

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
 Data File : BN011146.D
 Acq On : 10 Jul 2020 13:09
 Operator : CG/JU
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Jul 10 13:39:32 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	7.51	152	2068	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	5971	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	3222	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	6328	0.40	ng	0.00
29) Chrysene-d12	21.09	240	6921	0.40	ng	-0.01
36) Perylene-d12	23.23	264	5816	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	22909	4.45	ng	0.00
5) Phenol-d6	6.71	99	27082	4.58	ng	0.00
8) Nitrobenzene-d5	8.64	82	27215	5.36	ng	-0.01
11) 2-Methylnaphthalene-d10	11.85	152	46394	4.49	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	7656	5.66	ng	-0.01
15) 2-Fluorobiphenyl	12.74	172	67875	4.47	ng	-0.01
27) Fluoranthene-d10	18.92	212	92508	4.83	ng	0.00
31) Terphenyl-d14	19.54	244	78618	4.36	ng	0.00

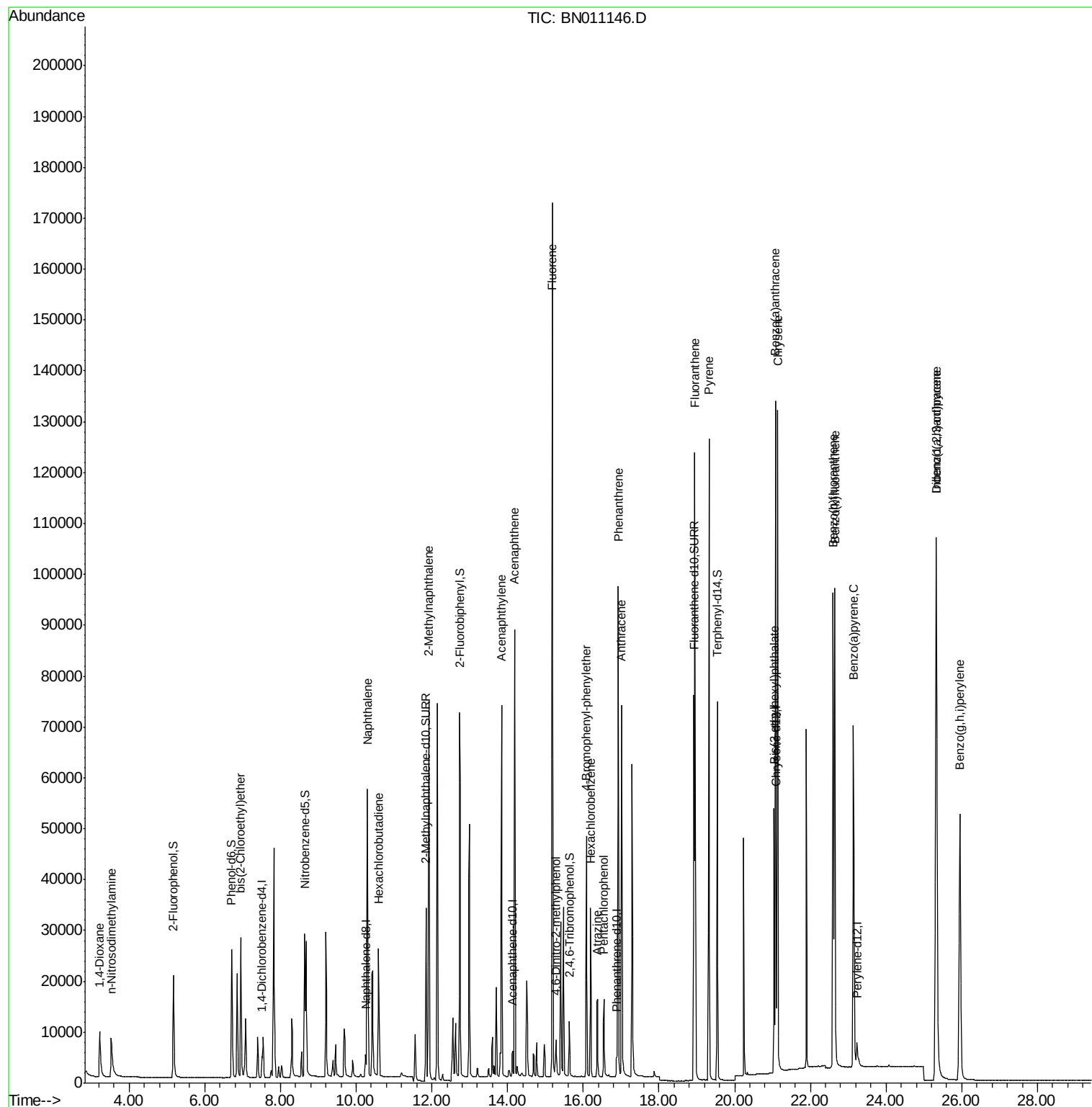
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	12405	4.254	ng	98
3) n-Nitrosodimethylamine	3.52	42	7495	5.087	ng	# 96
6) bis(2-Chloroethyl)ether	6.95	93	23891	4.446	ng	96
9) Naphthalene	10.30	128	78814	4.420	ng	96
10) Hexachlorobutadiene	10.60	225	19313	4.276	ng	# 99
12) 2-Methylnaphthalene	11.92	142	53607	4.497	ng	95
16) Acenaphthylene	13.84	152	77608	4.804	ng	100
17) Acenaphthene	14.18	154	48731	4.451	ng	99
18) Fluorene	15.19	166	70002	5.117	ng	99
20) 4,6-Dinitro-2-methylphenol	15.27	198	6845	10.126	ng	# 58
21) 4-Bromophenyl-phenylether	16.08	248	22765	5.412	ng	96
22) Hexachlorobenzene	16.19	284	22181	4.475	ng	98
23) Atrazine	16.37	200	15387	5.175	ng	# 91
24) Pentachlorophenol	16.55	266	7991	5.990	ng	97
25) Phenanthrene	16.92	178	96448	4.706	ng	99
26) Anthracene	17.01	178	87211	5.143	ng	99
28) Fluoranthene	18.95	202	114278	4.959	ng	99
30) Pyrene	19.32	202	113795	4.407	ng	99
32) Benzo(a)anthracene	21.08	228	107537	4.650	ng	96
33) Chrysene	21.13	228	114519	4.315	ng	98
34) Bis(2-ethylhexyl)phthalate	21.04	149	41106	4.396	ng	97
35) Indeno(1,2,3-cd)pyrene	25.32	276	126344	4.554	ng	97
37) Benzo(b)fluoranthene	22.60	252	114265	4.902	ng	# 89
38) Benzo(k)fluoranthene	22.64	252	113722	4.557	ng	# 88
39) Benzo(a)pyrene	23.14	252	97353	4.845	ng	# 82
40) Dibenzo(a,h)anthracene	25.33	278	103252	5.015	ng	# 89
41) Benzo(g,h,i)perylene	25.95	276	105830	4.665	ng	97

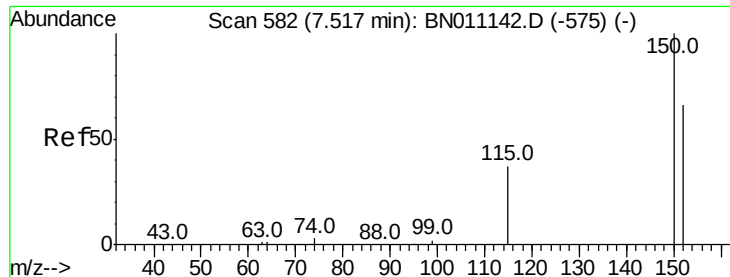
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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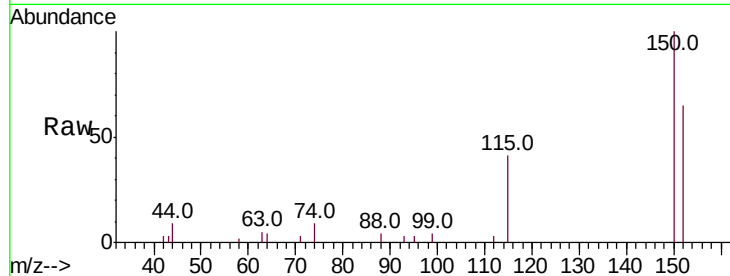


#1

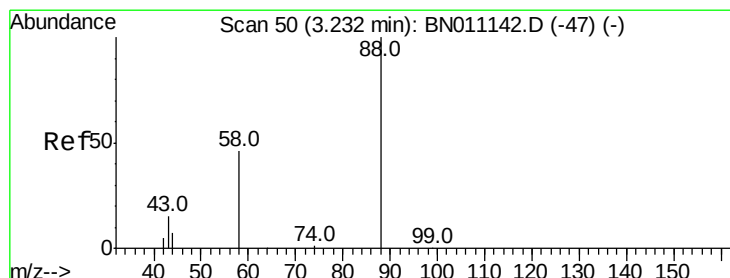
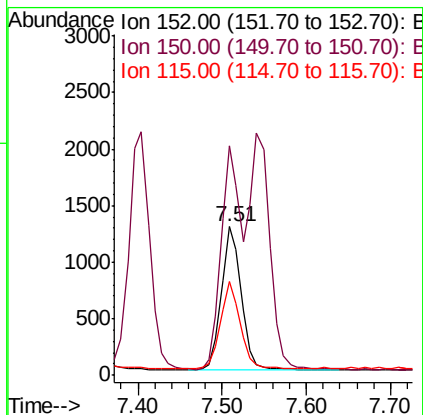
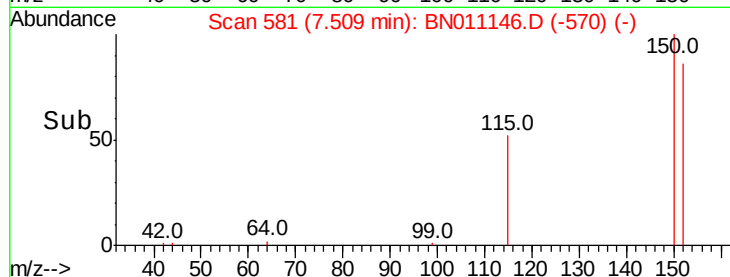
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. -0.01 min
Lab File: BN011146.D
Acq: 10 Jul 2020 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tot Ion:152 Resp: 2068
Ion Ratio Lower Upper
152 100
150 154.5 119.4 179.0
115 63.0 48.3 72.5



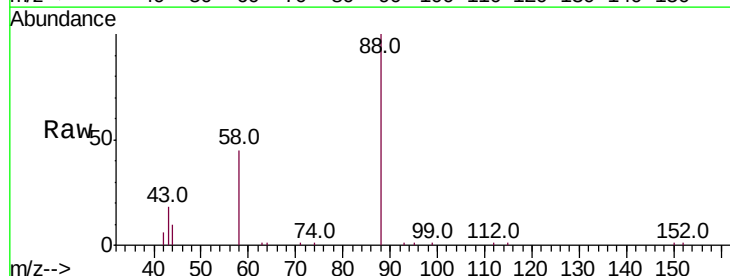
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



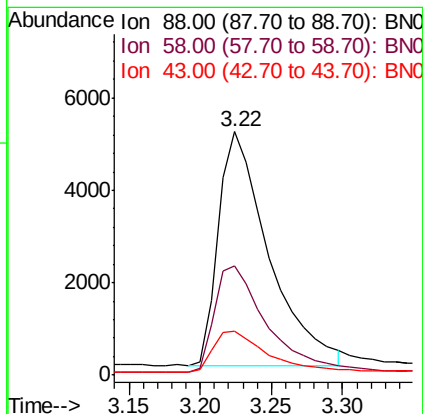
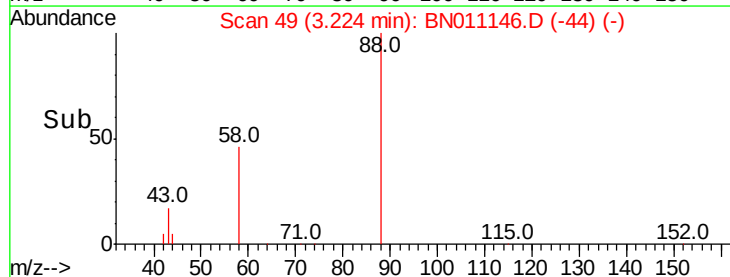
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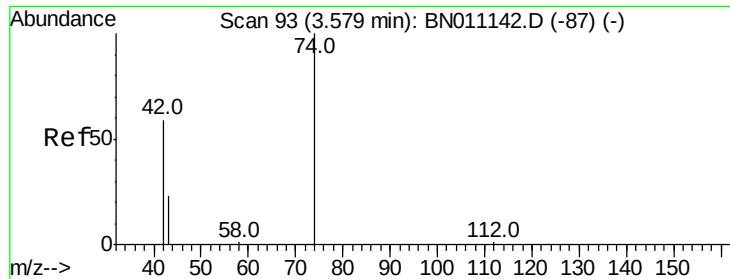
1,4-Dioxane
Concen: 4.254 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.01 min
Lab File: BN011146.D
Acq: 10 Jul 2020 13:09

Tgt Ion: 88 Resp: 12405
Ion Ratio Lower Upper
88 100
58 46.8 36.5 54.7
43 18.2 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



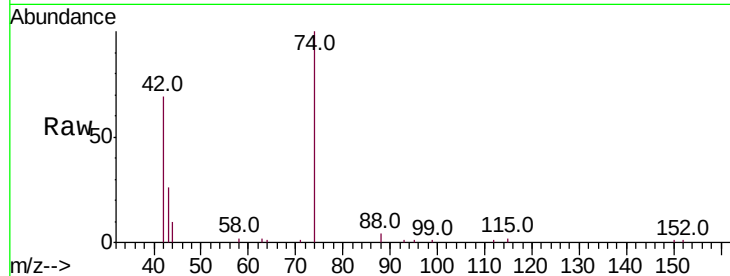


#3

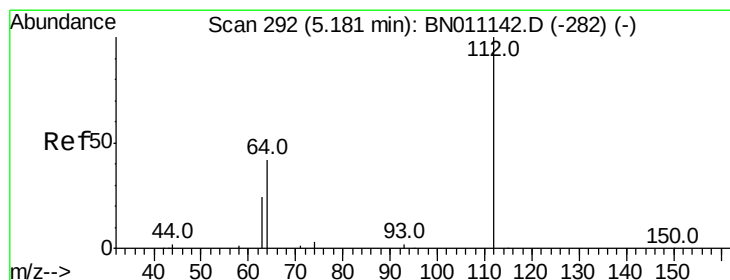
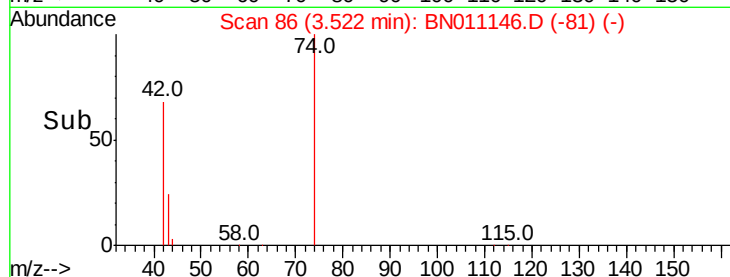
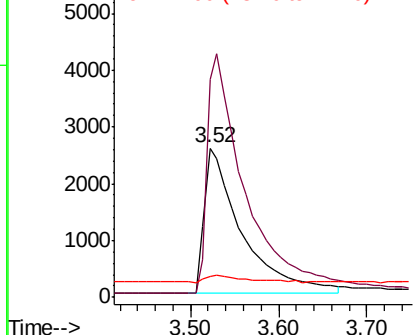
n-Nitrosodimethylamine
 Concen: 5.087 ng
 RT: 3.52 min Scan# 86
 Delta R.T. -0.06 min
 Lab File: BN011146.D
 Acq: 10 Jul 2020 13:09

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tot Ion: 42 Resp: 7495
 Ion Ratio Lower Upper
 42 100
 74 170.8 140.9 211.3
 44 4.7 7.6 11.4#



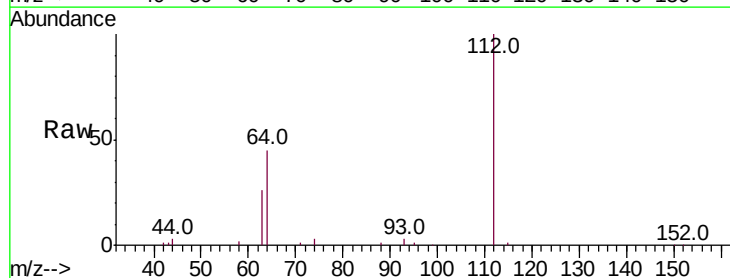
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



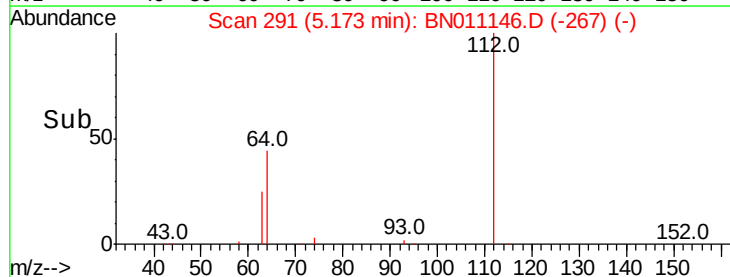
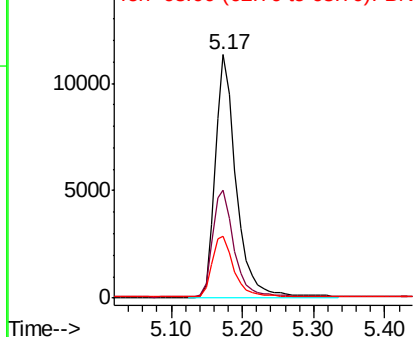
#4

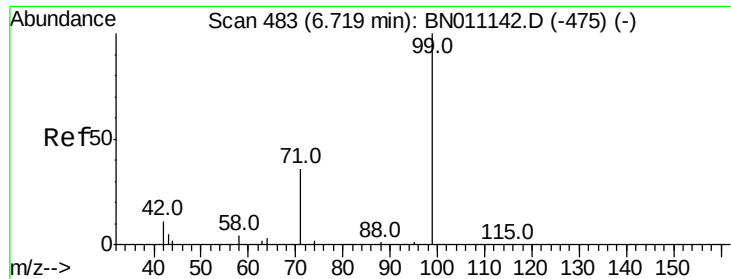
2-Fluorophenol
 Concen: 4.452 ng
 RT: 5.17 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: BN011146.D
 Acq: 10 Jul 2020 13:09

Tgt Ion: 112 Resp: 22909
 Ion Ratio Lower Upper
 112 100
 64 45.8 36.7 55.1
 63 26.3 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: 4.577 ng

RT: 6.71 min Scan# 482

Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

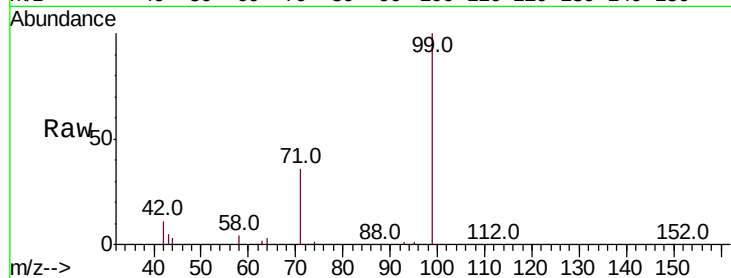
Tot Ion: 99 Resp: 27082

Ion Ratio Lower Upper

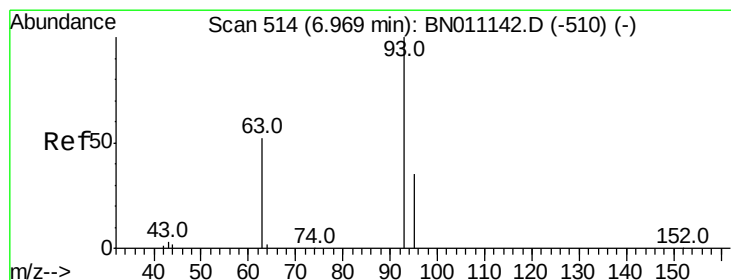
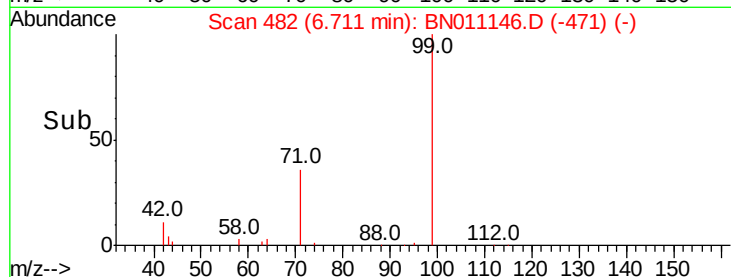
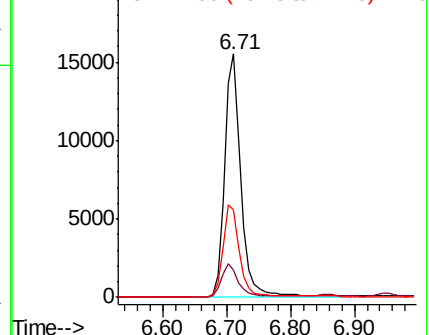
99 100

42 13.6 10.8 16.2

71 38.6 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 4.446 ng

RT: 6.95 min Scan# 512

Delta R.T. -0.02 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

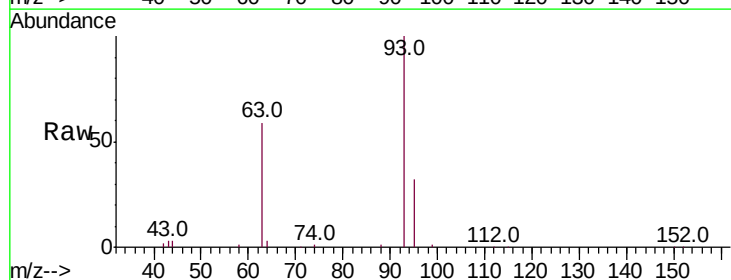
Tgt Ion: 93 Resp: 23891

Ion Ratio Lower Upper

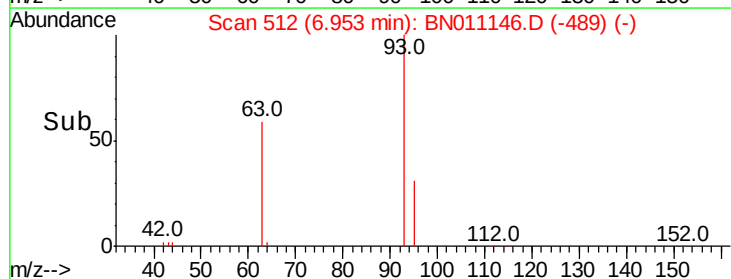
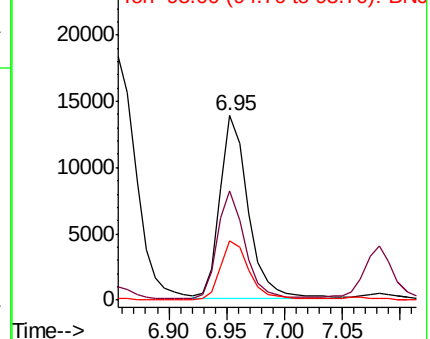
93 100

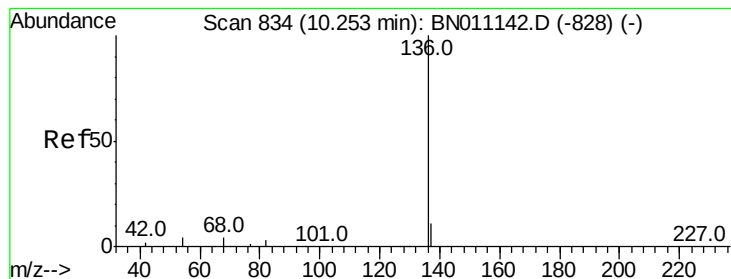
63 56.9 47.4 71.0

95 31.7 28.1 42.1



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 5971

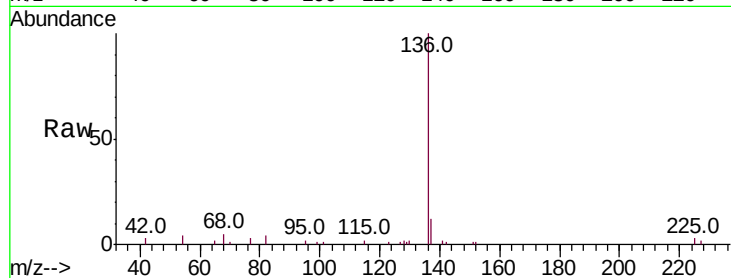
Ion Ratio Lower Upper

136 100

137 12.0 10.3 15.5

54 4.3 4.9 7.3#

68 4.6 4.9 7.3#

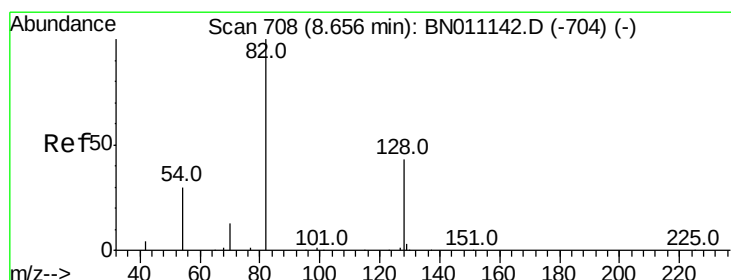
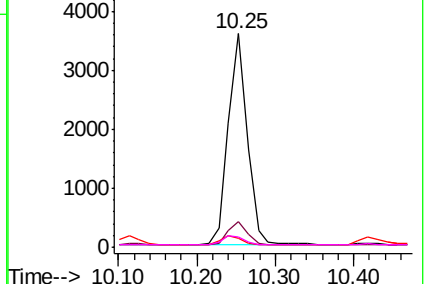
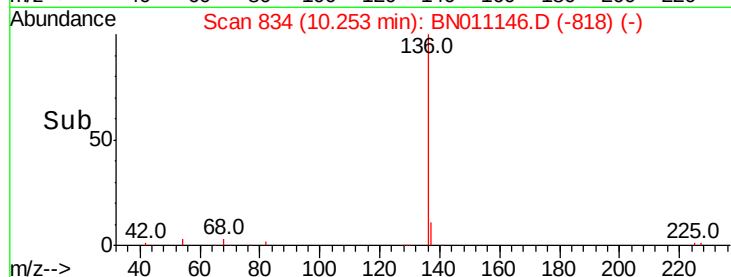


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.363 ng

RT: 8.64 min Scan# 707

Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

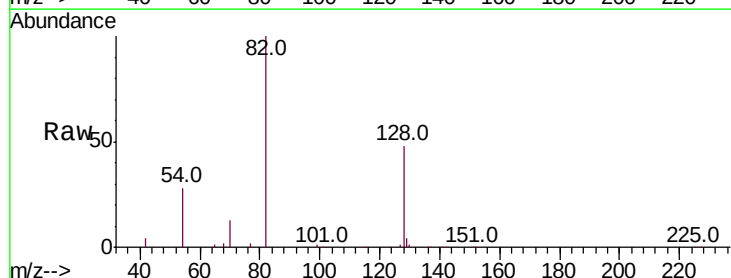
Tgt Ion: 82 Resp: 27215

Ion Ratio Lower Upper

82 100

128 47.9 38.1 57.1

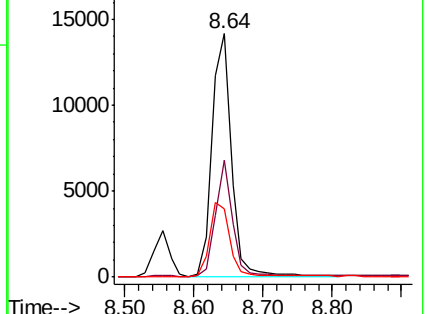
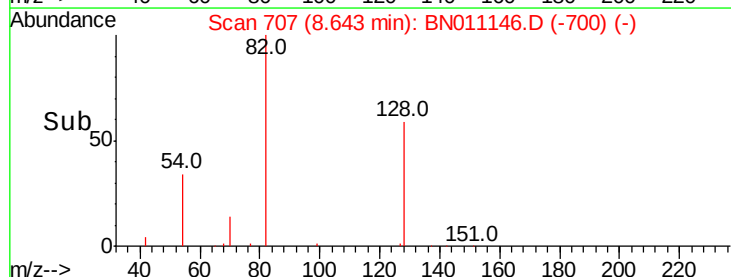
54 27.8 27.1 40.7

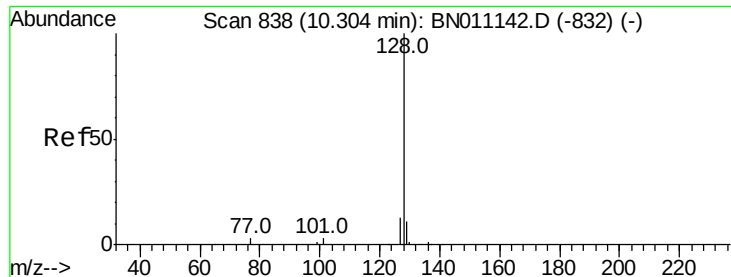


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 4.420 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

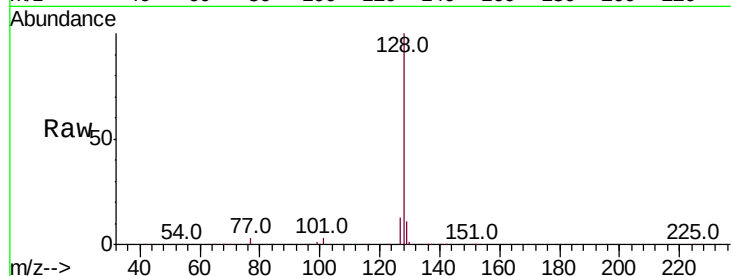
BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:128 Resp: 78814

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.6
127	12.8	11.8	17.6

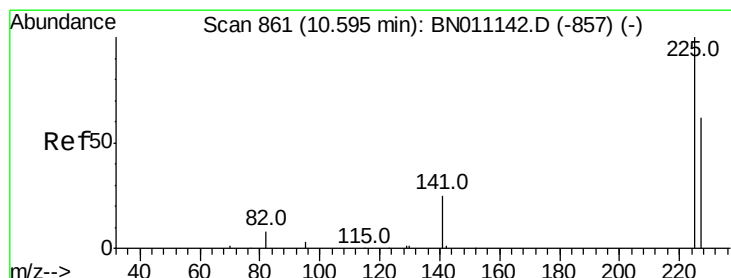
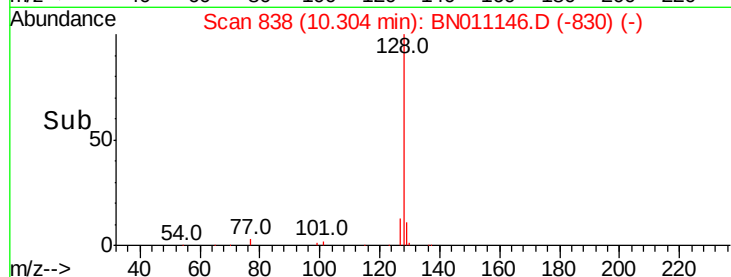
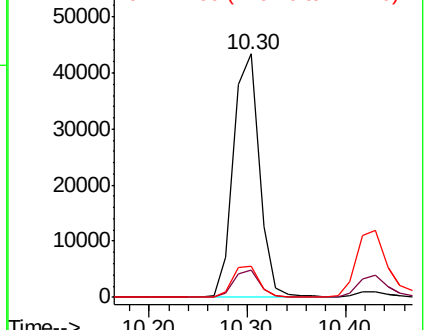


Abundance

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: 4.276 ng

RT: 10.60 min Scan# 861

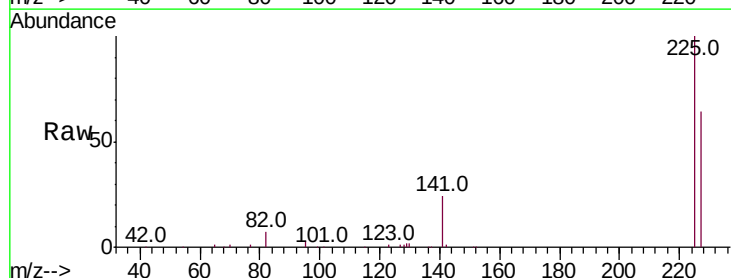
Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Tgt Ion:225 Resp: 19313

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.2	76.8

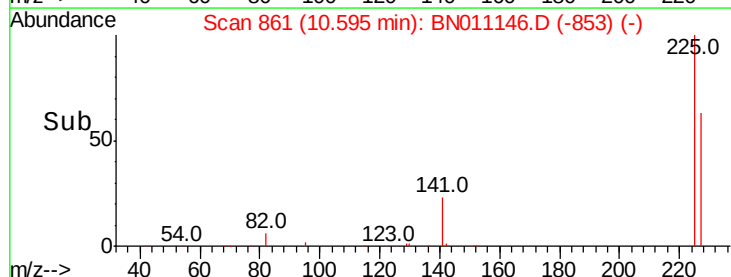
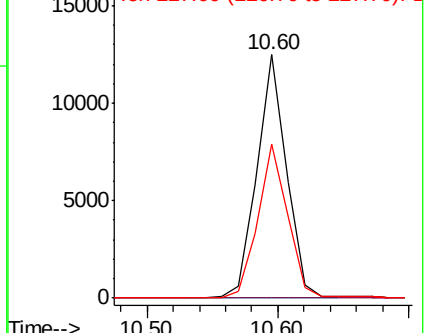


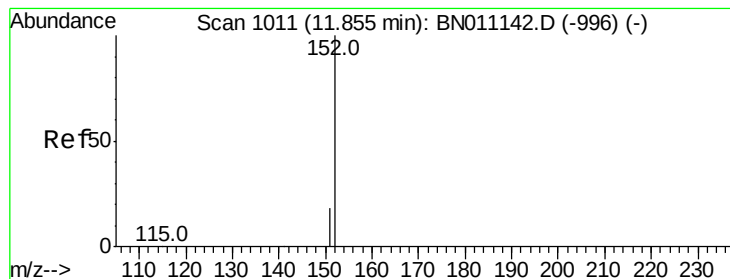
Abundance

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: 4.489 ng

RT: 11.85 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

BNA_N

ClientSampleId :

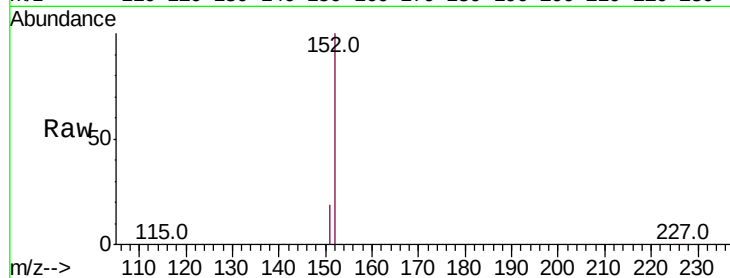
SSTDICC5.0

Tot Ion:152 Resp: 46394

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

30000

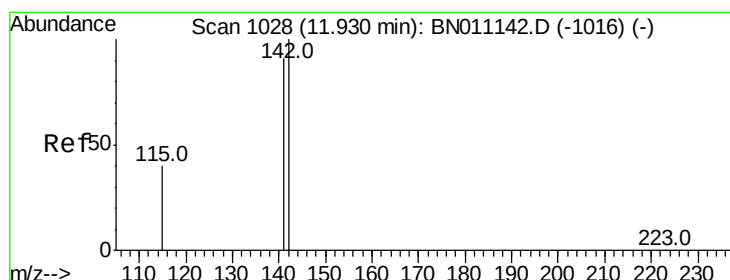
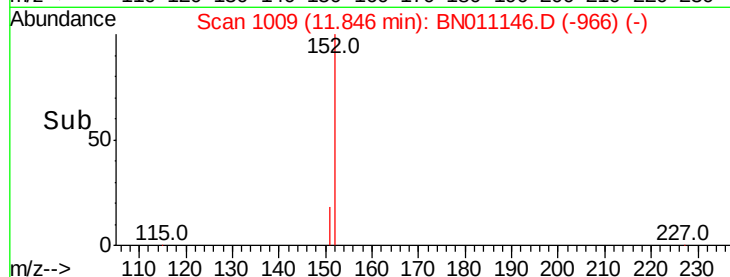
20000

10000

0

11.85

Time-->



#12

2-Methylnaphthalene

Concen: 4.497 ng

RT: 11.92 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

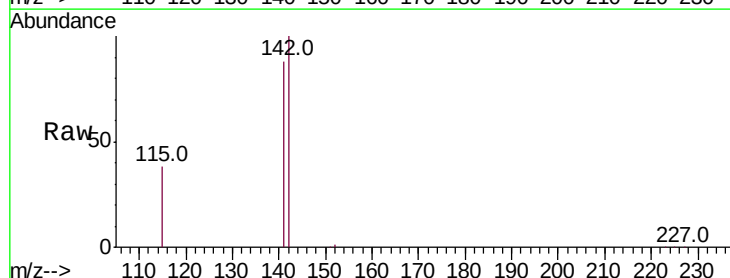
Tgt Ion:142 Resp: 53607

Ion Ratio Lower Upper

142 100

141 87.6 72.7 109.1

115 37.8 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

40000

30000

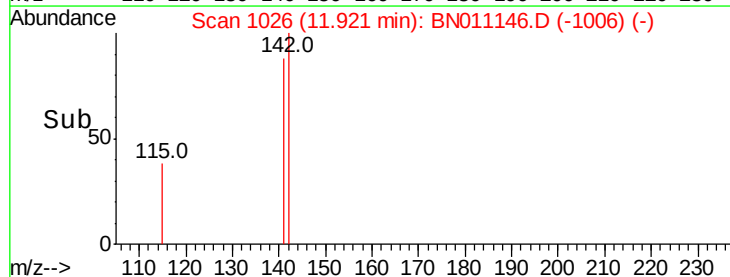
20000

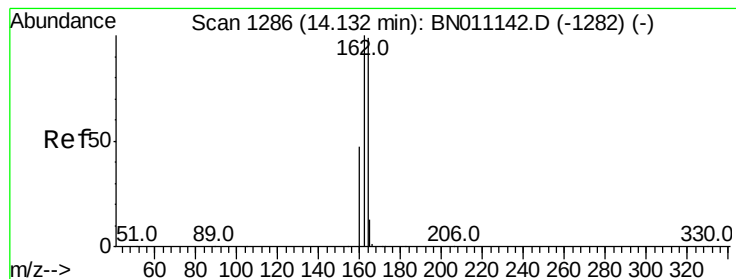
10000

0

11.92

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

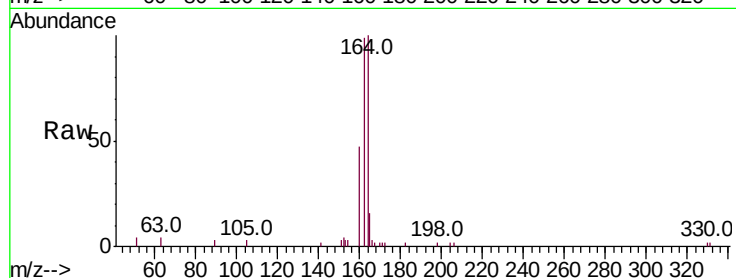
BNA_N

ClientSampled :

SSTDICC5.0

Tot Ion:164 Resp: 3222

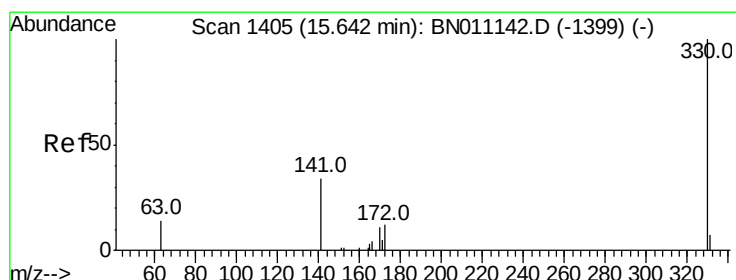
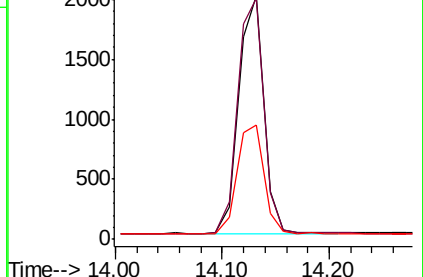
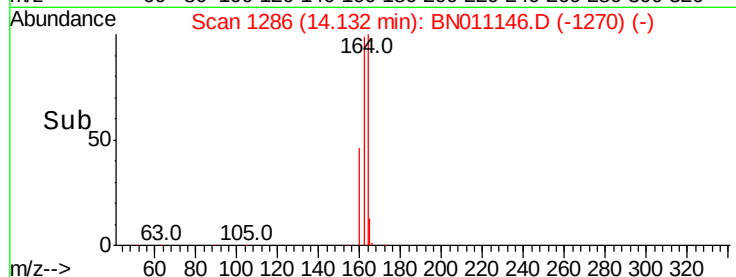
Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.0	121.4
160	46.7	39.0	58.6



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: 5.657 ng

RT: 15.63 min Scan# 1404

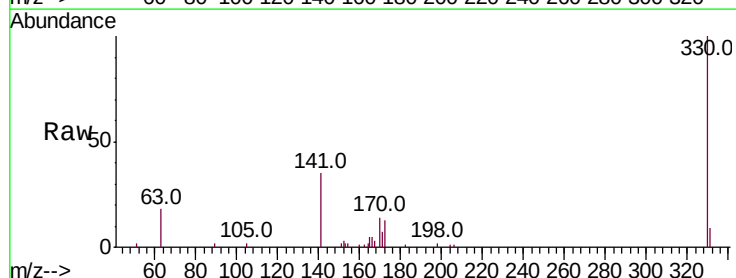
Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Tgt Ion:330 Resp: 7656

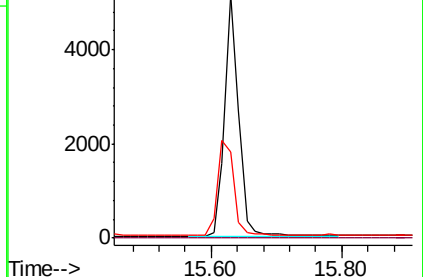
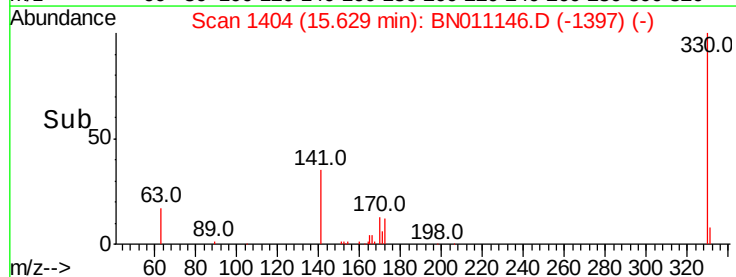
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	45.5	31.5	47.3

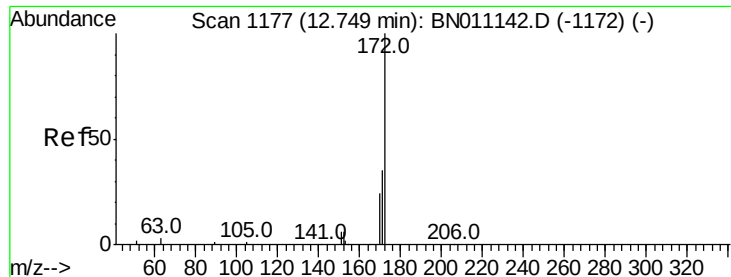


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 4.473 ng

RT: 12.74 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

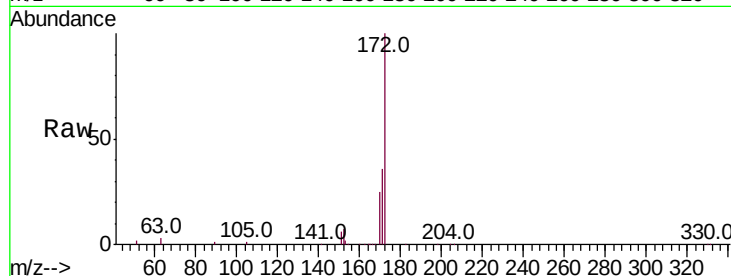
BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:172 Resp: 67875

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	24.7	20.3	30.5

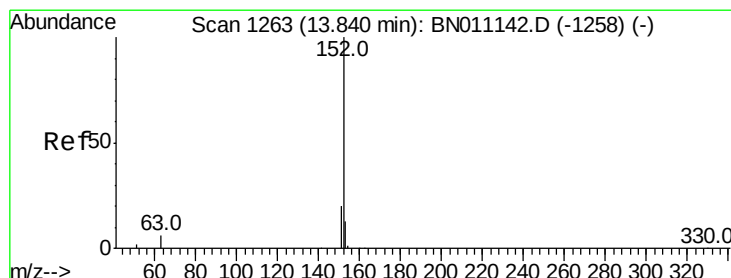
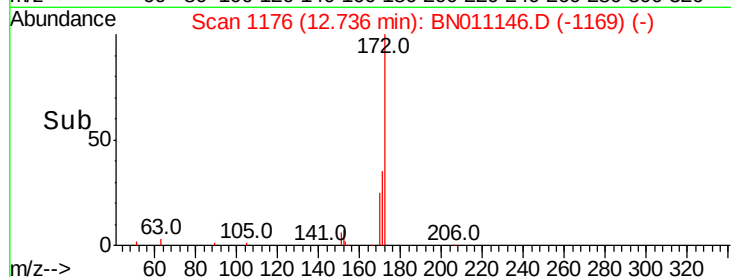
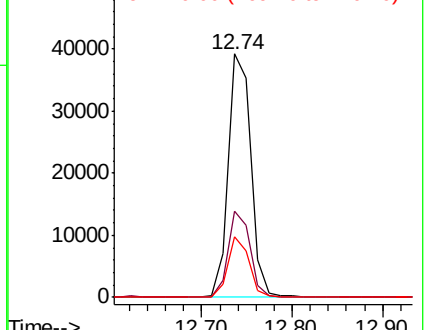


Abundance

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: 4.804 ng

RT: 13.84 min Scan# 1263

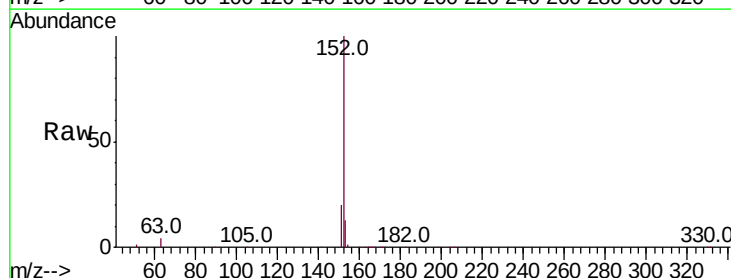
Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Tgt Ion:152 Resp: 77608

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.6	15.8

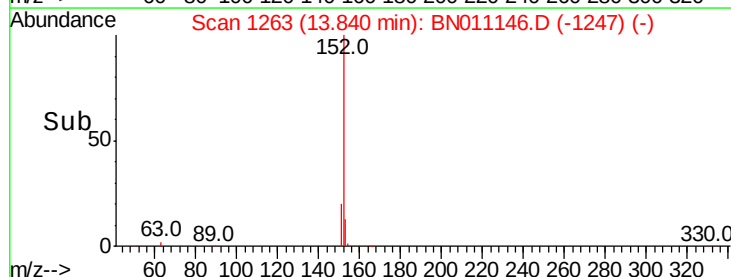
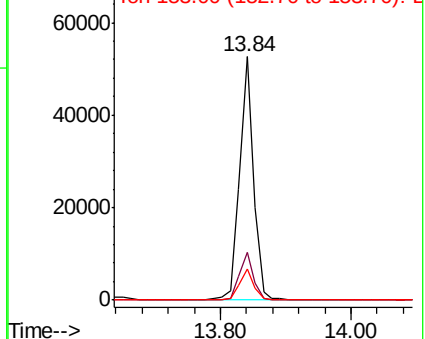


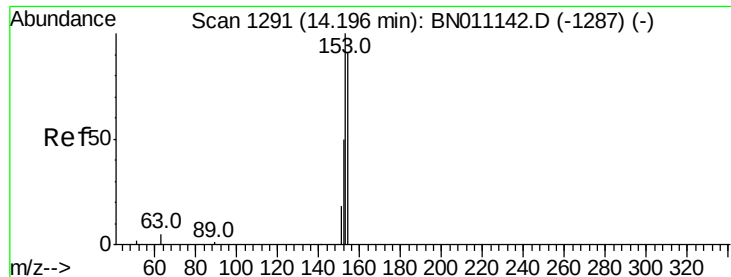
Abundance

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: 4.451 ng

RT: 14.18 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

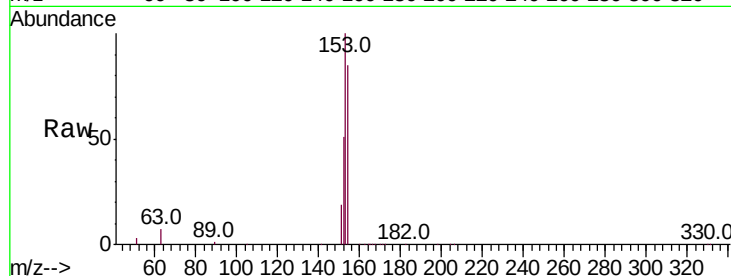
Tot Ion:154 Resp: 48731

Ion Ratio Lower Upper

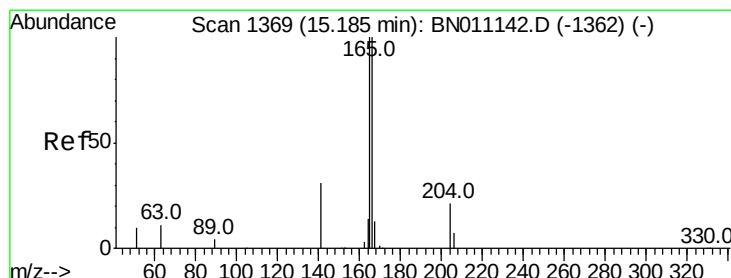
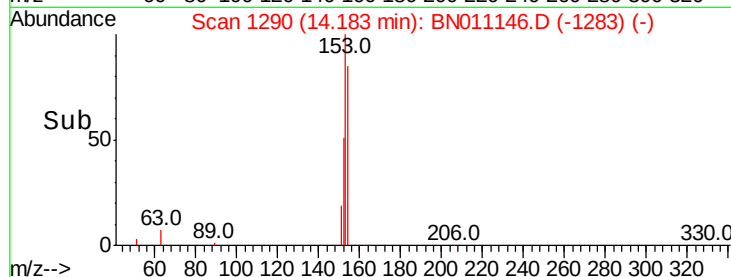
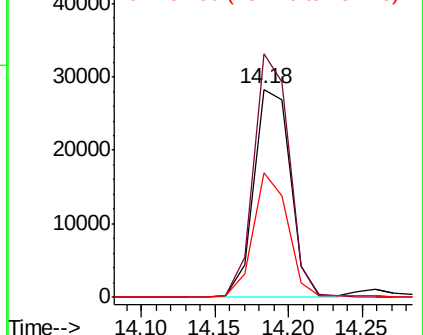
154 100

153 113.7 91.3 136.9

152 56.6 46.6 69.8



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: 5.117 ng

RT: 15.19 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

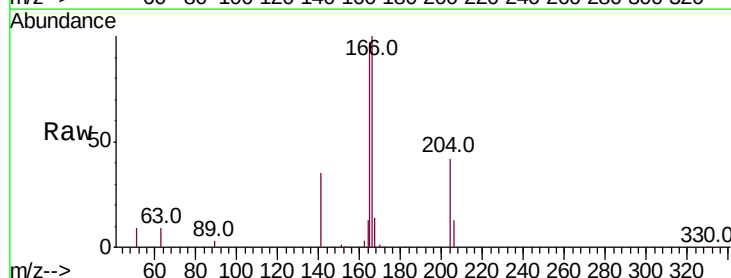
Tgt Ion:166 Resp: 70002

Ion Ratio Lower Upper

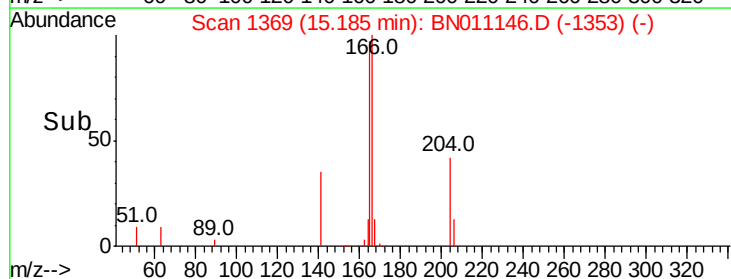
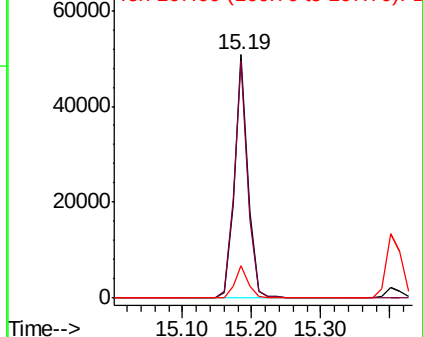
166 100

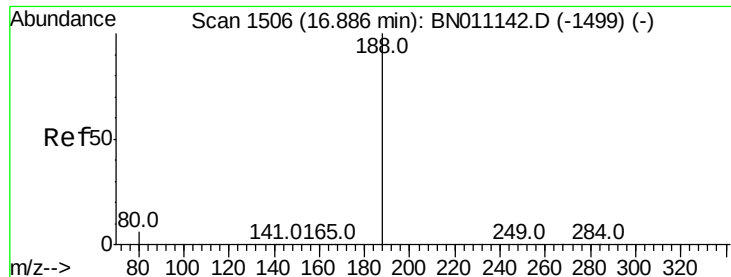
165 97.9 79.1 118.7

167 13.5 10.5 15.7



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: 16.89 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

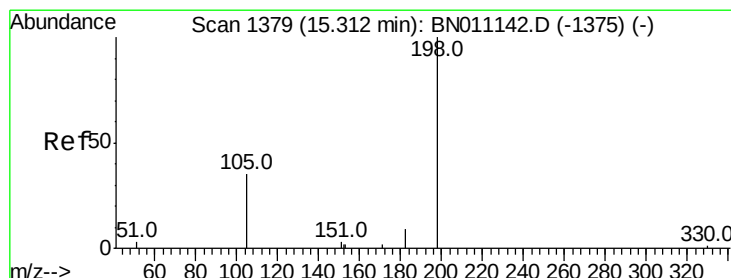
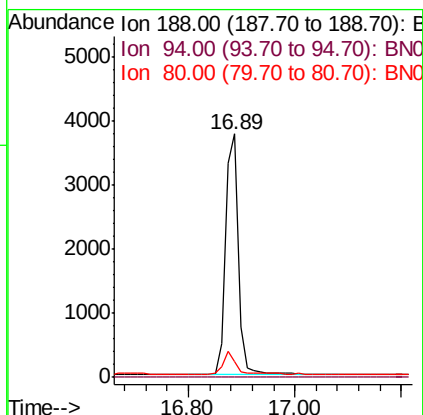
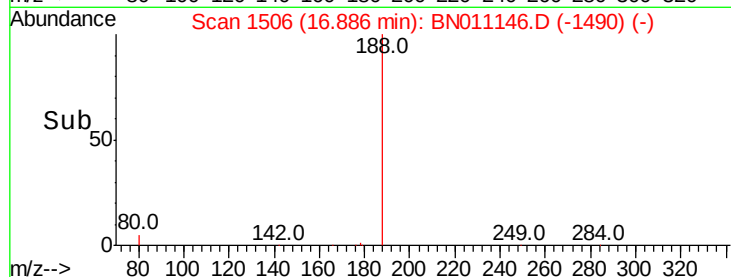
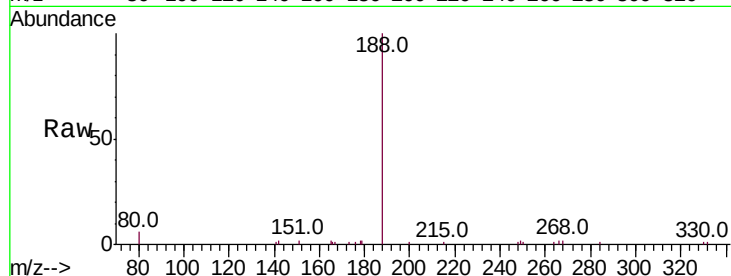
Tot Ion:188 Resp: 6328

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.3 6.3 9.5#



#20

4,6-Dinitro-2-methylphenol

Concen: 10.126 ng

RT: 15.27 min Scan# 1376

Delta R.T. -0.04 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

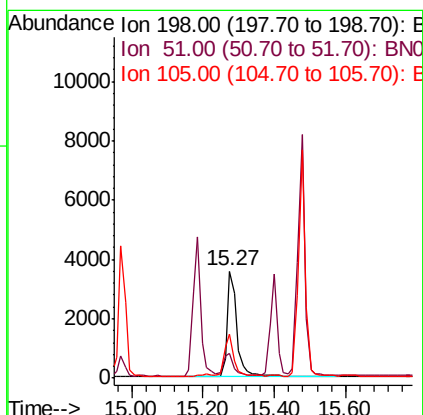
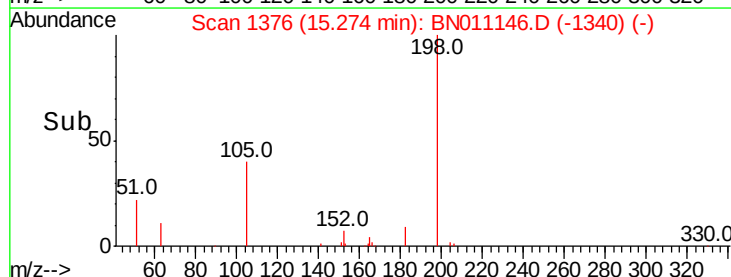
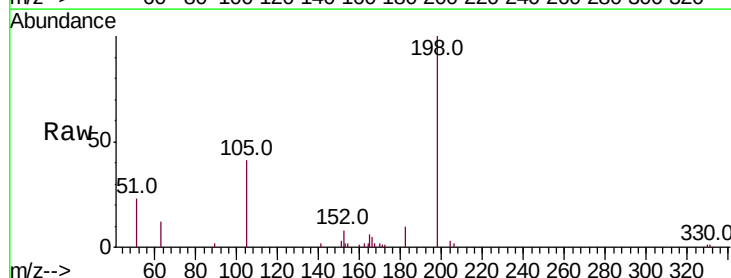
Tgt Ion:198 Resp: 6845

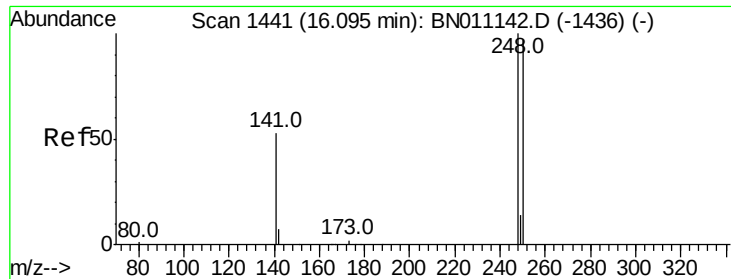
Ion Ratio Lower Upper

198 100

51 23.3 53.1 79.7#

105 40.9 51.9 77.9#

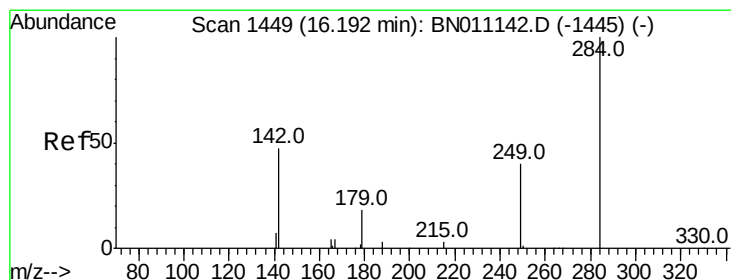
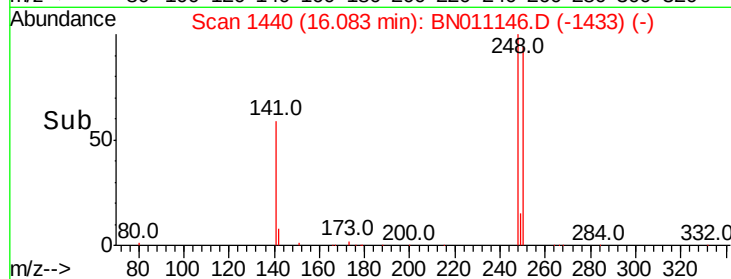
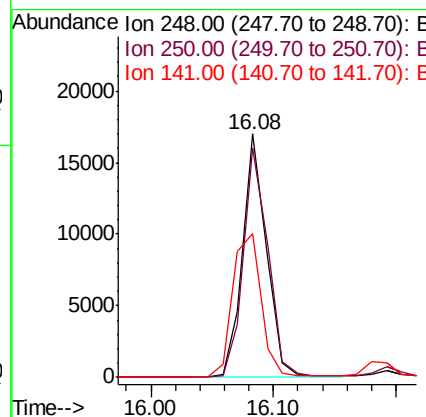
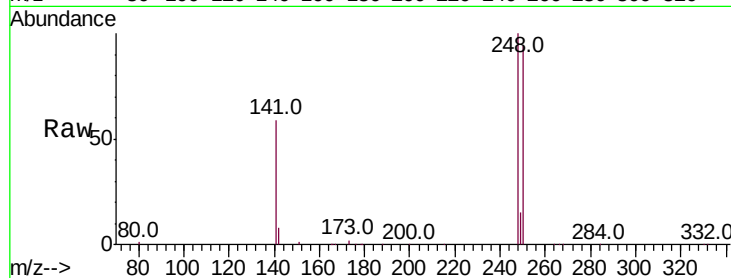




#21
4-Bromophenyl-phenylether
Concen: 5.412 ng
RT: 16.08 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN011146.D
Acq: 10 Jul 2020 13:09

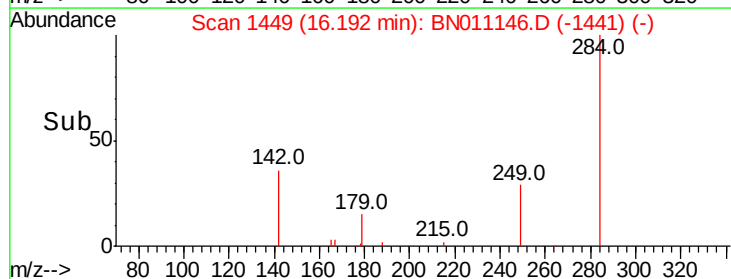
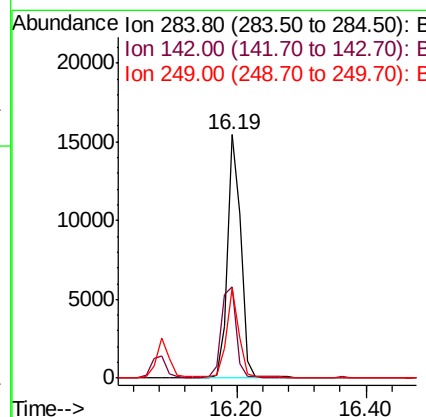
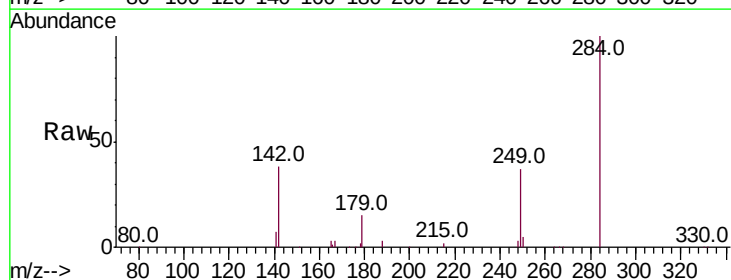
Instrument :
BNA_N
ClientSampled :
SSTDIC5.0

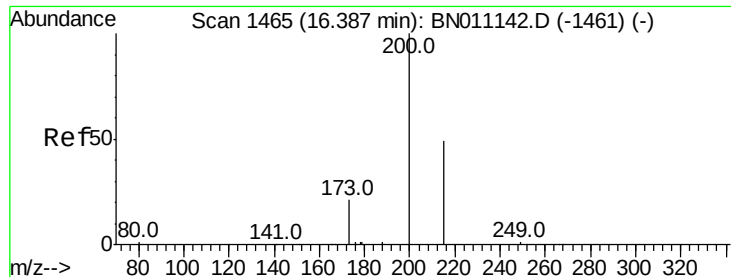
Tot Ion:248 Resp: 22765
Ion Ratio Lower Upper
248 100
250 94.4 78.4 117.6
141 59.3 45.1 67.7



#22
Hexachlorobenzene
Concen: 4.475 ng
RT: 16.19 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BN011146.D
Acq: 10 Jul 2020 13:09

Tgt Ion:284 Resp: 22181
Ion Ratio Lower Upper
284 100
142 41.8 32.6 48.8
249 34.0 28.4 42.6

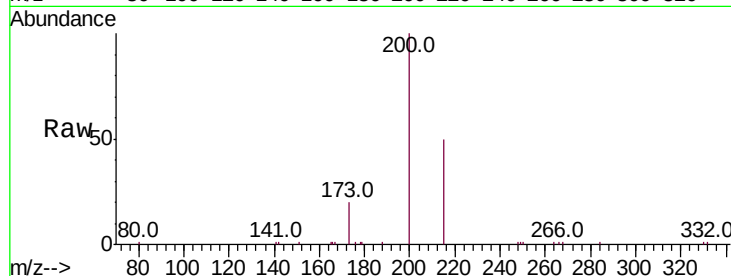




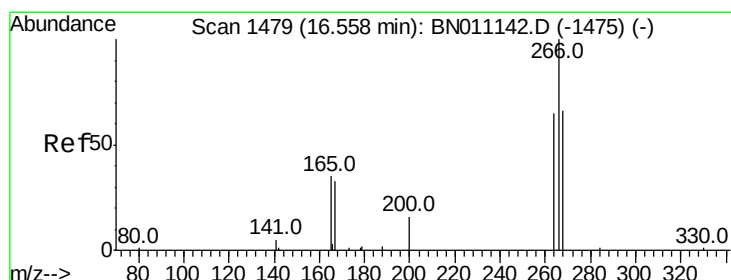
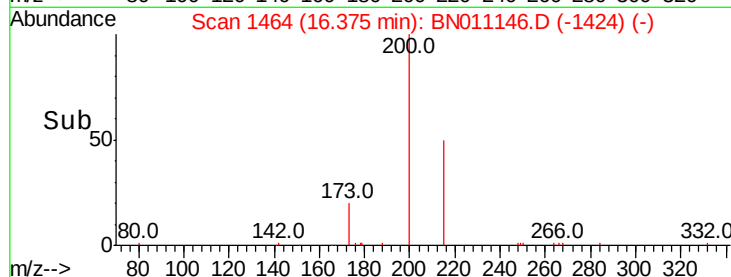
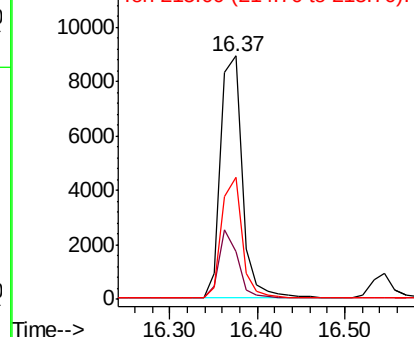
#23
Atrazine
Concen: 5.175 ng
RT: 16.37 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BN011146.D
Acq: 10 Jul 2020 13:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tot Ion:200 Resp: 15387
Ion Ratio Lower Upper
200 100
173 19.7 23.0 34.4#
215 50.0 42.6 63.8

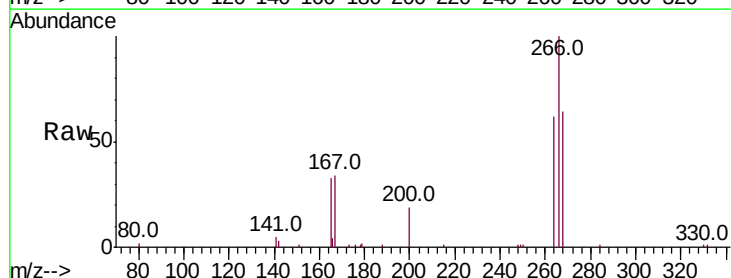


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

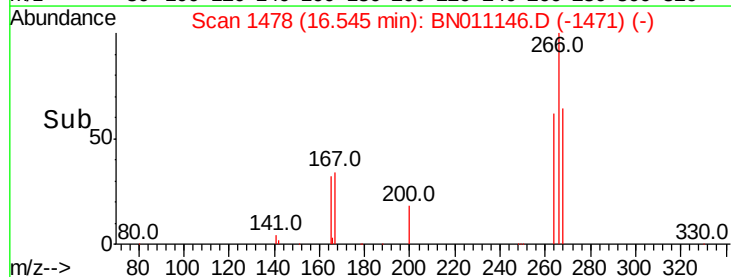
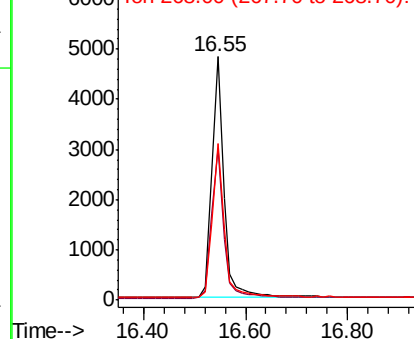


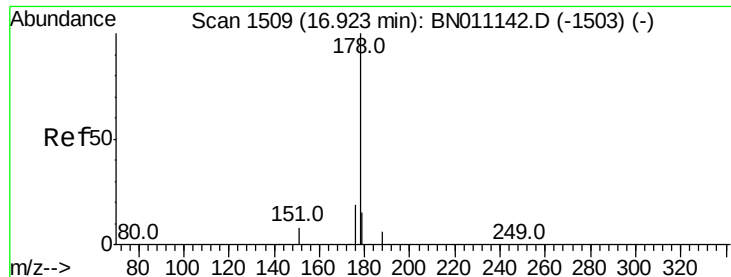
#24
Pentachlorophenol
Concen: 5.990 ng
RT: 16.55 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BN011146.D
Acq: 10 Jul 2020 13:09

Tgt Ion:266 Resp: 7991
Ion Ratio Lower Upper
266 100
264 63.0 52.5 78.7
268 62.9 48.9 73.3



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: 4.706 ng

RT: 16.92 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

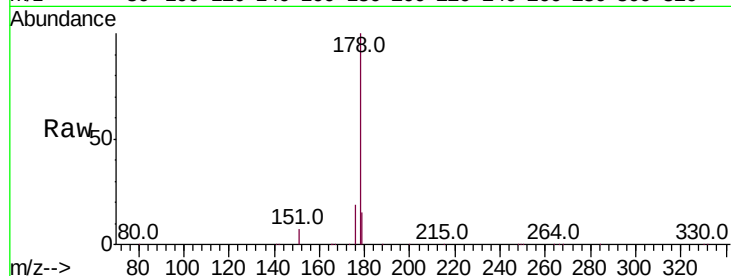
Tot Ion:178 Resp: 96448

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

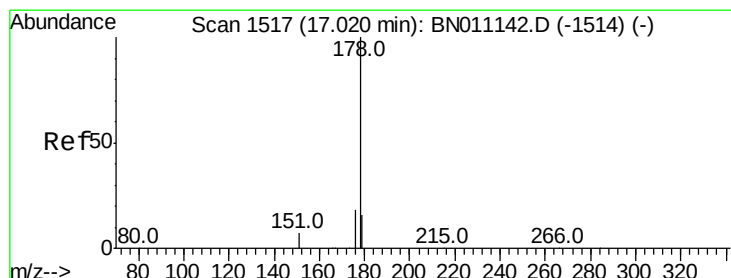
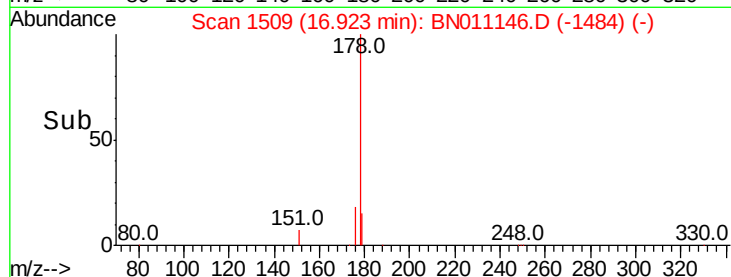
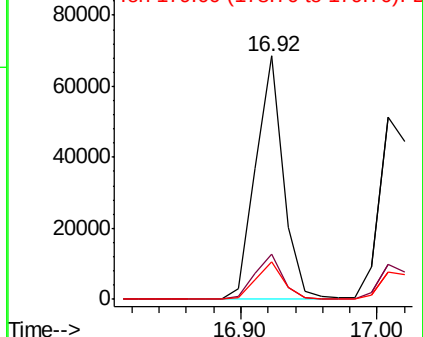
179 15.2 12.6 18.8



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: 5.143 ng

RT: 17.01 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

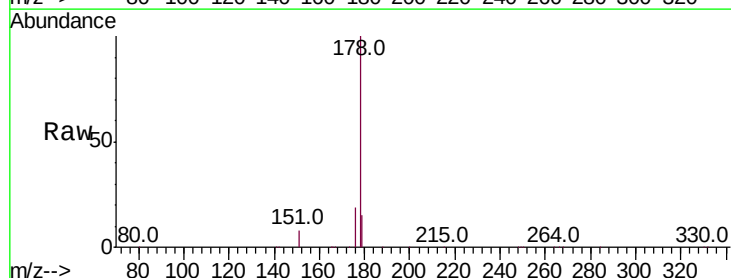
Tgt Ion:178 Resp: 87211

Ion Ratio Lower Upper

178 100

176 18.3 14.5 21.7

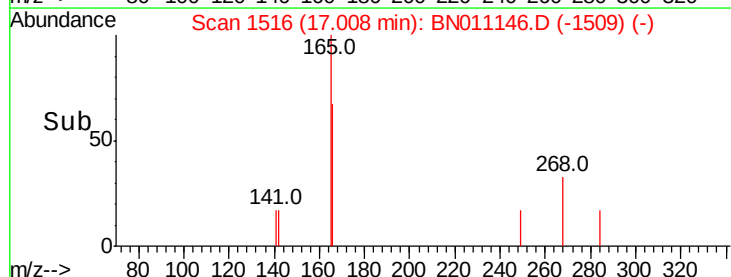
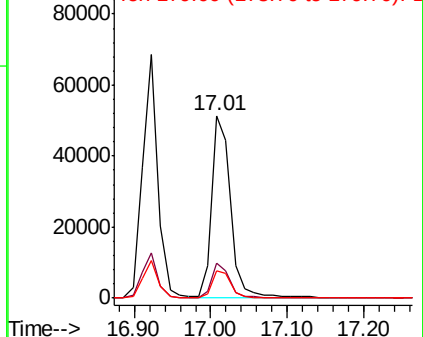
179 15.3 12.0 18.0

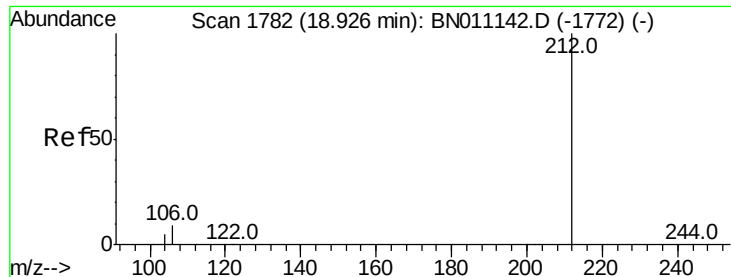


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 4.834 ng

RT: 18.92 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

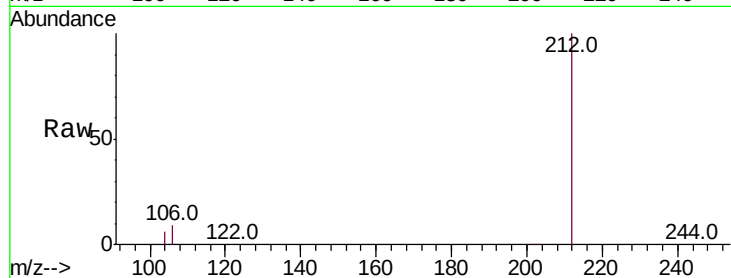
Tot Ion:212 Resp: 92508

Ion Ratio Lower Upper

212 100

106 9.1 7.0 10.6

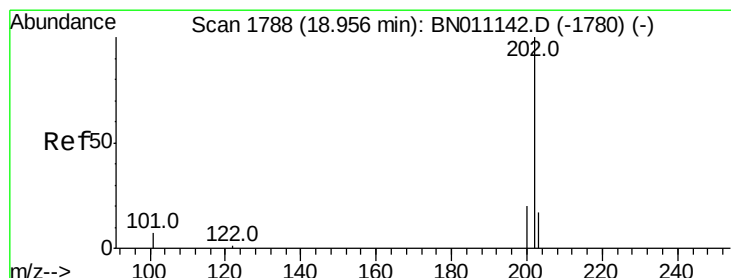
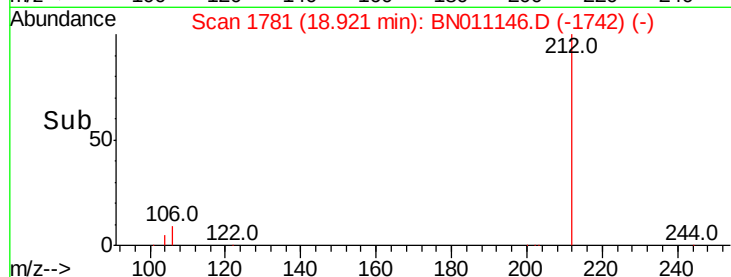
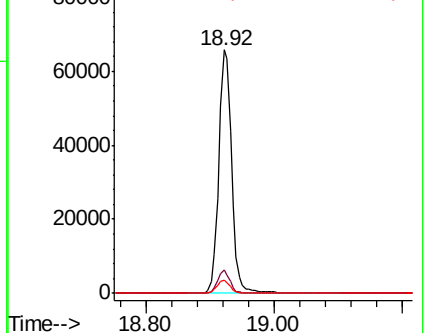
104 5.3 4.2 6.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#28

Fluoranthene

Concen: 4.959 ng

RT: 18.95 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

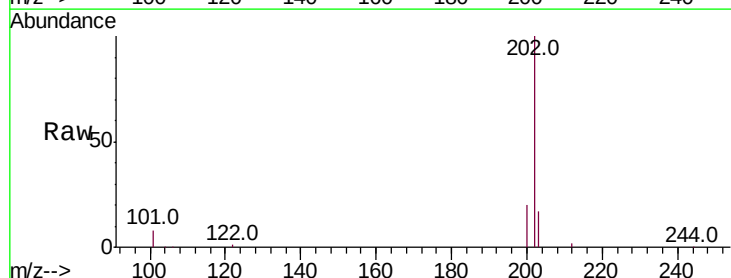
Tgt Ion:202 Resp: 114278

Ion Ratio Lower Upper

202 100

101 7.9 5.9 8.9

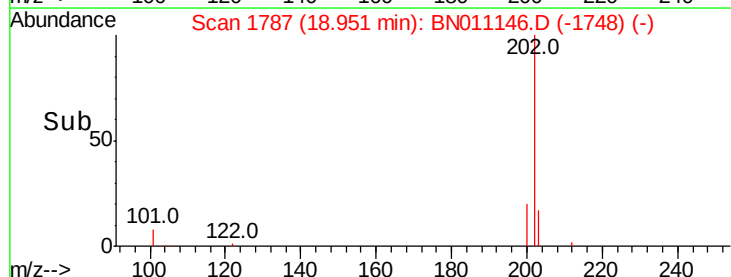
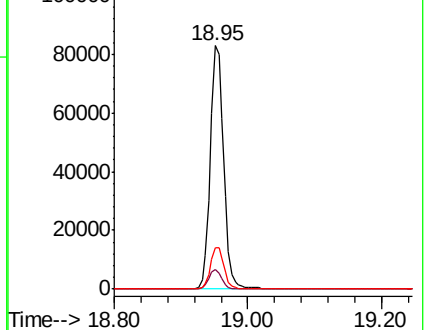
203 17.3 13.6 20.4

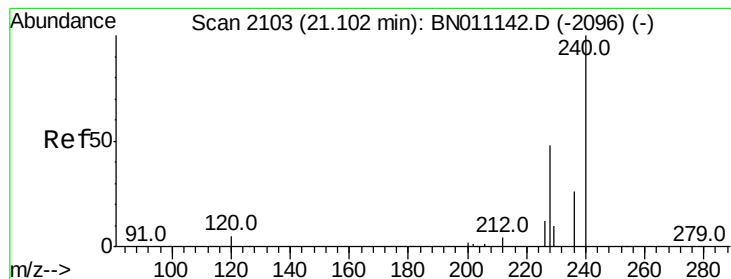


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

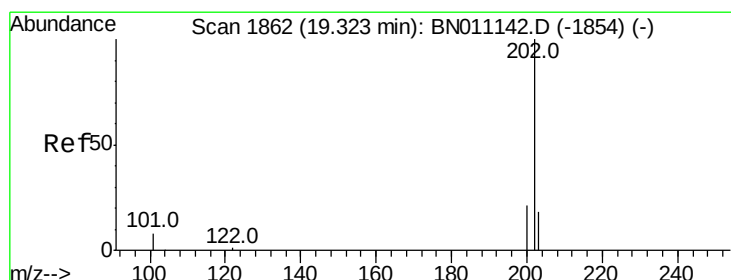
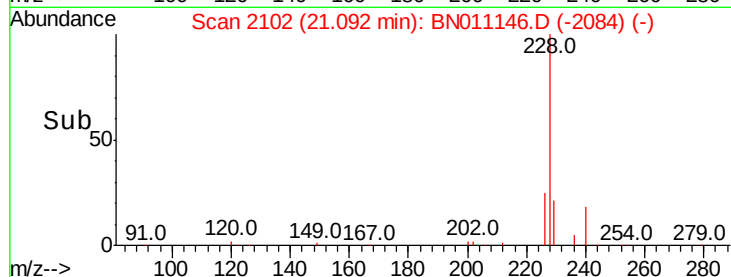
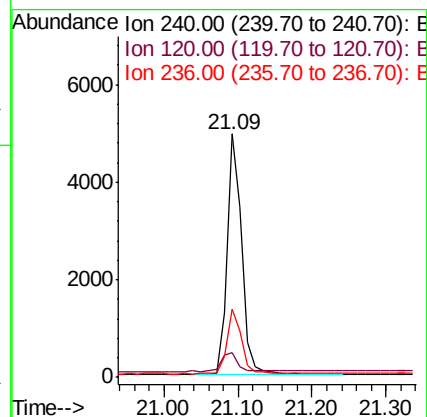
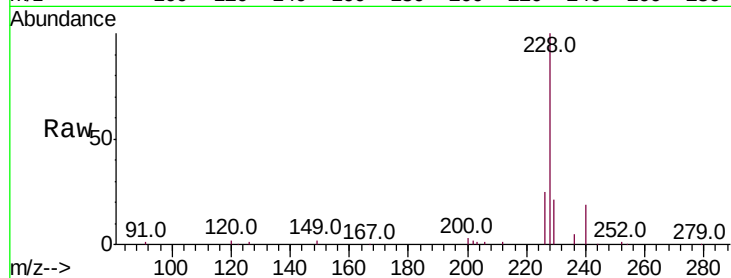
Tot Ion:240 Resp: 6921

Ion Ratio Lower Upper

240 100

120 10.3 6.5 9.7#

236 27.9 21.9 32.9



#30

Pyrene

Concen: 4.407 ng

RT: 19.32 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

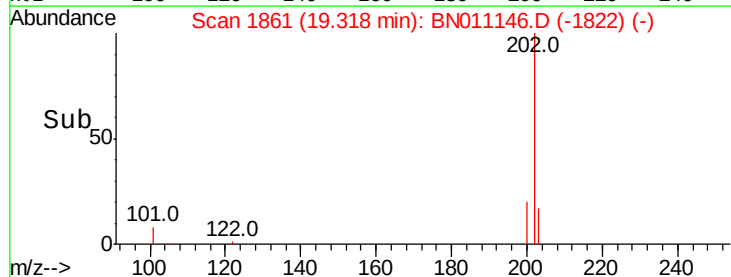
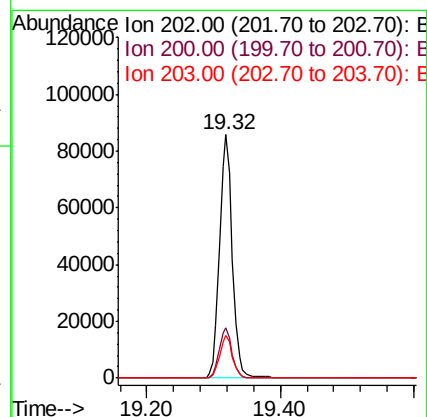
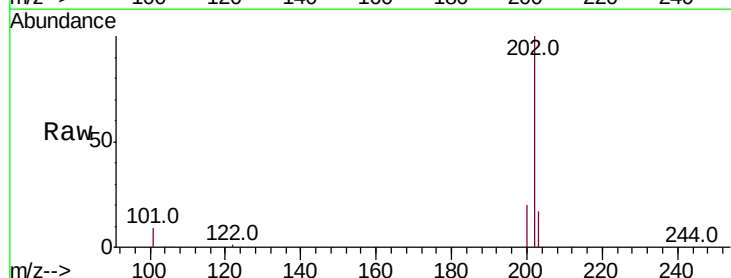
Tgt Ion:202 Resp: 113795

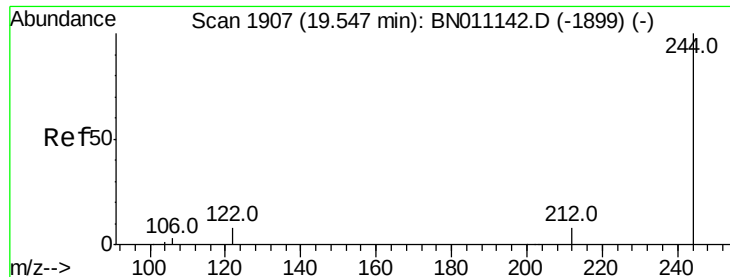
Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

203 17.4 14.2 21.4

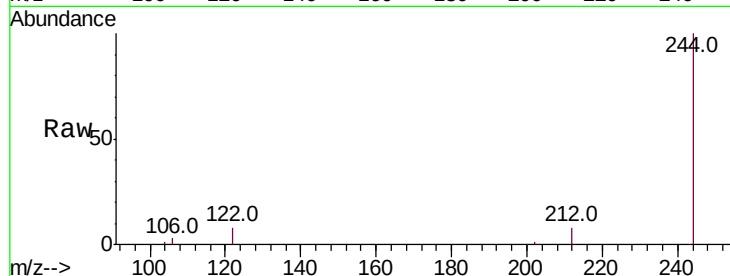




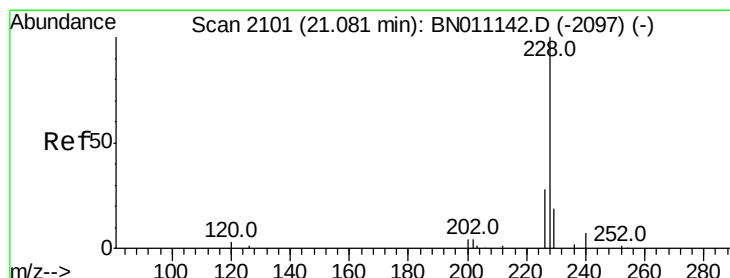
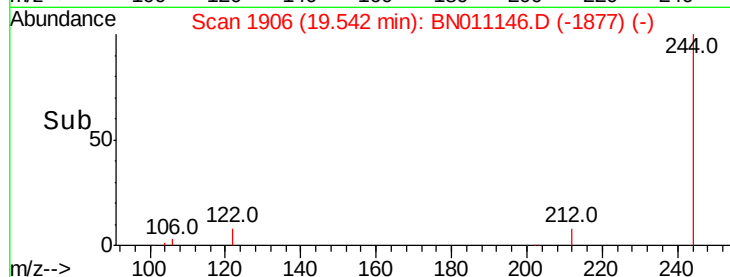
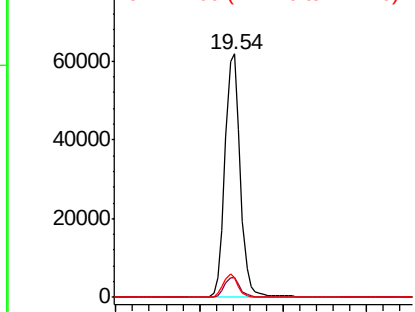
#31
 Terphenyl-d14
 Concen: 4.363 ng
 RT: 19.54 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BN011146.D
 Acq: 10 Jul 2020 13:09

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tot Ion:244 Resp: 78618
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.8 11.6
 122 8.2 7.4 11.0

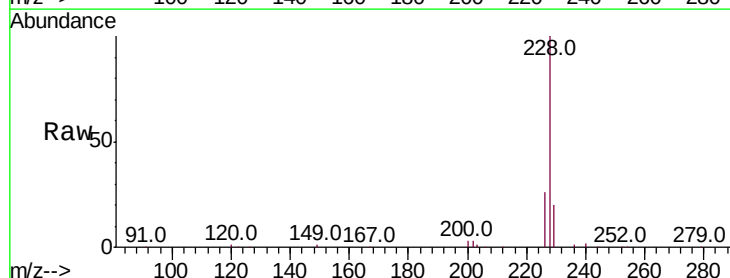


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

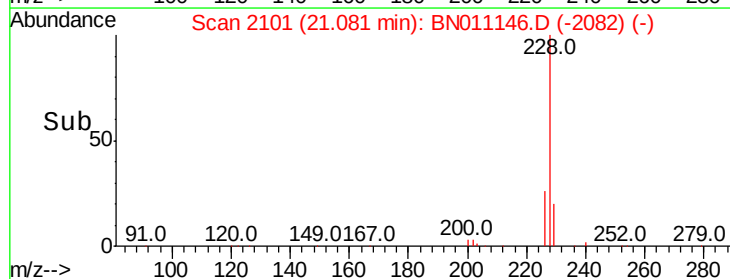
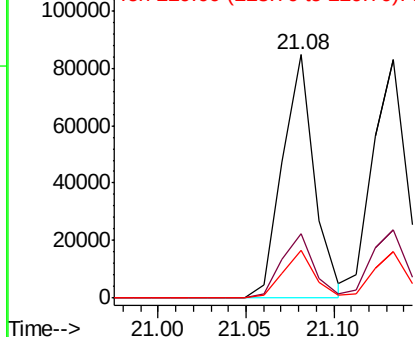


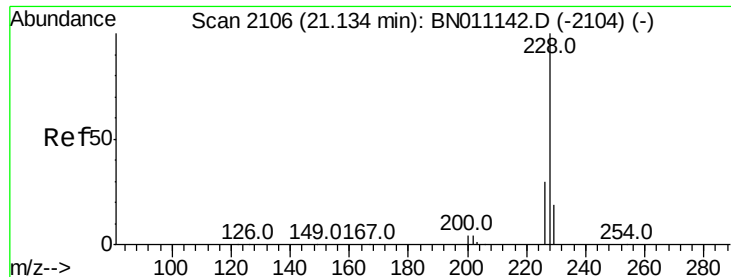
#32
 Benzo(a)anthracene
 Concen: 4.650 ng
 RT: 21.08 min Scan# 2101
 Delta R.T. -0.00 min
 Lab File: BN011146.D
 Acq: 10 Jul 2020 13:09

Tgt Ion:228 Resp: 107537
 Ion Ratio Lower Upper
 228 100
 226 26.2 23.2 34.8
 229 19.8 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: 4.315 ng

RT: 21.13 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

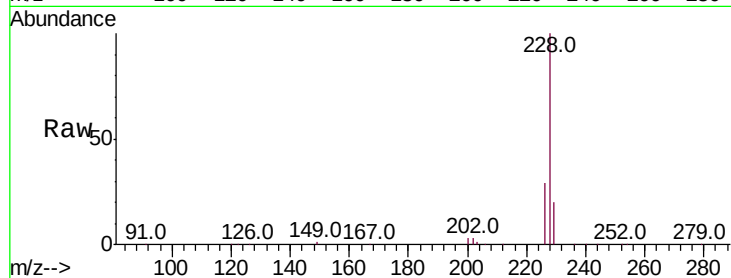
BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:228 Resp: 114519

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.0	36.0
229	19.8	16.2	24.4

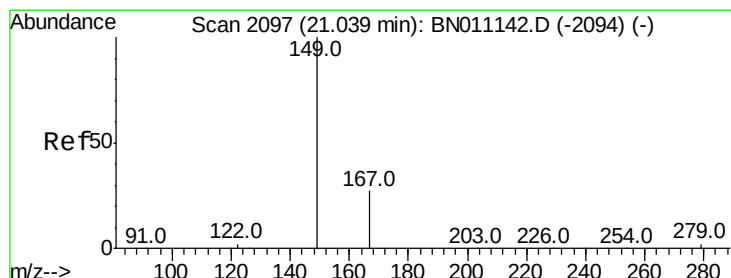
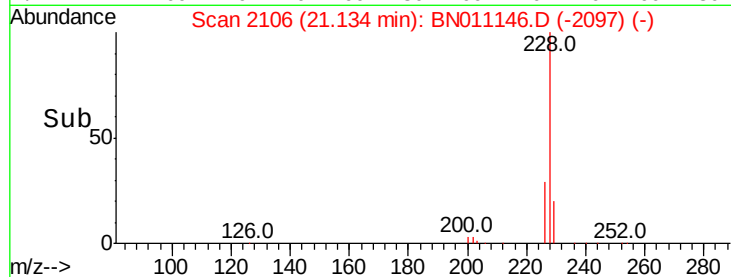
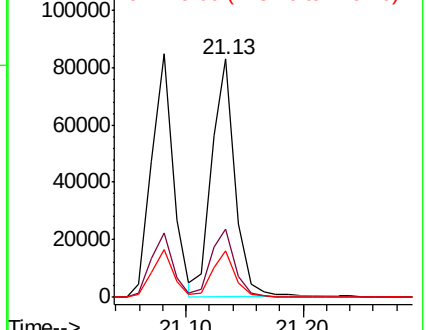


Abundance

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: 4.396 ng

RT: 21.04 min Scan# 2097

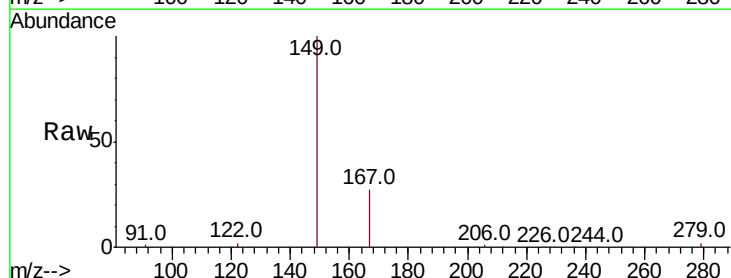
Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Tgt Ion:149 Resp: 41106

Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.4	35.0
279	4.6	4.5	6.7

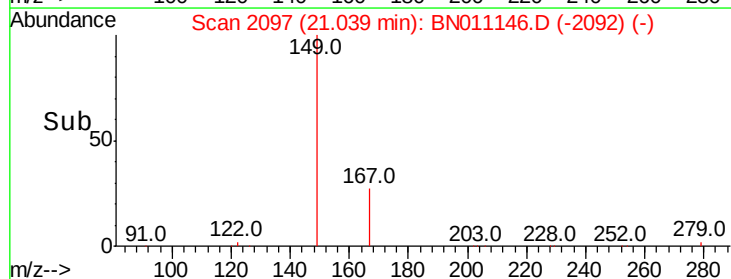
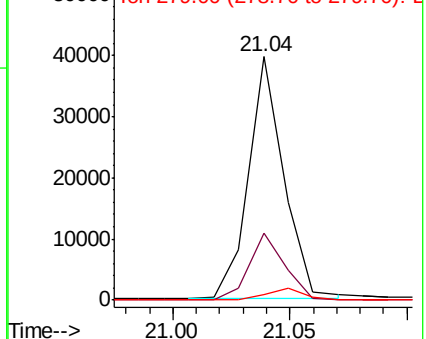


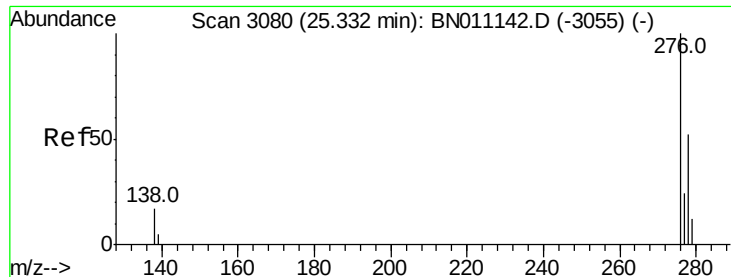
Abundance

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: 4.554 ng

RT: 25.32 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

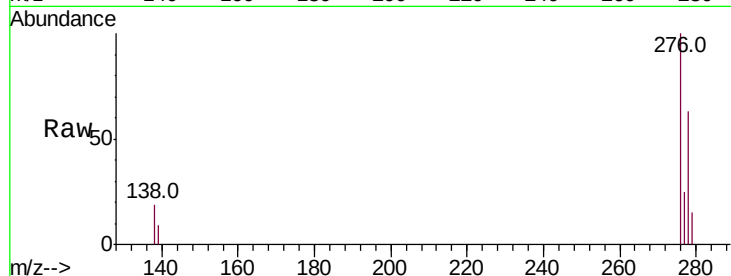
Tot Ion:276 Resp: 126344

Ion Ratio Lower Upper

276 100

138 19.4 13.0 19.6

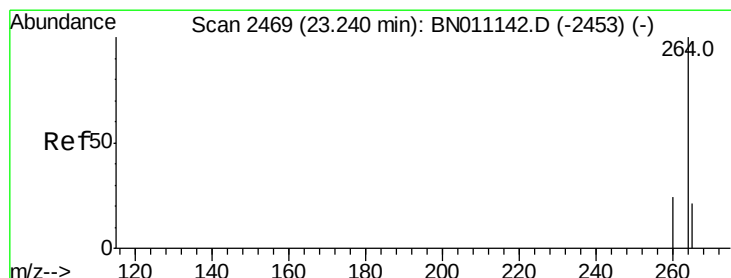
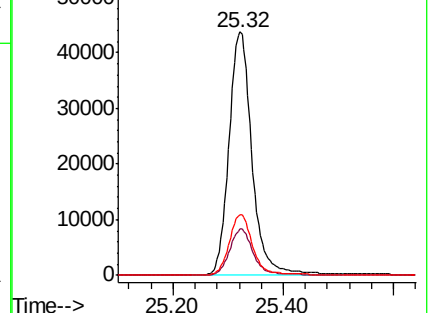
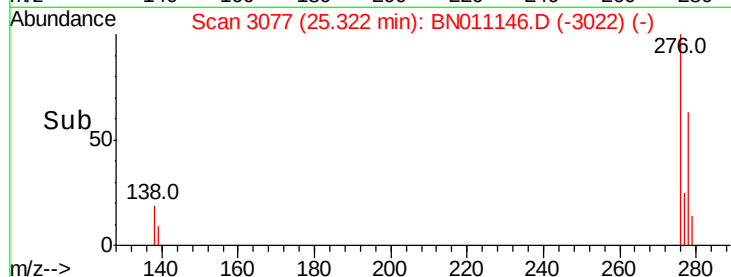
277 25.0 19.7 29.5



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: 23.23 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

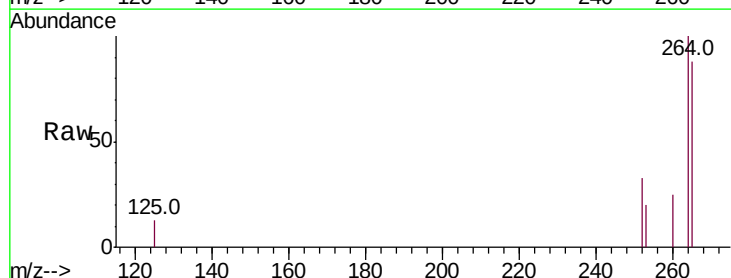
Tgt Ion:264 Resp: 5816

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

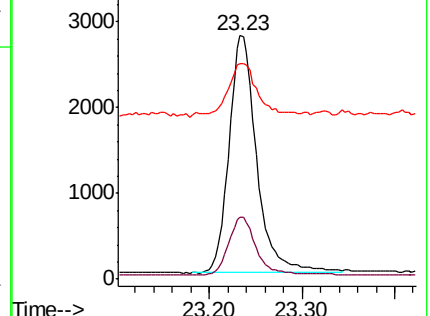
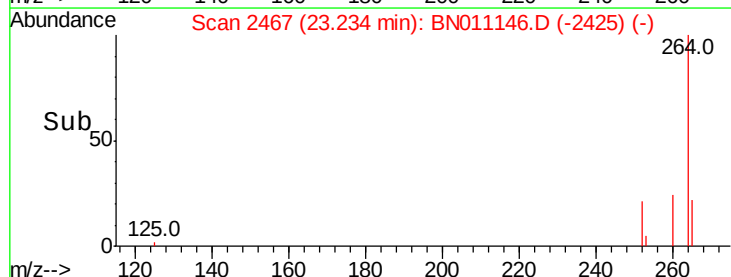
265 88.5 76.6 115.0

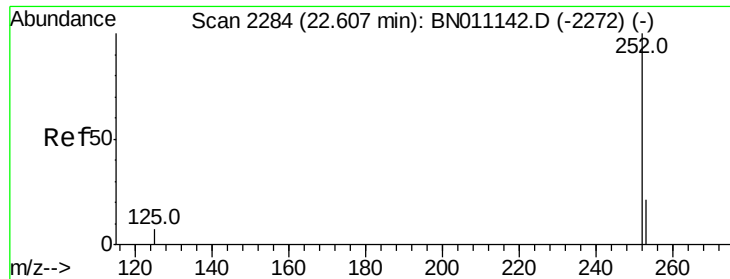


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 4.902 ng

RT: 22.60 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

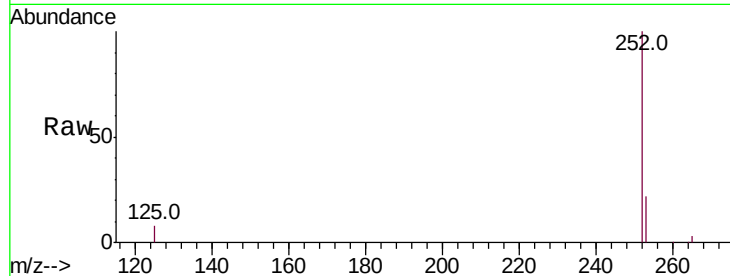
Tot Ion:252 Resp: 114265

Ion Ratio Lower Upper

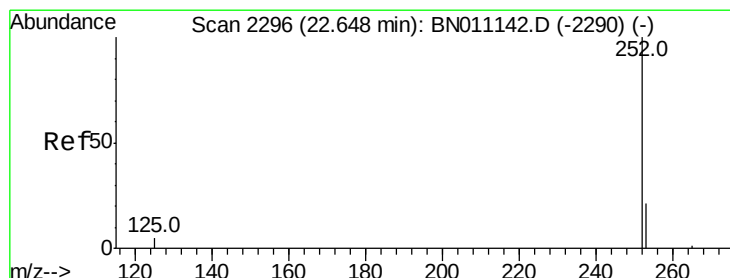
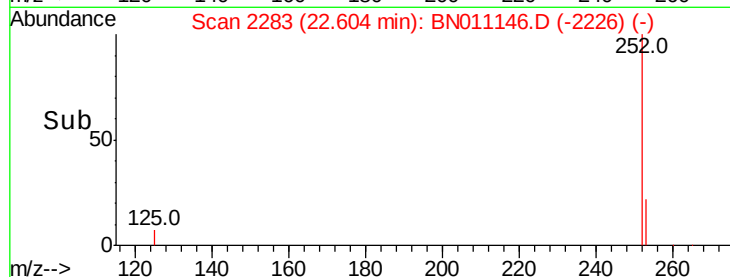
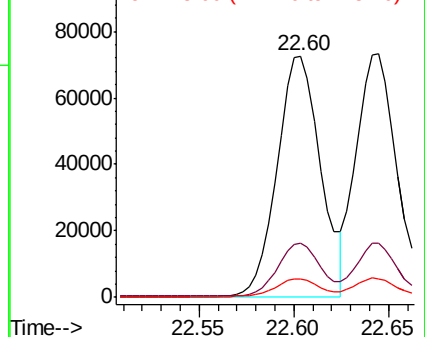
252 100

253 22.4 22.6 34.0#

125 7.7 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: 4.557 ng

RT: 22.64 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

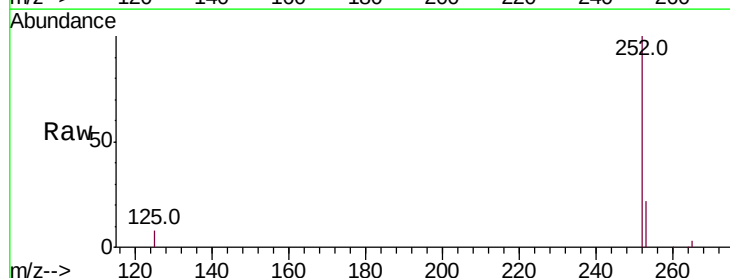
Tgt Ion:252 Resp: 113722

Ion Ratio Lower Upper

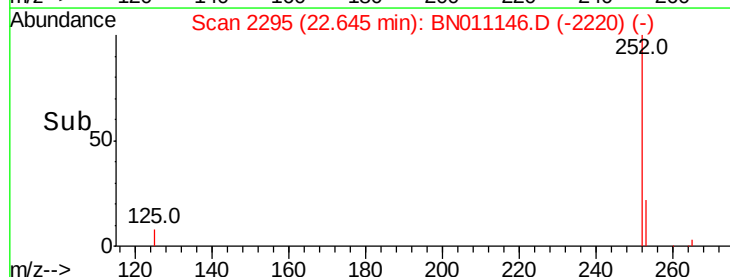
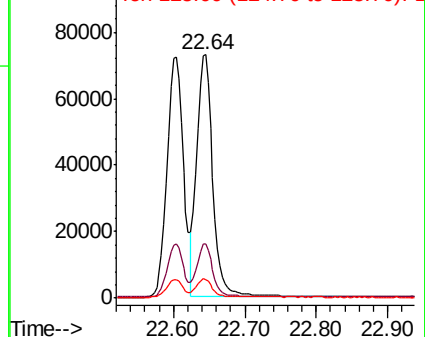
252 100

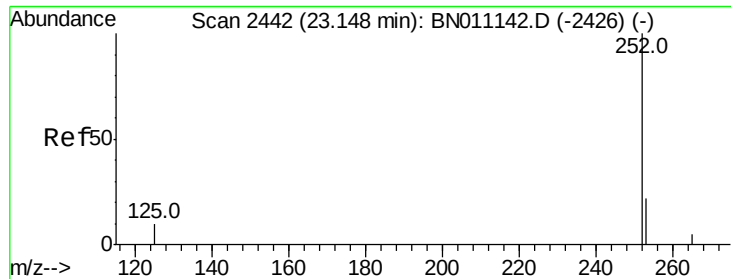
253 22.3 22.2 33.4

125 7.7 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: 4.845 ng

RT: 23.14 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

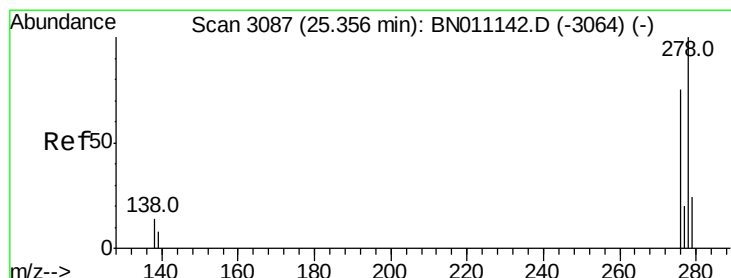
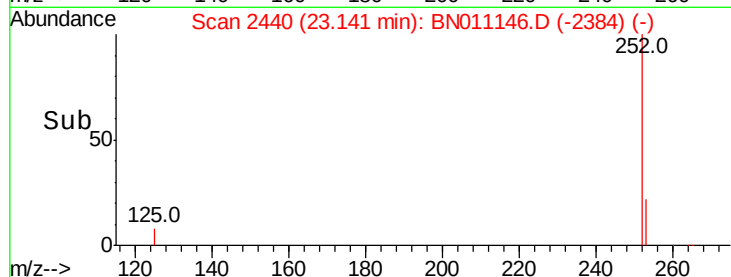
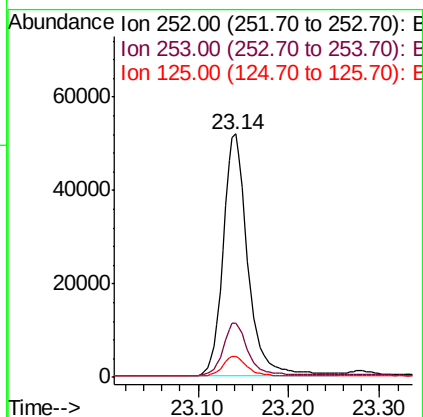
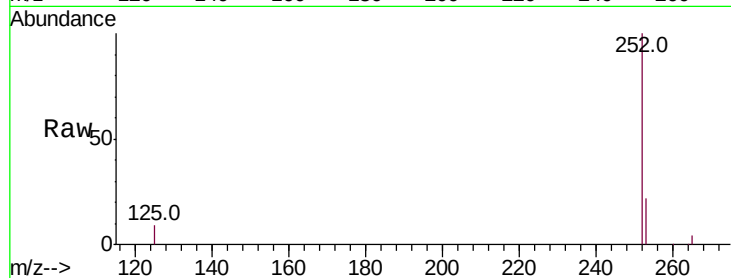
Tot Ion:252 Resp: 97353

Ion Ratio Lower Upper

252 100

253 22.5 25.8 38.6#

125 8.6 13.4 20.0#



#40

Dibenzo(a,h)anthracene

Concen: 5.015 ng

RT: 25.33 min Scan# 3080

Delta R.T. -0.02 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

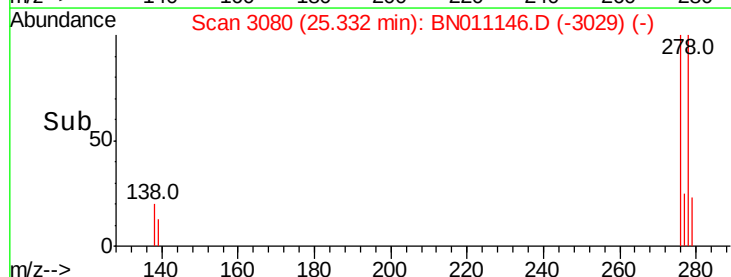
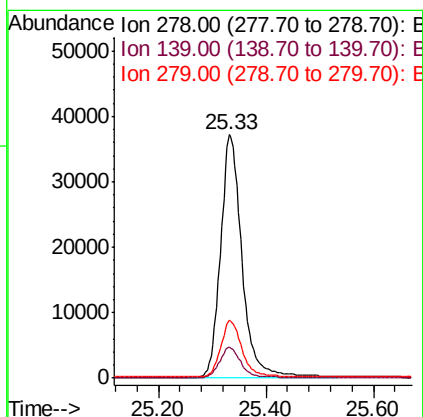
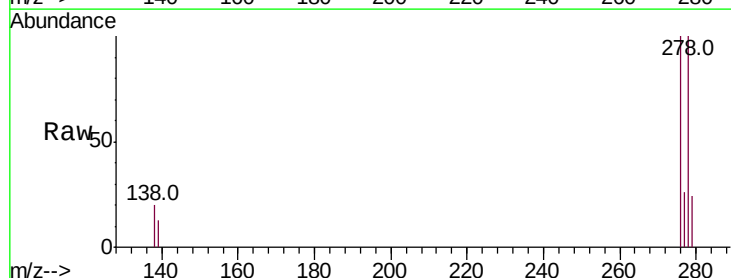
Tgt Ion:278 Resp: 103252

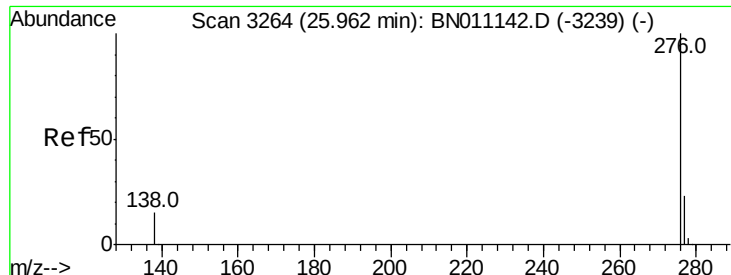
Ion Ratio Lower Upper

278 100

139 12.8 11.7 17.5

279 23.6 25.0 37.6#





#41

Benzo(a,h,i)perylene

Concen: 4.665 ng

RT: 25.95 min Scan# 3261

Delta R.T. -0.01 min

Lab File: BN011146.D

Acq: 10 Jul 2020 13:09

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

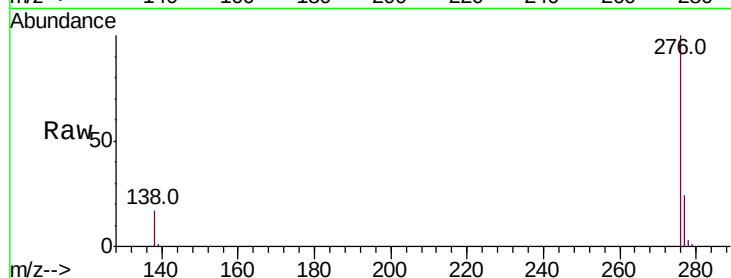
Tot Ion:276 Resp: 105830

Ion Ratio Lower Upper

276 100

277 23.7 20.5 30.7

138 16.5 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

