

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
 Data File : BN009369.D
 Acq On : 13 Jan 2020 18:06
 Operator : JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Jan 14 09:32:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 13 16:28:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1840	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	5841	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	3606	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	7670	0.40	ng	0.00
27) Chrysene-d12	21.06	240	7697	0.40	ng	-0.01
34) Perylene-d12	23.18	264	6953	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	18996	4.06	ng	0.00
5) Phenol-d6	6.67	99	23831	3.68	ng	0.00
8) Nitrobenzene-d5	8.61	82	25125	5.07	ng	-0.03
11) 2-Methylnaphthalene-d10	11.82	152	54634	5.47	ng	-0.01
14) 2,4,6-Tribromophenol	15.61	330	7822	4.52	ng	-0.02
15) 2-Fluorobiphenyl	12.72	172	66712	4.87	ng	0.00
25) Fluoranthene-d10	18.89	212	131713	5.67	ng	0.00
29) Terphenyl-d14	19.51	244	85995	4.90	ng	0.00

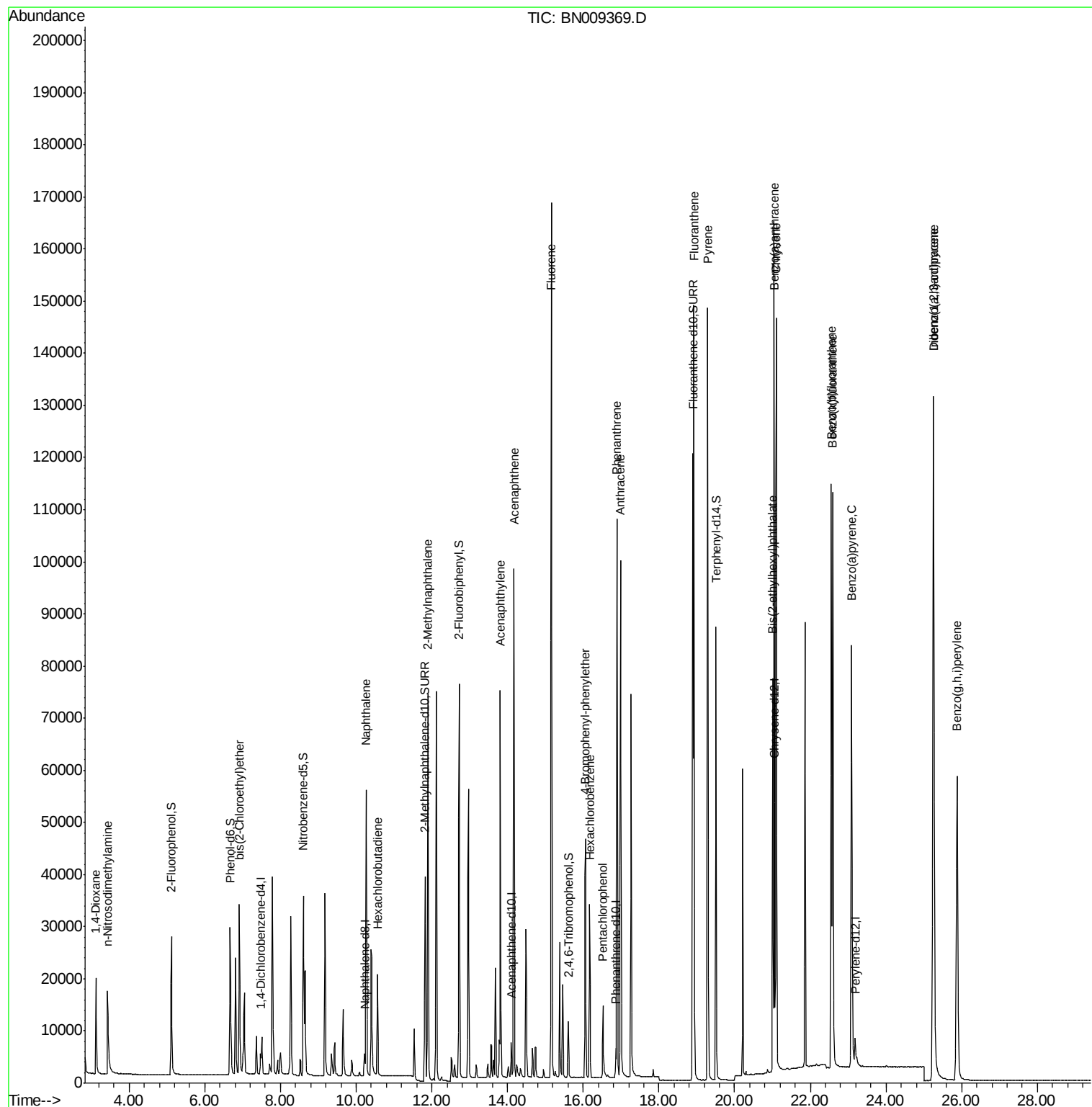
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	8706	5.042	ng	94
3) n-Nitrosodimethylamine	3.43	42	15211	6.385	ng	# 88
6) bis(2-Chloroethyl)ether	6.92	93	22937	3.763	ng	93
9) Naphthalene	10.27	128	75162	4.717	ng	96
10) Hexachlorobutadiene	10.57	225	15442	5.063	ng	# 98
12) 2-Methylnaphthalene	11.89	142	53047	4.468	ng	98
16) Acenaphthylene	13.81	152	83975	5.091	ng	100
17) Acenaphthene	14.17	154	52842	4.825	ng	98
18) Fluorene	15.16	166	68638	4.660	ng	99
20) 4-Bromophenyl-phenylether	16.06	248	23081	5.031	ng	# 89
21) Hexachlorobenzene	16.17	284	23551	4.507	ng	97
22) Pentachlorophenol	16.52	266	8342	4.425	ng	# 86
23) Phenanthrene	16.89	178	113133	4.686	ng	100
24) Anthracene	16.99	178	103322	4.860	ng	99
26) Fluoranthene	18.92	202	135760	4.726	ng	99
28) Pyrene	19.29	202	134063	4.971	ng	100
30) Benzo(a)anthracene	21.05	228	130287	4.774	ng	97
31) Chrysene	21.10	228	131899	4.663	ng	97
32) Bis(2-ethylhexyl)phthalate	21.00	149	58119	4.548	ng	99
33) Indeno(1,2,3-cd)pyrene	25.25	276	145201	4.848	ng	97
35) Benzo(b)fluoranthene	22.55	252	132355	5.317	ng	# 88
36) Benzo(k)fluoranthene	22.59	252	131453	5.246	ng	# 88
37) Benzo(a)pyrene	23.09	252	114950	5.142	ng	# 81
38) Dibenzo(a,h)anthracene	25.26	278	118051	5.630	ng	# 90
39) Benzo(g,h,i)perylene	25.88	276	120464	5.821	ng	96

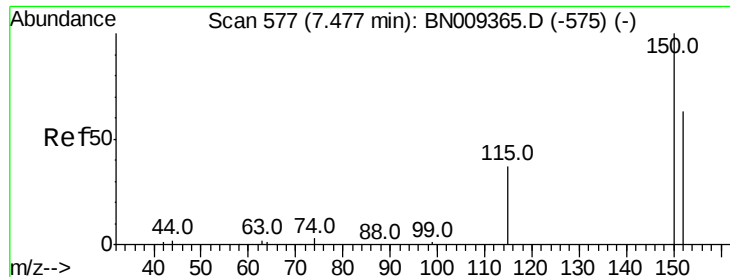
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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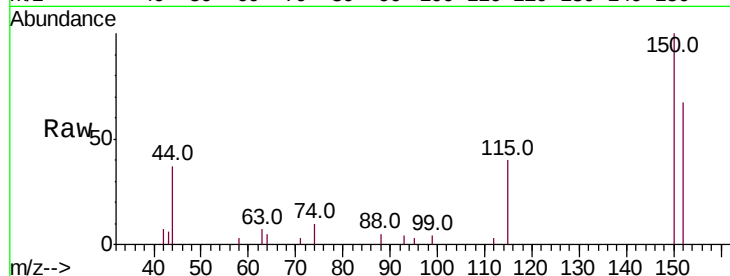


#1

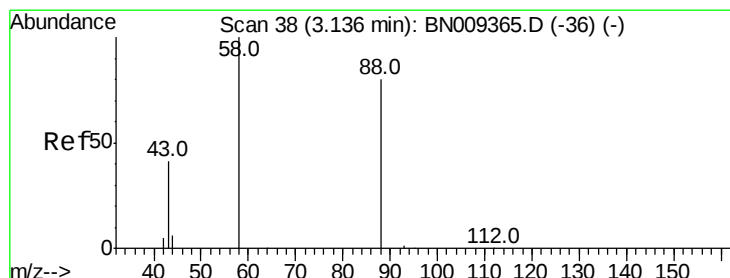
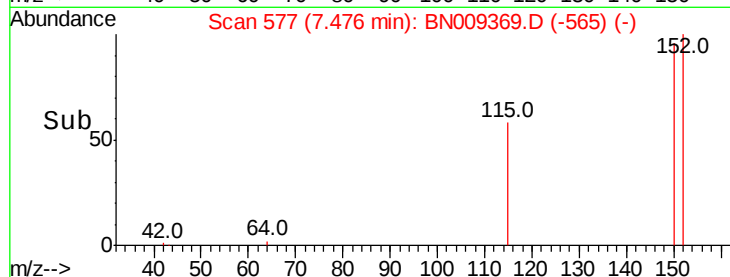
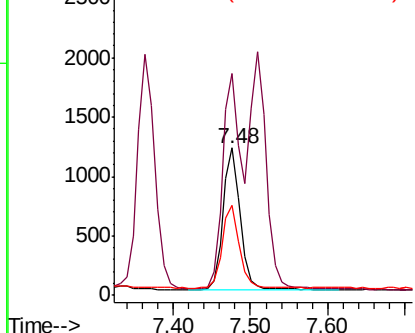
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009369.D
Acq: 13 Jan 2020 18:06

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tot Ion:152 Resp: 1840
Ion Ratio Lower Upper
152 100
150 150.3 125.7 188.5
115 60.7 53.3 79.9



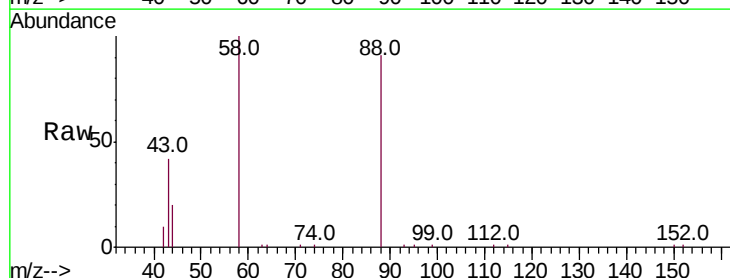
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



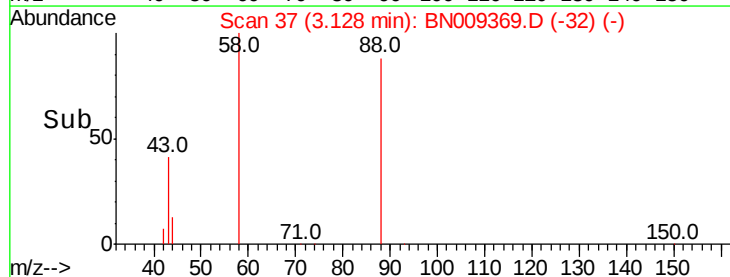
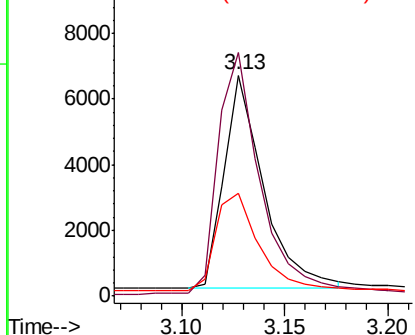
#2

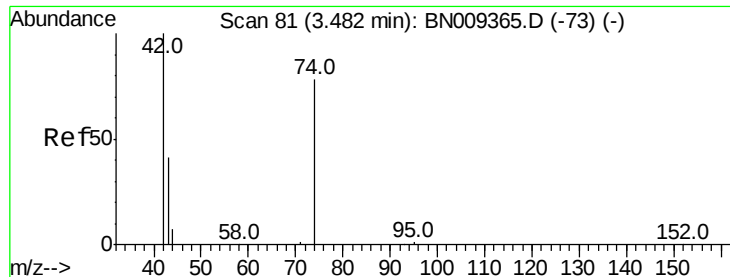
1,4-Dioxane
Concen: 5.042 ng
RT: 3.13 min Scan# 37
Delta R.T. -0.01 min
Lab File: BN009369.D
Acq: 13 Jan 2020 18:06

Tgt Ion: 88 Resp: 8706
Ion Ratio Lower Upper
88 100
58 119.0 100.2 150.2
43 49.9 43.1 64.7



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: 6.385 ng

RT: 3.43 min Scan# 74

Delta R.T. -0.06 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

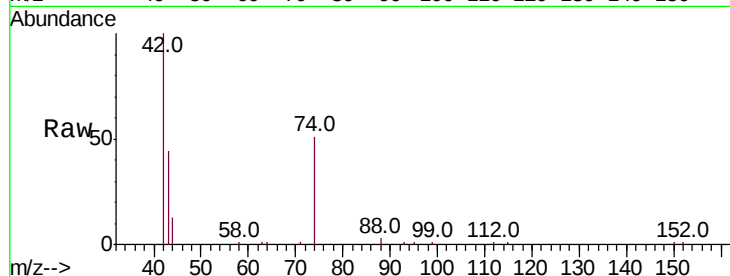
Tot Ion: 42 Resp: 15211

Ion Ratio Lower Upper

42 100

74 78.3 55.8 83.8

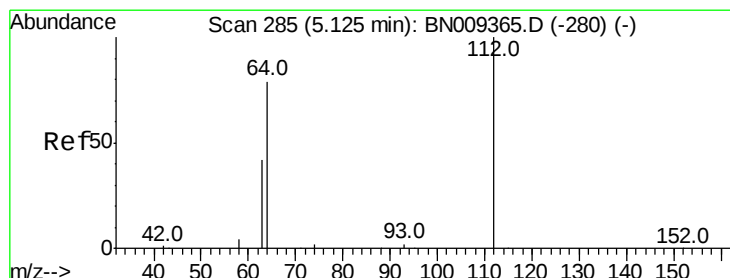
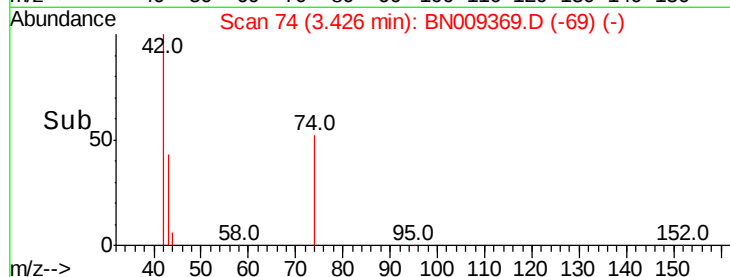
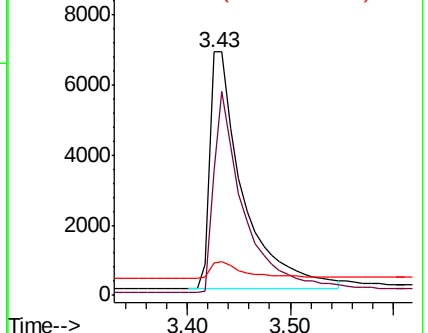
44 6.4 11.1 16.7#



Abundance Ion 42.00 (41.70 to 42.70): BN009365.D (-73) (-)

Ion 74.00 (73.70 to 74.70): BN009365.D (-73) (-)

Ion 44.00 (43.70 to 44.70): BN009365.D (-73) (-)



#4

2-Fluorophenol

Concen: 4.062 ng

RT: 5.12 min Scan# 284

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

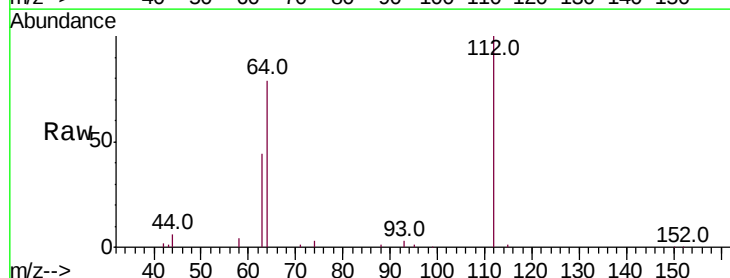
Tgt Ion: 112 Resp: 18996

Ion Ratio Lower Upper

112 100

64 77.0 61.5 92.3

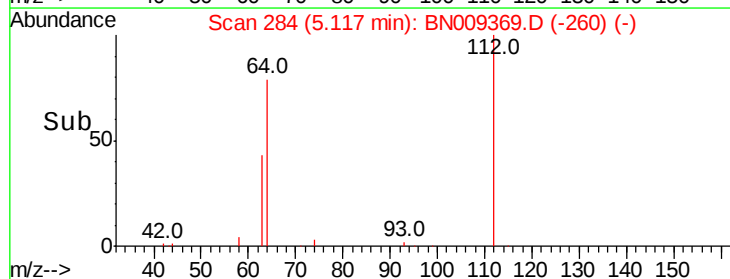
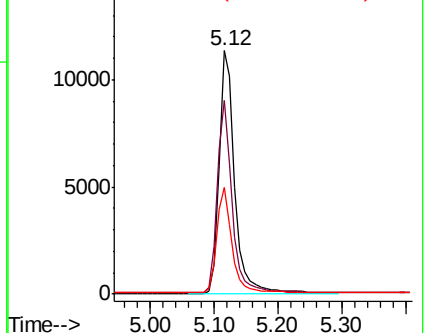
63 42.5 35.0 52.4

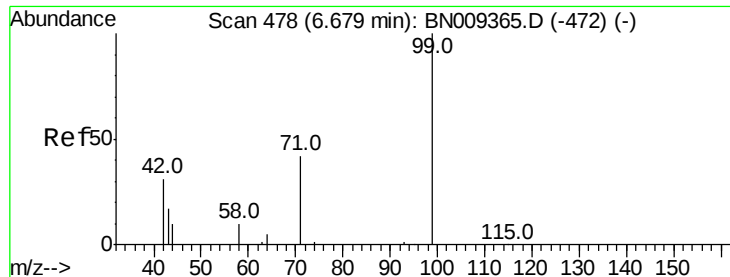


Abundance Ion 112.00 (111.70 to 112.70): BN009365.D (-280) (-)

Ion 64.00 (63.70 to 64.70): BN009365.D (-280) (-)

Ion 63.00 (62.70 to 63.70): BN009365.D (-280) (-)





#5

Phenol-d6

Concen: 3.684 ng

RT: 6.67 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

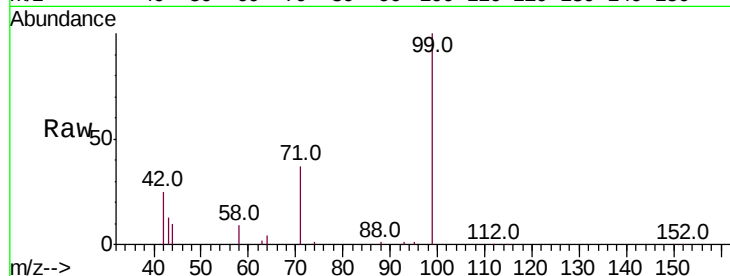
Tot Ion: 99 Resp: 23831

Ion Ratio Lower Upper

99 100

42 32.0 27.6 41.4

71 39.6 33.0 49.6

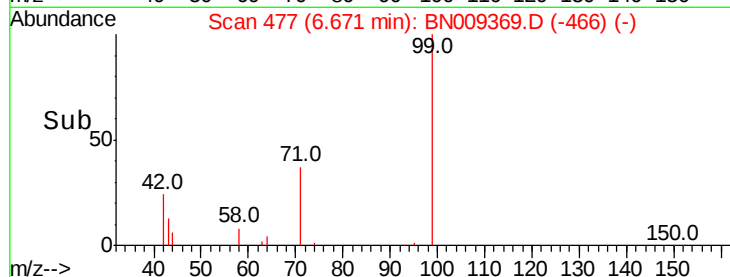


Abundance Ion 99.00 (98.70 to 99.70): BN009369.D (-466) (-)

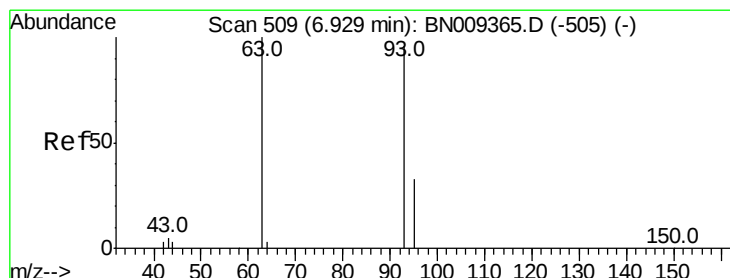
Ion 42.00 (41.70 to 42.70): BN009369.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN009369.D (-466) (-)

6.67



Time--> 6.50 6.60 6.70 6.80 6.90



#6

bis(2-Chloroethyl)ether

Concen: 3.763 ng

RT: 6.92 min Scan# 508

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

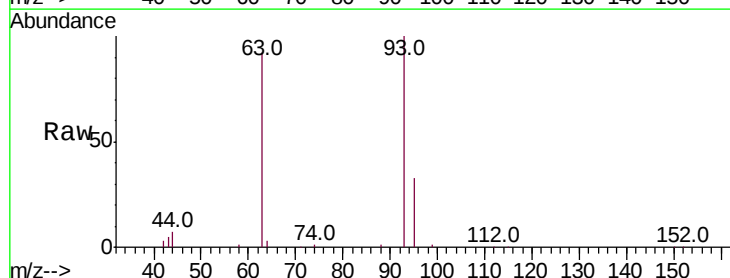
Tgt Ion: 93 Resp: 22937

Ion Ratio Lower Upper

93 100

63 99.8 85.1 127.7

95 31.6 30.2 45.4

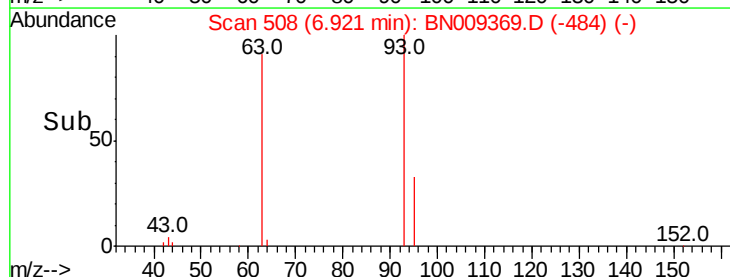


Abundance Ion 93.00 (92.70 to 93.70): BN009369.D (-484) (-)

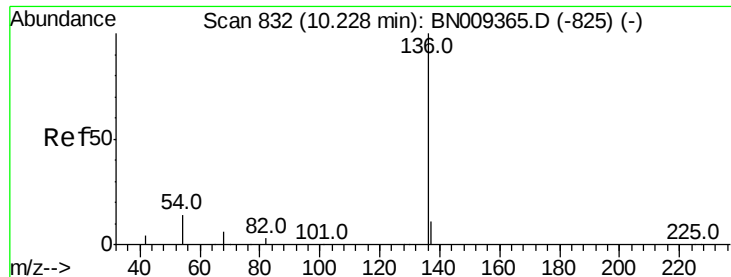
Ion 63.00 (62.70 to 63.70): BN009369.D (-484) (-)

Ion 95.00 (94.70 to 95.70): BN009369.D (-484) (-)

6.92



Time--> 6.90 7.00



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 5841

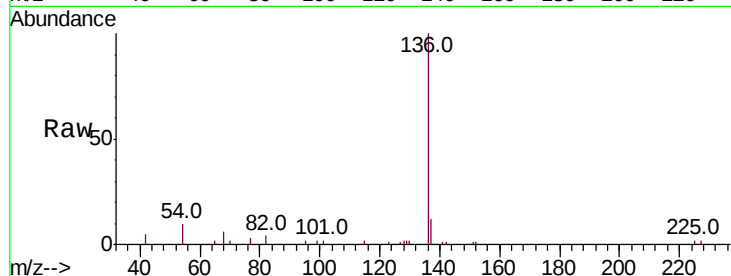
Ion Ratio Lower Upper

136 100

137 12.1 10.3 15.5

54 10.0 12.6 19.0#

68 5.5 6.5 9.7#

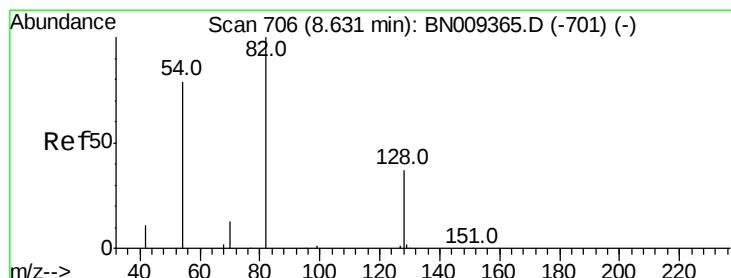
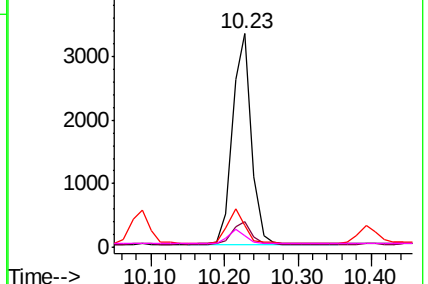
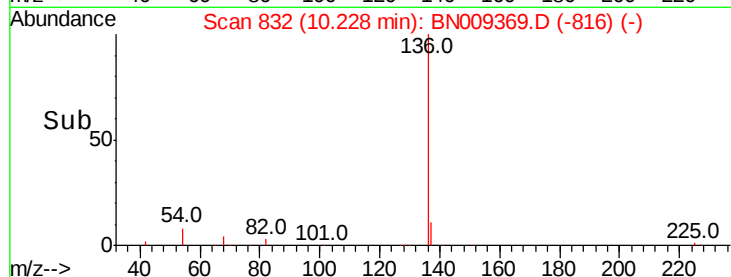


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.072 ng

RT: 8.61 min Scan# 704

Delta R.T. -0.03 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

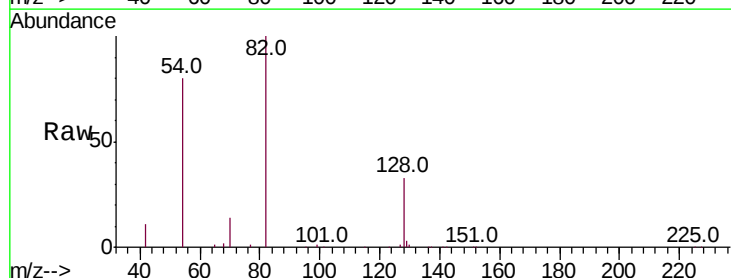
Tgt Ion: 82 Resp: 25125

Ion Ratio Lower Upper

82 100

128 32.8 34.8 52.2#

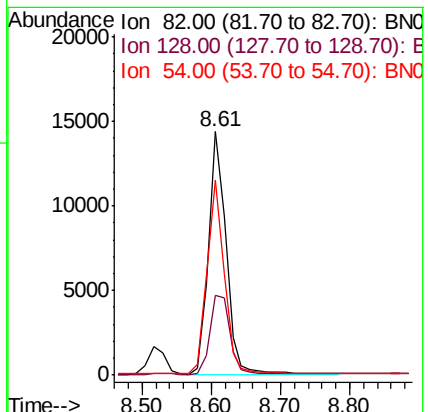
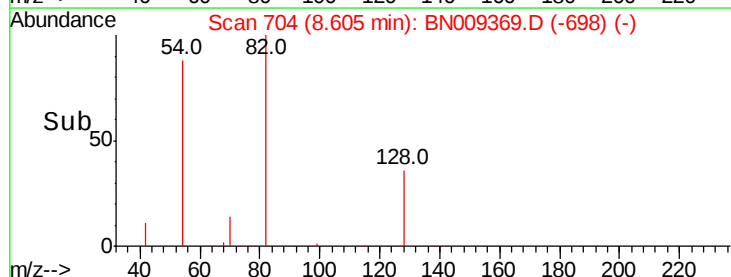
54 80.0 65.8 98.6

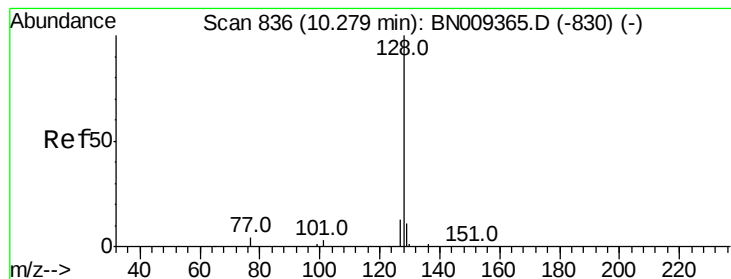


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 4.717 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

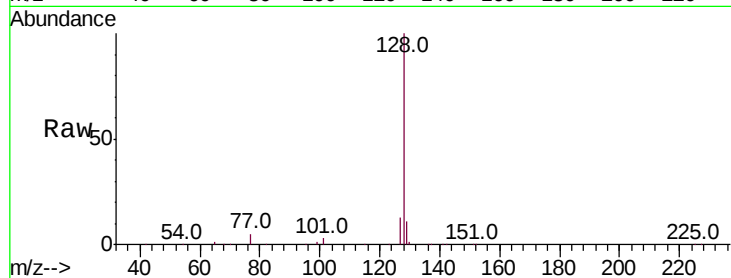
Tot Ion:128 Resp: 75162

Ion Ratio Lower Upper

128 100

129 10.9 10.4 15.6

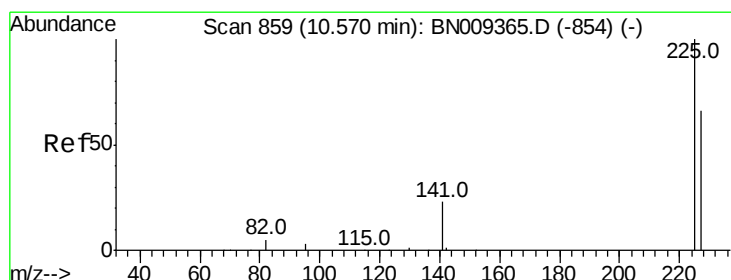
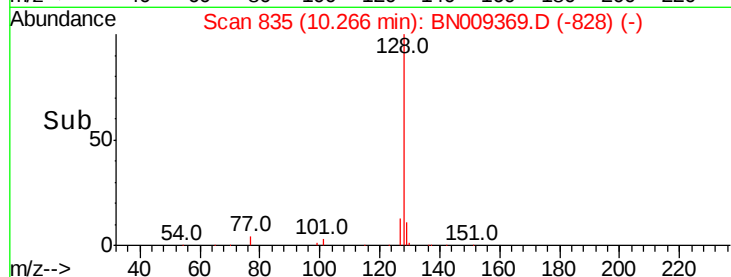
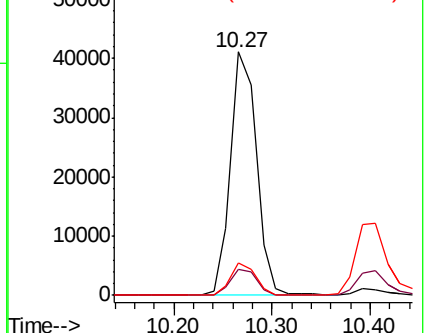
127 13.4 11.4 17.2



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: 5.063 ng

RT: 10.57 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

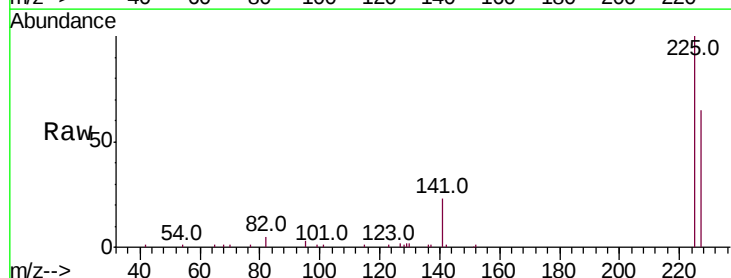
Tgt Ion:225 Resp: 15442

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

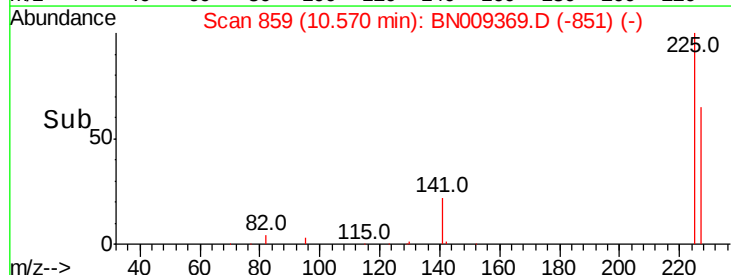
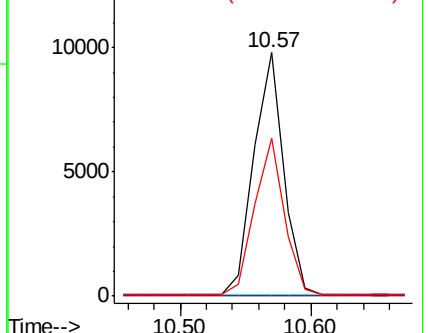
227 64.1 52.6 78.8

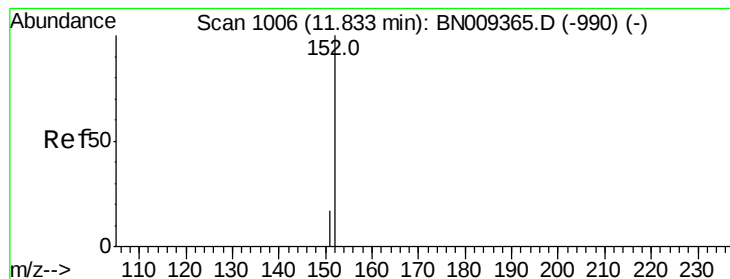


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 5.470 ng

RT: 11.82 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

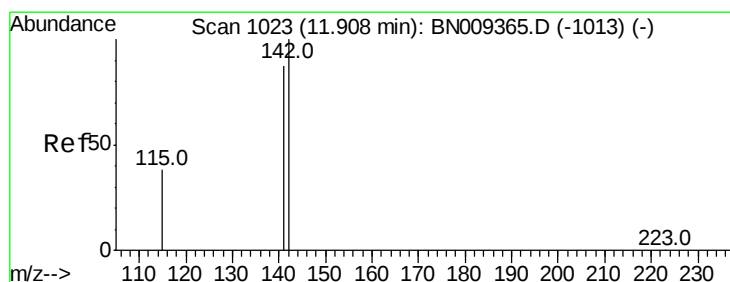
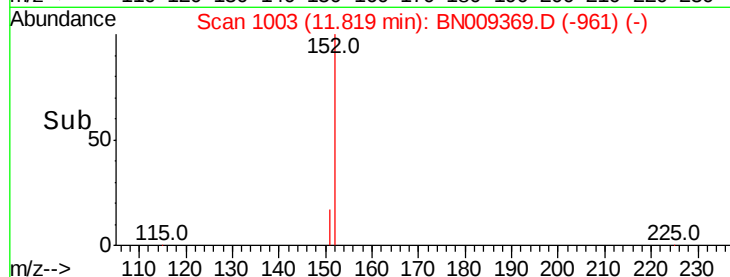
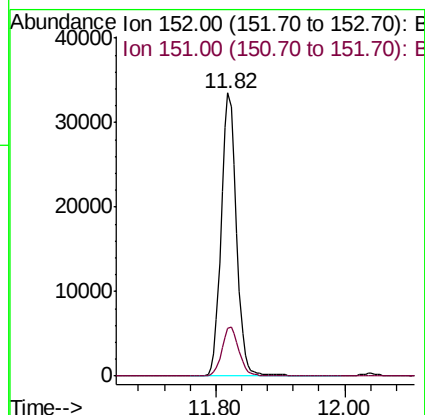
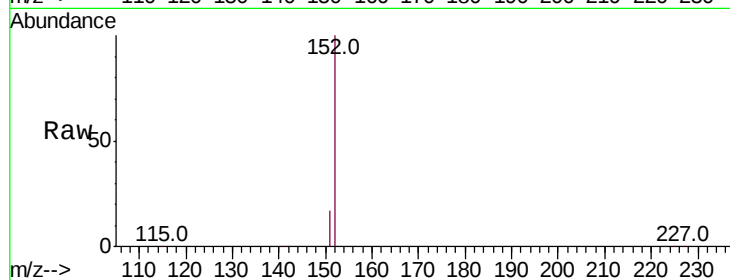
SSTDICC5.0

Tot Ion:152 Resp: 54634

Ion Ratio Lower Upper

152 100

151 18.9 14.8 22.2



#12

2-Methylnaphthalene

Concen: 4.468 ng

RT: 11.89 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

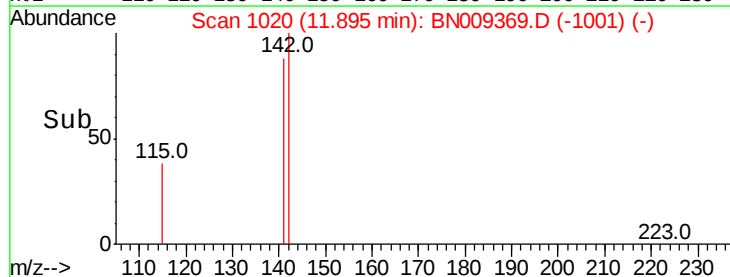
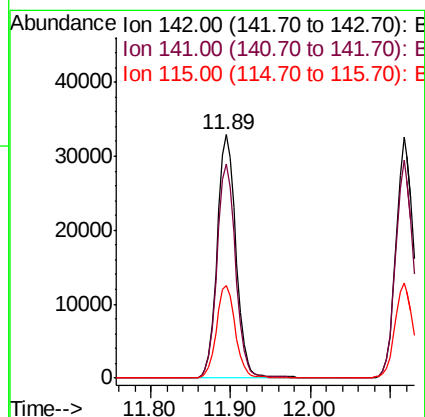
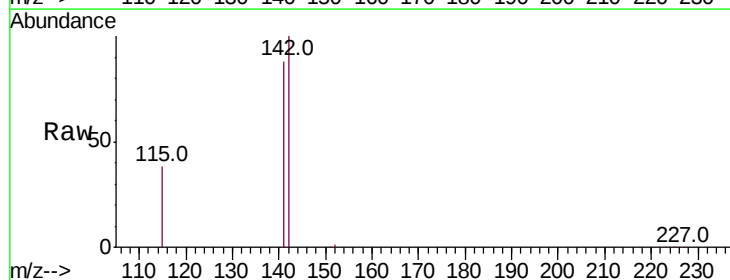
Tgt Ion:142 Resp: 53047

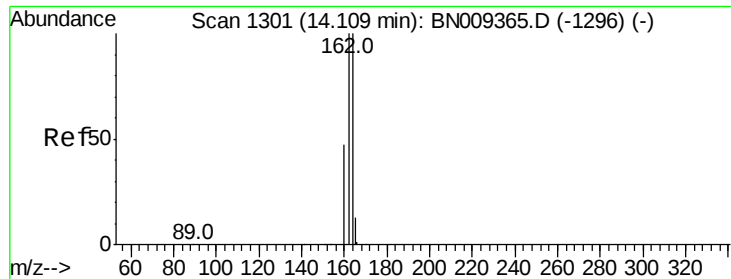
Ion Ratio Lower Upper

142 100

141 87.7 69.8 104.6

115 37.8 32.5 48.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

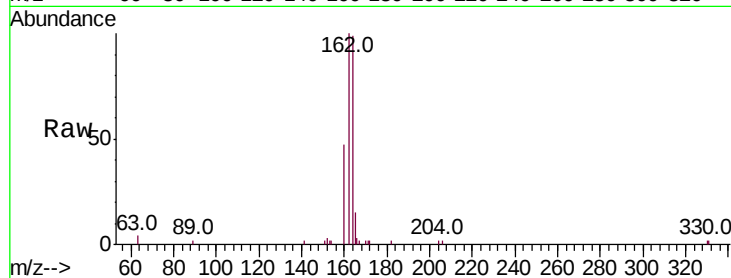
Tot Ion:164 Resp: 3606

Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.6

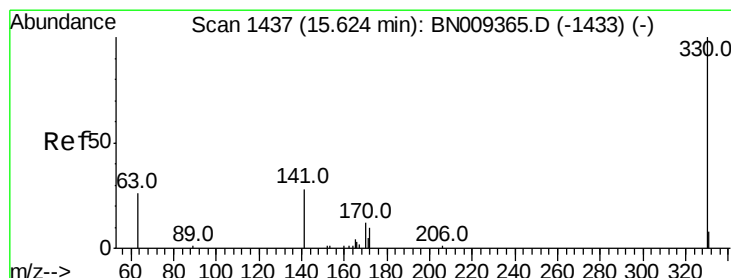
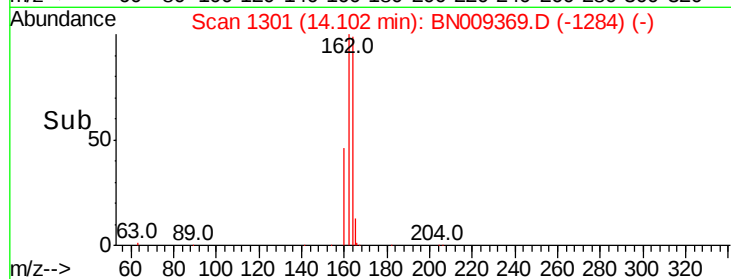
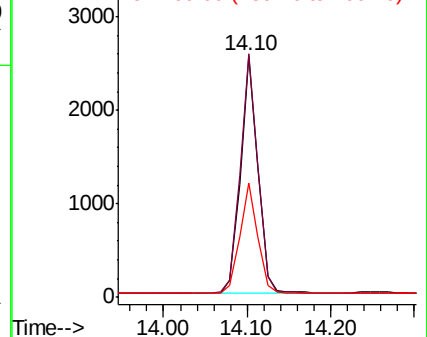
160 47.6 38.4 57.6



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: 4.519 ng

RT: 15.61 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

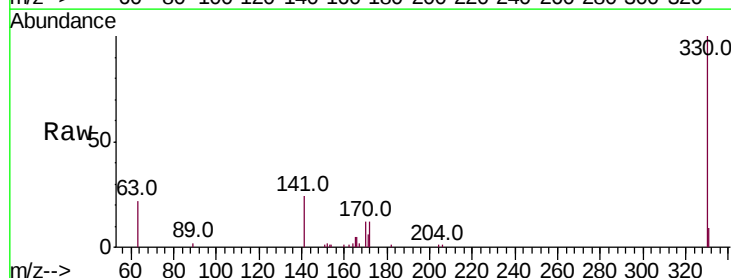
Tgt Ion:330 Resp: 7822

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

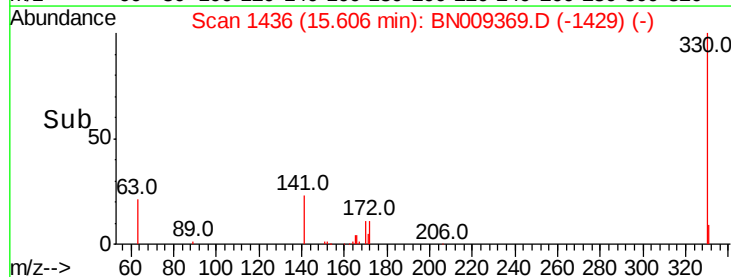
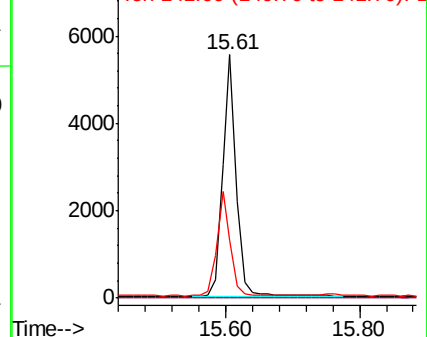
141 42.9 33.1 49.7

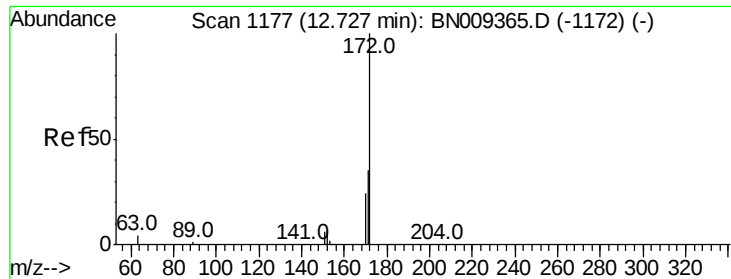


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

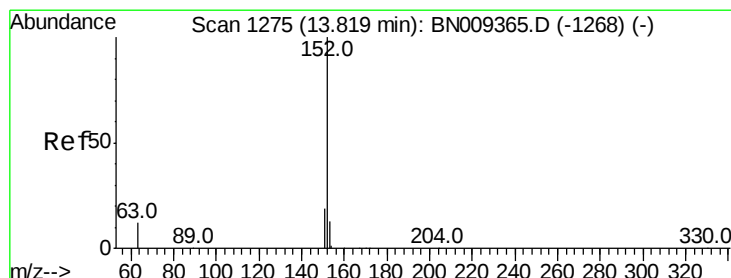
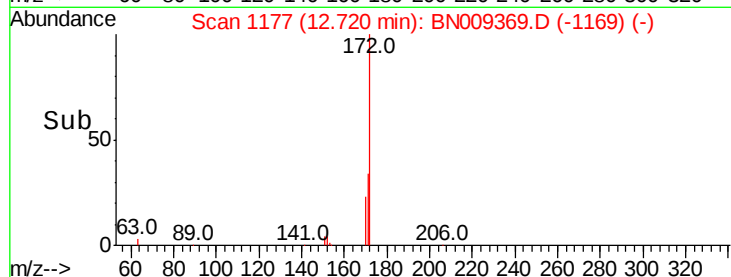
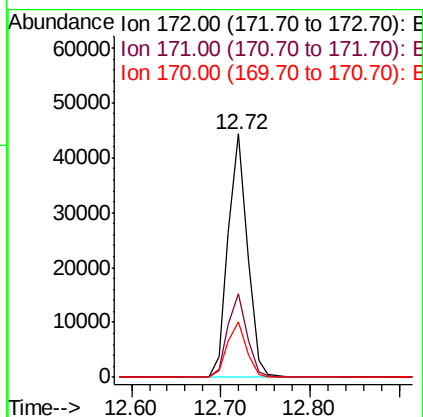
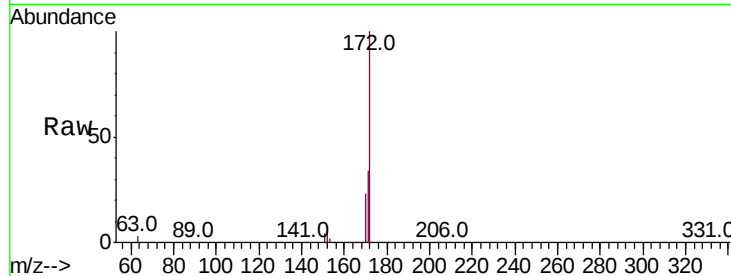




#15
 2-Fluorobiphenyl
 Concen: 4.872 ng
 RT: 12.72 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BN009369.D
 Acq: 13 Jan 2020 18:06

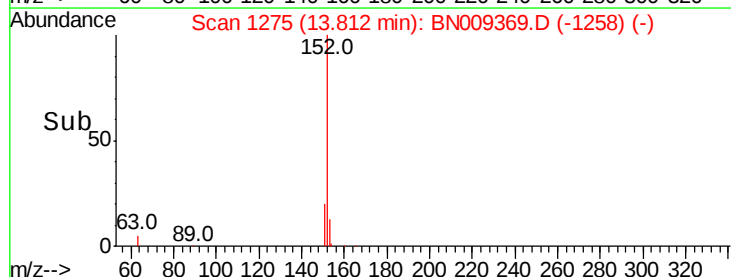
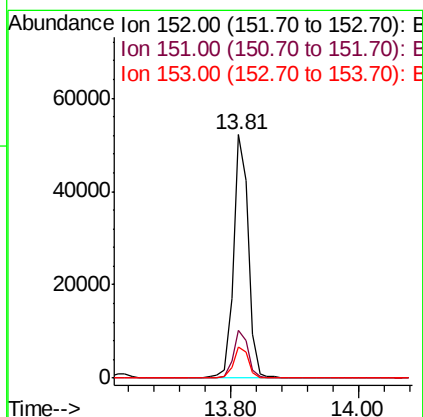
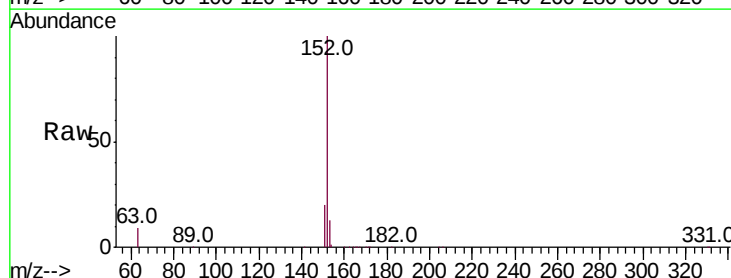
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

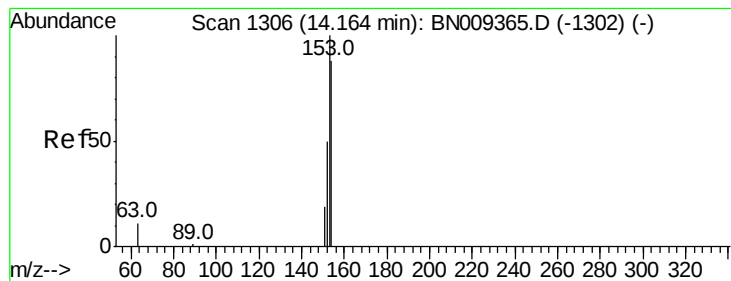
Tot Ion:172 Resp: 66712
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.5 44.3
 170 22.7 20.7 31.1



#16
 Acenaphthylene
 Concen: 5.091 ng
 RT: 13.81 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BN009369.D
 Acq: 13 Jan 2020 18:06

Tgt Ion:152 Resp: 83975
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.2
 153 12.9 10.4 15.6





#17

Acenaphthene

Concen: 4.825 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

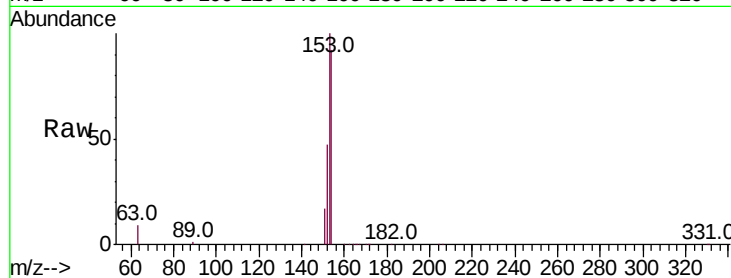
Tot Ion:154 Resp: 52842

Ion Ratio Lower Upper

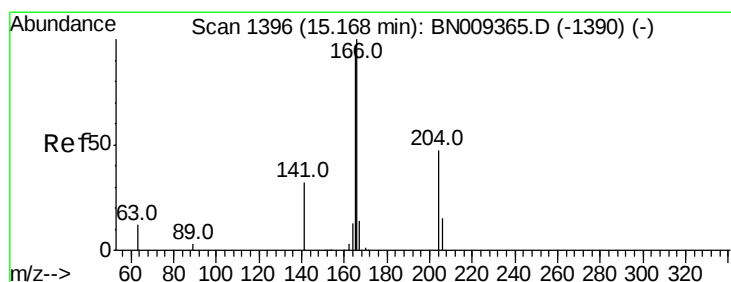
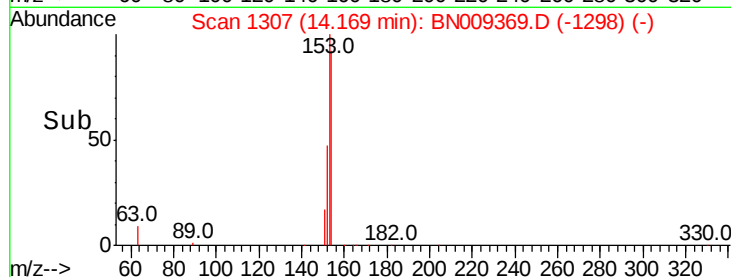
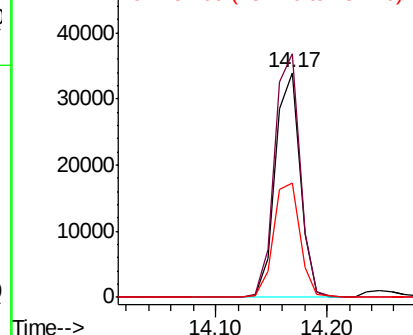
154 100

153 111.1 90.5 135.7

152 54.1 45.3 67.9



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: 4.660 ng

RT: 15.16 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

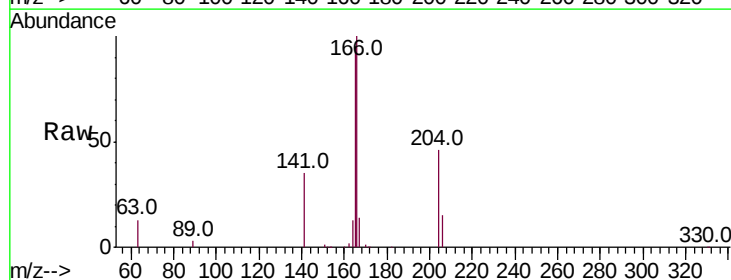
Tgt Ion:166 Resp: 68638

Ion Ratio Lower Upper

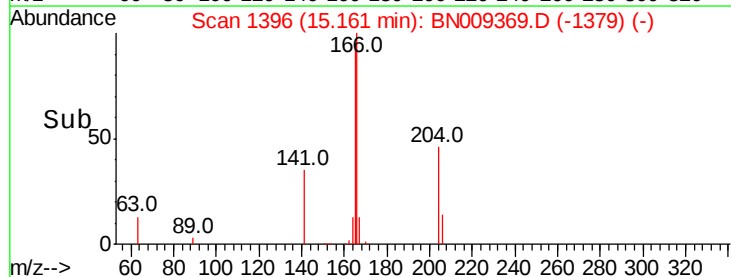
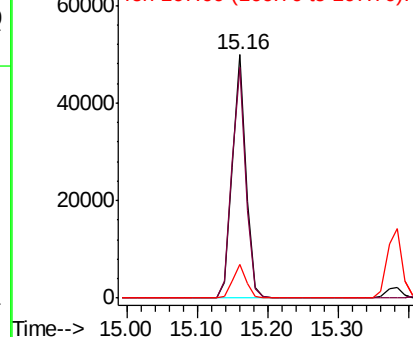
166 100

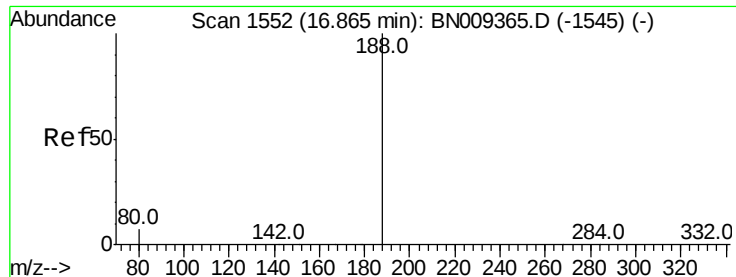
165 96.4 78.2 117.2

167 13.5 11.0 16.6



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: 16.86 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

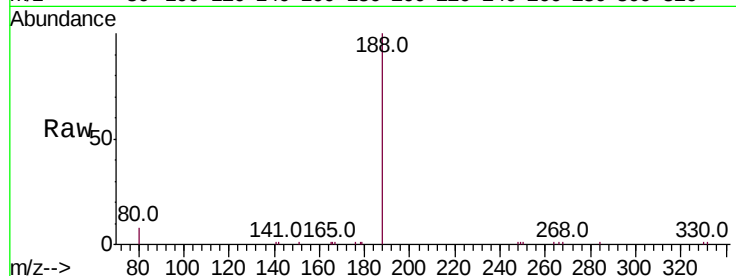
Tot Ion:188 Resp: 7670

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

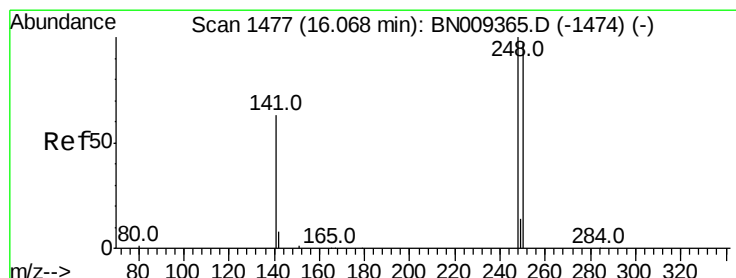
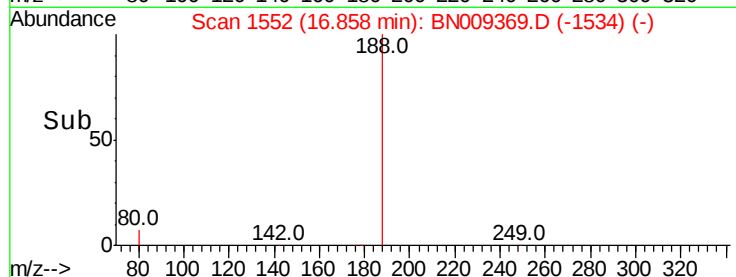
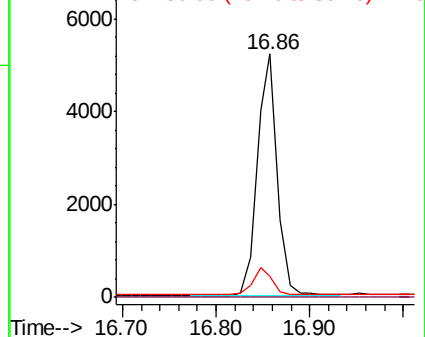
80 8.4 6.6 10.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 5.031 ng

RT: 16.06 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

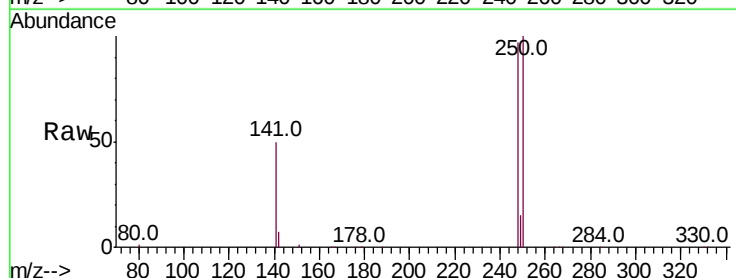
Tgt Ion:248 Resp: 23081

Ion Ratio Lower Upper

248 100

250 102.8 77.8 116.8

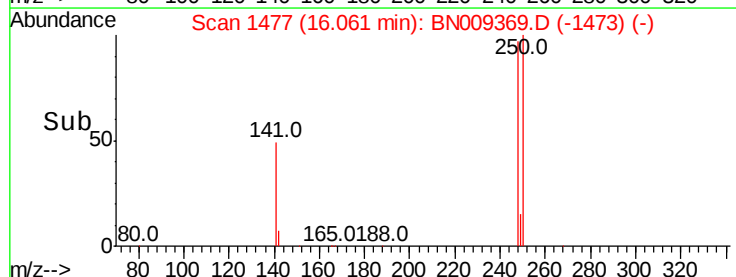
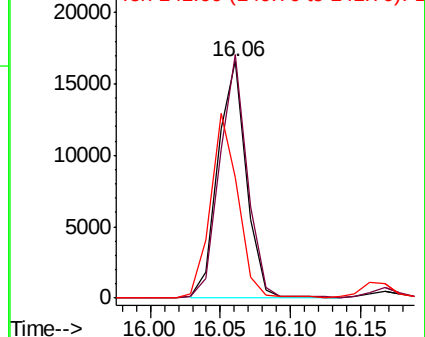
141 51.0 53.4 80.0#

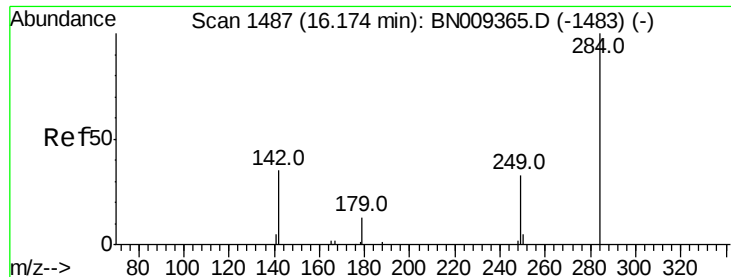


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.507 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

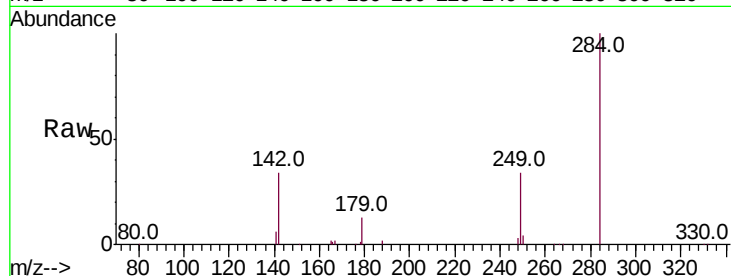
Tot Ion:284 Resp: 23551

Ion Ratio Lower Upper

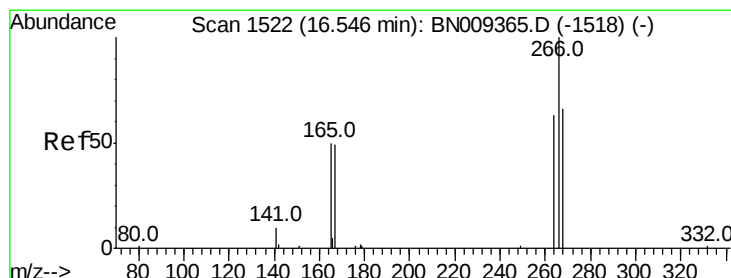
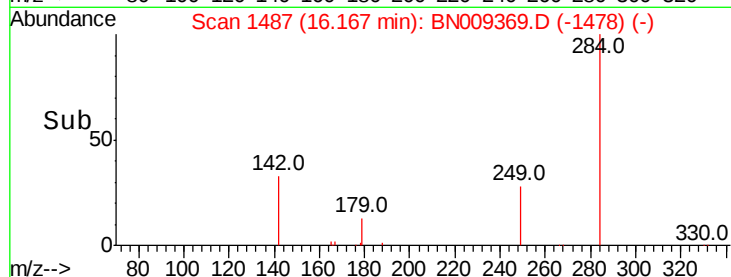
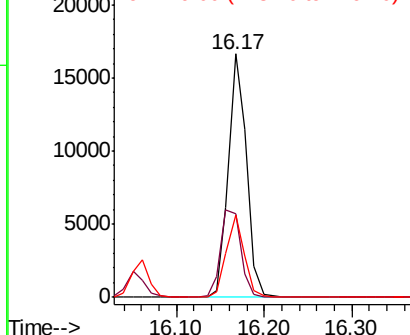
284 100

142 40.0 33.8 50.8

249 32.5 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 4.425 ng

RT: 16.52 min Scan# 1520

Delta R.T. -0.03 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

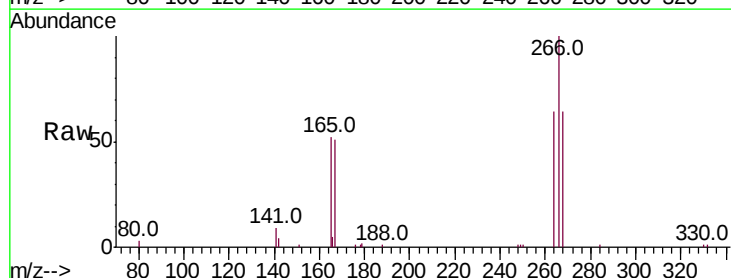
Tgt Ion:266 Resp: 8342

Ion Ratio Lower Upper

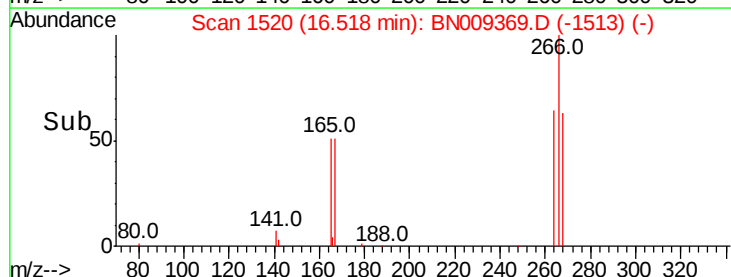
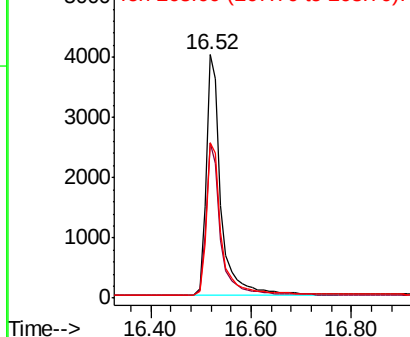
266 100

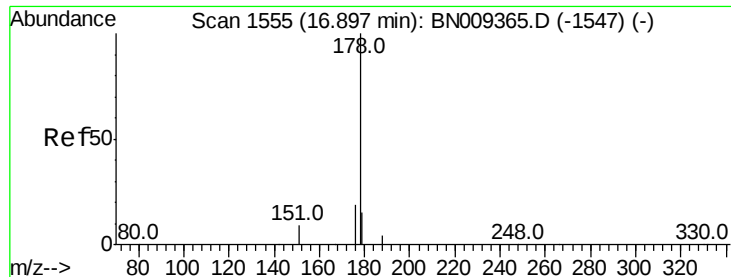
264 64.0 57.8 86.6

268 63.6 63.8 95.6#



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





#23

Phenanthrene

Concen: 4.686 ng

RT: 16.89 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDIC5.0

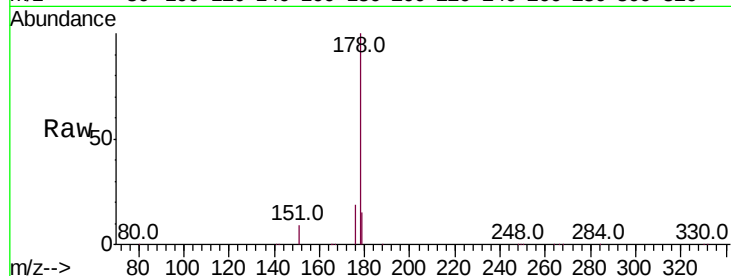
Tot Ion:178 Resp: 113133

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

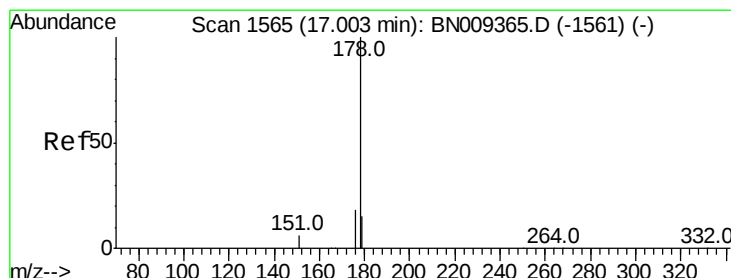
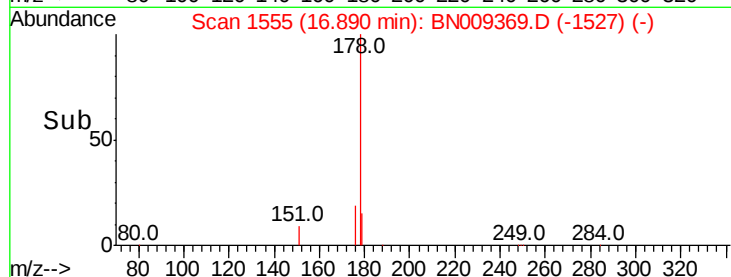
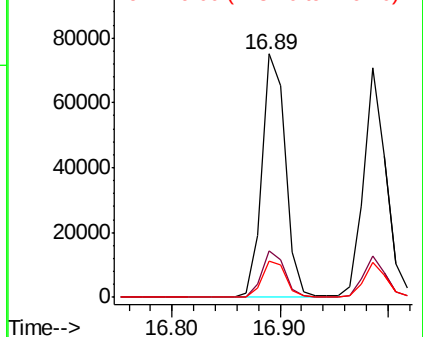
179 15.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 4.860 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.02 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

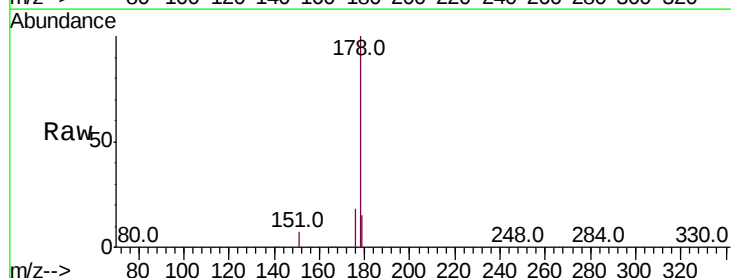
Tgt Ion:178 Resp: 103322

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

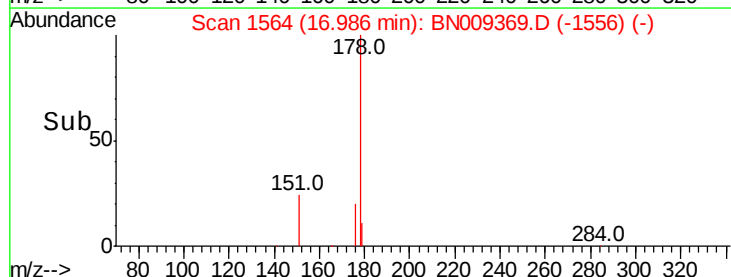
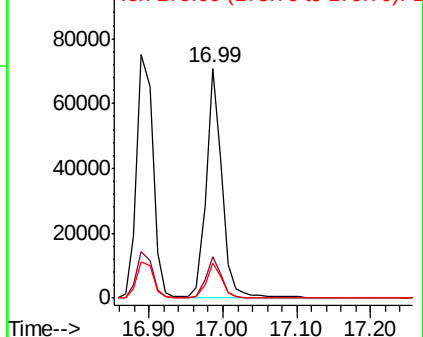
179 15.3 12.5 18.7

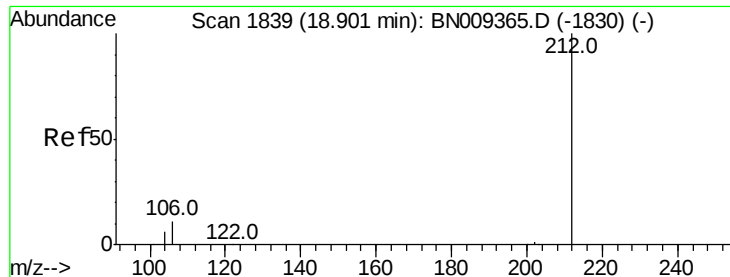


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 5.674 ng

RT: 18.89 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

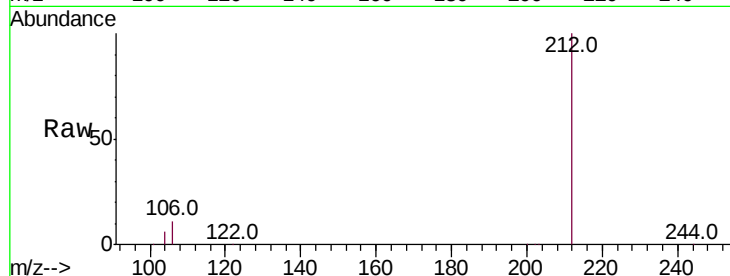
Tot Ion:212 Resp: 131713

Ion Ratio Lower Upper

212 100

106 12.2 9.2 13.8

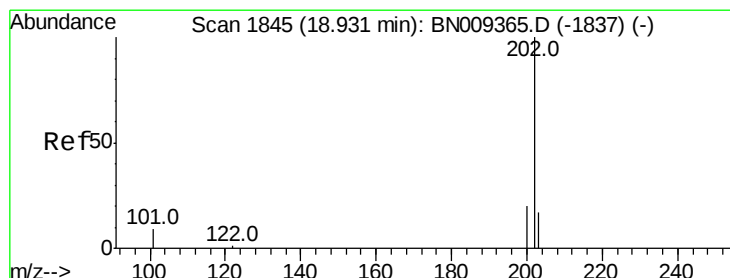
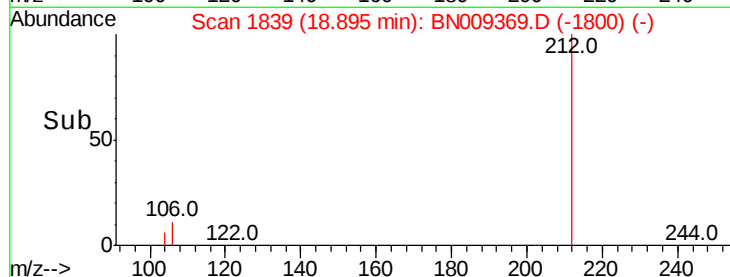
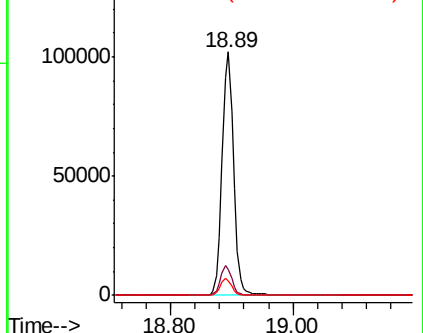
104 6.9 5.4 8.0



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



#26

Fluoranthene

Concen: 4.726 ng

RT: 18.92 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

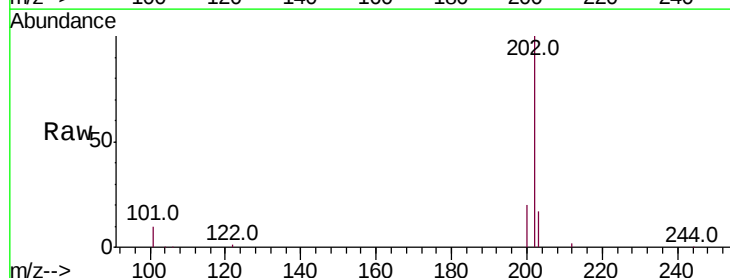
Tgt Ion:202 Resp: 135760

Ion Ratio Lower Upper

202 100

101 10.3 8.0 12.0

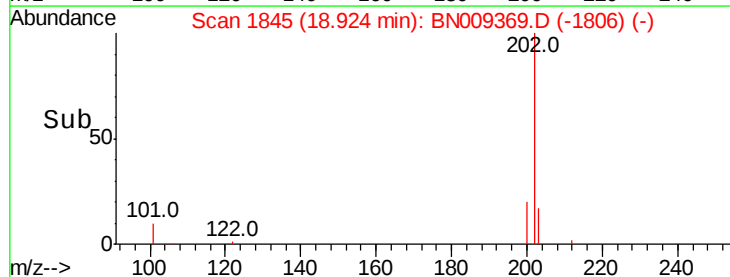
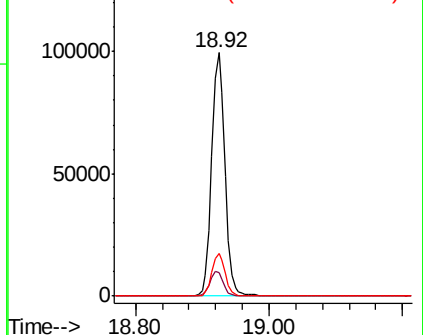
203 17.3 13.5 20.3

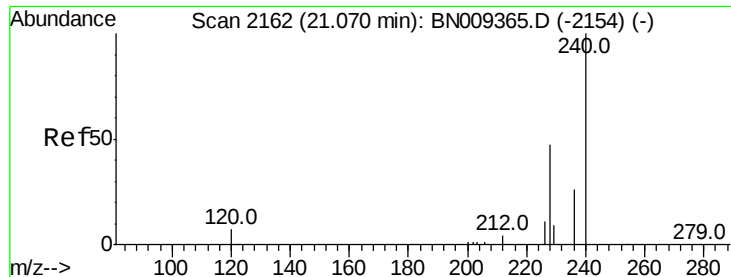


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

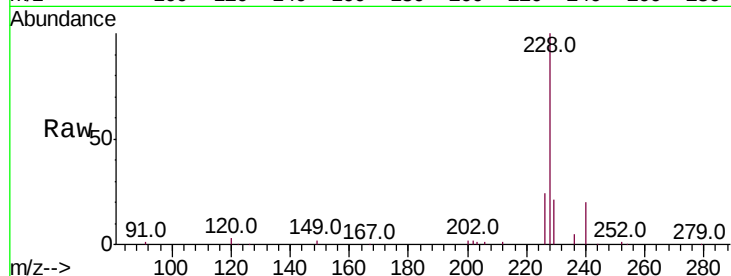
Tot Ion:240 Resp: 7697

Ion Ratio Lower Upper

240 100

120 13.2 8.1 12.1#

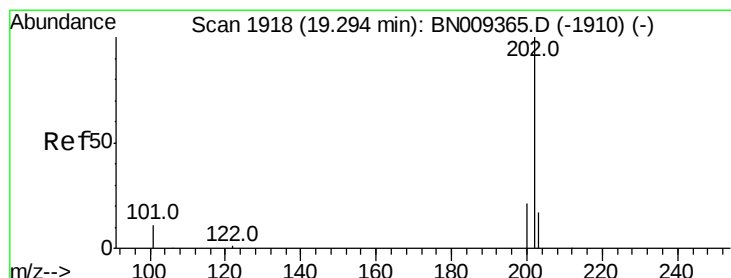
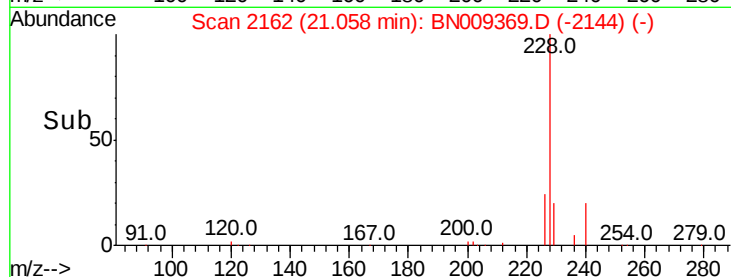
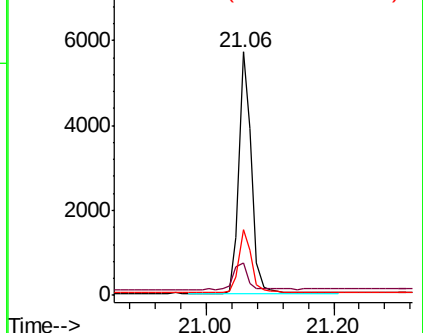
236 27.1 22.2 33.4



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



#28

Pyrene

Concen: 4.971 ng

RT: 19.29 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

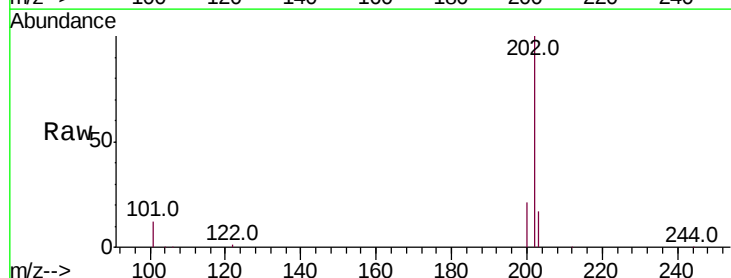
Tgt Ion:202 Resp: 134063

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

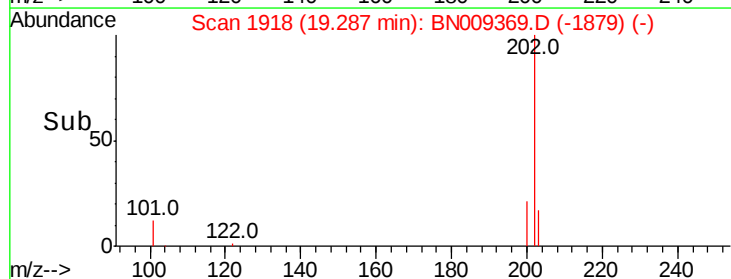
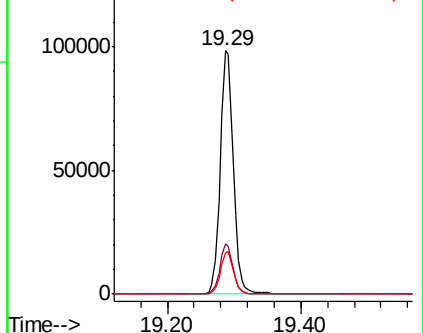
203 17.3 14.1 21.1

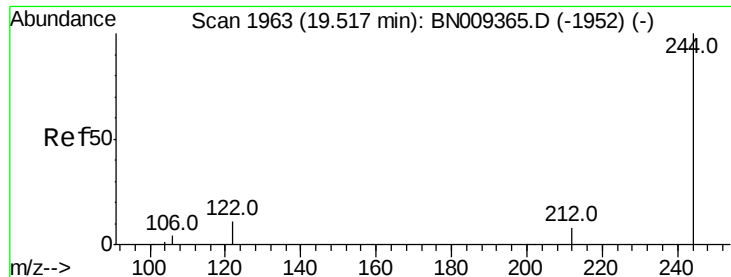


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.896 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

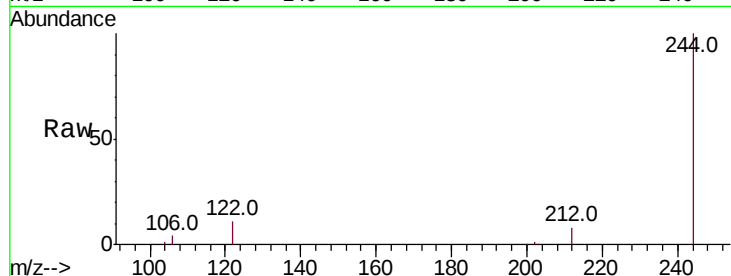
Tot Ion:244 Resp: 85995

Ion Ratio Lower Upper

244 100

212 8.1 7.5 11.3

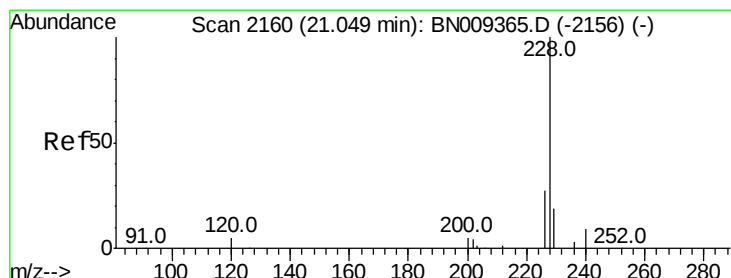
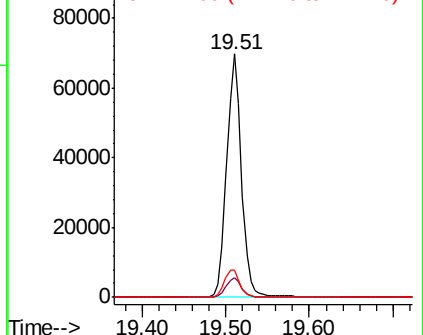
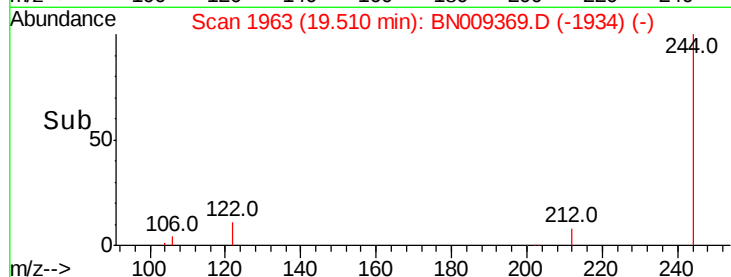
122 11.0 9.8 14.6



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



#30

Benzo(a)anthracene

Concen: 4.774 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

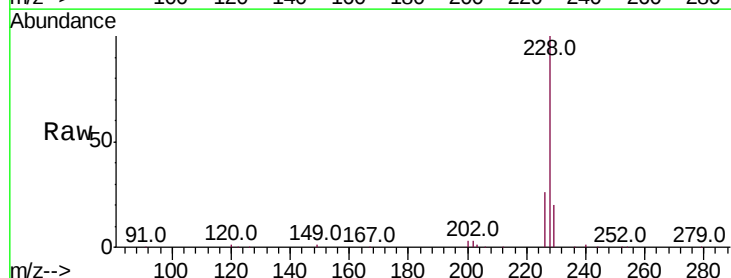
Tgt Ion:228 Resp: 130287

Ion Ratio Lower Upper

228 100

226 25.8 22.5 33.7

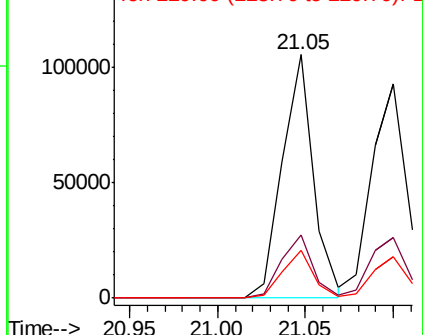
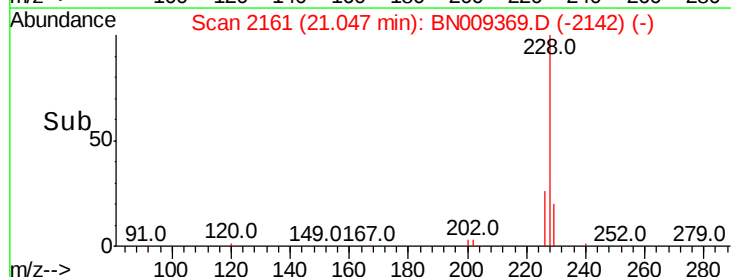
229 19.8 16.1 24.1

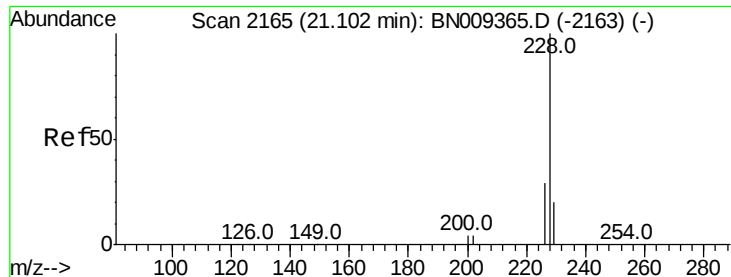


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 4.663 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

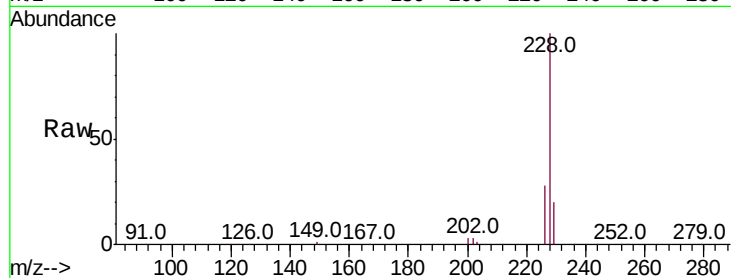
BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:228 Resp: 131899

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.8	35.8
229	19.5	16.6	24.8

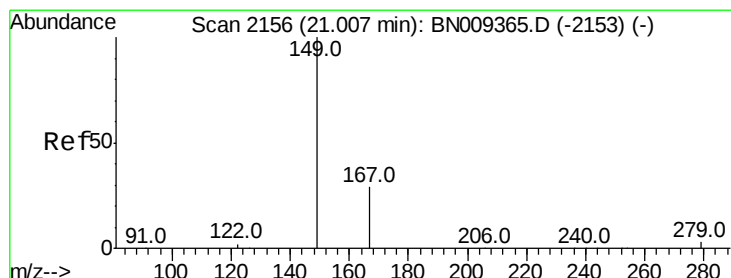
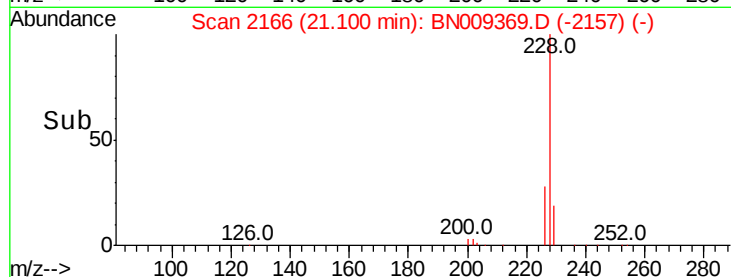
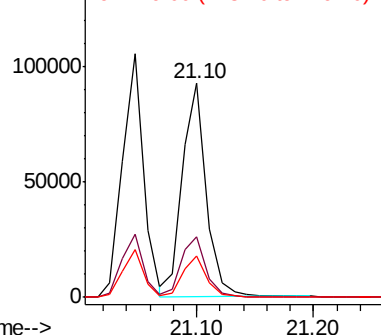


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.548 ng

RT: 21.00 min Scan# 2157

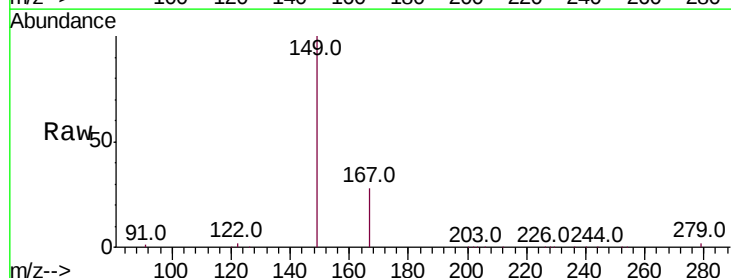
Delta R.T. -0.00 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Tgt Ion:149 Resp: 58119

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.9	34.3
279	3.9	3.4	5.0

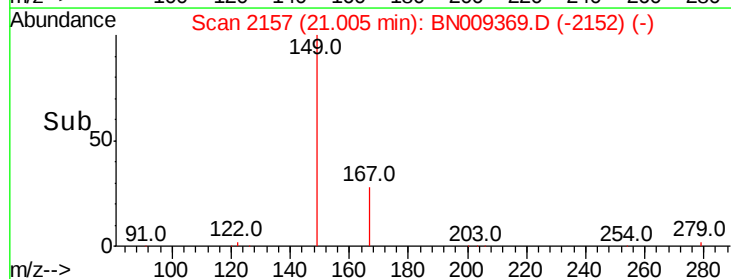
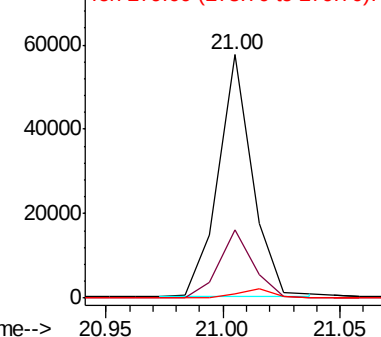


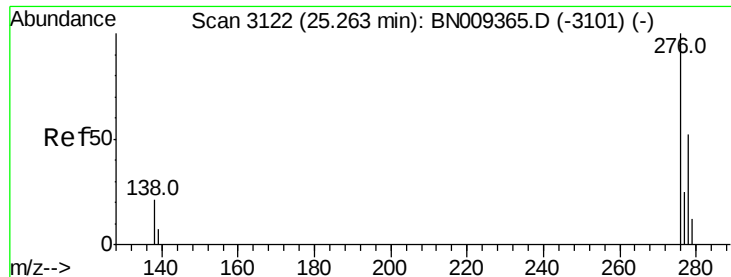
Abundance

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

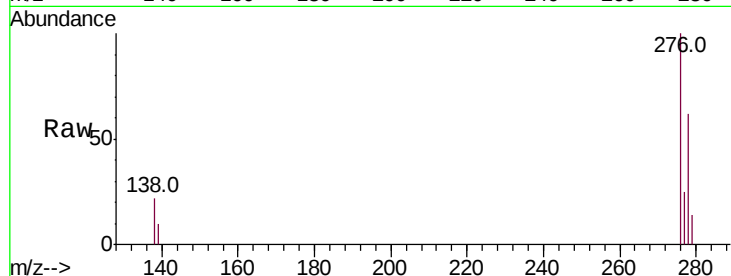




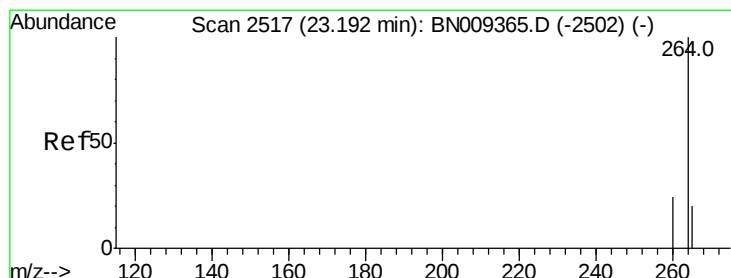
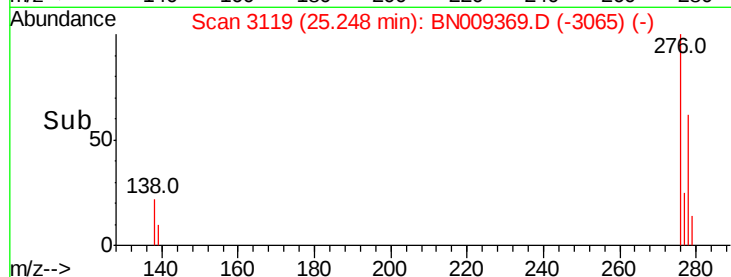
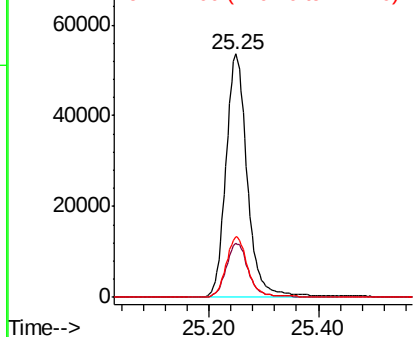
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 4.848 ng
 RT: 25.25 min Scan# 3119
 Delta R.T. -0.02 min
 Lab File: BN009369.D
 Acq: 13 Jan 2020 18:06

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tot Ion:276 Resp: 145201
 Ion Ratio Lower Upper
 276 100
 138 23.1 15.9 23.9
 277 25.0 19.8 29.6

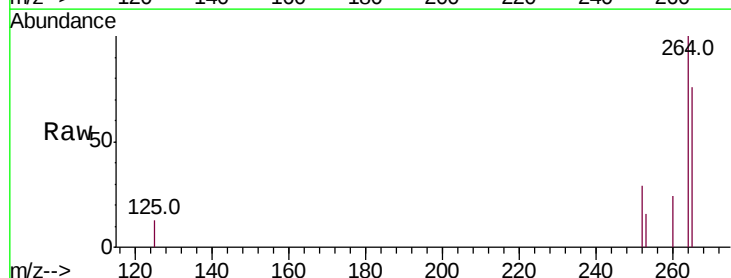


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

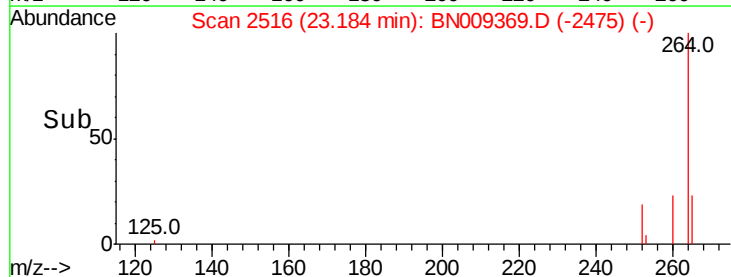
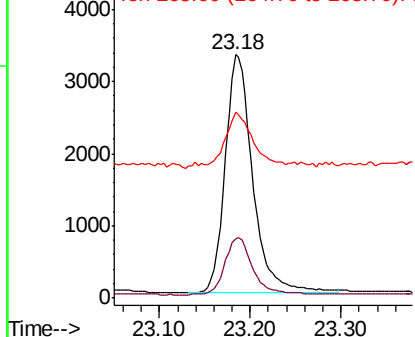


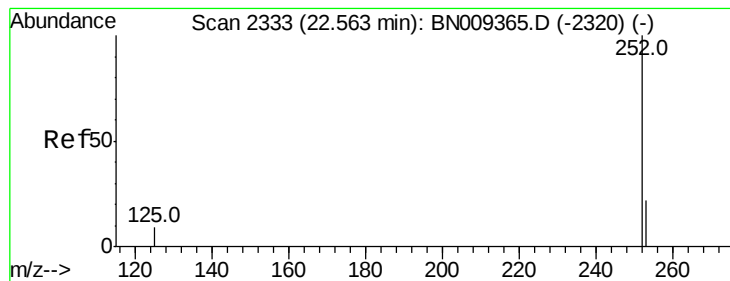
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.18 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BN009369.D
 Acq: 13 Jan 2020 18:06

Tgt Ion:264 Resp: 6953
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 76.4 68.2 102.4



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





#35

Benzo(b)fluoranthene

Concen: 5.317 ng

RT: 22.55 min Scan# 2332

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

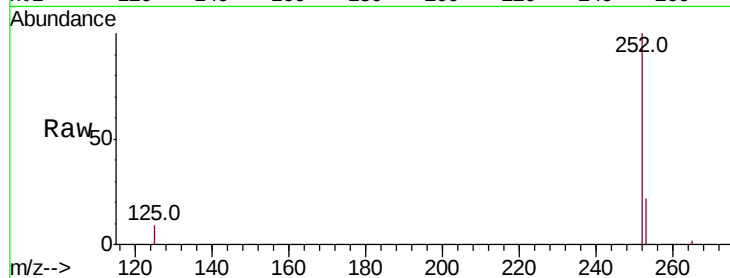
Tot Ion:252 Resp: 132355

Ion Ratio Lower Upper

252 100

253 22.0 22.4 33.6#

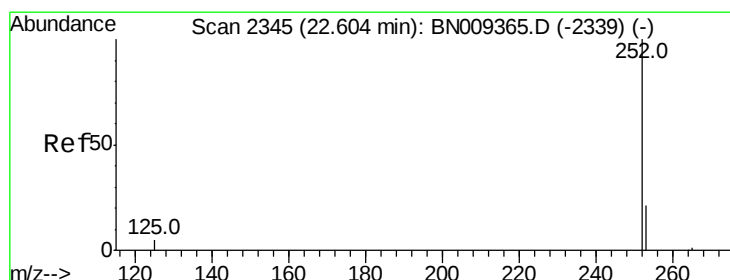
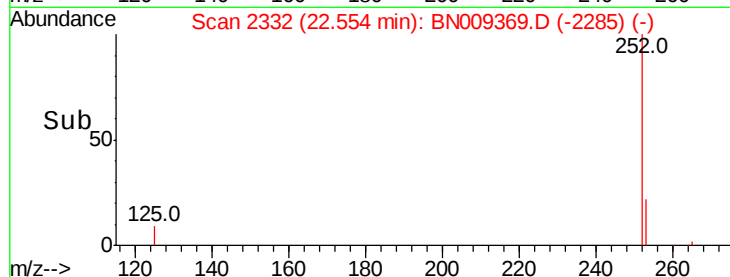
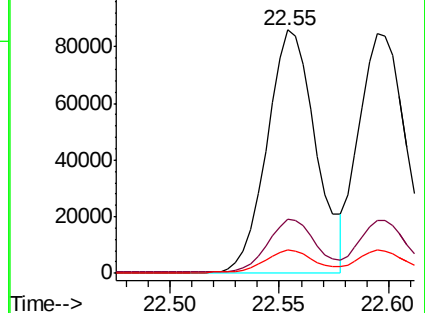
125 9.4 11.6 17.4#



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



#36

Benzo(k)fluoranthene

Concen: 5.246 ng

RT: 22.59 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

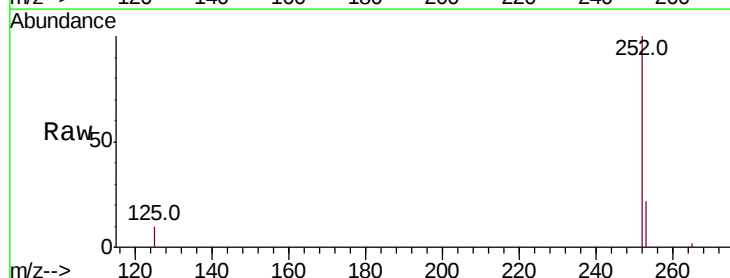
Tgt Ion:252 Resp: 131453

Ion Ratio Lower Upper

252 100

253 21.8 21.9 32.9#

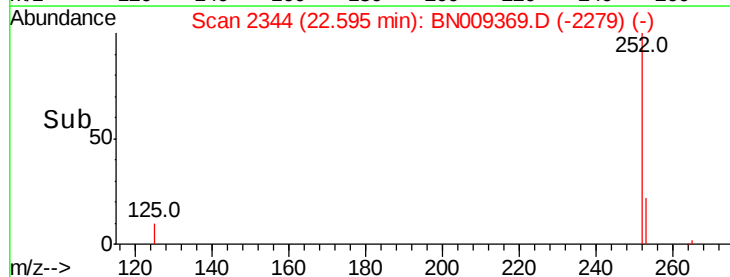
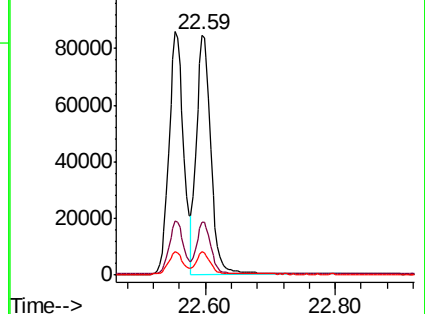
125 9.5 12.0 18.0#

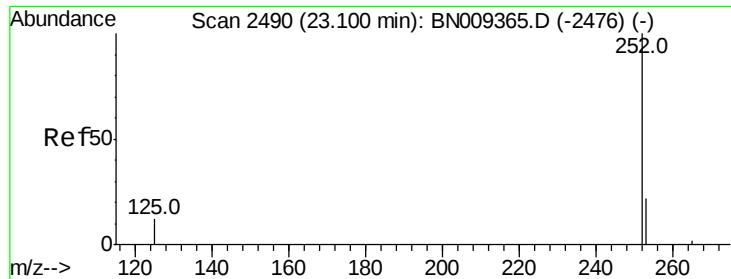


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 5.142 ng

RT: 23.09 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

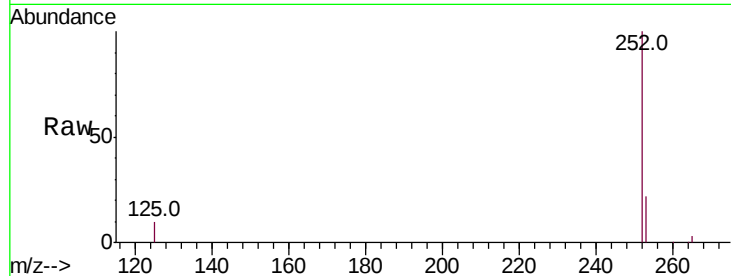
Tot Ion:252 Resp: 114950

Ion Ratio Lower Upper

252 100

253 22.2 25.4 38.0#

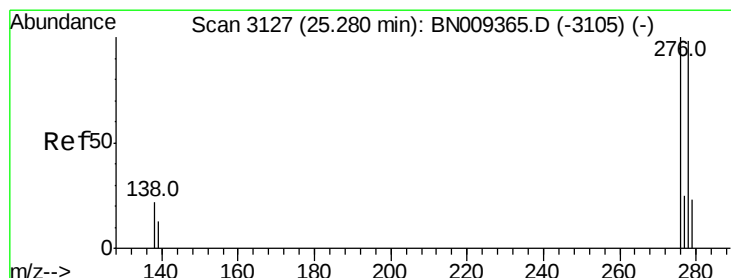
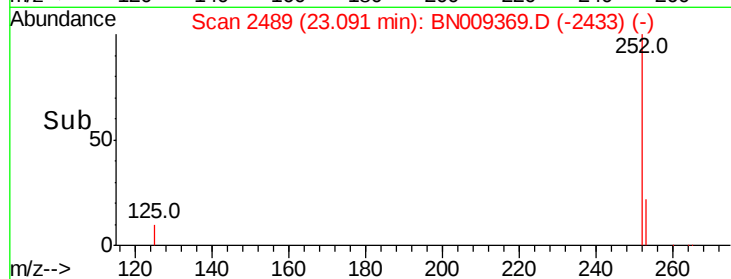
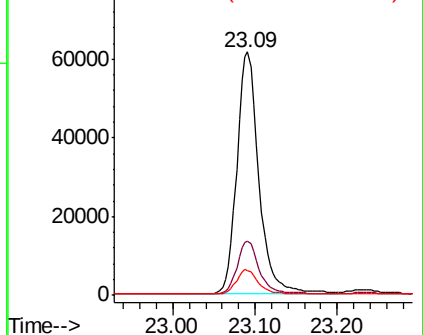
125 10.4 16.2 24.2#



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

Dibenzo(a,h)anthracene

Concen: 5.630 ng

RT: 25.26 min Scan# 3123

Delta R.T. -0.02 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

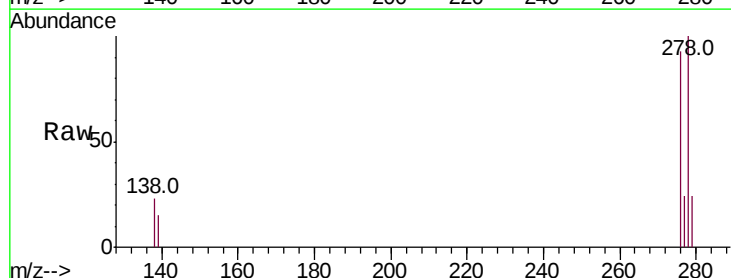
Tgt Ion:278 Resp: 118051

Ion Ratio Lower Upper

278 100

139 15.1 14.5 21.7

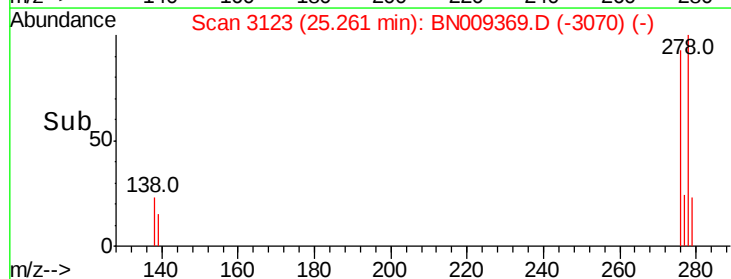
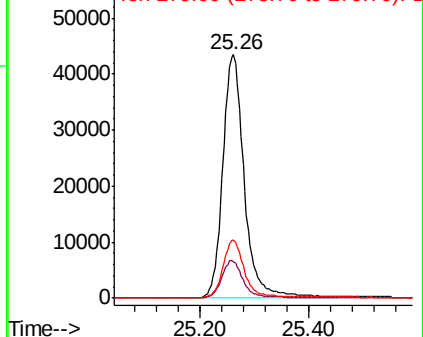
279 23.7 24.2 36.4#

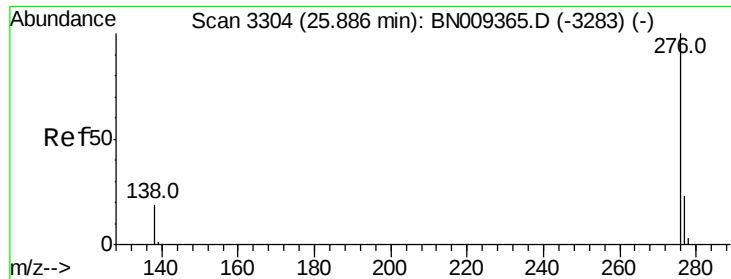


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 5.821 ng

RT: 25.88 min Scan# 3303

Delta R.T. -0.01 min

Lab File: BN009369.D

Acq: 13 Jan 2020 18:06

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

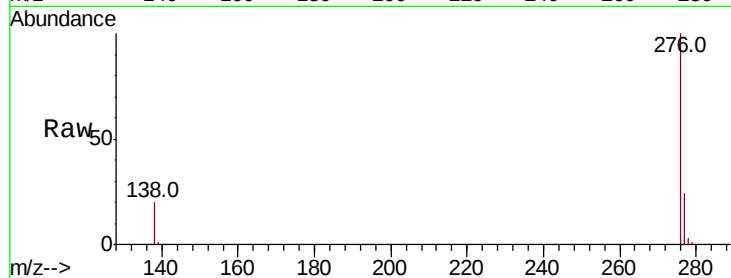
Tot Ion:276 Resp: 120464

Ion Ratio Lower Upper

276 100

277 23.7 20.6 30.8

138 19.8 17.1 25.7



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

