

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
 Data File : BN009427.D
 Acq On : 23 Jan 2020 17:16
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jan 24 12:16:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 09:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1223	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	4637	0.40	ng	-0.01
13) Acenaphthene-d10	14.10	164	3040	0.40	ng	0.00
19) Phenanthrene-d10	16.85	188	6725	0.40	ng	-0.02
27) Chrysene-d12	21.06	240	5956	0.40	ng	-0.01
34) Perylene-d12	23.18	264	6028	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	1148	0.41	ng	0.00
5) Phenol-d6	6.67	99	1357	0.42	ng	0.00
8) Nitrobenzene-d5	8.62	82	1456	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	11.82	152	3506	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.61	330	450	0.39	ng	-0.02
15) 2-Fluorobiphenyl	12.72	172	4669	0.41	ng	0.00
25) Fluoranthene-d10	18.89	212	8405	0.36	ng	-0.01
29) Terphenyl-d14	19.51	244	5619	0.40	ng	0.00

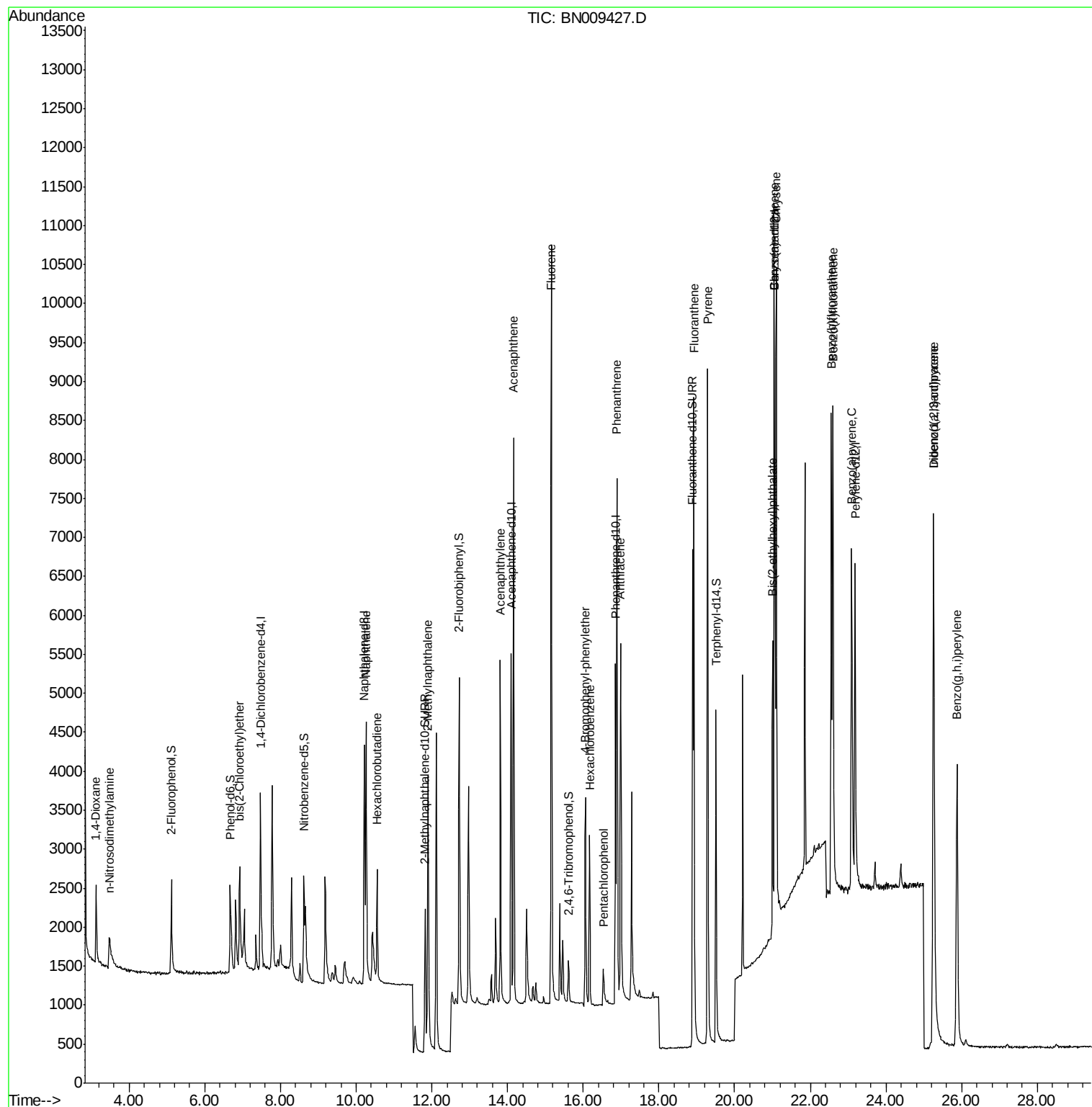
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.13	88	502	0.394	ng	98
3) n-Nitrosodimethylamine	3.48	42	659	0.335	ng	# 89
6) bis(2-Chloroethyl)ether	6.92	93	1452	0.433	ng	87
9) Naphthalene	10.27	128	4886	0.389	ng	99
10) Hexachlorobutadiene	10.56	225	1088	0.395	ng	# 99
12) 2-Methylnaphthalene	11.90	142	3443	0.394	ng	99
16) Acenaphthylene	13.81	152	5022	0.383	ng	99
17) Acenaphthene	14.16	154	3621	0.393	ng	99
18) Fluorene	15.16	166	4568	0.380	ng	99
20) 4-Bromophenyl-phenylether	16.06	248	1538	0.380	ng	93
21) Hexachlorobenzene	16.17	284	1694	0.393	ng	98
22) Pentachlorophenol	16.54	266	392	0.404	ng	92
23) Phenanthrene	16.89	178	7630	0.378	ng	100
24) Anthracene	16.99	178	6391	0.377	ng	99
26) Fluoranthene	18.92	202	8744	0.369	ng	99
28) Pyrene	19.29	202	8956	0.397	ng	100
30) Benzo(a)anthracene	21.05	228	7237	0.370	ng	99
31) Chrysene	21.10	228	8883	0.397	ng	100
32) Bis(2-ethylhexyl)phthalate	21.00	149	3506	0.405	ng	99
33) Indeno(1,2,3-cd)pyrene	25.25	276	8961	0.385	ng	99
35) Benzo(b)fluoranthene	22.56	252	7988	0.360	ng	99
36) Benzo(k)fluoranthene	22.60	252	9015	0.368	ng	99
37) Benzo(a)pyrene	23.09	252	7388	0.379	ng	97
38) Dibenzo(a,h)anthracene	25.26	278	7158	0.365	ng	97
39) Benzo(g,h,i)perylene	25.87	276	7713	0.357	ng	99

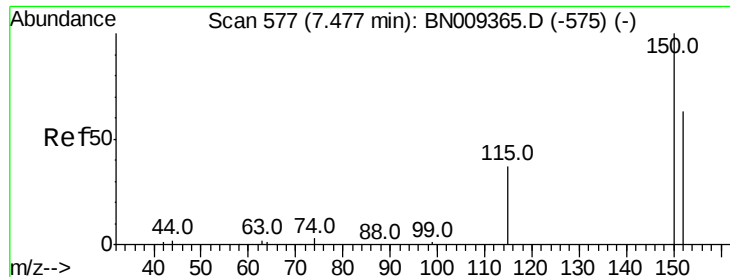
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012420\
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Quant Time: Jan 24 12:16:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 09:33:55 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

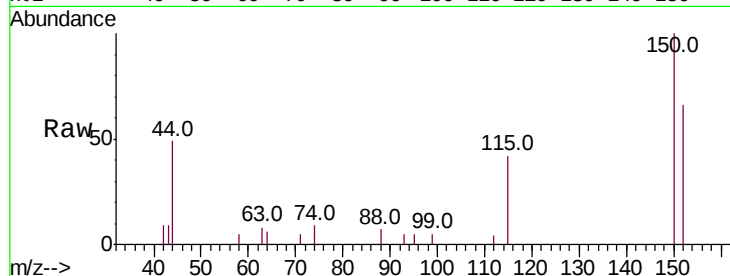
Tot Ion:152 Resp: 1223

Ion Ratio Lower Upper

152 100

150 152.2 125.7 188.5

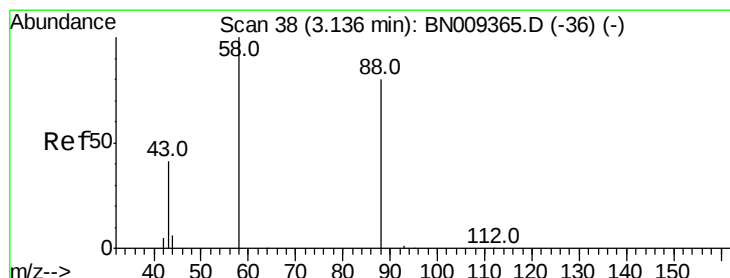
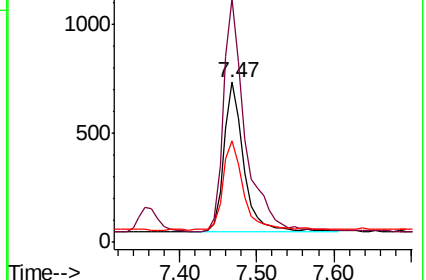
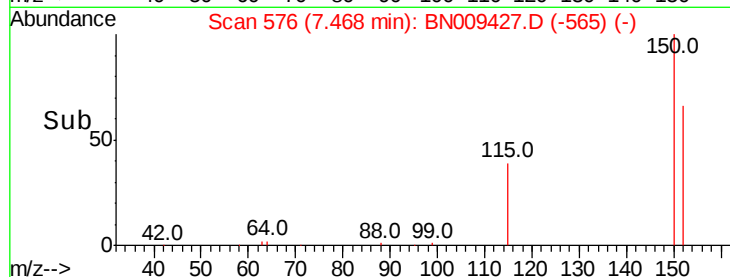
115 63.3 53.3 79.9



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: 0.394 ng

RT: 3.13 min Scan# 37

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

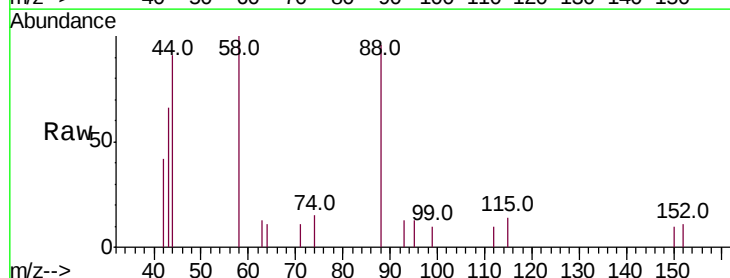
Tgt Ion: 88 Resp: 502

Ion Ratio Lower Upper

88 100

58 126.7 100.2 150.2

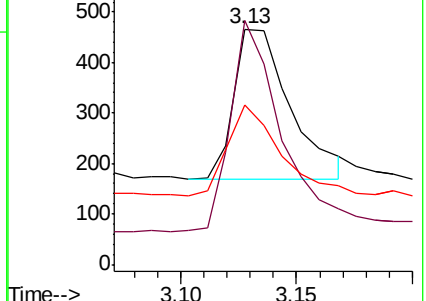
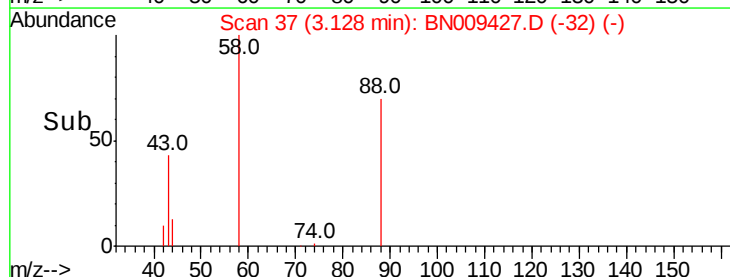
43 57.6 43.1 64.7

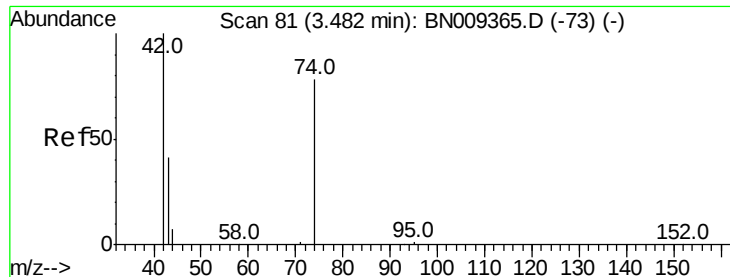


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



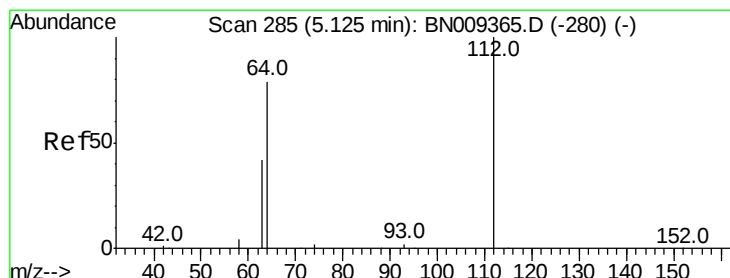
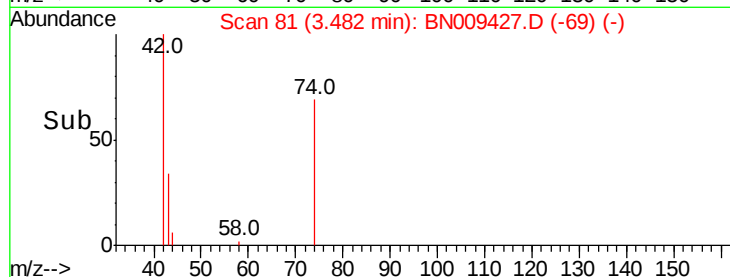
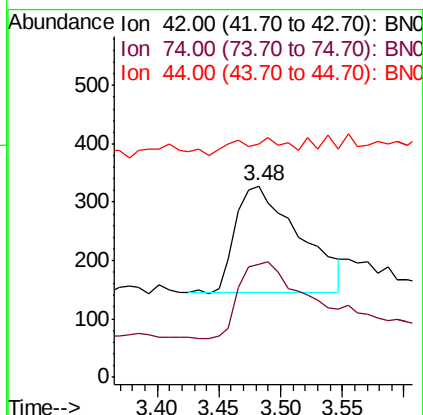
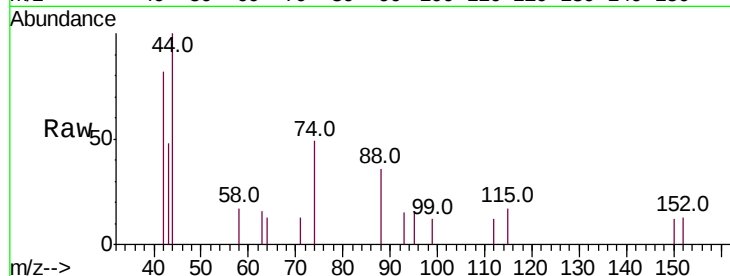


#3

n-Nitrosodimethylamine
 Concen: 0.335 ng
 RT: 3.48 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: BN009427.D
 Acq: 23 Jan 2020 17:16

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

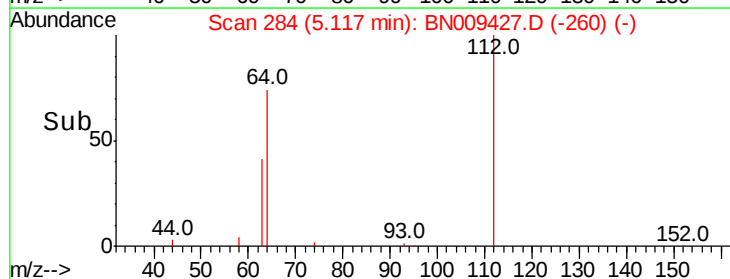
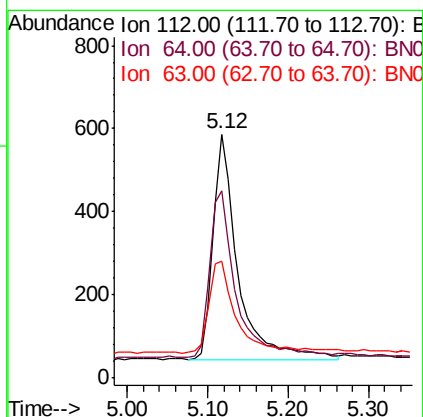
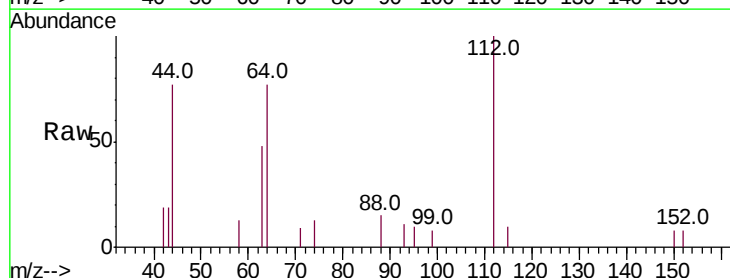
Tot Ion: 42 Resp: 659
 Ion Ratio Lower Upper
 42 100
 74 74.7 55.8 83.8
 44 0.0 11.1 16.7#

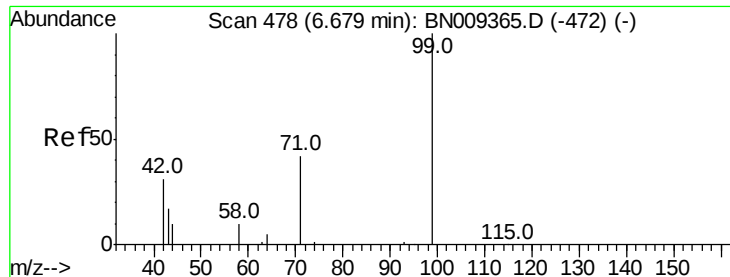


#4

2-Fluorophenol
 Concen: 0.408 ng
 RT: 5.12 min Scan# 284
 Delta R.T. -0.01 min
 Lab File: BN009427.D
 Acq: 23 Jan 2020 17:16

Tgt Ion: 112 Resp: 1148
 Ion Ratio Lower Upper
 112 100
 64 78.8 61.5 92.3
 63 44.5 35.0 52.4





#5

Phenol-d6

Concen: 0.417 ng

RT: 6.67 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

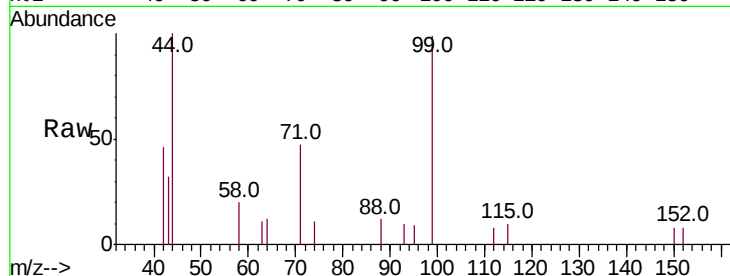
Tot Ion: 99 Resp: 1357

Ion Ratio Lower Upper

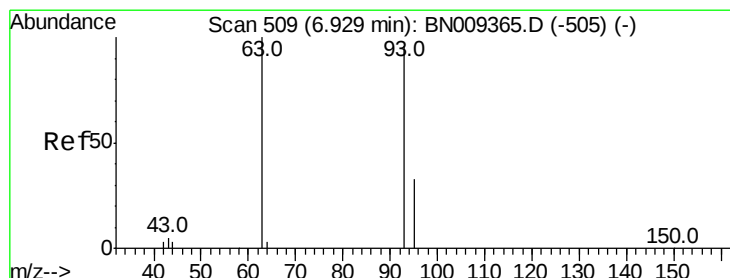
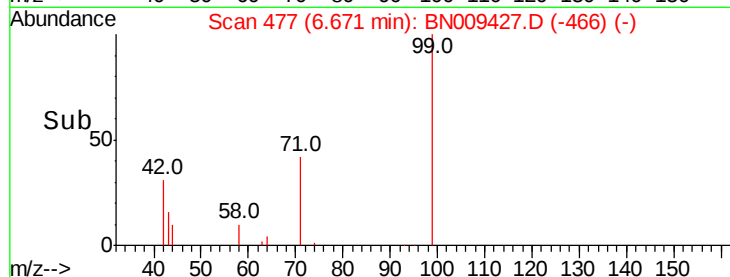
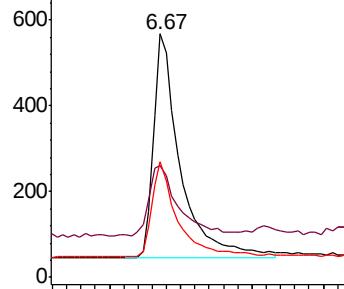
99 100

42 35.2 27.6 41.4

71 40.9 33.0 49.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.433 ng

RT: 6.92 min Scan# 508

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

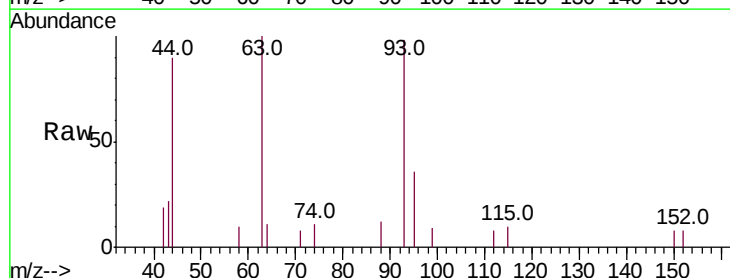
Tgt Ion: 93 Resp: 1452

Ion Ratio Lower Upper

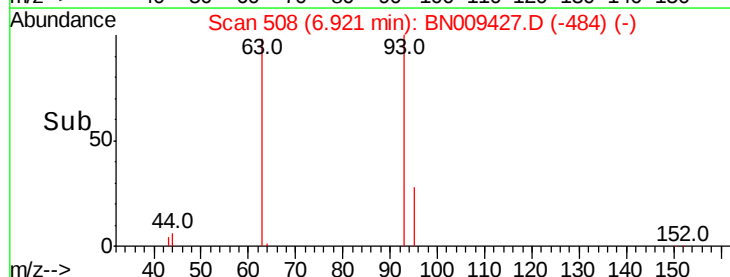
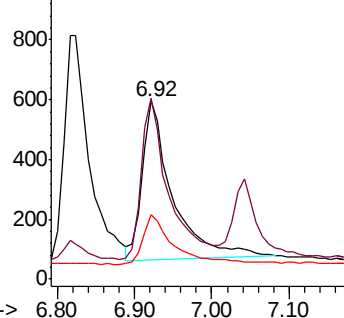
93 100

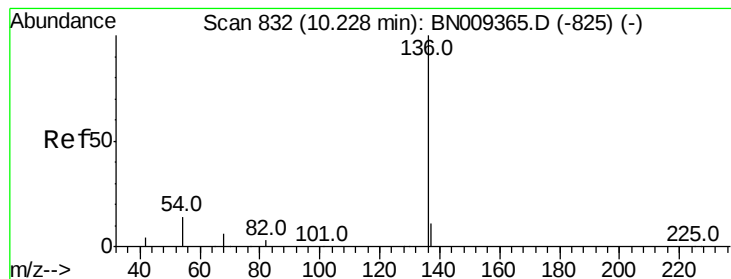
63 91.1 85.1 127.7

95 32.0 30.2 45.4



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 4637

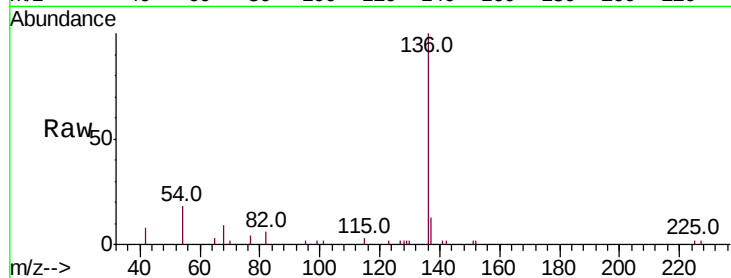
Ion Ratio Lower Upper

136 100

137 13.0 10.3 15.5

54 17.6 12.6 19.0

68 8.7 6.5 9.7

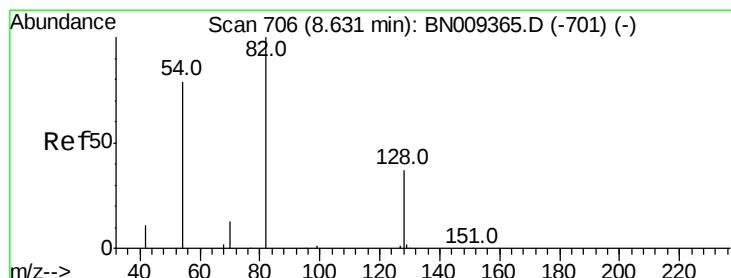
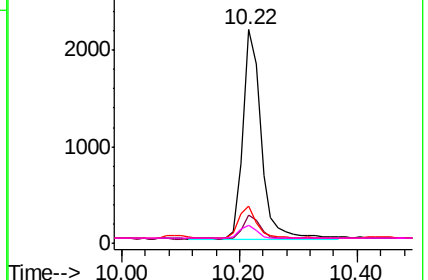
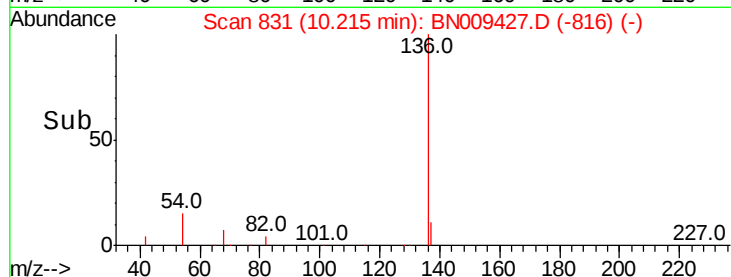


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.394 ng

RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

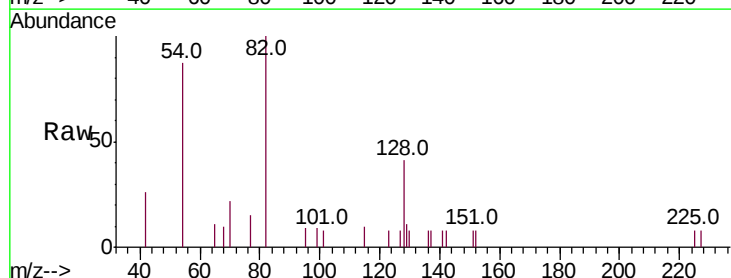
Tgt Ion: 82 Resp: 1456

Ion Ratio Lower Upper

82 100

128 40.7 34.8 52.2

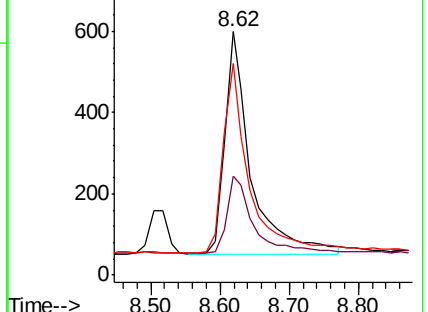
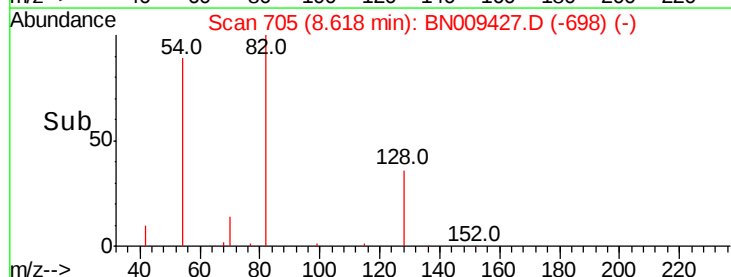
54 87.1 65.8 98.6

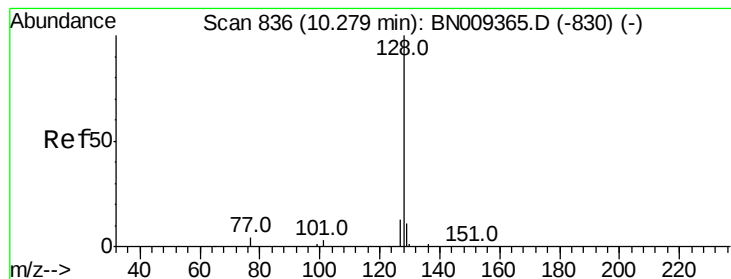


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.389 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

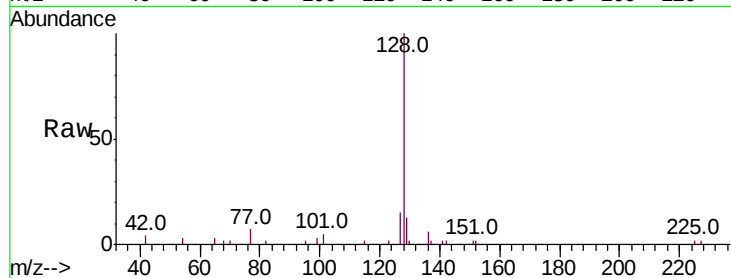
Tot Ion:128 Resp: 4886

Ion Ratio Lower Upper

128 100

129 12.6 10.4 15.6

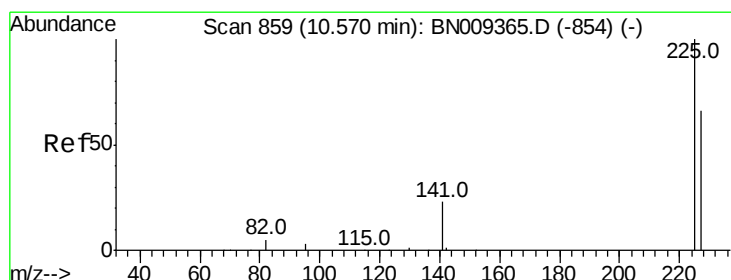
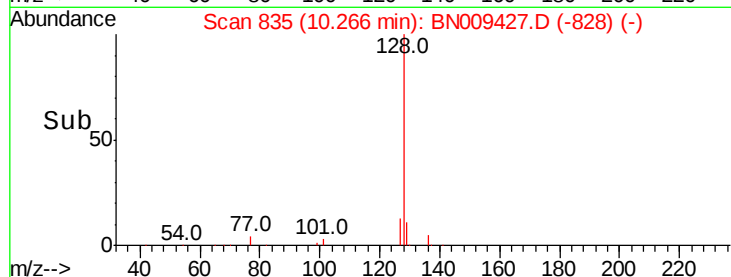
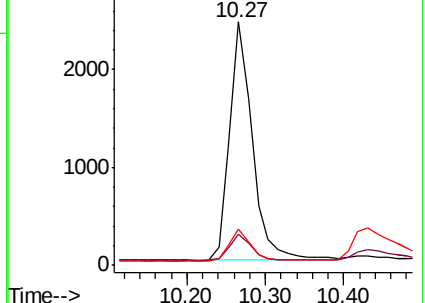
127 14.7 11.4 17.2



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: 0.395 ng

RT: 10.56 min Scan# 858

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

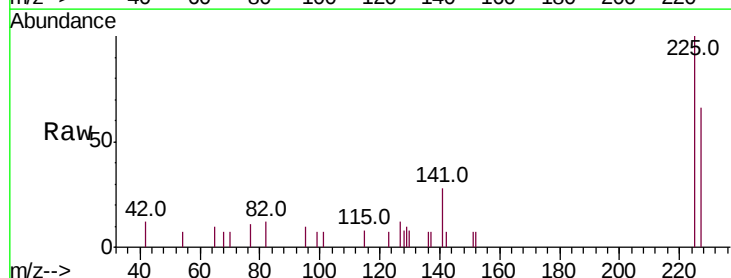
Tgt Ion:225 Resp: 1088

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

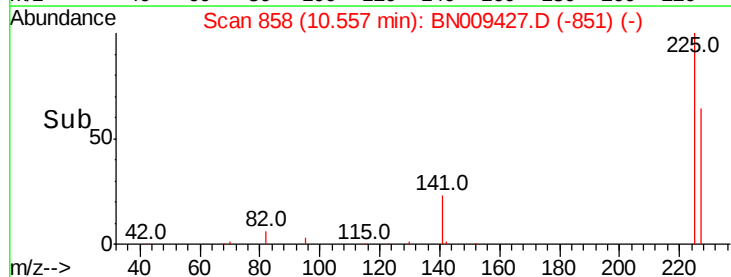
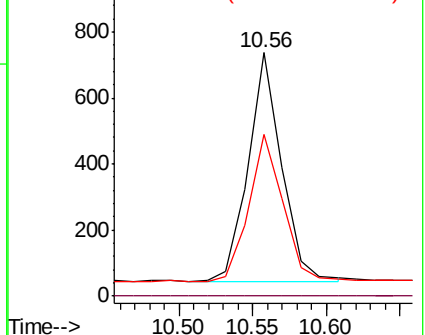
227 66.2 52.6 78.8

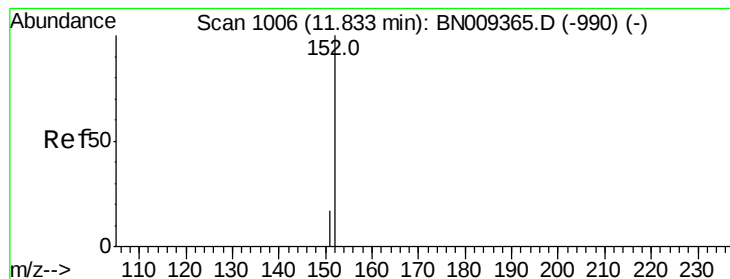


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.391 ng

RT: 11.82 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

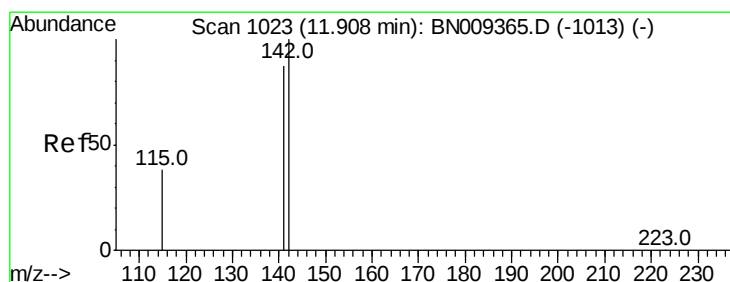
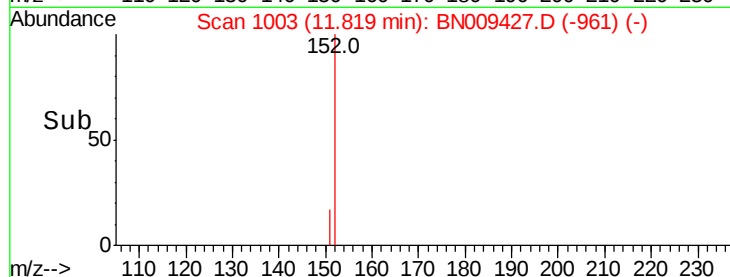
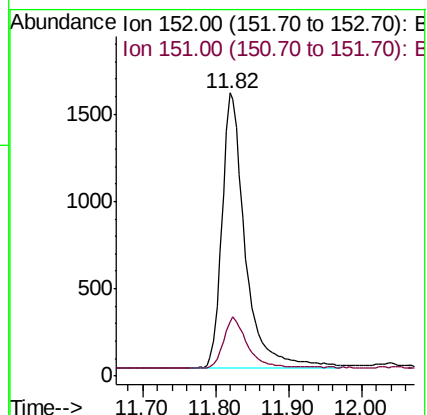
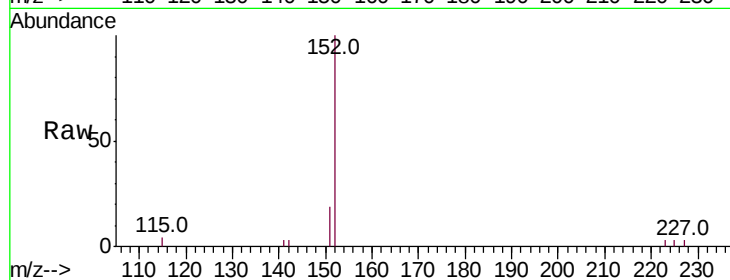
SSTDCCC0.4

Tot Ion:152 Resp: 3506

Ion Ratio Lower Upper

152 100

151 18.7 14.8 22.2



#12

2-Methylnaphthalene

Concen: 0.394 ng

RT: 11.90 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

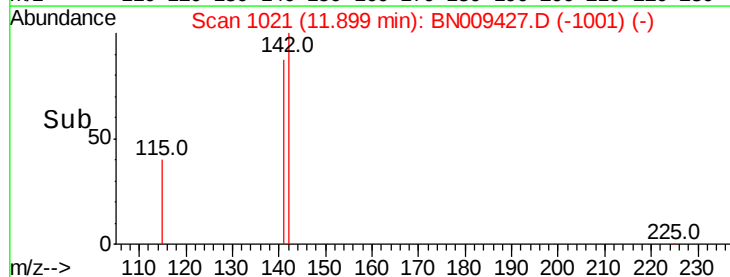
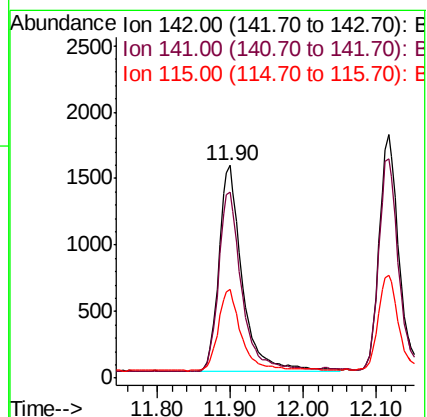
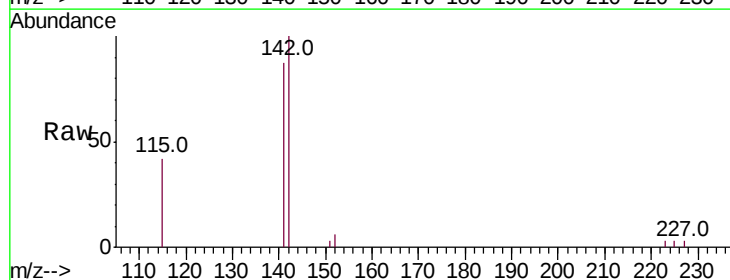
Tgt Ion:142 Resp: 3443

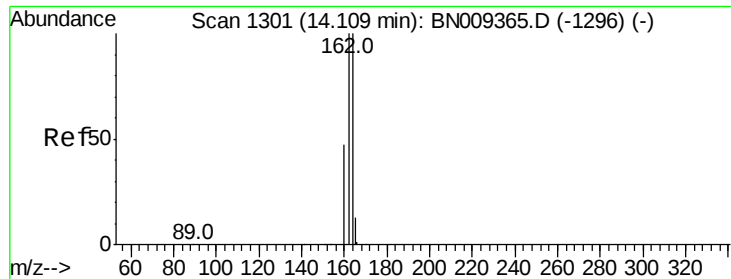
Ion Ratio Lower Upper

142 100

141 87.3 69.8 104.6

115 41.8 32.5 48.7

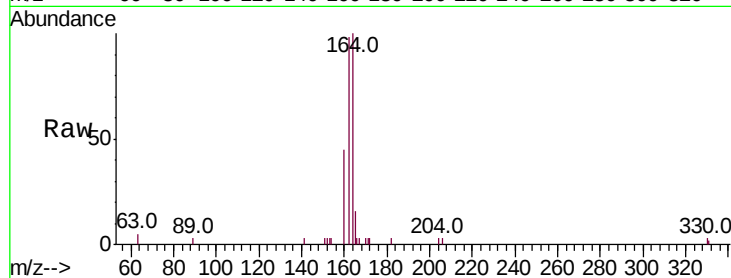




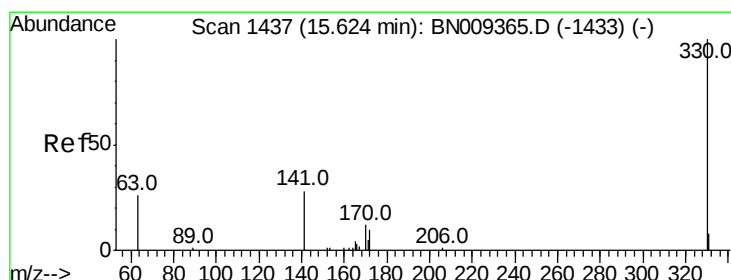
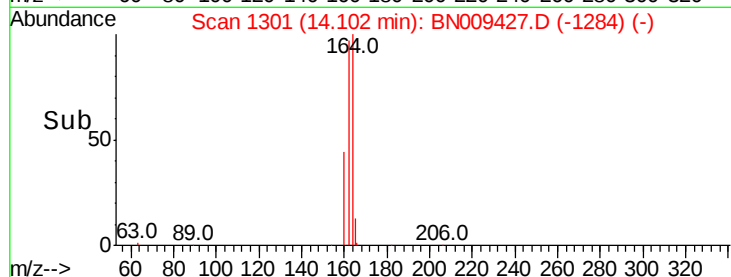
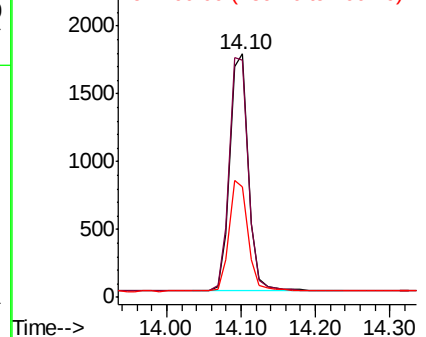
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.10 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BN009427.D
Acq: 23 Jan 2020 17:16

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:164 Resp: 3040
Ion Ratio Lower Upper
164 100
162 97.5 79.8 119.6
160 45.3 38.4 57.6

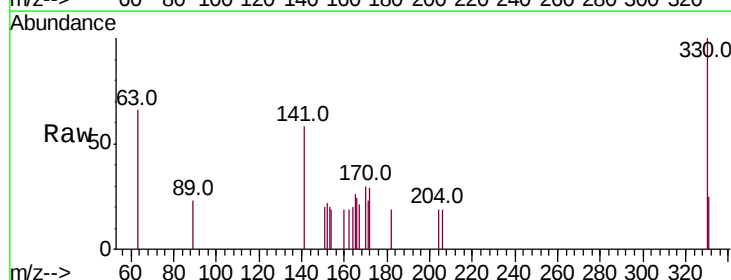


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

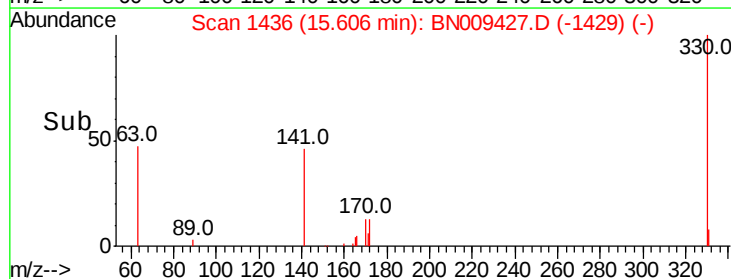
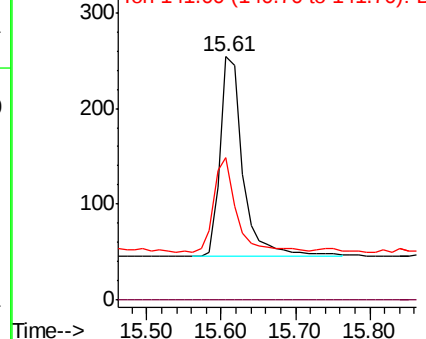


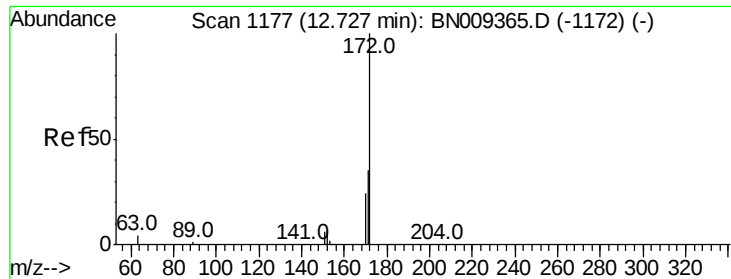
#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 15.61 min Scan# 1436
Delta R.T. -0.02 min
Lab File: BN009427.D
Acq: 23 Jan 2020 17:16

Tgt Ion:330 Resp: 450
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 46.2 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

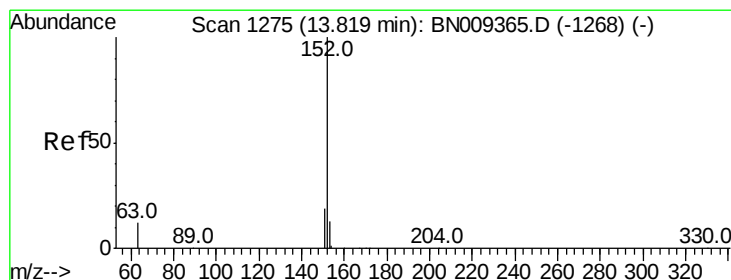
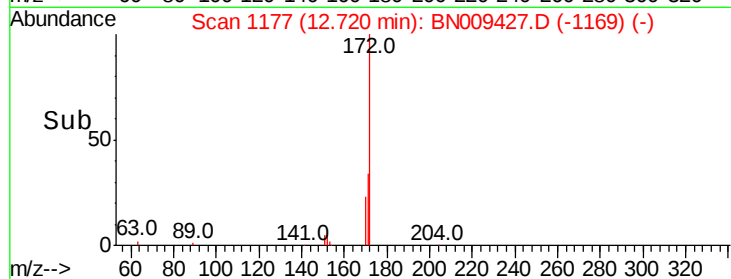
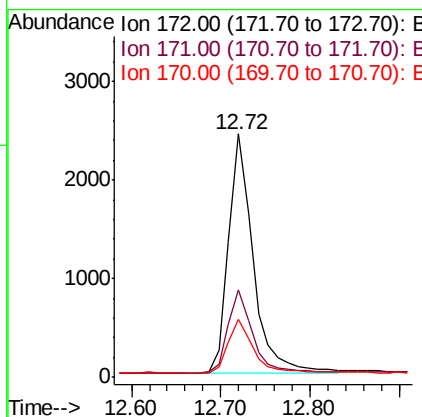
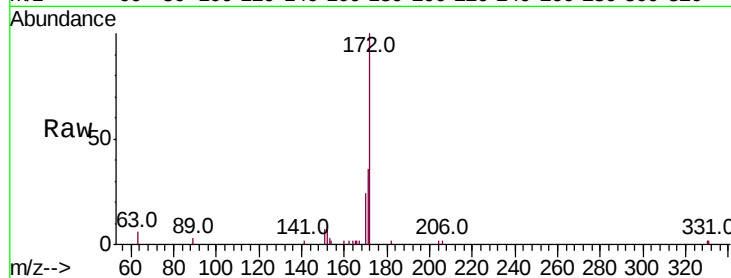




#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.72 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN009427.D
Acq: 23 Jan 2020 17:16

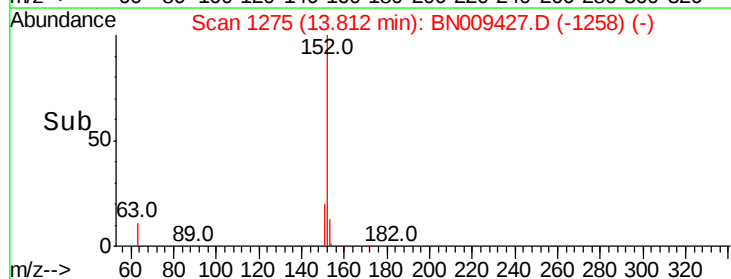
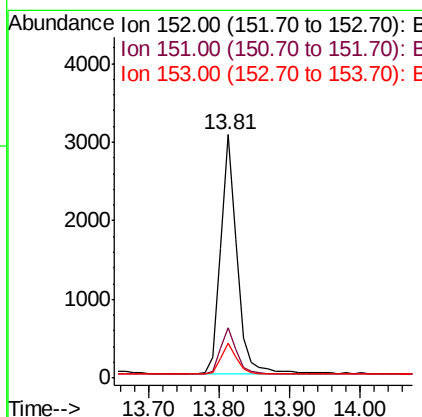
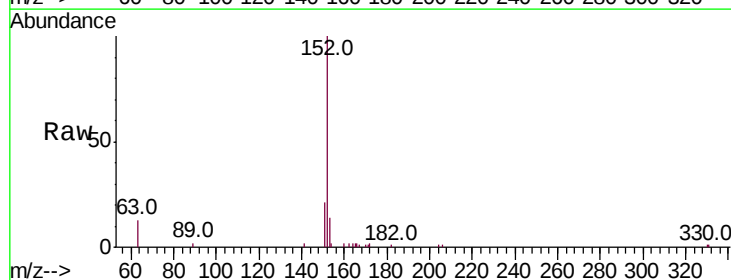
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

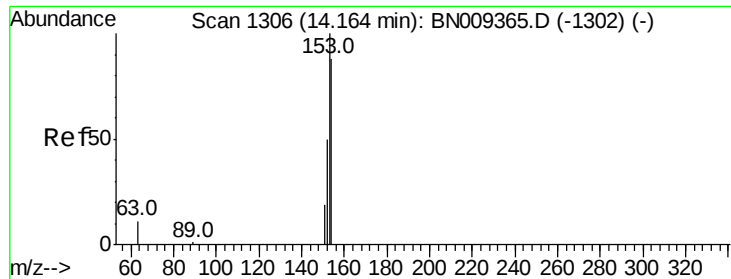
Tot Ion:172 Resp: 4669
Ion Ratio Lower Upper
172 100
171 35.7 29.5 44.3
170 24.1 20.7 31.1



#16
Acenaphthylene
Concen: 0.383 ng
RT: 13.81 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BN009427.D
Acq: 23 Jan 2020 17:16

Tgt Ion:152 Resp: 5022
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.2
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.393 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

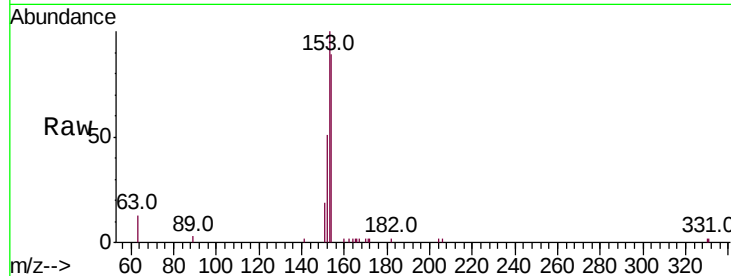
Tot Ion:154 Resp: 3621

Ion Ratio Lower Upper

154 100

153 112.3 90.5 135.7

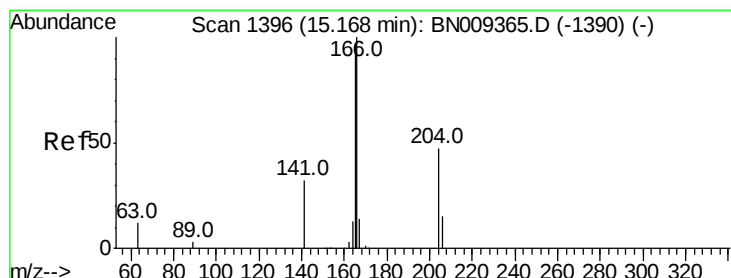
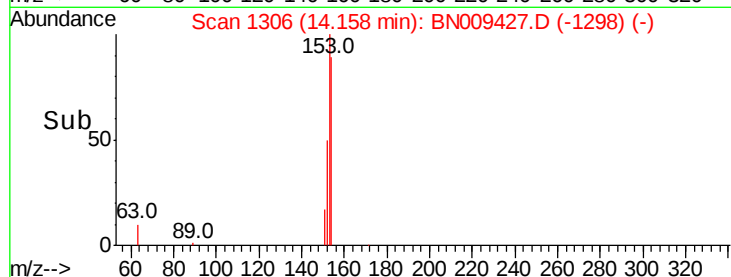
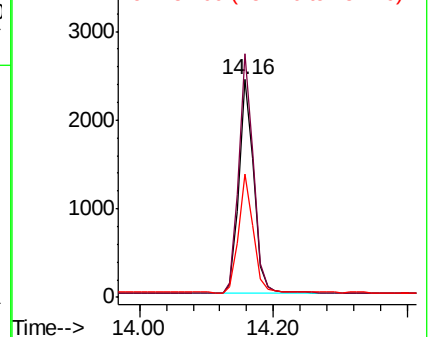
152 55.3 45.3 67.9



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: 0.380 ng

RT: 15.16 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

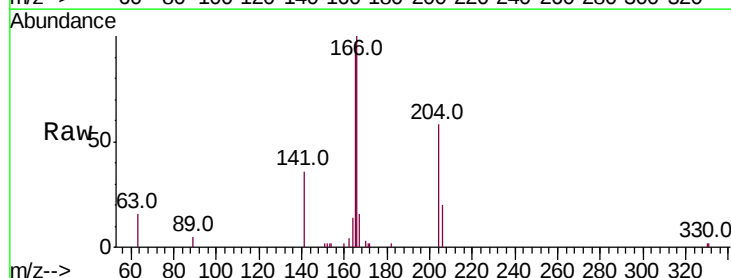
Tgt Ion:166 Resp: 4568

Ion Ratio Lower Upper

166 100

165 98.6 78.2 117.2

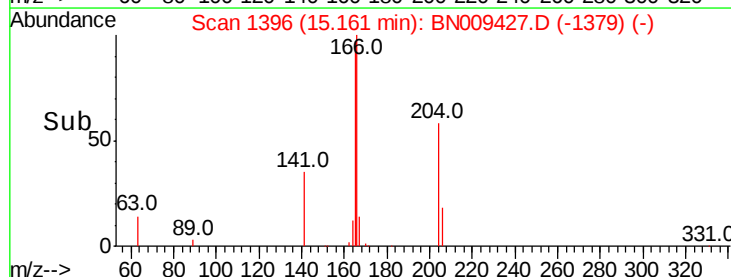
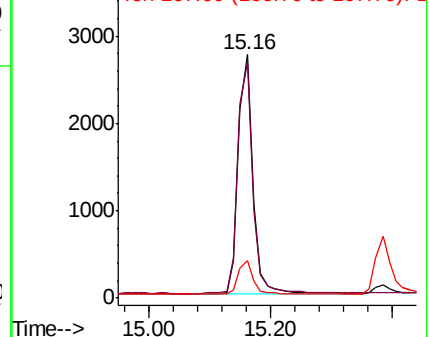
167 13.9 11.0 16.6

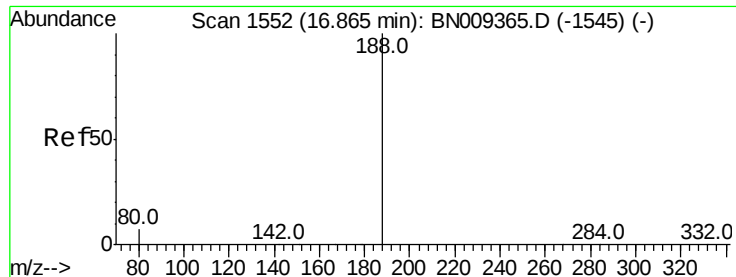


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.85 min Scan# 1551

Delta R.T. -0.02 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

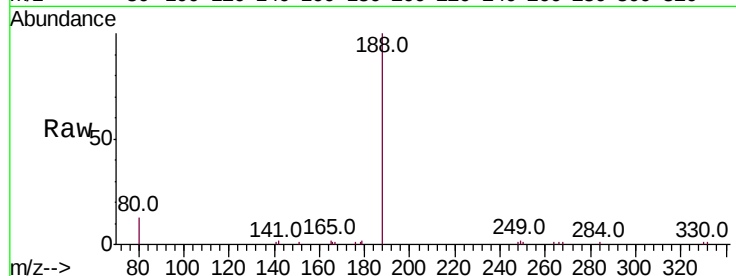
Tot Ion:188 Resp: 6725

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

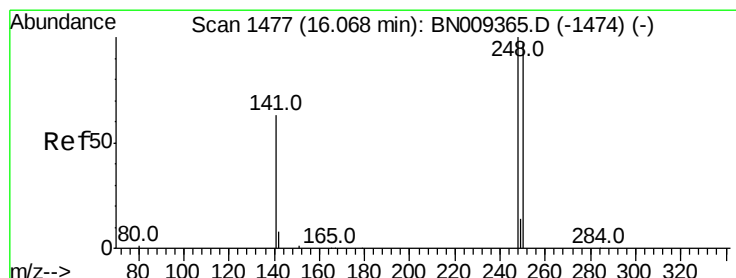
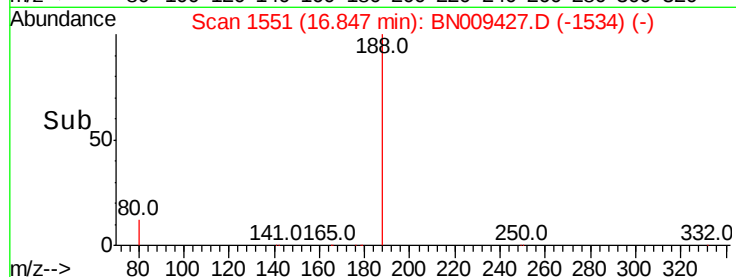
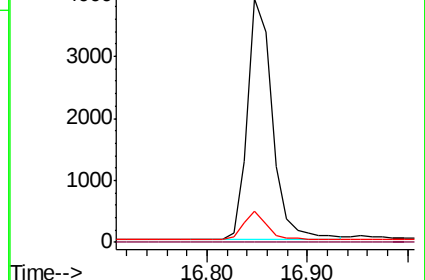
80 12.7 6.6 10.0#



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: 0.380 ng

RT: 16.06 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

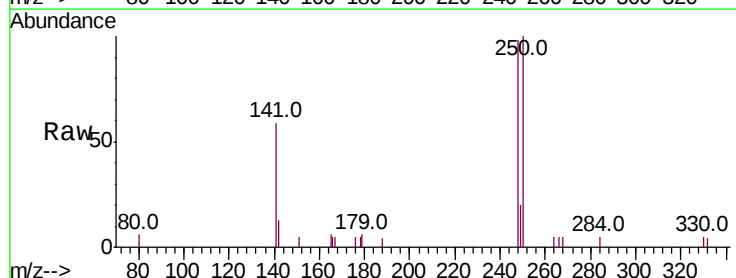
Tgt Ion:248 Resp: 1538

Ion Ratio Lower Upper

248 100

250 102.4 77.8 116.8

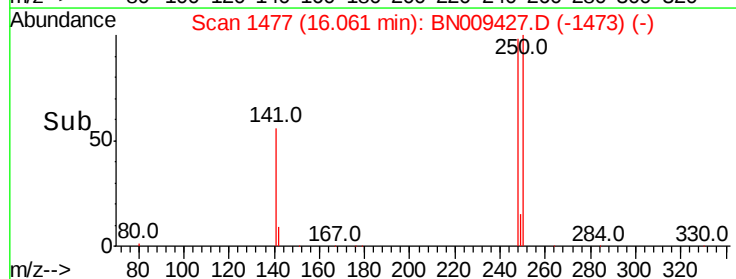
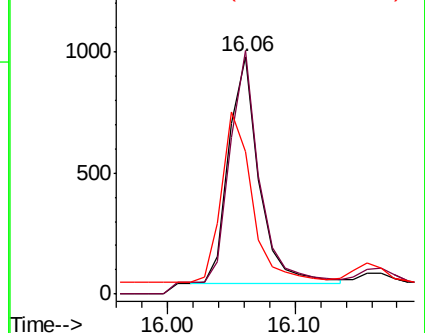
141 59.9 53.4 80.0

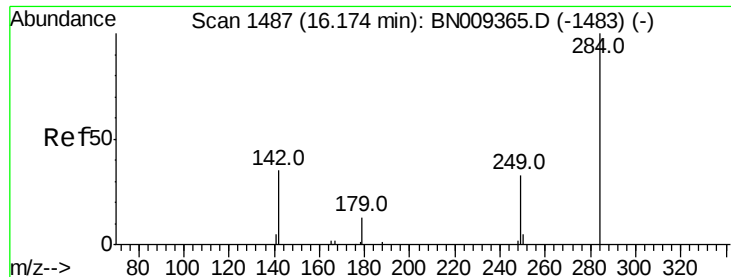


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.393 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

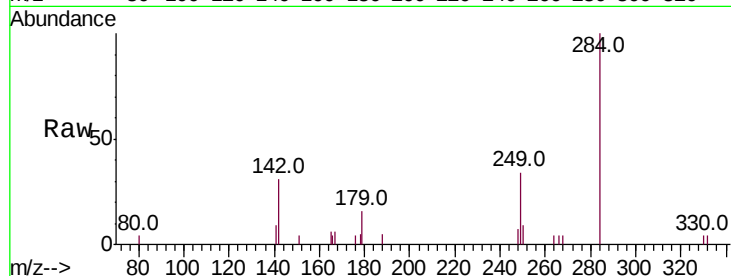
Tot Ion:284 Resp: 1694

Ion Ratio Lower Upper

284 100

142 41.4 33.8 50.8

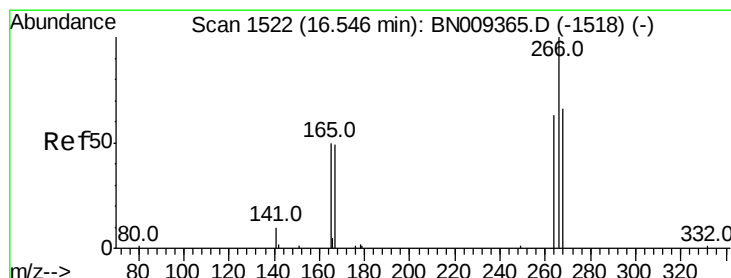
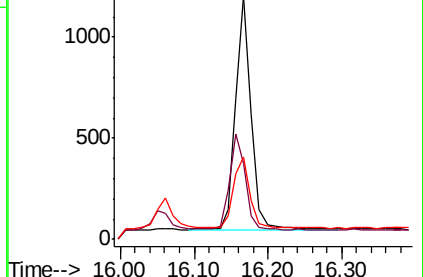
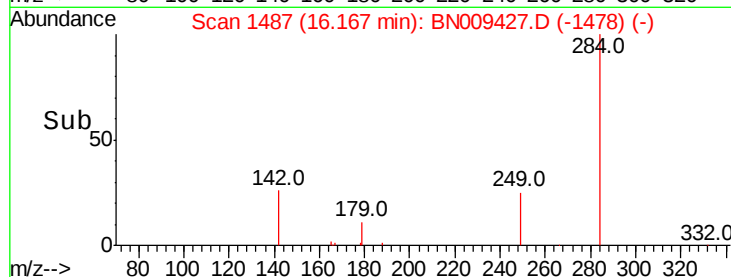
249 31.9 27.0 40.4



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: 0.404 ng

RT: 16.54 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

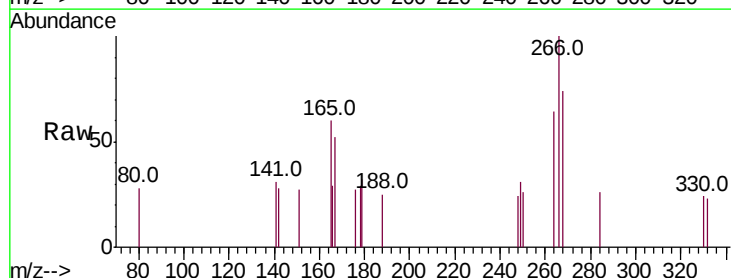
Tgt Ion:266 Resp: 392

Ion Ratio Lower Upper

266 100

264 63.8 57.8 86.6

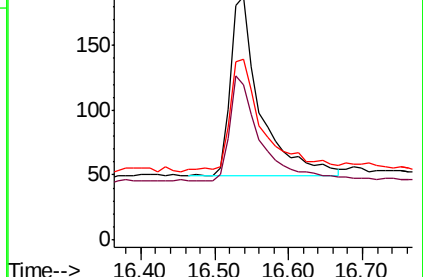
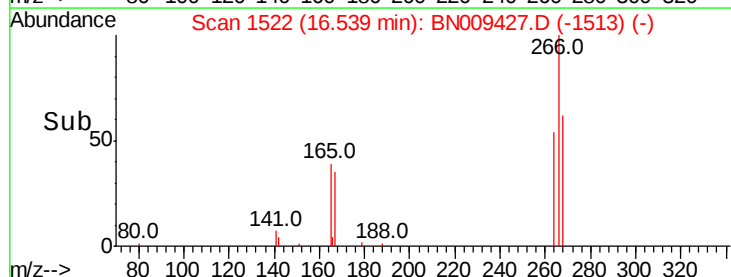
268 73.9 63.8 95.6

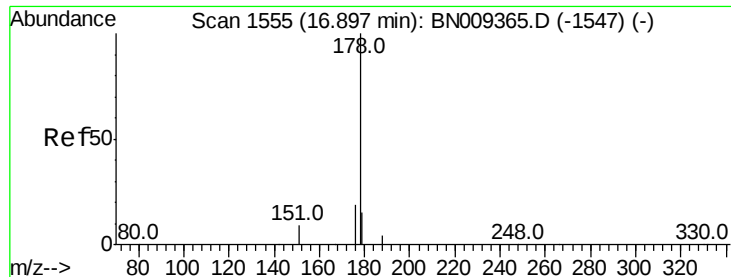


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.378 ng

RT: 16.89 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

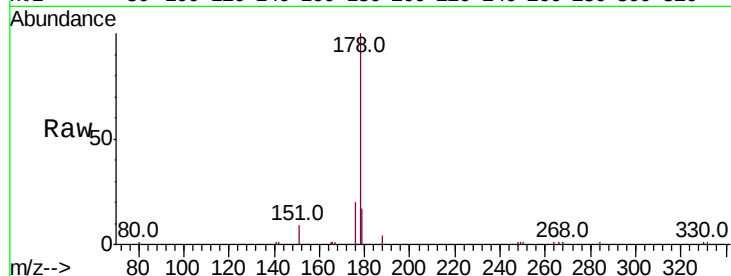
Tot Ion:178 Resp: 7630

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

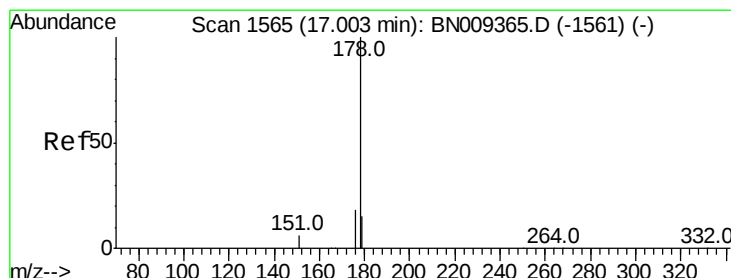
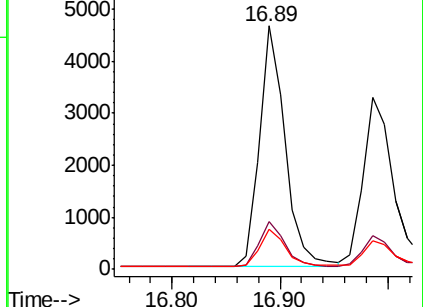
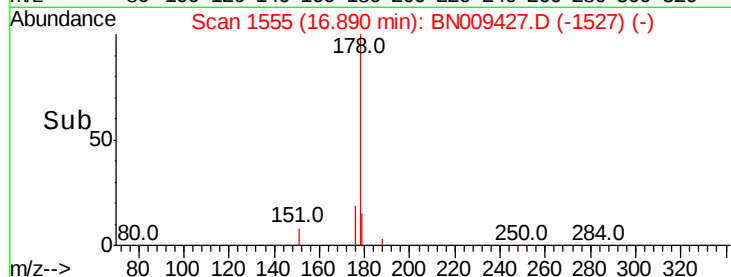
179 15.7 12.3 18.5



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: 0.377 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.02 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

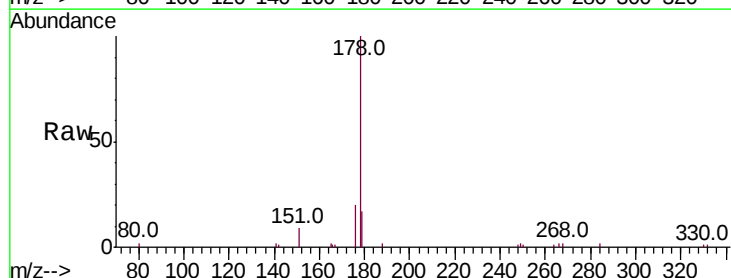
Tgt Ion:178 Resp: 6391

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

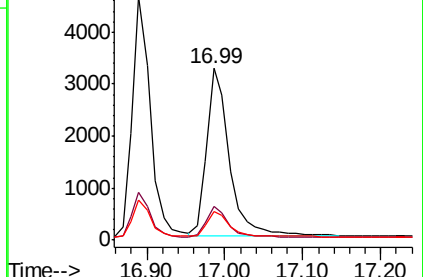
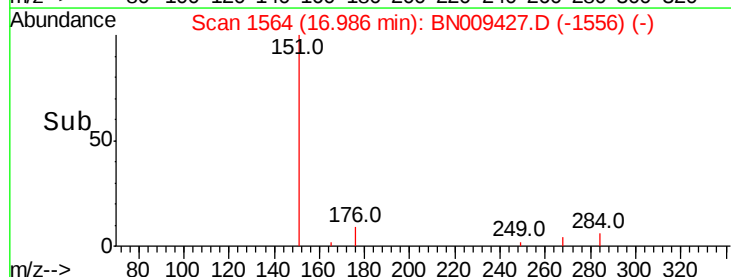
179 15.2 12.5 18.7

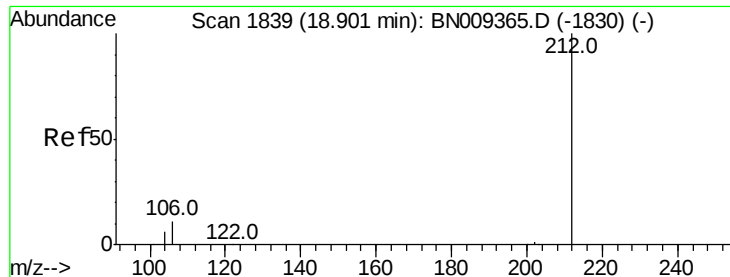


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.364 ng

RT: 18.89 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

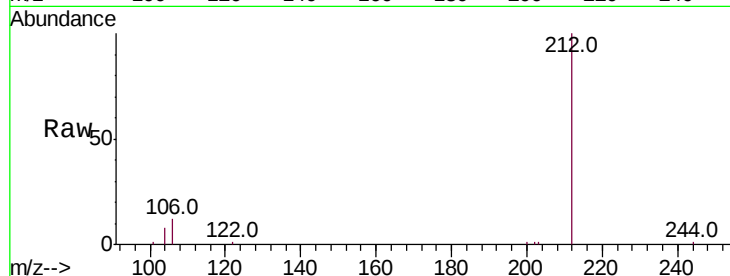
Tot Ion:212 Resp: 8405

Ion Ratio Lower Upper

212 100

106 11.8 9.2 13.8

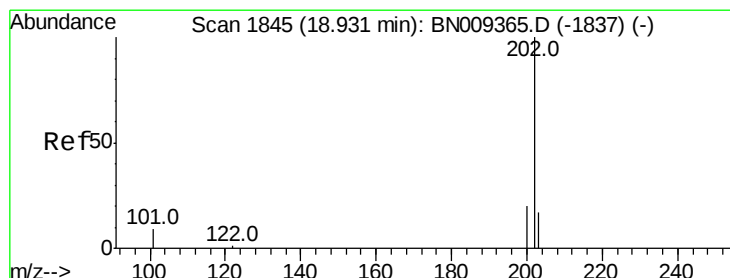
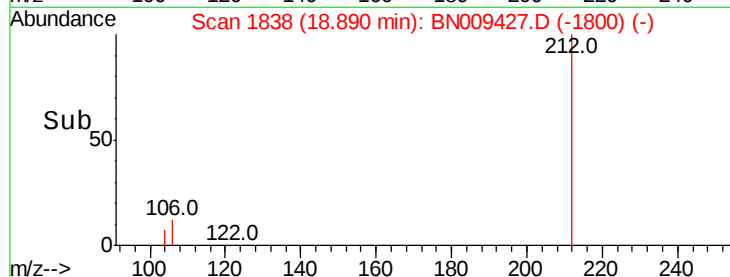
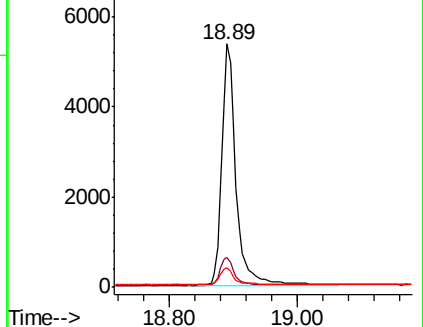
104 6.5 5.4 8.0



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: 0.369 ng

RT: 18.92 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

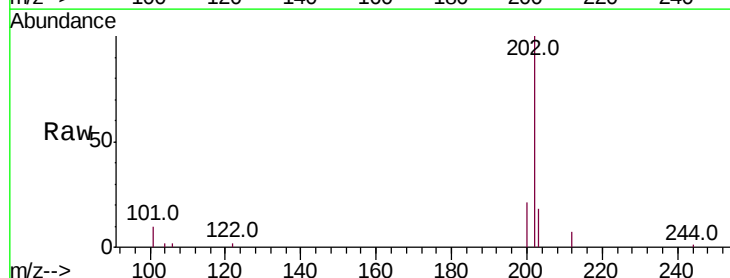
Tgt Ion:202 Resp: 8744

Ion Ratio Lower Upper

202 100

101 10.1 8.0 12.0

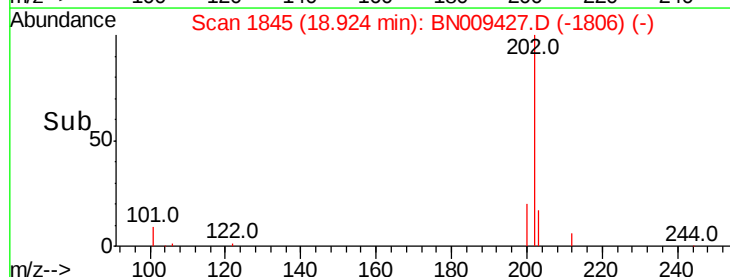
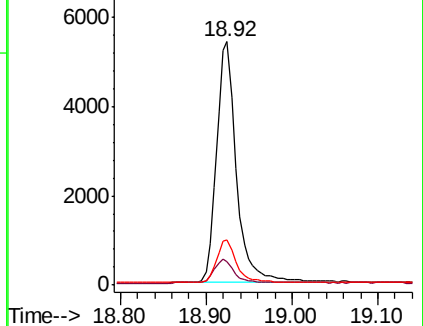
203 17.4 13.5 20.3

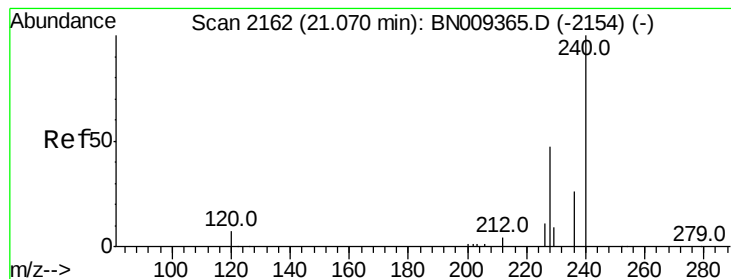


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

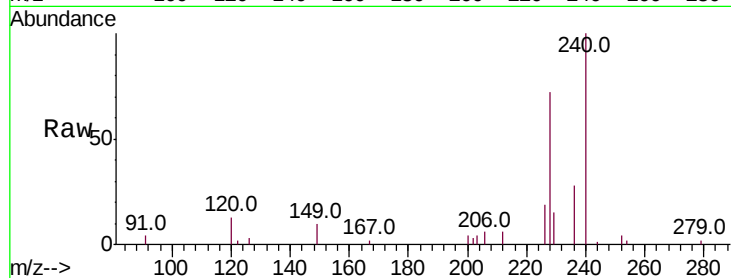
Tot Ion:240 Resp: 5956

Ion Ratio Lower Upper

240 100

120 13.3 8.1 12.1#

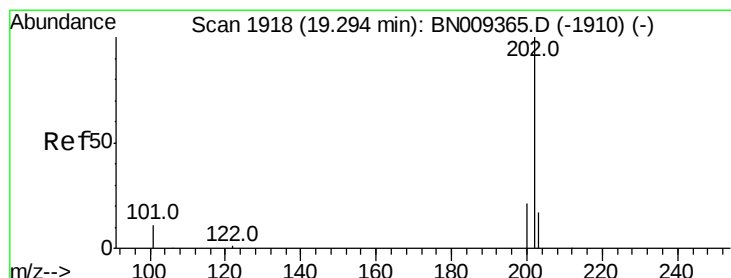
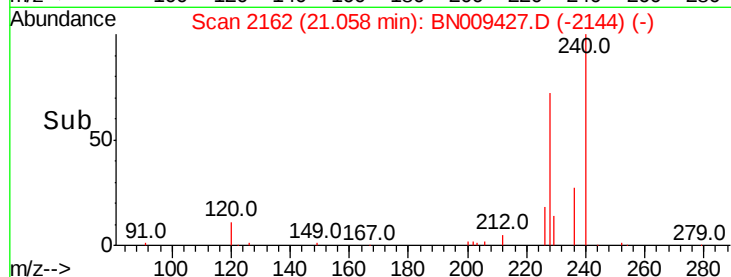
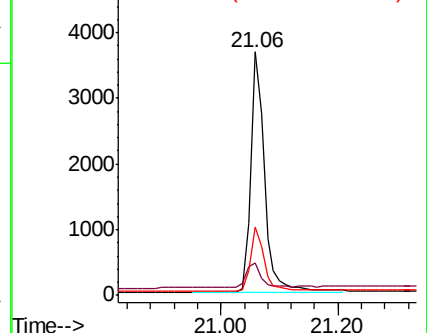
236 28.3 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

5000 Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.397 ng

RT: 19.29 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

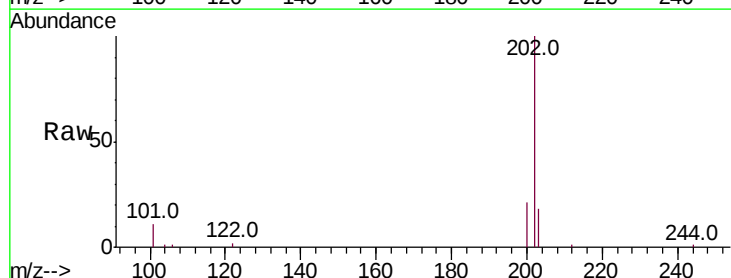
Tgt Ion:202 Resp: 8956

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

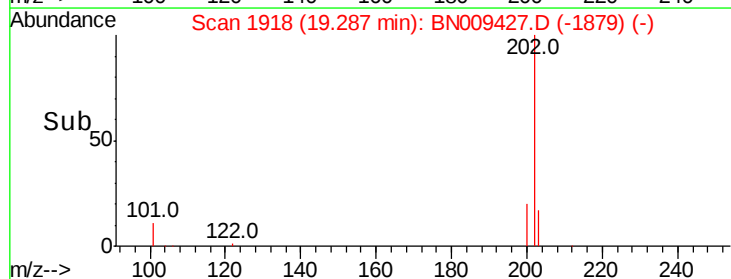
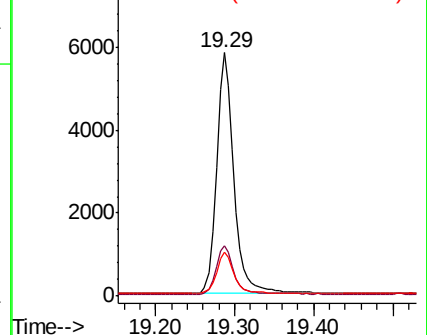
203 17.4 14.1 21.1

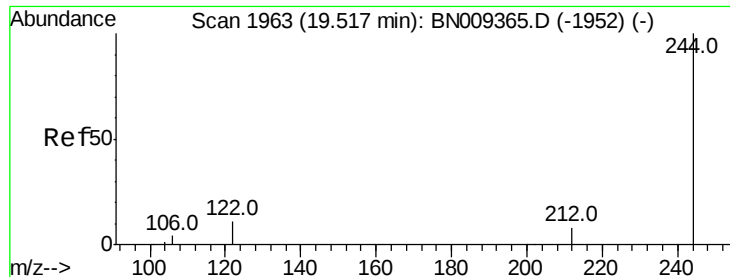


Abundance Ion 202.00 (201.70 to 202.70): E

8000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.51 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

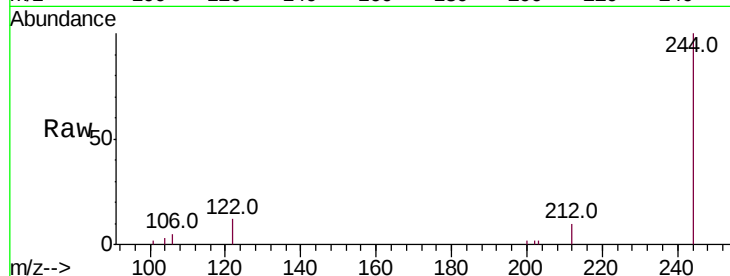
Tot Ion:244 Resp: 5619

Ion Ratio Lower Upper

244 100

212 9.5 7.5 11.3

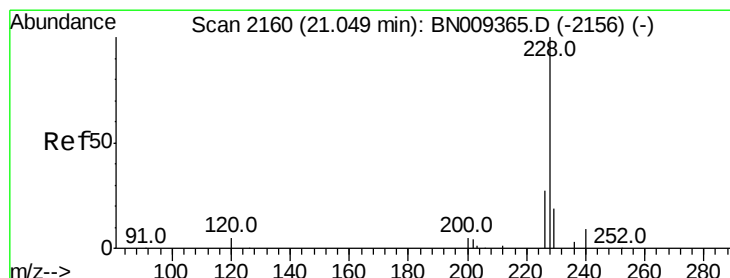
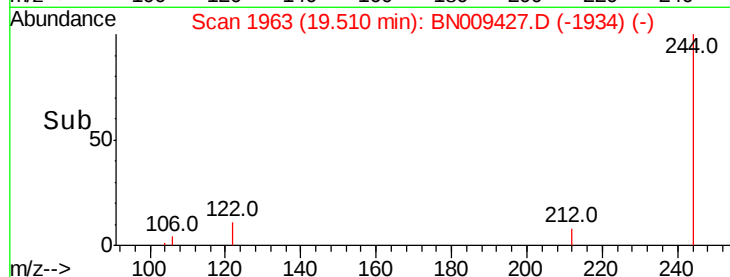
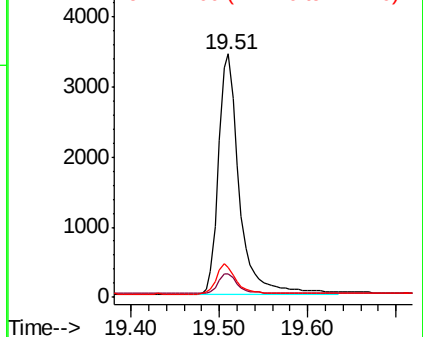
122 12.0 9.8 14.6



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: 0.370 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

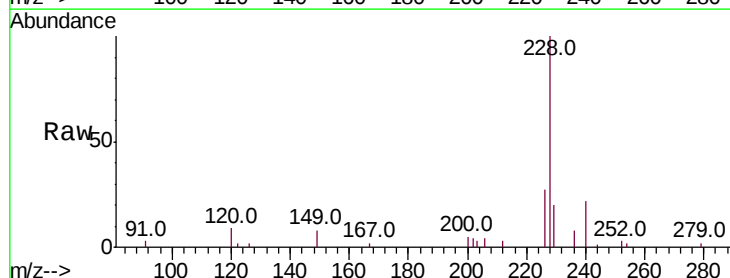
Tgt Ion:228 Resp: 7237

Ion Ratio Lower Upper

228 100

226 27.3 22.5 33.7

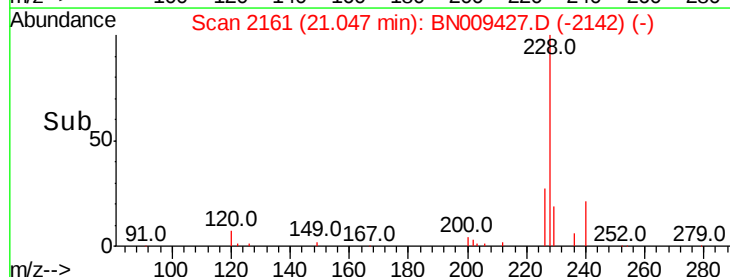
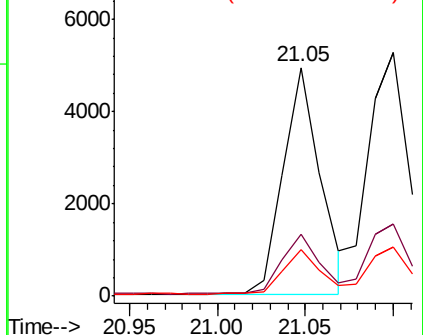
229 20.3 16.1 24.1

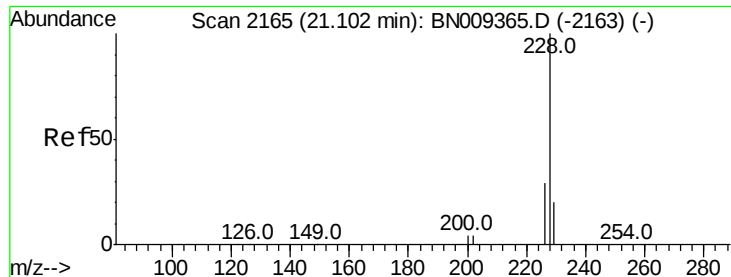


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.397 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

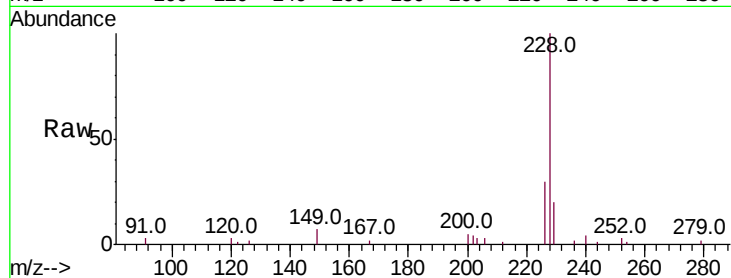
Tot Ion:228 Resp: 8883

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

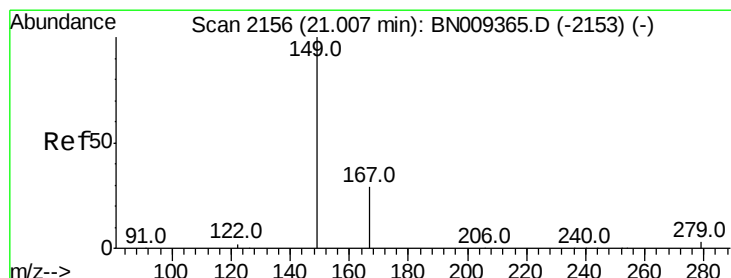
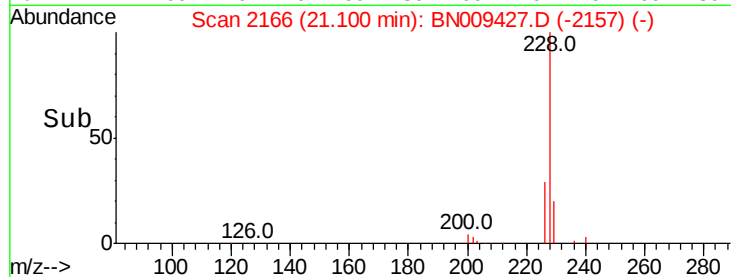
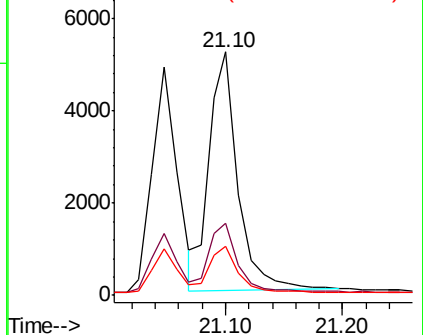
229 20.4 16.6 24.8



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: 0.405 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

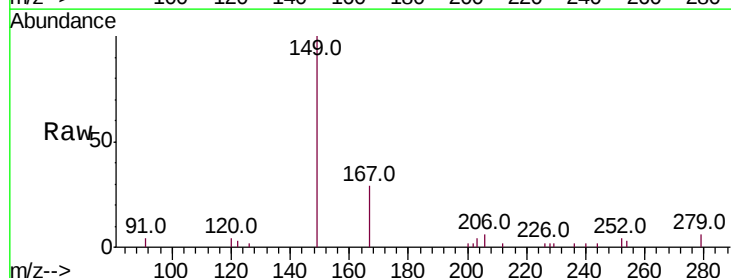
Tgt Ion:149 Resp: 3506

Ion Ratio Lower Upper

149 100

167 27.9 22.9 34.3

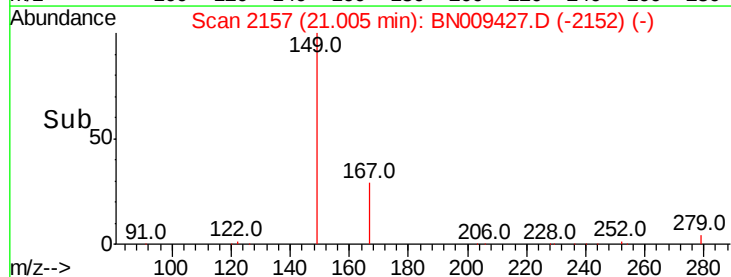
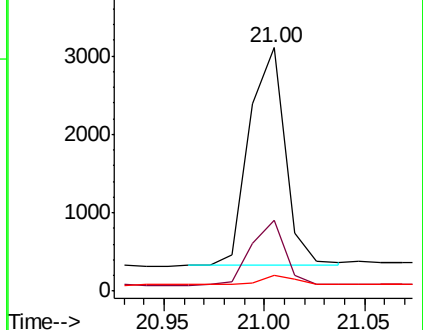
279 3.7 3.4 5.0

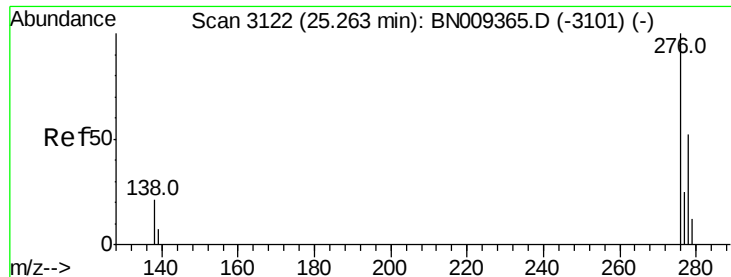


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.385 ng

RT: 25.25 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

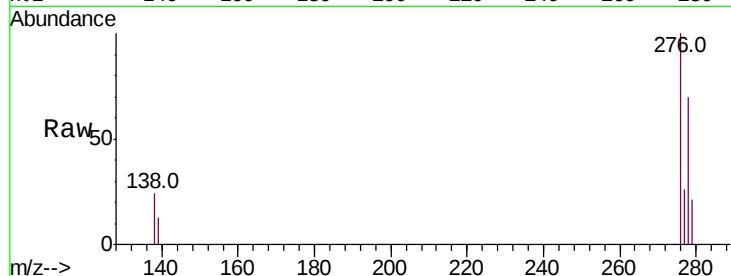
Tot Ion:276 Resp: 8961

Ion Ratio Lower Upper

276 100

138 20.5 15.9 23.9

277 25.0 19.8 29.6

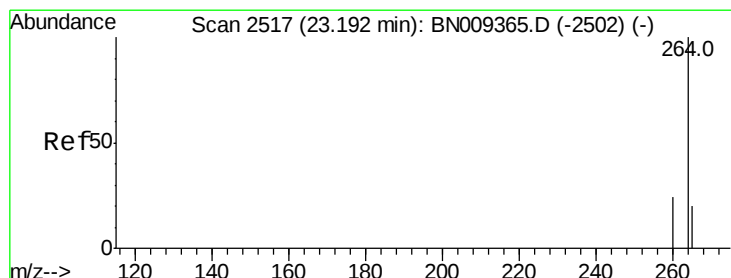
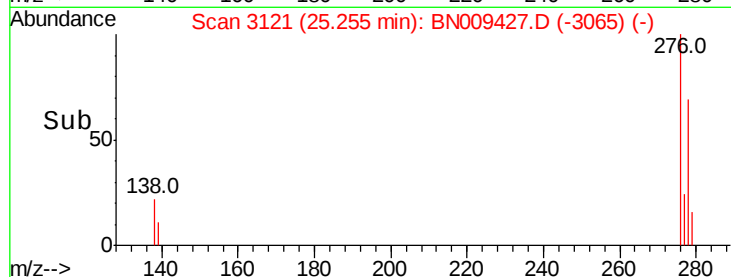
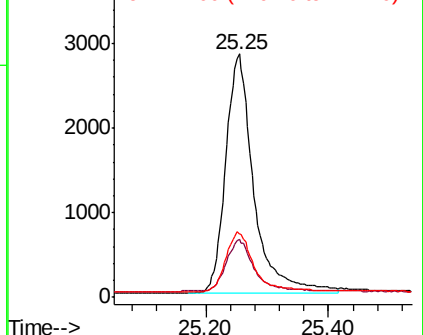


Abundance

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: BN009427.D

Acq: 23 Jan 2020 17:16

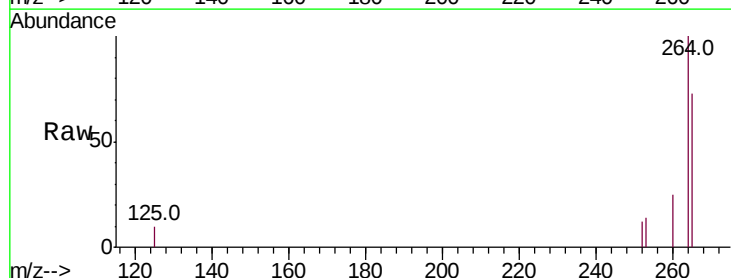
Tgt Ion:264 Resp: 6028

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

265 73.0 68.2 102.4

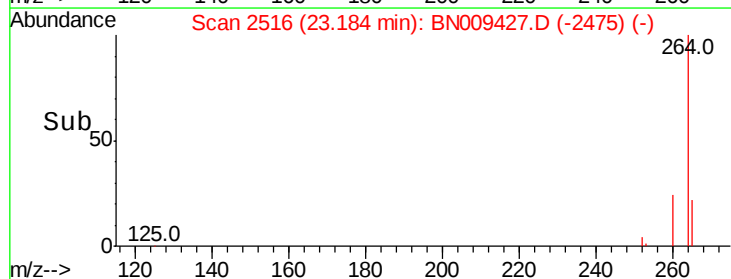
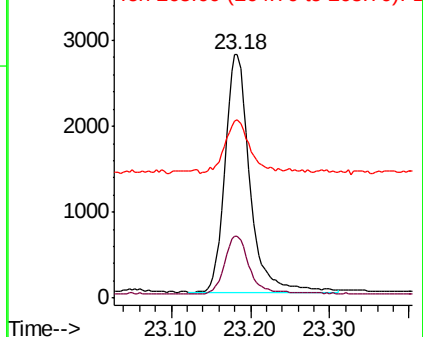


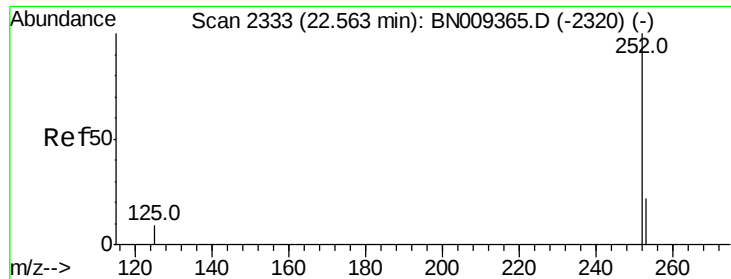
Abundance

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

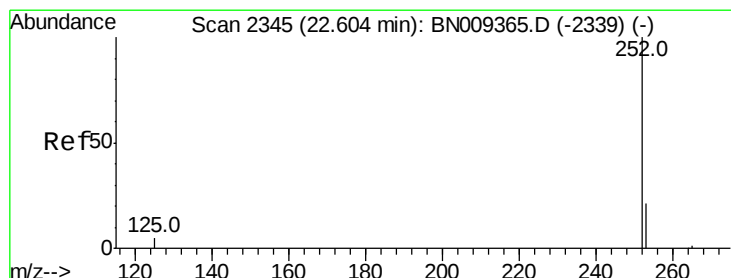
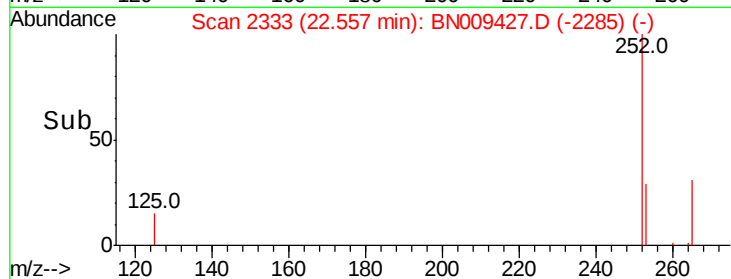
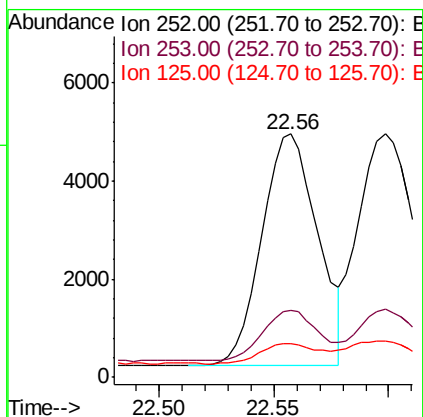
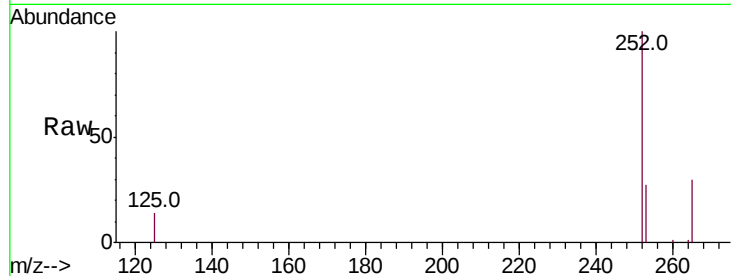




#35
Benzo(b)fluoranthene
Concen: 0.360 ng
RT: 22.56 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BN009427.D
Acq: 23 Jan 2020 17:16

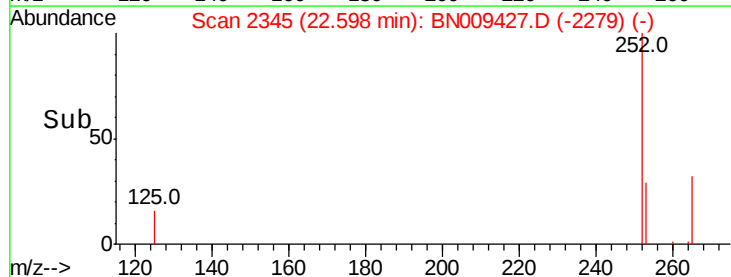
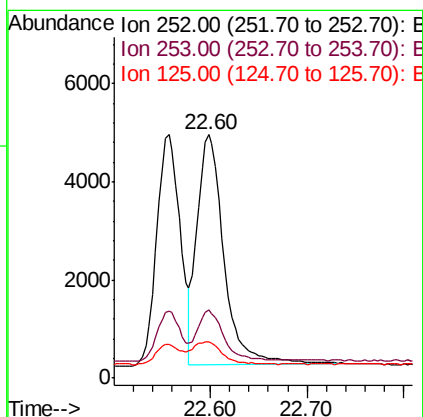
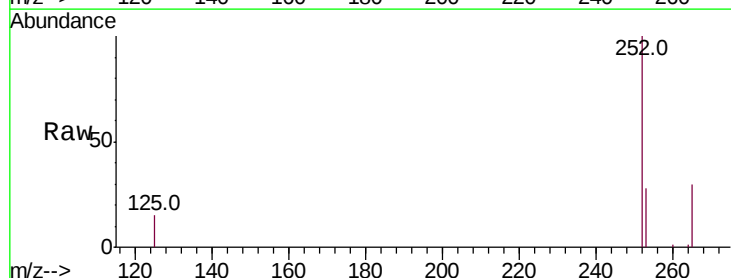
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

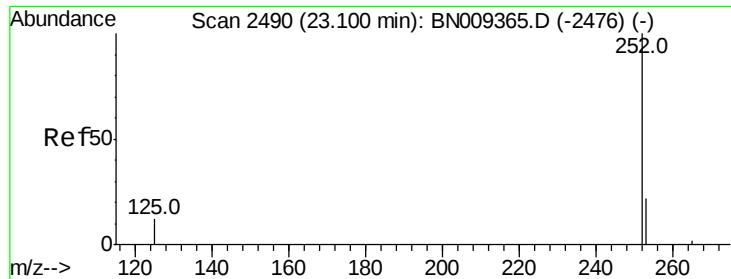
Tot Ion:252 Resp: 7988
Ion Ratio Lower Upper
252 100
253 27.4 22.4 33.6
125 13.9 11.6 17.4



#36
Benzo(k)fluoranthene
Concen: 0.368 ng
RT: 22.60 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BN009427.D
Acq: 23 Jan 2020 17:16

Tgt Ion:252 Resp: 9015
Ion Ratio Lower Upper
252 100
253 27.9 21.9 32.9
125 15.1 12.0 18.0





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 23.09 min Scan# 2489

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

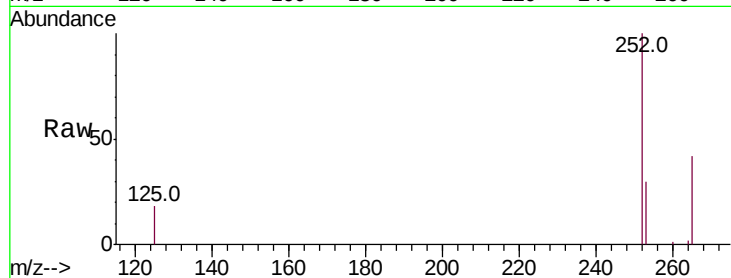
Tot Ion:252 Resp: 7388

Ion Ratio Lower Upper

252 100

253 30.4 25.4 38.0

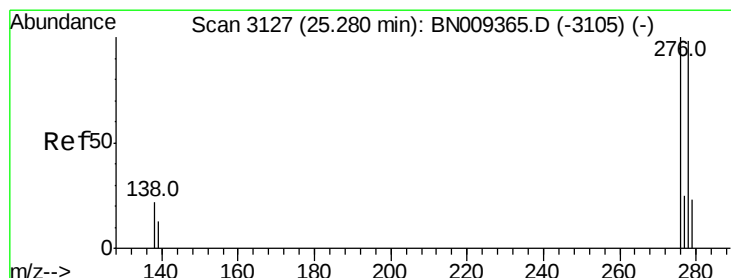
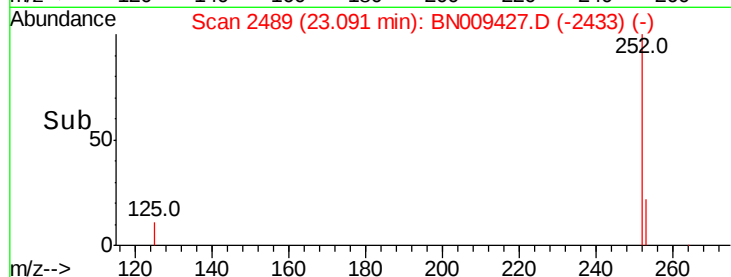
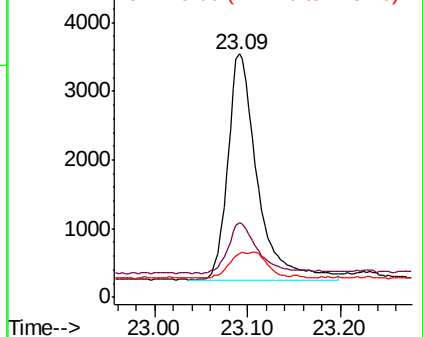
125 17.8 16.2 24.2



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: 0.365 ng

RT: 25.26 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

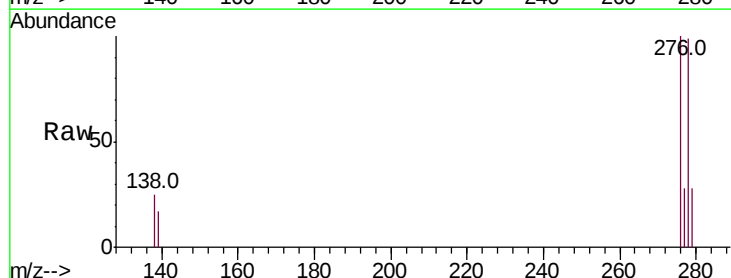
Tgt Ion:278 Resp: 7158

Ion Ratio Lower Upper

278 100

139 17.2 14.5 21.7

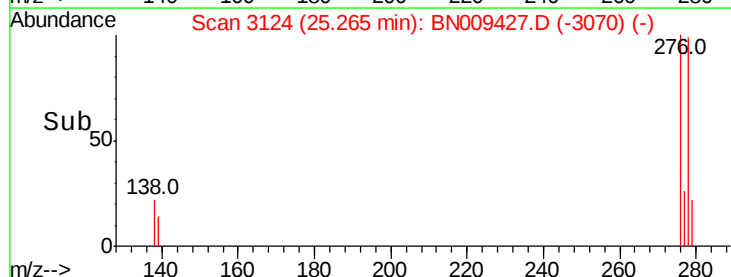
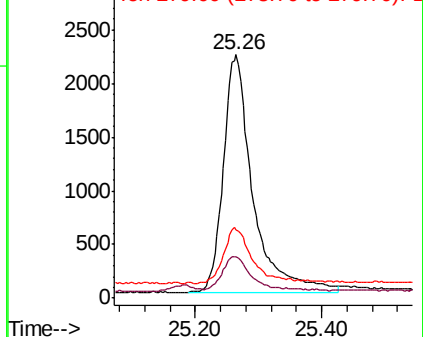
279 28.1 24.2 36.4

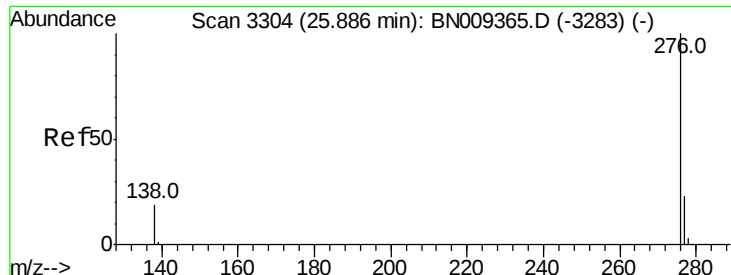


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.357 ng

RT: 25.87 min Scan# 3302

Delta R.T. -0.01 min

Lab File: BN009427.D

Acq: 23 Jan 2020 17:16

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

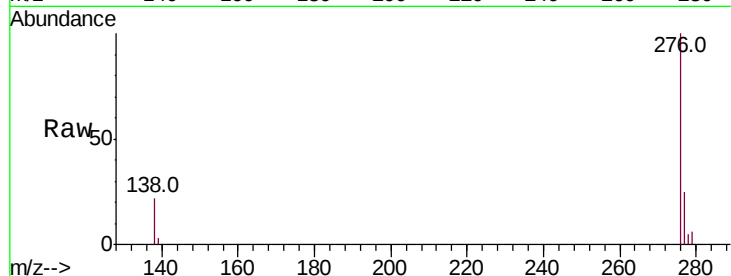
Tot Ion:276 Resp: 7713

Ion Ratio Lower Upper

276 100

277 25.3 20.6 30.8

138 22.1 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

