

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
 Data File : BN009366.D
 Acq On : 13 Jan 2020 16:18
 Operator : JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jan 13 16:57:19 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	1339	0.40	ng	0.00
7) Naphthalene-d8	10.23	136	4740	0.40	ng	0.00
13) Acenaphthene-d10	14.11	164	2904	0.40	ng	0.00
19) Phenanthrene-d10	16.85	188	6188	0.40	ng	-0.01
27) Chrysene-d12	21.07	240	5705	0.40	ng	0.00
34) Perylene-d12	23.19	264	5506	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.12	112	2520	0.74	ng	0.00
5) Phenol-d6	6.68	99	2990	0.64	ng	0.00
8) Nitrobenzene-d5	8.62	82	3112	0.77	ng	-0.01
11) 2-Methylnaphthalene-d10	11.83	152	7428	0.92	ng	0.00
14) 2,4,6-Tribromophenol	15.61	330	841	0.60	ng	-0.01
15) 2-Fluorobiphenyl	12.73	172	9092	0.82	ng	0.00
25) Fluoranthene-d10	18.90	212	17008	0.91	ng	0.00
29) Terphenyl-d14	19.52	244	11116	0.85	ng	0.00

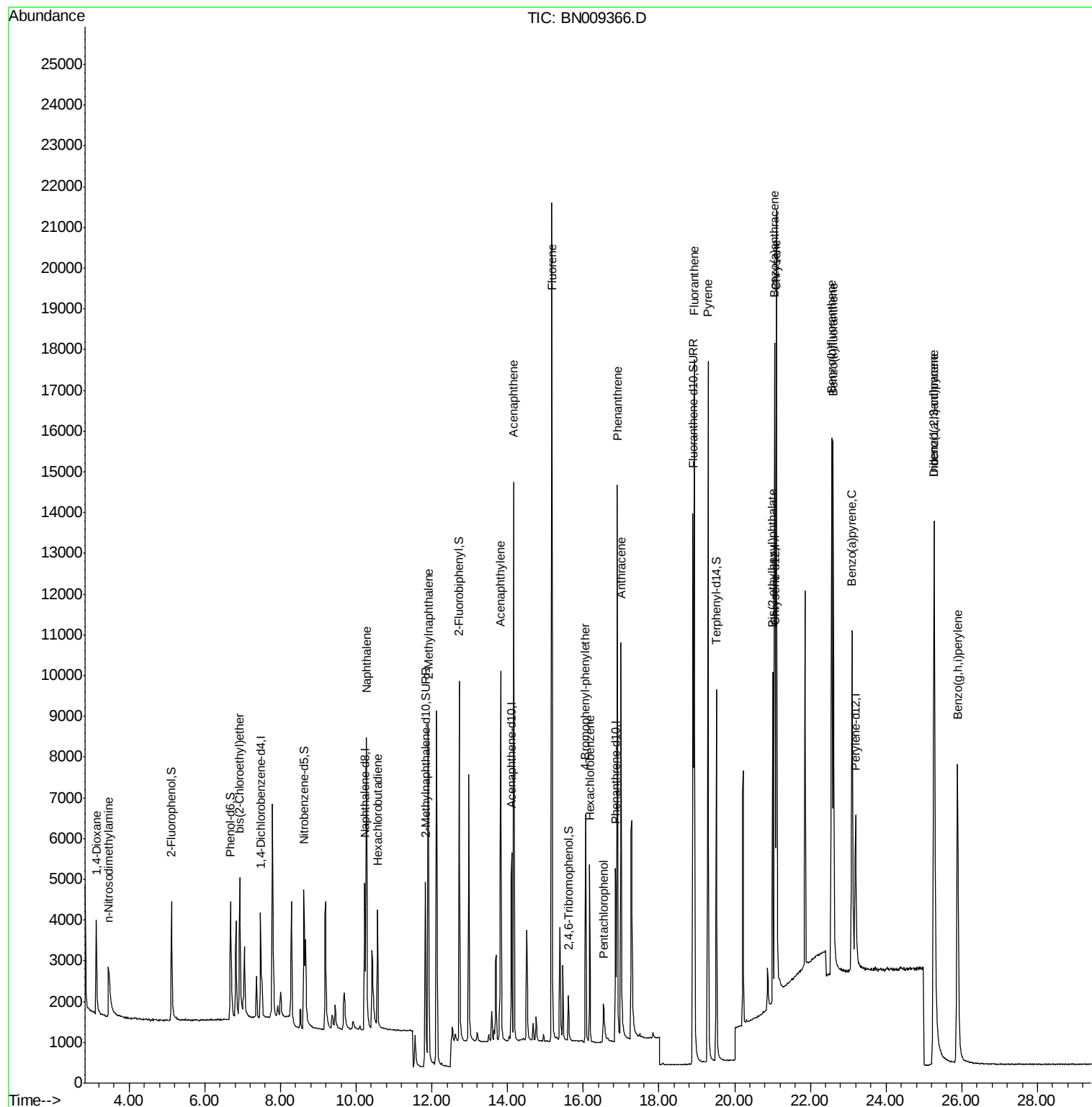
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	1263	1.005	ng	95
3) n-Nitrosodimethylamine	3.46	42	1821	1.050	ng	# 93
6) bis(2-Chloroethyl)ether	6.93	93	2912	0.656	ng	97
9) Naphthalene	10.28	128	10448	0.808	ng	98
10) Hexachlorobutadiene	10.57	225	2255	0.911	ng	# 98
12) 2-Methylnaphthalene	11.90	142	7241	0.752	ng	99
16) Acenaphthylene	13.82	152	10010	0.754	ng	100
17) Acenaphthene	14.16	154	7118	0.807	ng	99
18) Fluorene	15.17	166	9295	0.784	ng	98
20) 4-Bromophenyl-phenylether	16.06	248	3115	0.842	ng	# 83
21) Hexachlorobenzene	16.17	284	3233	0.767	ng	100
22) Pentachlorophenol	16.54	266	851	0.560	ng	95
23) Phenanthrene	16.90	178	15188	0.780	ng	100
24) Anthracene	16.99	178	12664	0.738	ng	100
26) Fluoranthene	18.93	202	17657	0.762	ng	99
28) Pyrene	19.29	202	17510	0.876	ng	100
30) Benzo(a)anthracene	21.05	228	15279	0.755	ng	98
31) Chrysene	21.10	228	17186	0.820	ng	99
32) Bis(2-ethylhexyl)phthalate	21.01	149	6466	0.683	ng	99
33) Indeno(1,2,3-cd)pyrene	25.26	276	18351	0.827	ng	97
35) Benzo(b)fluoranthene	22.56	252	16482	0.836	ng	94
36) Benzo(k)fluoranthene	22.60	252	18163	0.915	ng	# 93
37) Benzo(a)pyrene	23.10	252	14420	0.815	ng	# 89
38) Dibenzo(a,h)anthracene	25.27	278	14429	0.869	ng	93
39) Benzo(g,h,i)perylene	25.89	276	16186	0.988	ng	98

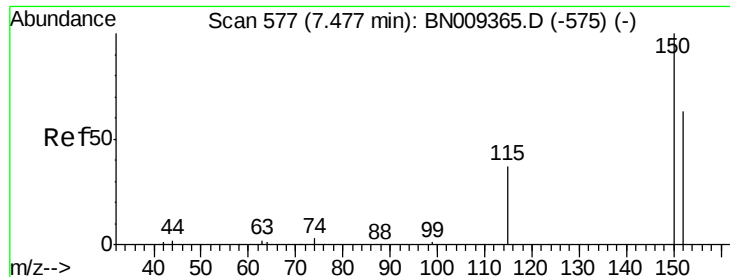
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011420\
Data File : BN009366.D
Acq On : 13 Jan 2020 16:18
Operator : JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jan 13 16:57:19 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



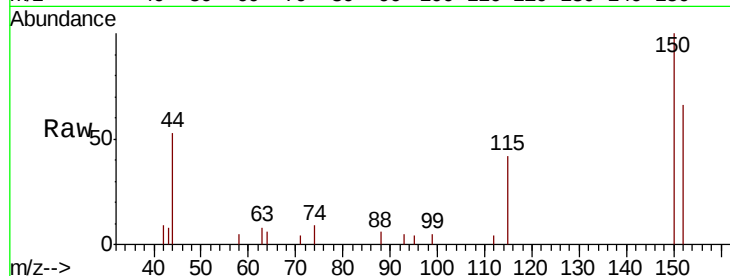


#1

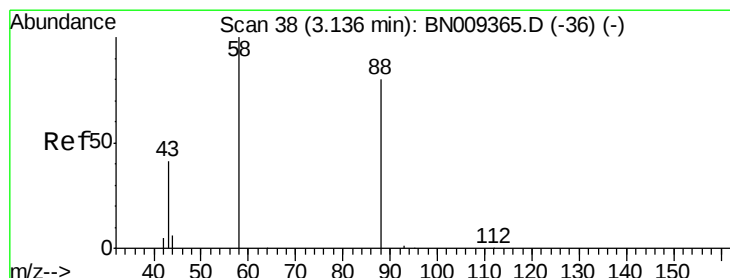
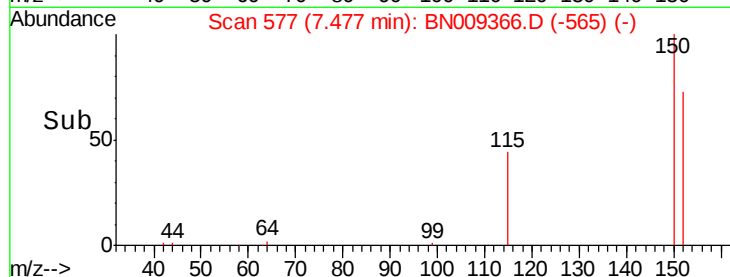
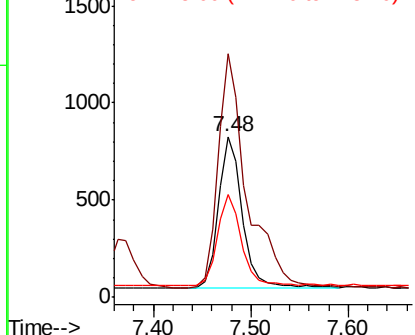
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

Tot Ion:152 Resp: 1339
Ion Ratio Lower Upper
152 100
150 151.5 125.7 188.5
115 64.1 53.3 79.9



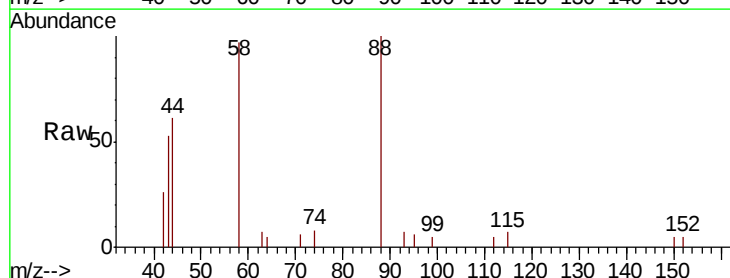
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



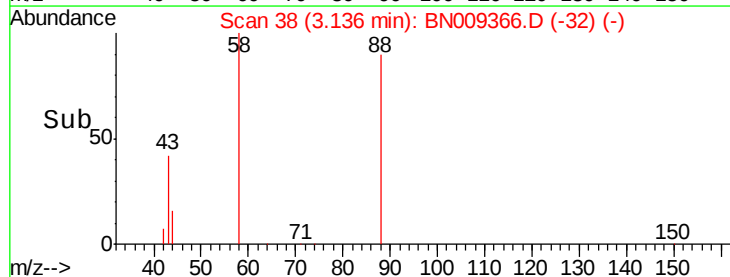
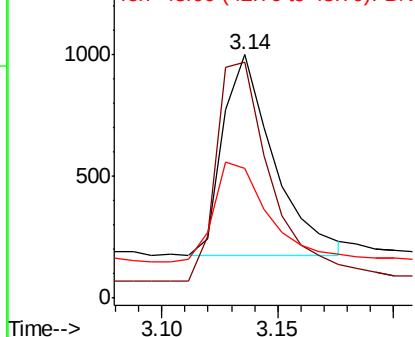
#2

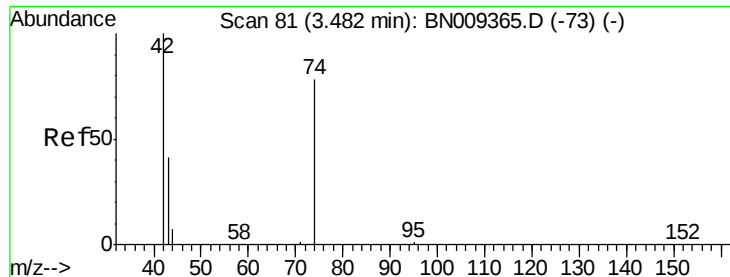
1,4-Dioxane
Concen: 1.005 ng
RT: 3.14 min Scan# 38
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion: 88 Resp: 1263
Ion Ratio Lower Upper
88 100
58 117.3 100.2 150.2
43 52.6 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



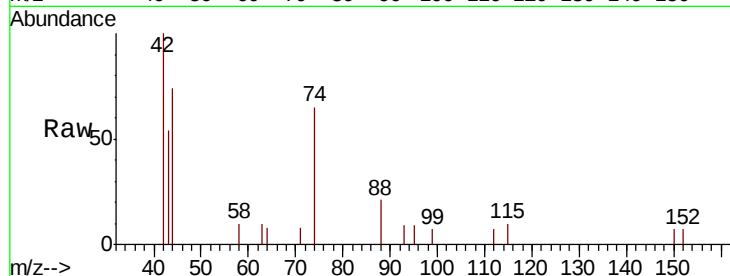


#3

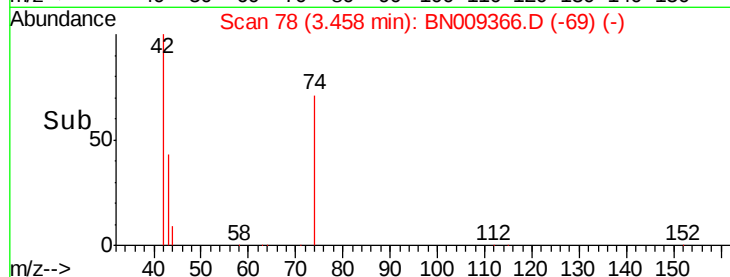
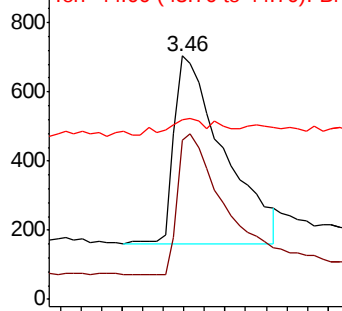
n-Nitrosodimethylamine
 Concen: 1.050 ng
 RT: 3.46 min Scan# 78
 Delta R.T. -0.02 min
 Lab File: BN009366.D
 Acq: 13 Jan 2020 16:18

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.8

Tot Ion: 42 Resp: 1821
 Ion Ratio Lower Upper
 42 100
 74 73.5 55.8 83.8
 44 6.3 11.1 16.7#



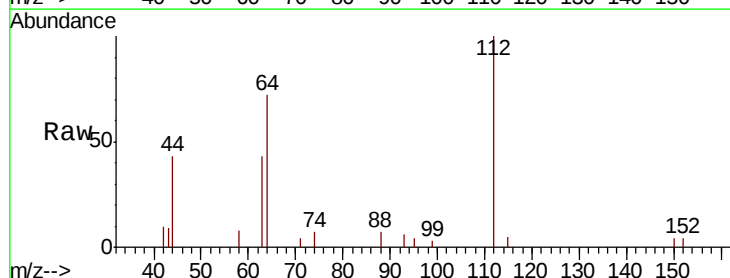
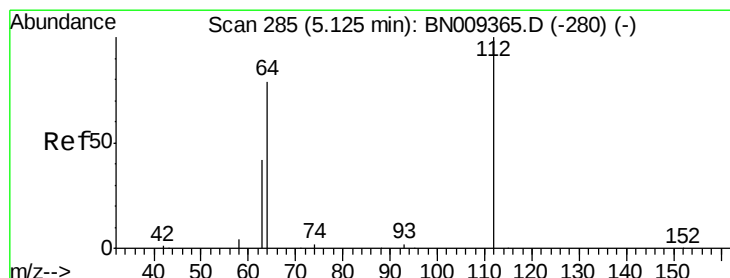
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



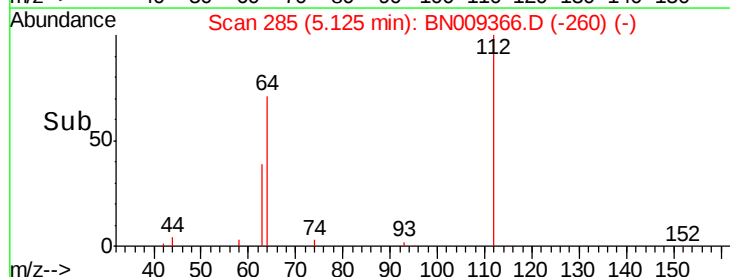
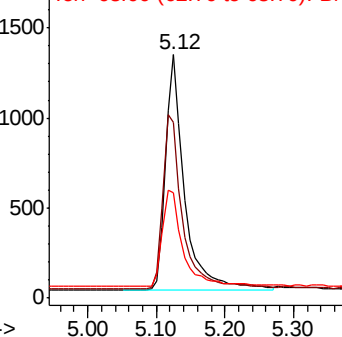
#4

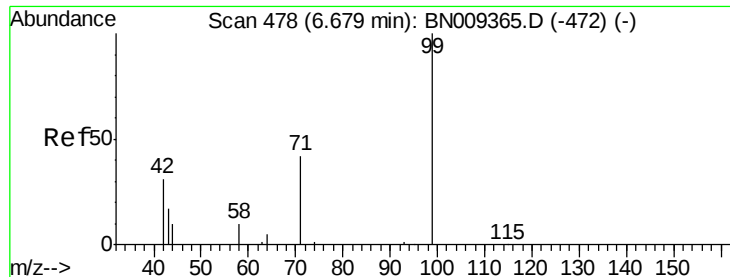
2-Fluorophenol
 Concen: 0.740 ng
 RT: 5.12 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: BN009366.D
 Acq: 13 Jan 2020 16:18

Tgt Ion: 112 Resp: 2520
 Ion Ratio Lower Upper
 112 100
 64 77.5 61.5 92.3
 63 44.4 35.0 52.4



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BN0
 Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.635 ng

RT: 6.68 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

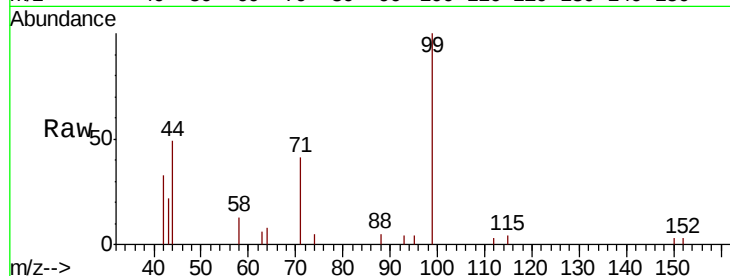
Tot Ion: 99 Resp: 2990

Ion Ratio Lower Upper

99 100

42 32.8 27.6 41.4

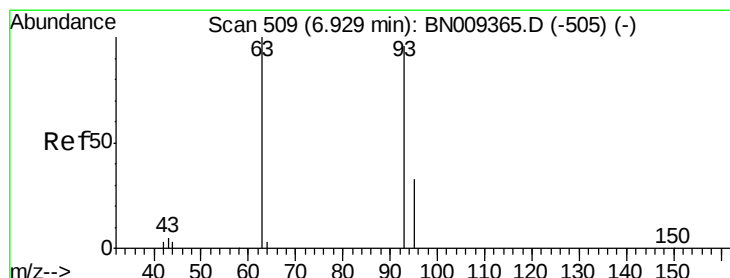
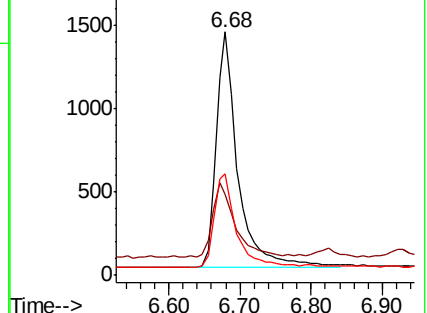
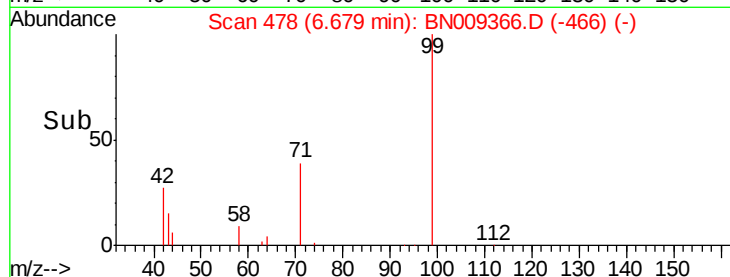
71 39.6 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BN009366.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN009366.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN009366.D (-466) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.656 ng

RT: 6.93 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

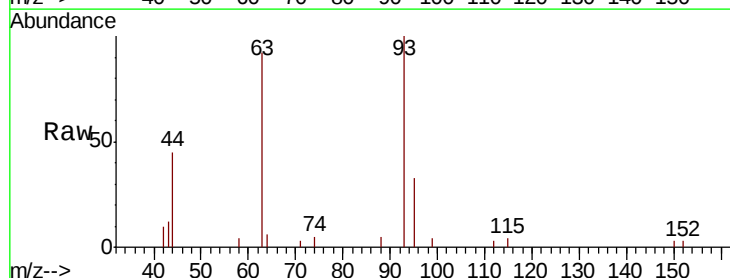
Tgt Ion: 93 Resp: 2912

Ion Ratio Lower Upper

93 100

63 104.4 85.1 127.7

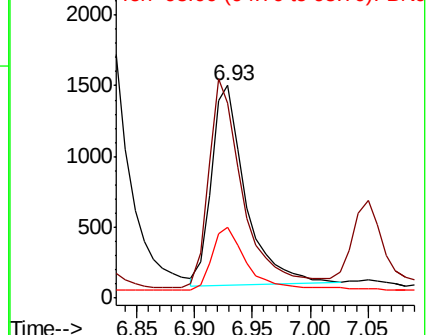
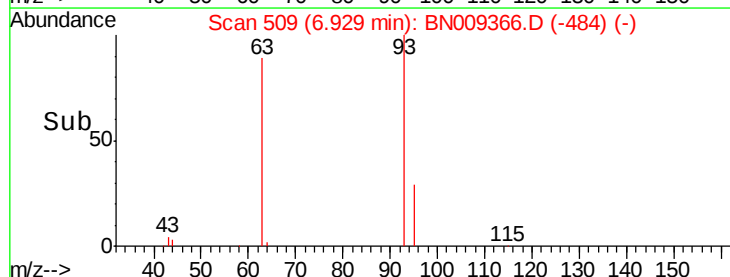
95 34.5 30.2 45.4

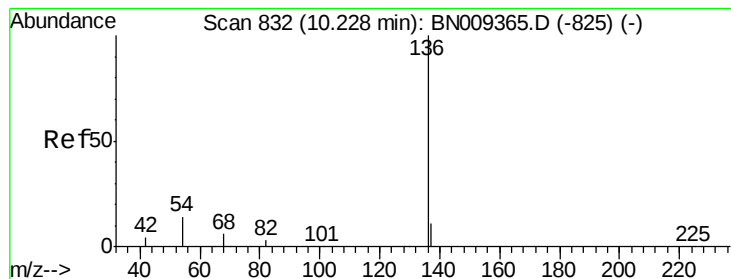


Abundance Ion 93.00 (92.70 to 93.70): BN009366.D (-484) (-)

Ion 63.00 (62.70 to 63.70): BN009366.D (-484) (-)

Ion 95.00 (94.70 to 95.70): BN009366.D (-484) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 4740

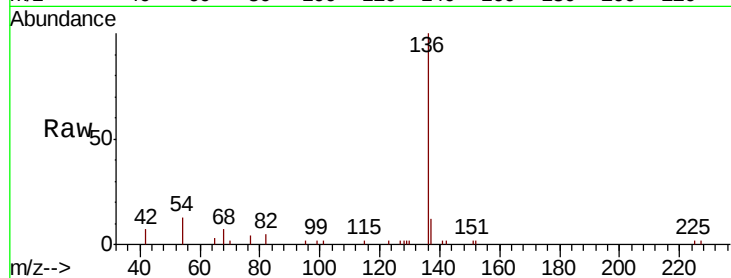
Ion Ratio Lower Upper

136 100

137 12.2 10.3 15.5

54 13.4 12.6 19.0

68 6.8 6.5 9.7

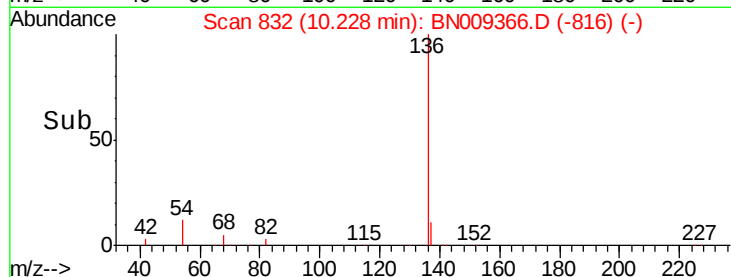


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

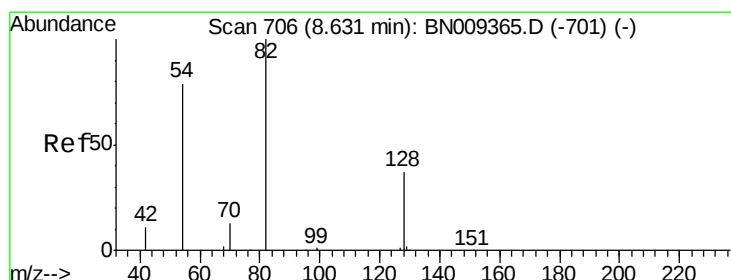
Ion 68.00 (67.70 to 68.70): BNC



Abundance

10.23

Time-->



#8

Nitrobenzene-d5

Concen: 0.774 ng

RT: 8.62 min Scan# 705

Delta R.T. -0.01 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

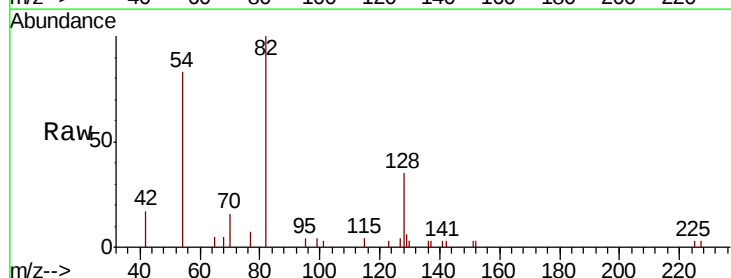
Tgt Ion: 82 Resp: 3112

Ion Ratio Lower Upper

82 100

128 35.2 34.8 52.2

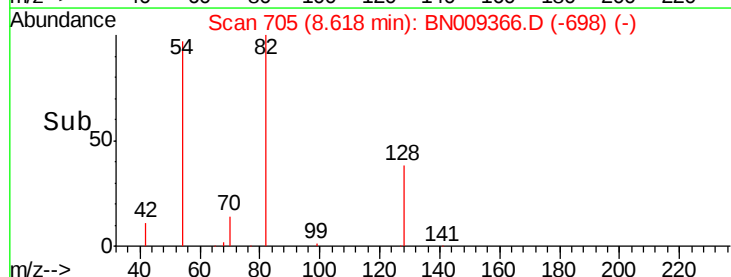
54 83.5 65.8 98.6



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

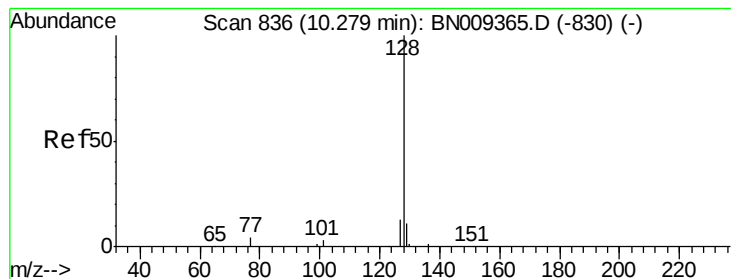
Ion 54.00 (53.70 to 54.70): BNC



Abundance

8.62

Time-->



#9

Naphthalene

Concen: 0.808 ng

RT: 10.28 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

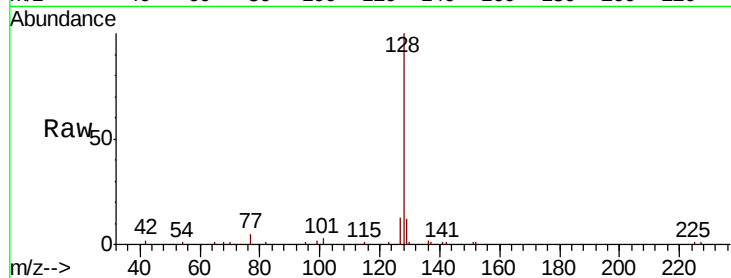
Tot Ion:128 Resp: 10448

Ion Ratio Lower Upper

128 100

129 11.9 10.4 15.6

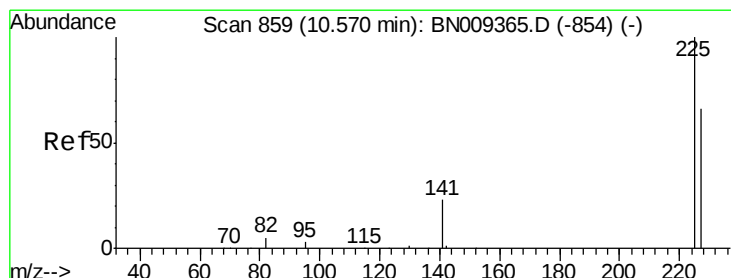
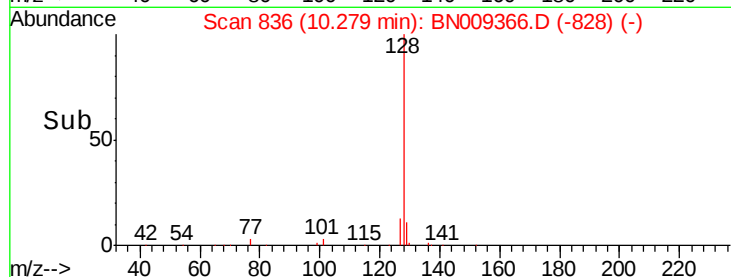
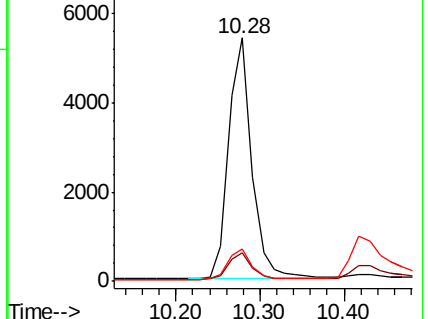
127 13.4 11.4 17.2



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: 0.911 ng

RT: 10.57 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

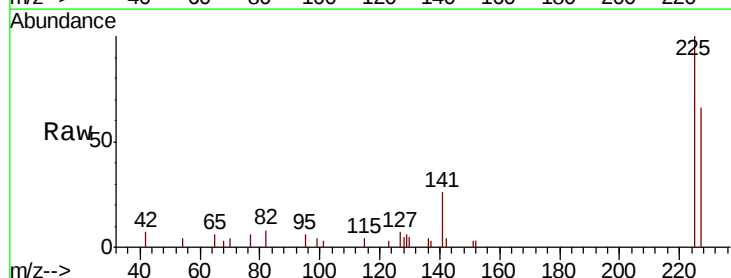
Tgt Ion:225 Resp: 2255

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

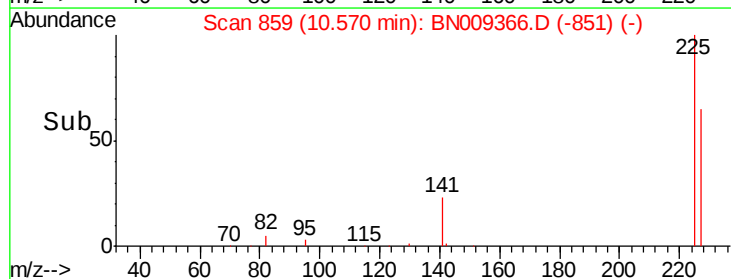
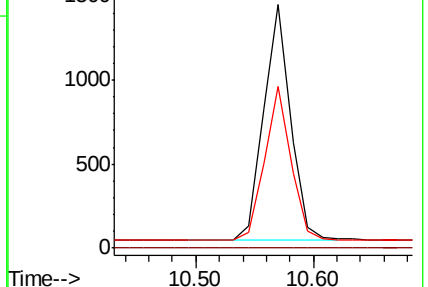
227 64.4 52.6 78.8

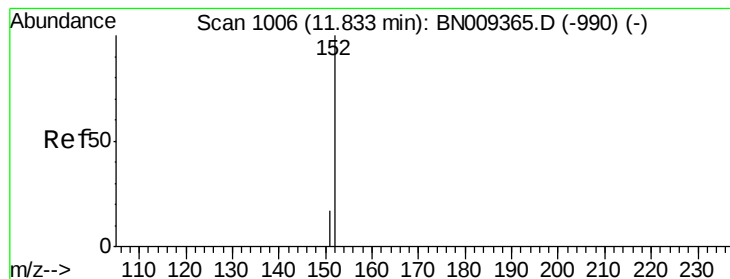


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.916 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

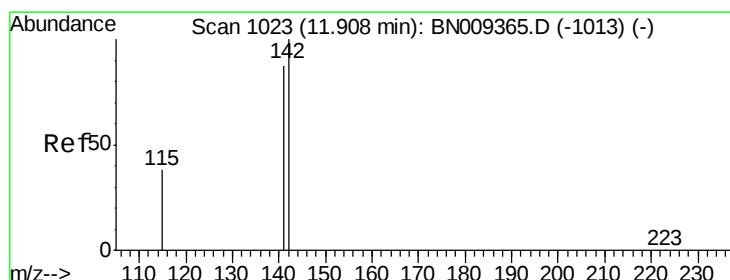
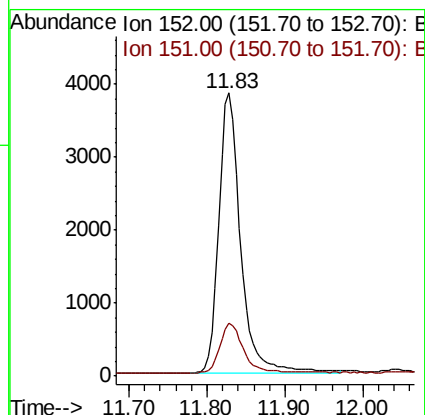
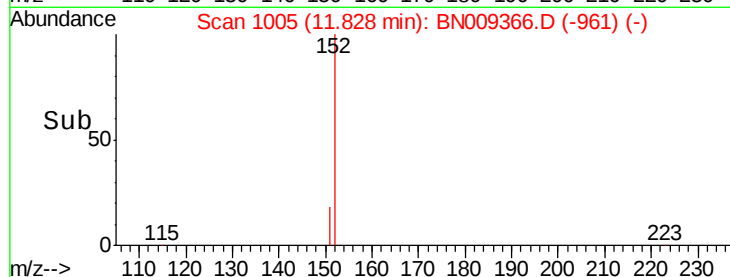
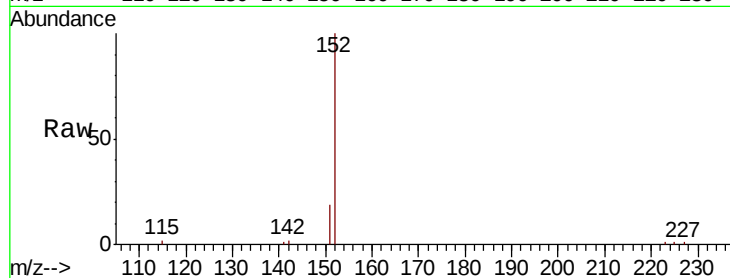
SSTDIC0.8

Tot Ion:152 Resp: 7428

Ion Ratio Lower Upper

152 100

151 19.3 14.8 22.2



#12

2-Methylnaphthalene

Concen: 0.752 ng

RT: 11.90 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

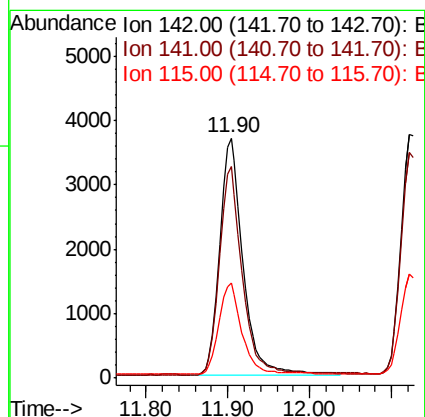
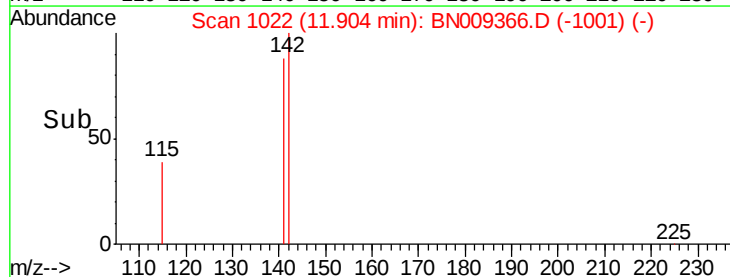
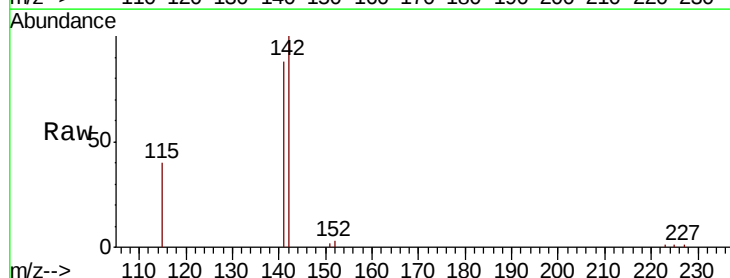
Tgt Ion:142 Resp: 7241

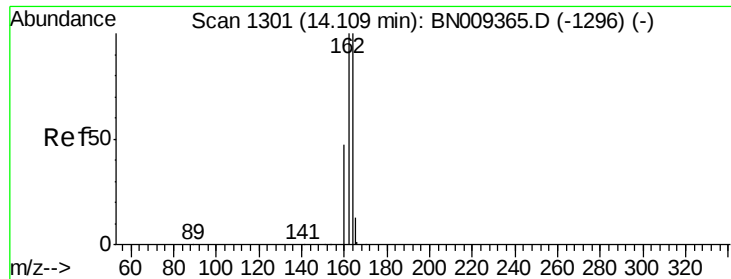
Ion Ratio Lower Upper

142 100

141 87.9 69.8 104.6

115 39.7 32.5 48.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.11 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

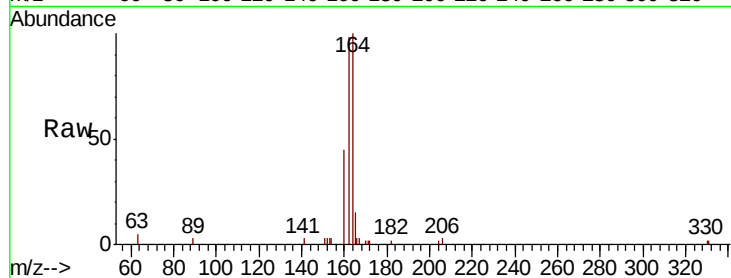
Tot Ion:164 Resp: 2904

Ion Ratio Lower Upper

164 100

162 97.9 79.8 119.6

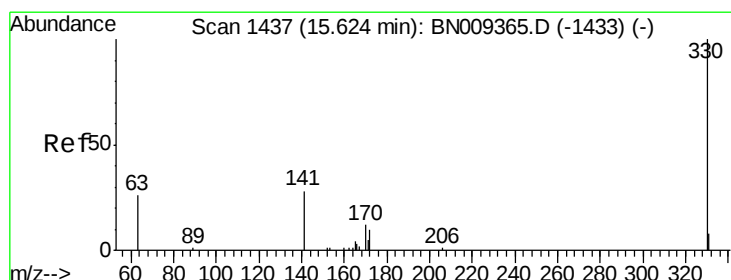
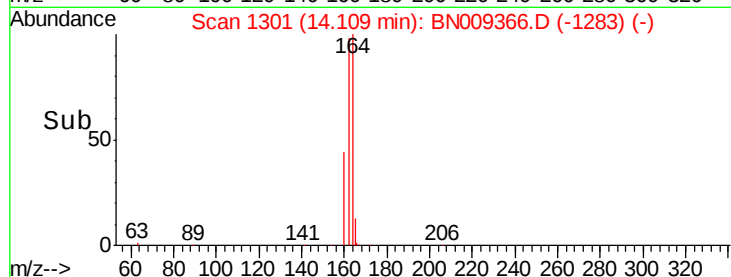
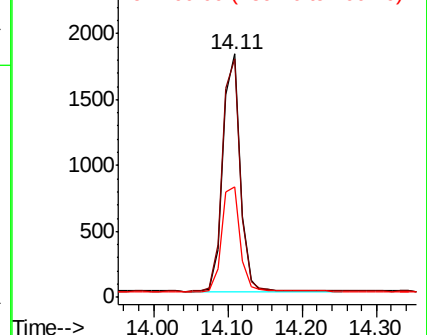
160 45.2 38.4 57.6



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: 0.603 ng

RT: 15.61 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

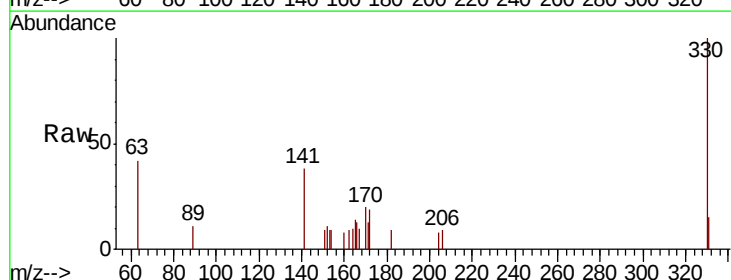
Tgt Ion:330 Resp: 841

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

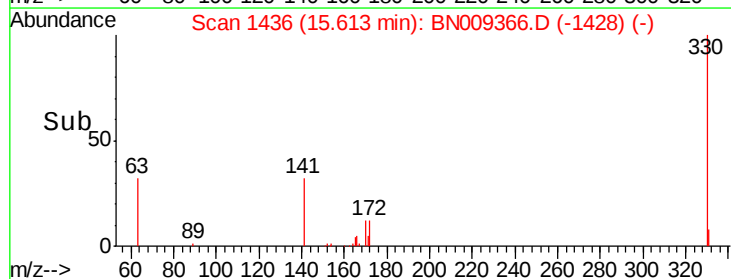
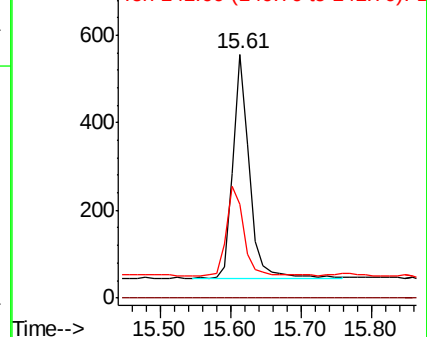
141 41.6 33.1 49.7

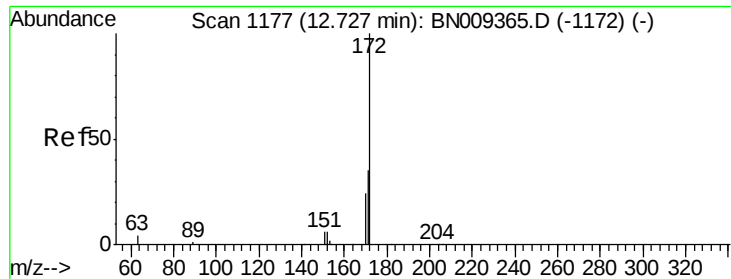


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

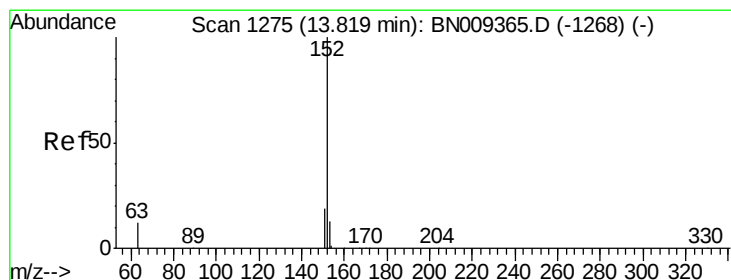
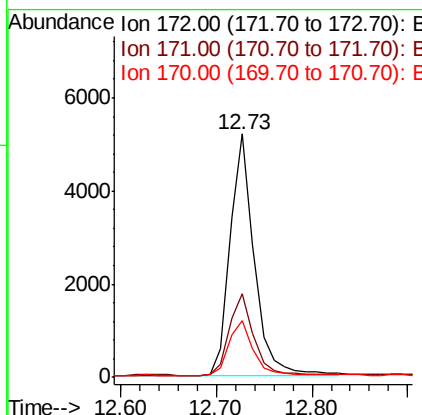
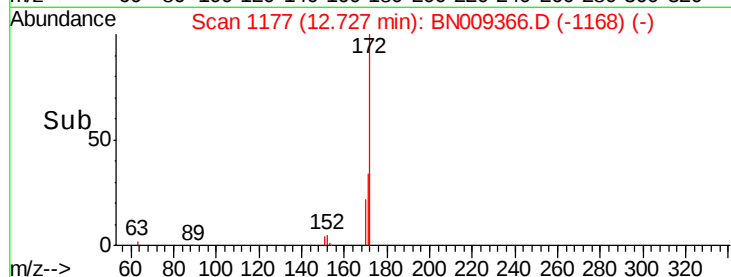
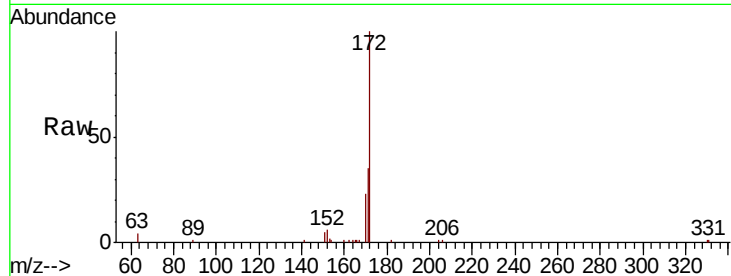




#15
2-Fluorobiphenyl
Concen: 0.824 ng
RT: 12.73 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

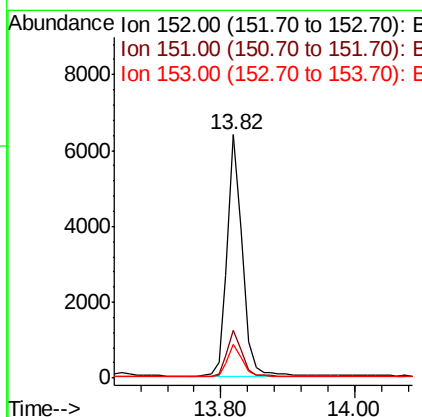
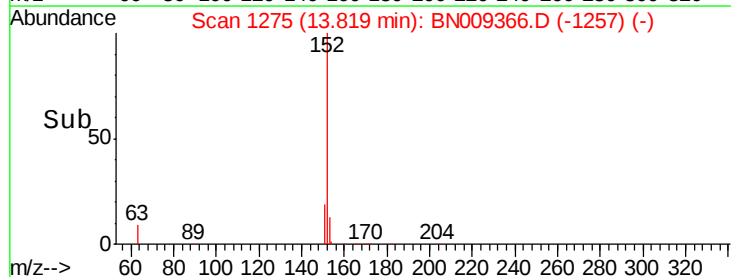
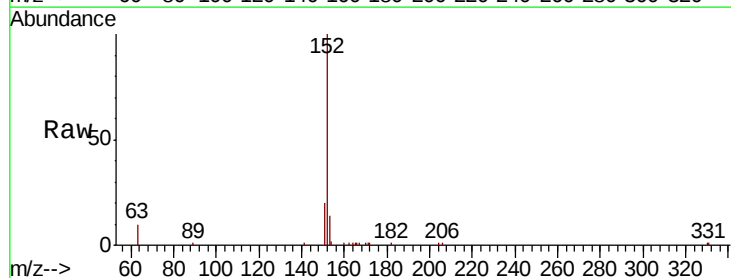
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

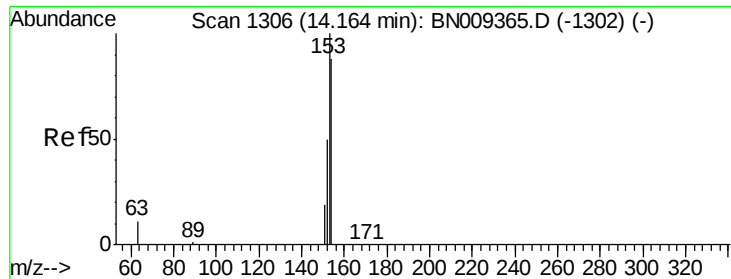
Tot Ion:172 Resp: 9092
Ion Ratio Lower Upper
172 100
171 34.6 29.5 44.3
170 23.2 20.7 31.1



#16
Acenaphthylene
Concen: 0.754 ng
RT: 13.82 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:152 Resp: 10010
Ion Ratio Lower Upper
152 100
151 19.1 15.4 23.2
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.807 ng

RT: 14.16 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

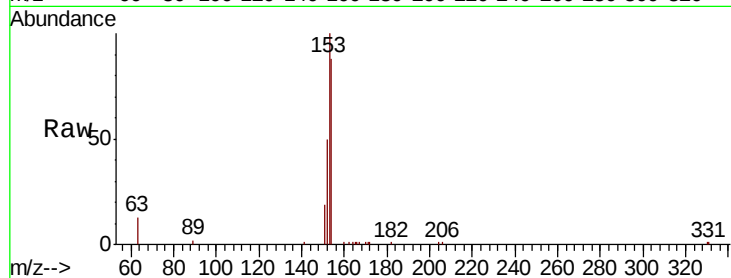
Tot Ion:154 Resp: 7118

Ion Ratio Lower Upper

154 100

153 112.5 90.5 135.7

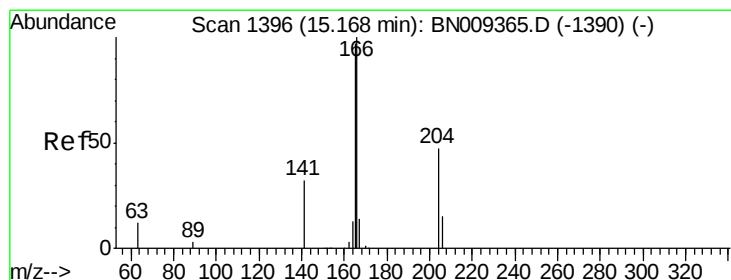
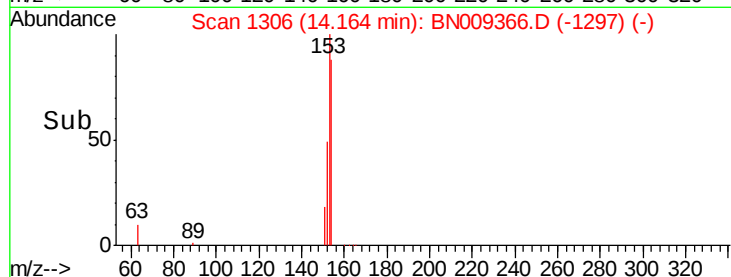
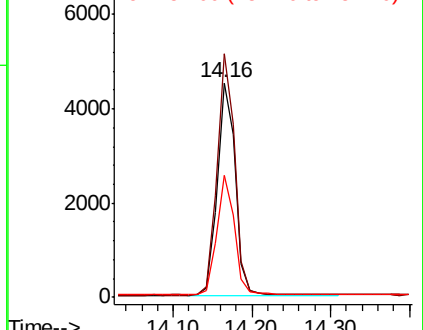
152 55.6 45.3 67.9



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: 0.784 ng

RT: 15.17 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

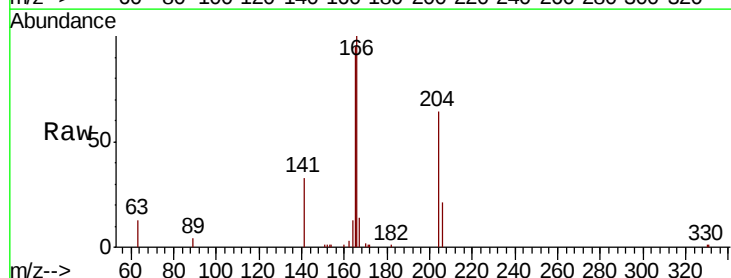
Tgt Ion:166 Resp: 9295

Ion Ratio Lower Upper

166 100

165 96.1 78.2 117.2

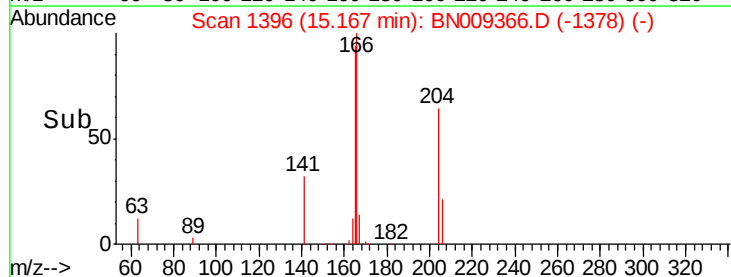
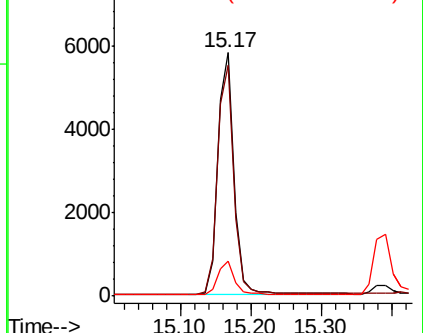
167 13.5 11.0 16.6

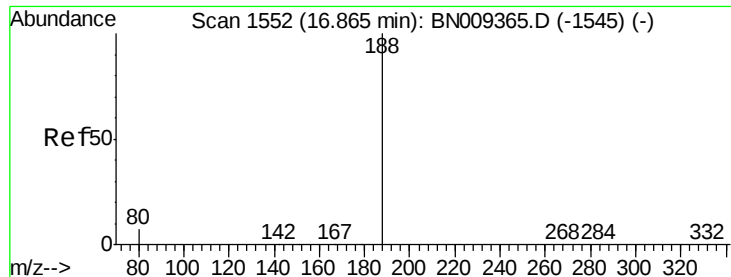


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.85 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

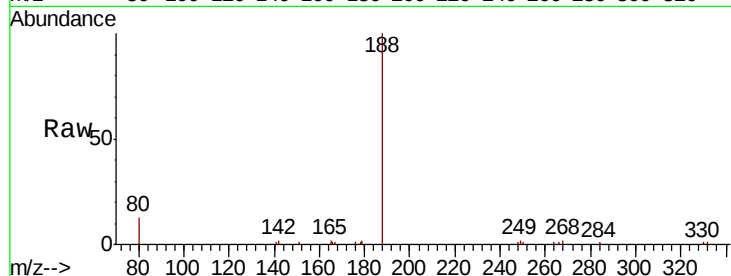
Tot Ion:188 Resp: 6188

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

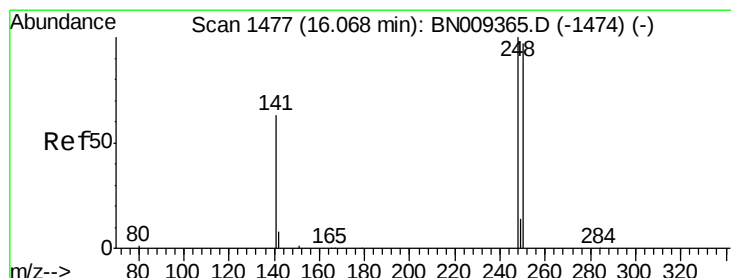
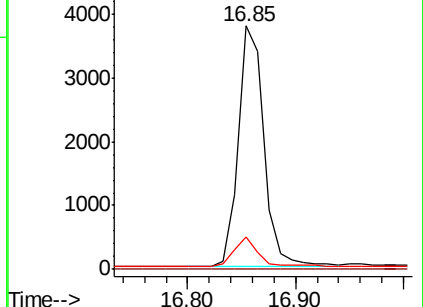
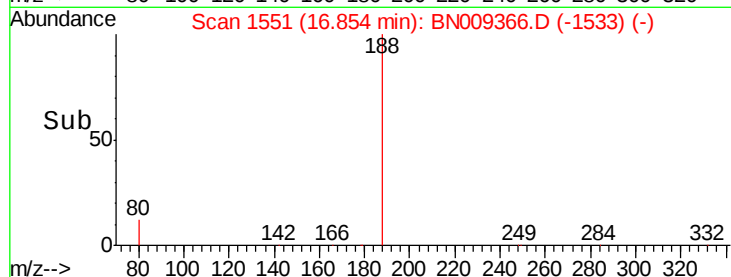
80 13.1 6.6 10.0#



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: 0.842 ng

RT: 16.06 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

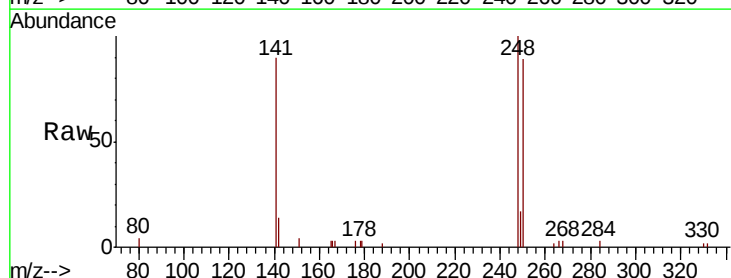
Tgt Ion:248 Resp: 3115

Ion Ratio Lower Upper

248 100

250 88.7 77.8 116.8

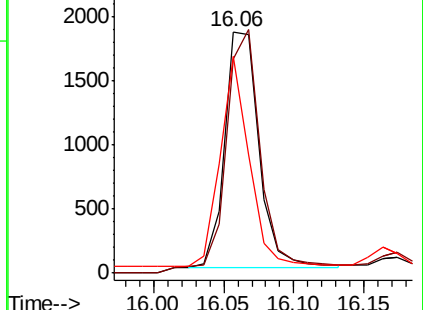
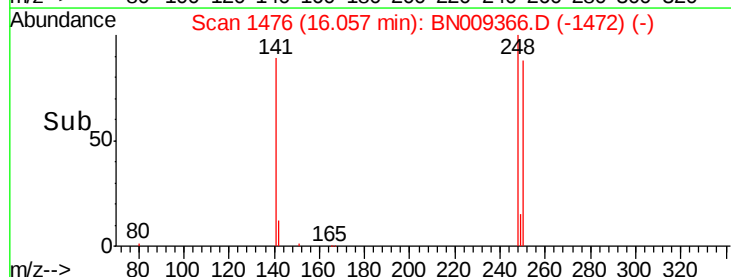
141 89.8 53.4 80.0#

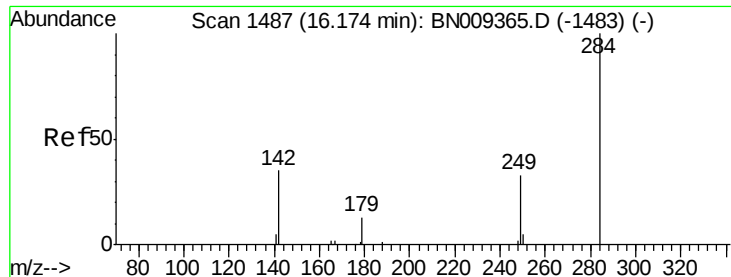


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.767 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

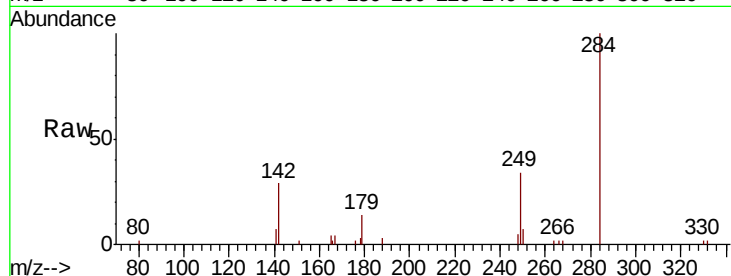
Tot Ion:284 Resp: 3233

Ion Ratio Lower Upper

284 100

142 42.1 33.8 50.8

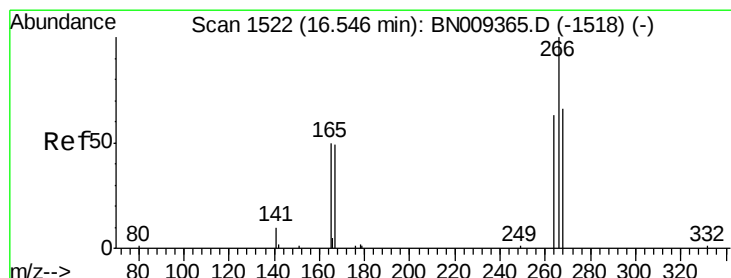
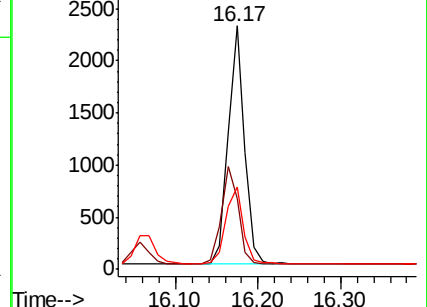
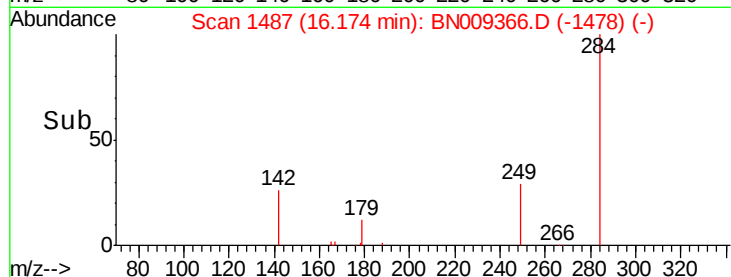
249 33.7 27.0 40.4



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: 0.560 ng

RT: 16.54 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

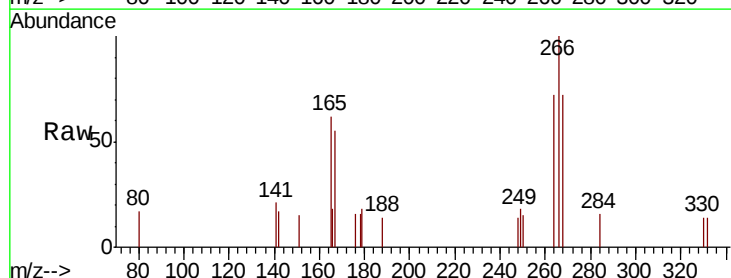
Tgt Ion:266 Resp: 851

Ion Ratio Lower Upper

266 100

264 71.8 57.8 86.6

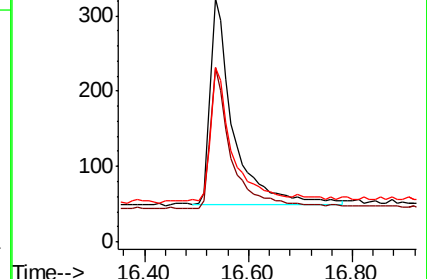
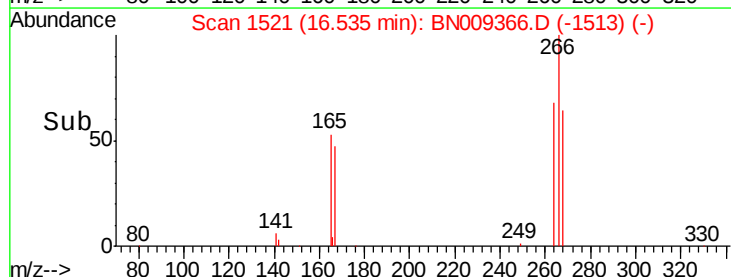
268 71.5 63.8 95.6

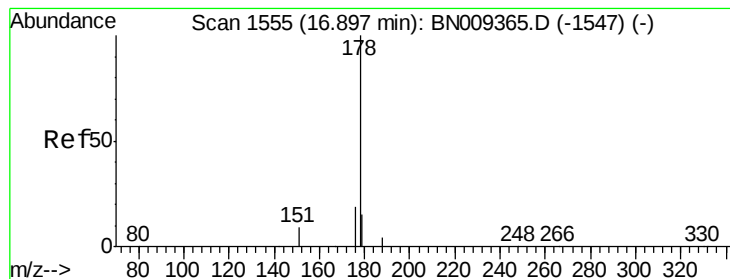


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.780 ng

RT: 16.90 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

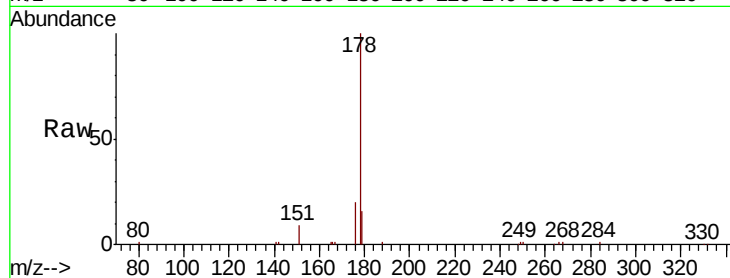
Tot Ion:178 Resp: 15188

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

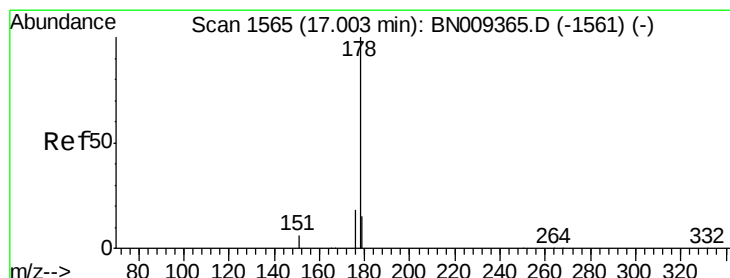
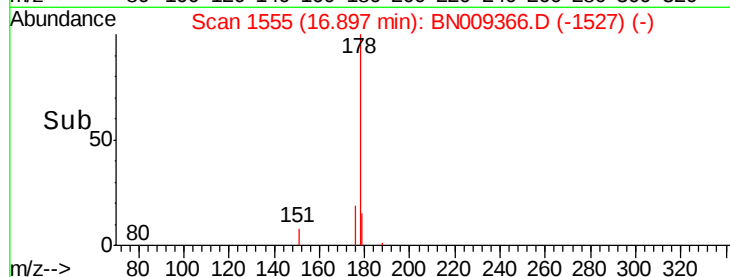
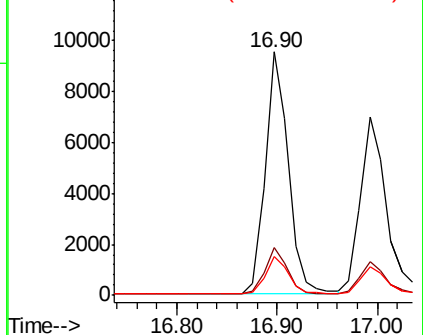
179 15.4 12.3 18.5



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: 0.738 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

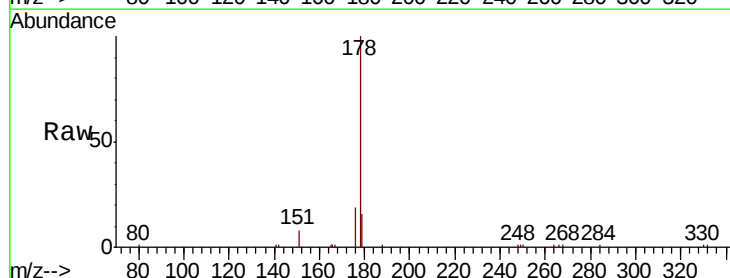
Tgt Ion:178 Resp: 12664

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

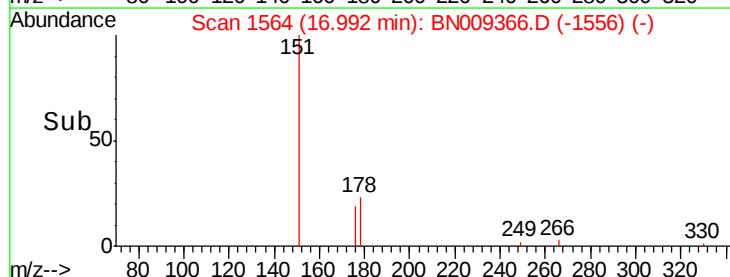
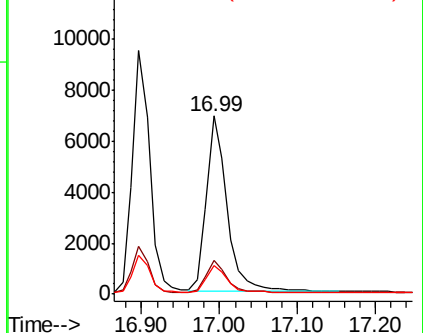
179 15.4 12.5 18.7

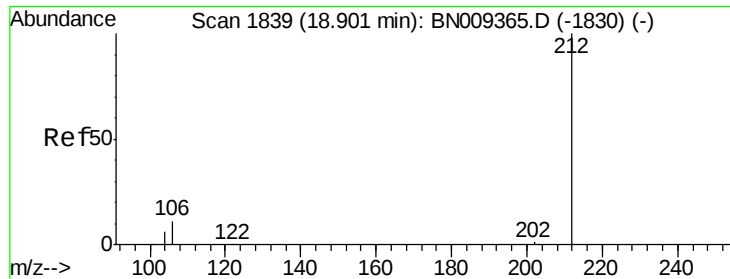


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.908 ng

RT: 18.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

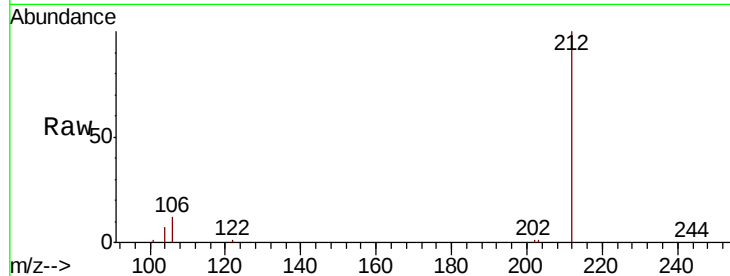
Tot Ion:212 Resp: 17008

Ion Ratio Lower Upper

212 100

106 11.7 9.2 13.8

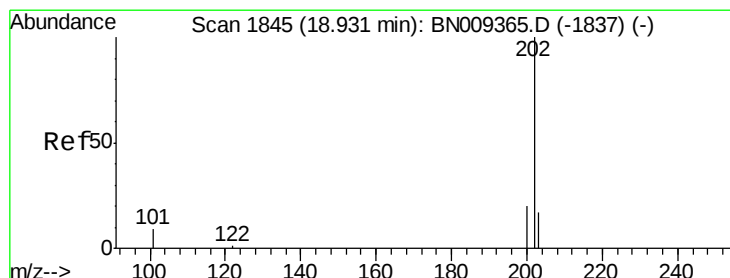
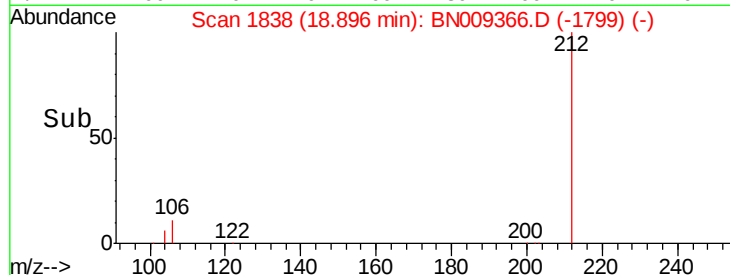
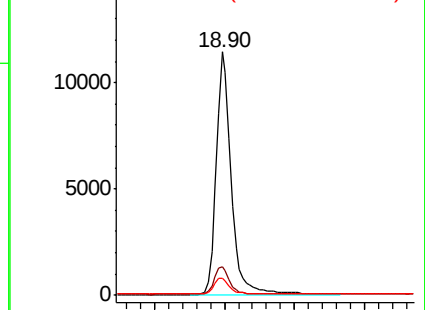
104 6.7 5.4 8.0



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: 0.762 ng

RT: 18.93 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

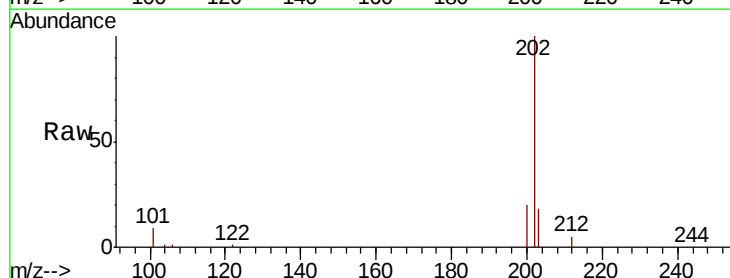
Tgt Ion:202 Resp: 17657

Ion Ratio Lower Upper

202 100

101 10.1 8.0 12.0

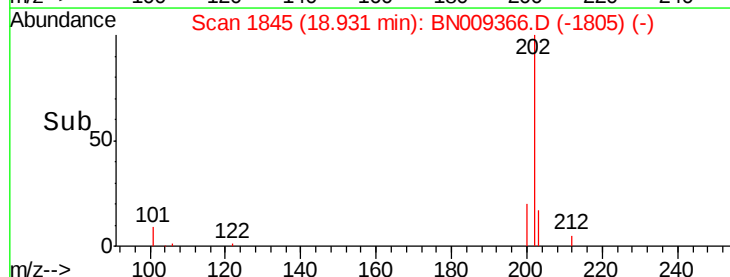
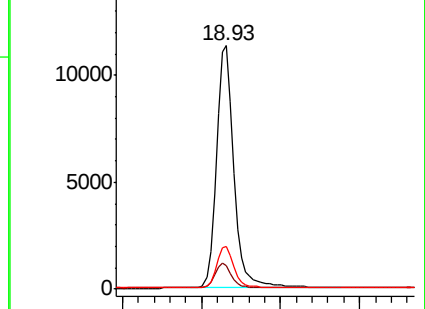
203 17.3 13.5 20.3

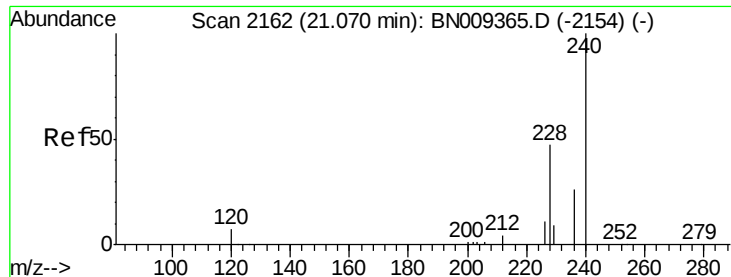


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.07 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

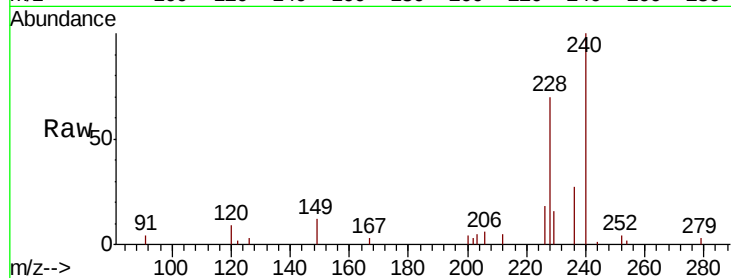
Tot Ion:240 Resp: 5705

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

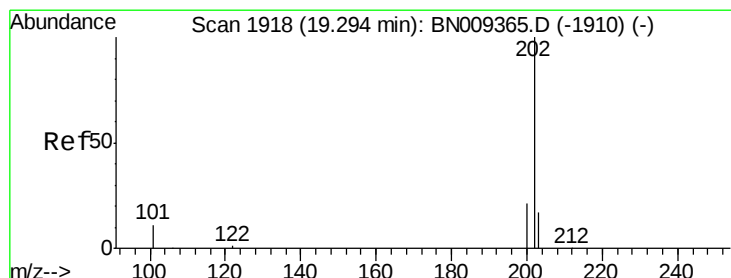
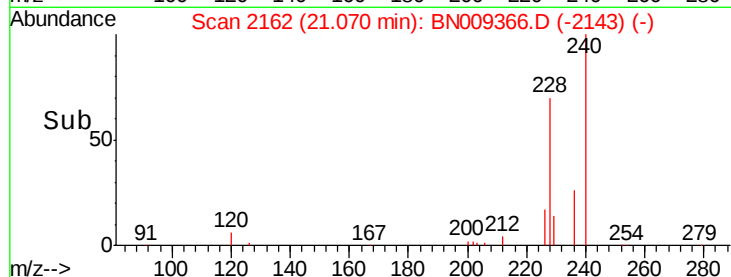
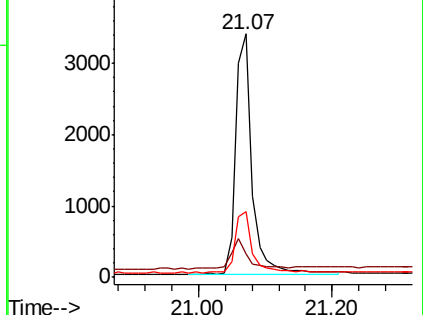
236 27.2 22.2 33.4



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: 0.876 ng

RT: 19.29 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

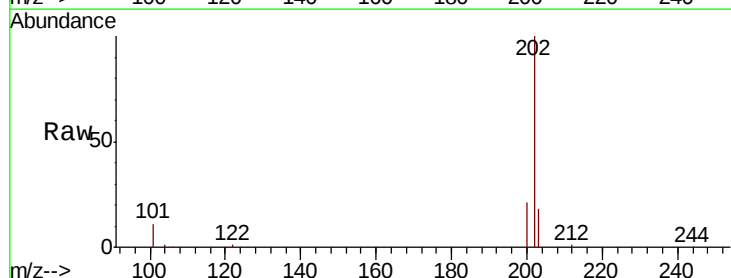
Tgt Ion:202 Resp: 17510

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

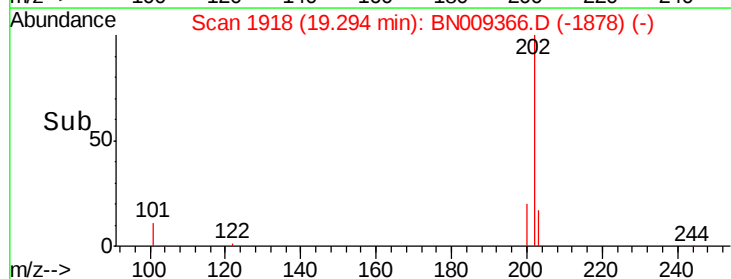
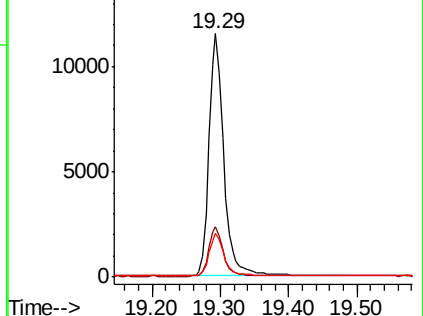
203 17.4 14.1 21.1

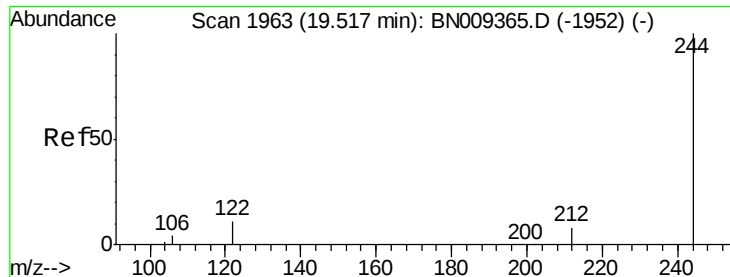


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.854 ng

RT: 19.52 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

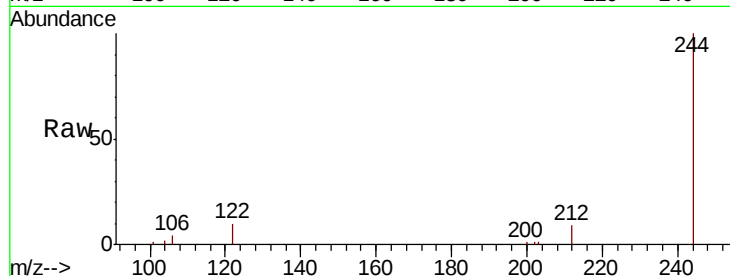
Tot Ion:244 Resp: 11116

Ion Ratio Lower Upper

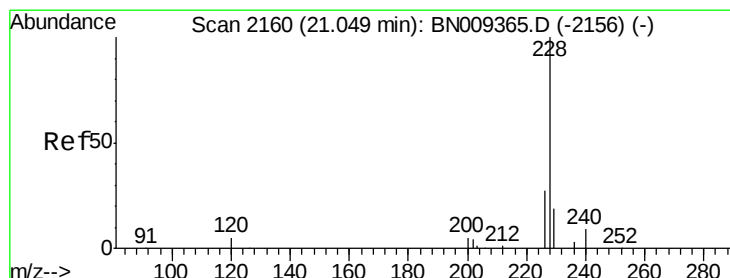
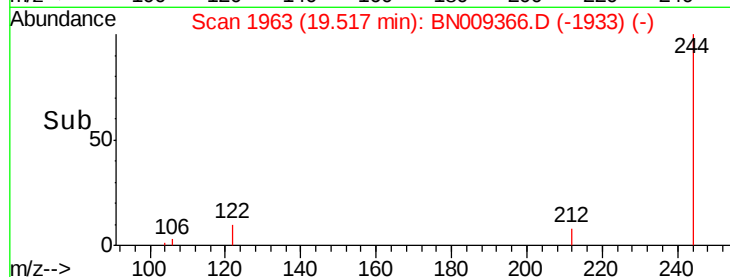
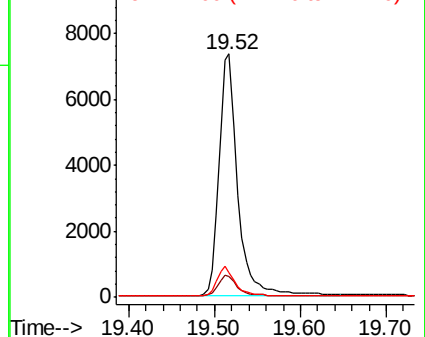
244 100

212 8.6 7.5 11.3

122 10.4 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: 0.755 ng

RT: 21.05 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

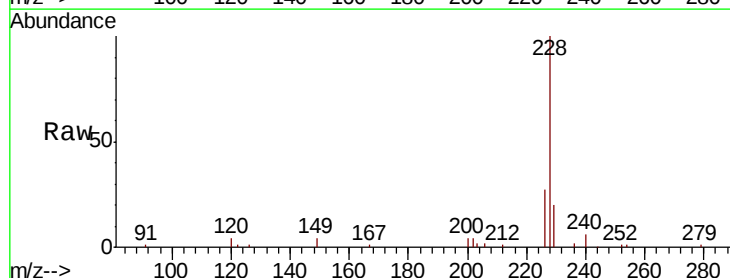
Tgt Ion:228 Resp: 15279

Ion Ratio Lower Upper

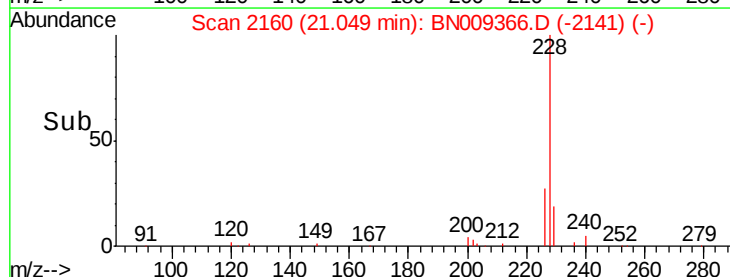
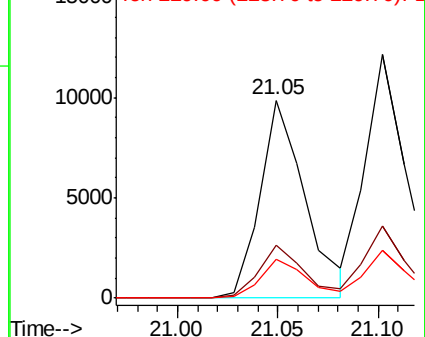
228 100

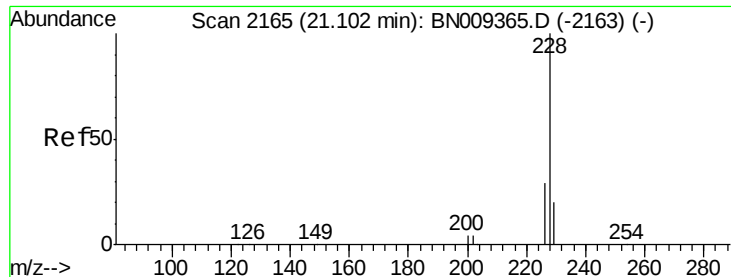
226 26.9 22.5 33.7

229 19.7 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: 0.820 ng

RT: 21.10 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.8

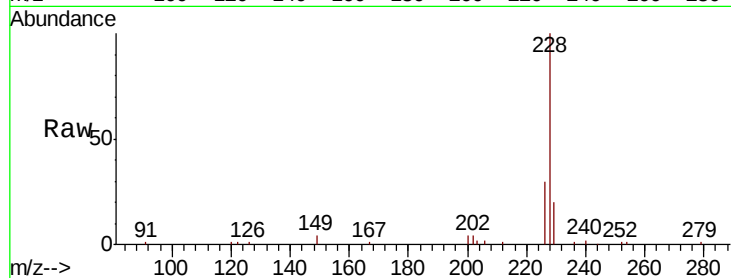
Tot Ion:228 Resp: 17186

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

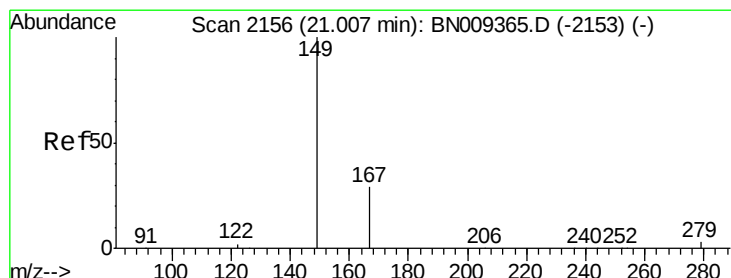
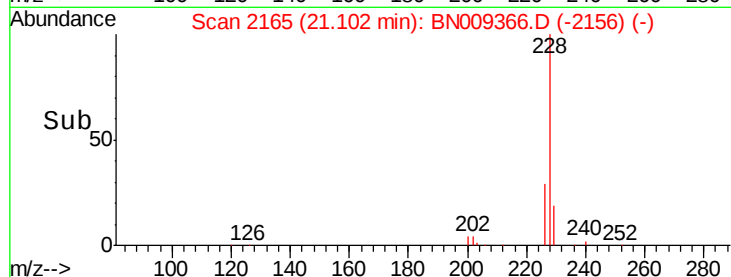
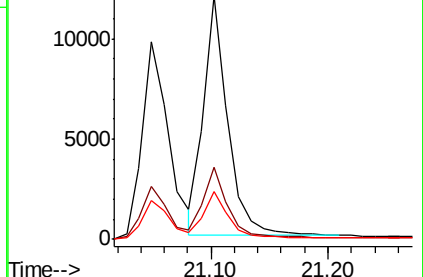
229 19.6 16.6 24.8



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: 0.683 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

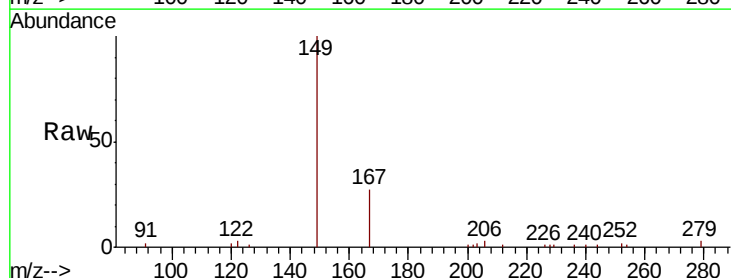
Tgt Ion:149 Resp: 6466

Ion Ratio Lower Upper

149 100

167 27.9 22.9 34.3

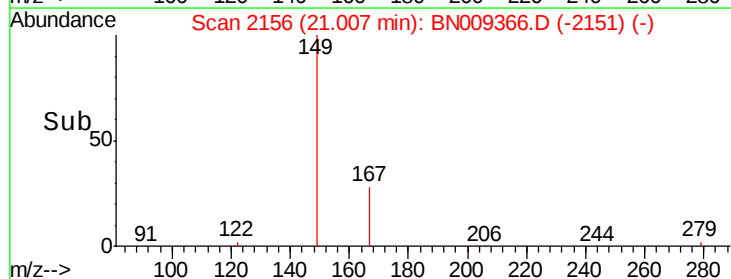
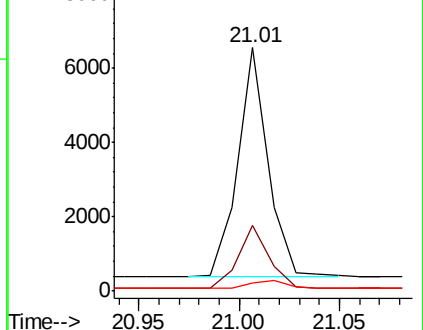
279 3.8 3.4 5.0

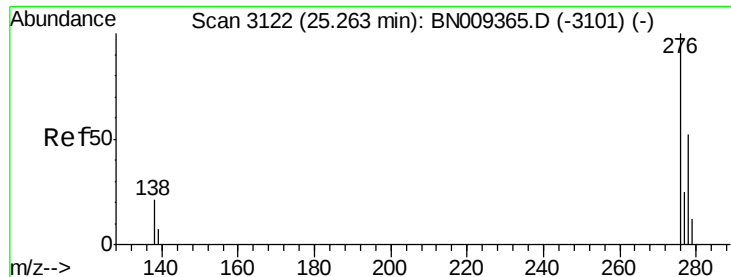


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.827 ng

RT: 25.26 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

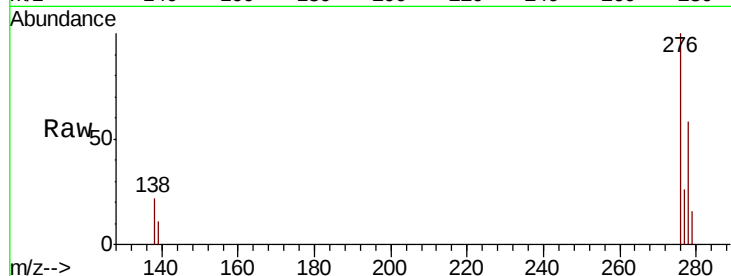
Tot Ion:276 Resp: 18351

Ion Ratio Lower Upper

276 100

138 22.4 15.9 23.9

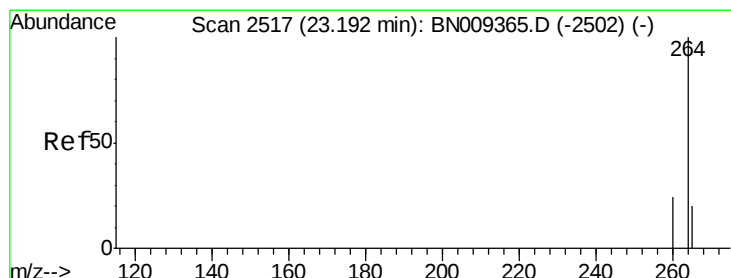
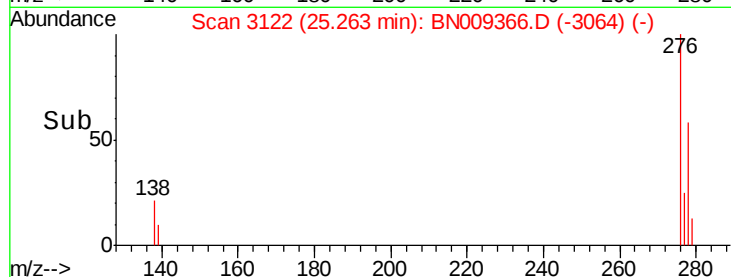
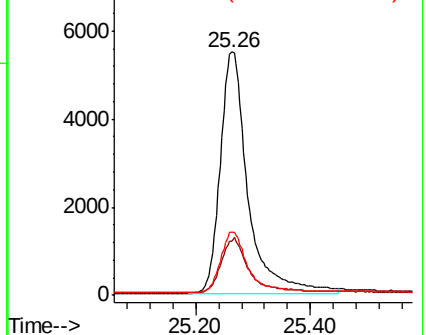
277 24.4 19.8 29.6



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: 23.19 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

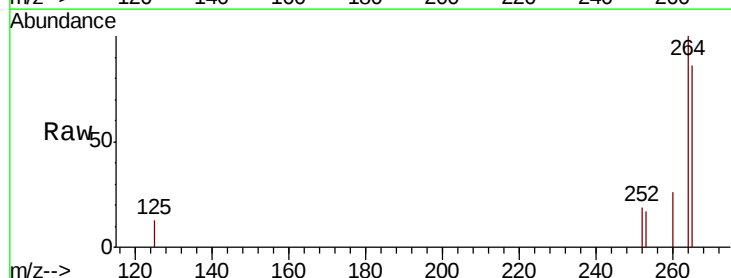
Tgt Ion:264 Resp: 5506

Ion Ratio Lower Upper

264 100

260 25.5 20.1 30.1

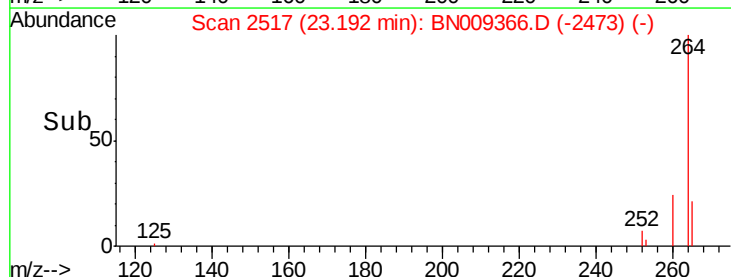
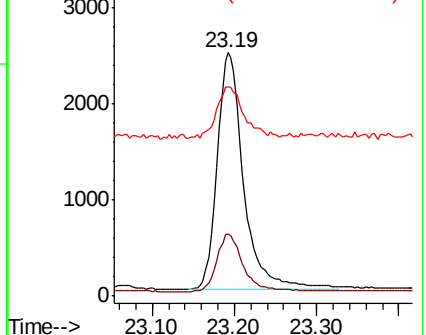
265 85.8 68.2 102.4

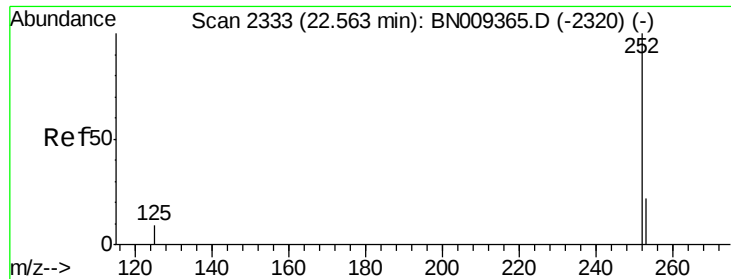


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

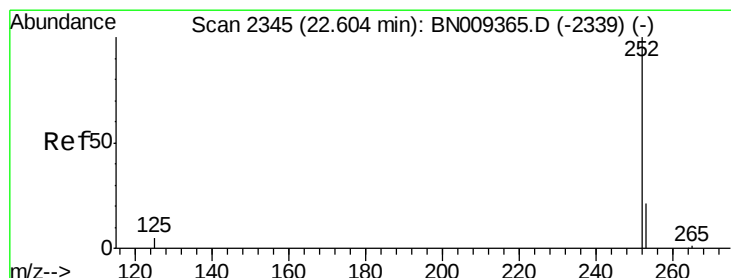
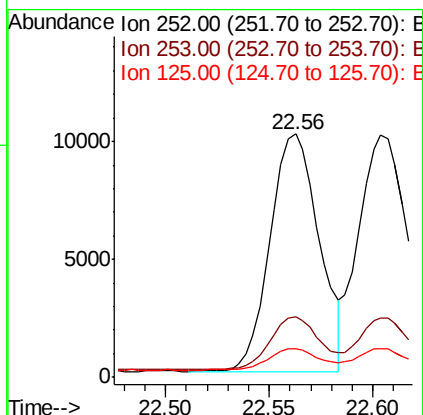
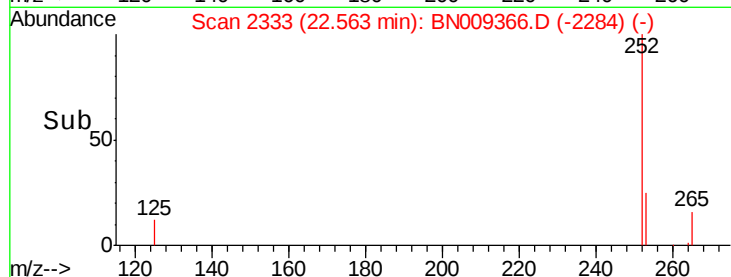
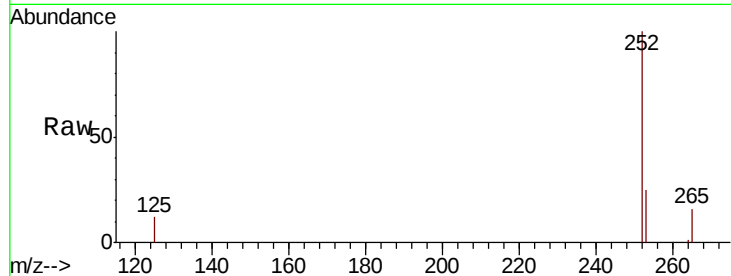




#35
Benzo(b)fluoranthene
Concen: 0.836 ng
RT: 22.56 min Scan# 2333
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

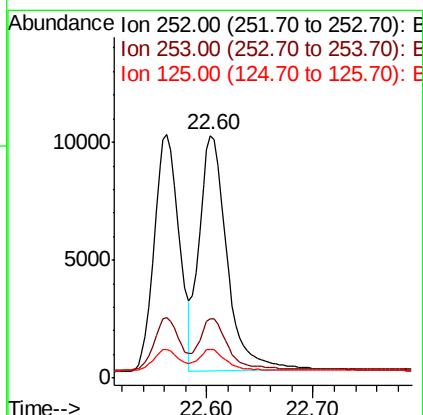
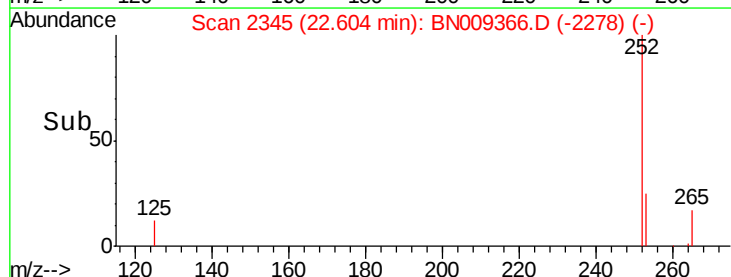
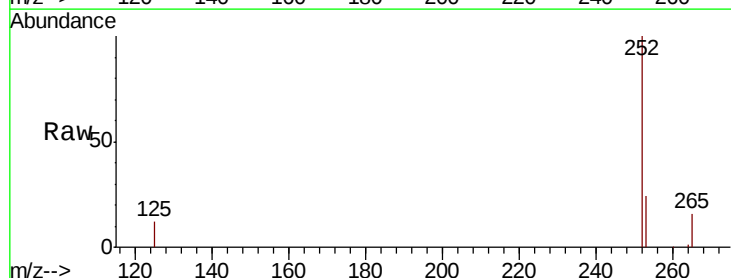
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.8

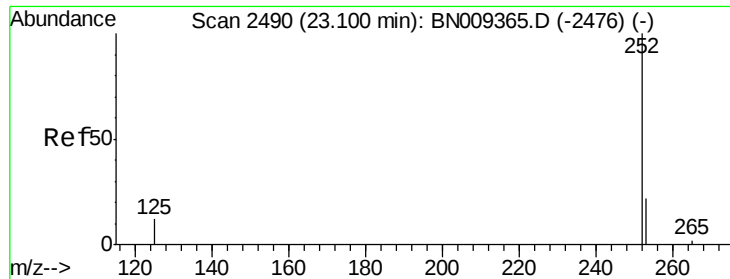
Tot Ion:252 Resp: 16482
Ion Ratio Lower Upper
252 100
253 24.8 22.4 33.6
125 11.7 11.6 17.4



#36
Benzo(k)fluoranthene
Concen: 0.915 ng
RT: 22.60 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BN009366.D
Acq: 13 Jan 2020 16:18

Tgt Ion:252 Resp: 18163
Ion Ratio Lower Upper
252 100
253 24.4 21.9 32.9
125 11.7 12.0 18.0#





#37

Benzo(a)pyrene

Concen: 0.815 ng

RT: 23.10 min Scan# 2490

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

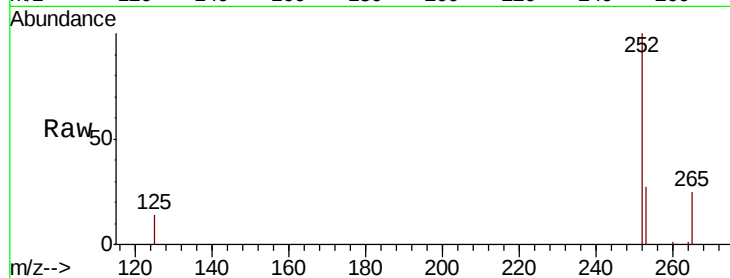
Tot Ion:252 Resp: 14420

Ion Ratio Lower Upper

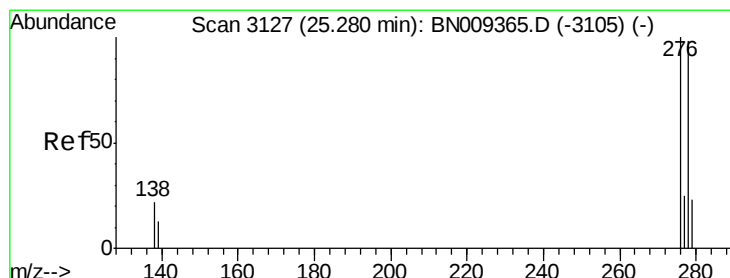
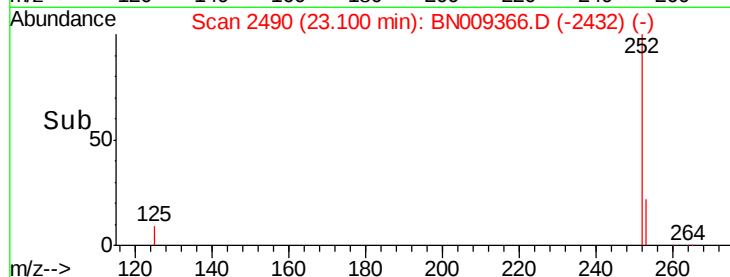
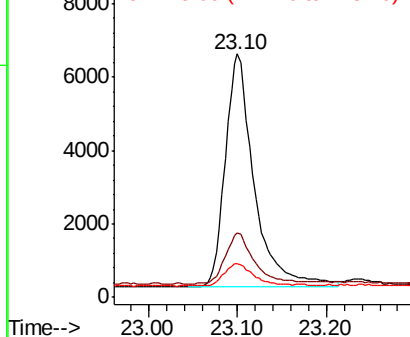
252 100

253 26.5 25.4 38.0

125 13.8 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: 0.869 ng

RT: 25.27 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

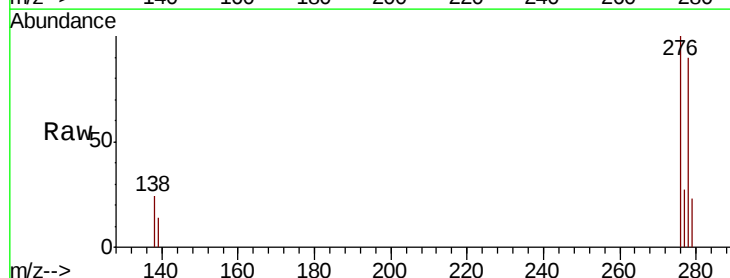
Tgt Ion:278 Resp: 14429

Ion Ratio Lower Upper

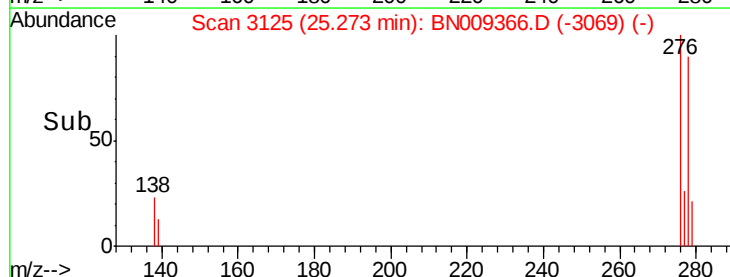
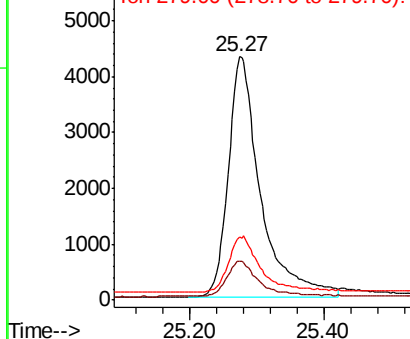
278 100

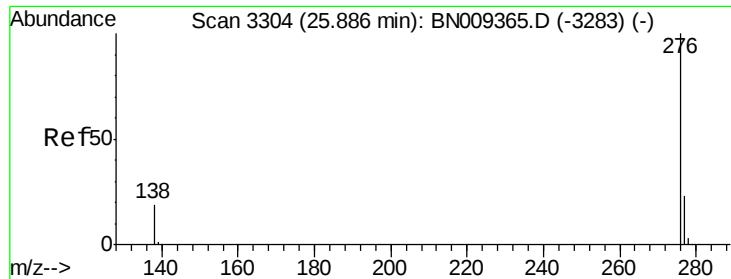
139 16.0 14.5 21.7

279 26.0 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: 0.988 ng

RT: 25.89 min Scan# 3304

Delta R.T. -0.00 min

Lab File: BN009366.D

Acq: 13 Jan 2020 16:18

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.8

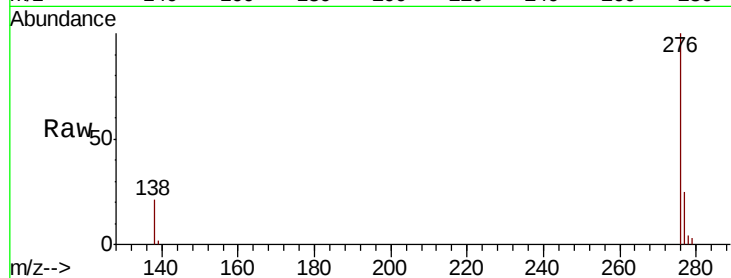
Tot Ion:276 Resp: 16186

Ion Ratio Lower Upper

276 100

277 24.7 20.6 30.8

138 20.6 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

