

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010165.D
 Acq On : 10 Mar 2020 18:17
 Operator : CG/JU
 Sample : L1842-16MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20200305MSD

Quant Time: Mar 11 03:22:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	763	0.40	ng	0.23
7) Naphthalene-d8	10.48	136	11	0.40	ng	0.30
13) Acenaphthene-d10	14.47	164	6	0.40	ng	0.41
19) Phenanthrene-d10	17.41	188	5	0.40	ng	0.60
27) Chrysene-d12	21.82	240	11	0.40	ng	0.79
34) Perylene-d12	23.98	264	4	0.40	ng	0.84

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	3	0.00	ng	0.19
5) Phenol-d6	6.93	99	49	0.02	ng	0.28
8) Nitrobenzene-d5	0.00	82	0	0.00	ng	
11) 2-Methylnaphthalene-d10	12.13	152	2	0.09	ng	0.34
14) 2,4,6-Tribromophenol	16.06	330	1	0.43	ng	0.48
15) 2-Fluorobiphenyl	13.03	172	3	0.13	ng	0.35
25) Fluoranthene-d10	19.50	212	41	2.37	ng	0.64
29) Terphenyl-d14	20.18	244	6	0.23	ng	0.70

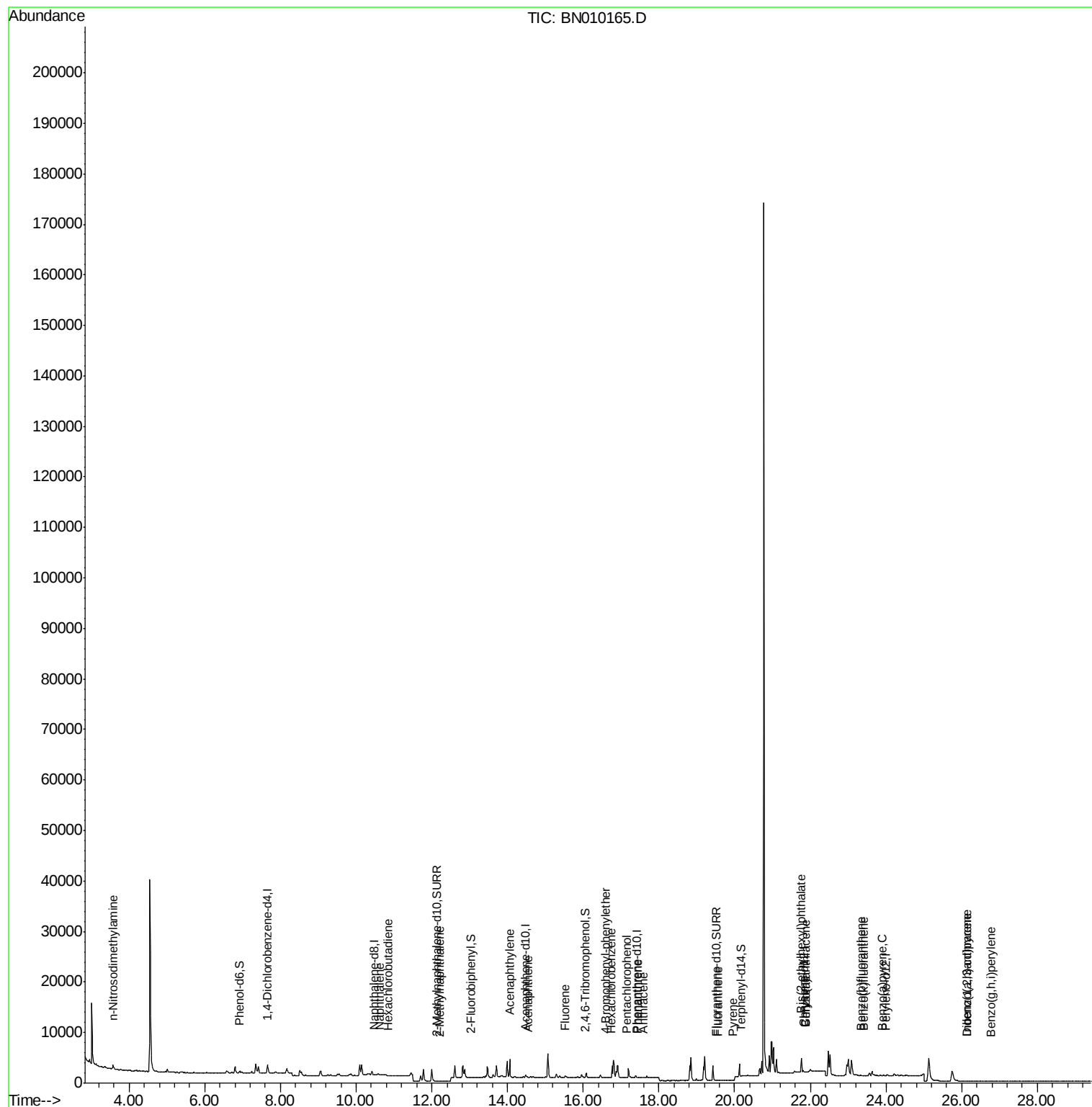
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.58	42	249	0.194	ng	# 64
9) Naphthalene	10.62	128	224	7.466	ng	# 1
10) Hexachlorobutadiene	10.84	225	1	0.152	ng	# 17
12) 2-Methylnaphthalene	12.21	142	1	0.049	ng	# 55
16) Acenaphthylene	14.06	152	1036	40.504	ng	# 1
17) Acenaphthene	14.54	154	3	0.167	ng	# 1
18) Fluorene	15.53	166	29	1.222	ng	# 72
20) 4-Bromophenyl-phenylether	16.59	248	1	0.254	ng	# 67
21) Hexachlorobenzene	16.74	284	10	3.212	ng	# 38
22) Pentachlorophenol	17.15	266	4	4.015	ng	# 79
23) Phenanthrene	17.44	178	3	0.202	ng	# 1
24) Anthracene	17.58	178	6	0.477	ng	# 1
26) Fluoranthene	19.56	202	3	0.168	ng	# 1
28) Pyrene	19.96	202	3	0.072	ng	# 68
30) Benzo(a)anthracene	21.87	228	8	0.219	ng	# 1
31) Chrysene	21.87	228	8	0.189	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.76	149	3682	206.713	ng	# 56
33) Indeno(1,2,3-cd)pyrene	26.15	276	2	0.045	ng	# 1
35) Benzo(b)fluoranthene	23.33	252	2	0.137	ng	# 1
36) Benzo(k)fluoranthene	23.41	252	7	0.440	ng	# 1
37) Benzo(a)pyrene	23.90	252	18	1.349	ng	# 1
38) Dibenzo(a,h)anthracene	26.13	278	2	0.152	ng	# 1
39) Benzo(g,h,i)perylene	26.76	276	2	0.143	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010165.D
Acq On : 10 Mar 2020 18:17
Operator : CG/JU
Sample : L1842-16MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MSD

Quant Time: Mar 11 03:22:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



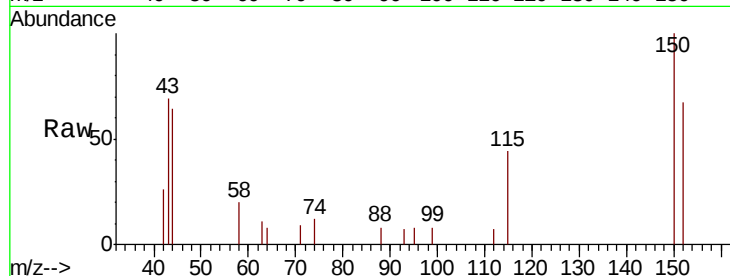


#1

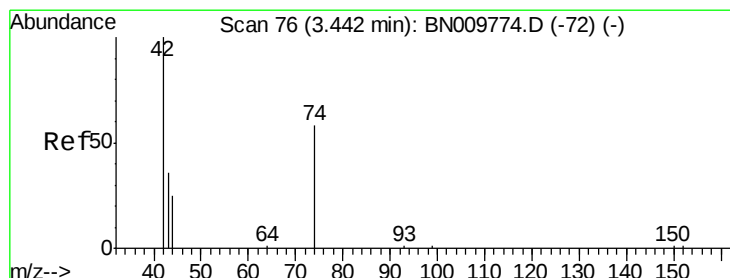
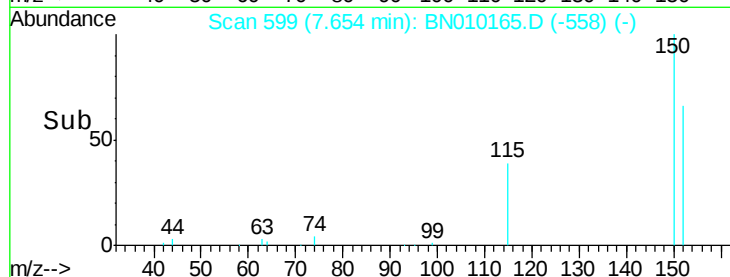
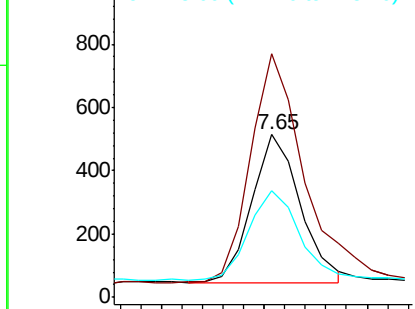
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 599
Delta R.T. 0.23 min
Lab File: BN010165.D
Acq: 10 Mar 2020 18:17

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MSD

Tot Ion:152 Resp: 763
Ion Ratio Lower Upper
152 100
150 149.9 120.6 181.0
115 65.5 51.2 76.8



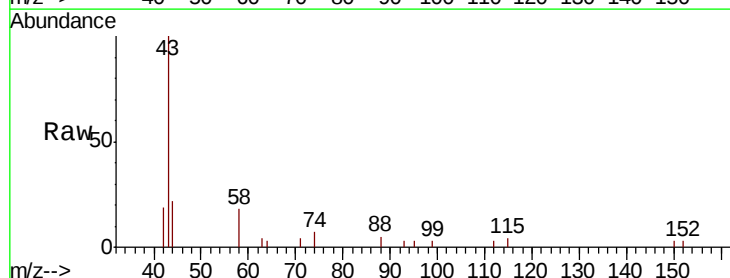
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



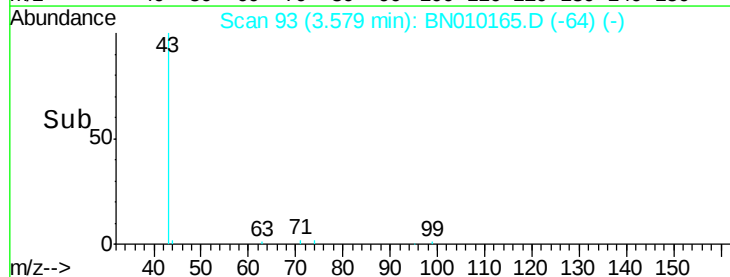
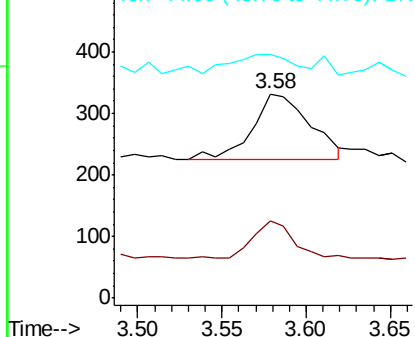
#3

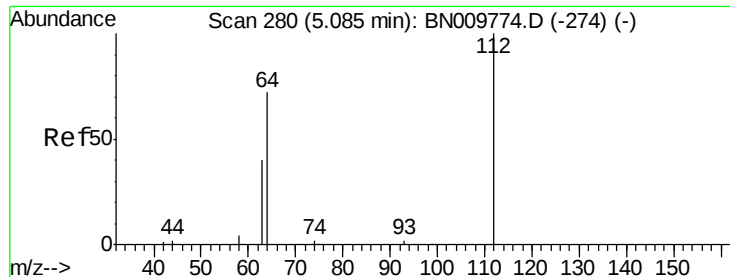
n-Nitrosodimethylamine
Concen: 0.194 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.14 min
Lab File: BN010165.D
Acq: 10 Mar 2020 18:17

Tgt Ion: 42 Resp: 249
Ion Ratio Lower Upper
42 100
74 39.8 51.2 76.8#
44 45.4 2.6 4.0#



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





#4

2-Fluorophenol

Concen: 0.002 ng

RT: 5.27 min Scan# 303

Delta R.T. 0.19 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

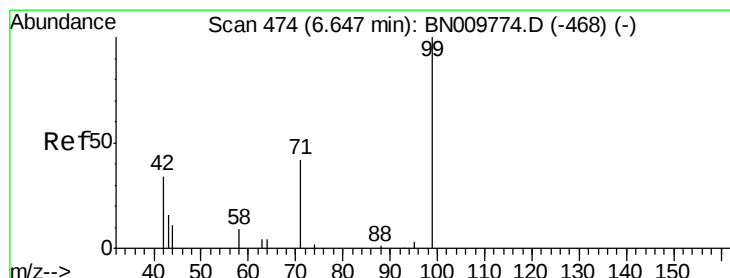
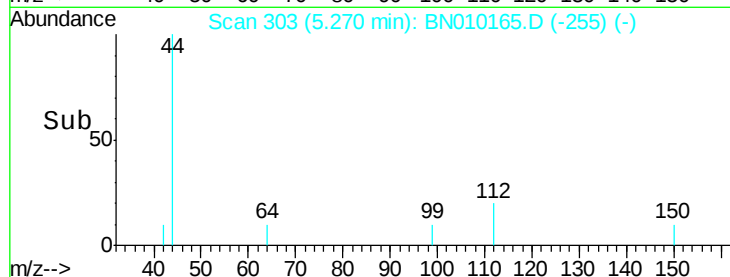
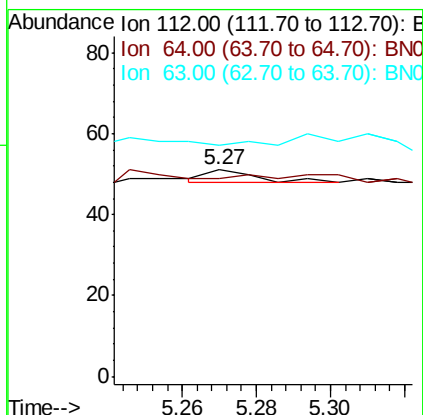
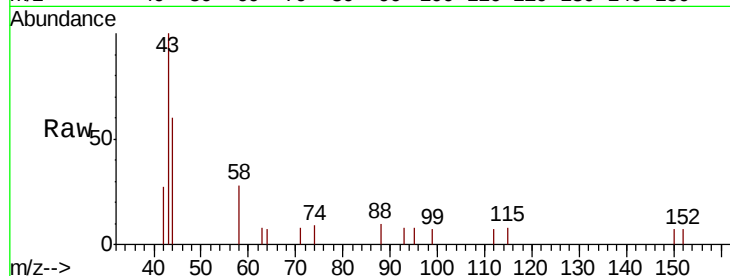
Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

Tot Ion:112	Resp:	3	
Ion Ratio	Lower	Upper	
112 100			
64 133.3	65.8	98.6#	
63 0.0	38.7	58.1#	



#5

Phenol-d6

Concen: 0.024 ng

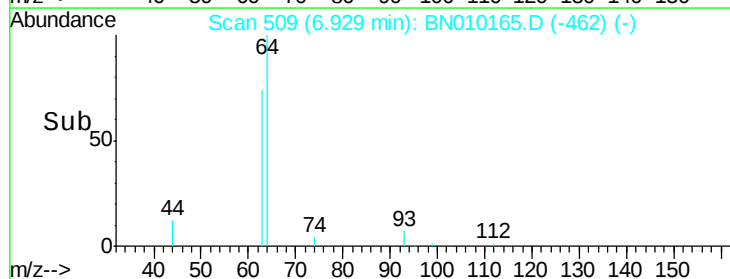
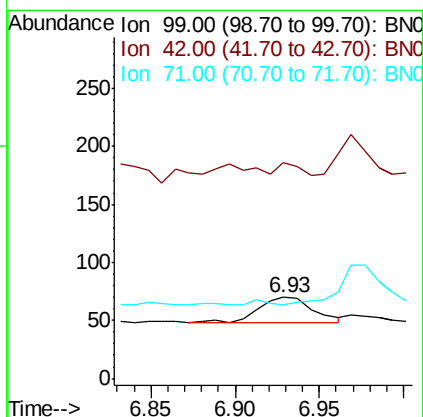
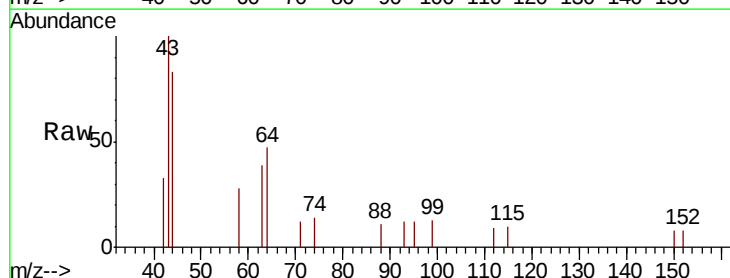
RT: 6.93 min Scan# 509

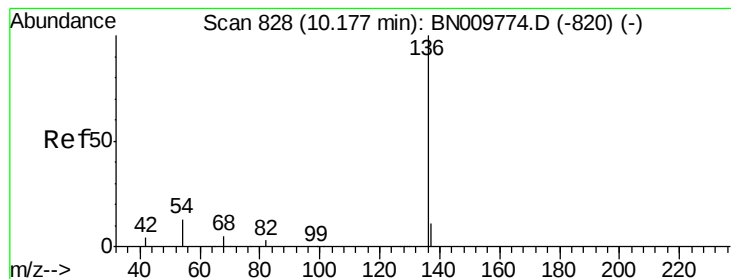
Delta R.T. 0.28 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Tgt Ion: 99	Resp: 49
Ion Ratio	Lower Upper
99 100	
42 18.4	30.8 46.2#
71 8.2	34.9 52.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 852

Delta R.T. 0.30 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

Tot Ion:136 Resp: 11

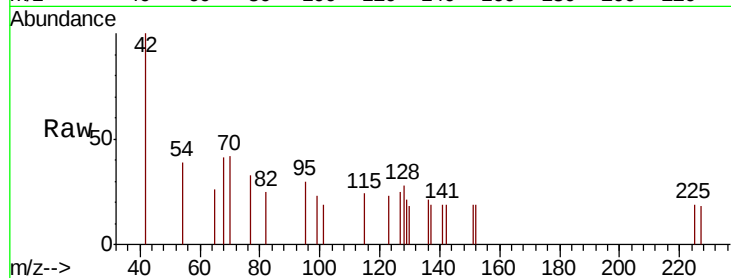
Ion Ratio Lower Upper

136 100

137 92.5 11.3 16.9#

54 190.6 13.4 20.2#

68 200.0 7.0 10.4#

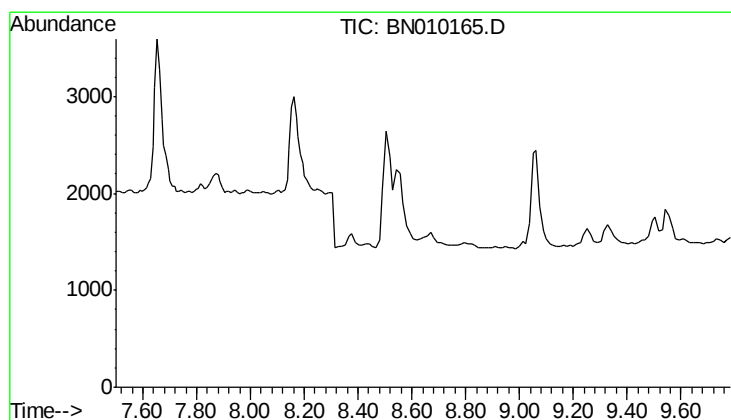
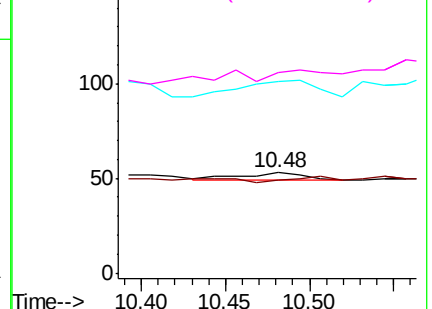
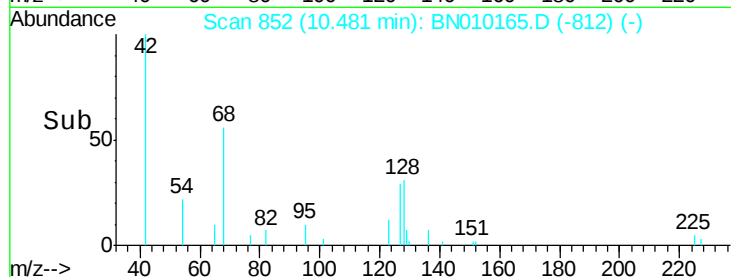


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.000 ng

Expected RT: 8.59 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

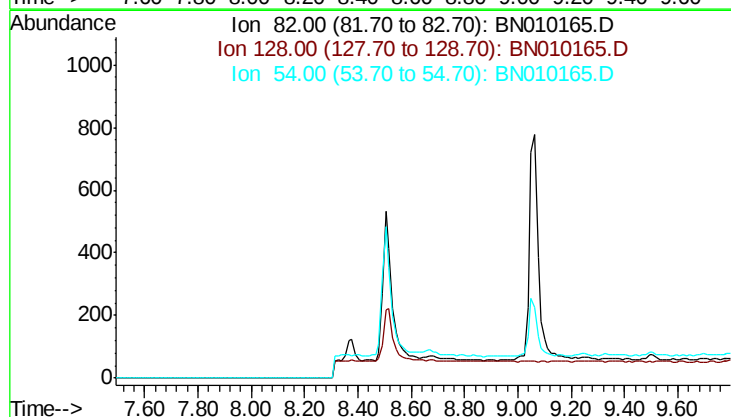
Tgt Ion: 82

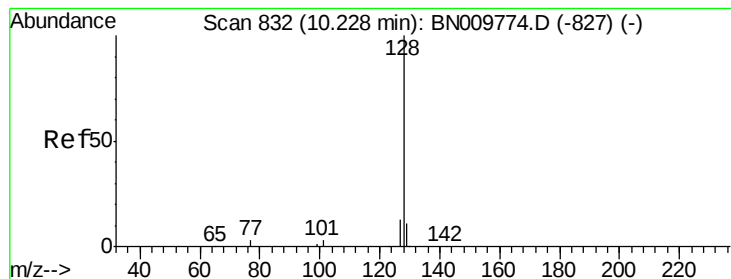
Sig Exp Ratio

82 100

128 40.6

54 91.9





#9

Naphthalene

Concen: 7.466 ng

RT: 10.62 min Scan# 863

Delta R.T. 0.39 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

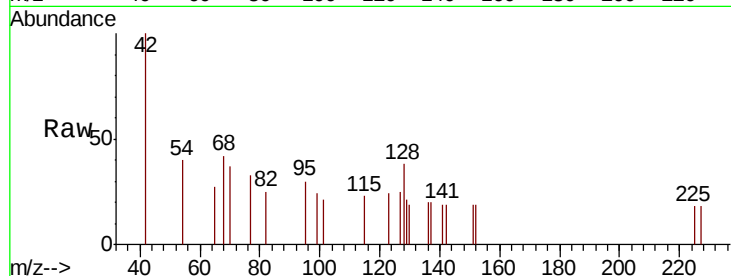
Tot Ion:128 Resp: 224

Ion Ratio Lower Upper

128 100

129 55.8 11.1 16.7#

127 66.3 12.6 19.0#



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

10.62

80

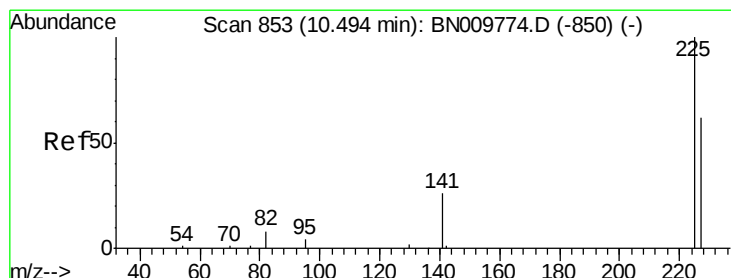
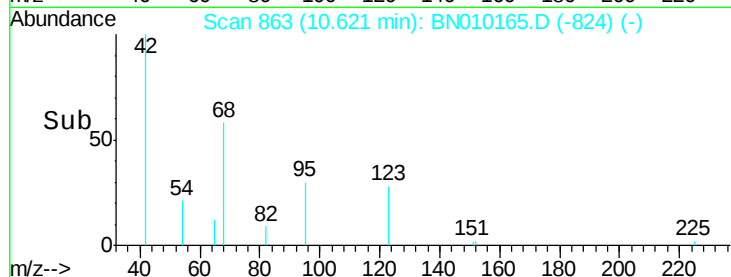
60

40

20

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.152 ng

RT: 10.84 min Scan# 880

Delta R.T. 0.34 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

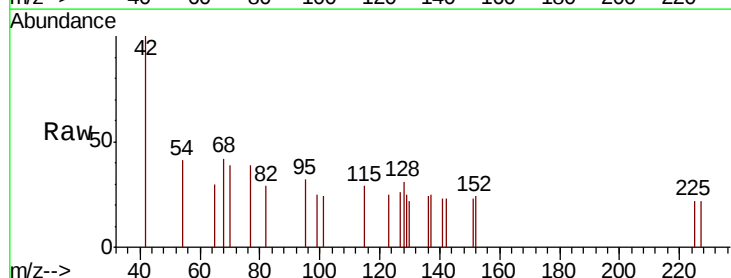
Tgt Ion:225 Resp: 1

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 0.0 53.4 80.2#



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

10.84

40

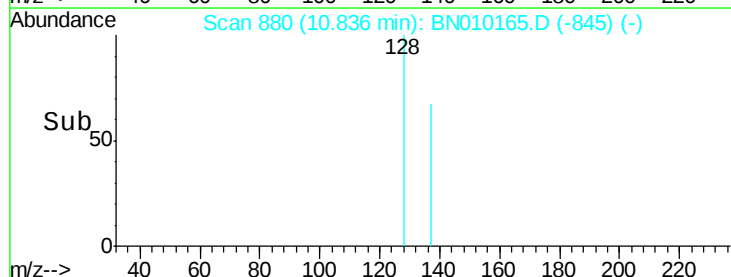
30

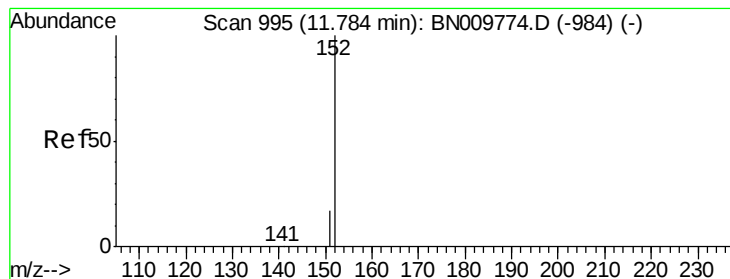
20

10

0

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.094 ng

RT: 12.13 min Scan# 1072

Delta R.T. 0.34 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Instrument :

BNA_N

ClientSampleId :

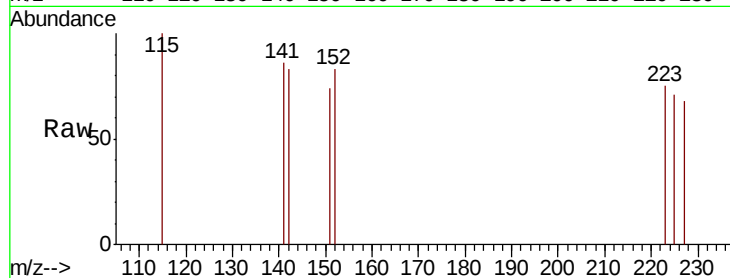
RE132D2-20200305MSD

Tot Ion:152 Resp: 2

Ion Ratio Lower Upper

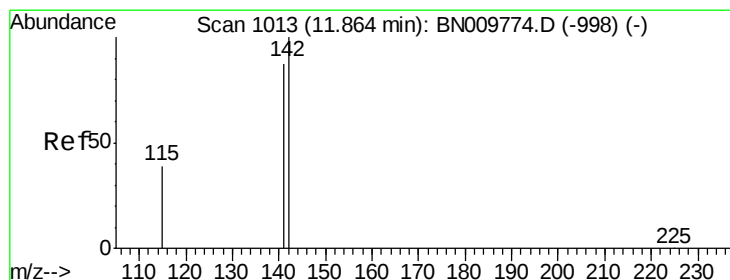
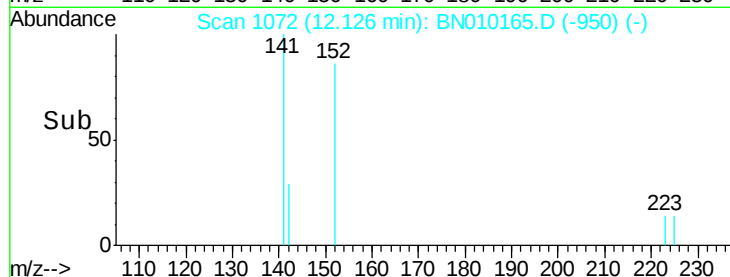
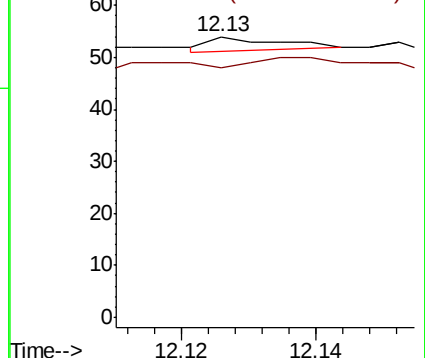
152 100

151 150.0 15.1 22.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.049 ng

RT: 12.21 min Scan# 1090

Delta R.T. 0.34 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

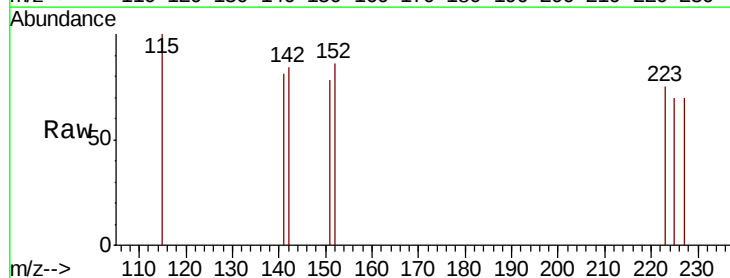
Tgt Ion:142 Resp: 1

Ion Ratio Lower Upper

142 100

141 96.3 69.8 104.6

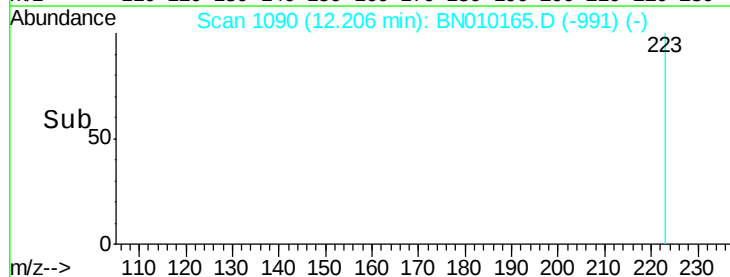
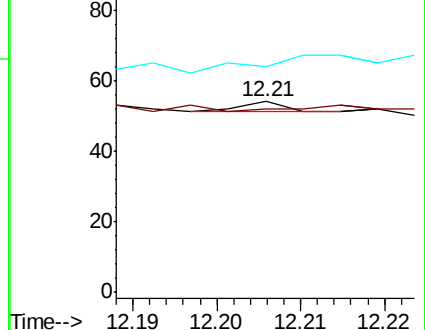
115 118.5 34.6 52.0#

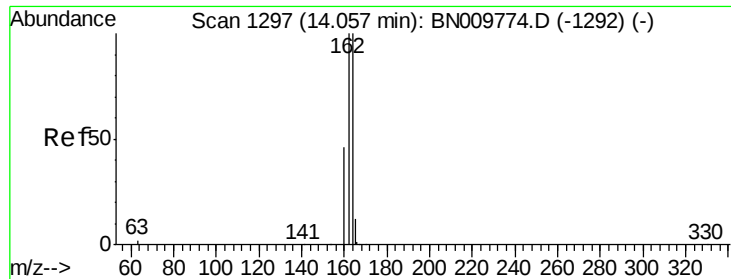


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 1334

Delta R.T. 0.41 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

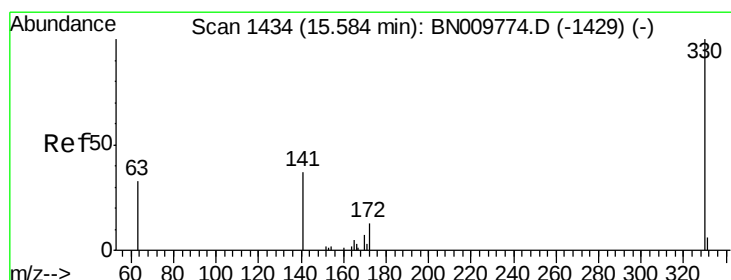
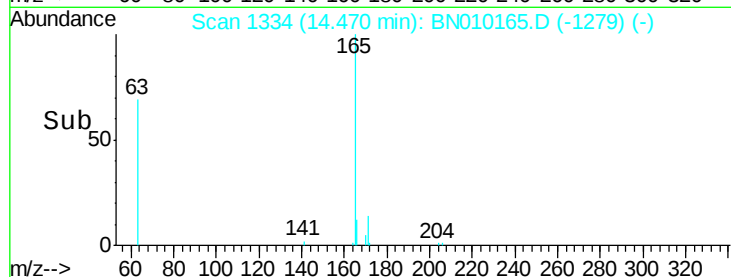
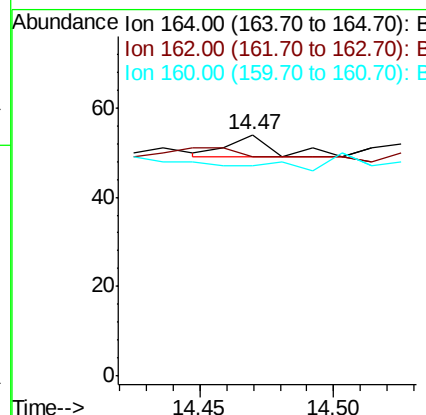
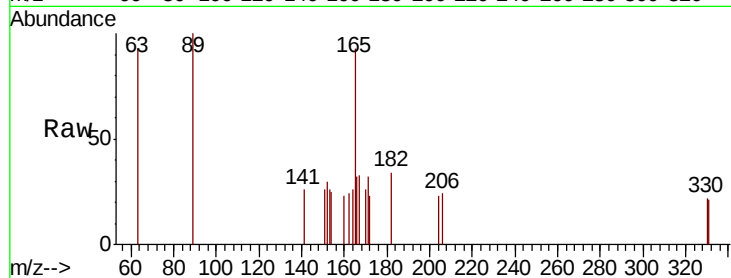
Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

Tot Ion:164	Resp: 6
Ion Ratio	Lower Upper
164 100	
162 90.7	79.9 119.9
160 87.0	38.2 57.2#



#14

2,4,6-Tribromophenol

Concen: 0.433 ng

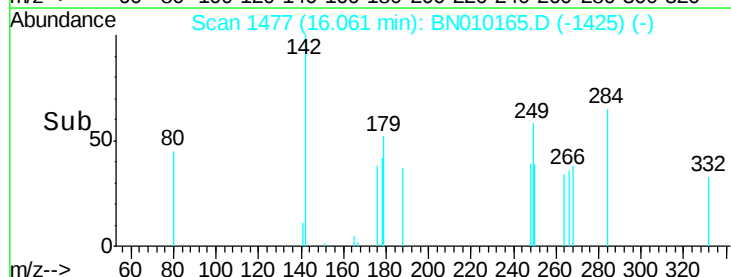
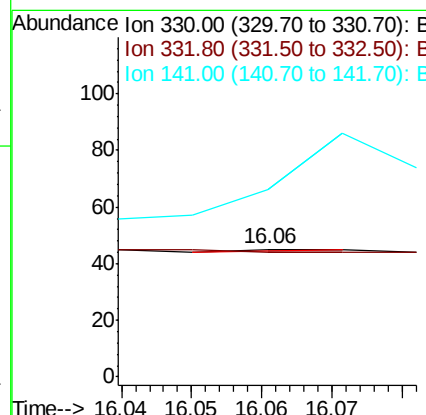
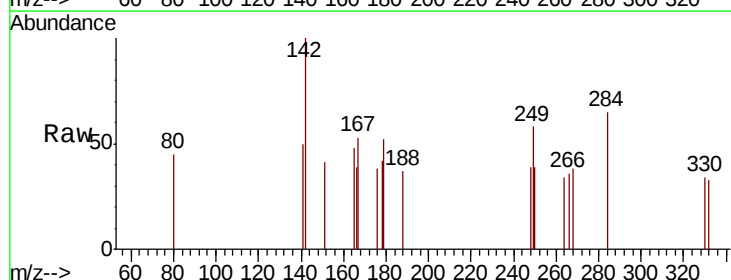
RT: 16.06 min Scan# 1477

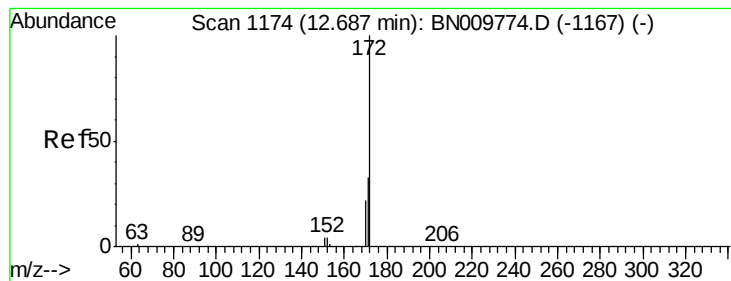
Delta R.T. 0.48 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Tgt	Ion:330	Resp:	1
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	7600.0	36.8	55.2#





#15

2-Fluorobiphenyl

Concen: 0.132 ng

RT: 13.03 min Scan# 1205

Delta R.T. 0.35 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

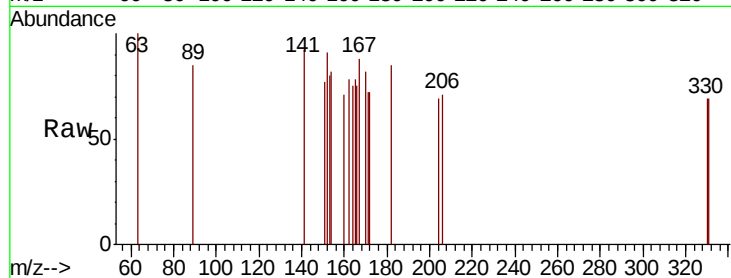
Tot Ion:172 Resp: 3

Ion Ratio Lower Upper

172 100

171 100.0 28.7 43.1#

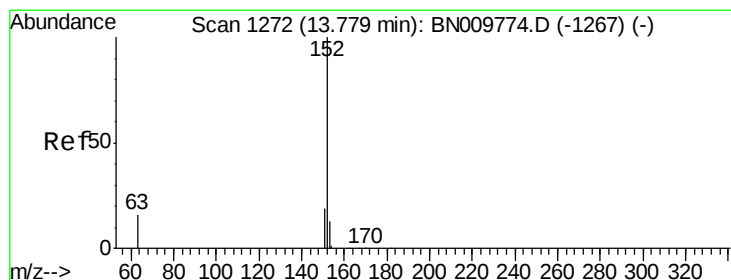
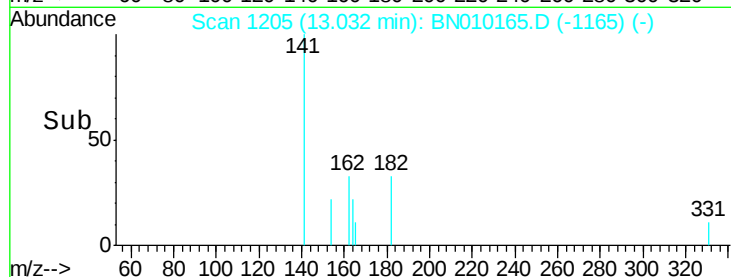
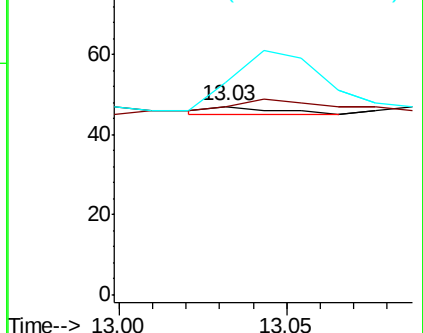
170 112.8 20.1 30.1#



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 40.504 ng

RT: 14.06 min Scan# 1297

Delta R.T. 0.28 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

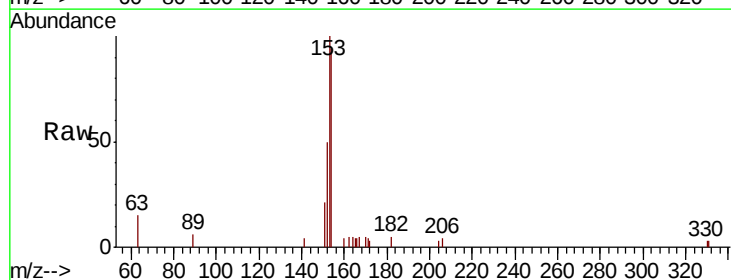
Tgt Ion:152 Resp: 1036

Ion Ratio Lower Upper

152 100

151 39.7 15.8 23.6#

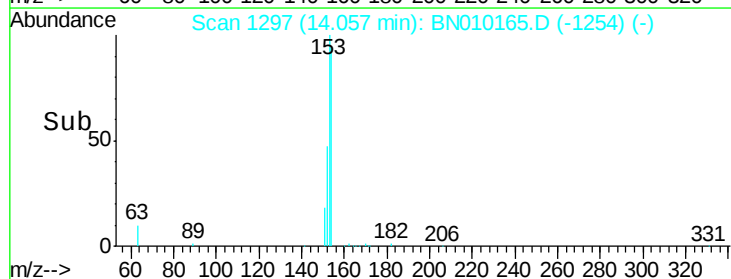
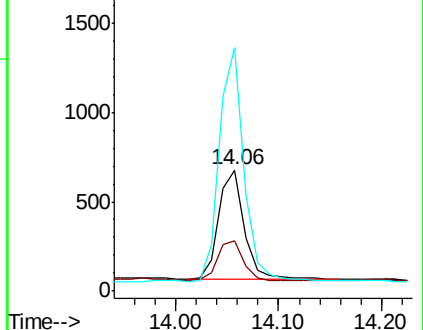
153 208.7 10.2 15.4#

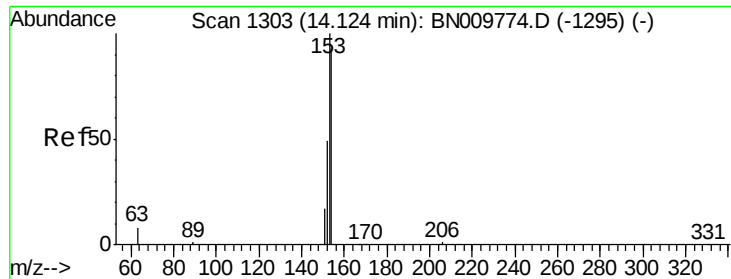


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.167 ng

RT: 14.54 min Scan# 1340

Delta R.T. 0.41 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

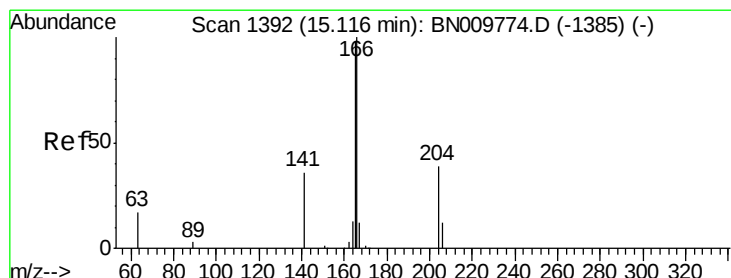
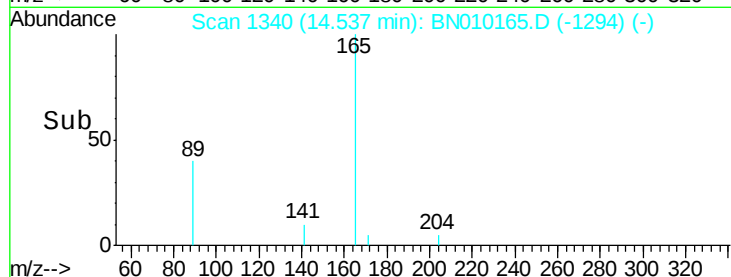
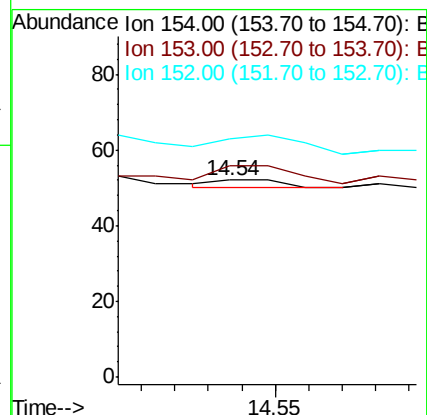
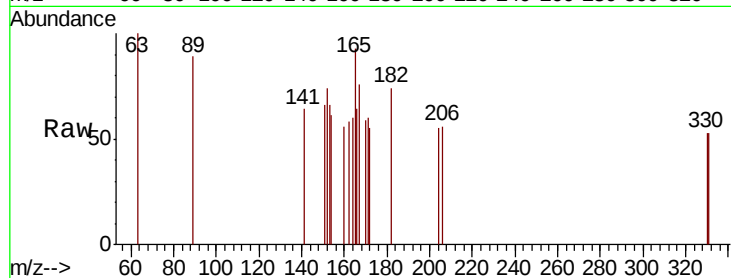
Tot Ion:154 Resp: 3

Ion Ratio Lower Upper

154 100

153 266.7 88.9 133.3#

152 166.7 44.2 66.2#



#18

Fluorene

Concen: 1.222 ng

RT: 15.53 min Scan# 1429

Delta R.T. 0.41 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

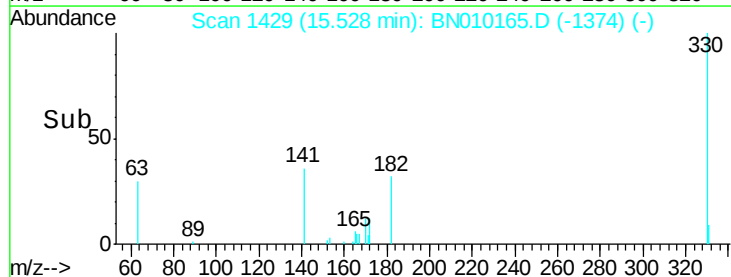
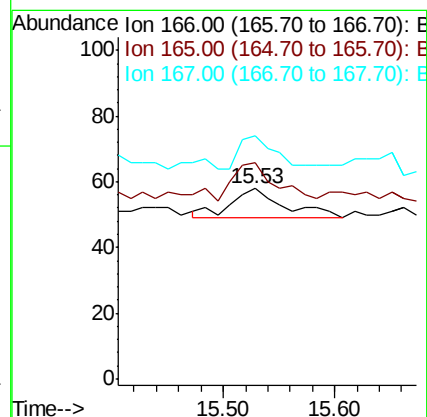
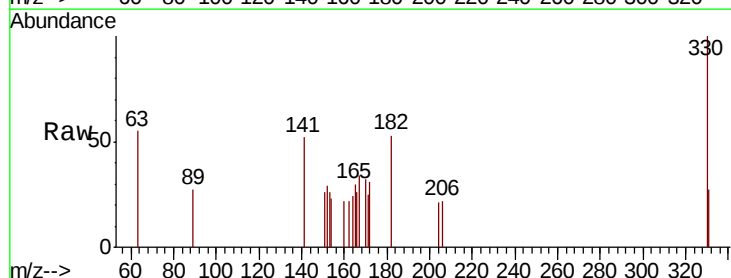
Tgt Ion:166 Resp: 29

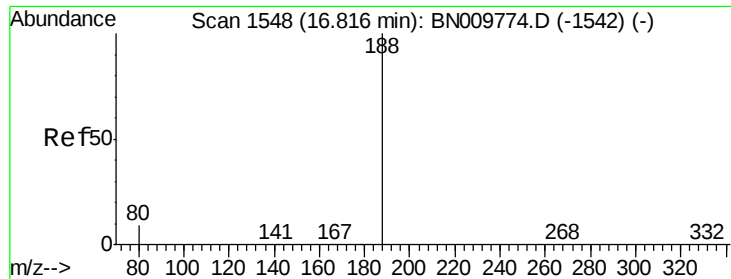
Ion Ratio Lower Upper

166 100

165 106.9 77.2 115.8

167 75.9 10.5 15.7#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.41 min Scan# 1604

Delta R.T. 0.60 min

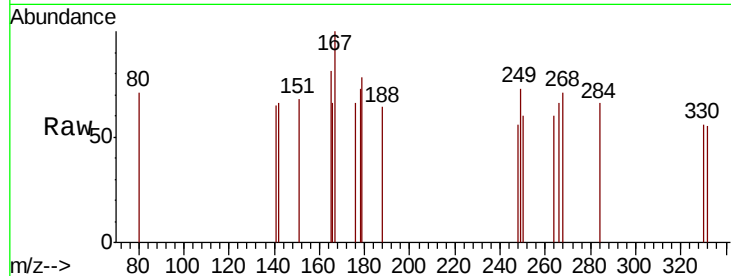
Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MSD

Tot Ion:188 Resp: 5

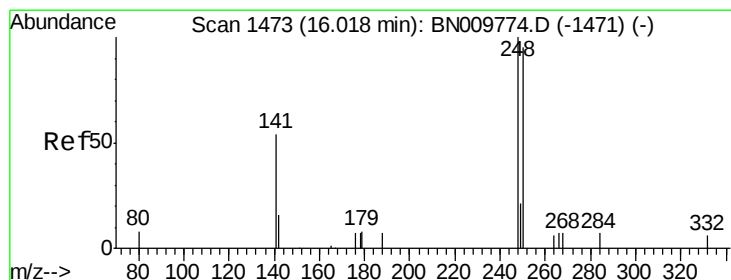
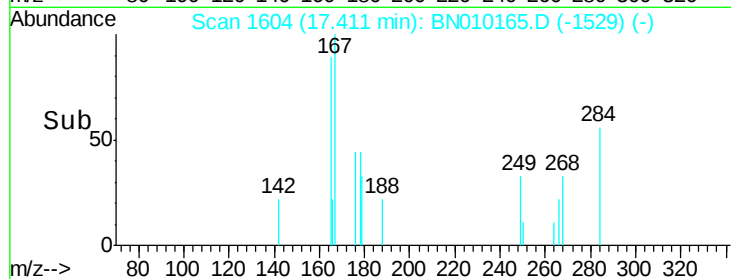
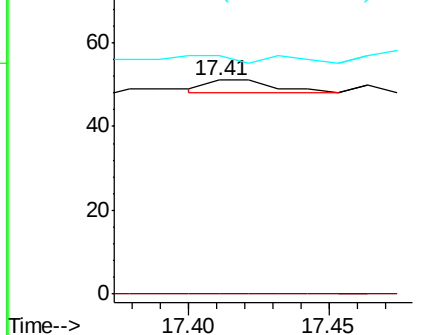
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	111.8	8.3	12.5#



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: 0.254 ng

RT: 16.59 min Scan# 1527

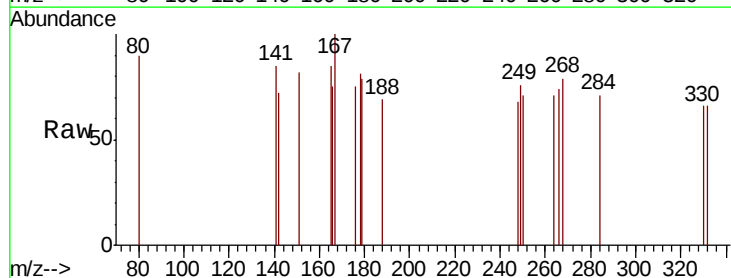
Delta R.T. 0.57 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Tgt Ion:248 Resp: 1

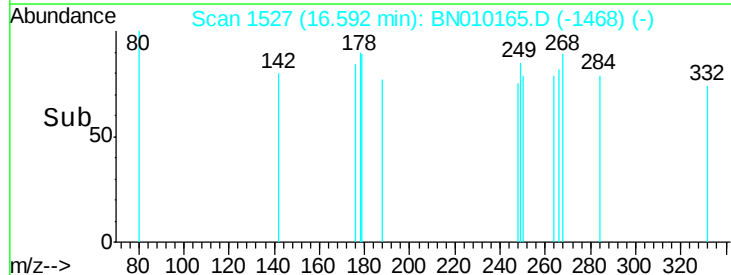
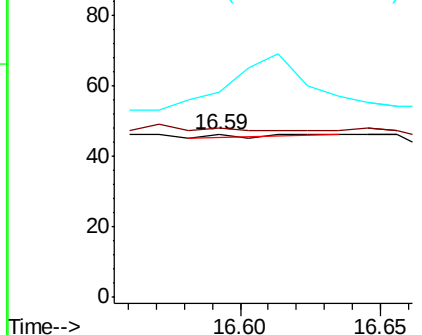
Ion	Ratio	Lower	Upper
248	100		
250	104.3	76.2	114.4
141	126.1	57.8	86.6#

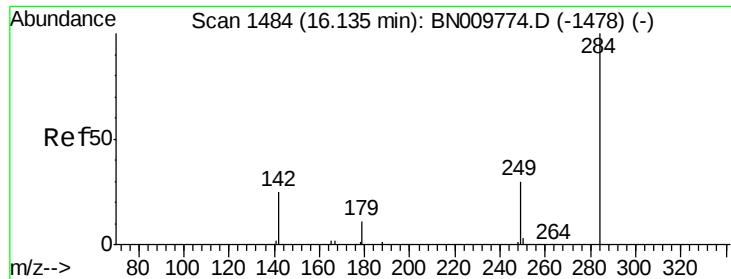


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.212 ng

RT: 16.74 min Scan# 1541

Delta R.T. 0.61 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

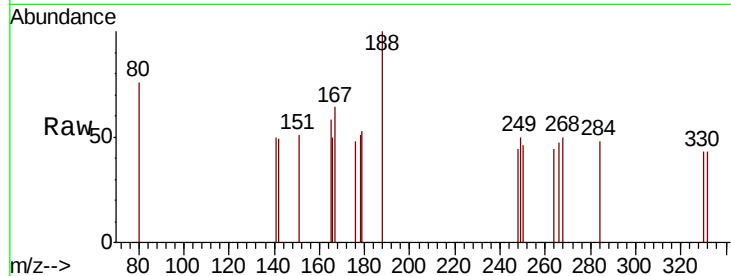
Tot Ion:284 Resp: 10

Ion Ratio Lower Upper

284 100

142 0.0 33.3 49.9#

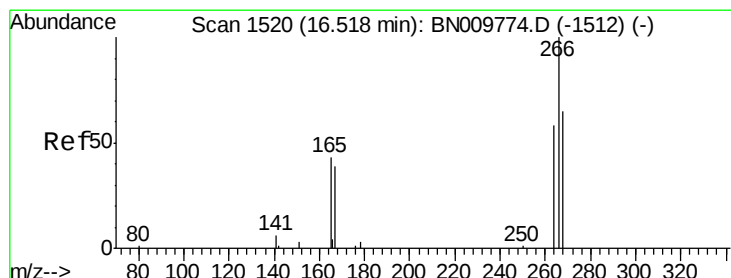
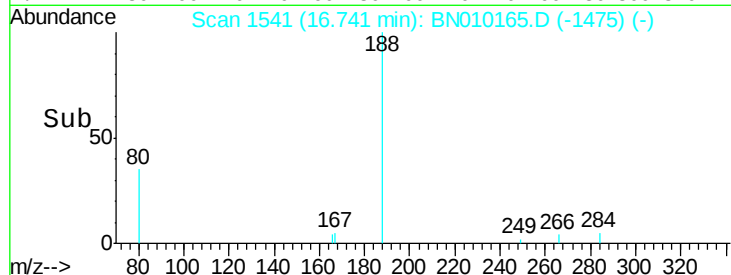
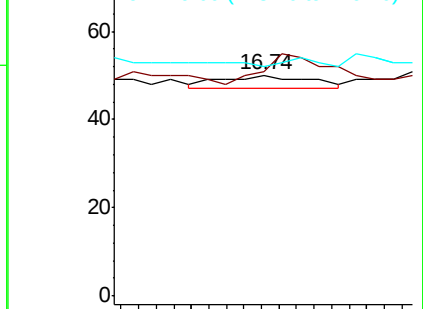
249 0.0 25.7 38.5#



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: 4.015 ng

RT: 17.15 min Scan# 1579

Delta R.T. 0.63 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

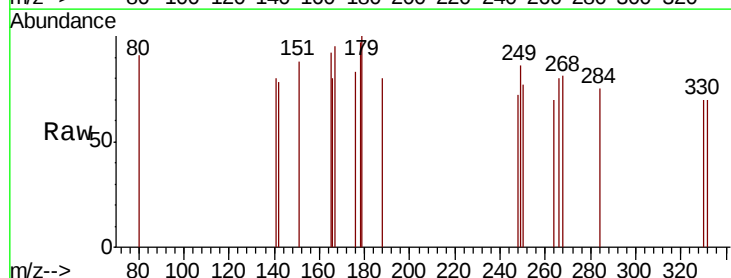
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 88.2 58.1 87.1#

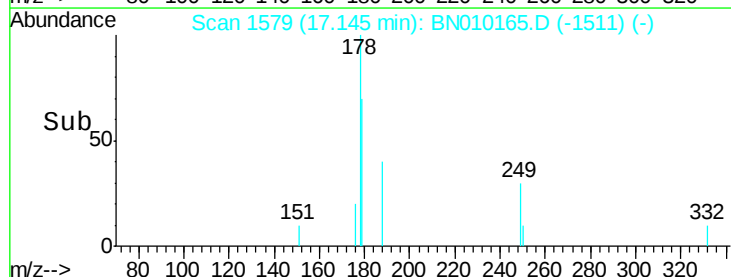
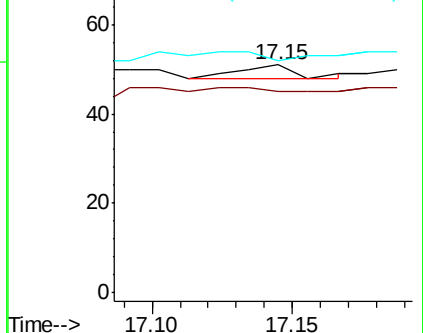
268 102.0 65.7 98.5#

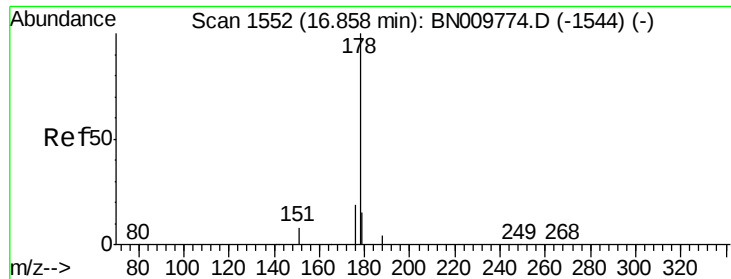


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

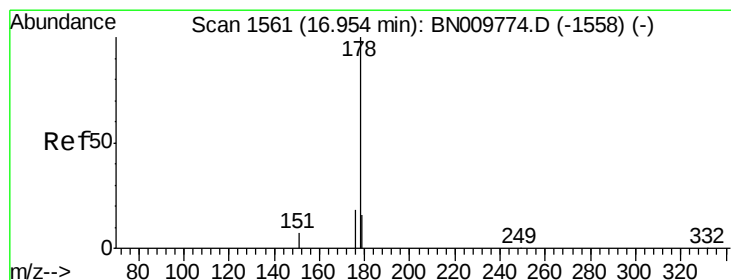
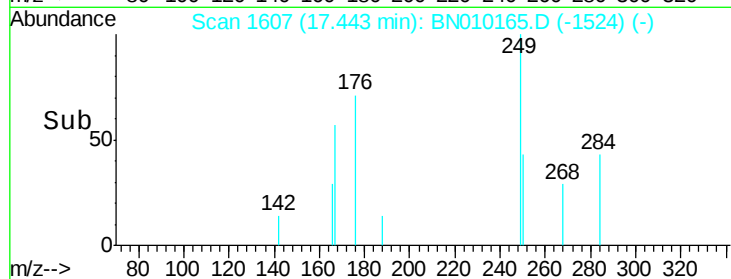
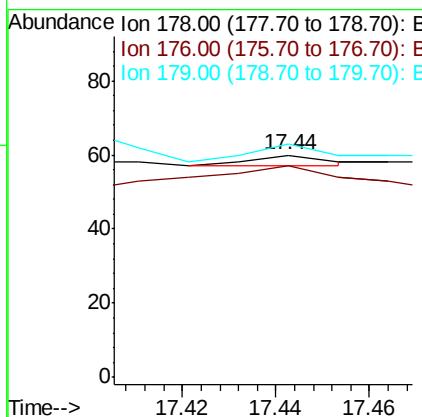
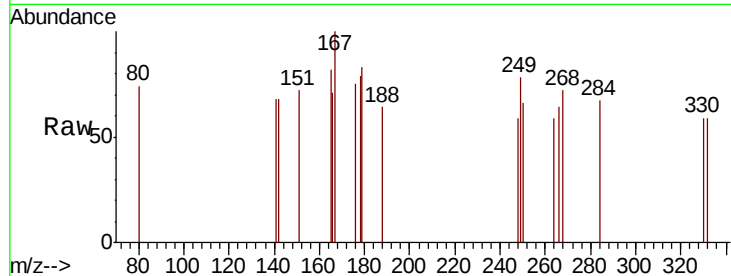




#23
Phenanthrene
Concen: 0.202 ng
RT: 17.44 min Scan# 1607
Delta R.T. 0.58 min
Lab File: BN010165.D
Acq: 10 Mar 2020 18:17

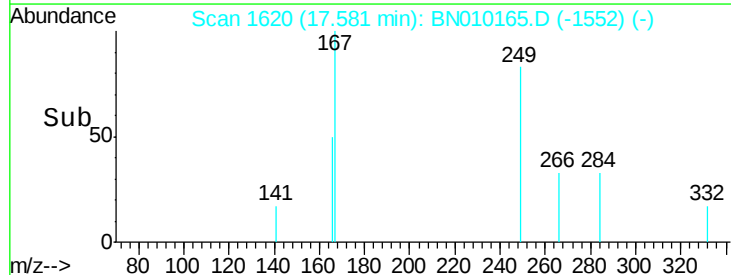
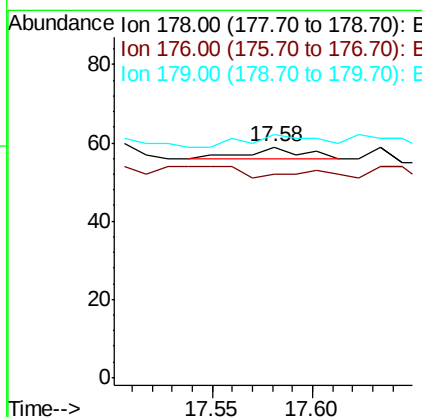
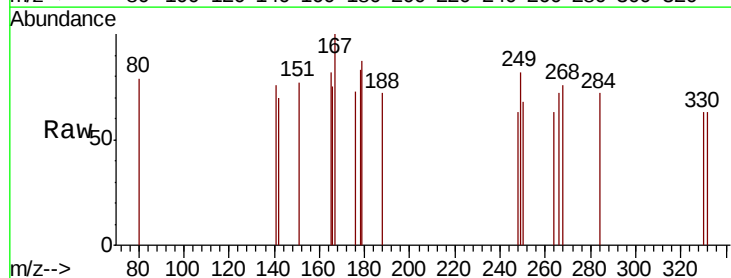
Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MSD

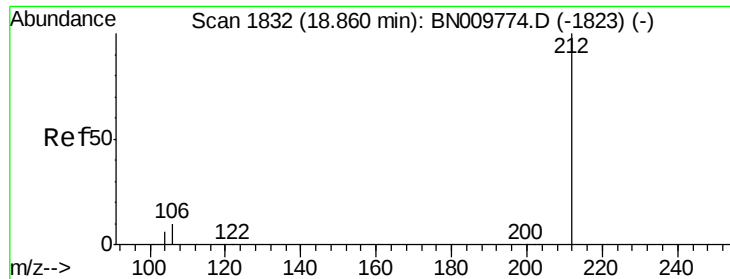
Tot Ion:178 Resp: 3
Ion Ratio Lower Upper
178 100
176 300.0 15.3 22.9#
179 233.3 12.4 18.6#



#24
Anthracene
Concen: 0.477 ng
RT: 17.58 min Scan# 1620
Delta R.T. 0.63 min
Lab File: BN010165.D
Acq: 10 Mar 2020 18:17

Tgt Ion:178 Resp: 6
Ion Ratio Lower Upper
178 100
176 0.0 14.3 21.5#
179 116.7 12.4 18.6#





#25

Fluoranthene-d10

Concen: 2.371 ng

RT: 19.50 min Scan# 1961

Delta R.T. 0.64 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

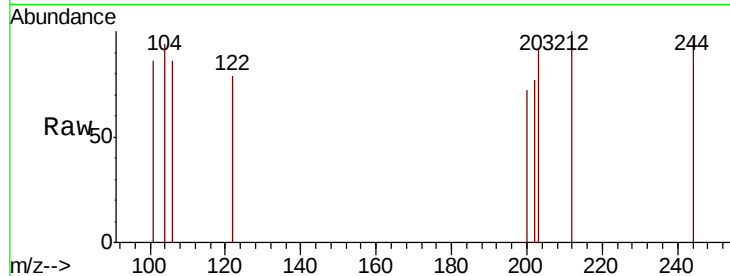
Tot Ion:212 Resp: 41

Ion Ratio Lower Upper

212 100

106 0.0 8.4 12.6#

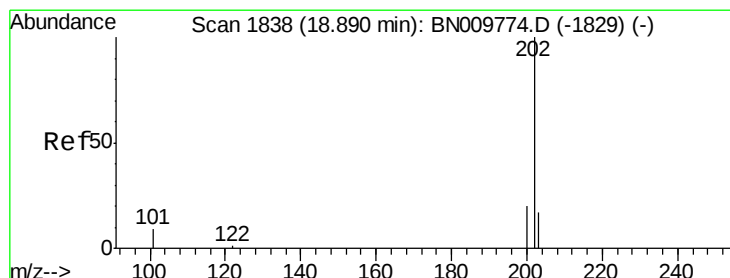
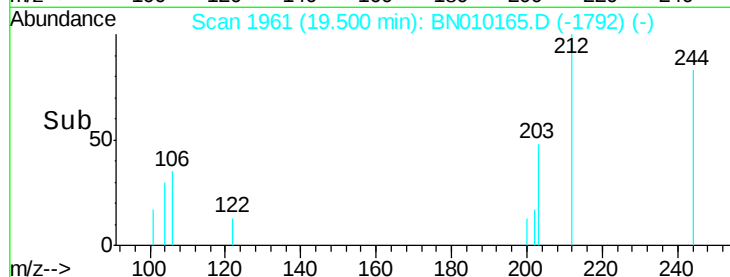
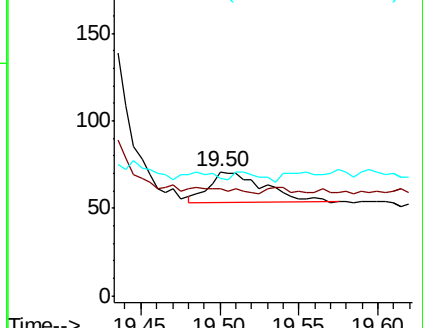
104 17.1 4.8 7.2#



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: 0.168 ng

RT: 19.56 min Scan# 1974

Delta R.T. 0.67 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

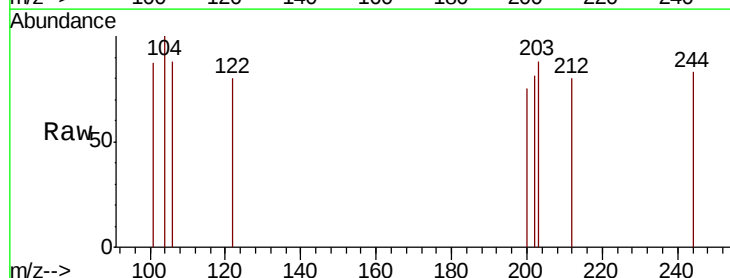
Tgt Ion:202 Resp: 3

Ion Ratio Lower Upper

202 100

101 133.3 7.1 10.7#

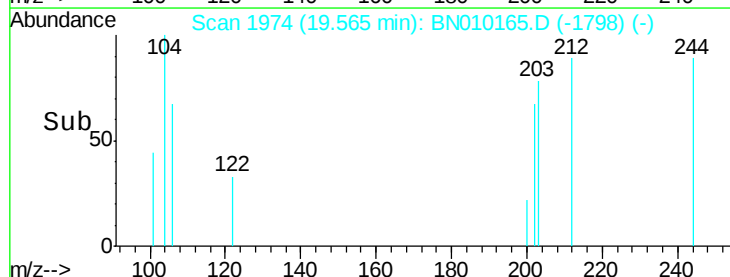
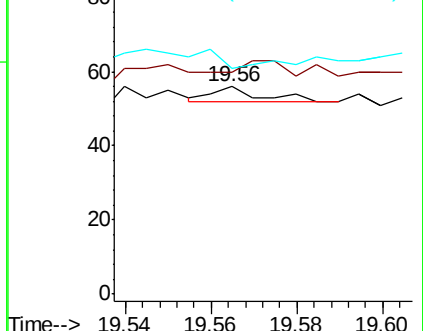
203 0.0 13.8 20.6#

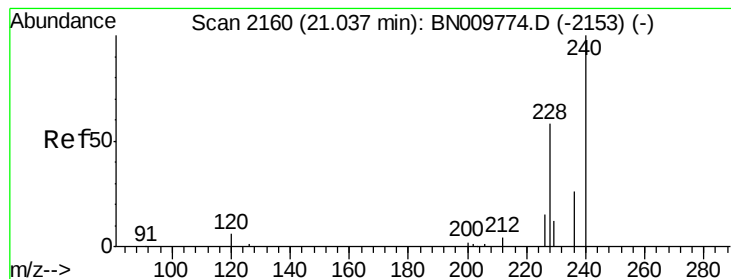


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.82 min Scan# 2234

Delta R.T. 0.79 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

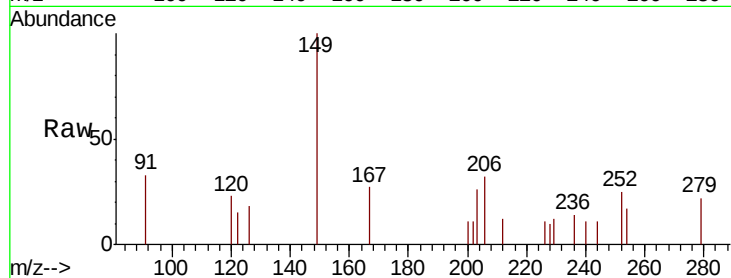
Tot Ion:240 Resp: 11

Ion Ratio Lower Upper

240 100

120 210.2 7.9 11.9#

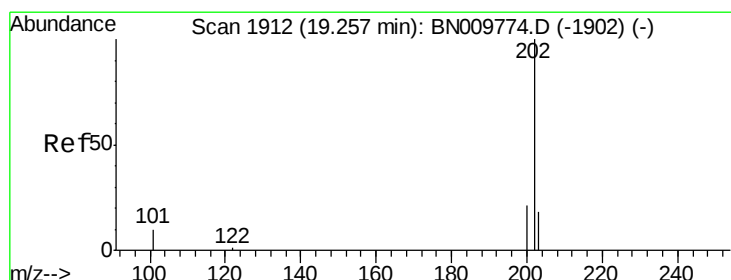
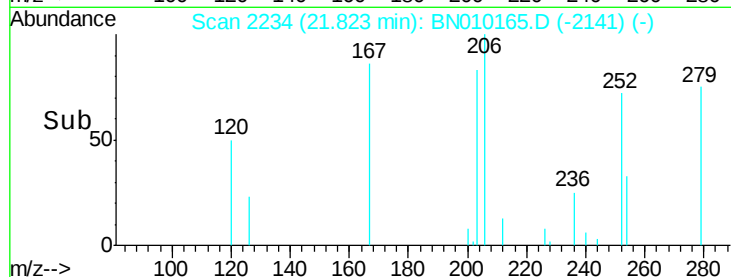
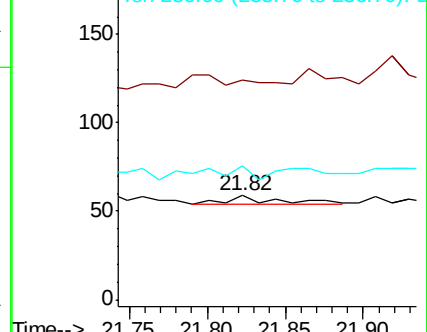
236 128.8 22.0 33.0#



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: 0.072 ng

RT: 19.96 min Scan# 2053

Delta R.T. 0.70 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

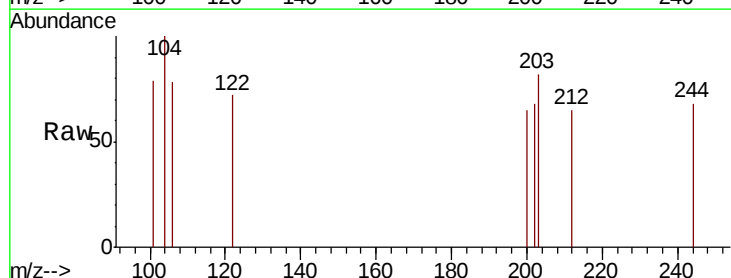
Tgt Ion:202 Resp: 3

Ion Ratio Lower Upper

202 100

200 33.3 16.4 24.6#

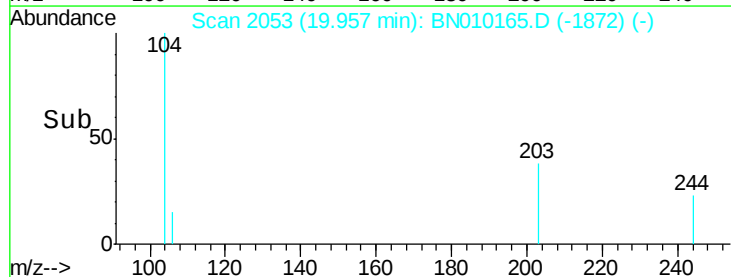
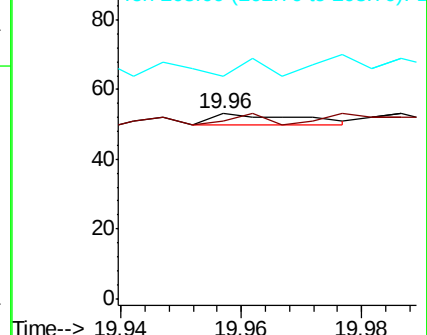
203 33.3 13.9 20.9#

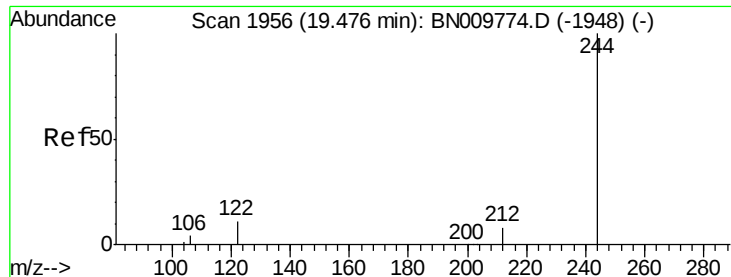


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.228 ng

RT: 20.18 min Scan# 2079

Delta R.T. 0.70 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

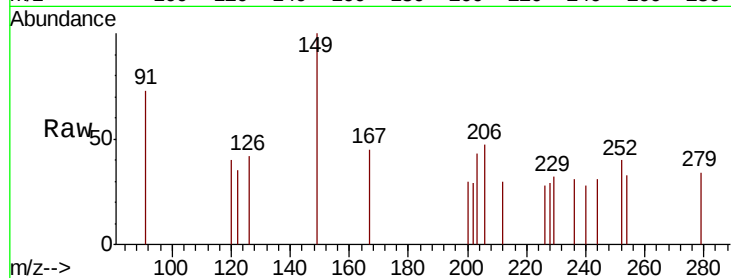
Tot Ion:244 Resp: 6

Ion Ratio Lower Upper

244 100

212 96.3 8.0 12.0#

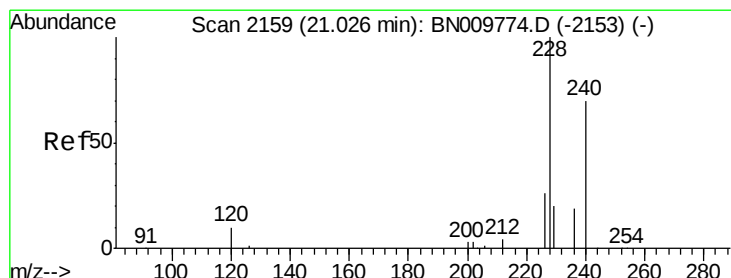
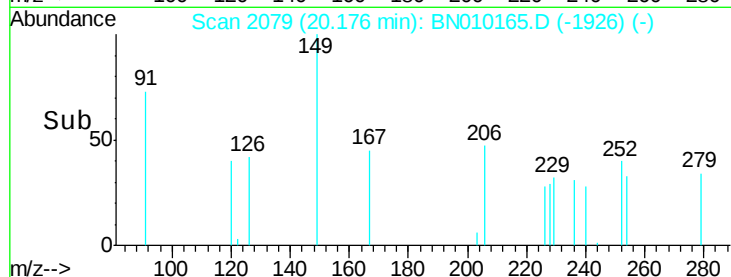
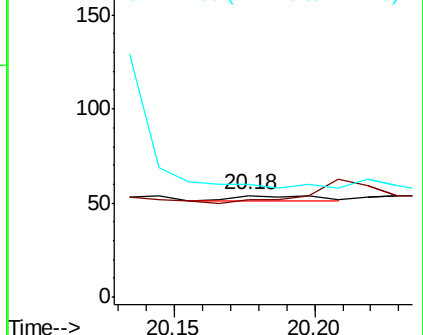
122 111.1 10.0 15.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.219 ng

RT: 21.87 min Scan# 2238

Delta R.T. 0.84 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

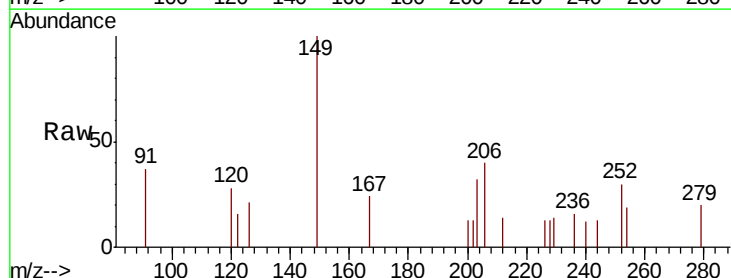
Tgt Ion:228 Resp: 8

Ion Ratio Lower Upper

228 100

226 101.7 21.8 32.8#

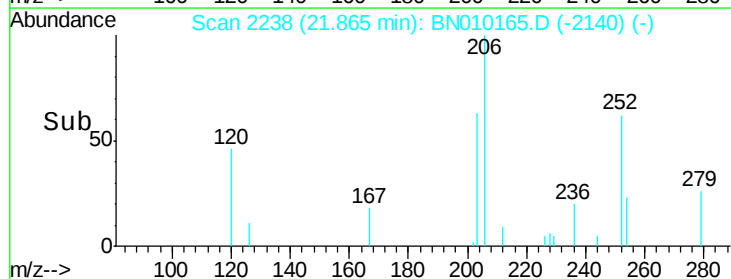
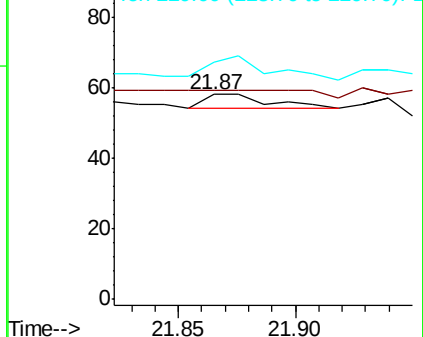
229 115.5 17.1 25.7#

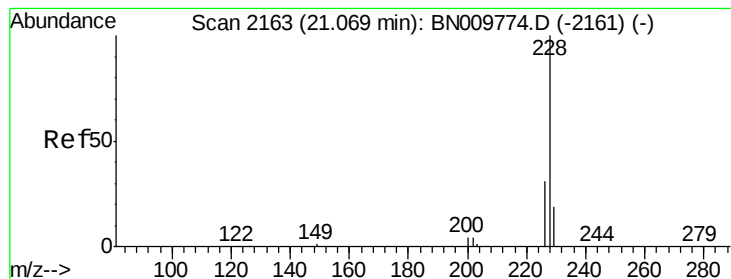


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.189 ng

RT: 21.87 min Scan# 2238

Delta R.T. 0.80 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

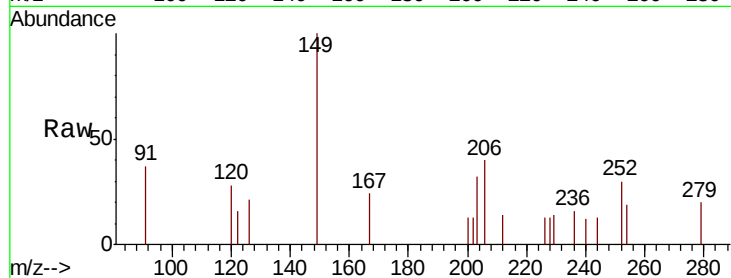
Tot Ion:228 Resp: 8

Ion Ratio Lower Upper

228 100

226 101.7 24.8 37.2#

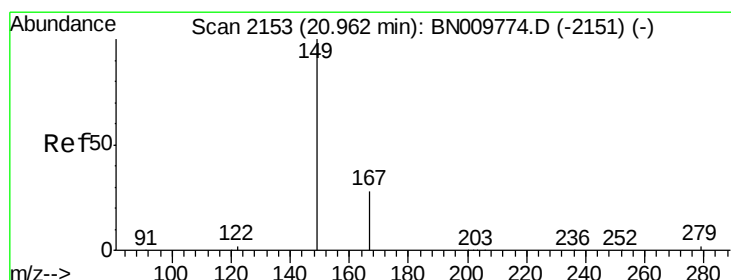
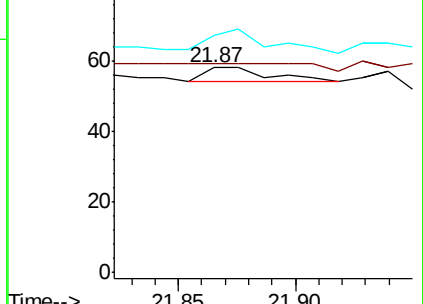
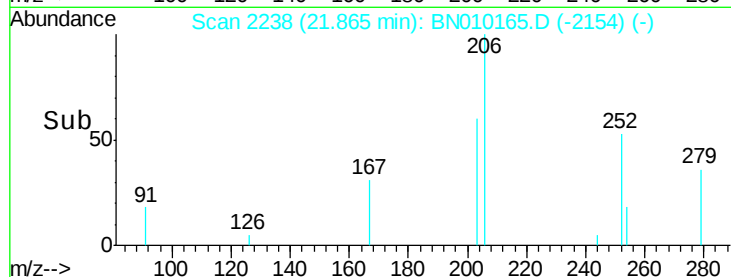
229 115.5 16.4 24.6#



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: 206.713 ng

RT: 21.76 min Scan# 2228

Delta R.T. 0.80 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

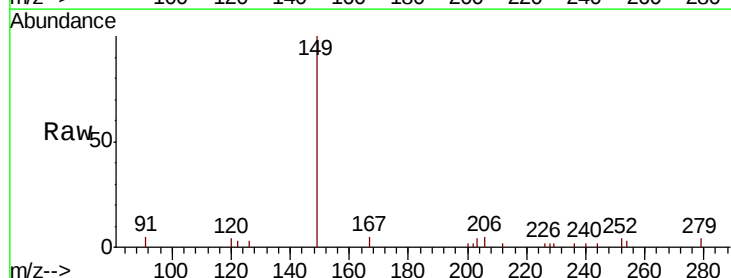
Tgt Ion:149 Resp: 3682

Ion Ratio Lower Upper

149 100

167 2.2 22.7 34.1#

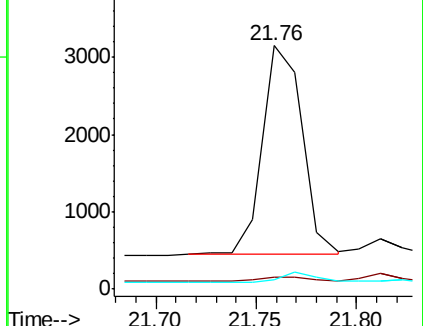
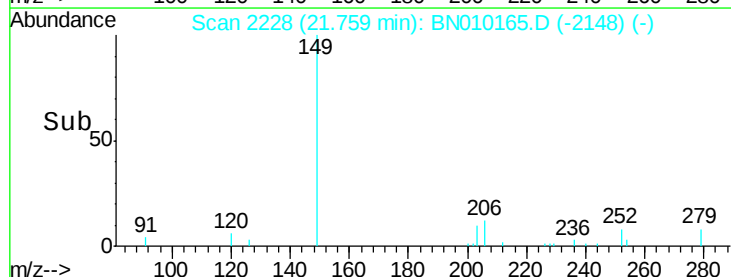
279 4.0 3.1 4.7

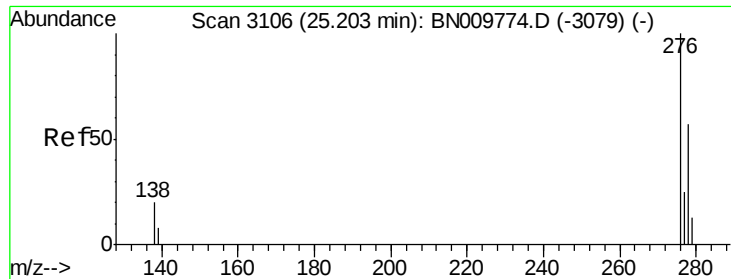


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.045 ng

RT: 26.15 min Scan# 3382

Delta R.T. 0.94 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

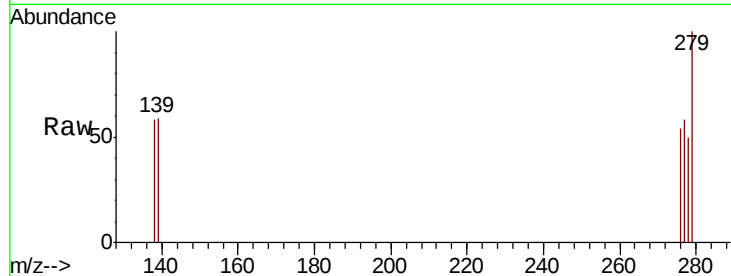
Tot Ion:276 Resp: 2

Ion Ratio Lower Upper

276 100

138 150.0 15.8 23.6#

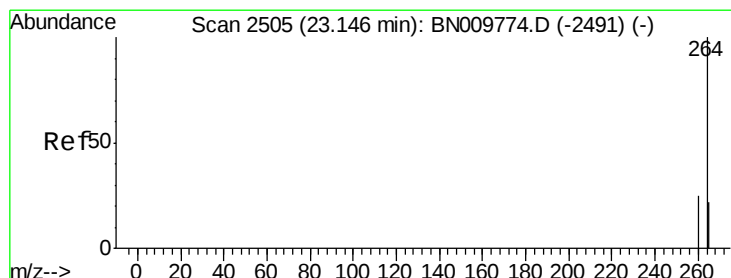
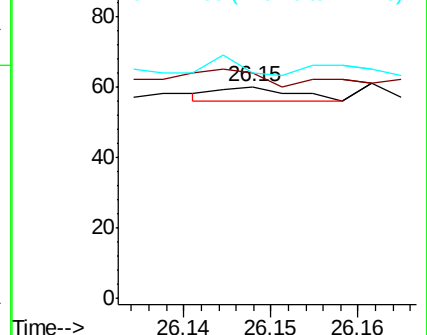
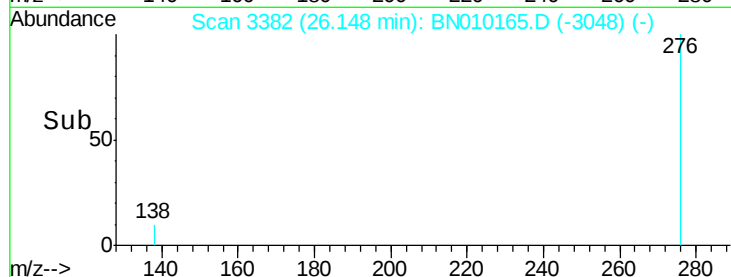
277 50.0 19.3 28.9#



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: 23.98 min Scan# 2749

Delta R.T. 0.84 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

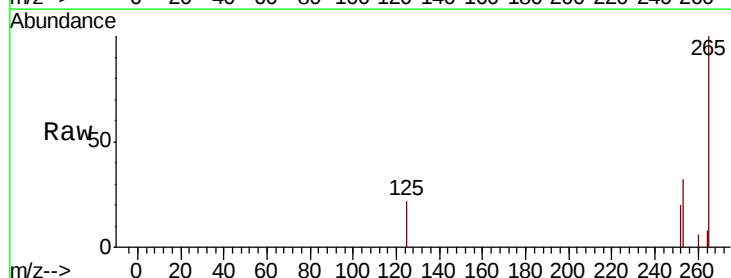
Tgt Ion:264 Resp: 4

Ion Ratio Lower Upper

264 100

260 76.1 21.1 31.7#

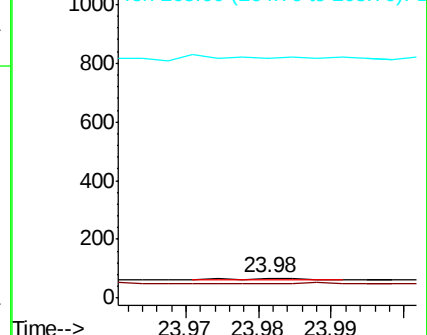
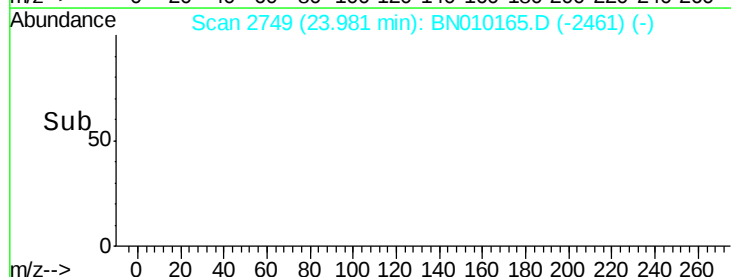
265 1220.9 57.5 86.3#

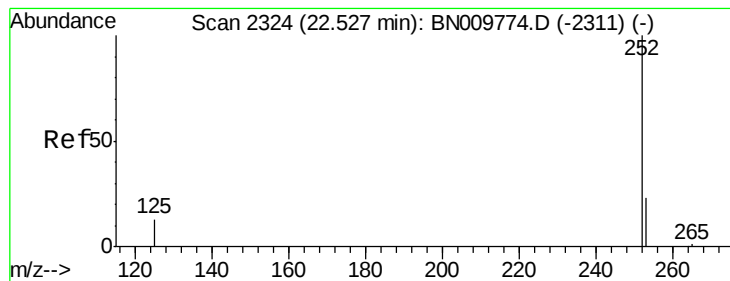


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.137 ng

RT: 23.33 min Scan# 2559

Delta R.T. 0.80 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

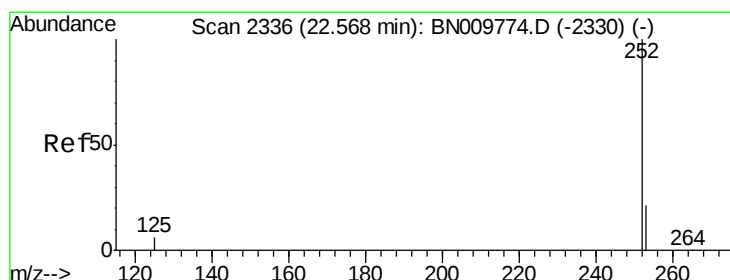
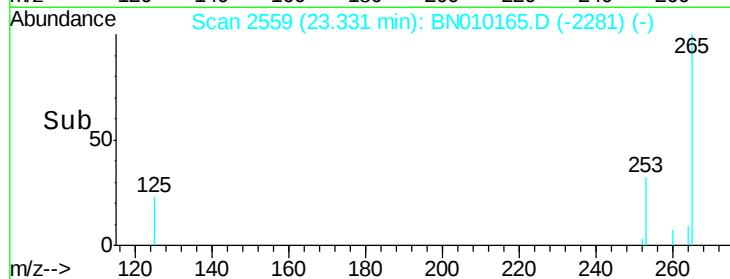
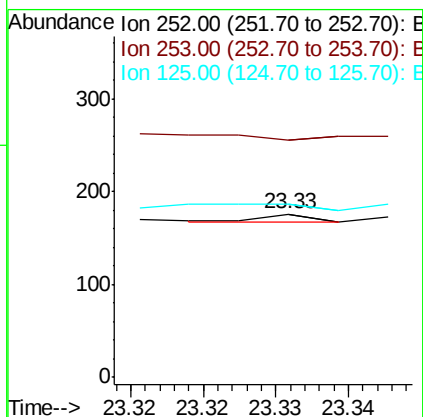
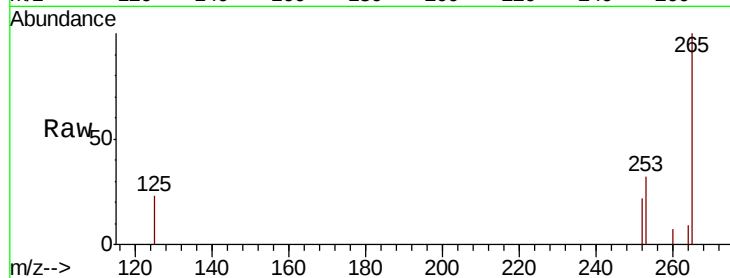
Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

Tot Ion:252	Resp:	2	
Ion Ratio	Lower	Upper	
252	100		
253	145.5	23.0	34.6#
125	105.7	14.4	21.6#



#36

Benzo(k)fluoranthene

Concen: 0.440 ng

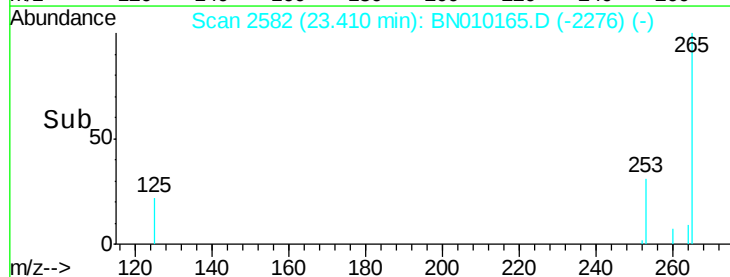
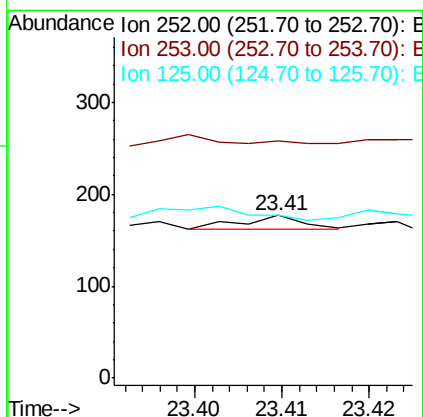
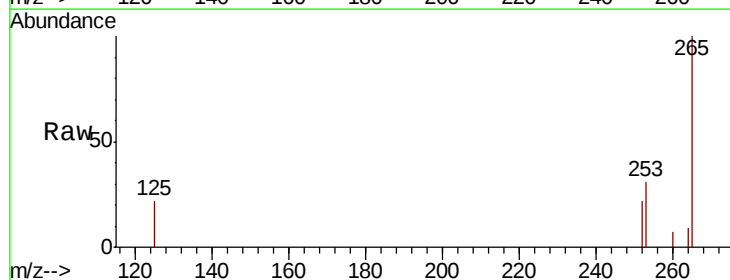
RT: 23.41 min Scan# 2582

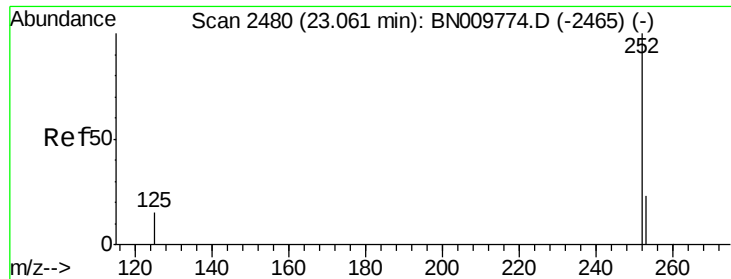
Delta R.T. 0.84 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Tgt Ion:252	Resp:	7
Ion Ratio	Lower	Upper
252 100		
253 145.8	22.2	33.2#
125 100.6	10.5	15.7#





#37

Benzo(a)pyrene

Concen: 1.349 ng

RT: 23.90 min Scan# 2724

Delta R.T. 0.84 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD

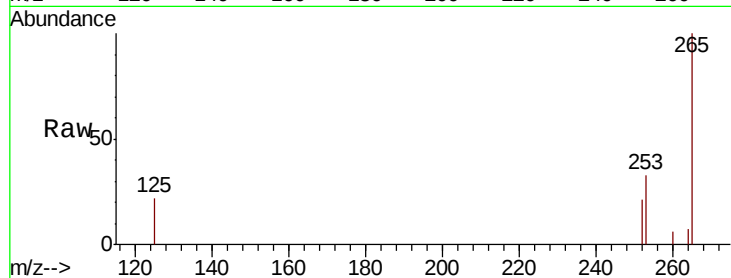
Tot Ion:252 Resp: 18

Ion Ratio Lower Upper

252 100

253 153.4 25.3 37.9#

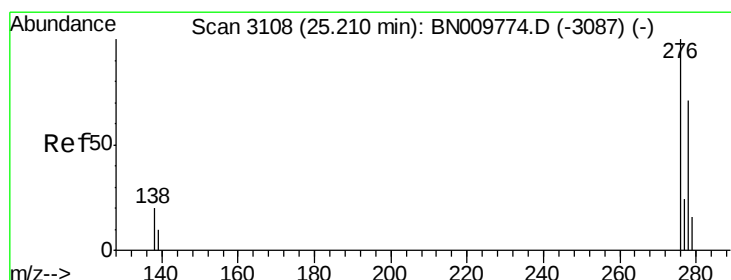
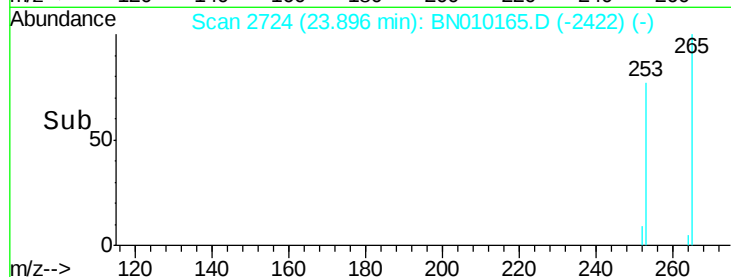
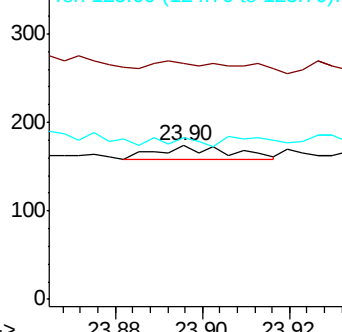
125 105.2 17.7 26.5#



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: 0.152 ng

RT: 26.13 min Scan# 3376

Delta R.T. 0.92 min

Lab File: BN010165.D

Acq: 10 Mar 2020 18:17

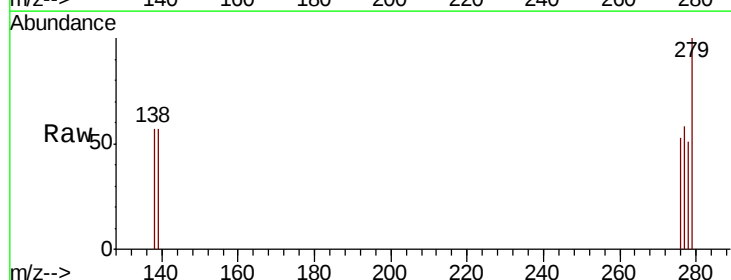
Tgt Ion:278 Resp: 2

Ion Ratio Lower Upper

278 100

139 110.3 14.5 21.7#

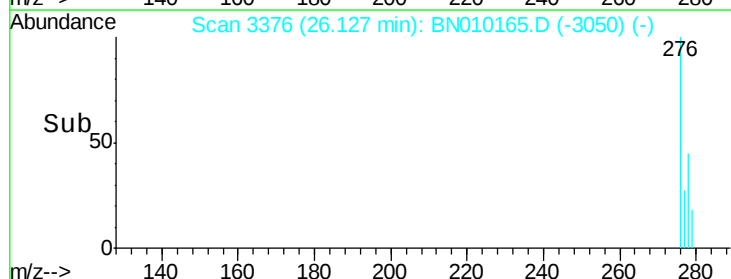
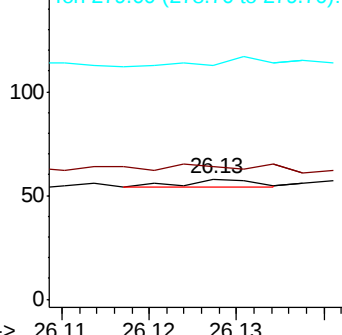
279 194.8 24.3 36.5#

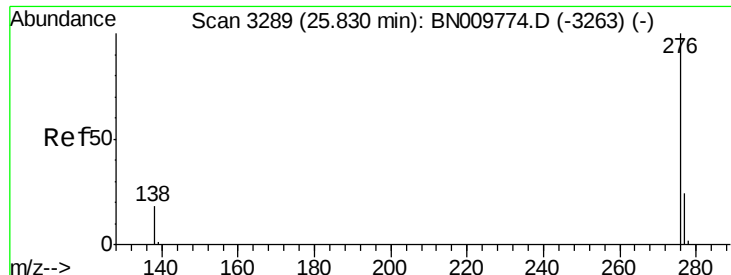


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.143 ng

RT: 26.76 min Scan# 3562

Delta R.T. 0.93 min

Lab File: BN010165.D

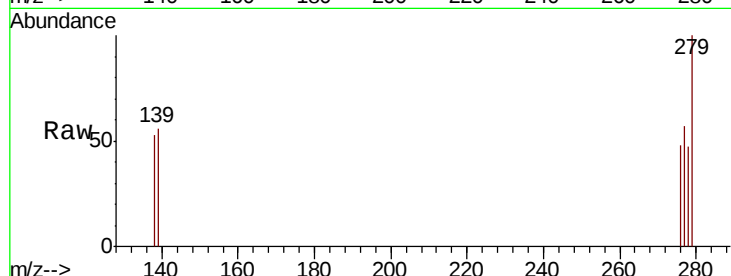
Acq: 10 Mar 2020 18:17

Instrument :

BNA_N

ClientSampleId :

RE132D2-20200305MSD



Tot Ion: 276 Resp: 2

Ion Ratio Lower Upper

276 100

277 118.5 21.4 32.0#

138 109.3 16.6 24.8#

