

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030920\
 Data File : BN010144.D
 Acq On : 09 Mar 2020 12:03
 Operator : CG/JU
 Sample : PB127320BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 09 16:57:19 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	7.38	152	811	0.40	ng	-0.04
7) Naphthalene-d8	10.14	136	2705	0.40	ng	-0.04
13) Acenaphthene-d10	14.01	164	1781	0.40	ng	-0.04
19) Phenanthrene-d10	16.78	188	3986	0.40	ng	-0.03
27) Chrysene-d12	21.00	240	3618	0.40	ng	-0.03
34) Perylene-d12	23.10	264	3867	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	614	0.34	ng	-0.02
5) Phenol-d6	6.65	99	228	0.10	ng	0.00
8) Nitrobenzene-d5	8.59	82	706	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	2093	0.40	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	253	0.37	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	2502	0.37	ng	-0.03
25) Fluoranthene-d10	18.83	212	4962	0.36	ng	-0.03
29) Terphenyl-d14	19.44	244	3153	0.36	ng	-0.03

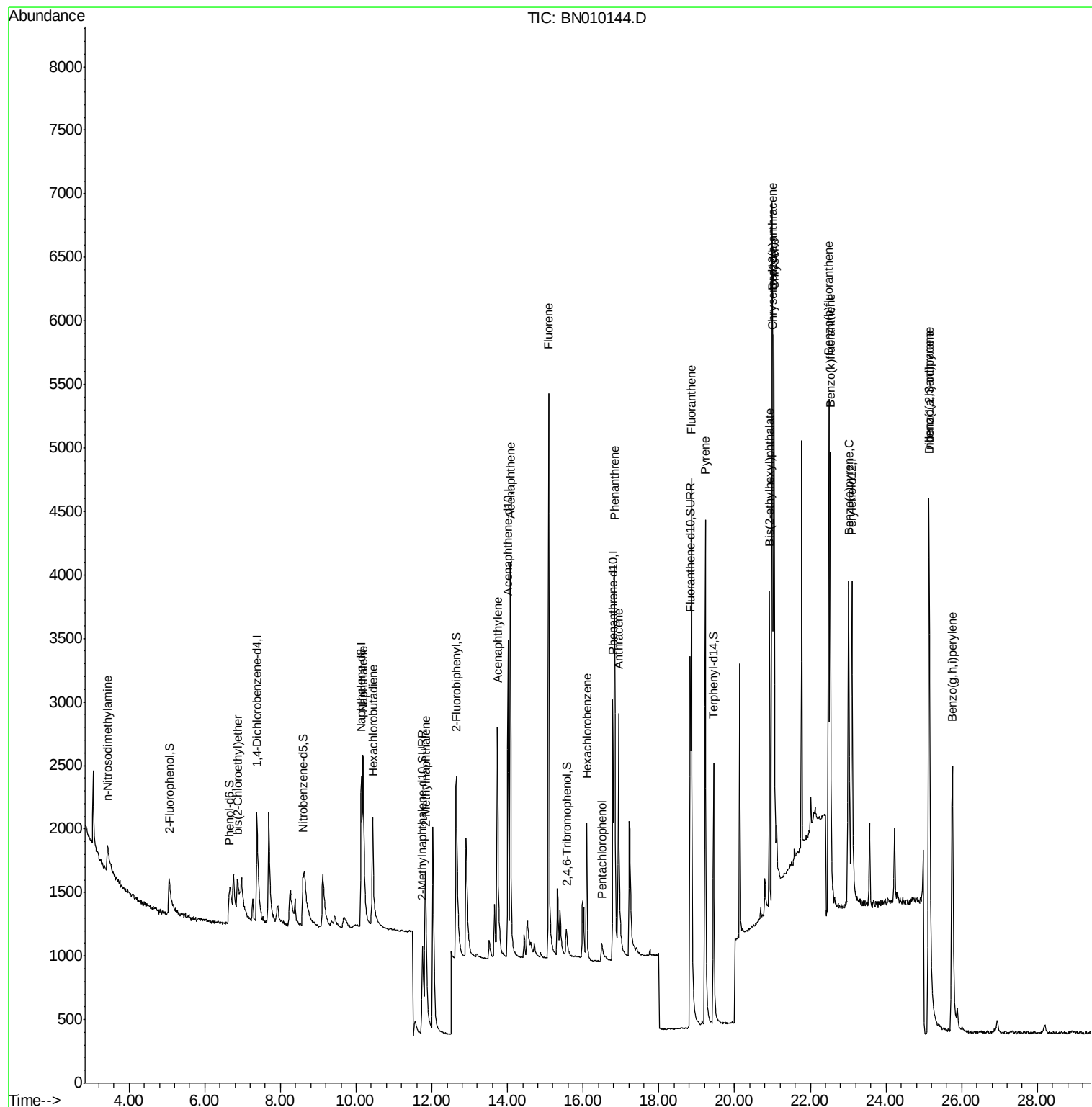
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.43	42	314	0.230	ng	# 77
6) bis(2-Chloroethyl)ether	6.87	93	650	0.305	ng	# 85
9) Naphthalene	10.19	128	2864	0.388	ng	96
10) Hexachlorobutadiene	10.44	225	689	0.425	ng	# 97
12) 2-Methylnaphthalene	11.83	142	1974	0.390	ng	98
16) Acenaphthylene	13.73	152	2938	0.387	ng	99
17) Acenaphthene	14.08	154	2060	0.386	ng	98
18) Fluorene	15.08	166	2649	0.376	ng	100
21) Hexachlorobenzene	16.09	284	985	0.397	ng	97
22) Pentachlorophenol	16.49	266	177	0.391	ng	94
23) Phenanthrene	16.83	178	4171	0.352	ng	100
24) Anthracene	16.93	178	3559	0.355	ng	99
26) Fluoranthene	18.85	202	5047	0.355	ng	99
28) Pyrene	19.22	202	5237	0.381	ng	99
30) Benzo(a)anthracene	20.99	228	4105	0.342	ng	100
31) Chrysene	21.04	228	5071	0.365	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	2125	0.363	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.14	276	5731	0.396	ng	98
35) Benzo(b)fluoranthene	22.49	252	5074	0.359	ng	99
36) Benzo(k)fluoranthene	22.52	252	5602	0.364	ng	100
37) Benzo(a)pyrene	23.01	252	4774	0.370	ng	# 95
38) Dibenzo(a,h)anthracene	25.14	278	4382	0.345	ng	99
39) Benzo(g,h,i)perylene	25.76	276	5005	0.370	ng	98

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

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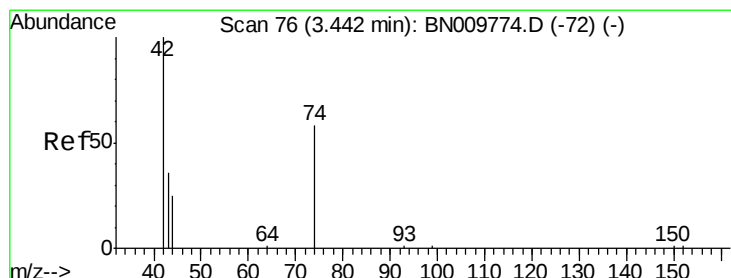
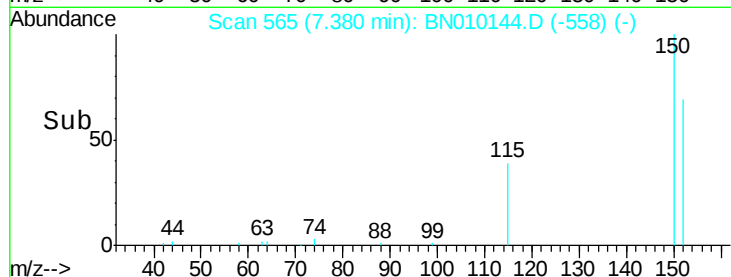
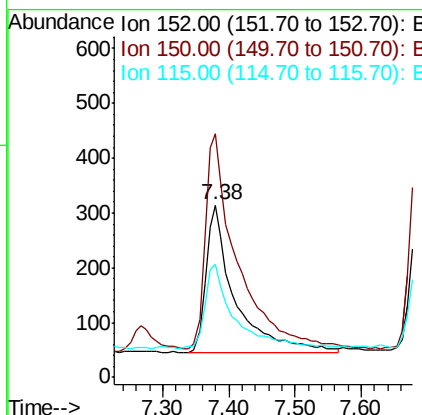
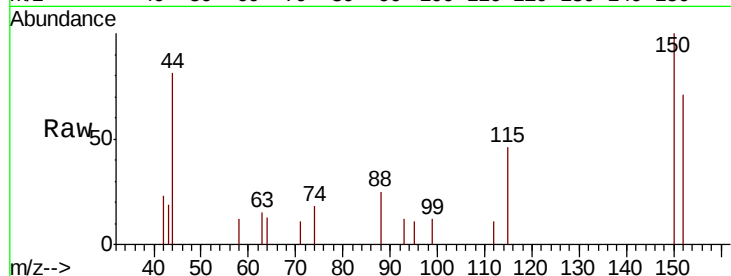


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. -0.04 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

Instrument :
BNA_N
ClientSampleId :

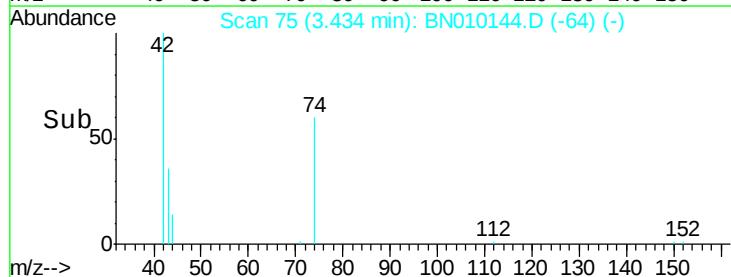
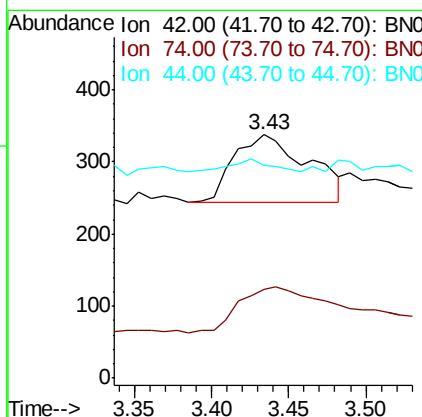
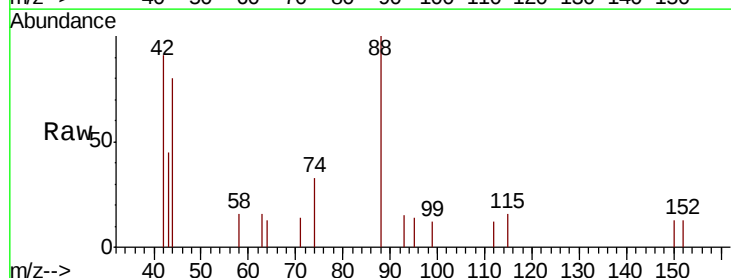
Tot Ion:152 Resp: 811
Ion Ratio Lower Upper
152 100
150 141.4 120.6 181.0
115 65.6 51.2 76.8

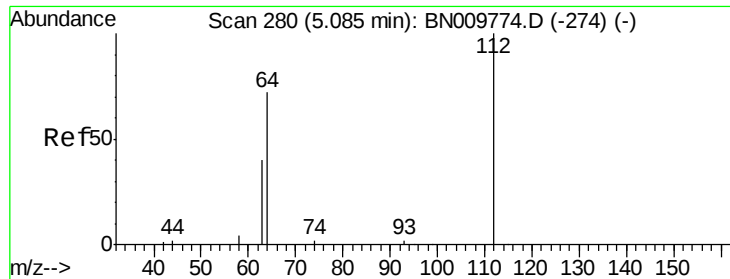


#3

n-Nitrosodimethylamine
Concen: 0.230 ng
RT: 3.43 min Scan# 75
Delta R.T. -0.01 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

Tgt Ion: 42 Resp: 314
Ion Ratio Lower Upper
42 100
74 82.2 51.2 76.8#
44 10.2 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.340 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

Instrument :

BNA_N

ClientSampleId :

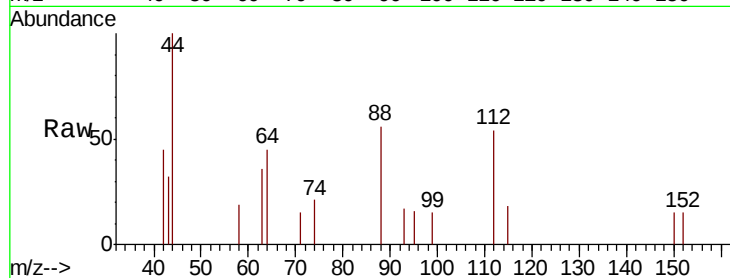
Tot Ion: 112 Resp: 614

Ion Ratio Lower Upper

112 100

64 82.4 65.8 98.6

63 50.2 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

5.06

150

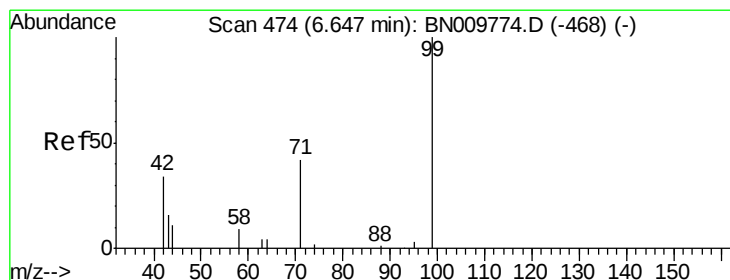
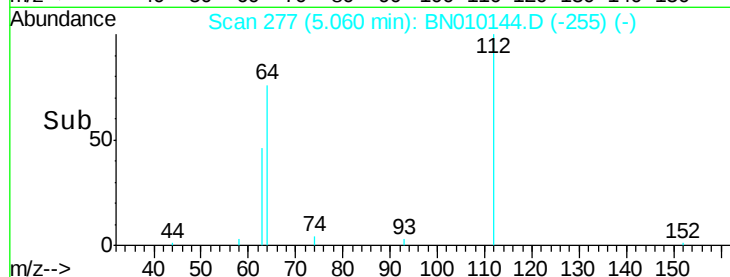
100

50

0

4.90 5.00 5.10 5.20

Time-->



#5

Phenol-d6

Concen: 0.104 ng

RT: 6.65 min Scan# 474

Delta R.T. -0.00 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

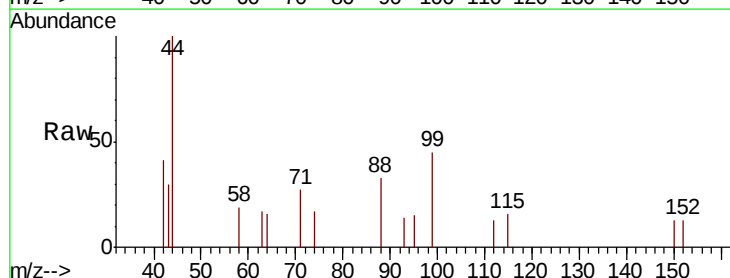
Tgt Ion: 99 Resp: 228

Ion Ratio Lower Upper

99 100

42 100.9 30.8 46.2#

71 129.8 34.9 52.3#



Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

6.65

150

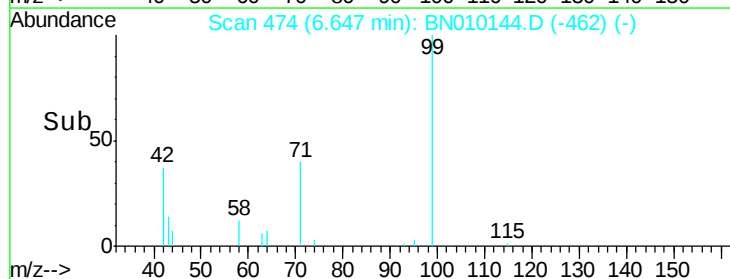
100

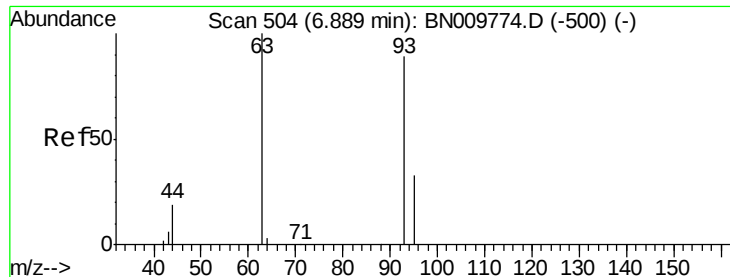
50

0

6.55 6.60 6.65

Time-->



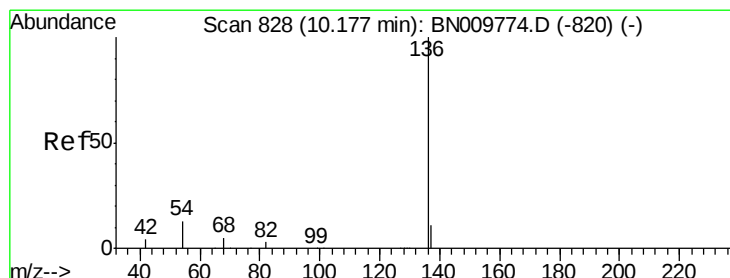
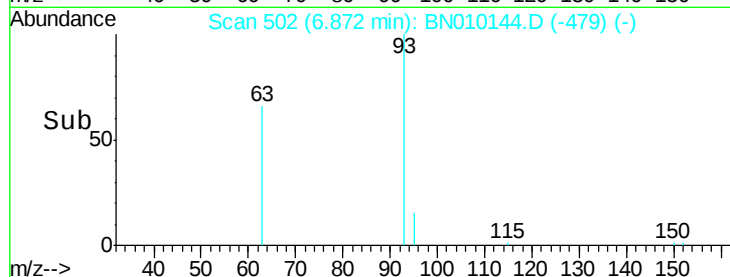
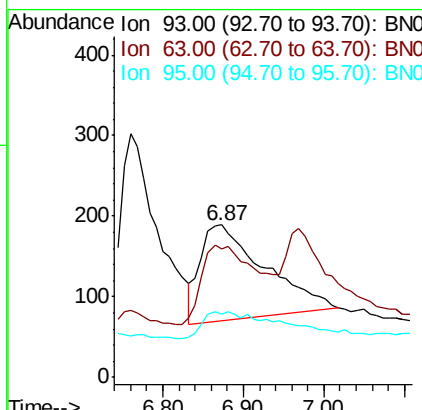
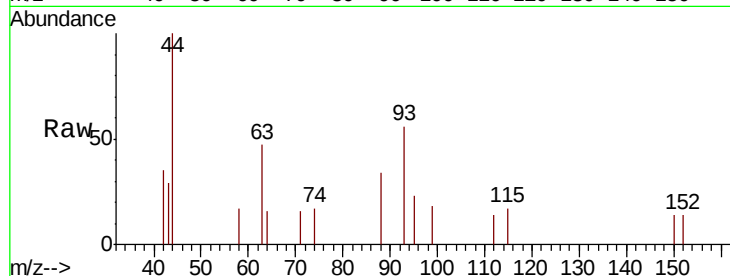


#6

bis(2-Chloroethyl)ether
Concen: 0.305 ng
RT: 6.87 min Scan# 502
Delta R.T. -0.02 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

Instrument :
BNA_N
ClientSampleId :

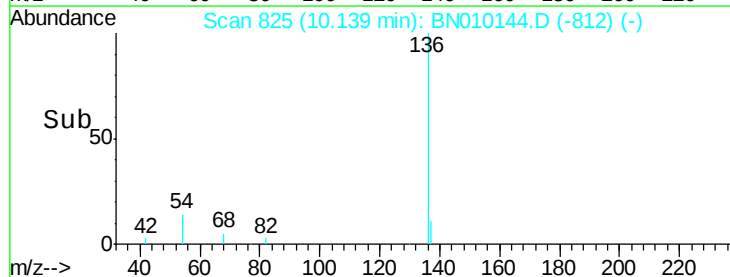
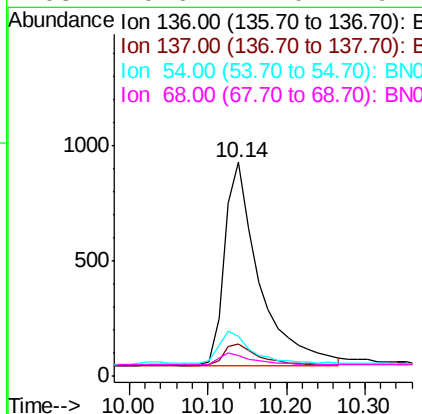
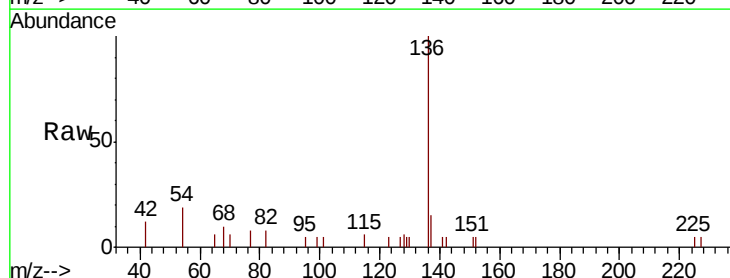
Tot Ion: 93 Resp: 650
Ion Ratio Lower Upper
93 100
63 72.9 74.0 111.0#
95 33.7 26.7 40.1

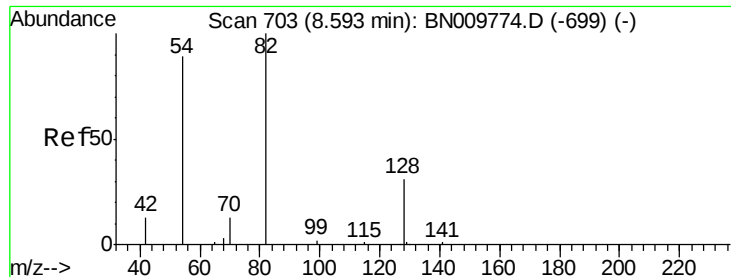


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. -0.04 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

Tgt Ion: 136 Resp: 2705
Ion Ratio Lower Upper
136 100
137 15.1 11.3 16.9
54 18.6 13.4 20.2
68 9.6 7.0 10.4

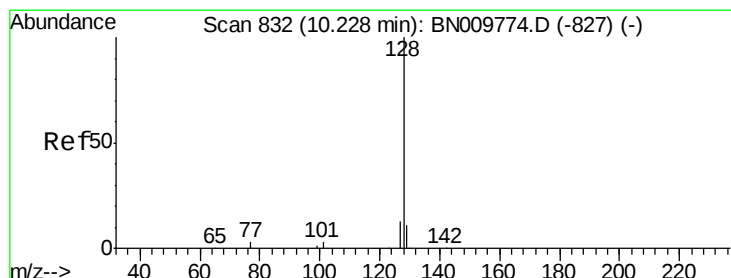
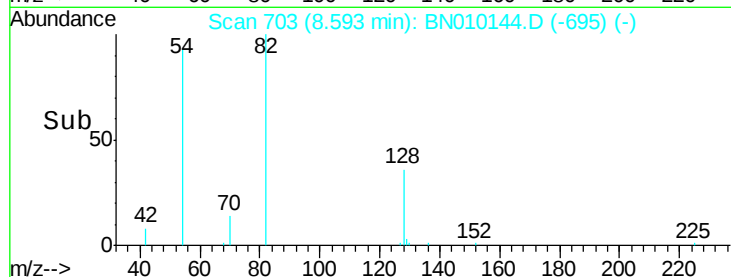
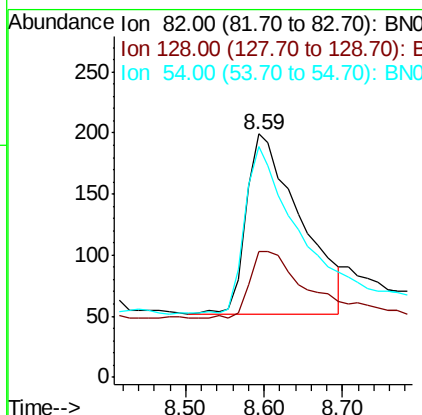
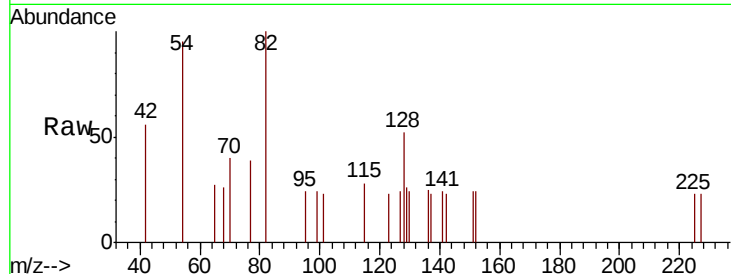




#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.59 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

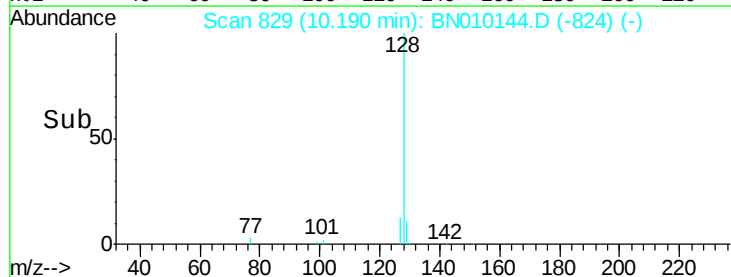
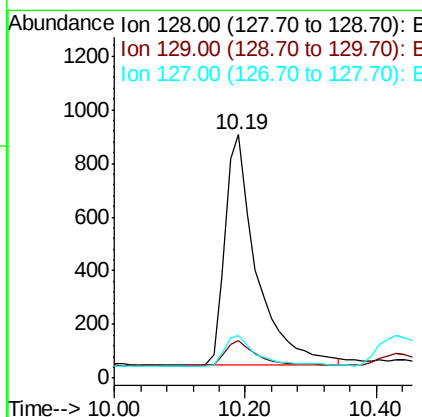
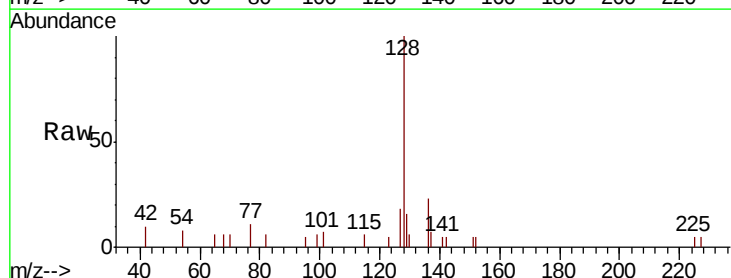
Instrument :
BNA_N
ClientSampled :

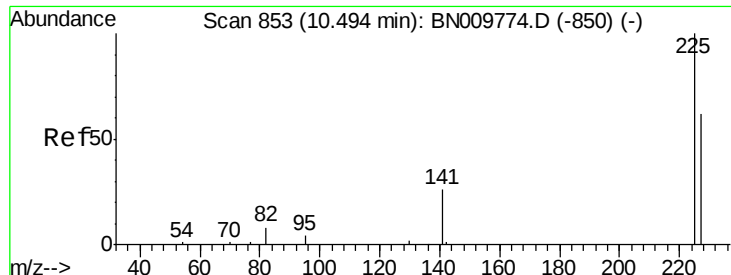
Tot Ion: 82 Resp: 706
Ion Ratio Lower Upper
82 100
128 51.8 32.5 48.7#
54 95.0 73.5 110.3



#9
Naphthalene
Concen: 0.388 ng
RT: 10.19 min Scan# 829
Delta R.T. -0.04 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

Tgt Ion: 128 Resp: 2864
Ion Ratio Lower Upper
128 100
129 15.7 11.1 16.7
127 17.8 12.6 19.0

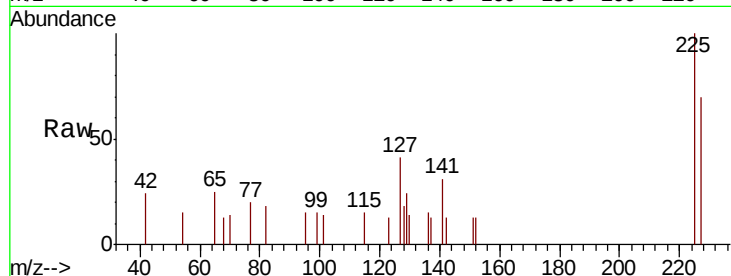




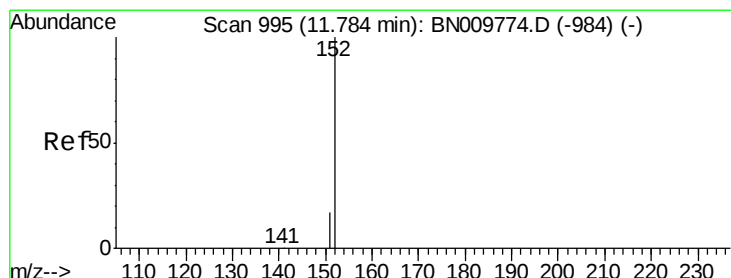
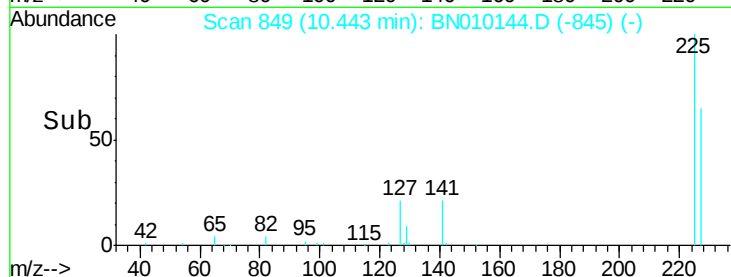
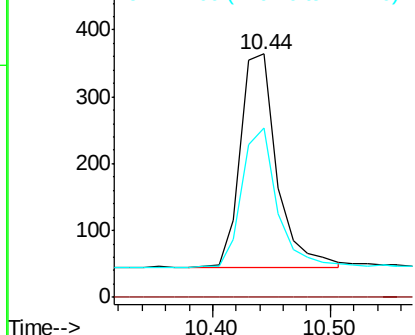
#10
Hexachlorobutadiene
Concen: 0.425 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.05 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:225 Resp: 689
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.3 53.4 80.2

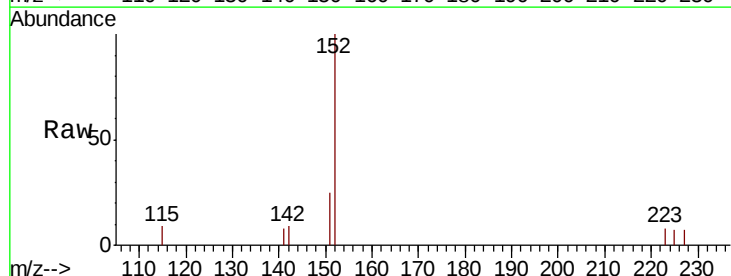


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

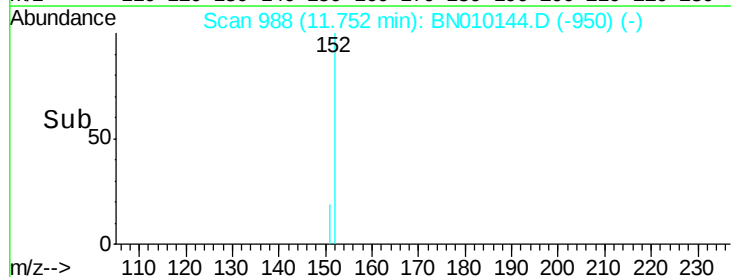
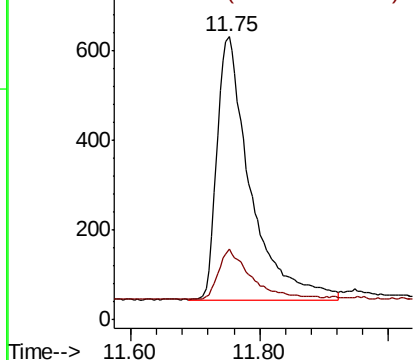


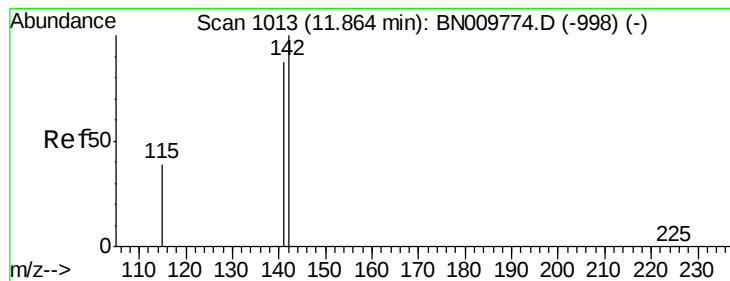
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 11.75 min Scan# 988
Delta R.T. -0.03 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

Tgt Ion:152 Resp: 2093
Ion Ratio Lower Upper
152 100
151 18.7 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: 0.390 ng

RT: 11.83 min Scan# 1005

Delta R.T. -0.04 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

Instrument :

BNA_N

ClientSampleId :

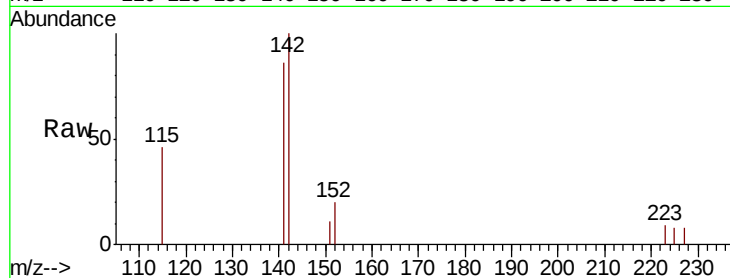
Tot Ion:142 Resp: 1974

Ion Ratio Lower Upper

142 100

141 86.1 69.8 104.6

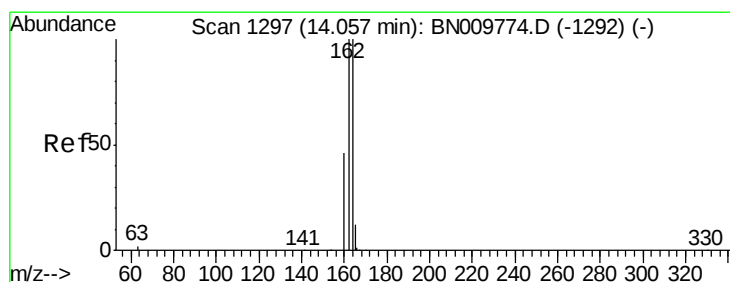
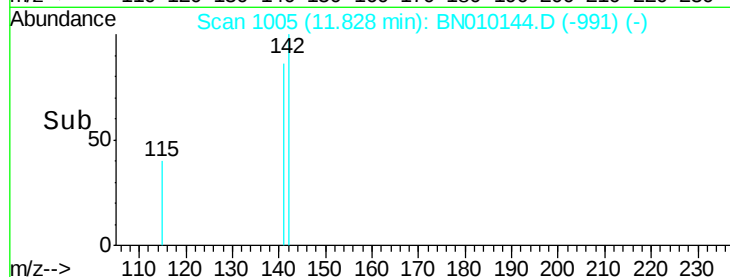
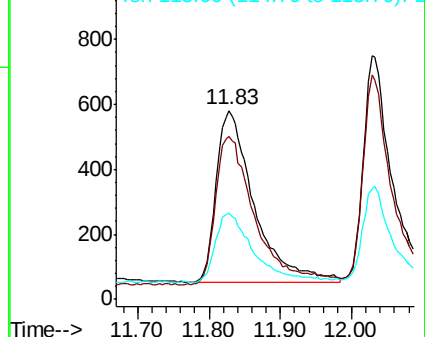
115 45.7 34.6 52.0



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: 14.01 min Scan# 1293

Delta R.T. -0.04 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

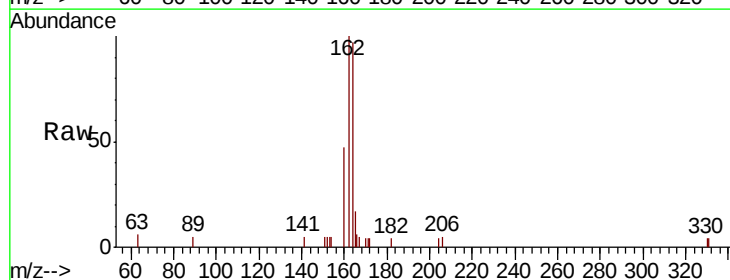
Tgt Ion:164 Resp: 1781

Ion Ratio Lower Upper

164 100

162 103.3 79.9 119.9

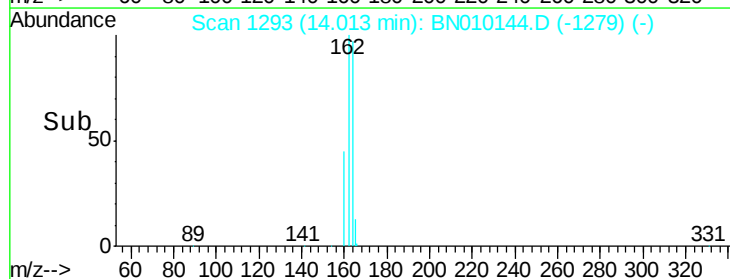
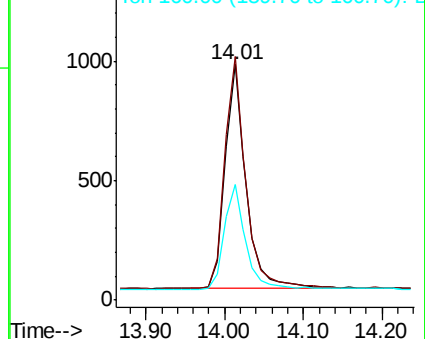
160 48.9 38.2 57.2

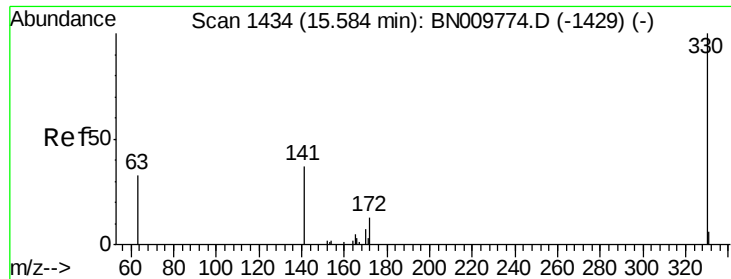


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

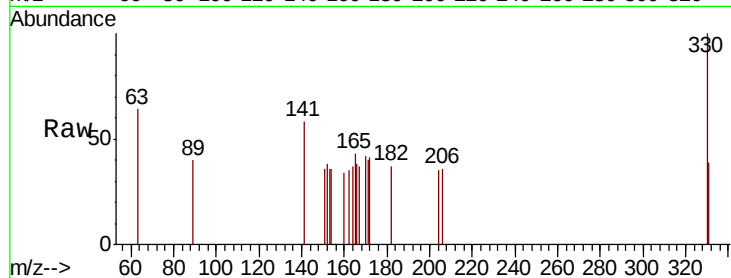




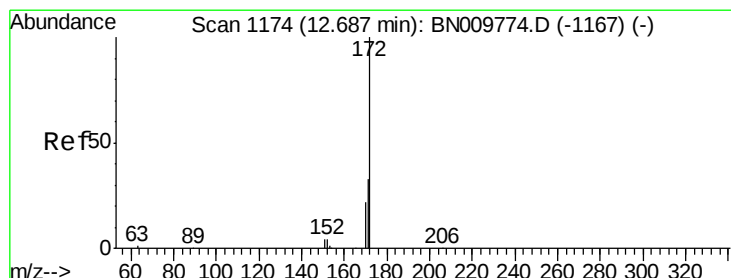
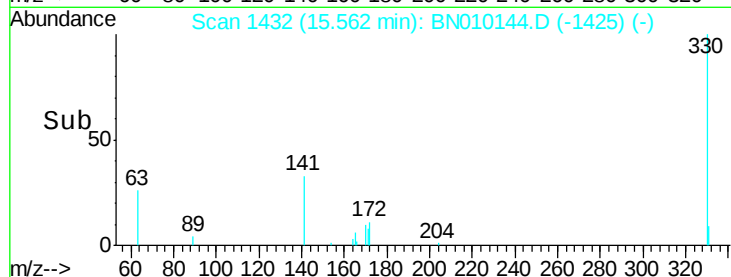
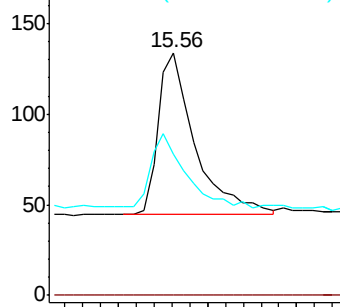
#14
 2,4,6-Tribromophenol
 Concen: 0.369 ng
 RT: 15.56 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BN010144.D
 Acq: 09 Mar 2020 12:03

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 253
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 45.1 36.8 55.2

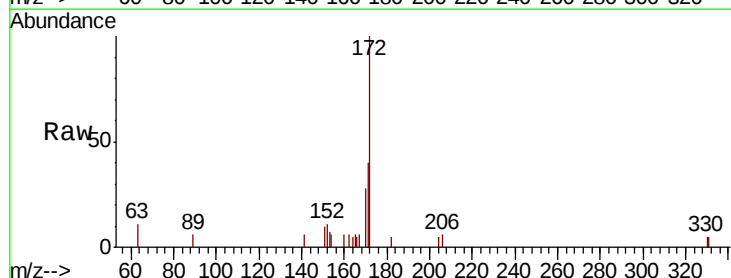


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

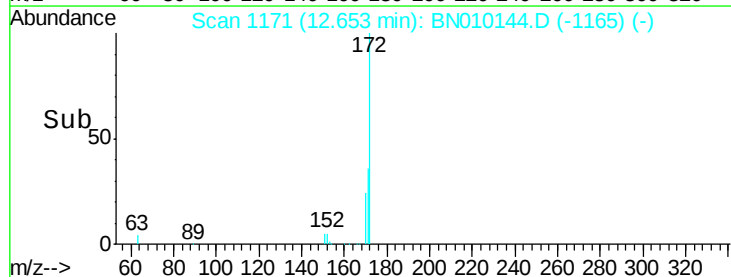
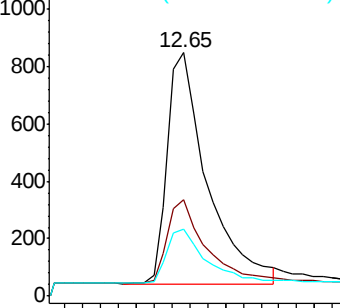


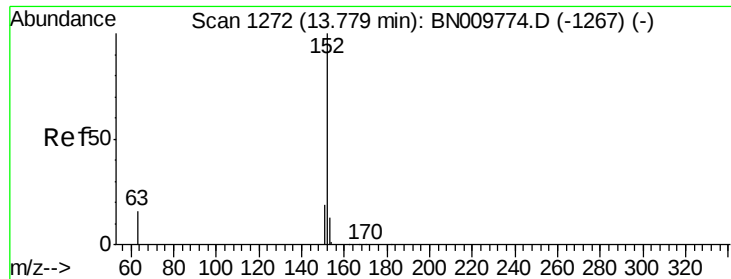
#15
 2-Fluorobiphenyl
 Concen: 0.372 ng
 RT: 12.65 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BN010144.D
 Acq: 09 Mar 2020 12:03

Tgt Ion:172 Resp: 2502
 Ion Ratio Lower Upper
 172 100
 171 39.8 28.7 43.1
 170 27.6 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

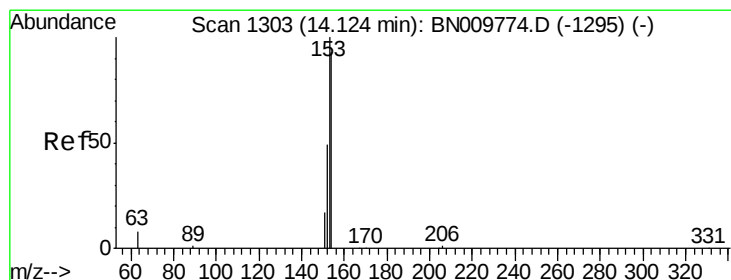
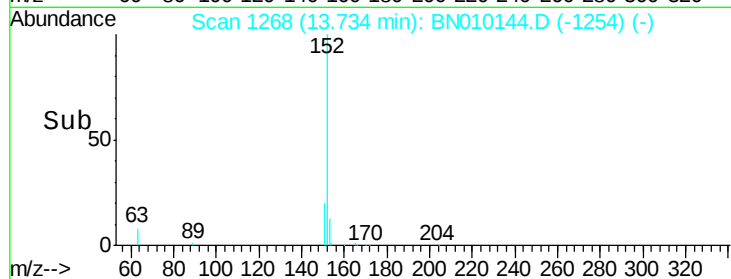
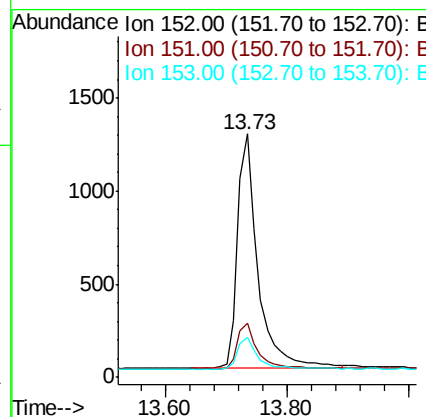
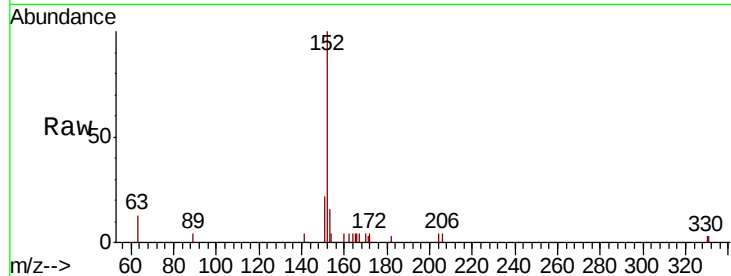




#16
Acenaphthylene
Concen: 0.387 ng
RT: 13.73 min Scan# 1268
Delta R.T. -0.04 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

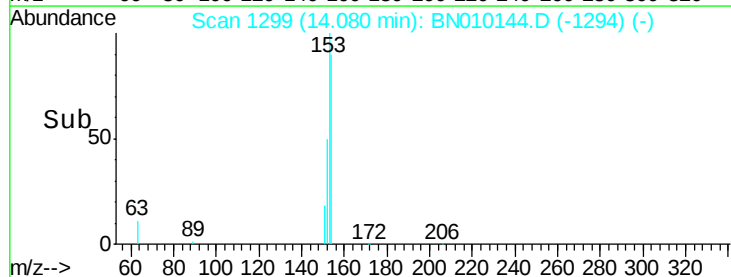
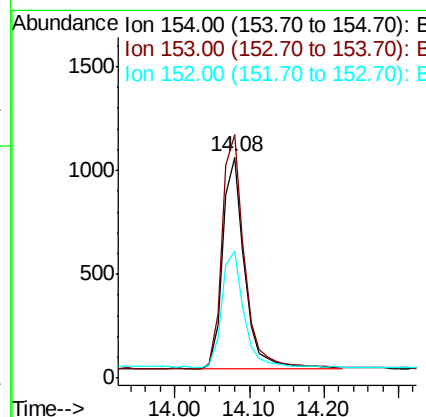
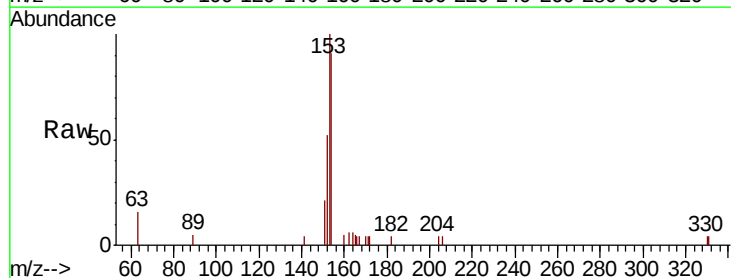
Instrument :
BNA_N
ClientSampleId :

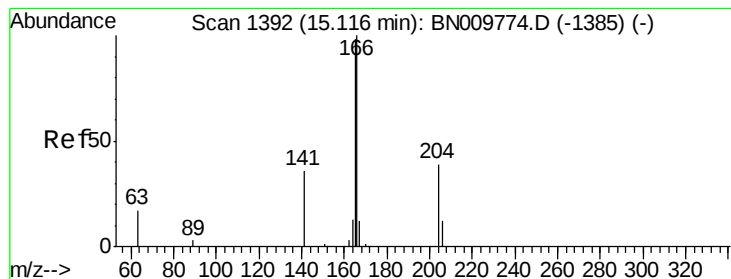
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.6
153	13.1	10.2	15.4



#17
Acenaphthene
Concen: 0.386 ng
RT: 14.08 min Scan# 1299
Delta R.T. -0.04 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	88.9	133.3
152	55.7	44.2	66.2





#18

Fluorene

Concen: 0.376 ng

RT: 15.08 min Scan# 1389

Delta R.T. -0.03 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

Instrument :

BNA_N

ClientSampleId :

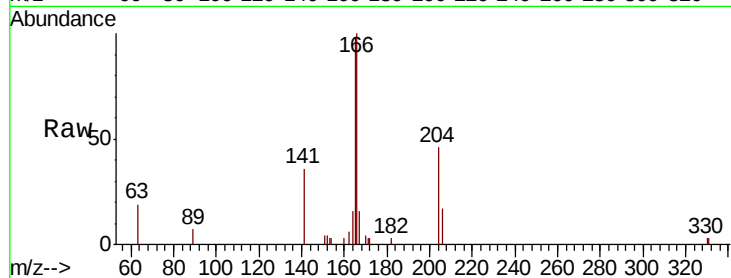
Tot Ion:166 Resp: 2649

Ion Ratio Lower Upper

166 100

165 96.3 77.2 115.8

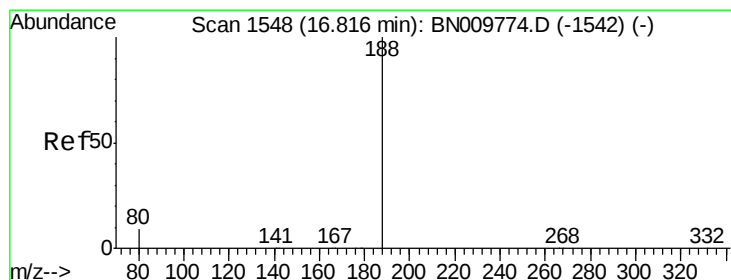
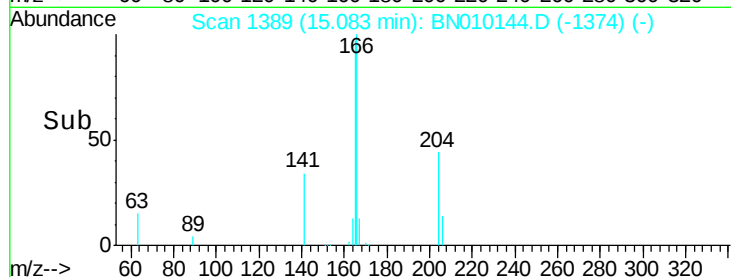
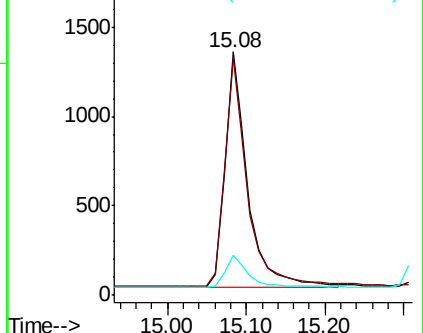
167 14.1 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1545

Delta R.T. -0.03 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

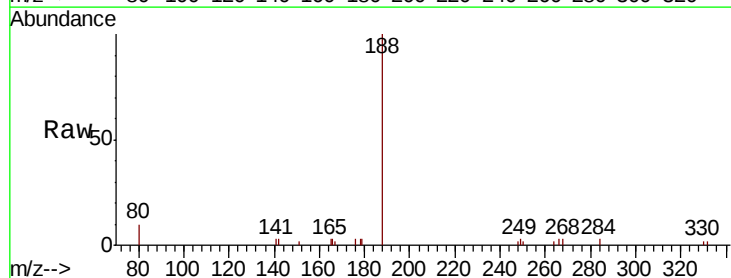
Tgt Ion:188 Resp: 3986

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

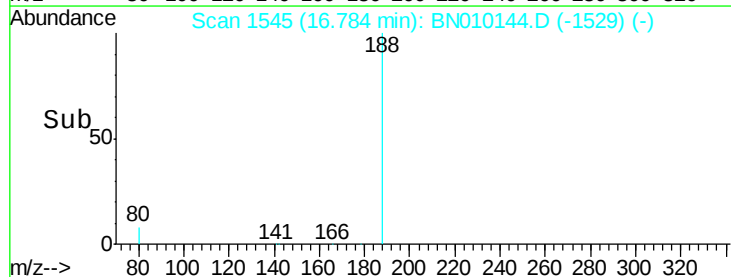
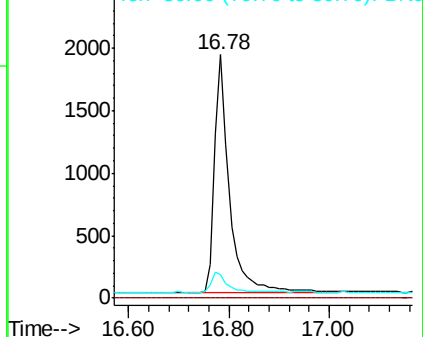
80 9.9 8.3 12.5

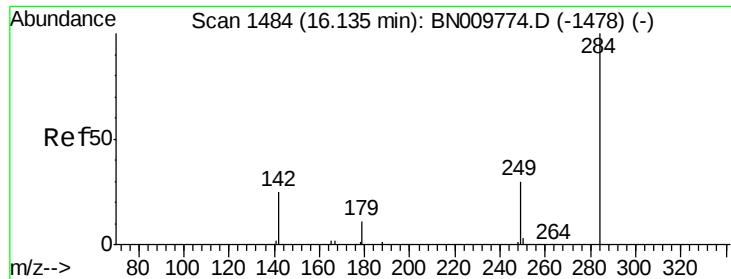


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

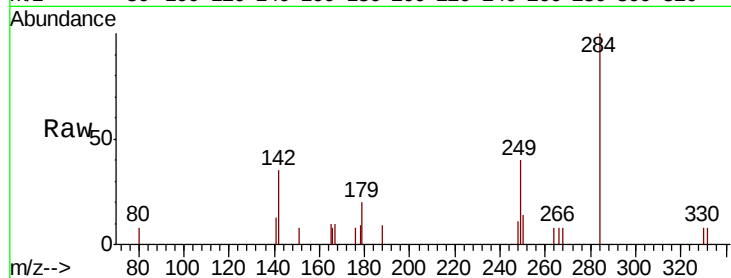




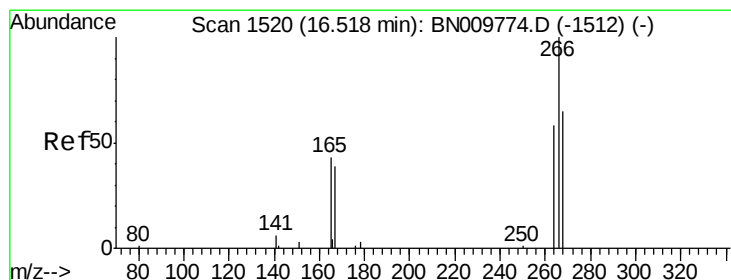
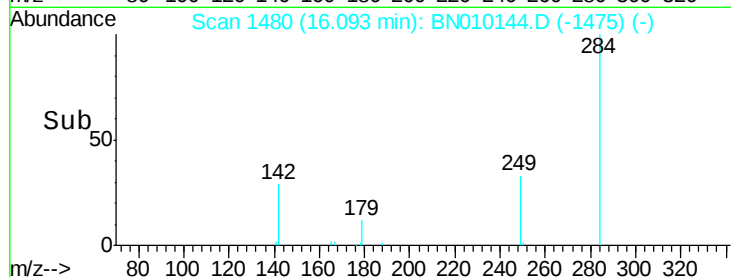
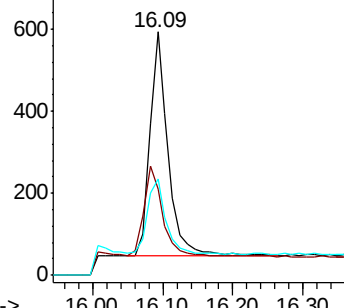
#21
Hexachlorobenzene
Concen: 0.397 ng
RT: 16.09 min Scan# 1480
Delta R.T. -0.04 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.5	33.3	49.9
249	34.1	25.7	38.5

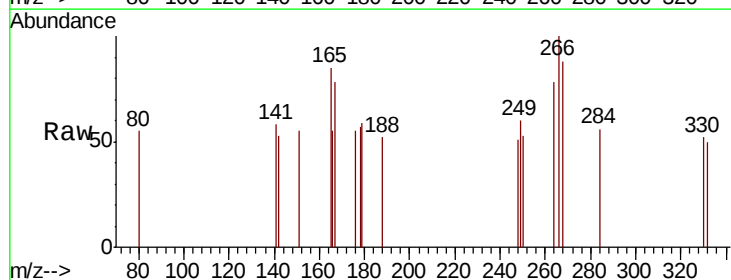


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

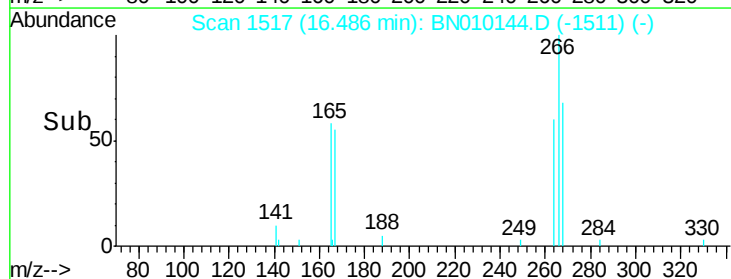
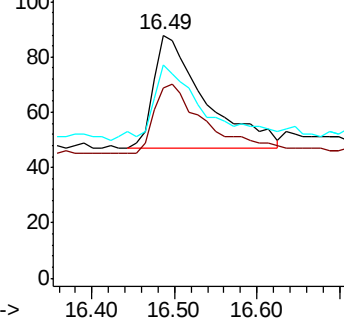


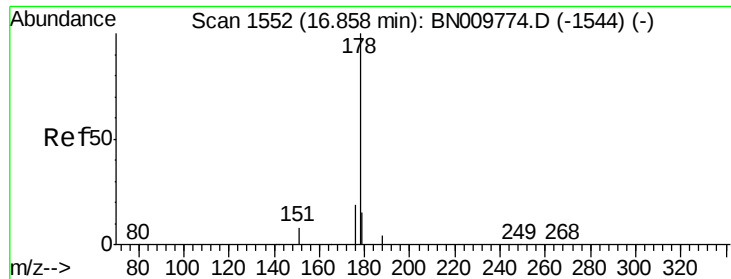
#22
Pentachlorophenol
Concen: 0.391 ng
RT: 16.49 min Scan# 1517
Delta R.T. -0.03 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

Tgt Ion	Ratio	Lower	Upper
266	100		
264	78.4	58.1	87.1
268	87.5	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: 0.352 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

Instrument :

BNA_N

ClientSampleId :

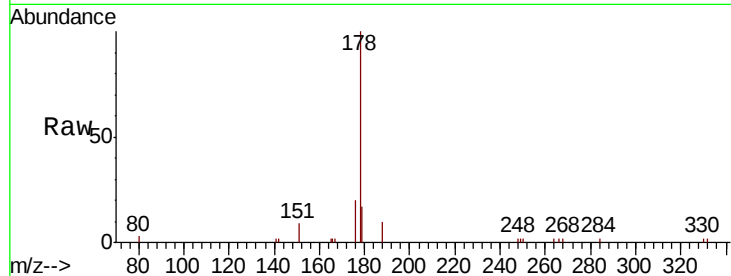
Tot Ion:178 Resp: 4171

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

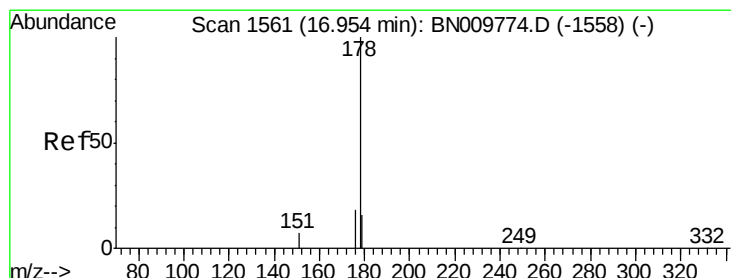
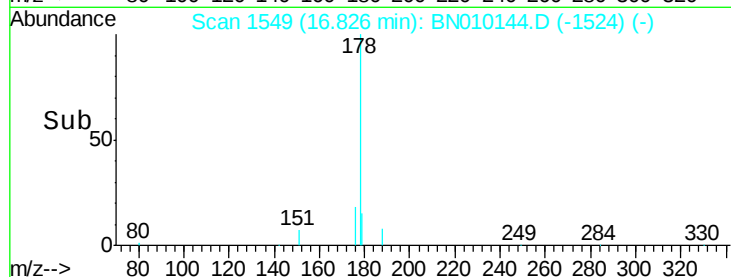
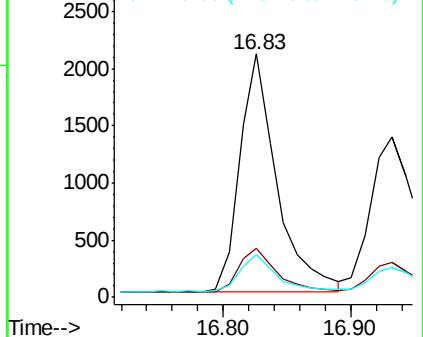
179 15.4 12.4 18.6



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: 0.355 ng

RT: 16.93 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

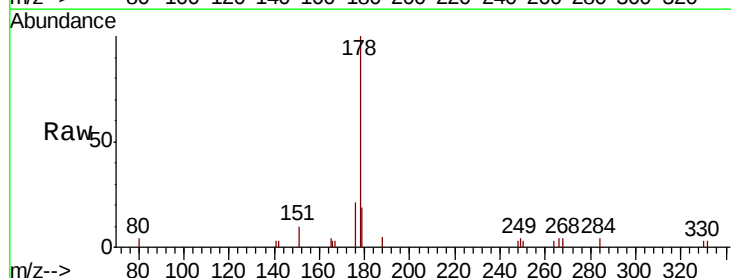
Tgt Ion:178 Resp: 3559

Ion Ratio Lower Upper

178 100

176 17.8 14.3 21.5

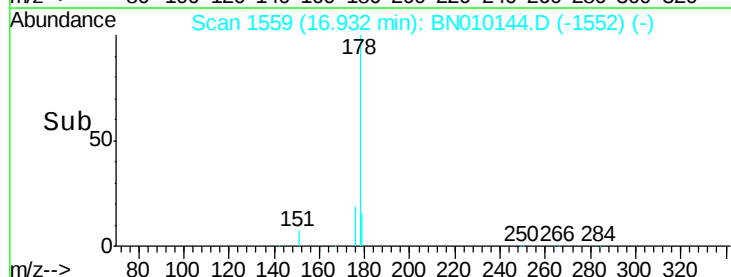
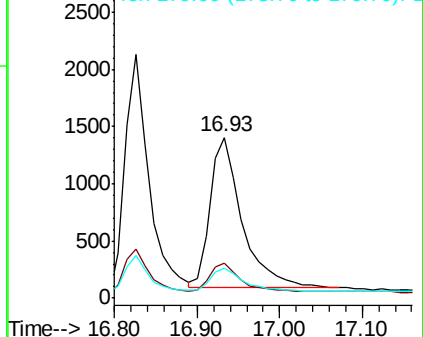
179 16.0 12.4 18.6

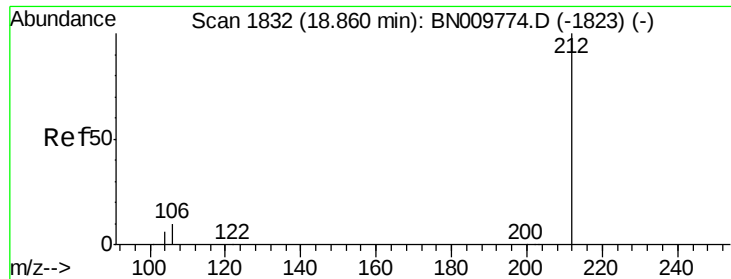


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.03 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

Instrument :

BNA_N

ClientSampleId :

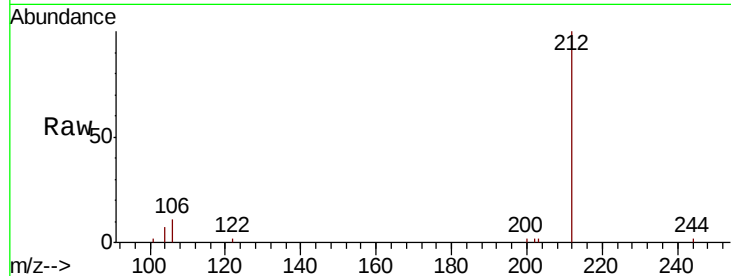
Tot Ion:212 Resp: 4962

Ion Ratio Lower Upper

212 100

106 10.6 8.4 12.6

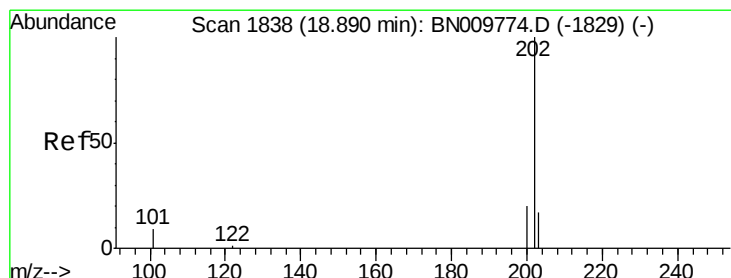
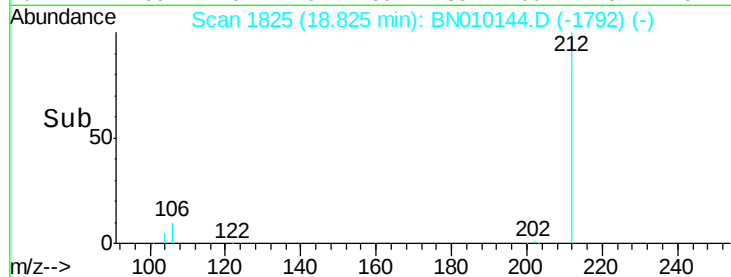
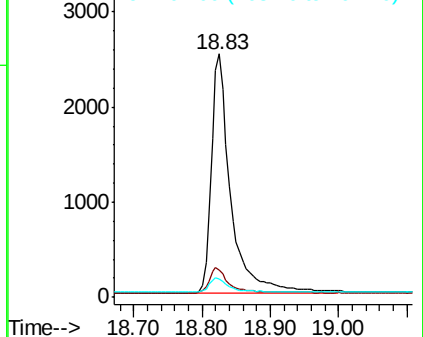
104 6.0 4.8 7.2



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: 0.355 ng

RT: 18.85 min Scan# 1831

Delta R.T. -0.03 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

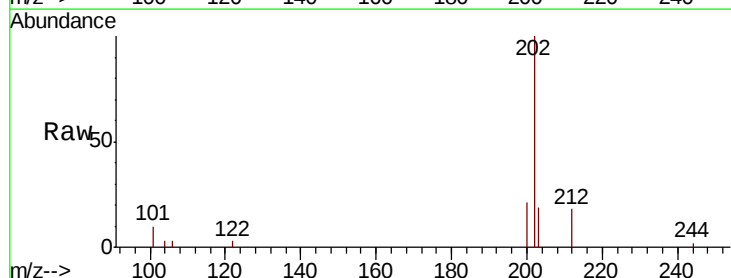
Tgt Ion:202 Resp: 5047

Ion Ratio Lower Upper

202 100

101 8.5 7.1 10.7

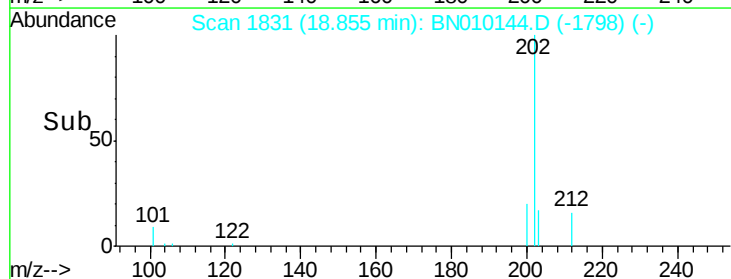
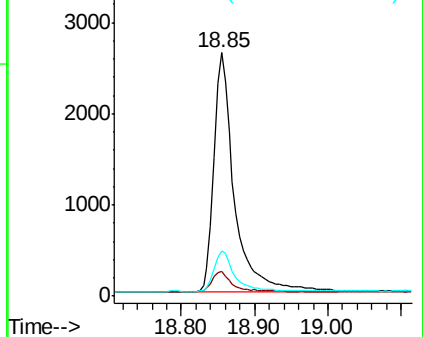
203 17.3 13.8 20.6

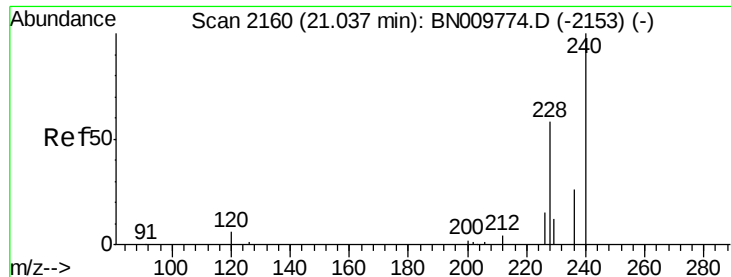


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

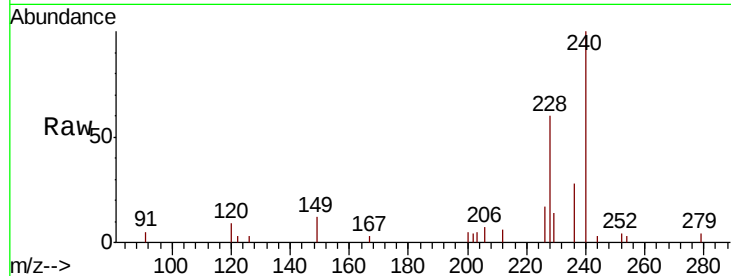




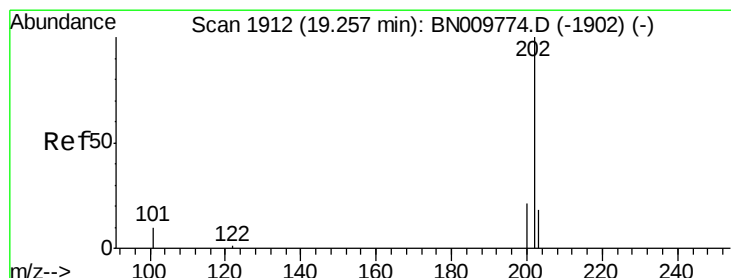
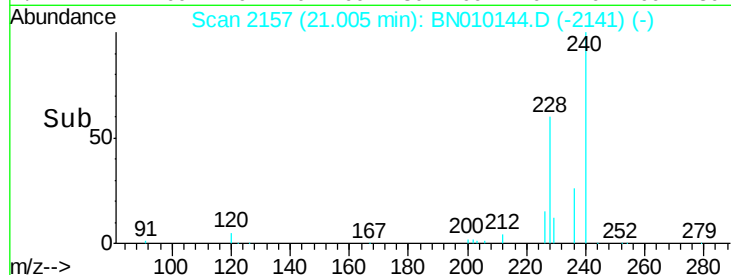
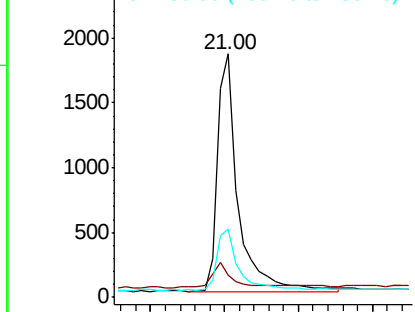
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. -0.03 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 3618
Ion Ratio Lower Upper
240 100
120 9.1 7.9 11.9
236 28.3 22.0 33.0

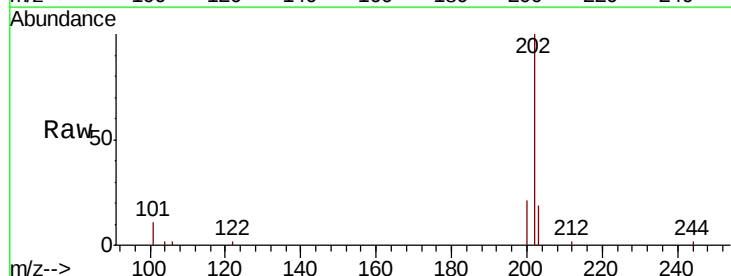


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

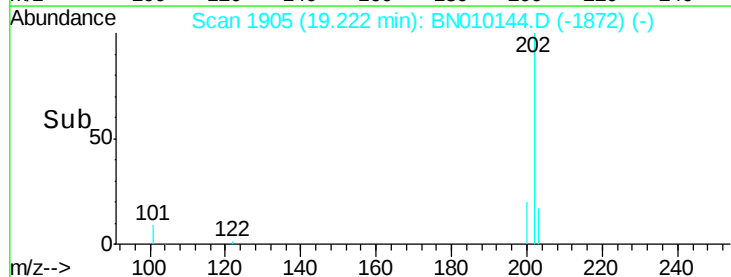
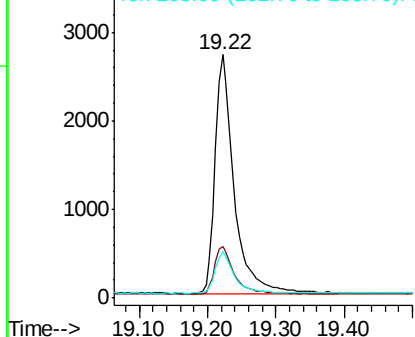


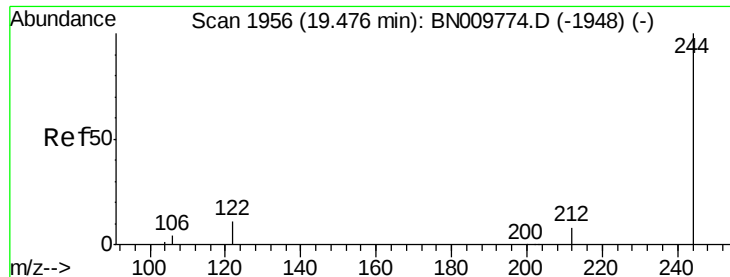
#28
Pyrene
Concen: 0.381 ng
RT: 19.22 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BN010144.D
Acq: 09 Mar 2020 12:03

Tgt Ion:202 Resp: 5237
Ion Ratio Lower Upper
202 100
200 20.2 16.4 24.6
203 17.1 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: 0.365 ng

RT: 19.44 min Scan# 1949

Delta R.T. -0.03 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

Instrument :

BNA_N

ClientSampled :

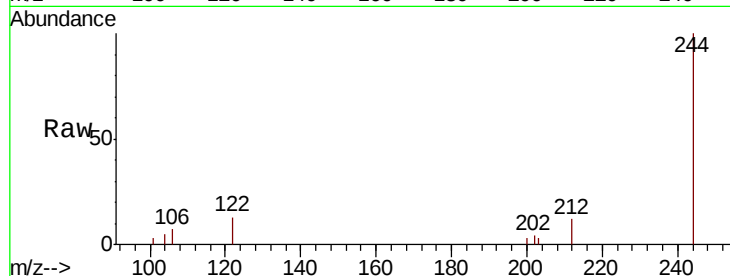
Tot Ion:244 Resp: 3153

Ion Ratio Lower Upper

244 100

212 11.5 8.0 12.0

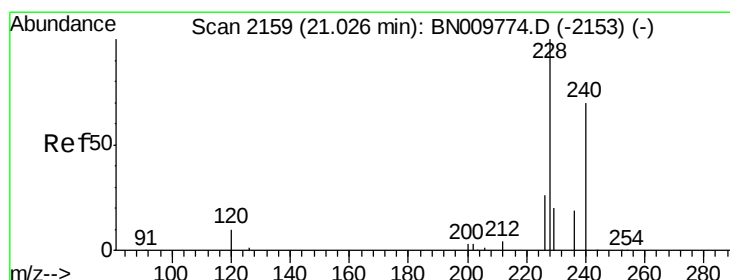
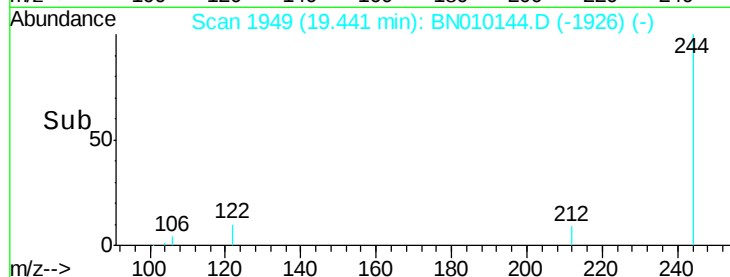
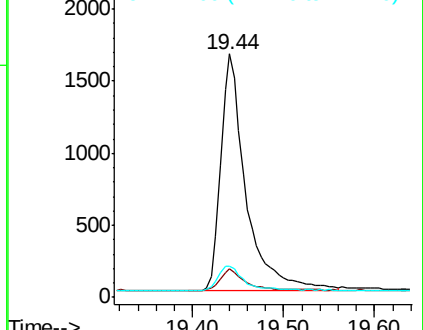
122 12.5 10.0 15.0



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: 0.342 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.03 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

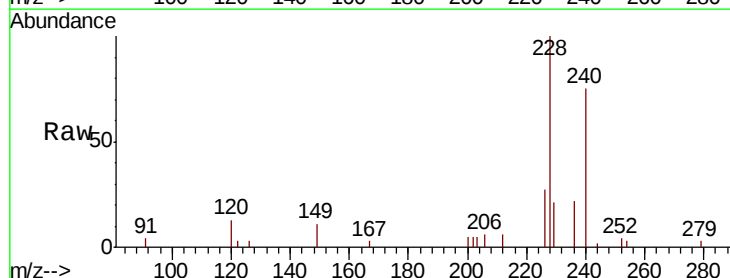
Tgt Ion:228 Resp: 4105

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

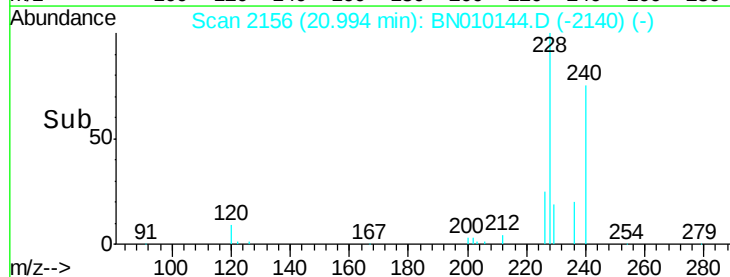
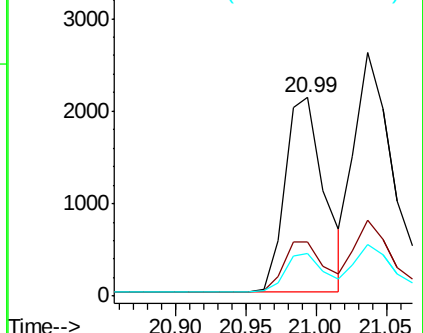
229 21.2 17.1 25.7

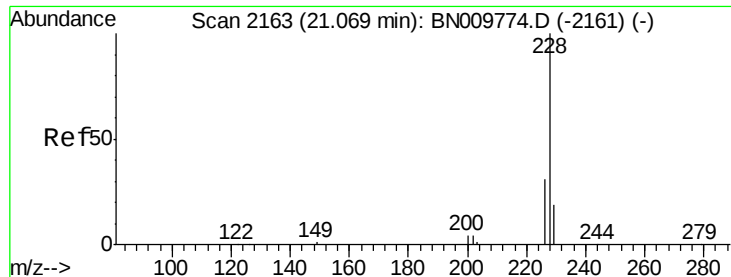


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.365 ng

RT: 21.04 min Scan# 2160

Delta R.T. -0.03 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

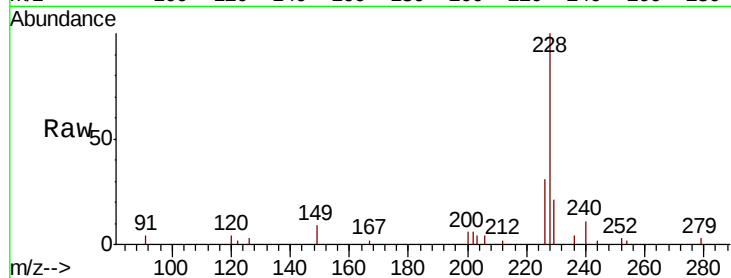
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 5071

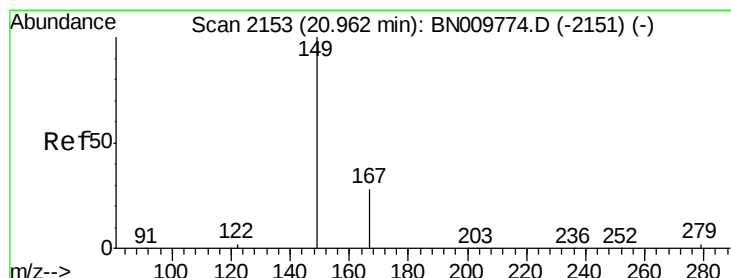
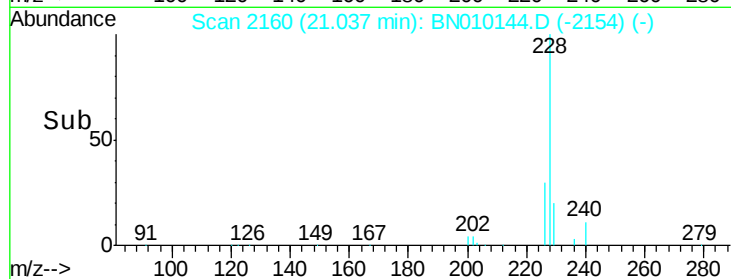
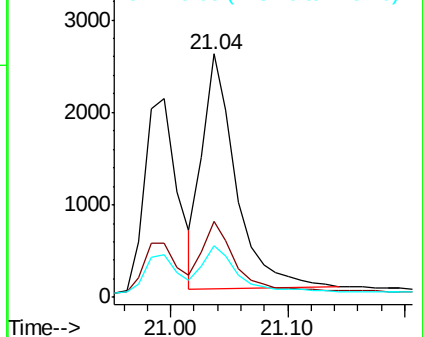
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	21.1	16.4	24.6



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: 0.363 ng

RT: 20.92 min Scan# 2149

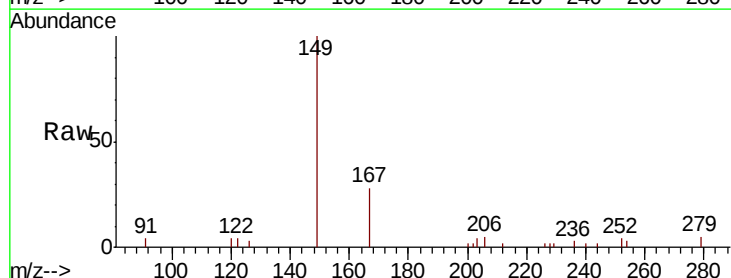
Delta R.T. -0.04 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

Tgt Ion:149 Resp: 2125

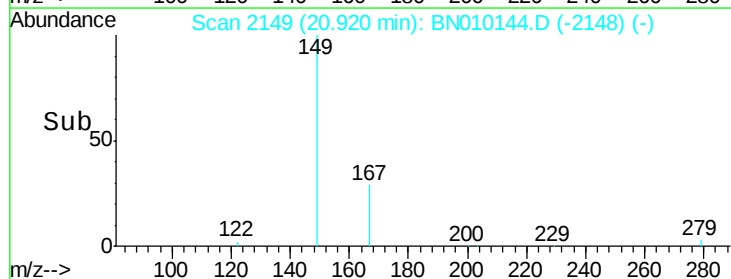
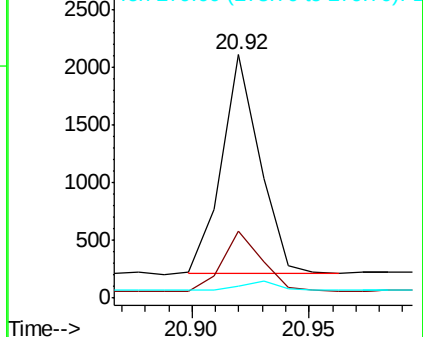
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.7	34.1
279	4.7	3.1	4.7#

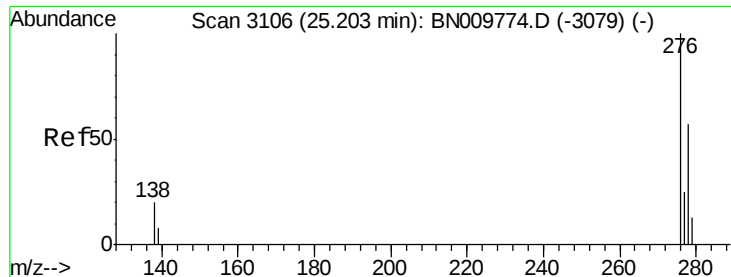


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

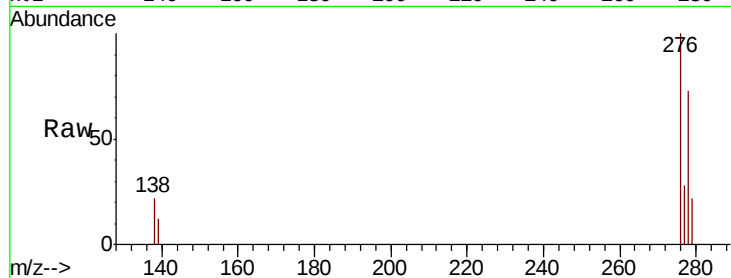




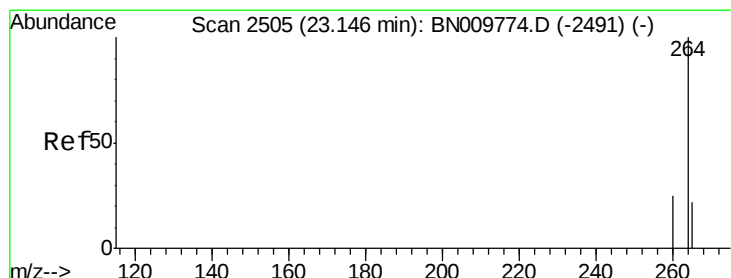
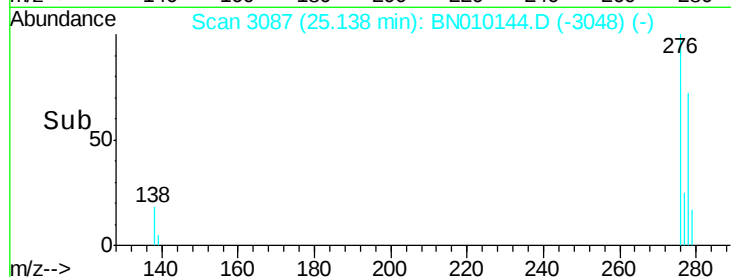
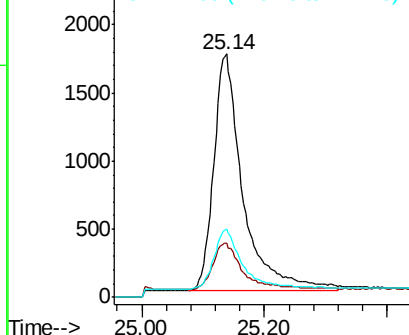
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.396 ng
 RT: 25.14 min Scan# 3087
 Delta R.T. -0.07 min
 Lab File: BN010144.D
 Acq: 09 Mar 2020 12:03

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 5731
 Ion Ratio Lower Upper
 276 100
 138 18.7 15.8 23.6
 277 23.1 19.3 28.9

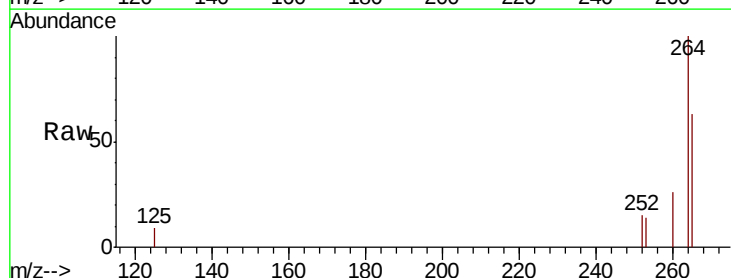


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

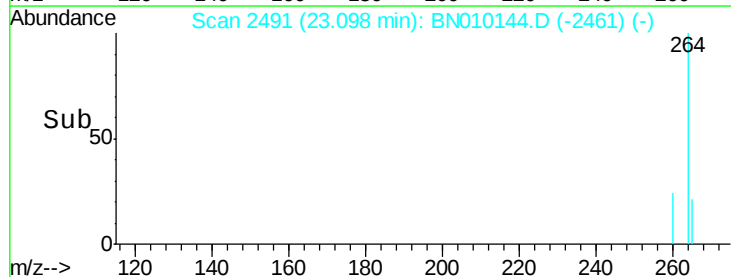
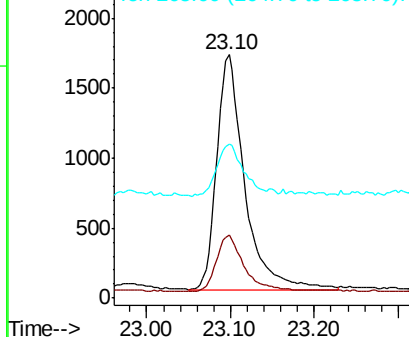


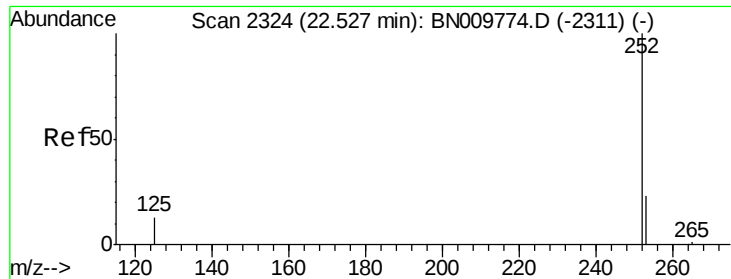
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2491
 Delta R.T. -0.05 min
 Lab File: BN010144.D
 Acq: 09 Mar 2020 12:03

Tgt Ion:264 Resp: 3867
 Ion Ratio Lower Upper
 264 100
 260 25.9 21.1 31.7
 265 63.3 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: 0.359 ng

RT: 22.49 min Scan# 2312

Delta R.T. -0.04 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

Instrument :

BNA_N

ClientSampleId :

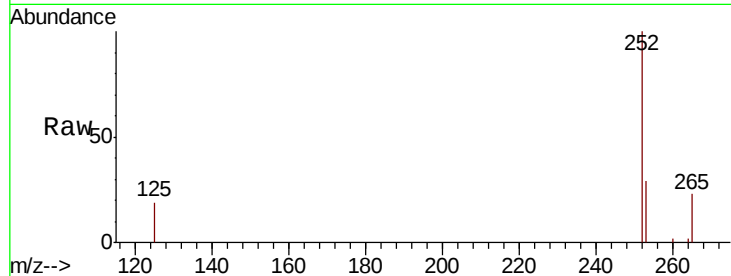
Tot Ion:252 Resp: 5074

Ion Ratio Lower Upper

252 100

253 29.1 23.0 34.6

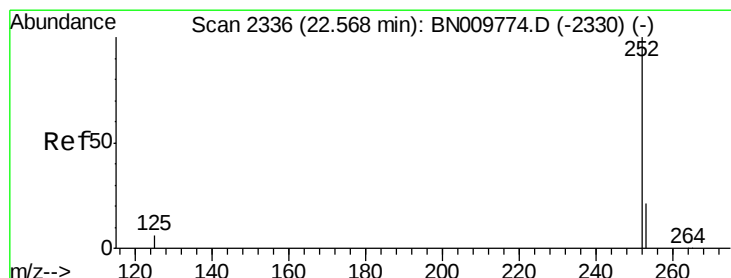
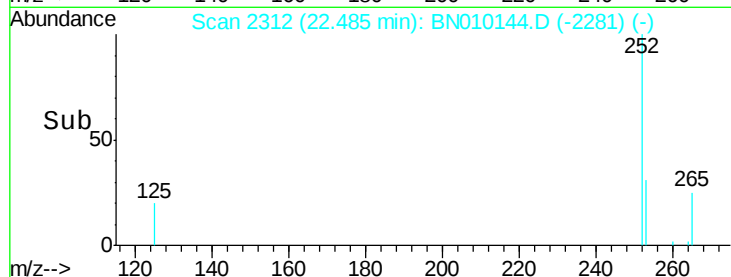
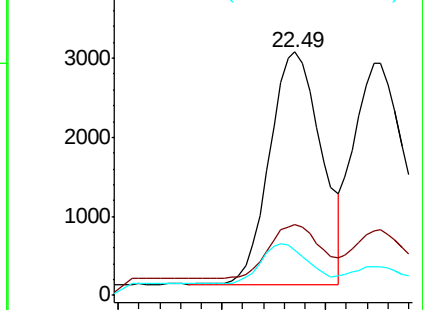
125 18.8 14.4 21.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.364 ng

RT: 22.52 min Scan# 2323

Delta R.T. -0.04 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

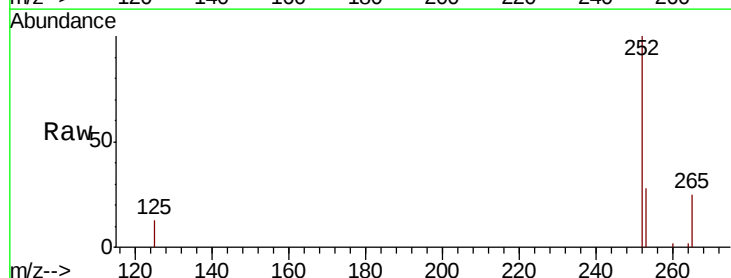
Tgt Ion:252 Resp: 5602

Ion Ratio Lower Upper

252 100

253 27.7 22.2 33.2

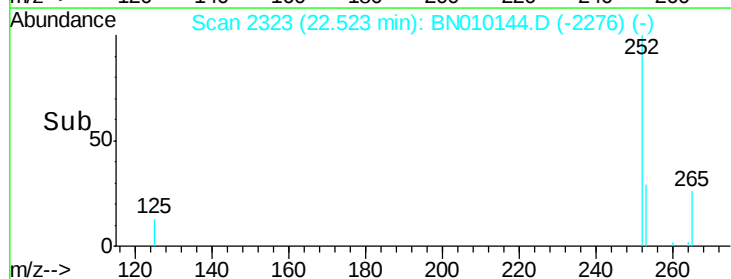
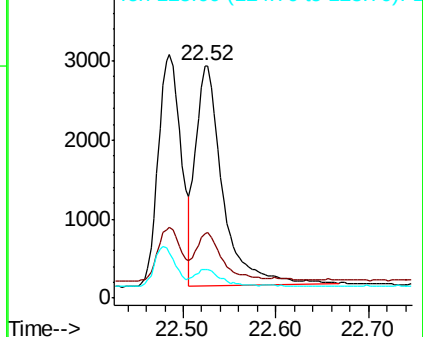
125 12.5 10.5 15.7

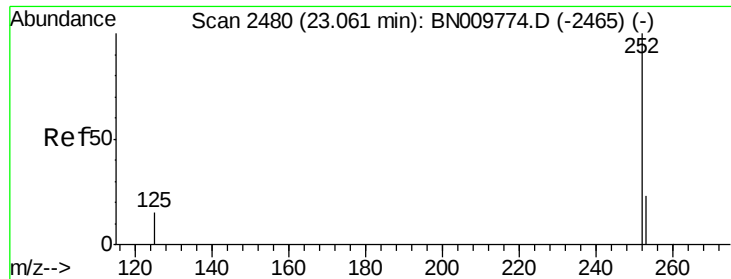


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.370 ng

RT: 23.01 min Scan# 2466

Delta R.T. -0.05 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

Instrument :

BNA_N

ClientSampled :

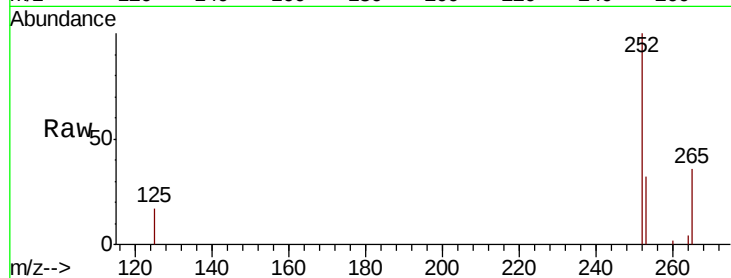
Tot Ion:252 Resp: 4774

Ion Ratio Lower Upper

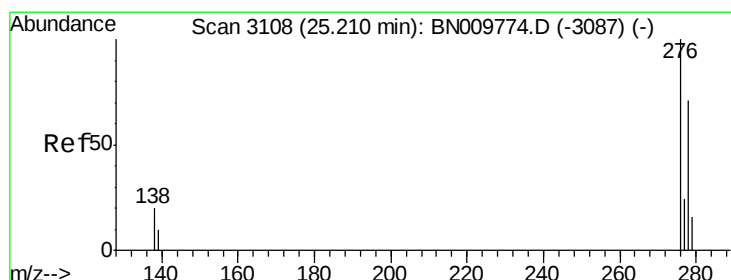
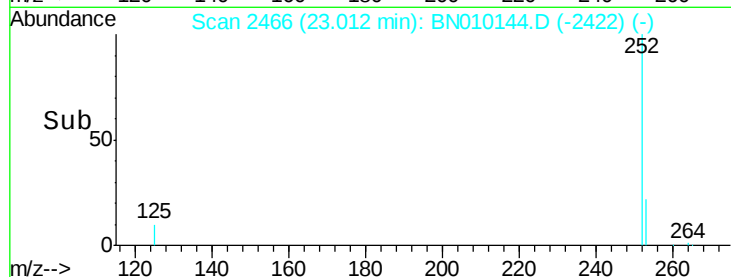
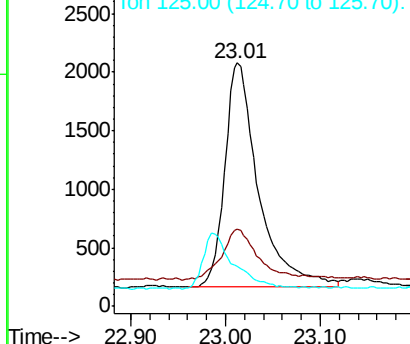
252 100

253 31.7 25.3 37.9

125 16.6 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: 0.345 ng

RT: 25.14 min Scan# 3087

Delta R.T. -0.07 min

Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

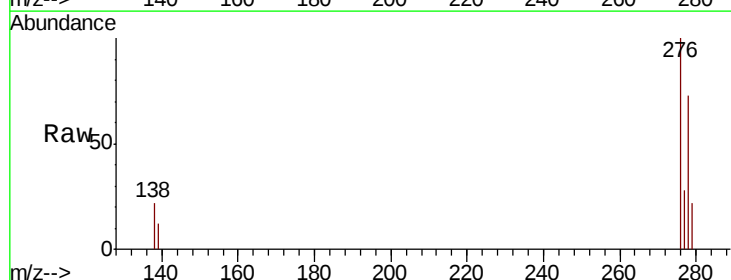
Tgt Ion:278 Resp: 4382

Ion Ratio Lower Upper

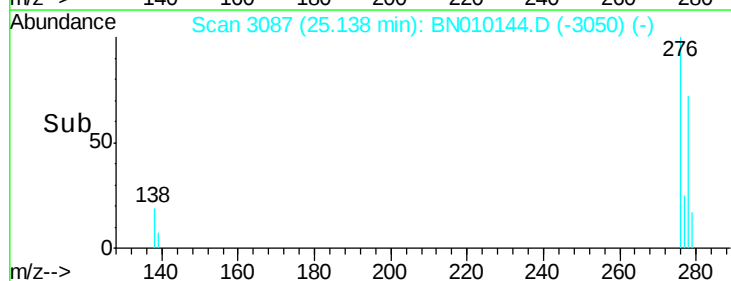
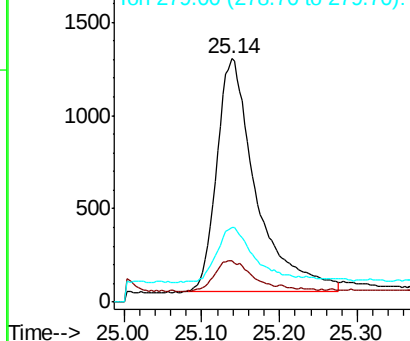
278 100

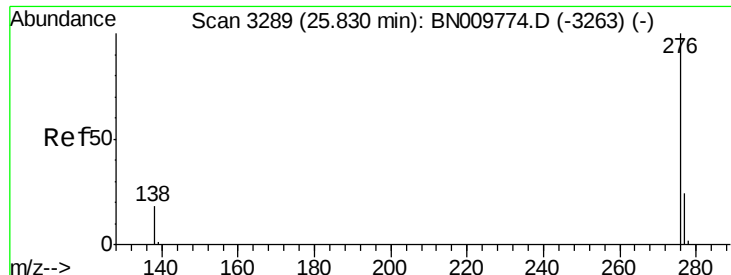
139 16.9 14.5 21.7

279 30.6 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: 0.370 ng

RT: 25.76 min Scan# 3268

Delta R.T. -0.07 min

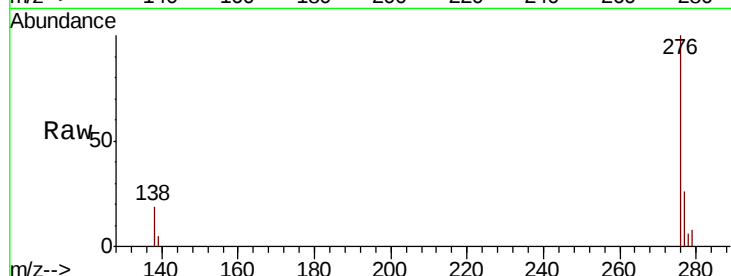
Lab File: BN010144.D

Acq: 09 Mar 2020 12:03

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 5005

Ion Ratio Lower Upper

276 100

277 26.3 21.4 32.0

138 19.3 16.6 24.8

Abundance Ion 276.00 (275.70 to 276.70): E
 2000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

