

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
 Data File : BN011143.D
 Acq On : 10 Jul 2020 11:22
 Operator : CG/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jul 10 11:53:09 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	1648	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	5640	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	2929	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	5435	0.40	ng	0.00
29) Chrysene-d12	21.10	240	5135	0.40	ng	0.00
36) Perylene-d12	23.24	264	4705	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	3014	0.73	ng	0.00
5) Phenol-d6	6.71	99	3573	0.76	ng	0.00
8) Nitrobenzene-d5	8.64	82	3579	0.75	ng	-0.01
11) 2-Methylnaphthalene-d10	11.85	152	6756	0.69	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	888	0.72	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	11089	0.80	ng	0.00
27) Fluoranthene-d10	18.93	212	12208	0.74	ng	0.00
31) Terphenyl-d14	19.55	244	10145	0.76	ng	0.00

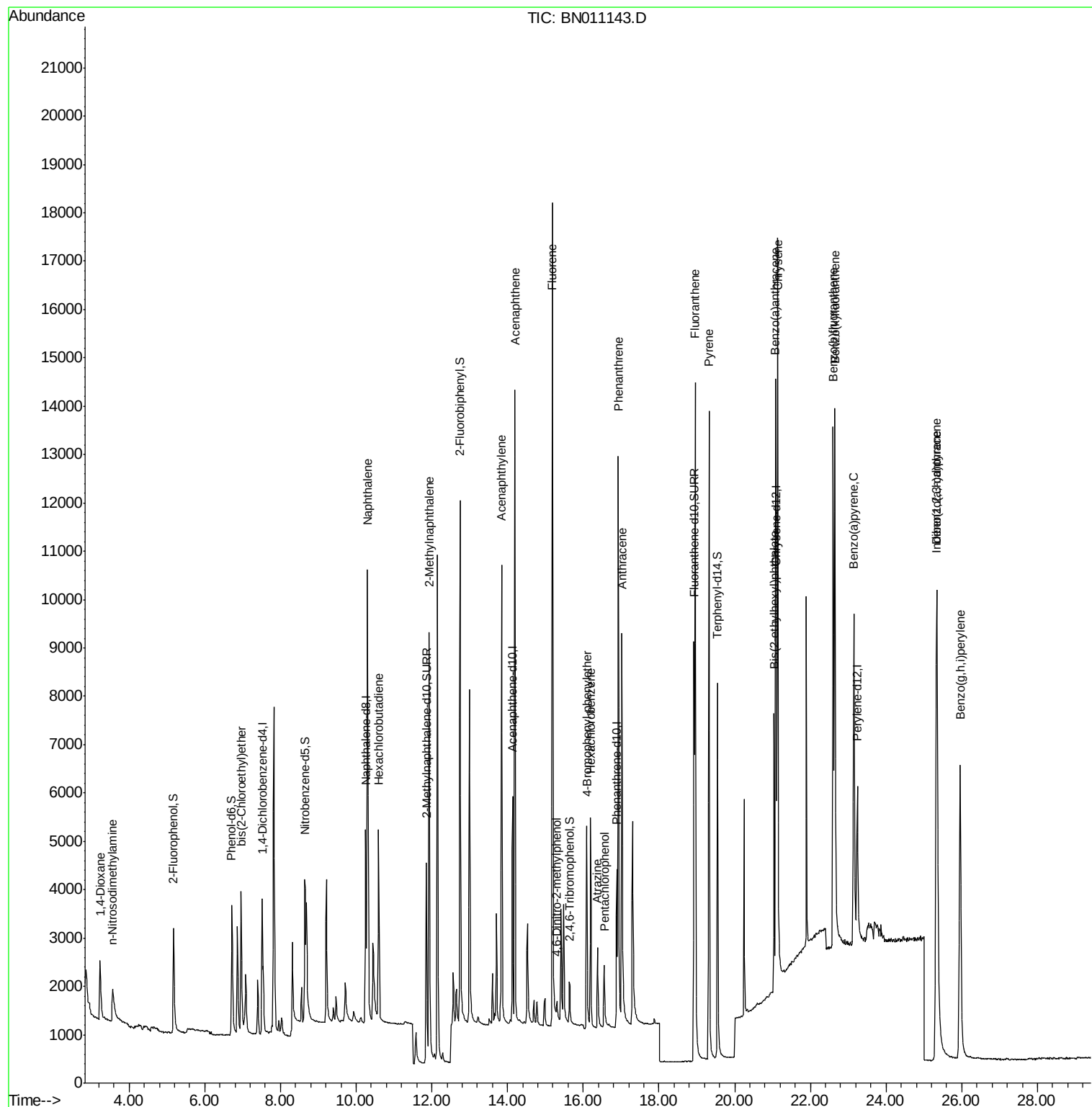
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1765	0.759	ng	98
3) n-Nitrosodimethylamine	3.56	42	919	0.783	ng	# 95
6) bis(2-Chloroethyl)ether	6.96	93	3055	0.713	ng	98
9) Naphthalene	10.30	128	12943	0.769	ng	98
10) Hexachlorobutadiene	10.60	225	2996	0.702	ng	# 100
12) 2-Methylnaphthalene	11.93	142	7691	0.683	ng	97
16) Acenaphthylene	13.84	152	11330	0.772	ng	100
17) Acenaphthene	14.20	154	7533	0.757	ng	98
18) Fluorene	15.19	166	8557	0.688	ng	100
20) 4,6-Dinitro-2-methylphenol	15.30	198	531	0.915	ng	# 82
21) 4-Bromophenyl-phenylether	16.10	248	2748	0.761	ng	# 89
22) Hexachlorobenzene	16.19	284	3194	0.750	ng	98
23) Atrazine	16.38	200	1880	0.736	ng	96
24) Pentachlorophenol	16.56	266	911	0.795	ng	94
25) Phenanthrene	16.92	178	13162	0.748	ng	99
26) Anthracene	17.02	178	10749	0.738	ng	99
28) Fluoranthene	18.96	202	14864	0.751	ng	100
30) Pyrene	19.32	202	14640	0.764	ng	99
32) Benzo(a)anthracene	21.08	228	12562	0.732	ng	98
33) Chrysene	21.13	228	14795	0.751	ng	99
34) Bis(2-ethylhexyl)phthalate	21.04	149	5035	0.726	ng	97
35) Indeno(1,2,3-cd)pyrene	25.33	276	15470	0.751	ng	98
37) Benzo(b)fluoranthene	22.60	252	13970	0.741	ng	95
38) Benzo(k)fluoranthene	22.65	252	15668	0.776	ng	# 94
39) Benzo(a)pyrene	23.15	252	12207	0.751	ng	# 91
40) Dibenzo(a,h)anthracene	25.35	278	12446	0.747	ng	96
41) Benzo(g,h,i)perylene	25.96	276	13884	0.757	ng	99

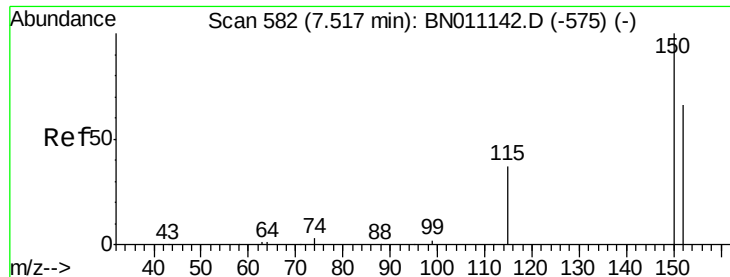
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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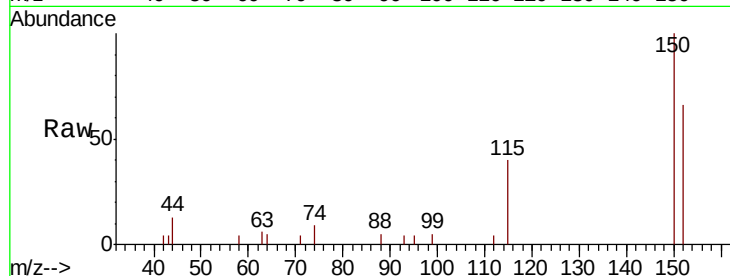


#1

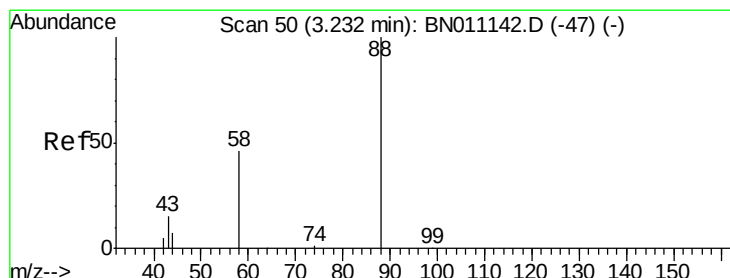
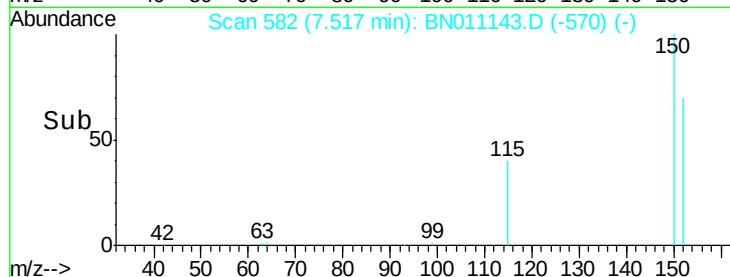
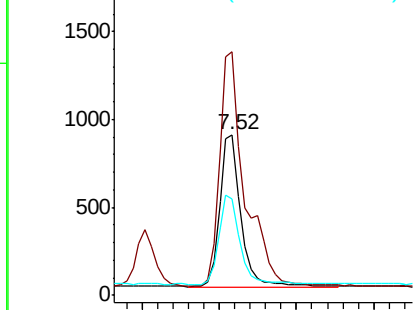
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

Tot Ion:152 Resp: 1648
Ion Ratio Lower Upper
152 100
150 151.7 119.4 179.0
115 60.0 48.3 72.5



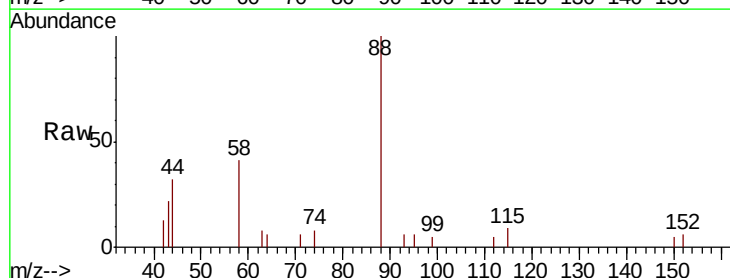
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



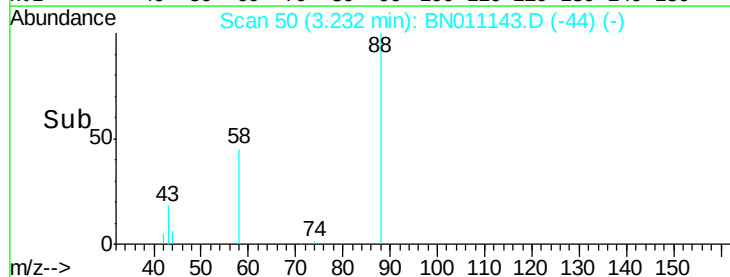
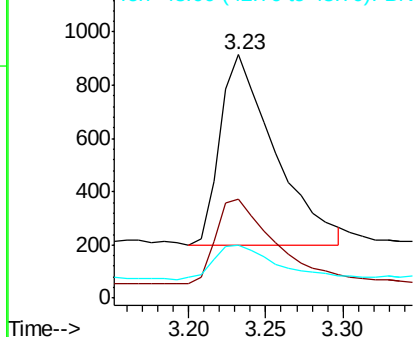
#2

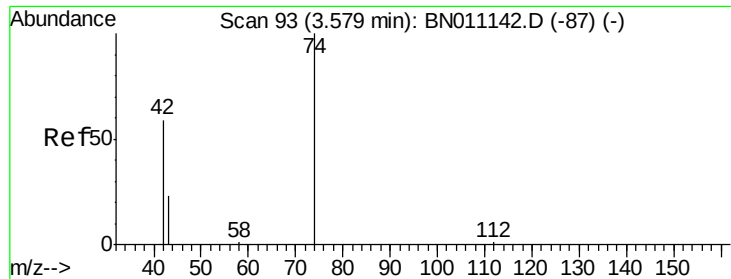
1,4-Dioxane
Concen: 0.759 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion: 88 Resp: 1765
Ion Ratio Lower Upper
88 100
58 46.9 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



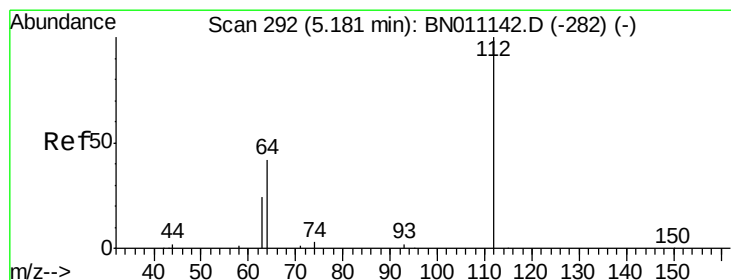
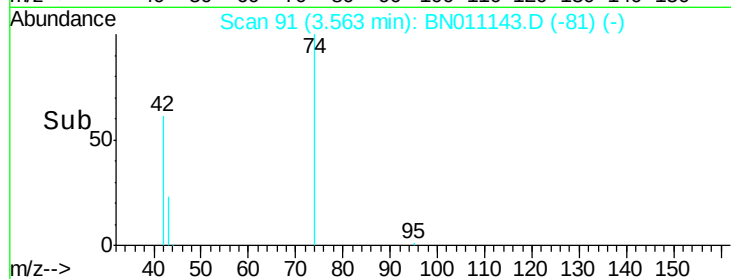
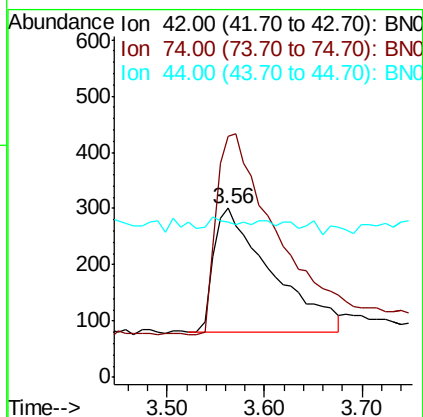
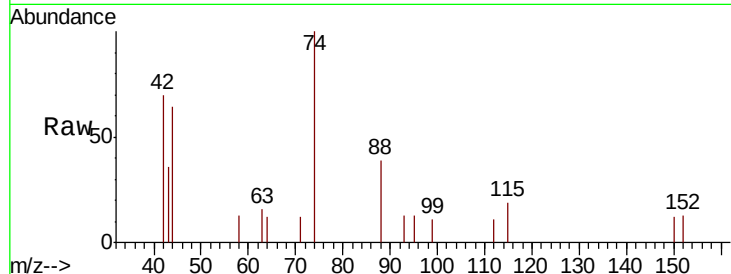


#3

n-Nitrosodimethylamine
 Concen: 0.783 ng
 RT: 3.56 min Scan# 91
 Delta R.T. -0.02 min
 Lab File: BN011143.D
 Acq: 10 Jul 2020 11:22

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

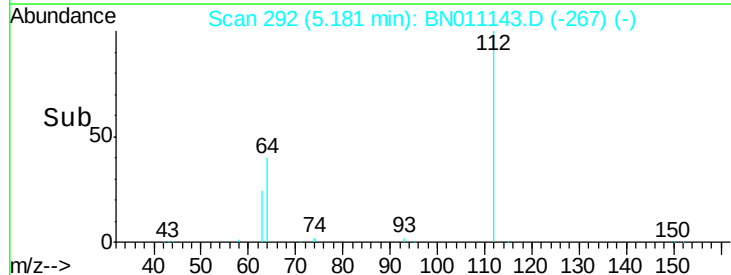
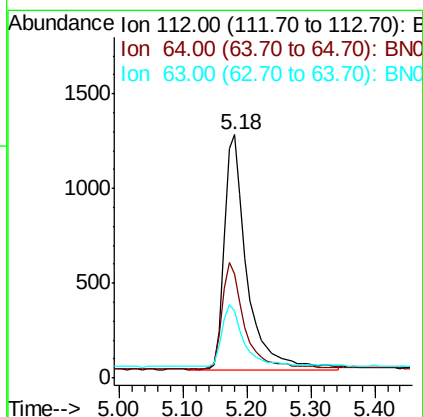
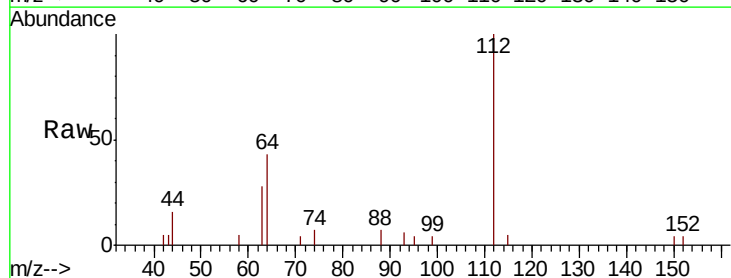
Tot Ion	Ratio	Lower	Upper
42	100		
74	171.2	140.9	211.3
44	0.0	7.6	11.4#

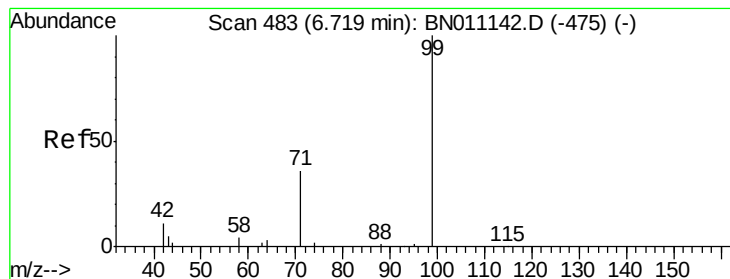


#4

2-Fluorophenol
 Concen: 0.735 ng
 RT: 5.18 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: BN011143.D
 Acq: 10 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.7	36.7	55.1
63	26.3	20.4	30.6





#5

Phenol-d6

Concen: 0.758 ng

RT: 6.71 min Scan# 482

Delta R.T. -0.01 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

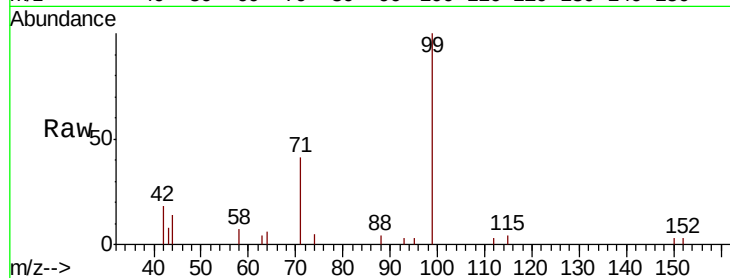
Tot Ion: 99 Resp: 3573

Ion Ratio Lower Upper

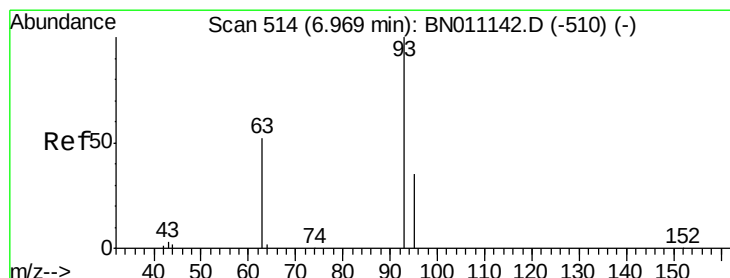
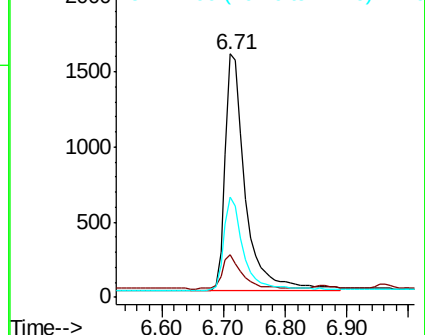
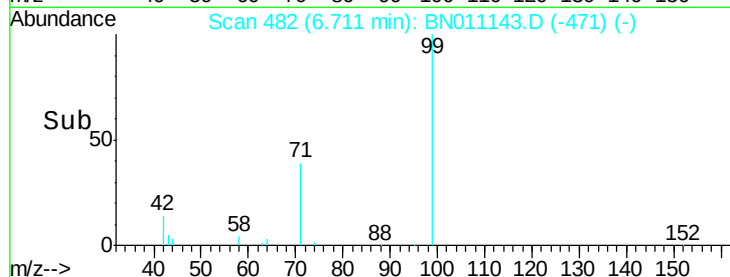
99 100

42 14.5 10.8 16.2

71 39.2 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BN011143.D (-471) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.713 ng

RT: 6.96 min Scan# 513

Delta R.T. -0.01 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

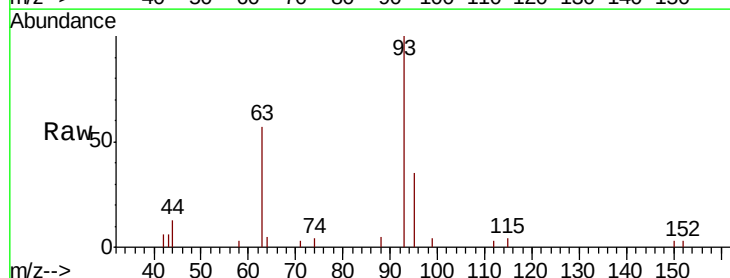
Tgt Ion: 93 Resp: 3055

Ion Ratio Lower Upper

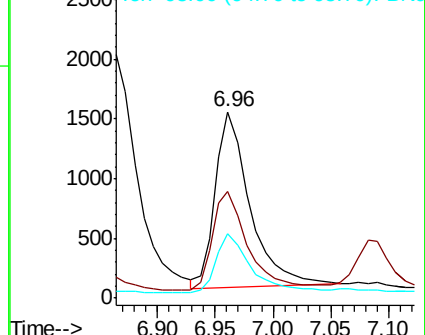
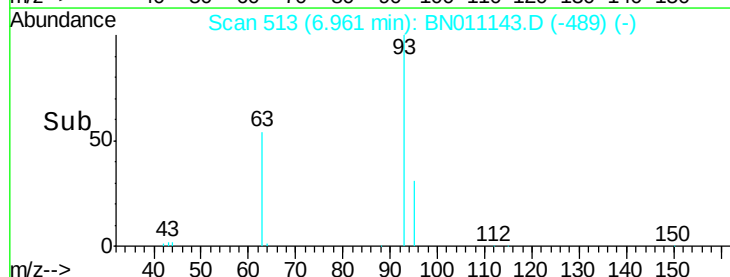
93 100

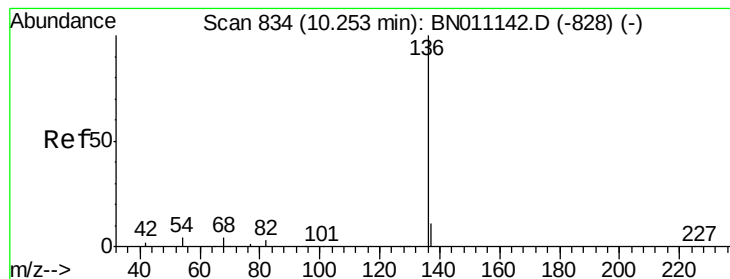
63 57.8 47.4 71.0

95 33.5 28.1 42.1



Abundance Ion 93.00 (92.70 to 93.70): BN011143.D (-489) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 5640

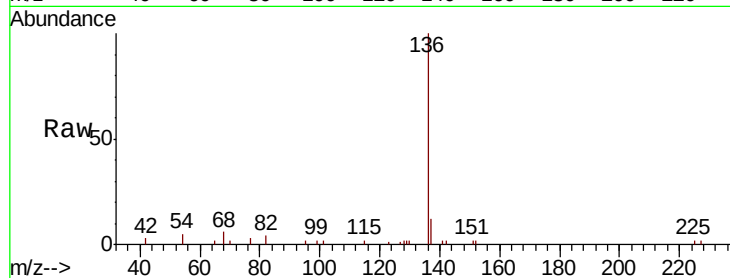
Ion Ratio Lower Upper

136 100

137 12.2 10.3 15.5

54 5.3 4.9 7.3

68 5.7 4.9 7.3

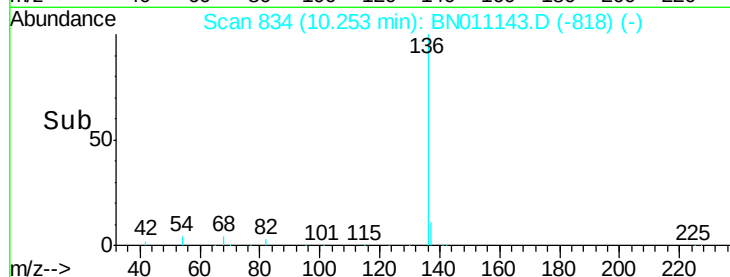


Abundance Ion 136.00 (135.70 to 136.70): E

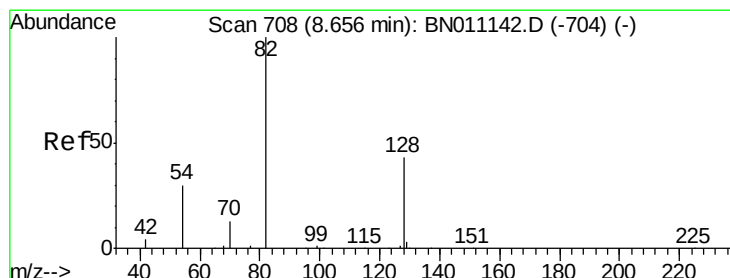
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.747 ng

RT: 8.64 min Scan# 707

Delta R.T. -0.01 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

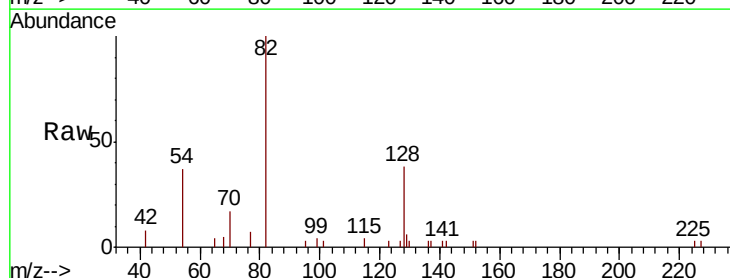
Tgt Ion: 82 Resp: 3579

Ion Ratio Lower Upper

82 100

128 37.6 38.1 57.1#

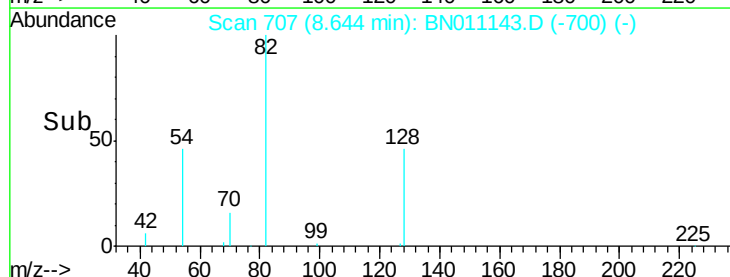
54 36.6 27.1 40.7



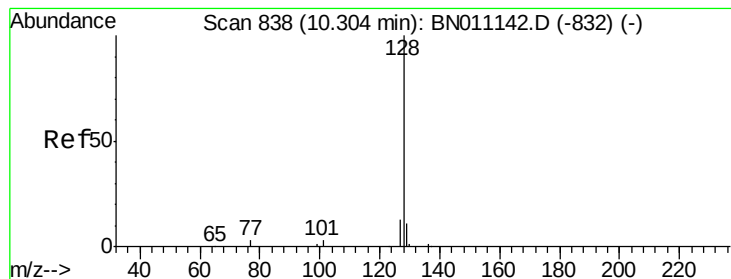
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.769 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

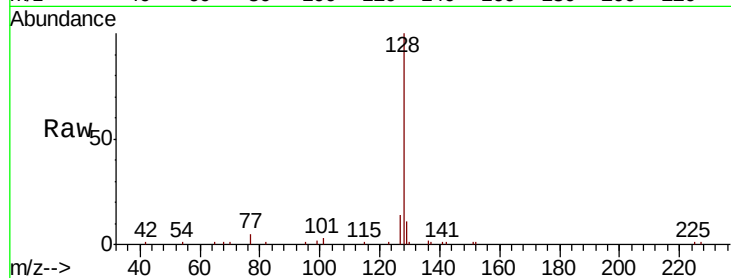
Tot Ion:128 Resp: 12943

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.6

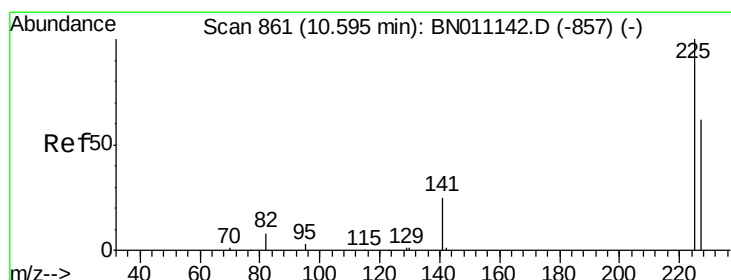
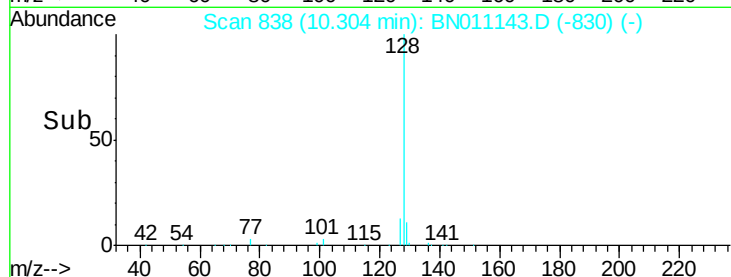
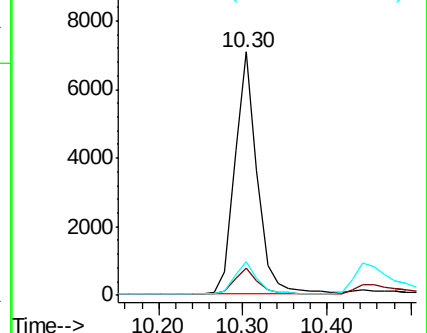
127 13.8 11.8 17.6



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: 0.702 ng

RT: 10.60 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

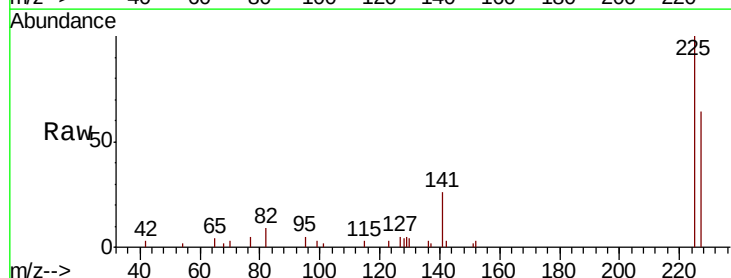
Tgt Ion:225 Resp: 2996

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

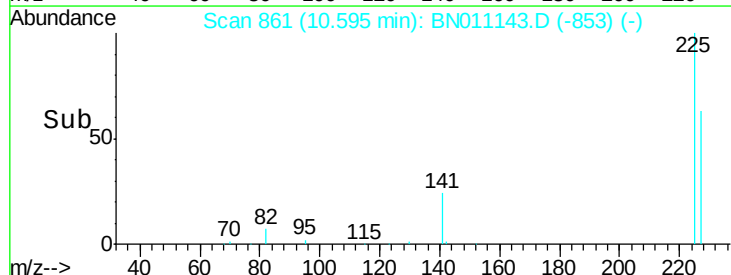
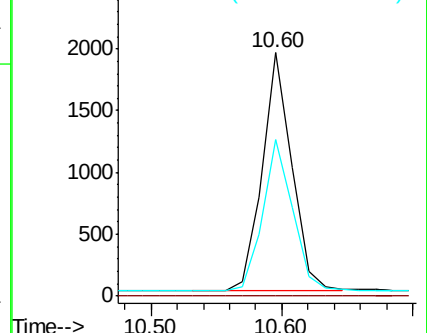
227 64.3 51.2 76.8

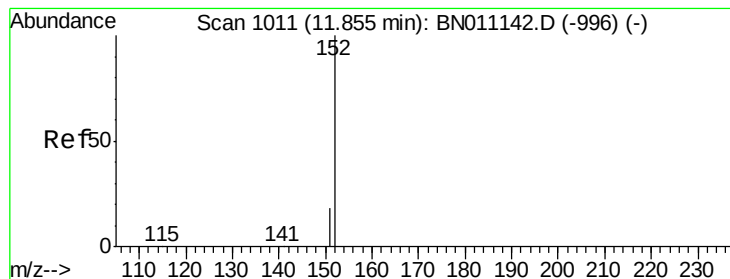


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.692 ng

RT: 11.85 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

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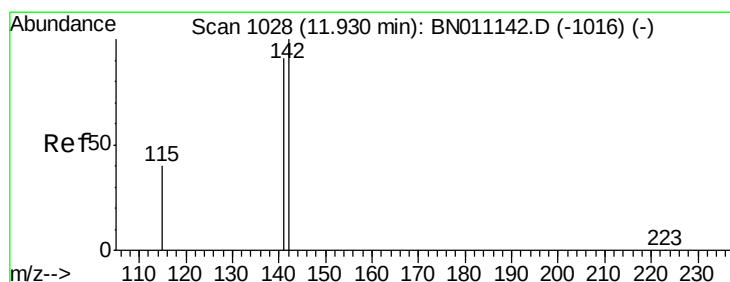
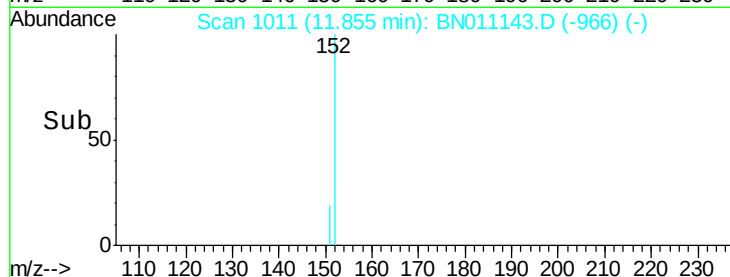
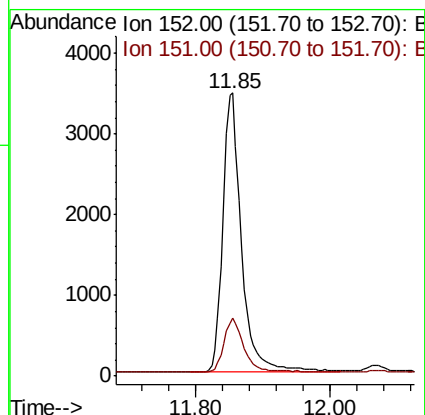
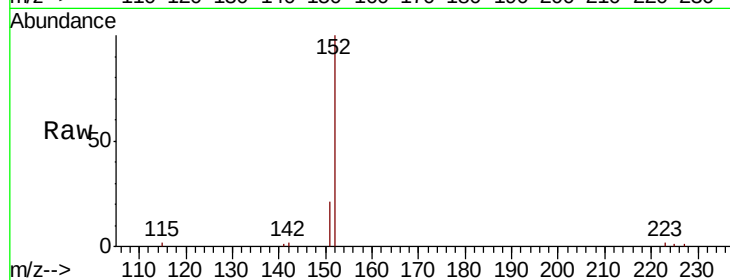
SSTDIC0.8

Tot Ion:152 Resp: 6756

Ion Ratio Lower Upper

152 100

151 20.4 16.5 24.7



#12

2-Methylnaphthalene

Concen: 0.683 ng

RT: 11.93 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

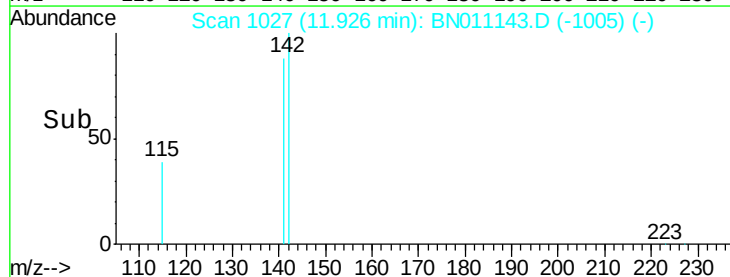
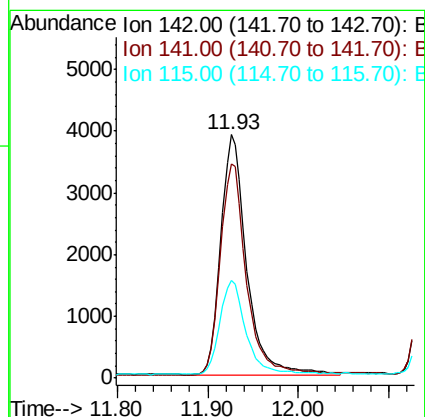
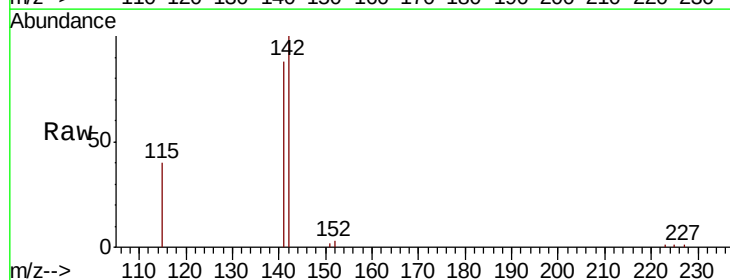
Tgt Ion:142 Resp: 7691

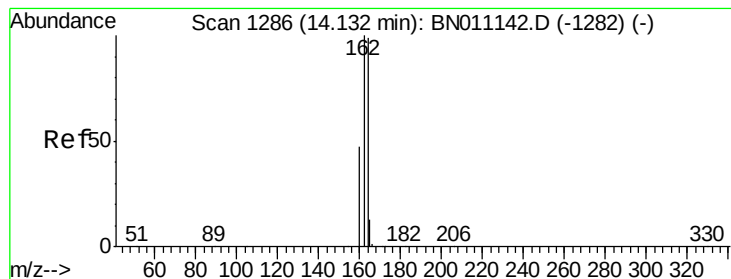
Ion Ratio Lower Upper

142 100

141 88.2 72.7 109.1

115 39.9 33.8 50.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

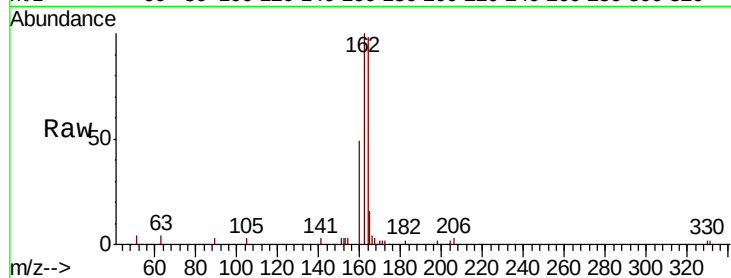
Tot Ion:164 Resp: 2929

Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

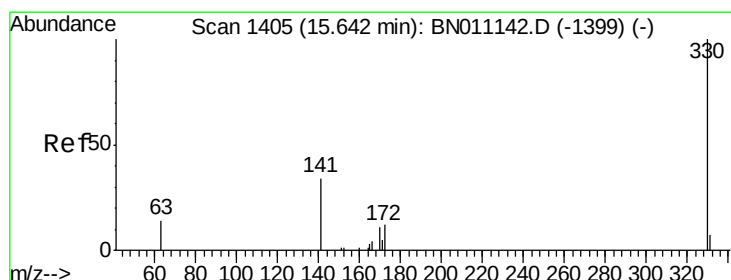
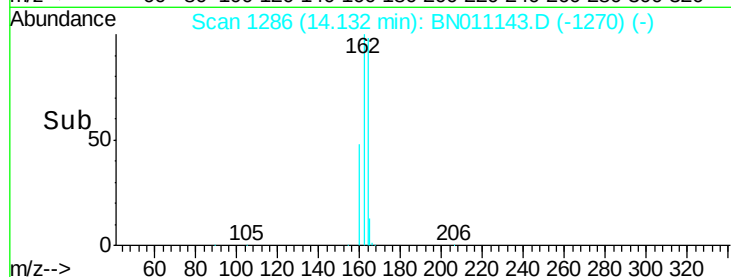
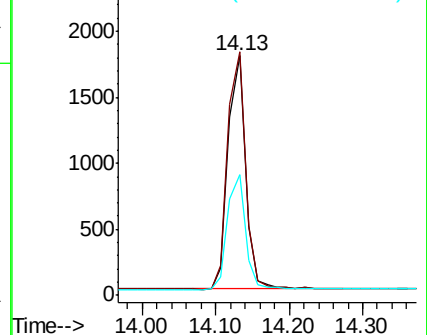
160 50.3 39.0 58.6



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: 0.722 ng

RT: 15.64 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

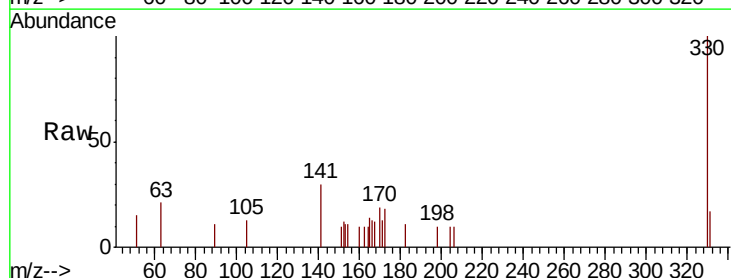
Tgt Ion:330 Resp: 888

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

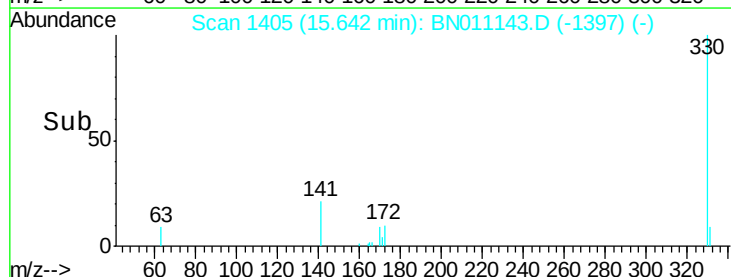
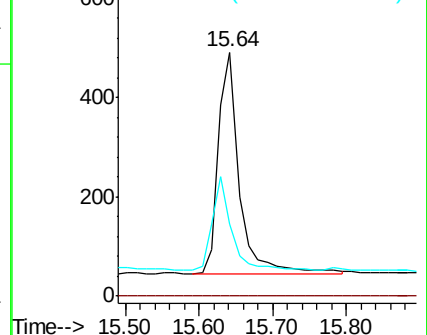
141 39.0 31.5 47.3

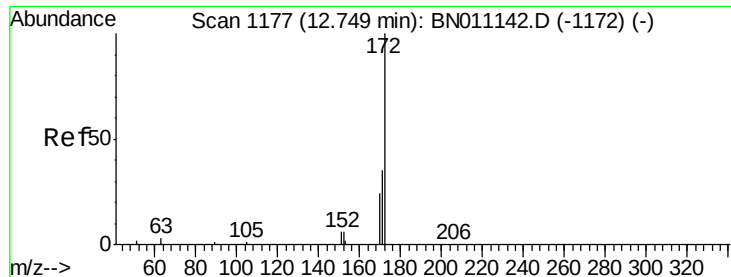


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

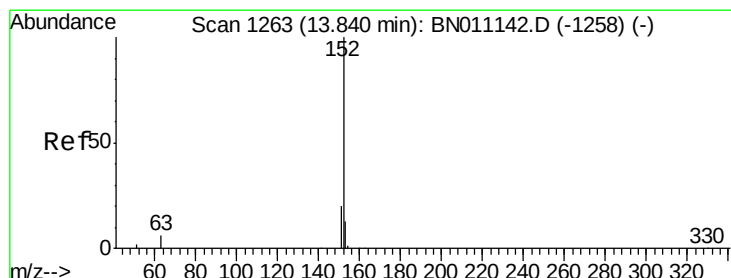
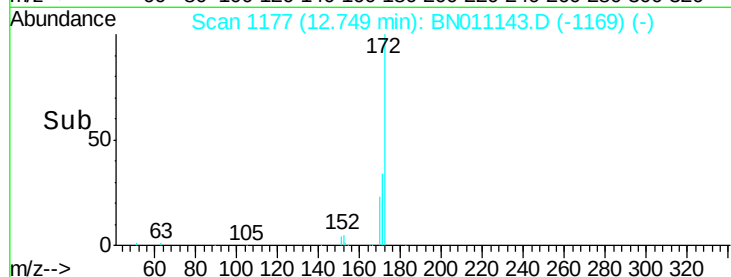
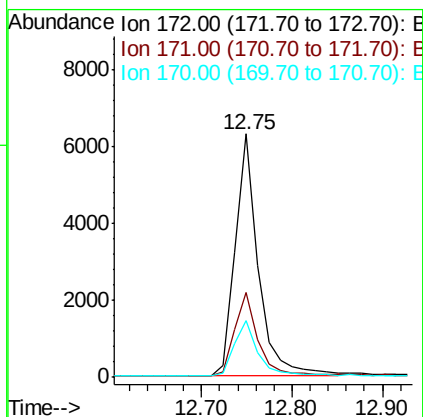
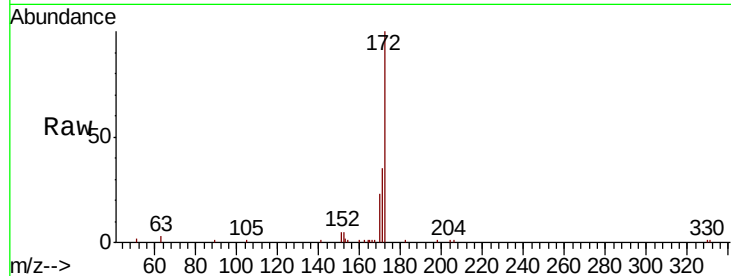




#15
2-Fluorobiphenyl
Concen: 0.804 ng
RT: 12.75 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

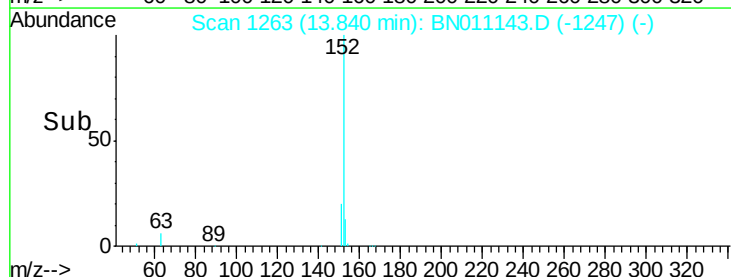
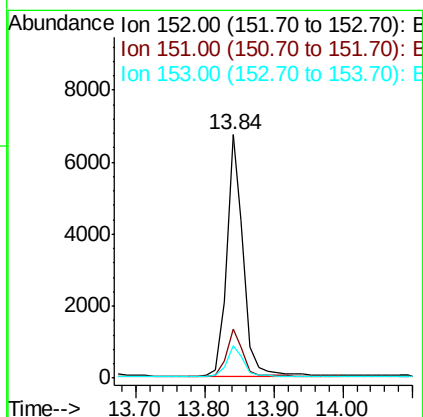
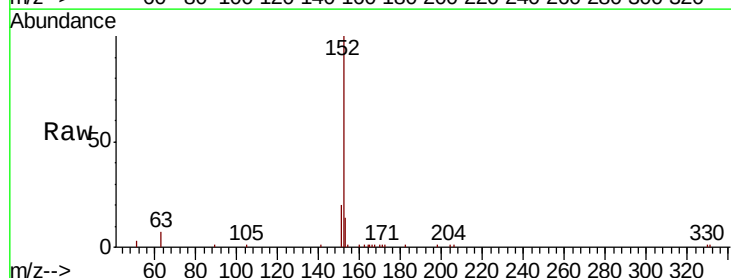
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

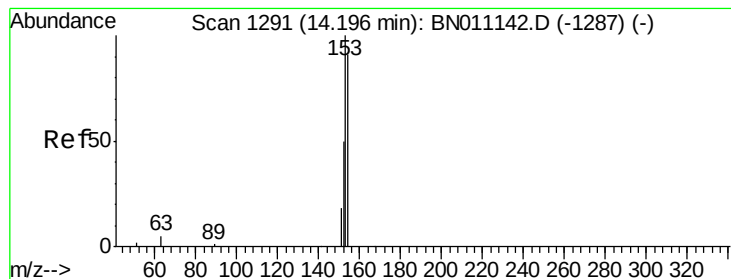
Tot Ion:172 Resp: 11089
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 23.3 20.3 30.5



#16
Acenaphthylene
Concen: 0.772 ng
RT: 13.84 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:152 Resp: 11330
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.757 ng

RT: 14.20 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

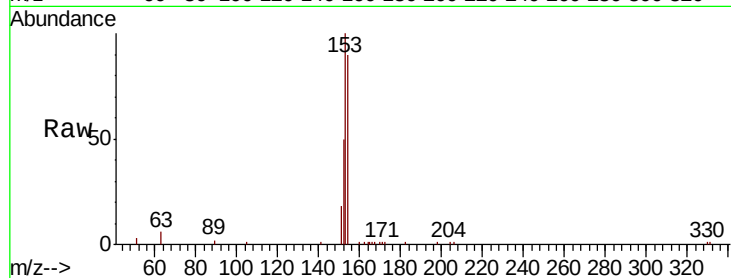
Tot Ion:154 Resp: 7533

Ion Ratio Lower Upper

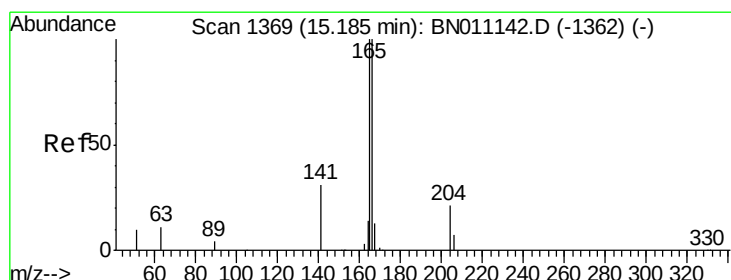
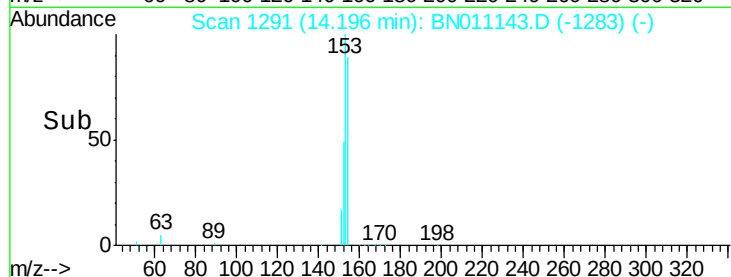
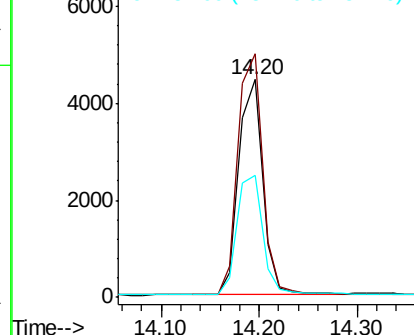
154 100

153 116.2 91.3 136.9

152 59.6 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: 0.688 ng

RT: 15.19 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

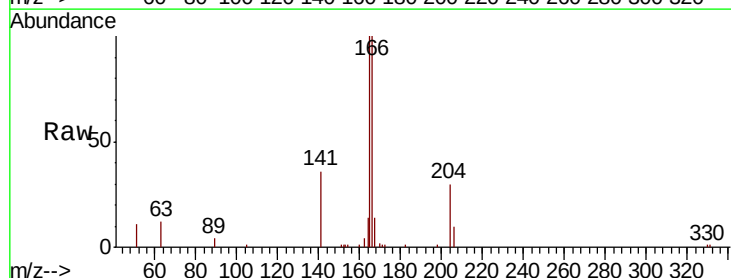
Tgt Ion:166 Resp: 8557

Ion Ratio Lower Upper

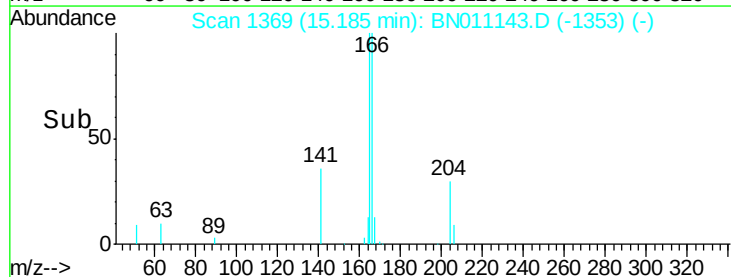
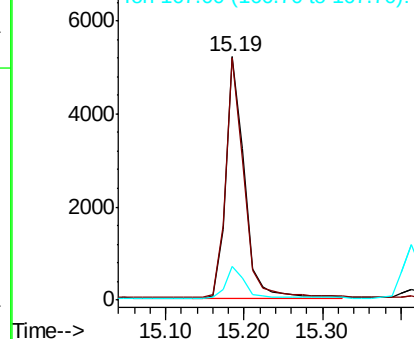
166 100

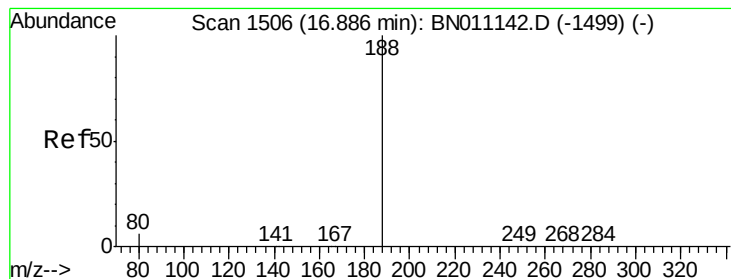
165 99.0 79.1 118.7

167 13.4 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: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

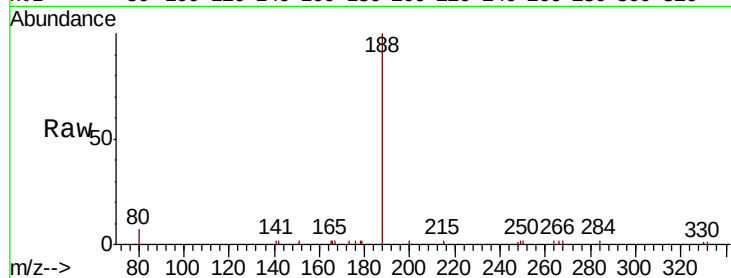
Tot Ion:188 Resp: 5435

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

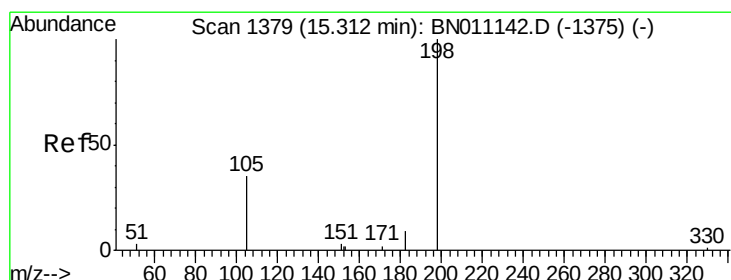
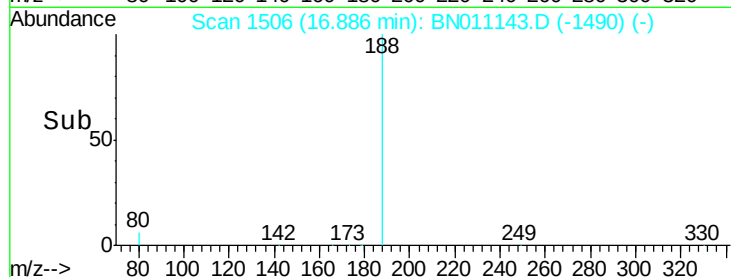
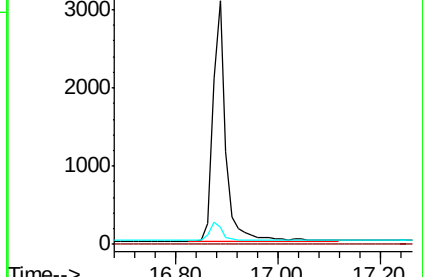
80 7.2 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BN0

Ion 80.00 (79.70 to 80.70): BN0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.915 ng

RT: 15.30 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

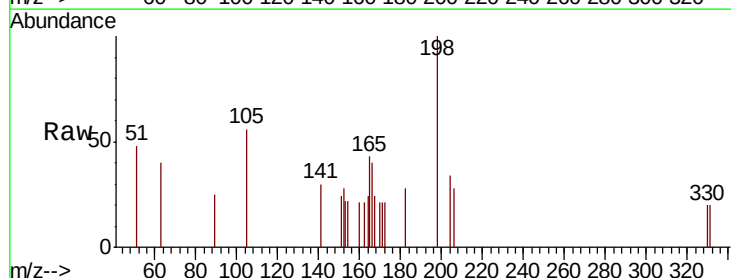
Tgt Ion:198 Resp: 531

Ion Ratio Lower Upper

198 100

51 48.0 53.1 79.7#

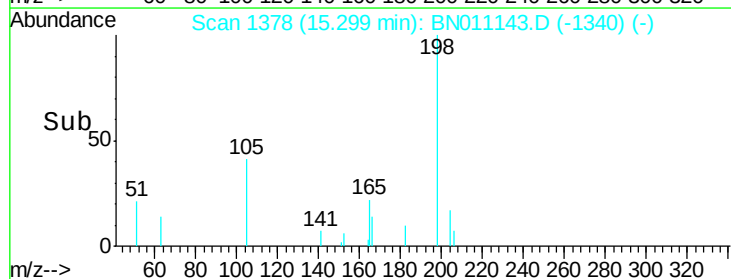
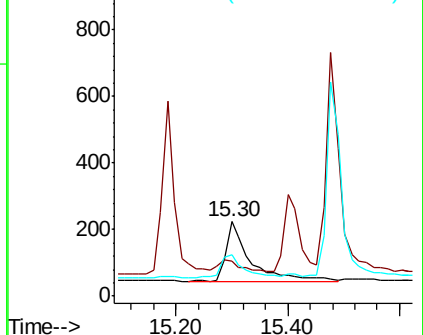
105 55.6 51.9 77.9

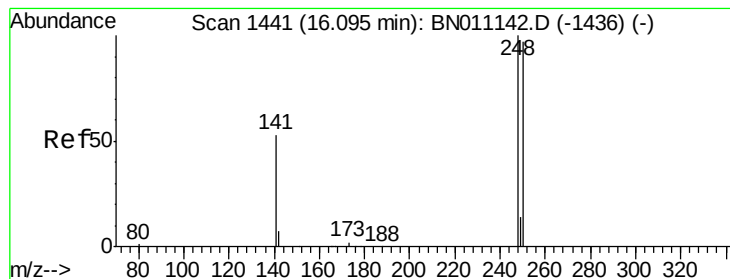


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BN0

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.761 ng

RT: 16.10 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

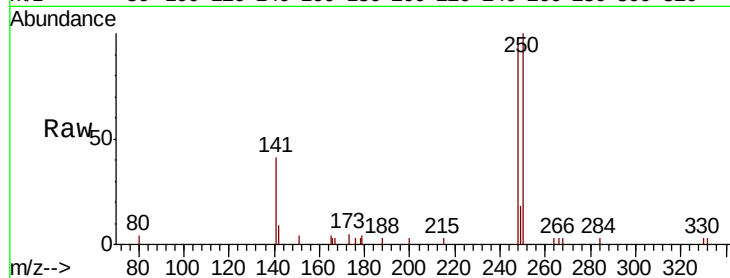
Tot Ion:248 Resp: 2748

Ion Ratio Lower Upper

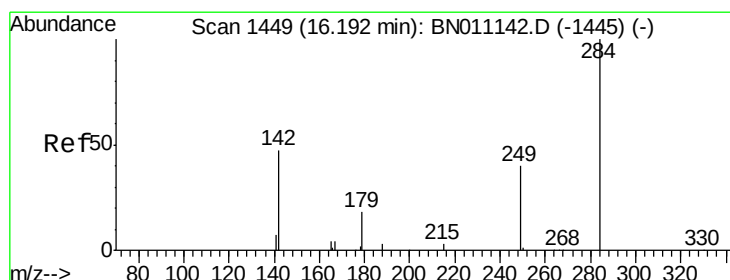
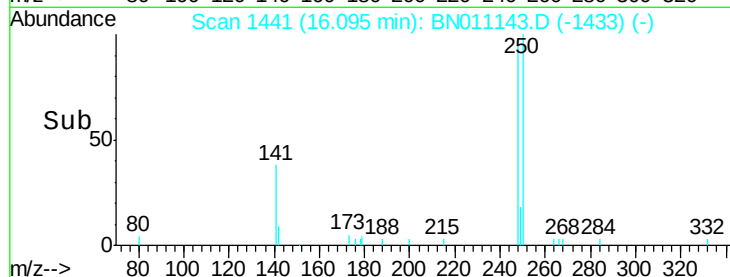
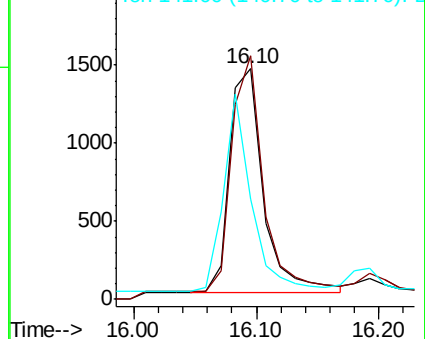
248 100

250 105.6 78.4 117.6

141 43.7 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: 0.750 ng

RT: 16.19 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

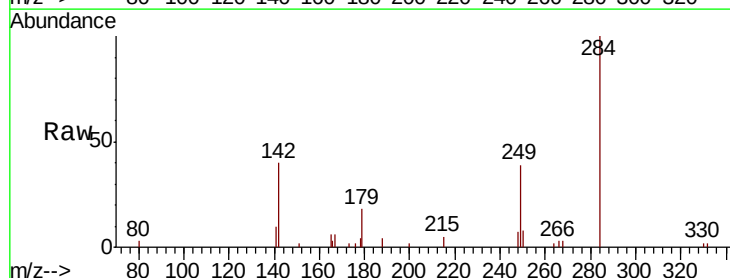
Tgt Ion:284 Resp: 3194

Ion Ratio Lower Upper

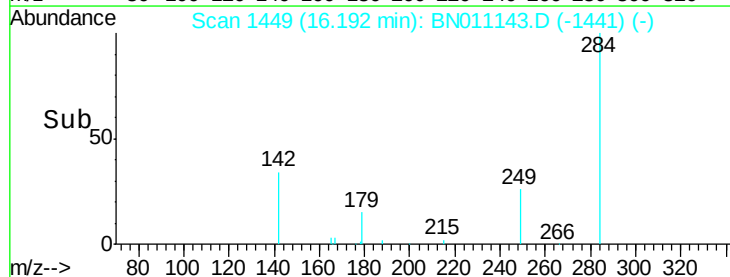
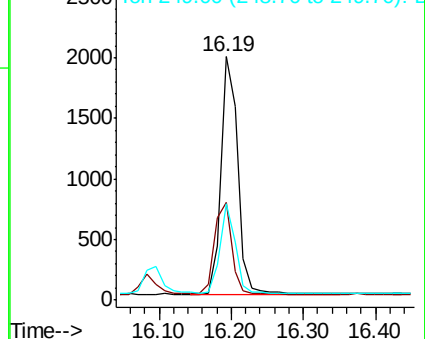
284 100

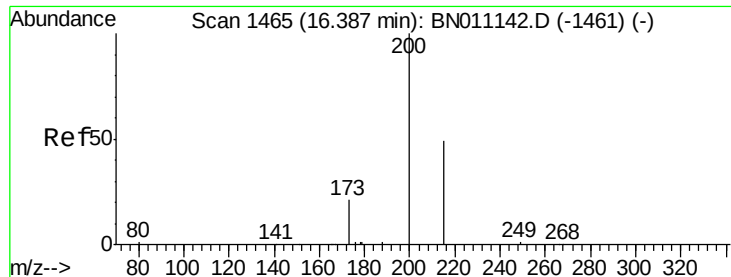
142 39.2 32.6 48.8

249 34.0 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: 0.736 ng

RT: 16.38 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

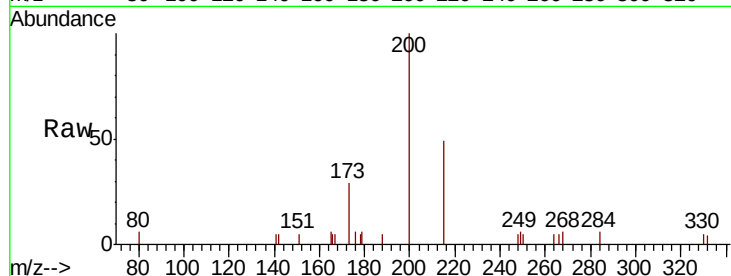
Tot Ion:200 Resp: 1880

Ion Ratio Lower Upper

200 100

173 28.6 23.0 34.4

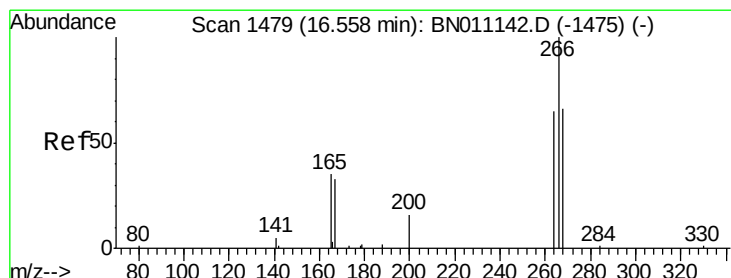
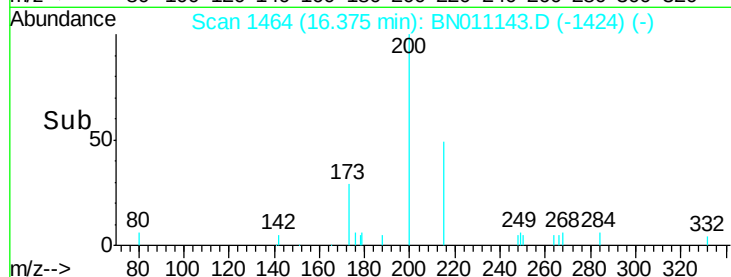
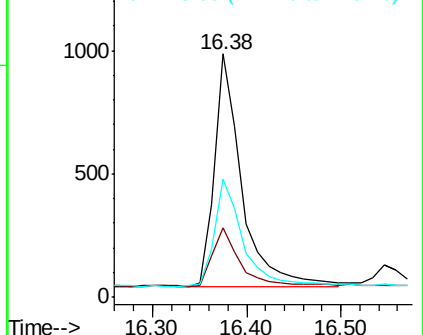
215 48.6 42.6 63.8



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: 0.795 ng

RT: 16.56 min Scan# 1479

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

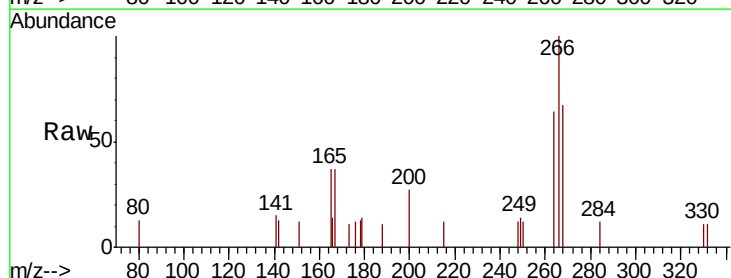
Tgt Ion:266 Resp: 911

Ion Ratio Lower Upper

266 100

264 60.6 52.5 78.7

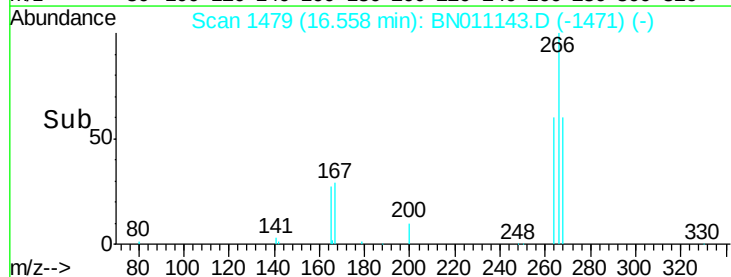
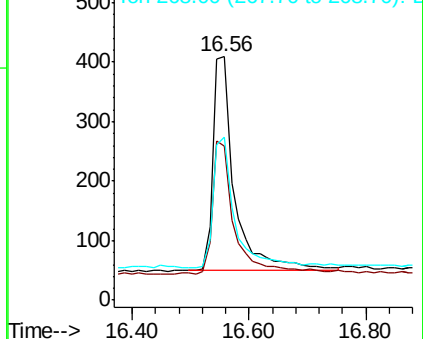
268 64.7 48.9 73.3

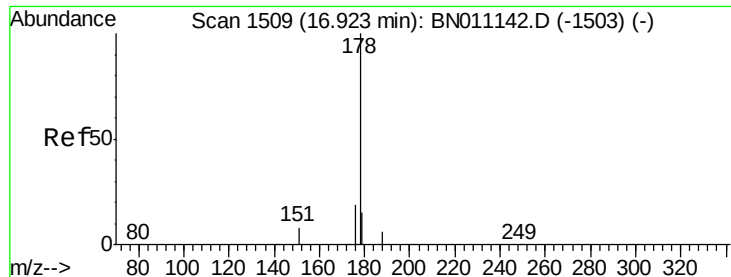


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.748 ng

RT: 16.92 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

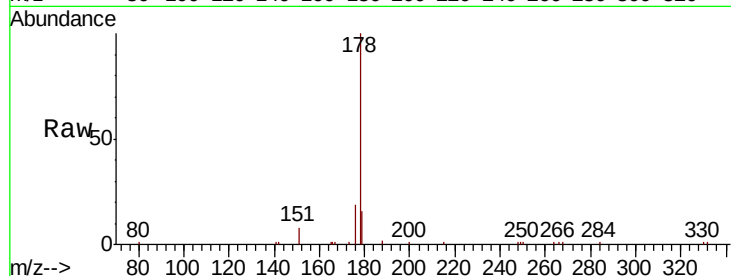
Tot Ion:178 Resp: 13162

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

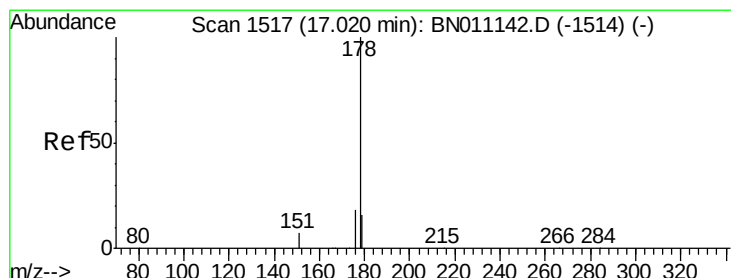
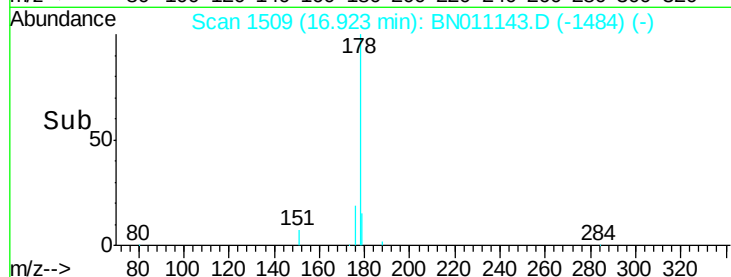
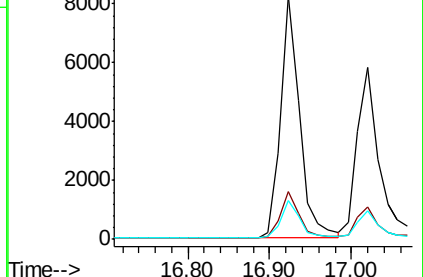
179 15.2 12.6 18.8



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: 0.738 ng

RT: 17.02 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

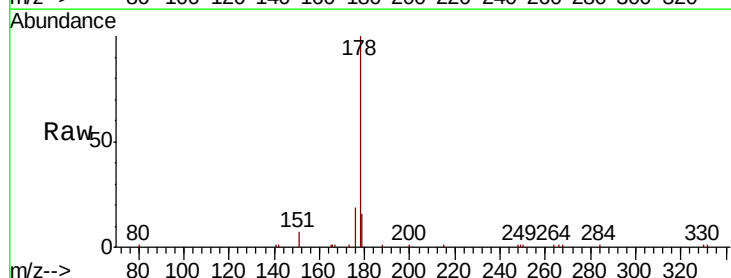
Tgt Ion:178 Resp: 10749

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

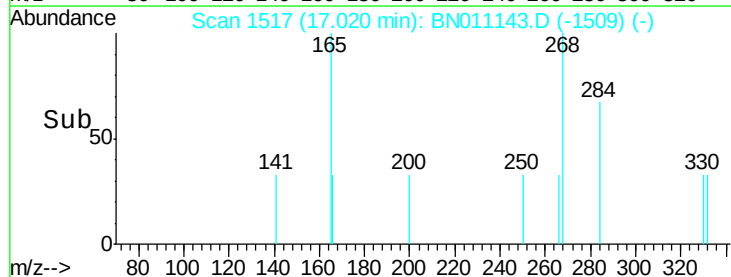
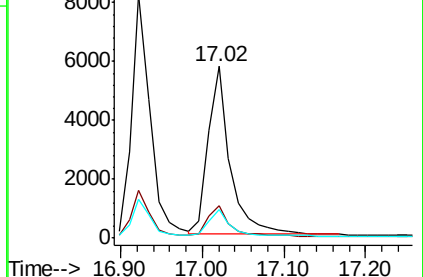
179 15.5 12.0 18.0

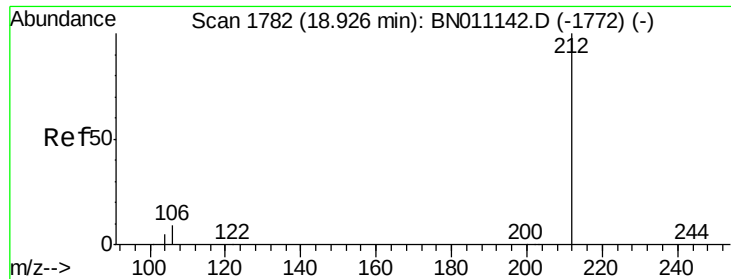


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

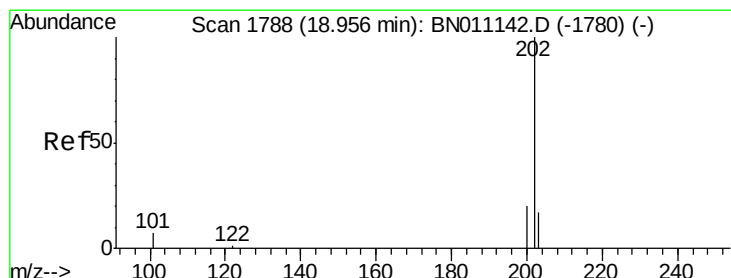
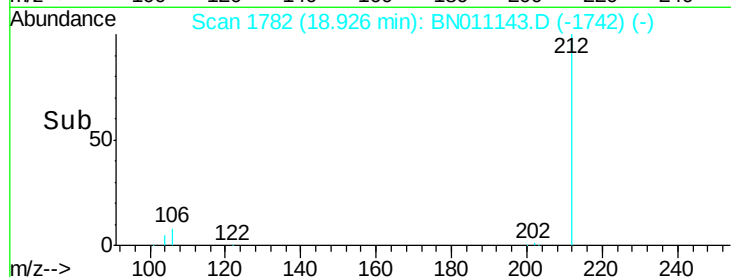
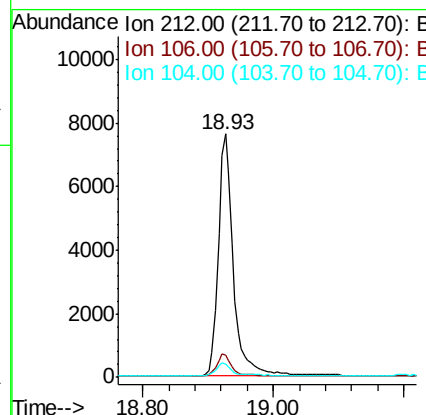
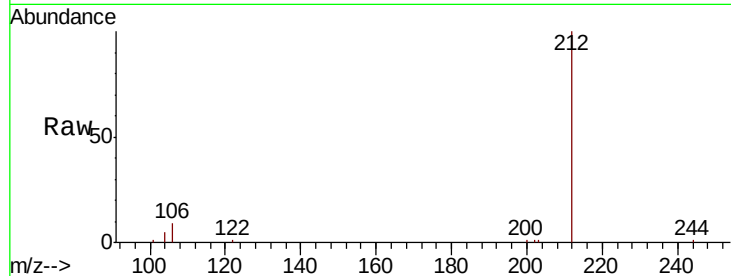




#27
 Fluoranthene-d10
 Concen: 0.743 ng
 RT: 18.93 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BN011143.D
 Acq: 10 Jul 2020 11:22

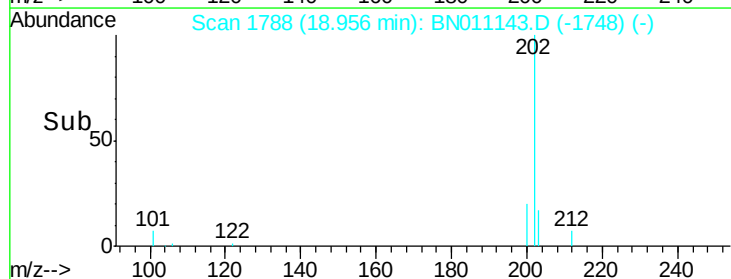
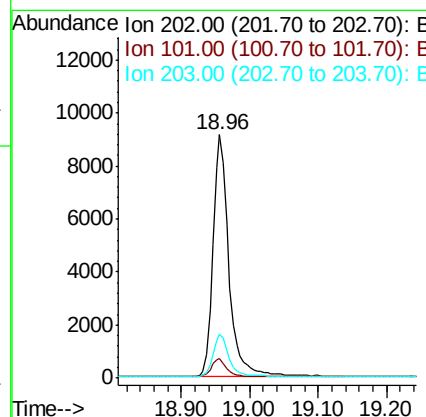
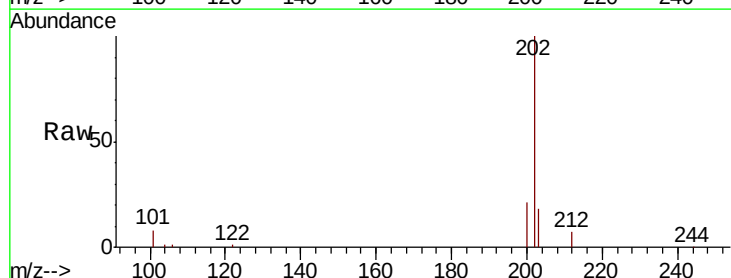
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

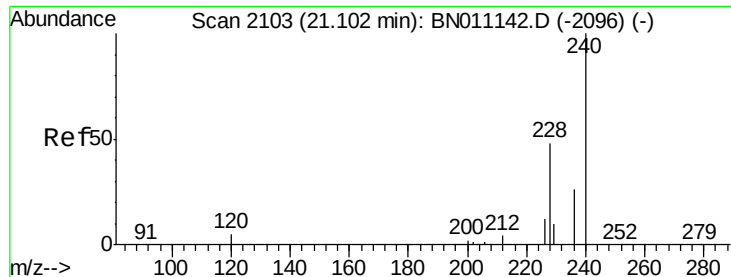
Tot Ion	Ratio	Lower	Upper
212	100		
106	8.6	7.0	10.6
104	5.1	4.2	6.4



#28
 Fluoranthene
 Concen: 0.751 ng
 RT: 18.96 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BN011143.D
 Acq: 10 Jul 2020 11:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.9	8.9
203	17.0	13.6	20.4

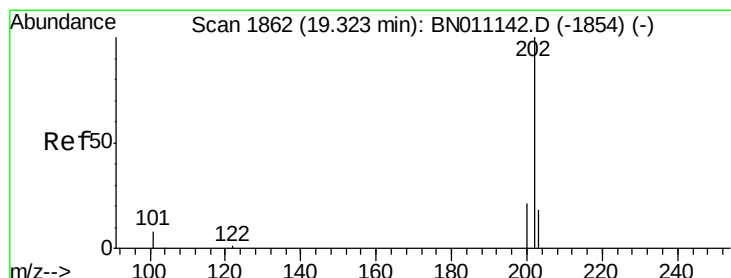
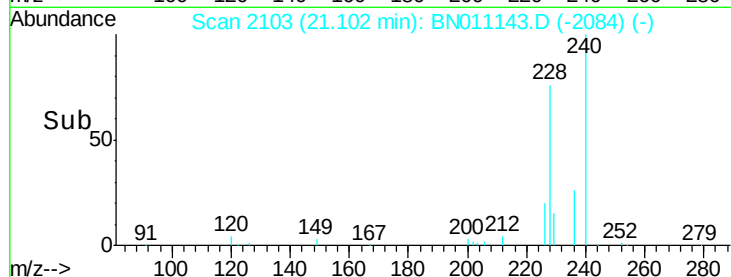
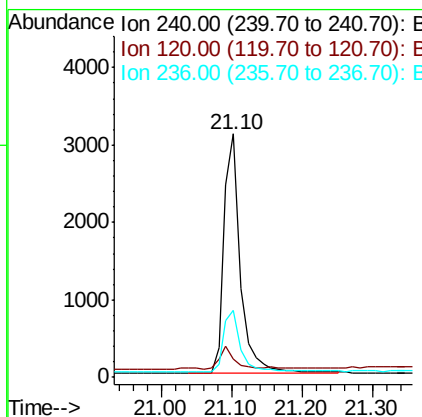
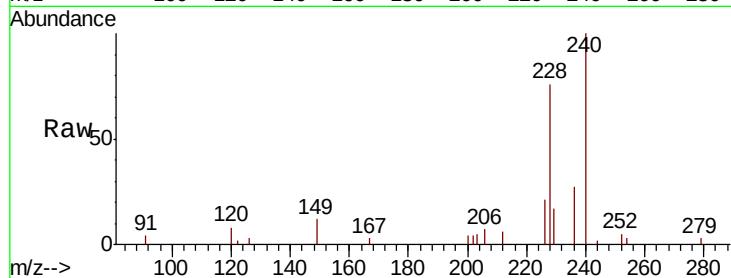




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

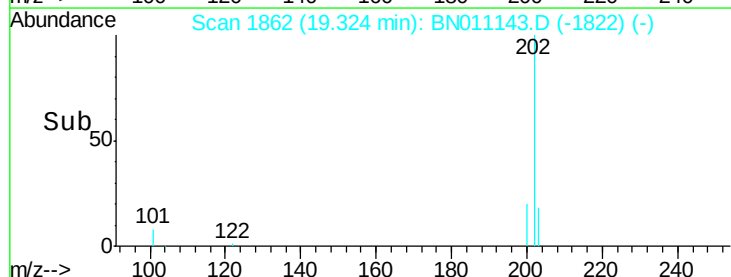
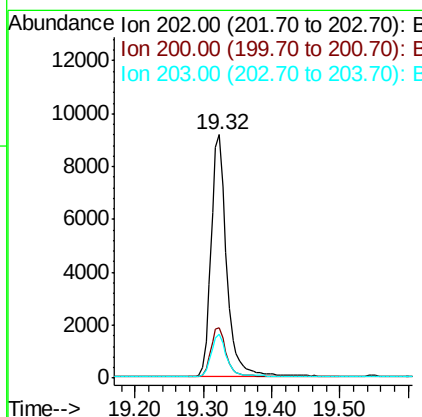
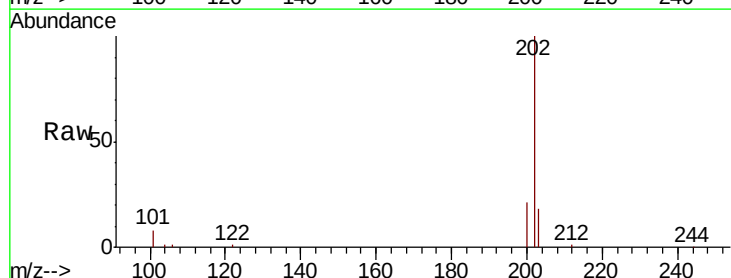
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

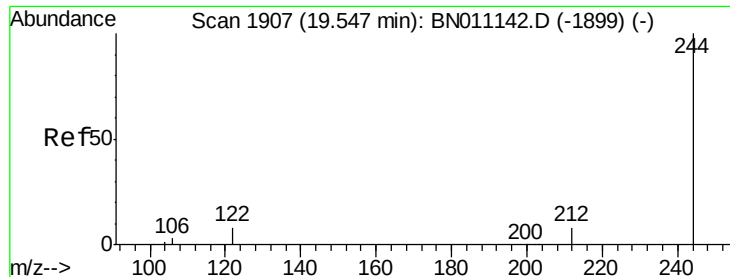
Tot Ion:240 Resp: 5135
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 27.4 21.9 32.9



#30
Pyrene
Concen: 0.764 ng
RT: 19.32 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:202 Resp: 14640
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 17.2 14.2 21.4





#31

Terphenyl-d14

Concen: 0.759 ng

RT: 19.55 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

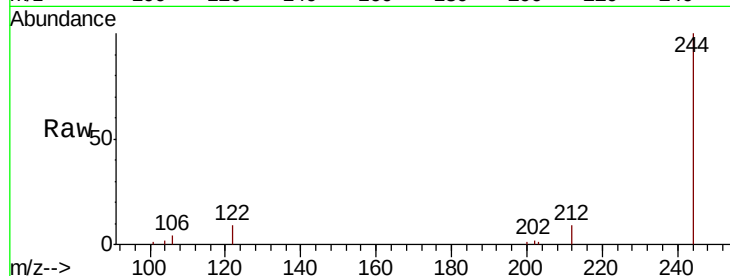
Tot Ion:244 Resp: 10145

Ion Ratio Lower Upper

244 100

212 9.1 7.8 11.6

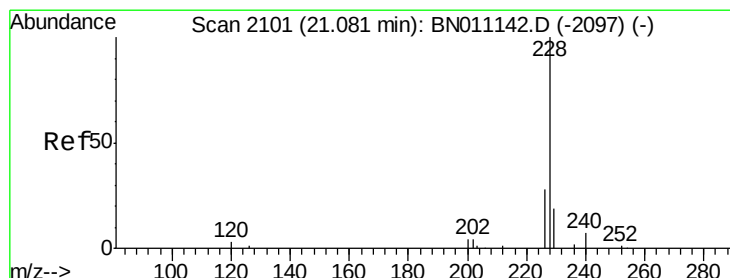
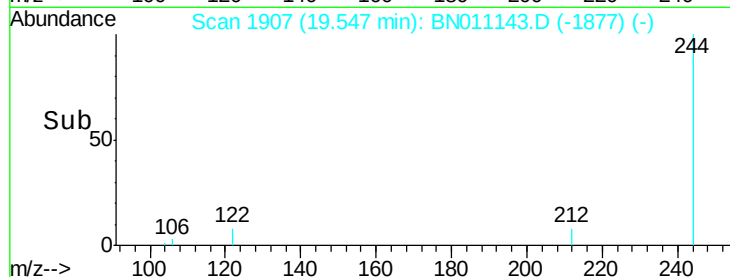
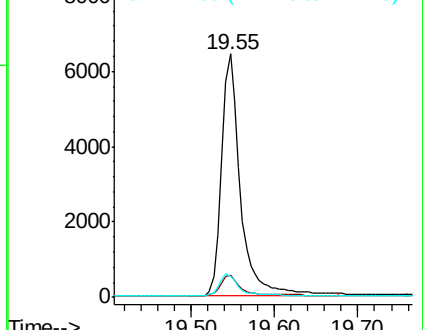
122 8.7 7.4 11.0



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: 0.732 ng

RT: 21.08 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

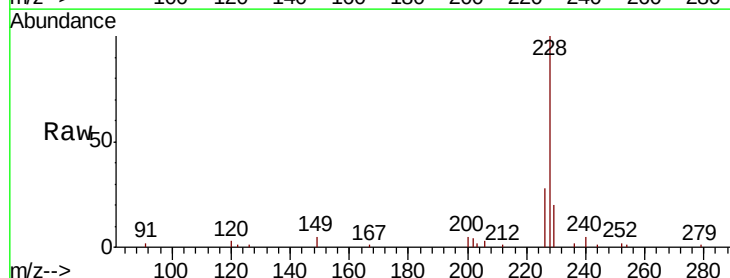
Tgt Ion:228 Resp: 12562

Ion Ratio Lower Upper

228 100

226 27.5 23.2 34.8

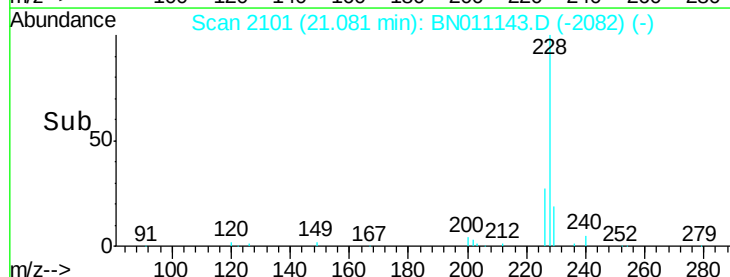
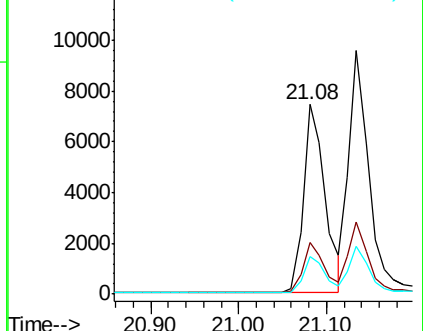
229 19.6 16.2 24.4

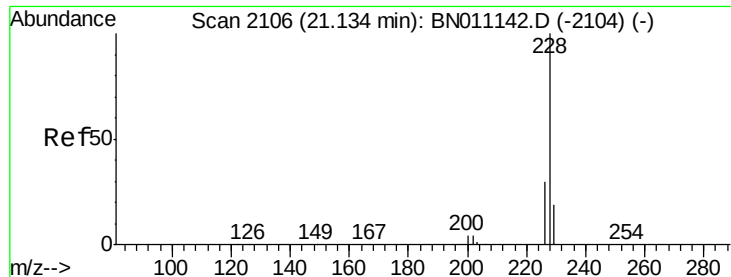


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.751 ng

RT: 21.13 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

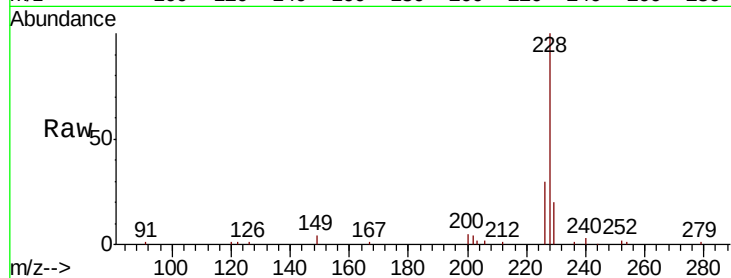
Tot Ion:228 Resp: 14795

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

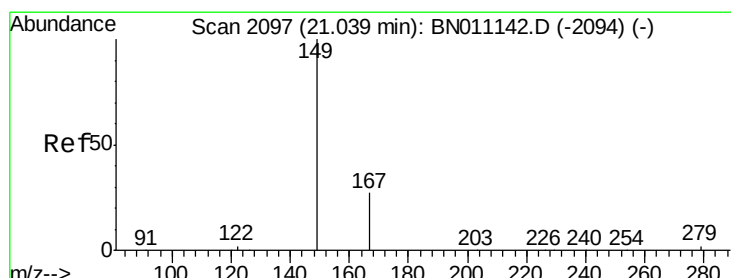
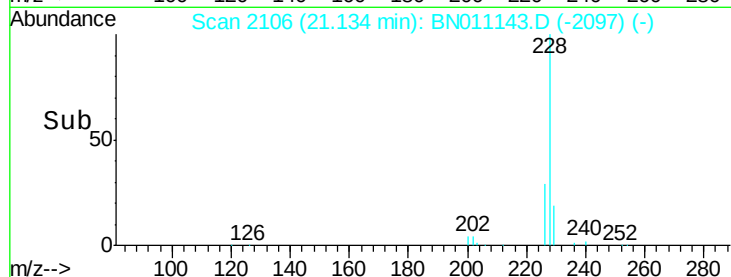
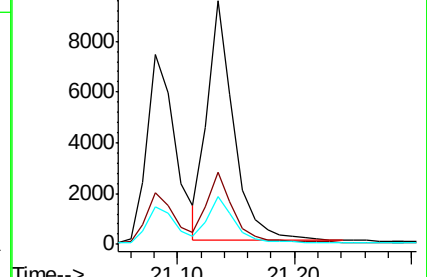
229 19.8 16.2 24.4



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: 0.726 ng

RT: 21.04 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

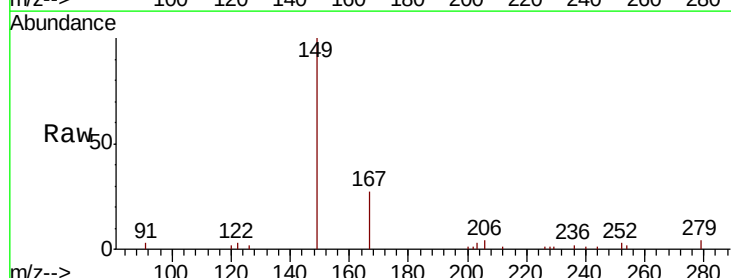
Tgt Ion:149 Resp: 5035

Ion Ratio Lower Upper

149 100

167 27.5 23.4 35.0

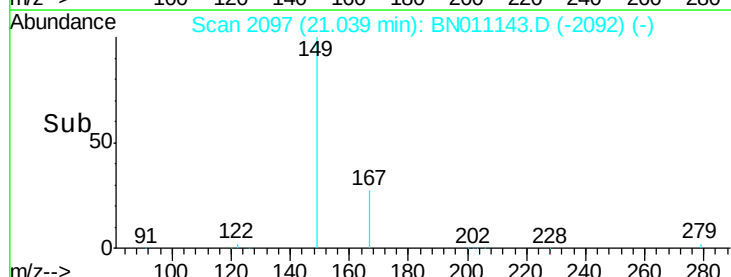
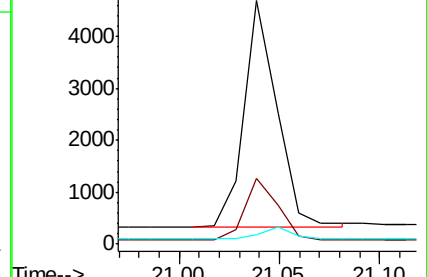
279 5.3 4.5 6.7

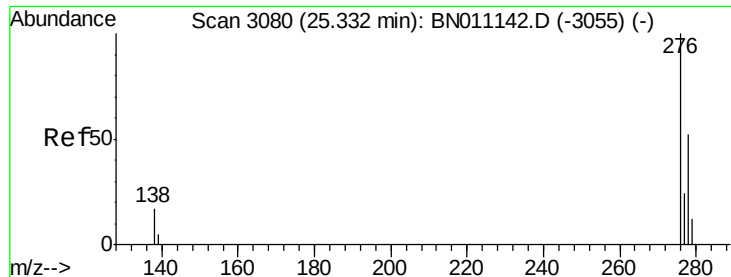


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

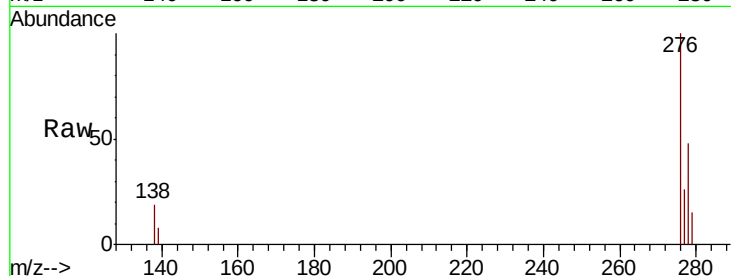




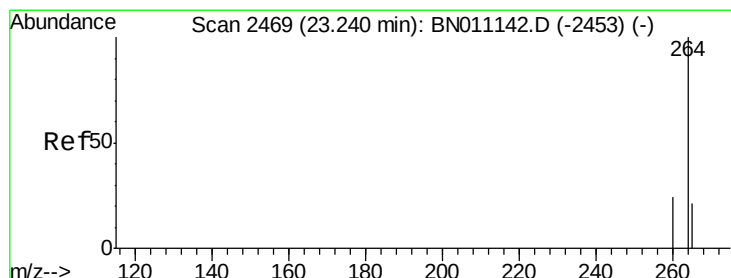
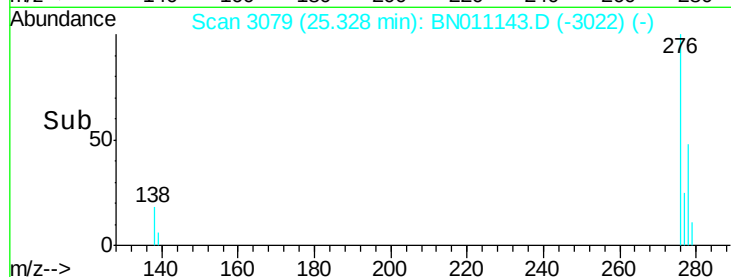
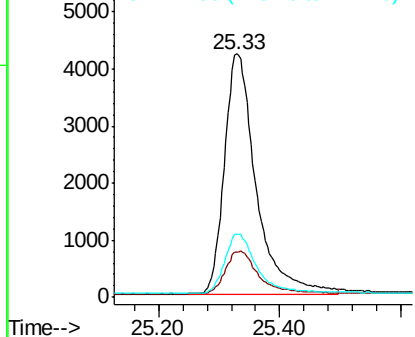
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.751 ng
RT: 25.33 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

Tot Ion:276 Resp: 15470
Ion Ratio Lower Upper
276 100
138 18.0 13.0 19.6
277 25.0 19.7 29.5

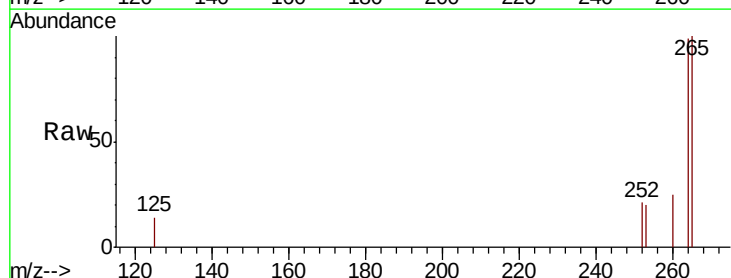


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

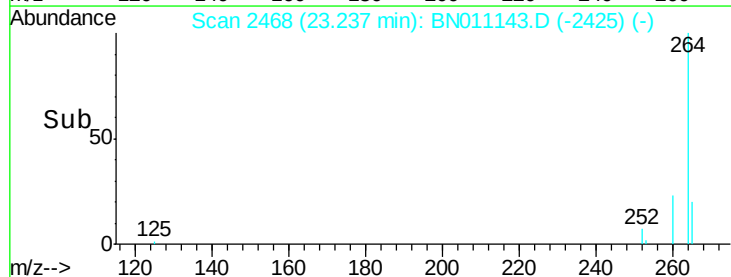
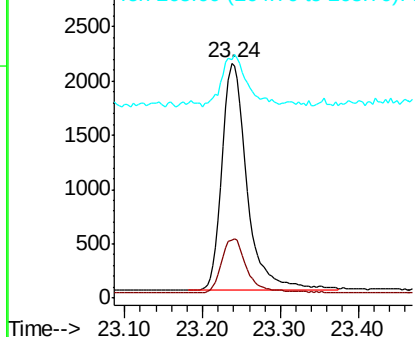


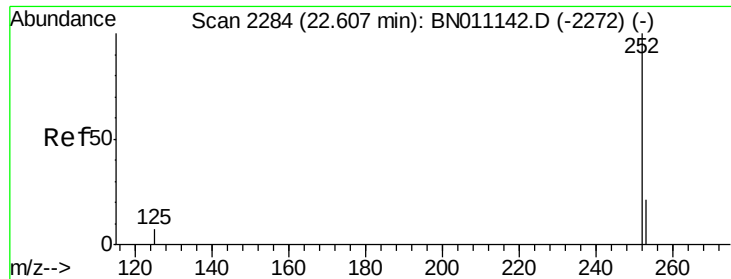
#36
Perylene-d12
Concen: 0.400 ng
RT: 23.24 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BN011143.D
Acq: 10 Jul 2020 11:22

Tgt Ion:264 Resp: 4705
Ion Ratio Lower Upper
264 100
260 24.9 20.1 30.1
265 101.5 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: 0.741 ng

RT: 22.60 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

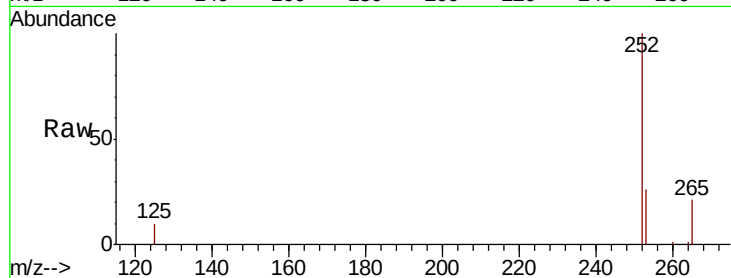
Tot Ion:252 Resp: 13970

Ion Ratio Lower Upper

252 100

253 25.6 22.6 34.0

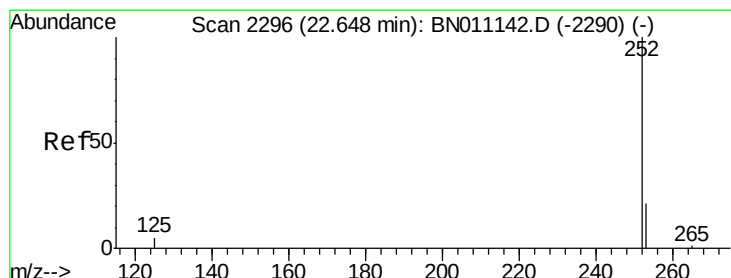
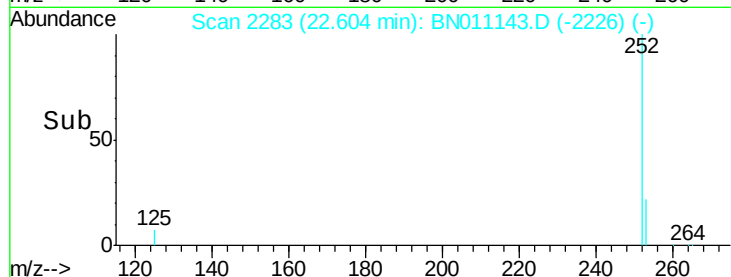
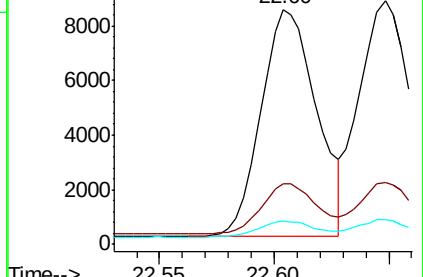
125 10.1 9.6 14.4



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: 0.776 ng

RT: 22.65 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

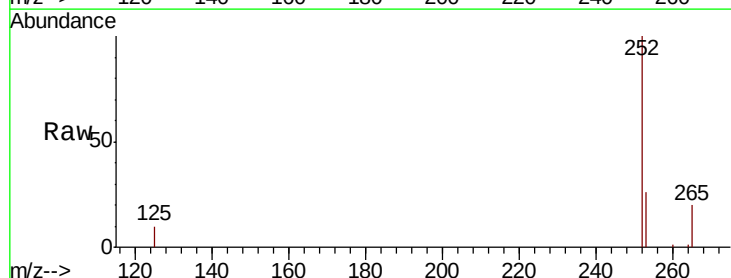
Tgt Ion:252 Resp: 15668

Ion Ratio Lower Upper

252 100

253 25.5 22.2 33.4

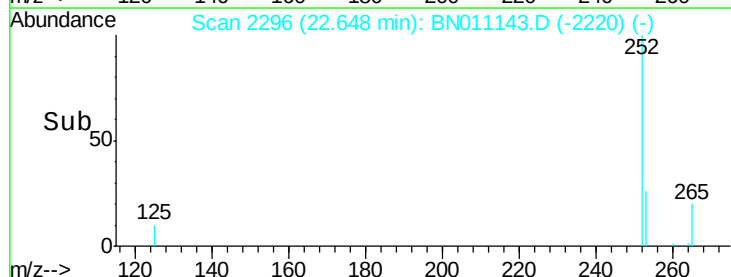
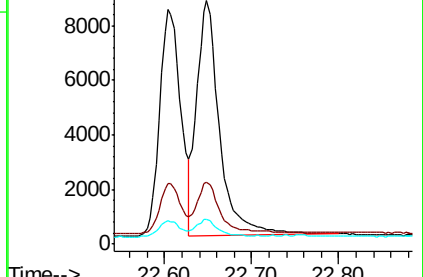
125 10.2 11.0 16.4#

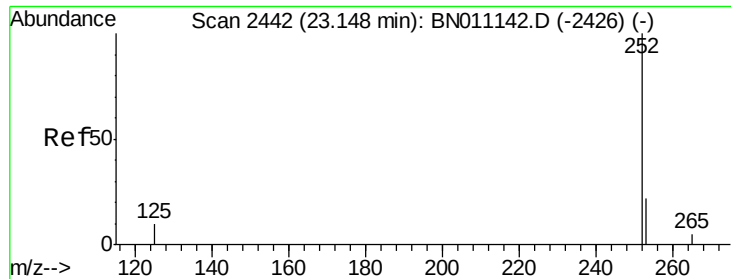


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.751 ng

RT: 23.15 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

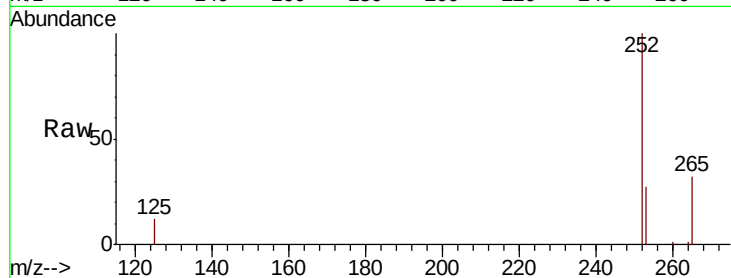
Tot Ion:252 Resp: 12207

Ion Ratio Lower Upper

252 100

253 27.4 25.8 38.6

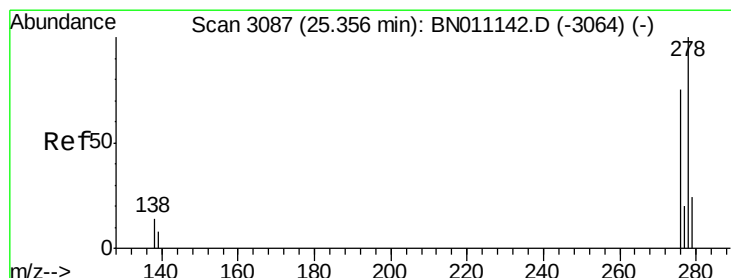
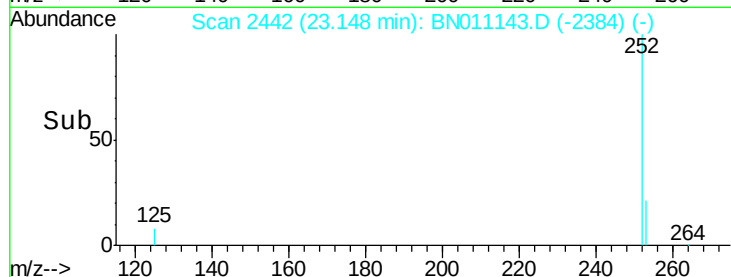
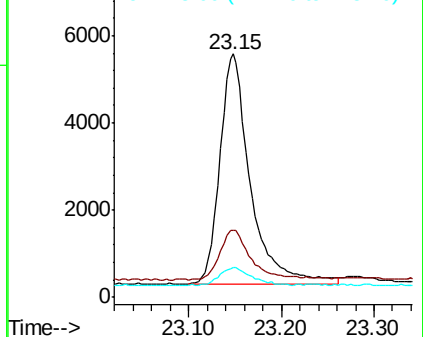
125 12.4 13.4 20.0#



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: 0.747 ng

RT: 25.35 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

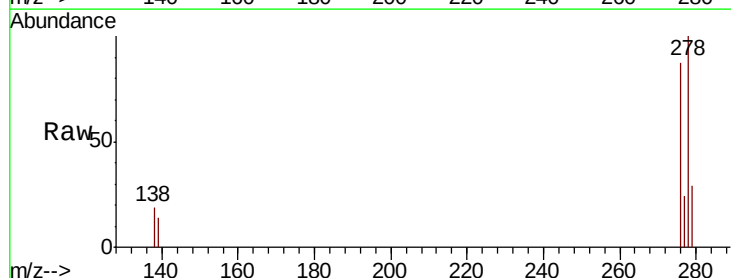
Tgt Ion:278 Resp: 12446

Ion Ratio Lower Upper

278 100

139 13.6 11.7 17.5

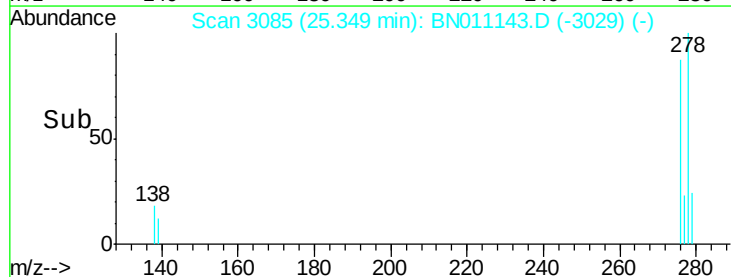
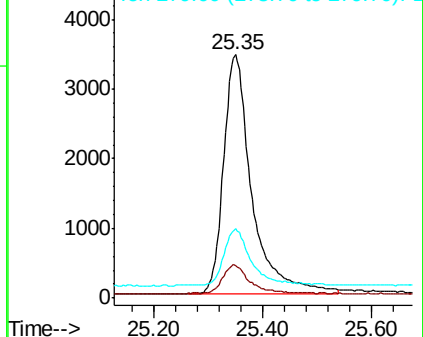
279 28.7 25.0 37.6

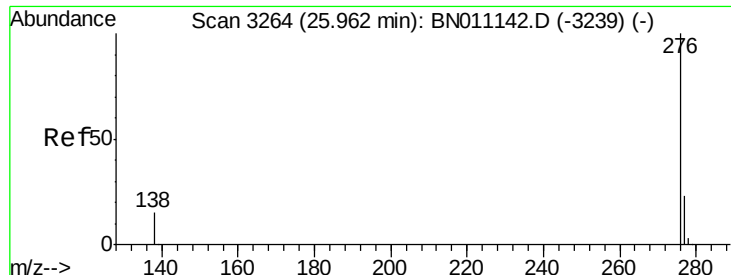


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.757 ng

RT: 25.96 min Scan# 3263

Delta R.T. -0.00 min

Lab File: BN011143.D

Acq: 10 Jul 2020 11:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

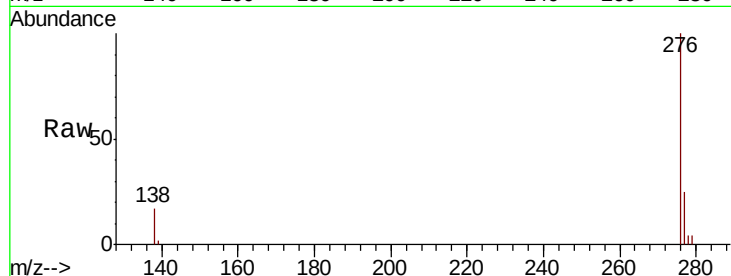
Tot Ion:276 Resp: 13884

Ion Ratio Lower Upper

276 100

277 25.1 20.5 30.7

138 17.0 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

