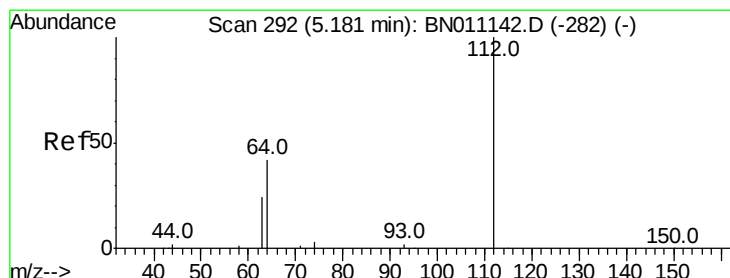
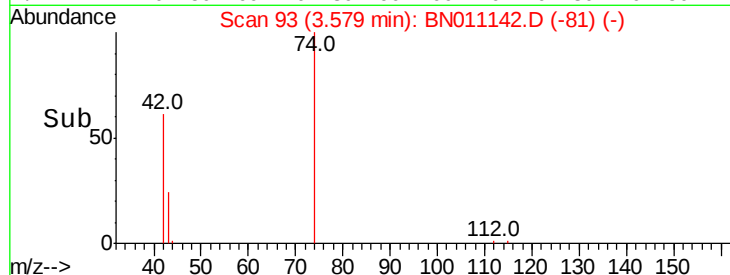
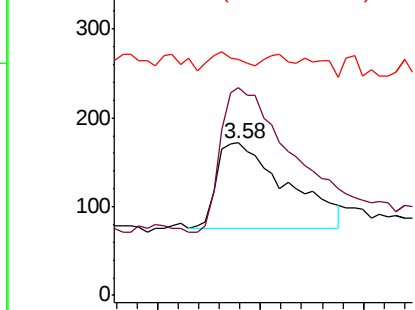
n-Nitrosodimethylamine
 Concen: 0.383 ng
 RT: 3.58 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: BN011142.D
 Acq: 10 Jul 2020 10:46

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Tot Ion: 42 Resp: 451
 Ion Ratio Lower Upper
 42 100
 74 176.1 140.9 211.3
 44 9.5 7.6 11.4



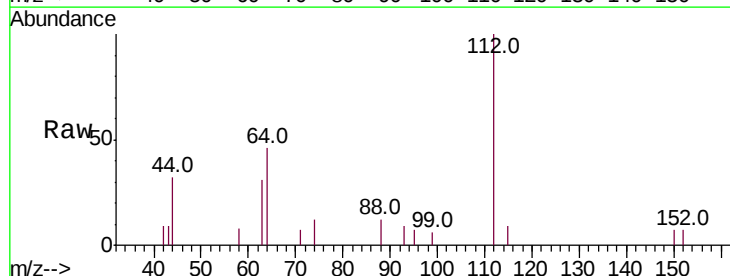
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



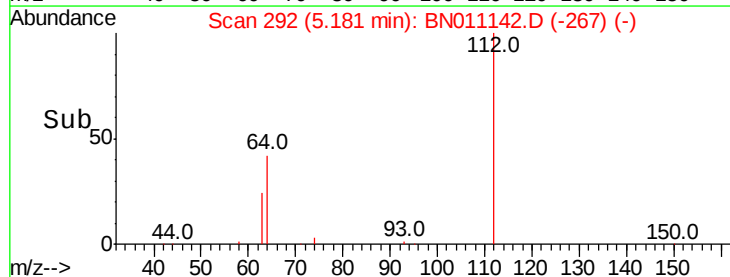
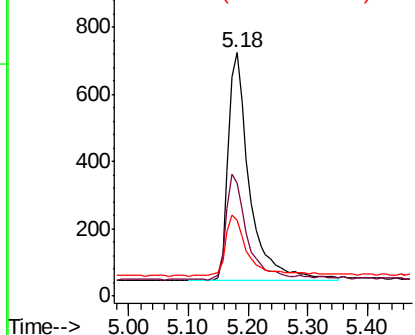
#4

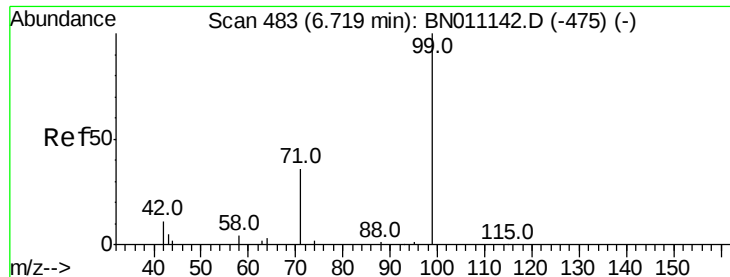
2-Fluorophenol
 Concen: 0.414 ng
 RT: 5.18 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: BN011142.D
 Acq: 10 Jul 2020 10:46

Tgt Ion: 112 Resp: 1703
 Ion Ratio Lower Upper
 112 100
 64 45.9 36.7 55.1
 63 25.5 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: 0.400 ng

RT: 6.72 min Scan# 483

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

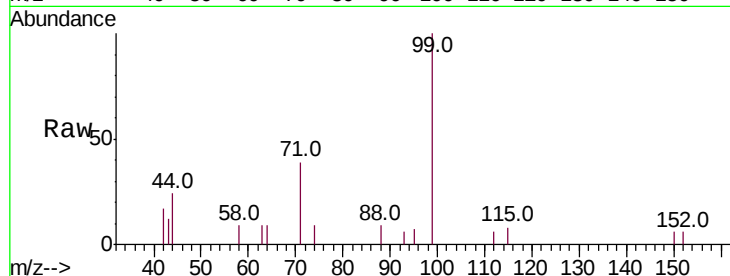
Tot Ion: 99 Resp: 1894

Ion Ratio Lower Upper

99 100

42 13.6 10.8 16.2

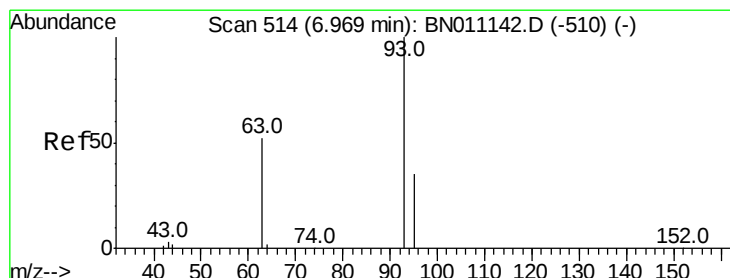
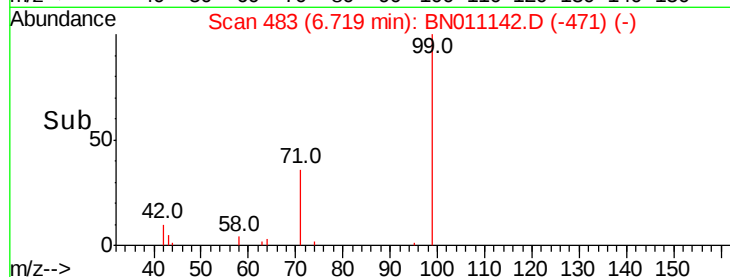
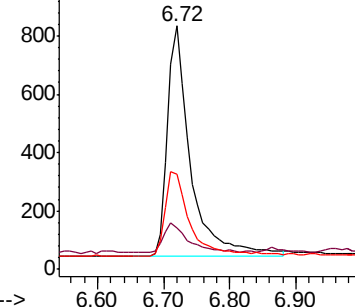
71 39.4 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BN011142.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011142.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011142.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.366 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

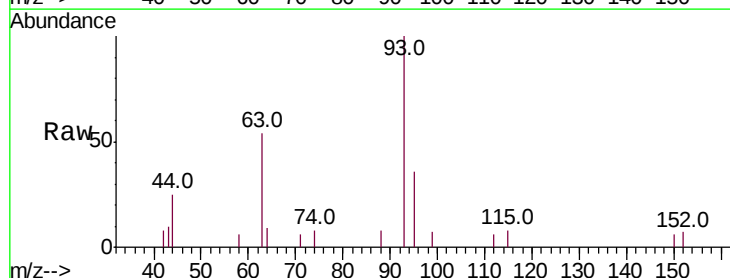
Tgt Ion: 93 Resp: 1575

Ion Ratio Lower Upper

93 100

63 59.2 47.4 71.0

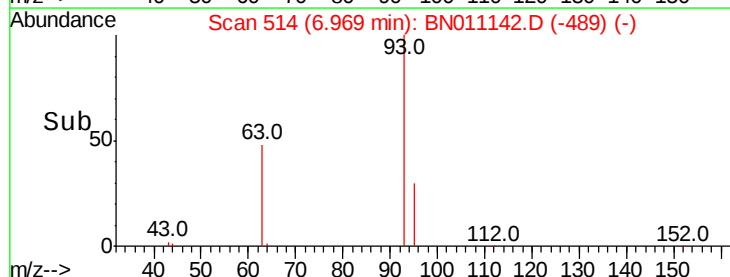
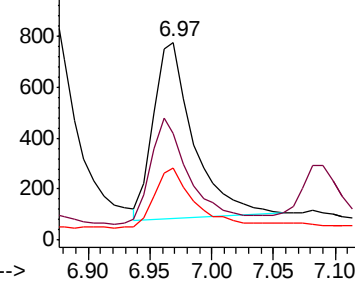
95 35.1 28.1 42.1

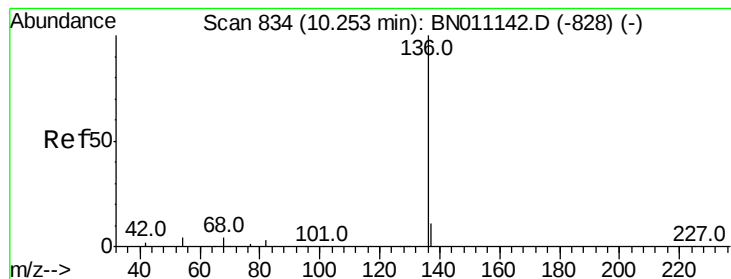


Abundance Ion 93.00 (92.70 to 93.70): BN011142.D (-510) (-)

Ion 63.00 (62.70 to 63.70): BN011142.D (-510) (-)

Ion 95.00 (94.70 to 95.70): BN011142.D (-510) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 5387

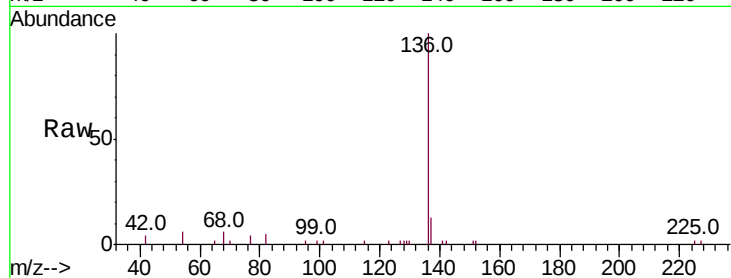
Ion Ratio Lower Upper

136 100

137 12.9 10.3 15.5

54 6.1 4.9 7.3

68 6.1 4.9 7.3

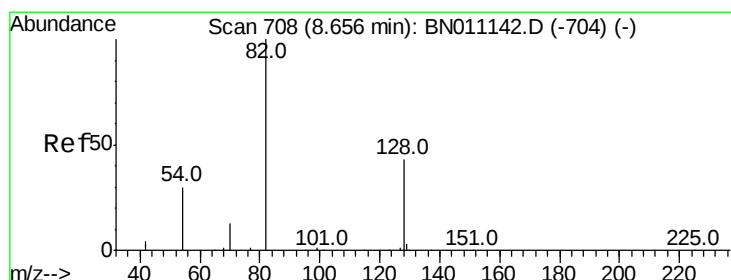
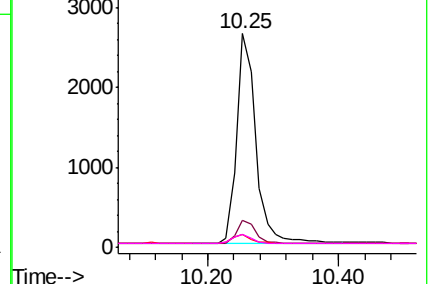
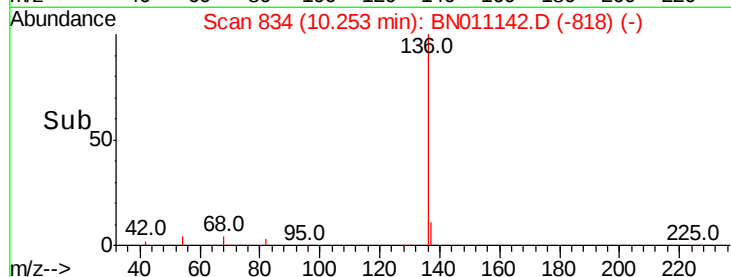


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.421 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

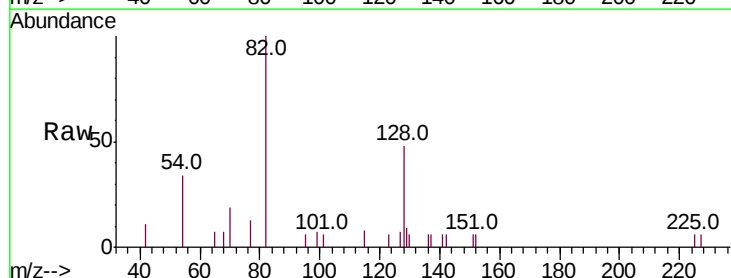
Tgt Ion: 82 Resp: 1927

Ion Ratio Lower Upper

82 100

128 47.6 38.1 57.1

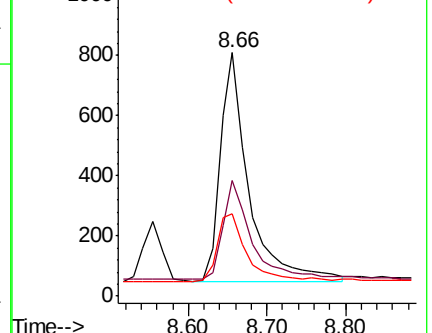
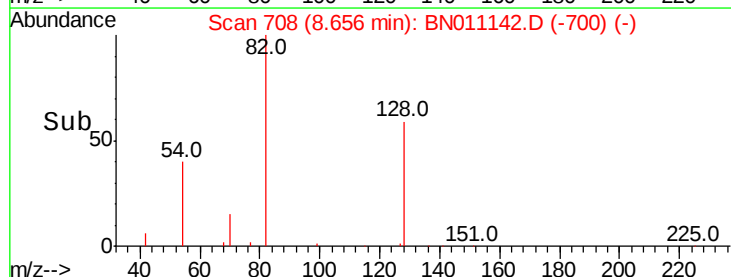
54 33.9 27.1 40.7

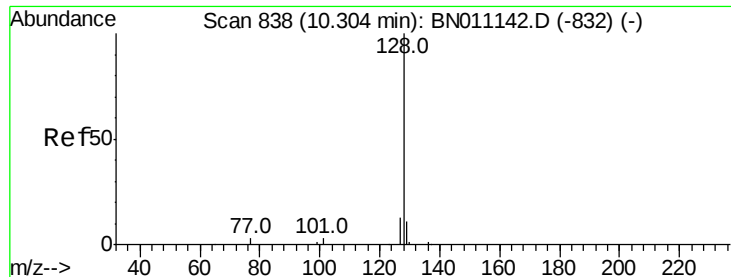


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.396 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

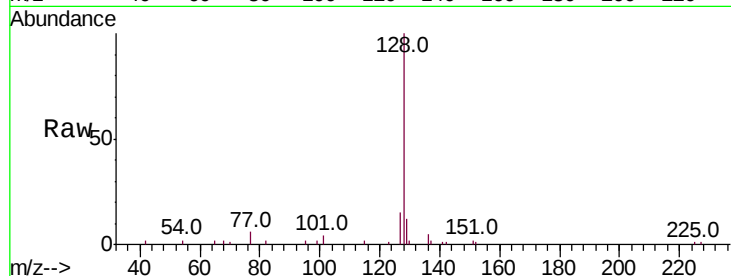
Tot Ion:128 Resp: 6362

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.6

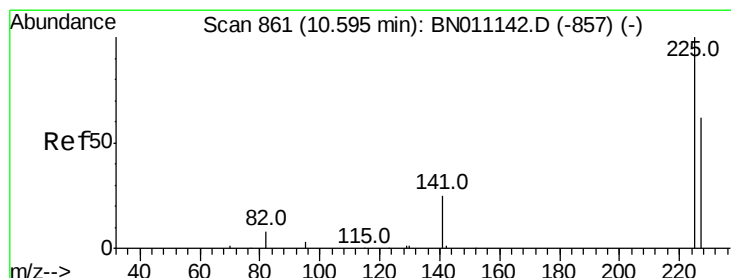
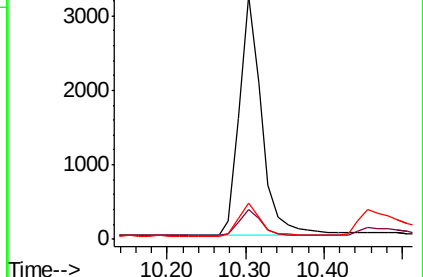
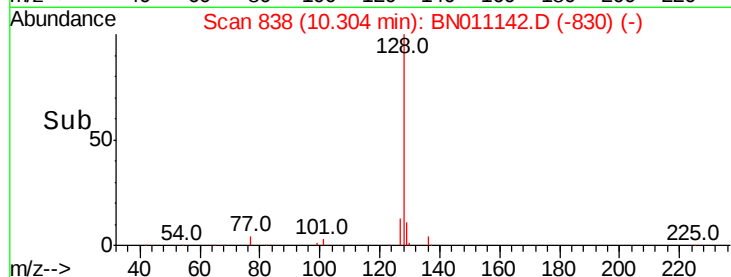
127 14.7 11.8 17.6



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: 0.402 ng

RT: 10.60 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

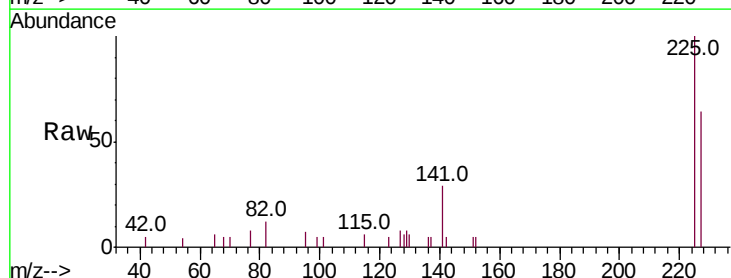
Tgt Ion:225 Resp: 1639

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

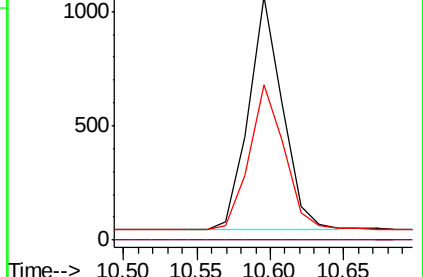
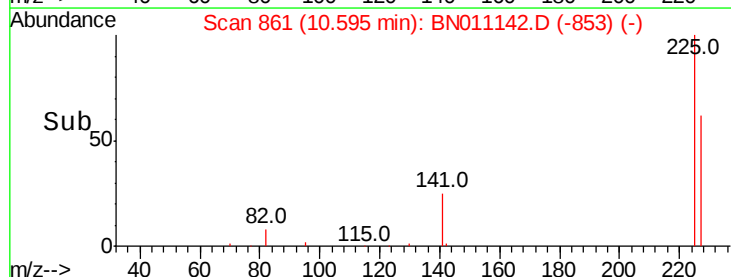
227 64.0 51.2 76.8

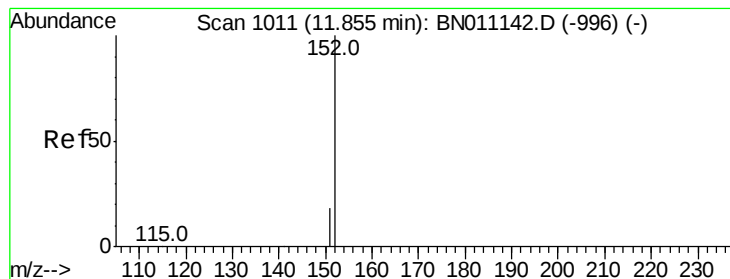


Abundance Ion 225.00 (224.70 to 225.70): E

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: 11.85 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

Instrument :

BNA_N

ClientSampleId :

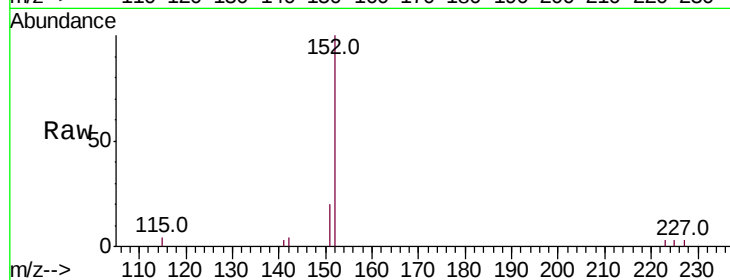
SSTDICCC0.4

Tot Ion:152 Resp: 3663

Ion Ratio Lower Upper

152 100

151 20.6 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.85

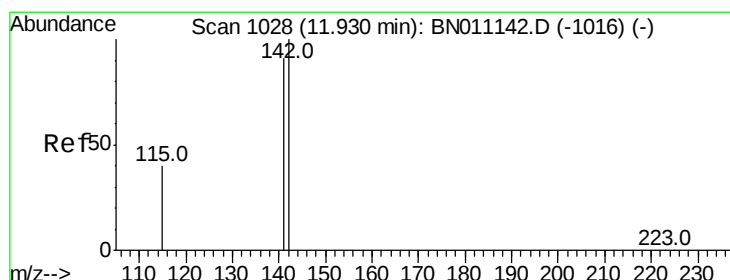
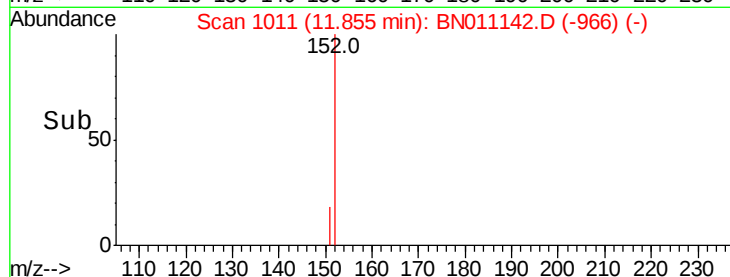
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.388 ng

RT: 11.93 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

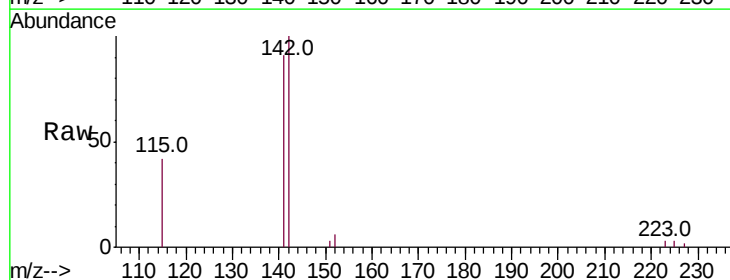
Tgt Ion:142 Resp: 4176

Ion Ratio Lower Upper

142 100

141 90.9 72.7 109.1

115 42.2 33.8 50.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

2500

2000

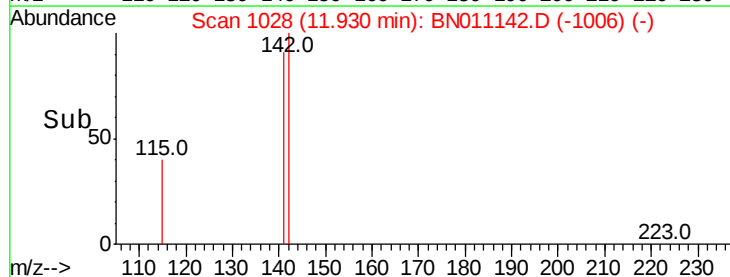
1500

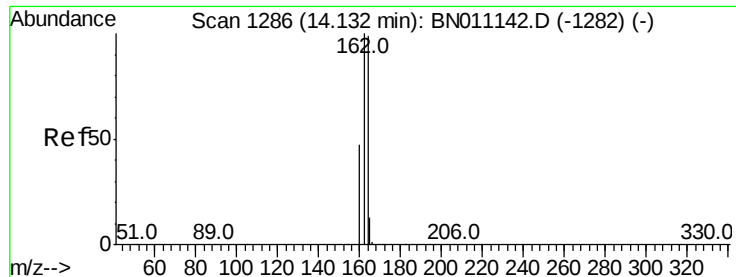
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

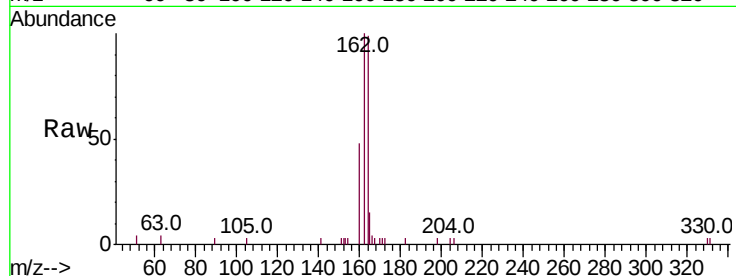
Tot Ion:164 Resp: 2789

Ion Ratio Lower Upper

164 100

162 101.2 81.0 121.4

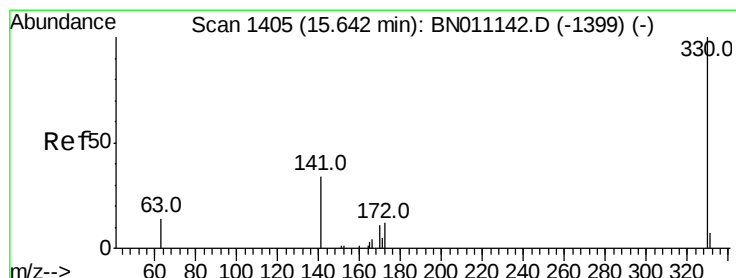
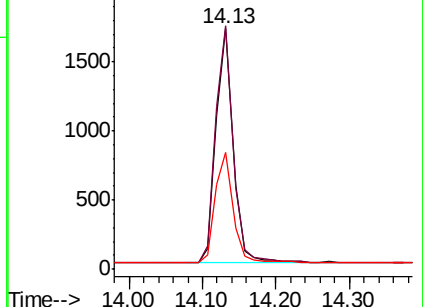
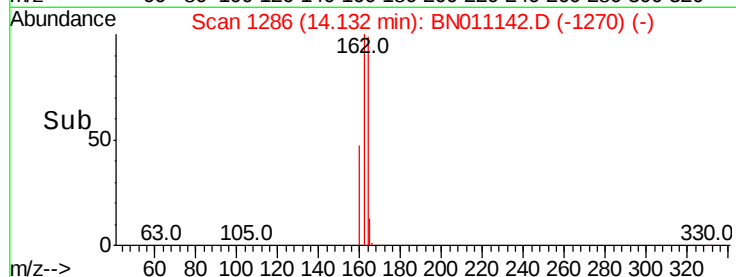
160 48.8 39.0 58.6



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: 0.435 ng

RT: 15.64 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

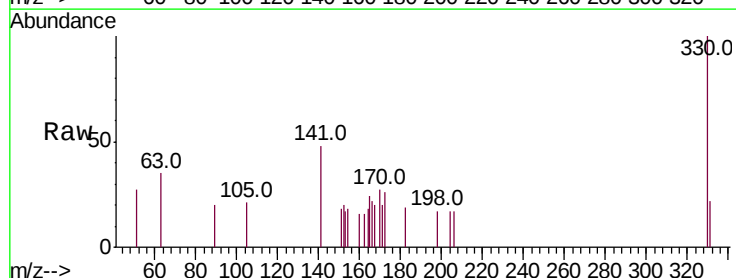
Tgt Ion:330 Resp: 510

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

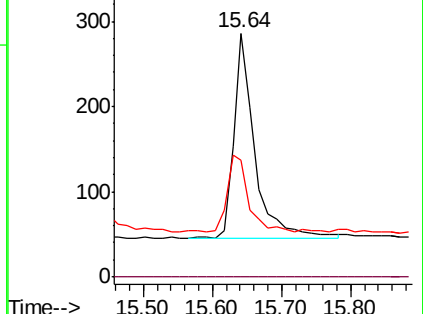
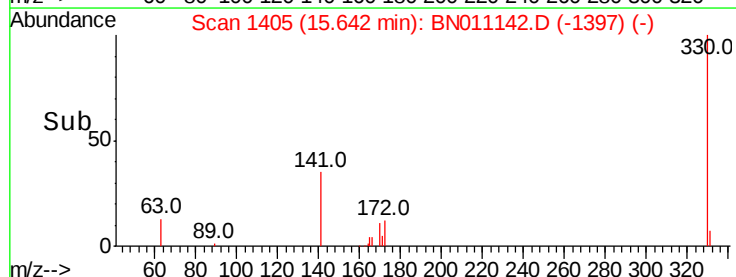
141 39.4 31.5 47.3

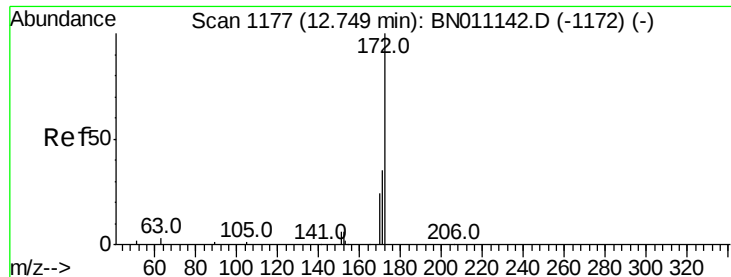


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

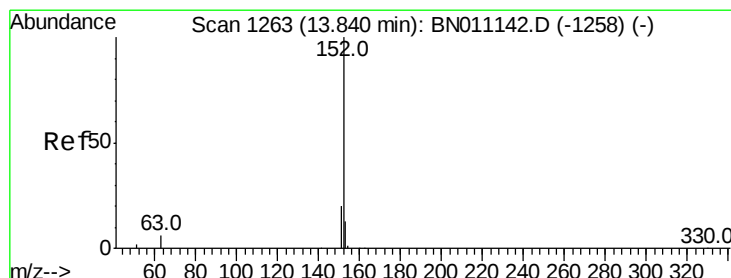
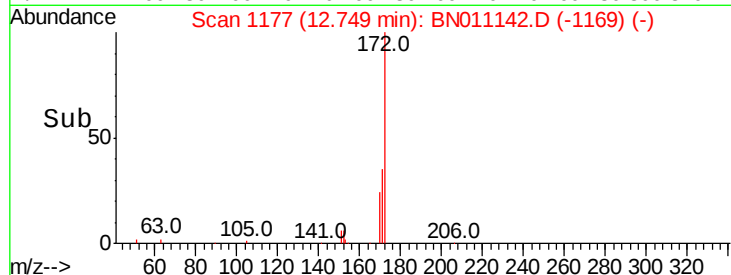
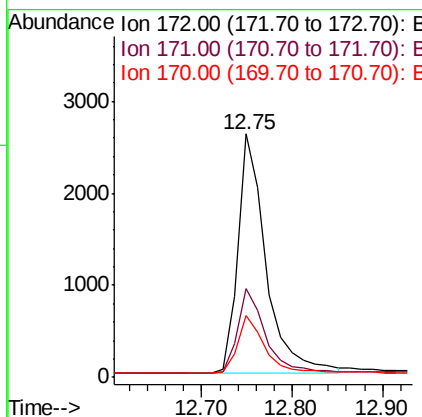
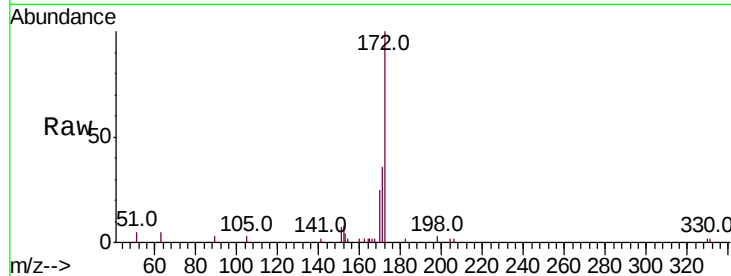




#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 12.75 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

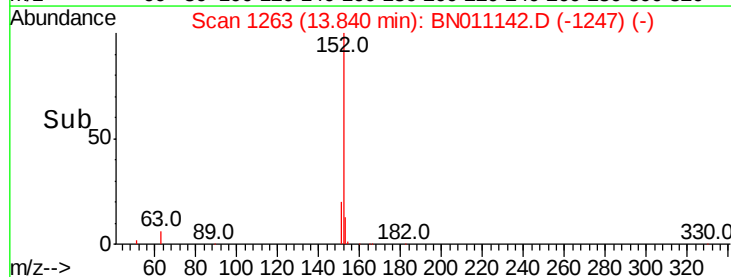
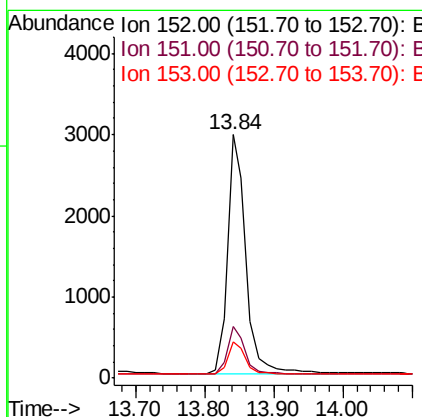
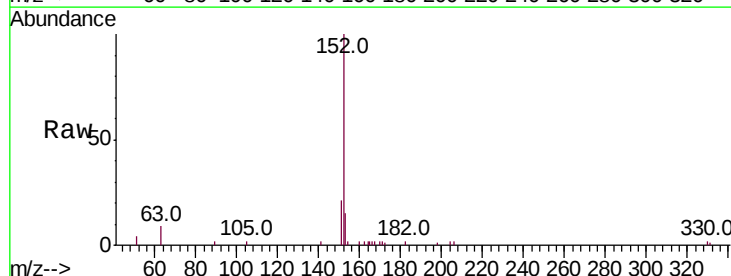
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

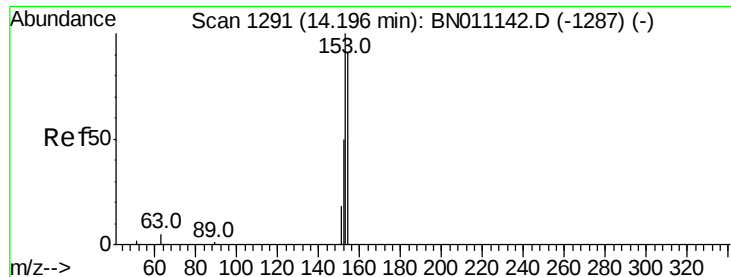
Tot Ion:172 Resp: 5608
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 25.4 20.3 30.5



#16
Acenaphthylene
Concen: 0.396 ng
RT: 13.84 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:152 Resp: 5533
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.2 10.6 15.8

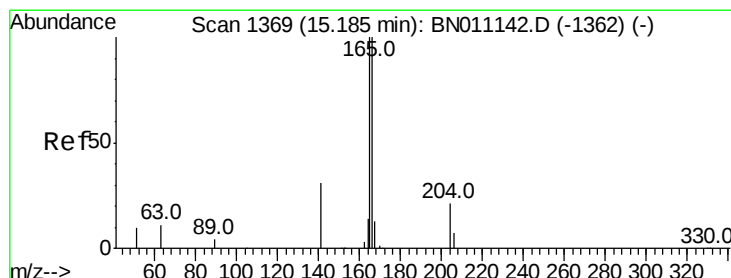
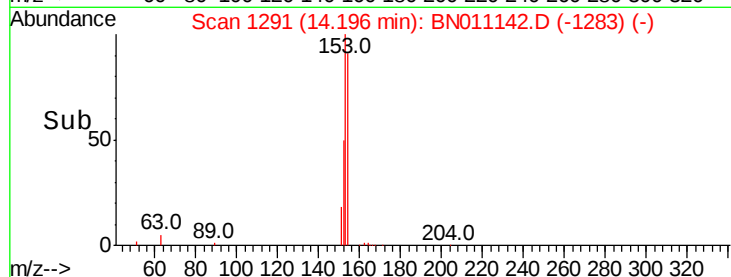
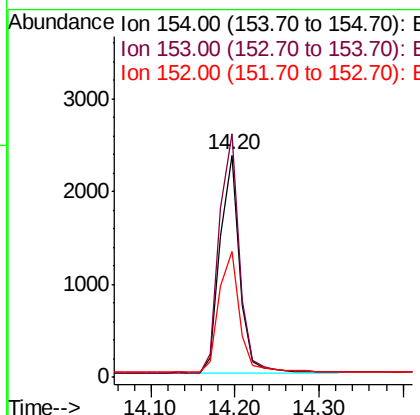
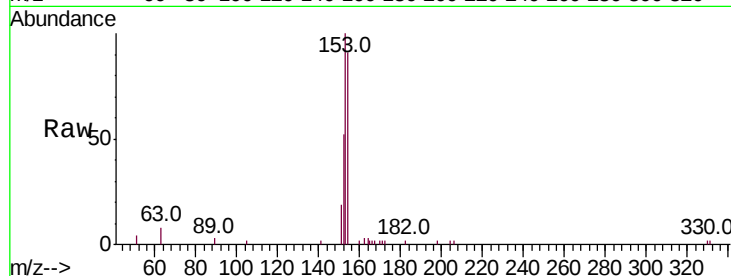




#17
Acenaphthene
Concen: 0.401 ng
RT: 14.20 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

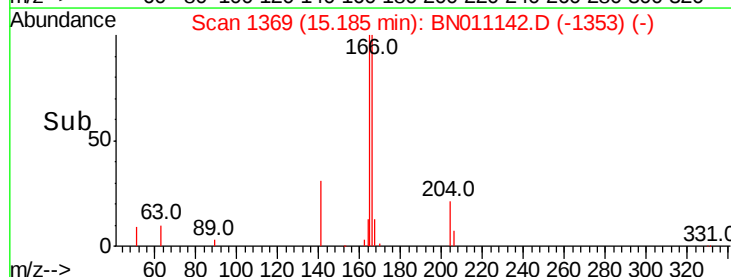
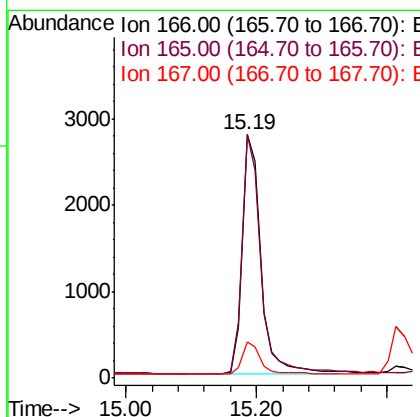
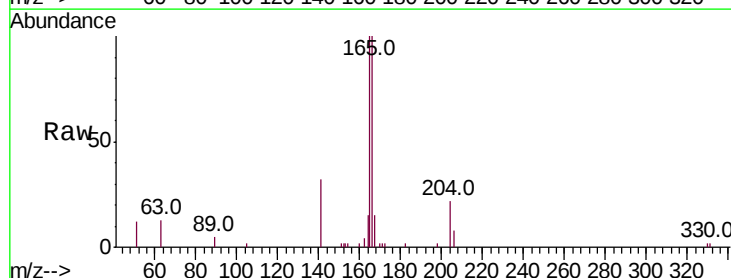
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

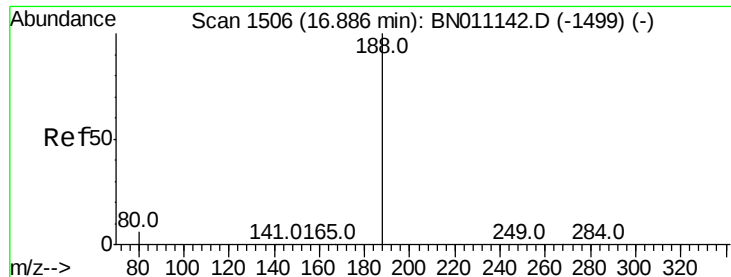
Tot Ion:154 Resp: 3801
Ion Ratio Lower Upper
154 100
153 114.1 91.3 136.9
152 58.2 46.6 69.8



#18
Fluorene
Concen: 0.467 ng
RT: 15.19 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:166 Resp: 5534
Ion Ratio Lower Upper
166 100
165 98.9 79.1 118.7
167 13.1 10.5 15.7

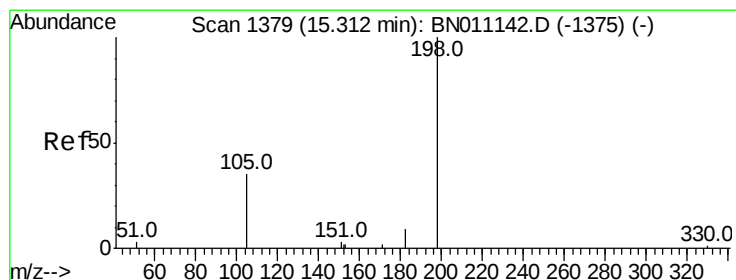
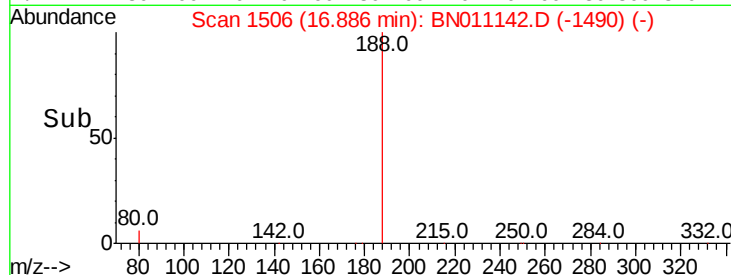
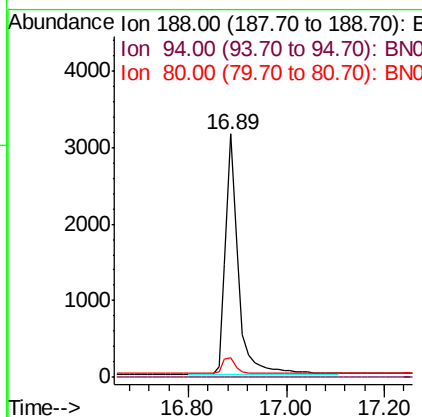
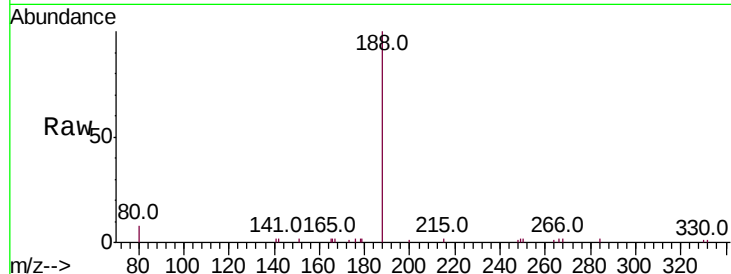




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.89 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

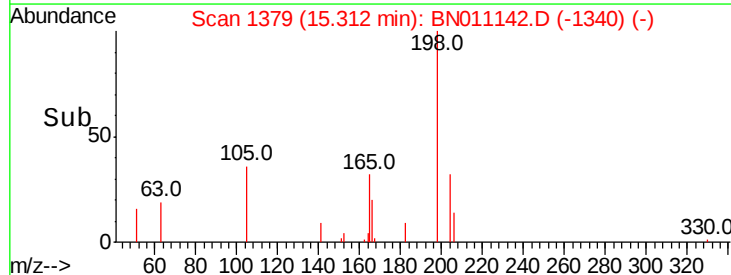
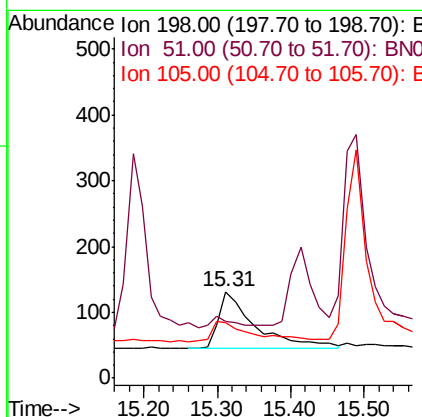
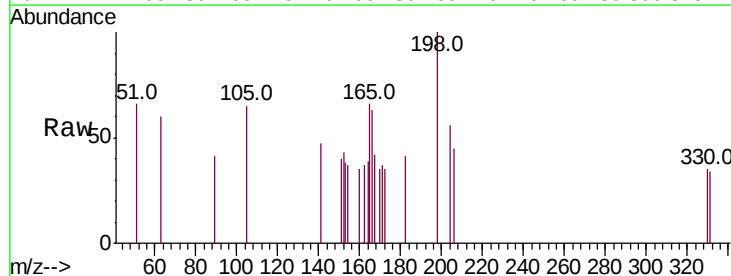
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

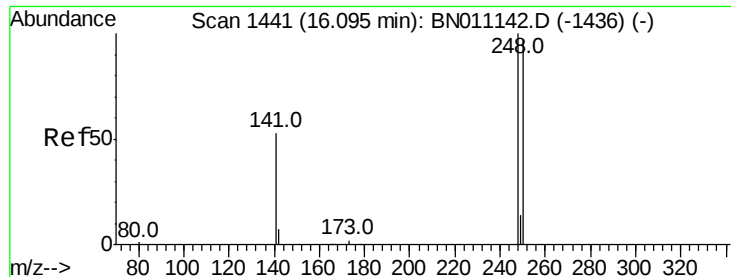
Tot Ion:188 Resp: 5661
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 6.3 9.5



#20
4,6-Dinitro-2-methylphenol
Concen: 0.504 ng
RT: 15.31 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:198 Resp: 305
Ion Ratio Lower Upper
198 100
51 66.4 53.1 79.7
105 64.9 51.9 77.9

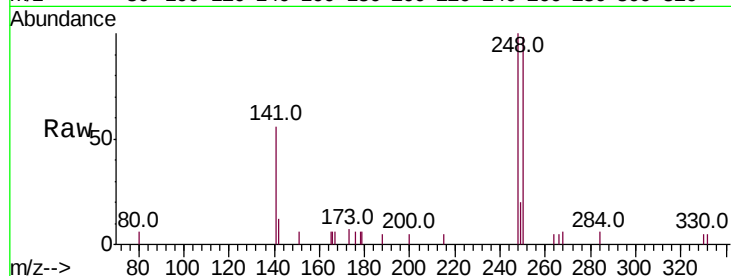




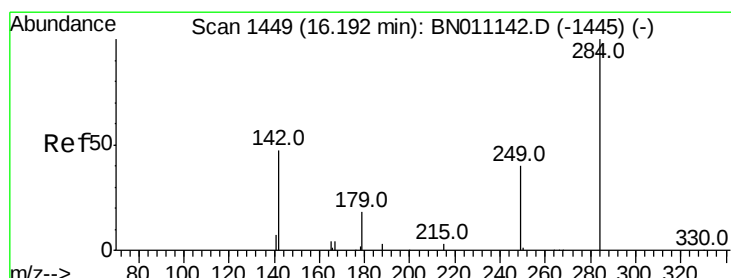
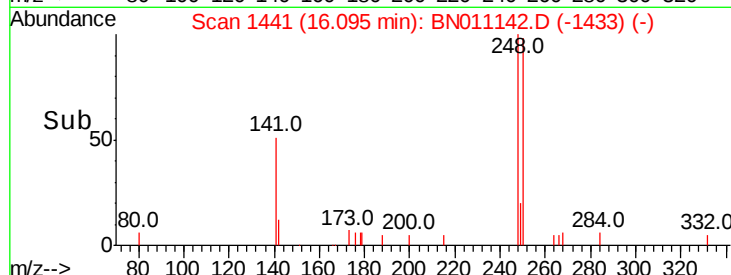
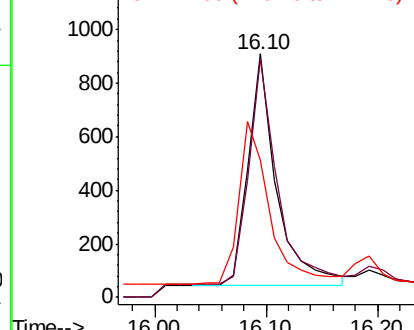
#21
4-Bromophenyl-phenylether
Concen: 0.410 ng
RT: 16.10 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:248 Resp: 1544
Ion Ratio Lower Upper
248 100
250 98.0 78.4 117.6
141 56.4 45.1 67.7

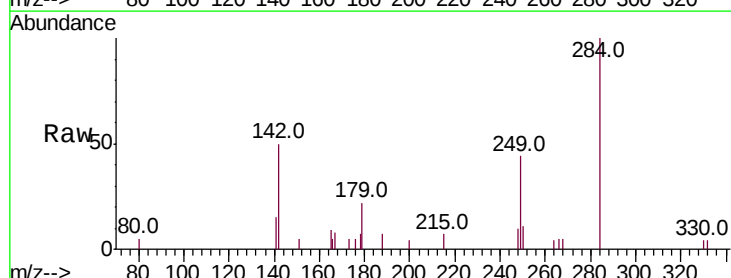


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

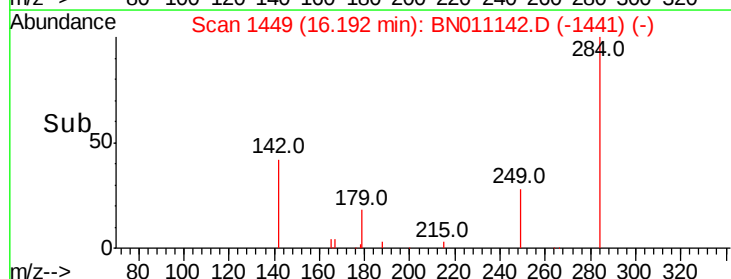
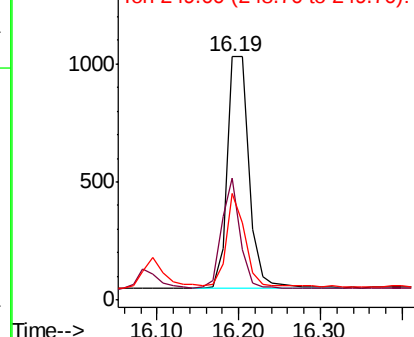


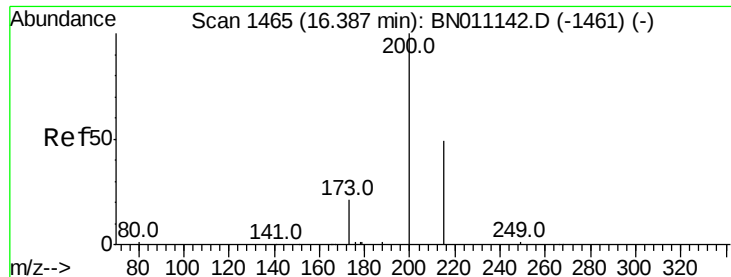
#22
Hexachlorobenzene
Concen: 0.410 ng
RT: 16.19 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:284 Resp: 1816
Ion Ratio Lower Upper
284 100
142 40.7 32.6 48.8
249 35.5 28.4 42.6



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

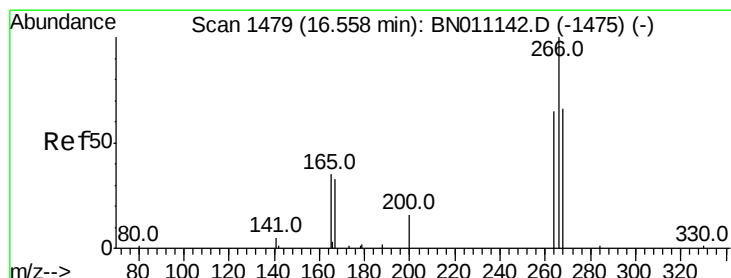
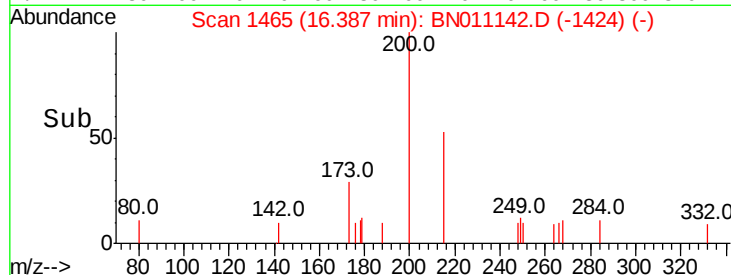
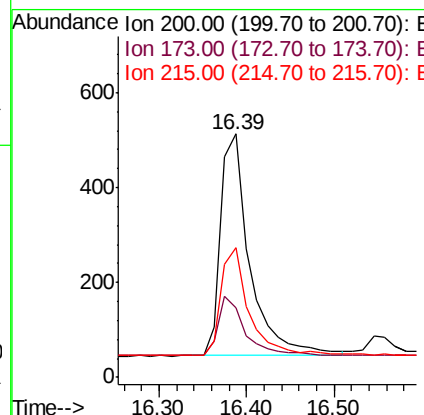
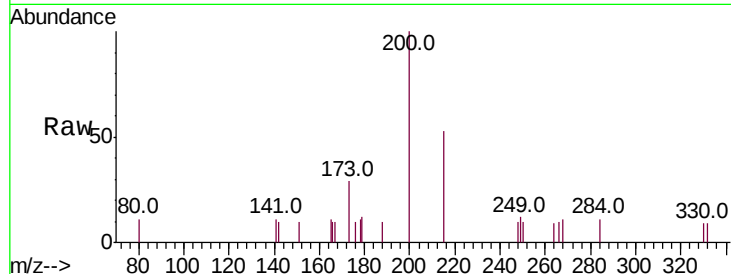




#23
Atrazine
Concen: 0.408 ng
RT: 16.39 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

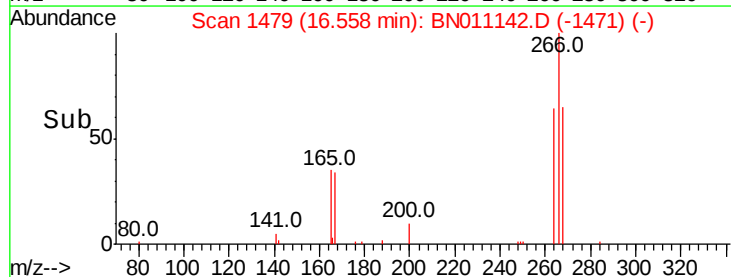
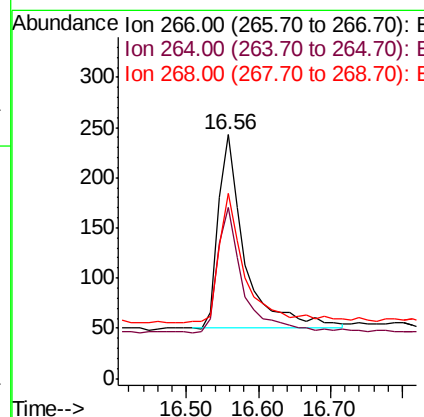
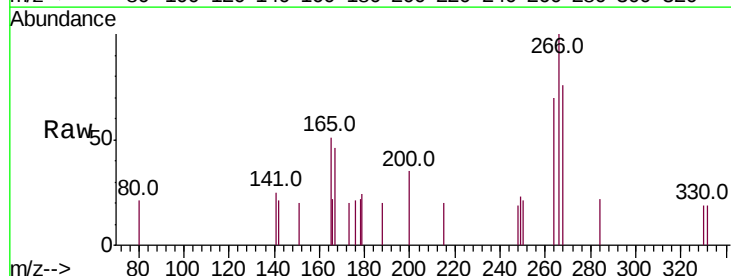
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

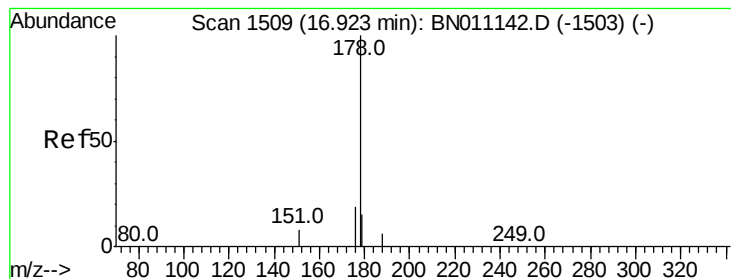
Tot Ion:200 Resp: 1084
Ion Ratio Lower Upper
200 100
173 28.7 23.0 34.4
215 53.2 42.6 63.8



#24
Pentachlorophenol
Concen: 0.414 ng
RT: 16.56 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:266 Resp: 494
Ion Ratio Lower Upper
266 100
264 65.6 52.5 78.7
268 61.1 48.9 73.3





#25

Phenanthrene

Concen: 0.396 ng

RT: 16.92 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

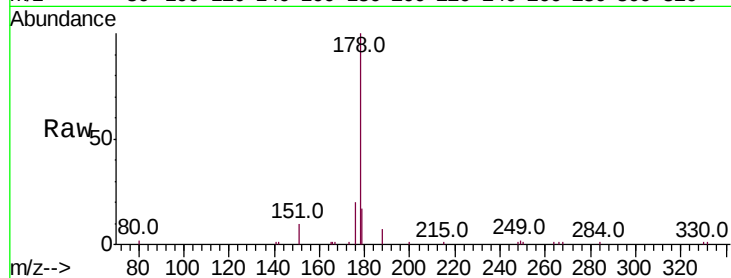
Tot Ion:178 Resp: 7265

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

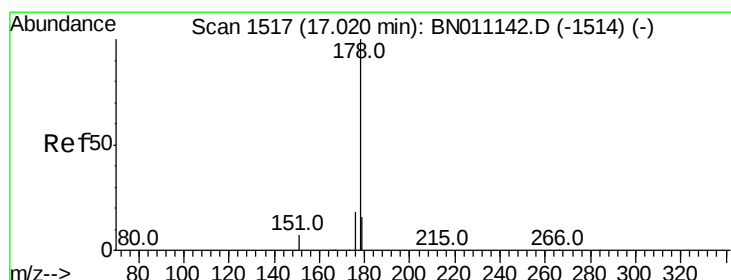
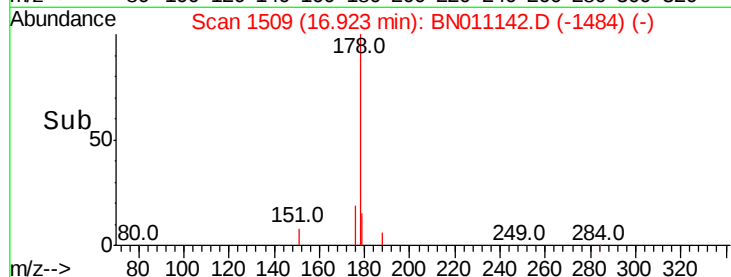
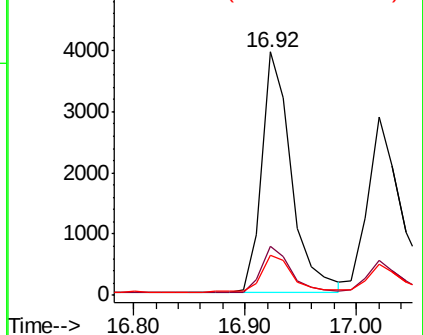
179 15.7 12.6 18.8



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: 0.395 ng

RT: 17.02 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

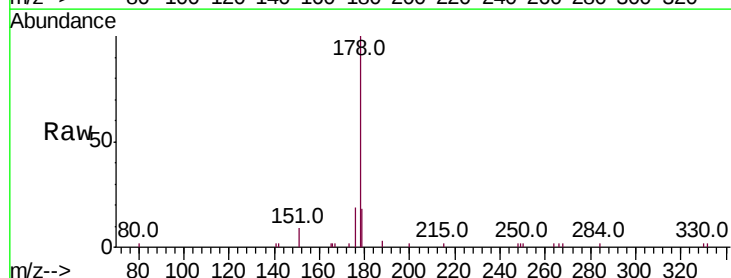
Tgt Ion:178 Resp: 5991

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

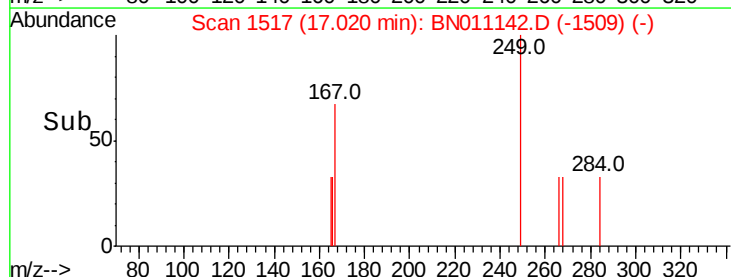
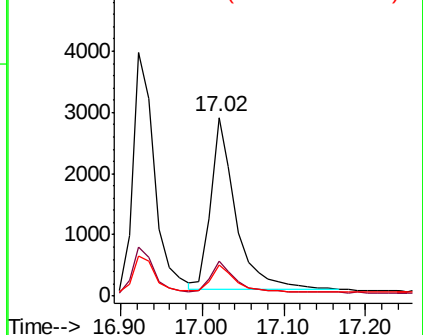
179 15.0 12.0 18.0

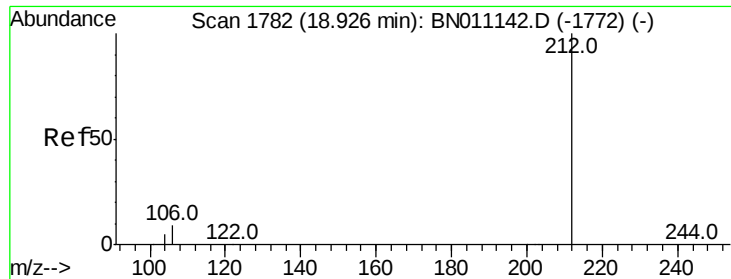


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

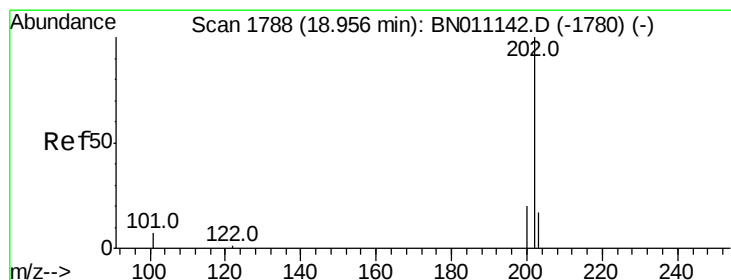
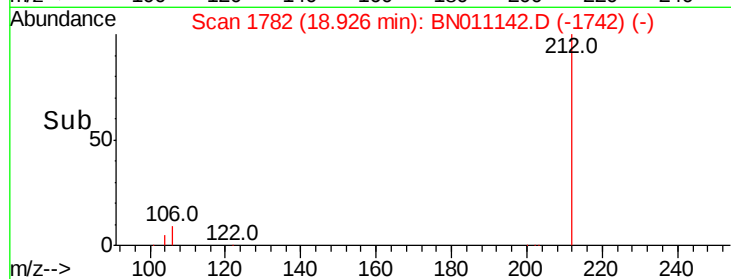
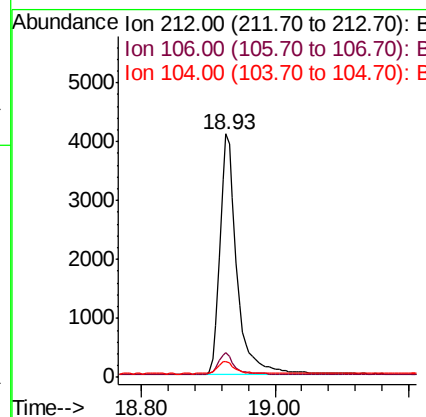
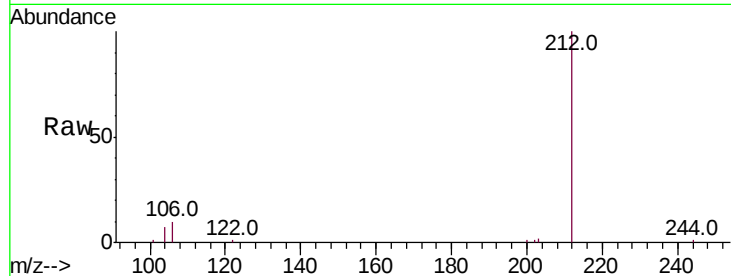




#27
 Fluoranthene-d10
 Concen: 0.424 ng
 RT: 18.93 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BN011142.D
 Acq: 10 Jul 2020 10:46

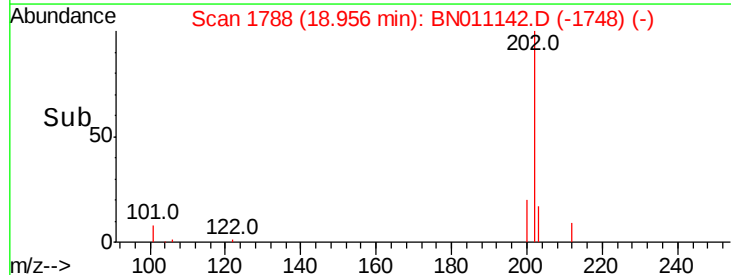
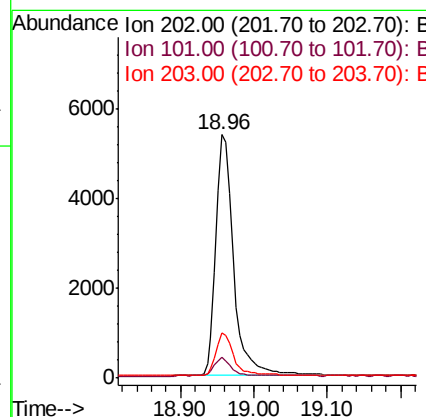
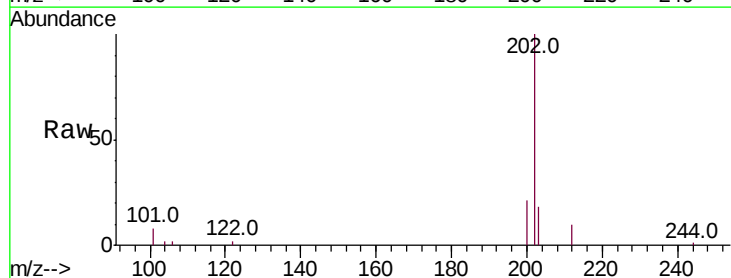
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

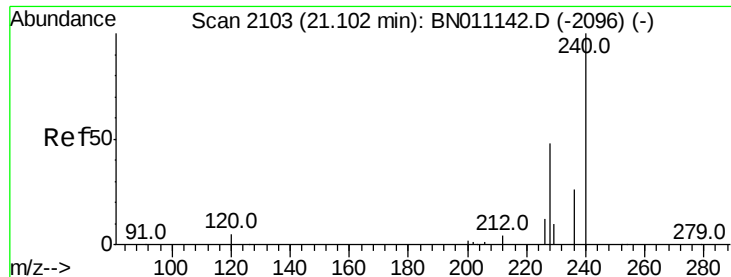
Tot Ion:212 Resp: 7264
 Ion Ratio Lower Upper
 212 100
 106 8.8 7.0 10.6
 104 5.3 4.2 6.4



#28
 Fluoranthene
 Concen: 0.443 ng
 RT: 18.96 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BN011142.D
 Acq: 10 Jul 2020 10:46

Tgt Ion:202 Resp: 9132
 Ion Ratio Lower Upper
 202 100
 101 7.4 5.9 8.9
 203 17.0 13.6 20.4

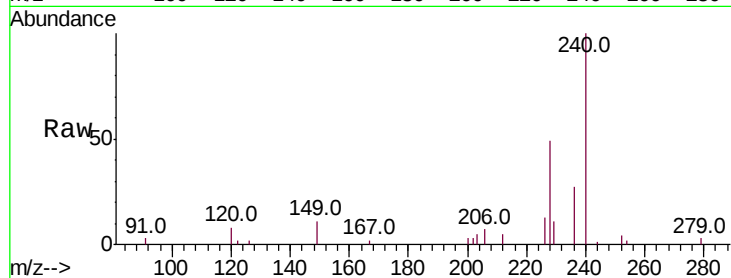




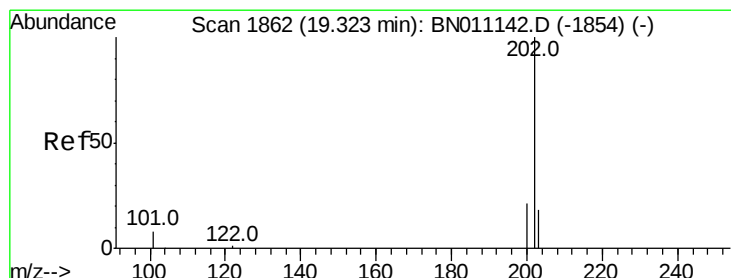
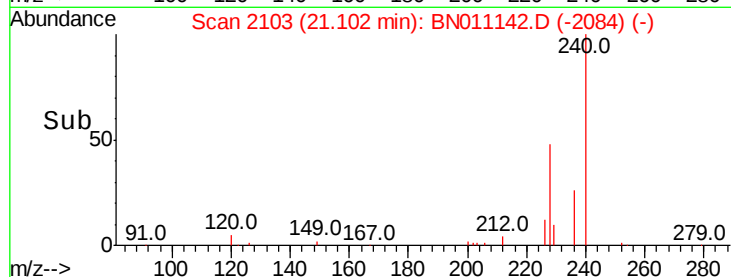
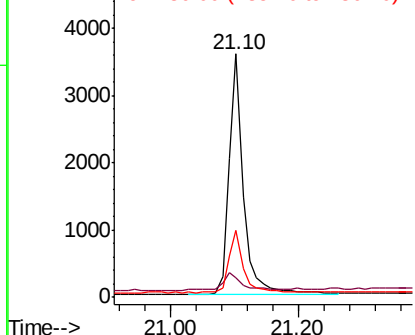
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:240 Resp: 5472
Ion Ratio Lower Upper
240 100
120 8.1 6.5 9.7
236 27.4 21.9 32.9

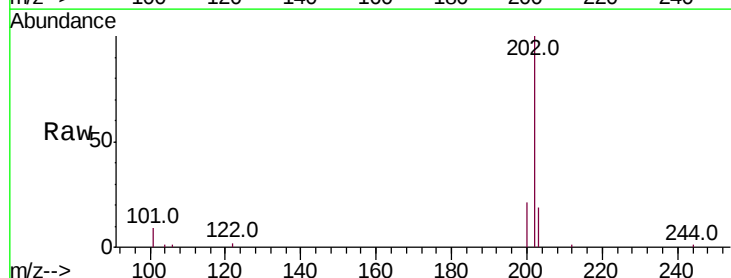


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

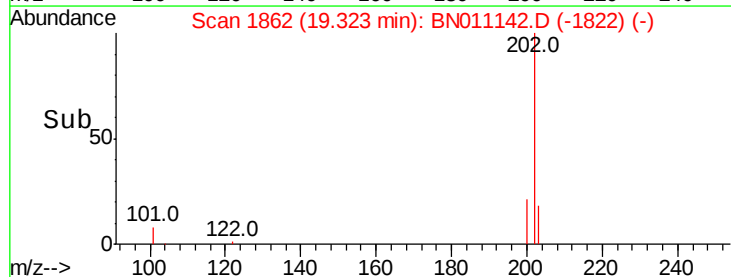
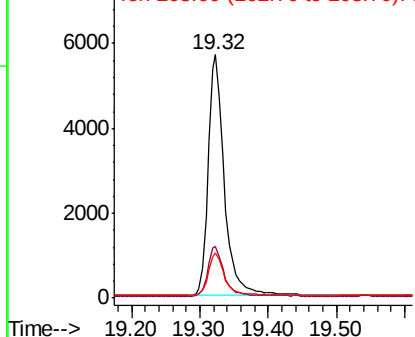


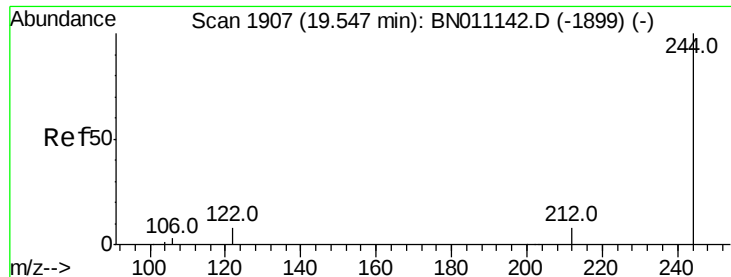
#30
Pyrene
Concen: 0.464 ng
RT: 19.32 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:202 Resp: 9467
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 17.8 14.2 21.4



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: 0.422 ng

RT: 19.55 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

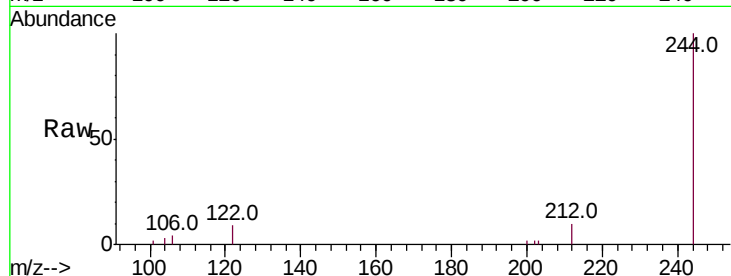
Tot Ion:244 Resp: 6015

Ion Ratio Lower Upper

244 100

212 9.7 7.8 11.6

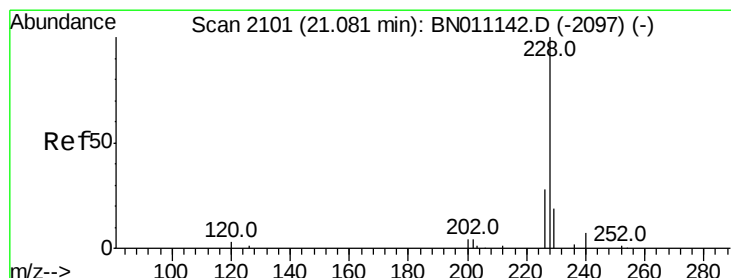
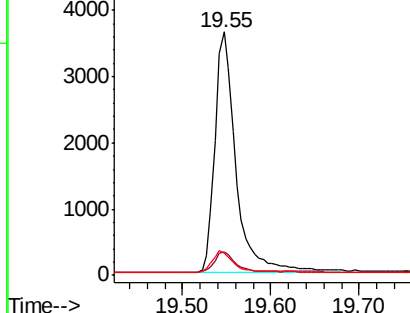
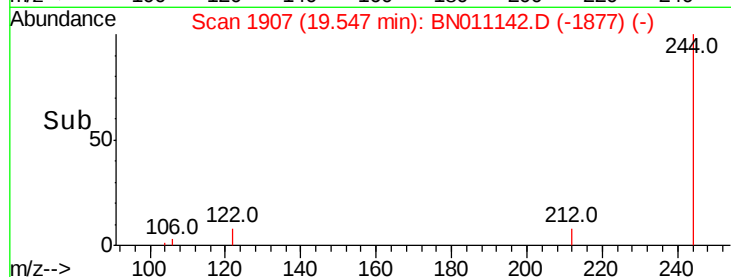
122 9.2 7.4 11.0



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: 0.376 ng

RT: 21.08 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

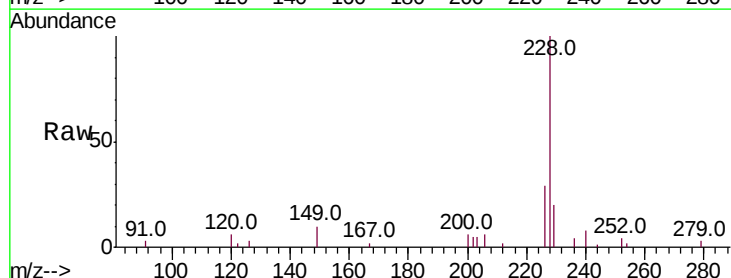
Tgt Ion:228 Resp: 6882

Ion Ratio Lower Upper

228 100

226 29.0 23.2 34.8

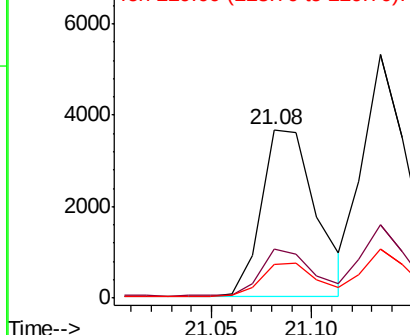
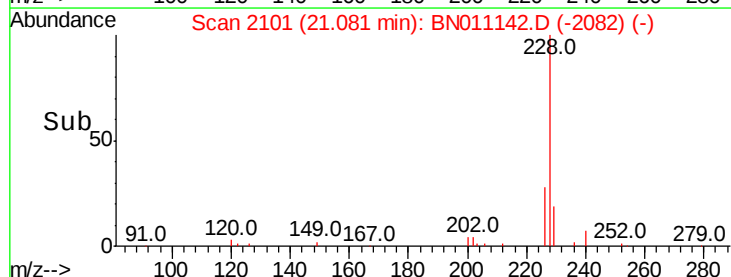
229 20.3 16.2 24.4

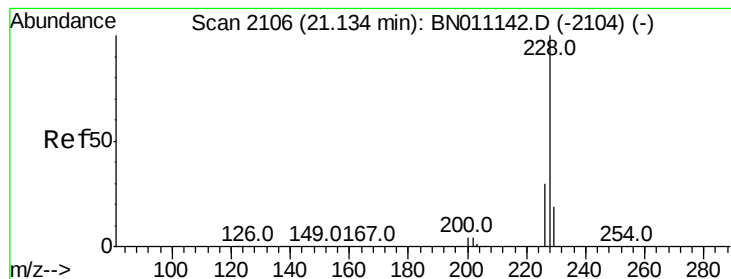


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.411 ng

RT: 21.13 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

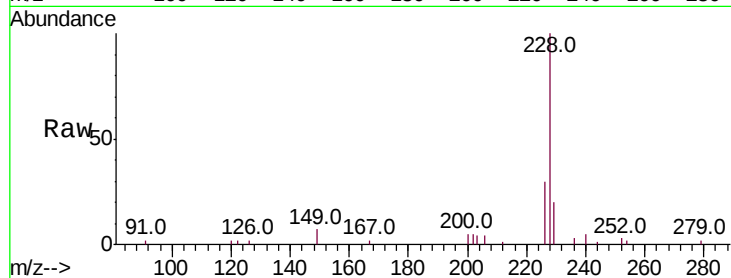
Tot Ion:228 Resp: 8626

Ion Ratio Lower Upper

228 100

226 30.0 24.0 36.0

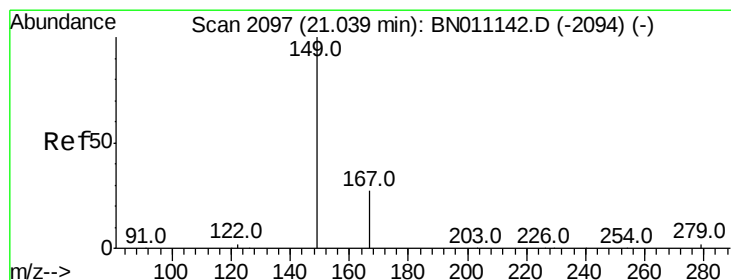
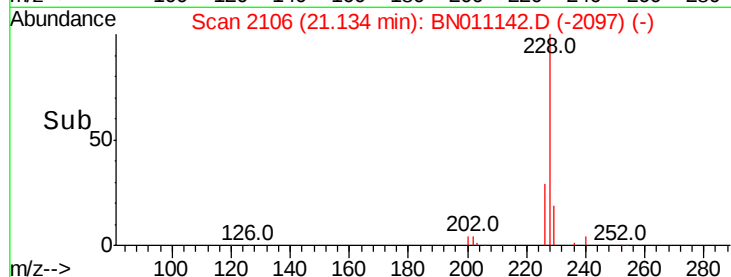
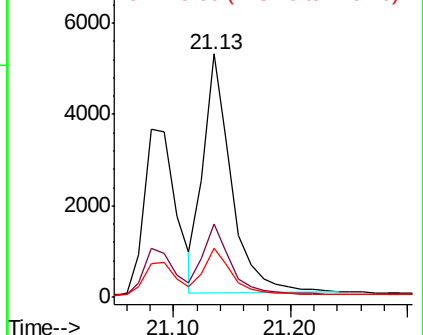
229 20.3 16.2 24.4



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: 0.390 ng

RT: 21.04 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

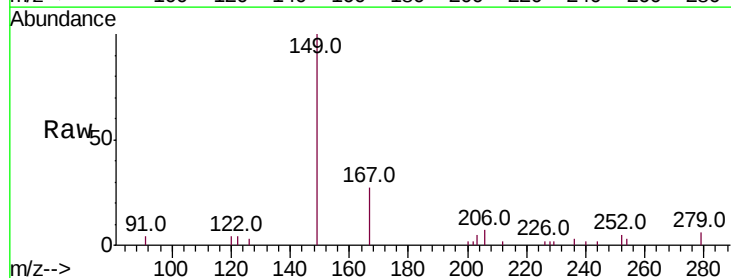
Tgt Ion:149 Resp: 2883

Ion Ratio Lower Upper

149 100

167 29.2 23.4 35.0

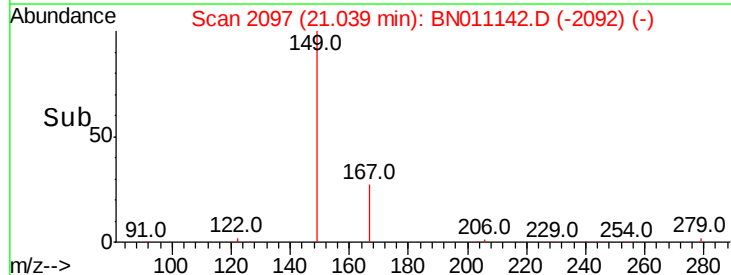
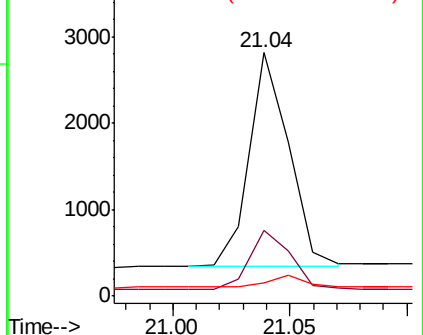
279 5.6 4.5 6.7

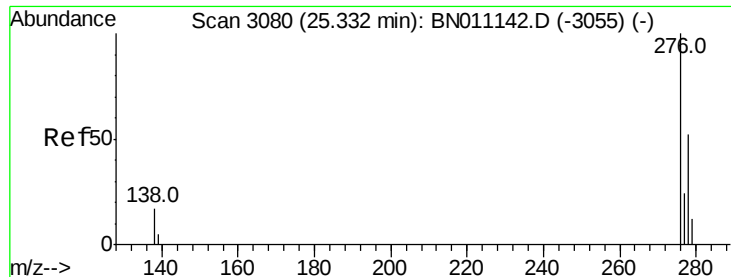


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

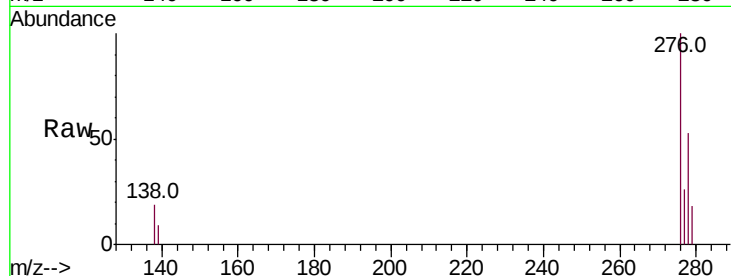




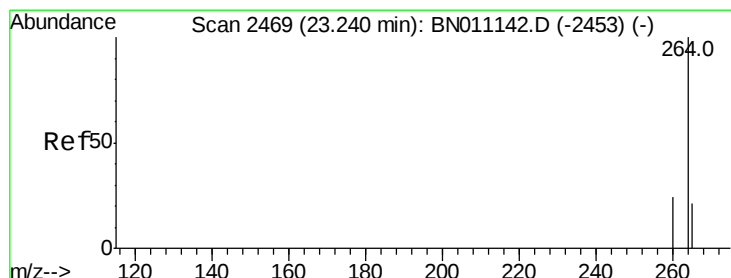
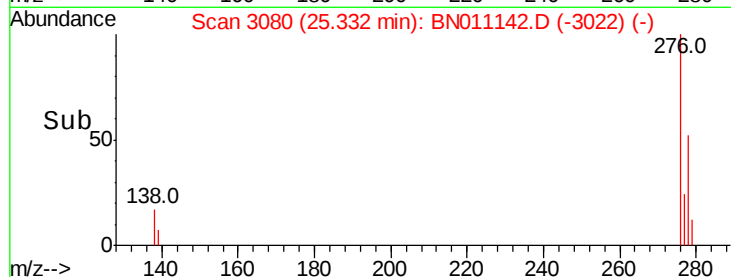
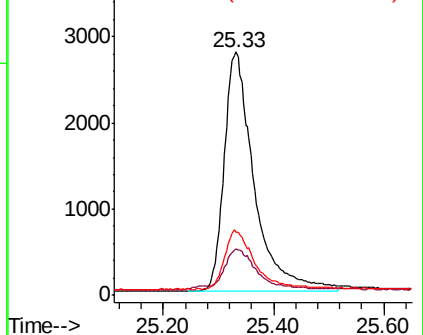
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.478 ng
 RT: 25.33 min Scan# 3080
 Delta R.T. 0.00 min
 Lab File: BN011142.D
 Acq: 10 Jul 2020 10:46

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

Tot Ion:276 Resp: 10482
 Ion Ratio Lower Upper
 276 100
 138 16.3 13.0 19.6
 277 24.6 19.7 29.5

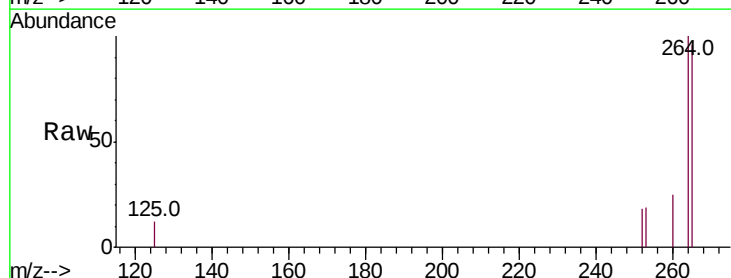


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

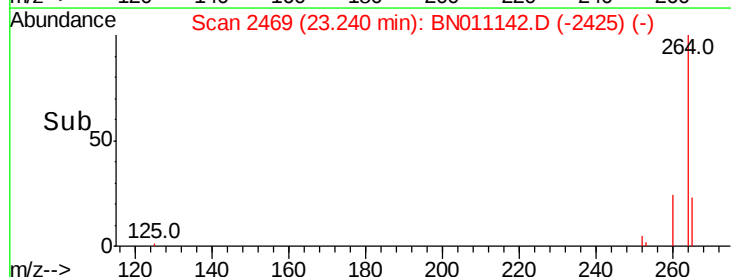
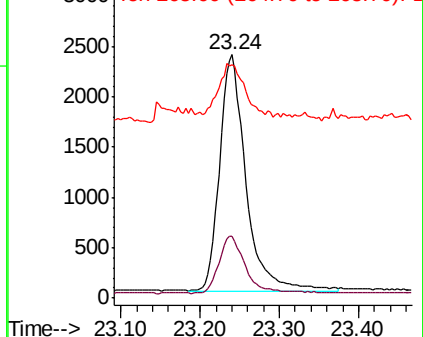


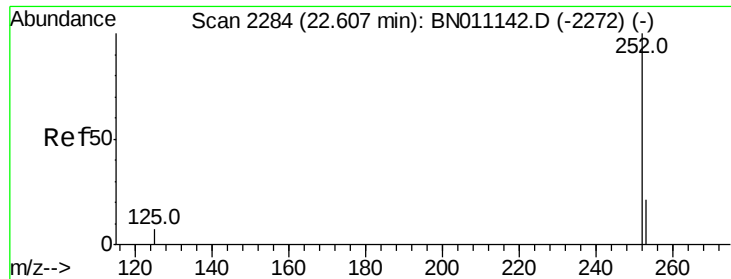
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.24 min Scan# 2469
 Delta R.T. 0.00 min
 Lab File: BN011142.D
 Acq: 10 Jul 2020 10:46

Tgt Ion:264 Resp: 5404
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 95.8 76.6 115.0



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

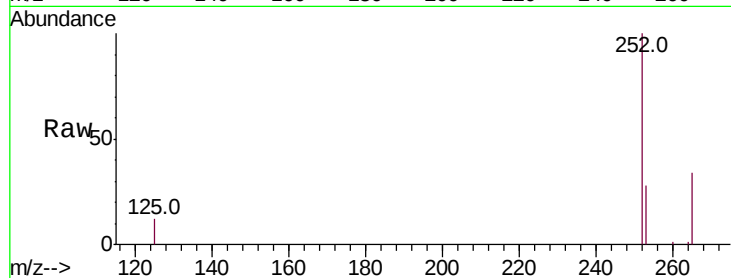




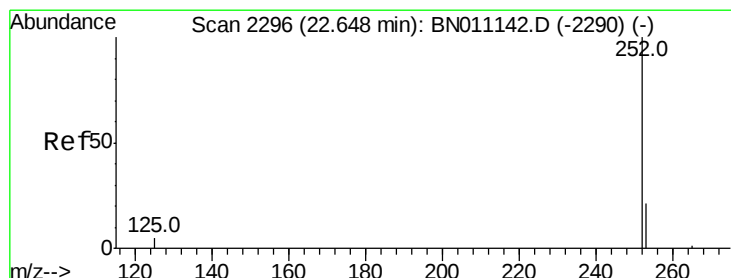
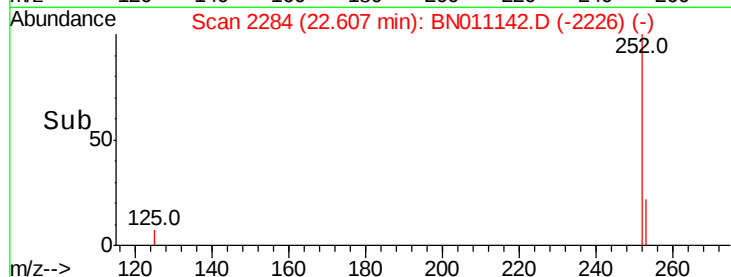
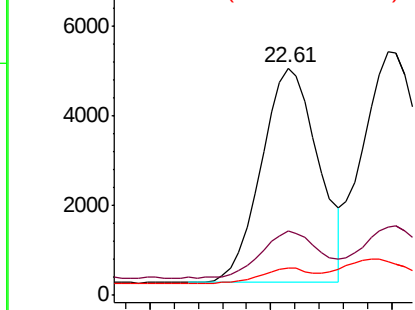
#37
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 22.61 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:252 Resp: 7857
Ion Ratio Lower Upper
252 100
253 28.3 22.6 34.0
125 12.0 9.6 14.4

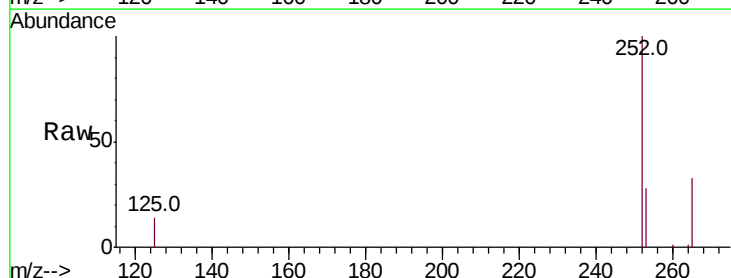


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

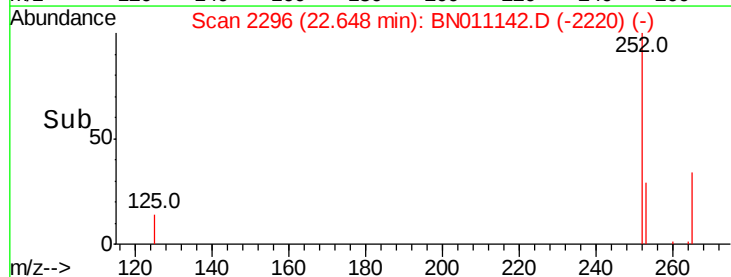
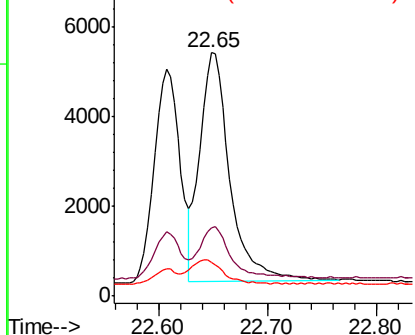


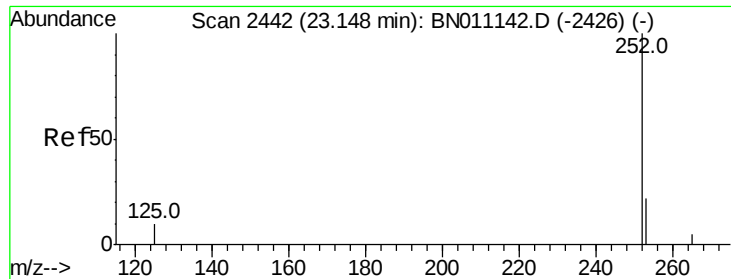
#38
Benzo(k)fluoranthene
Concen: 0.425 ng
RT: 22.65 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BN011142.D
Acq: 10 Jul 2020 10:46

Tgt Ion:252 Resp: 9861
Ion Ratio Lower Upper
252 100
253 27.8 22.2 33.4
125 13.7 11.0 16.4



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: 0.424 ng

RT: 23.15 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

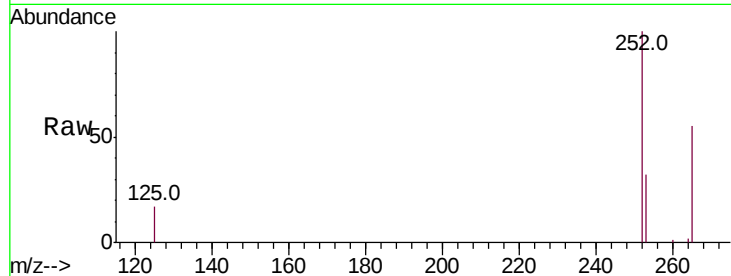
Tot Ion:252 Resp: 7924

Ion Ratio Lower Upper

252 100

253 32.2 25.8 38.6

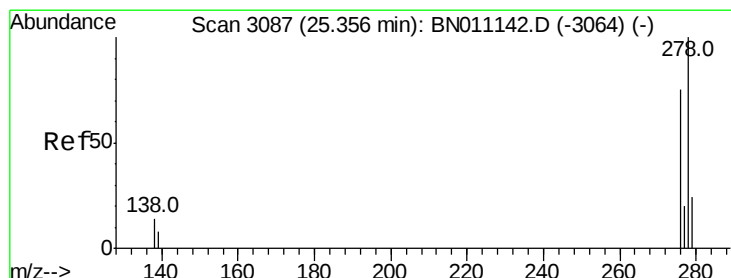
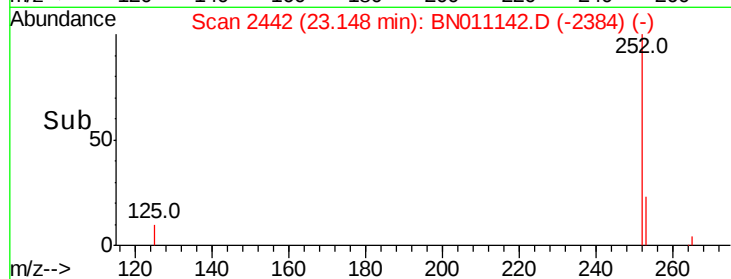
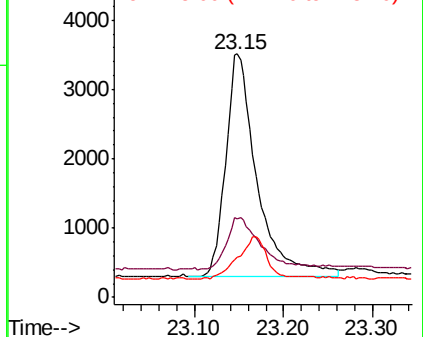
125 16.7 13.4 20.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#40

Dibenzo(a,h)anthracene

Concen: 0.446 ng

RT: 25.36 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

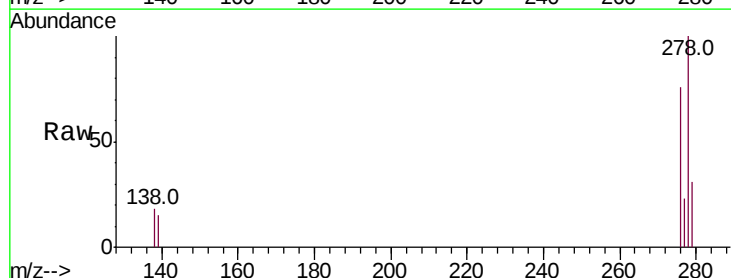
Tgt Ion:278 Resp: 8526

Ion Ratio Lower Upper

278 100

139 14.6 11.7 17.5

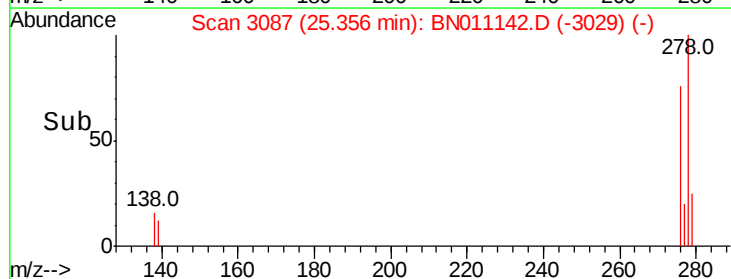
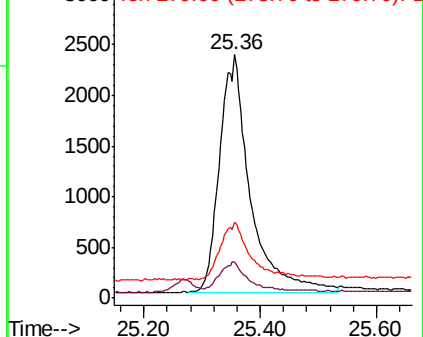
279 31.3 25.0 37.6

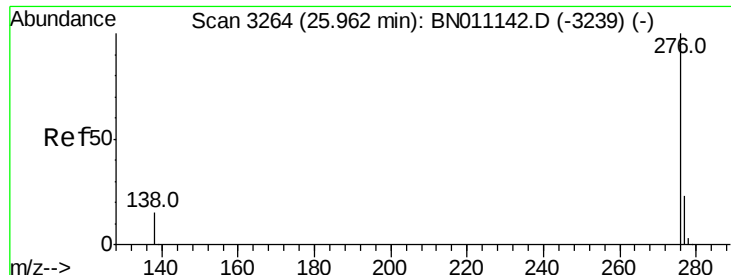


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.445 ng

RT: 25.96 min Scan# 3264

Delta R.T. 0.00 min

Lab File: BN011142.D

Acq: 10 Jul 2020 10:46

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

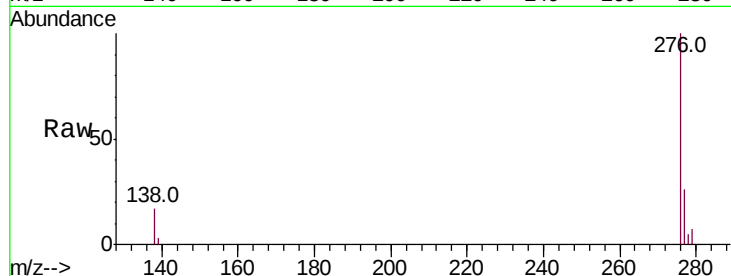
Tot Ion:276 Resp: 9380

Ion Ratio Lower Upper

276 100

277 25.6 20.5 30.7

138 17.2 13.8 20.6



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

