

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010172.D
 Acq On : 10 Mar 2020 22:28
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Mar 11 03:23:29 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	7.37	152	709	0.40	ng	-0.05
7) Naphthalene-d8	10.13	136	2437	0.40	ng	-0.05
13) Acenaphthene-d10	14.00	164	1545	0.40	ng	-0.06
19) Phenanthrene-d10	16.78	188	3268	0.40	ng	-0.03
27) Chrysene-d12	20.99	240	3278	0.40	ng	-0.04
34) Perylene-d12	23.10	264	3424	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	764	0.48	ng	-0.05
5) Phenol-d6	6.62	99	827	0.43	ng	-0.02
8) Nitrobenzene-d5	8.58	82	808	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.74	152	1939	0.41	ng	-0.04
14) 2,4,6-Tribromophenol	15.55	330	257	0.43	ng	-0.03
15) 2-Fluorobiphenyl	12.64	172	2307	0.40	ng	-0.04
25) Fluoranthene-d10	18.82	212	4564	0.40	ng	-0.04
29) Terphenyl-d14	19.44	244	2958	0.38	ng	-0.04

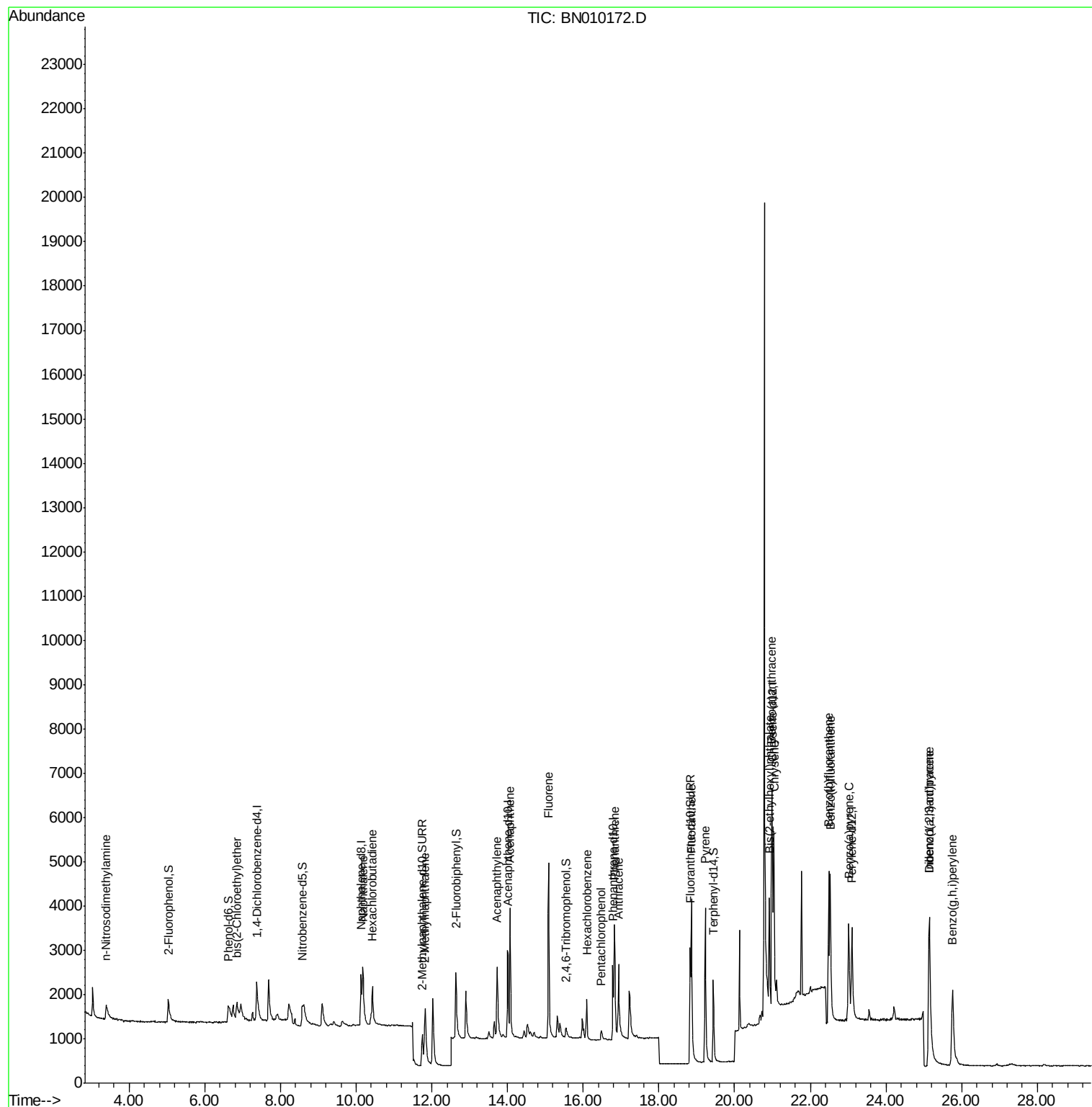
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.39	42	688	0.577	ng	# 95
6) bis(2-Chloroethyl)ether	6.84	93	791	0.424	ng	90
9) Naphthalene	10.18	128	2754	0.414	ng	96
10) Hexachlorobutadiene	10.43	225	648	0.443	ng	# 94
12) 2-Methylnaphthalene	11.82	142	1861	0.408	ng	98
16) Acenaphthylene	13.72	152	2617	0.397	ng	99
17) Acenaphthene	14.07	154	1869	0.404	ng	99
18) Fluorene	15.08	166	2341	0.383	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	246	Below Cal		94
21) Hexachlorobenzene	16.09	284	859	0.422	ng	97
22) Pentachlorophenol	16.48	266	202	0.475	ng	97
23) Phenanthrene	16.83	178	3740	0.385	ng	100
24) Anthracene	16.93	178	3191	0.388	ng	99
26) Fluoranthene	18.85	202	4609	0.396	ng	99
28) Pyrene	19.22	202	4692	0.377	ng	100
30) Benzo(a)anthracene	20.98	228	3921	0.360	ng	99
31) Chrysene	21.04	228	5123	0.407	ng	98
32) Bis(2-ethylhexyl)phthalate	20.92	149	2652	0.500	ng	94
33) Indeno(1,2,3-cd)pyrene	25.14	276	5373	0.410	ng	97
35) Benzo(b)fluoranthene	22.49	252	4595	0.367	ng	# 96
36) Benzo(k)fluoranthene	22.53	252	5423	0.398	ng	99
37) Benzo(a)pyrene	23.02	252	4429	0.388	ng	# 95
38) Dibenzo(a,h)anthracene	25.15	278	4268	0.380	ng	97
39) Benzo(g,h,i)perylene	25.76	276	4780	0.399	ng	99

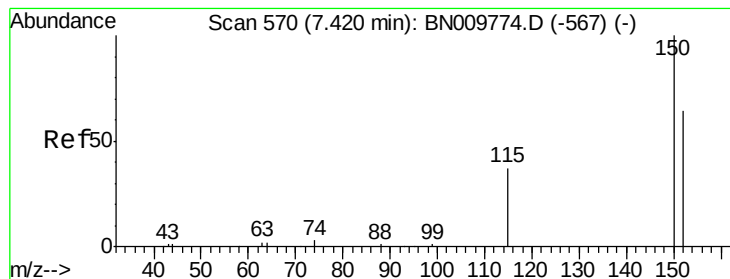
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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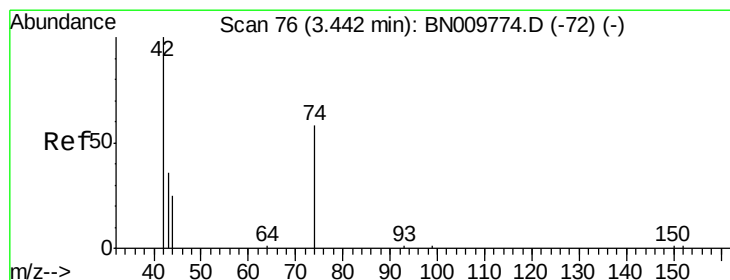
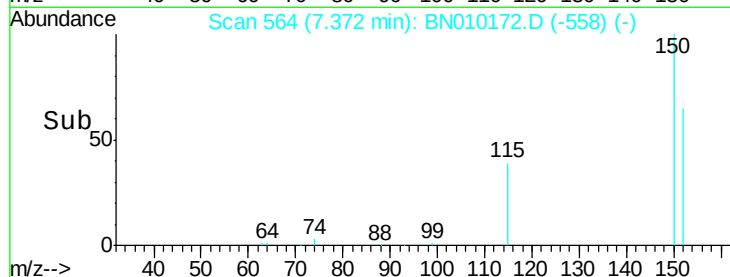
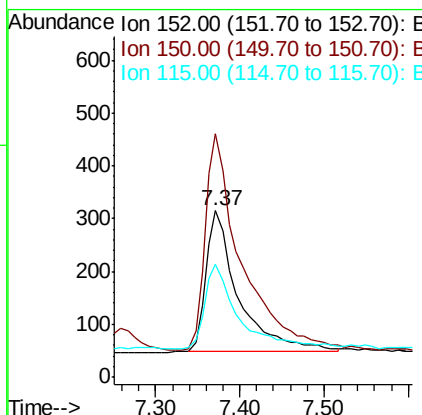
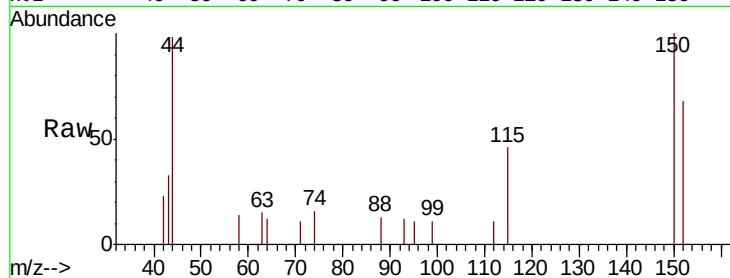


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

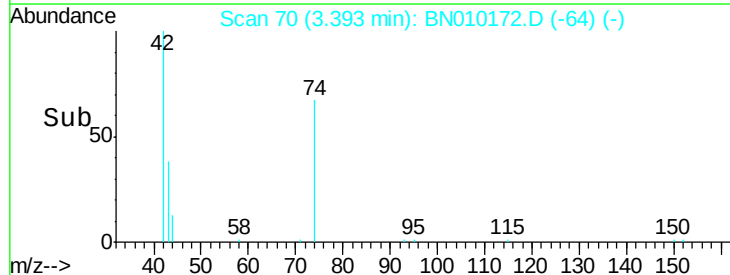
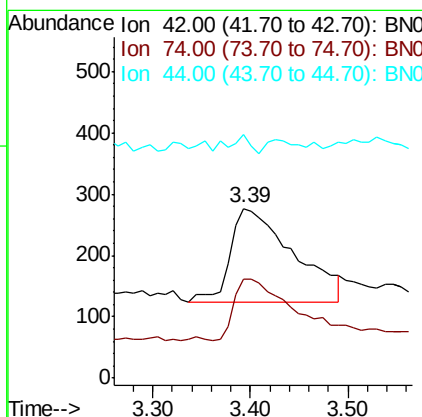
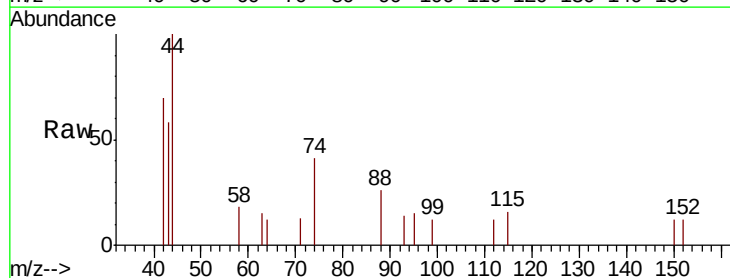
Tot Ion:152 Resp: 709
Ion Ratio Lower Upper
152 100
150 146.3 120.6 181.0
115 67.6 51.2 76.8

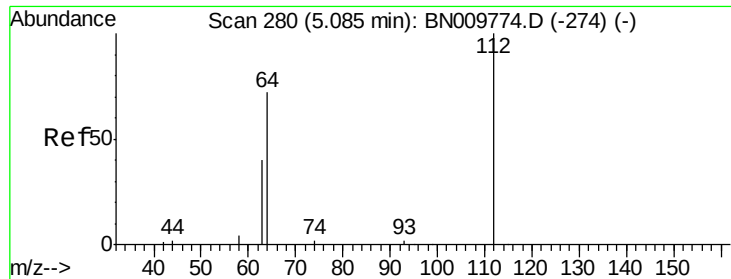


#3

n-Nitrosodimethylamine
Concen: 0.577 ng
RT: 3.39 min Scan# 70
Delta R.T. -0.05 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion: 42 Resp: 688
Ion Ratio Lower Upper
42 100
74 60.0 51.2 76.8
44 6.0 2.6 4.0#





#4

2-Fluorophenol

Concen: 0.485 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.05 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

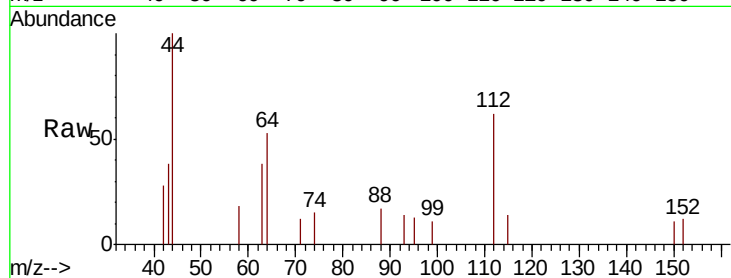
Tot Ion:112 Resp: 764

Ion Ratio Lower Upper

112 100

64 75.5 65.8 98.6

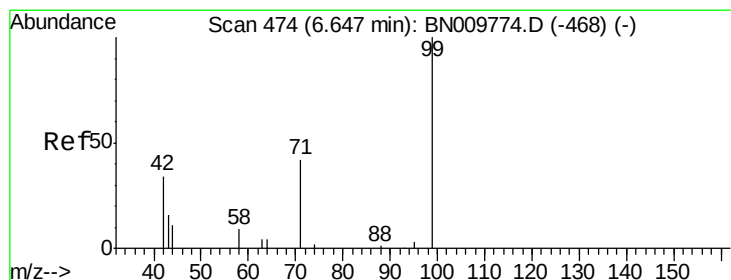
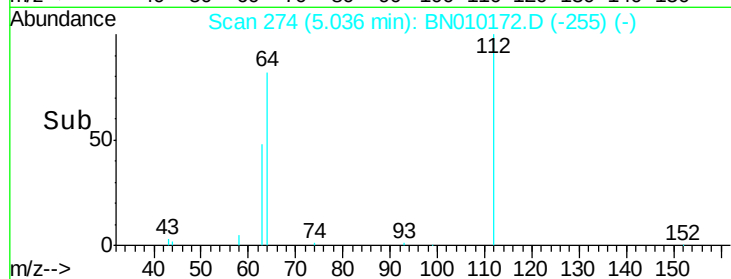
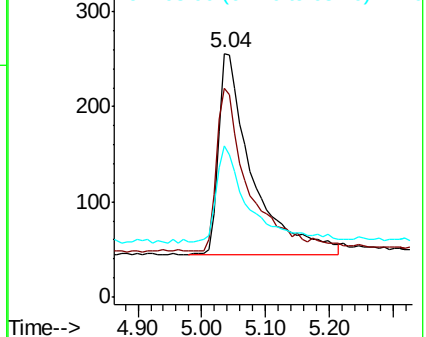
63 45.5 38.7 58.1



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: 0.431 ng

RT: 6.62 min Scan# 471

Delta R.T. -0.02 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

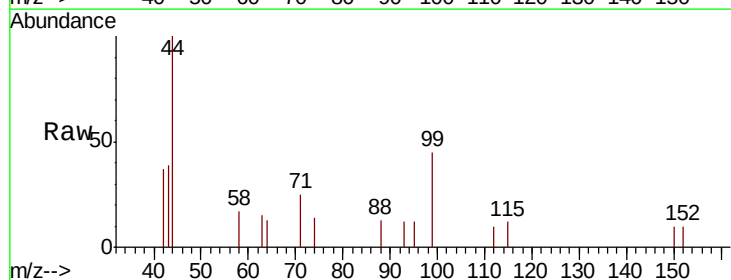
Tgt Ion: 99 Resp: 827

Ion Ratio Lower Upper

99 100

42 37.4 30.8 46.2

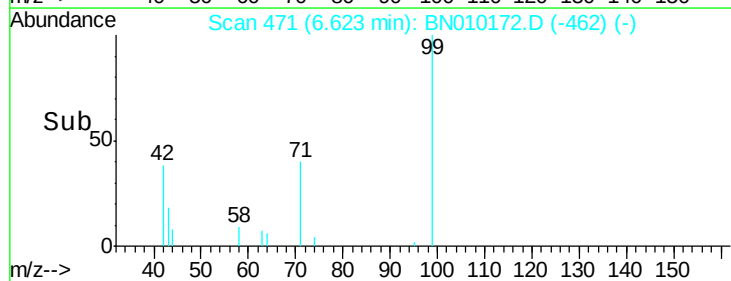
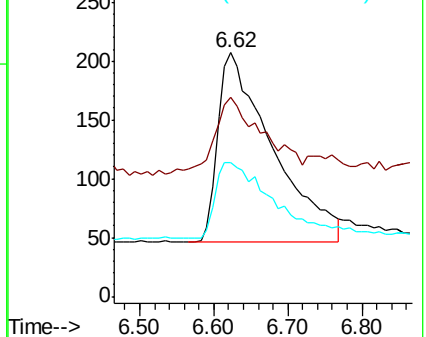
71 42.1 34.9 52.3

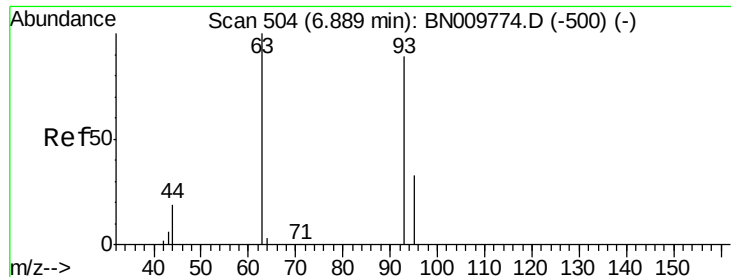


Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0





#6

bis(2-Chloroethyl)ether

Concen: 0.424 ng

RT: 6.84 min Scan# 498

Delta R.T. -0.05 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

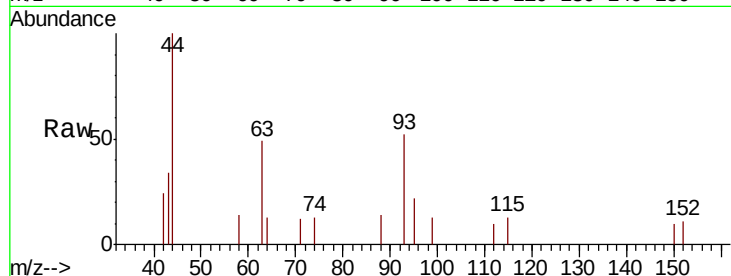
Tot Ion: 93 Resp: 791

Ion Ratio Lower Upper

93 100

63 79.6 74.0 111.0

95 32.4 26.7 40.1

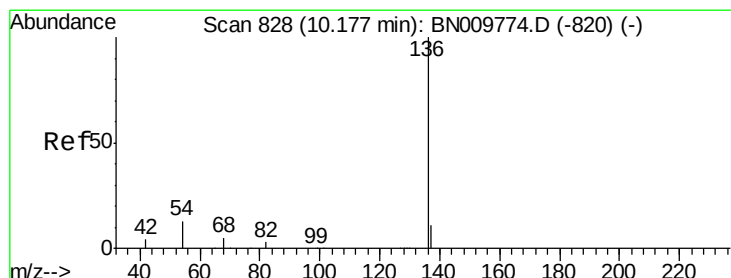
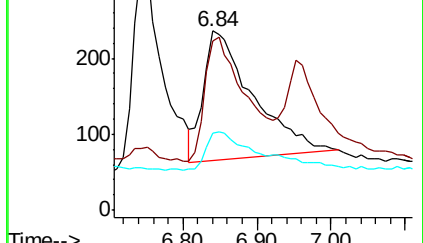
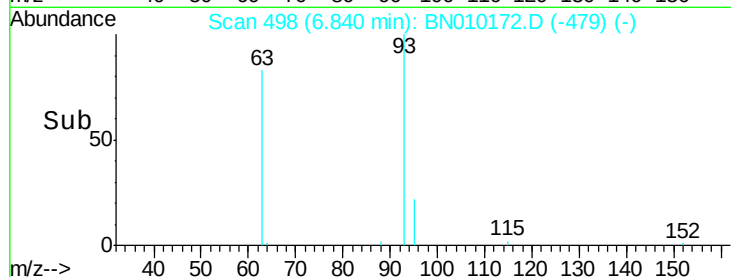


Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN009774.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN009774.D (-500) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 824

Delta R.T. -0.05 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Tgt Ion: 136 Resp: 2437

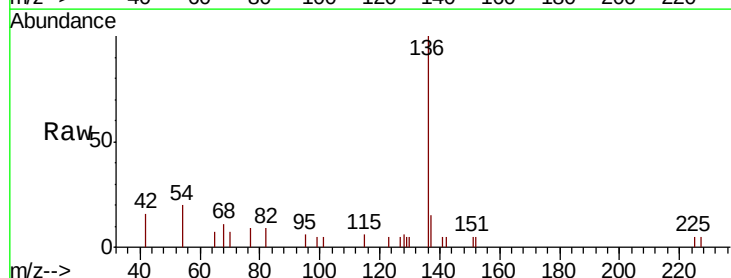
Ion Ratio Lower Upper

136 100

137 15.5 11.3 16.9

54 19.9 13.4 20.2

68 11.0 7.0 10.4#



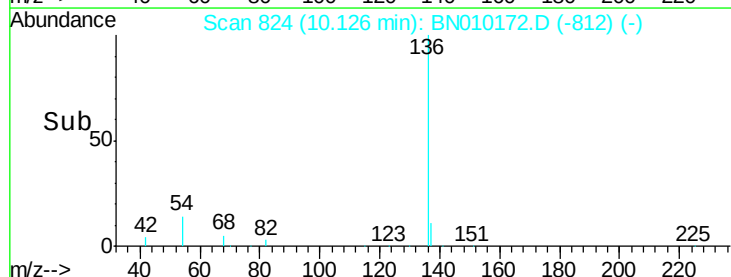
Abundance Ion 136.00 (135.70 to 136.70): BN009774.D (-820) (-)

Ion 137.00 (136.70 to 137.70): BN009774.D (-820) (-)

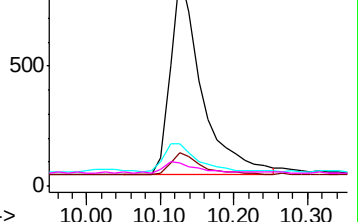
Ion 54.00 (53.70 to 54.70): BN009774.D (-820) (-)

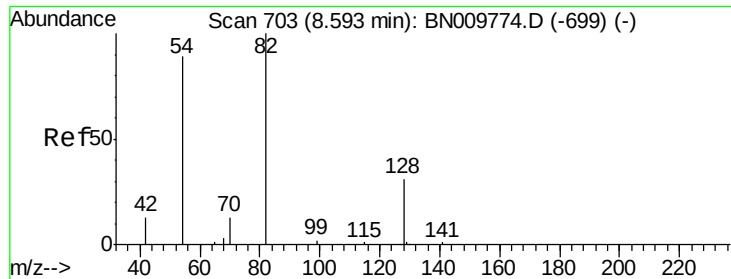
Ion 68.00 (67.70 to 68.70): BN009774.D (-820) (-)

Time-->



Time-->





#8

Nitrobenzene-d5

Concen: 0.398 ng

RT: 8.58 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

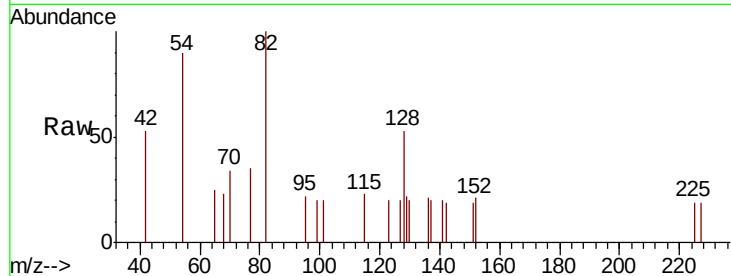
Tot Ion: 82 Resp: 808

Ion Ratio Lower Upper

82 100

128 53.1 32.5 48.7#

54 90.0 73.5 110.3

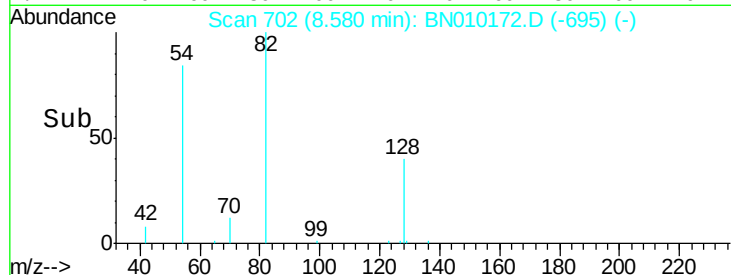


Abundance Ion 82.00 (81.70 to 82.70): BN0

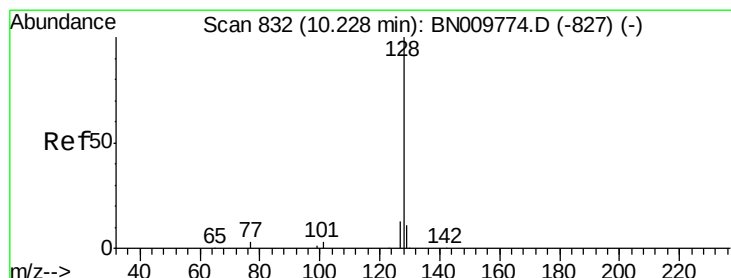
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0

Time-->



Time-->



#9

Naphthalene

Concen: 0.414 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.05 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

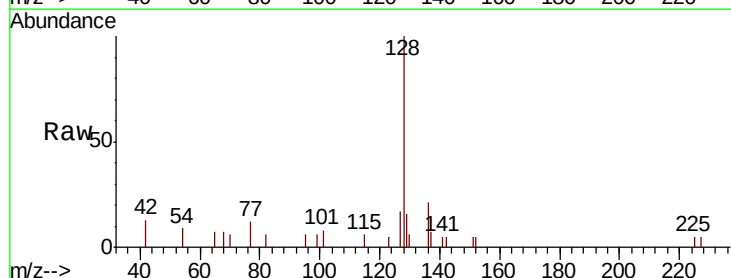
Tgt Ion: 128 Resp: 2754

Ion Ratio Lower Upper

128 100

129 16.1 11.1 16.7

127 17.1 12.6 19.0

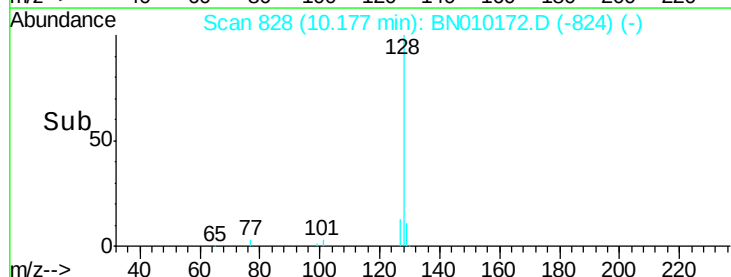


Abundance Ion 128.00 (127.70 to 128.70): E

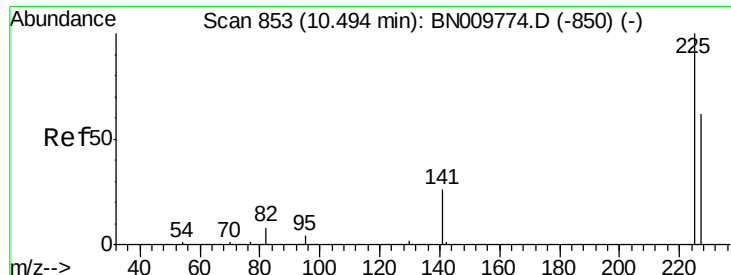
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->



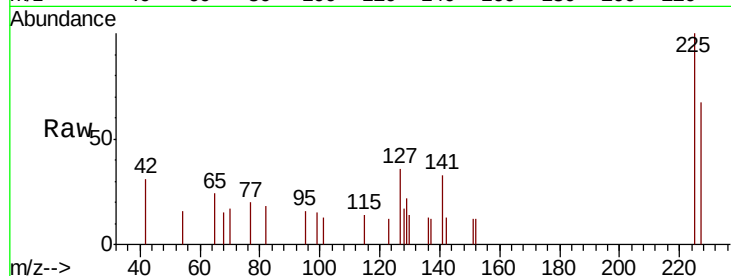
Time-->



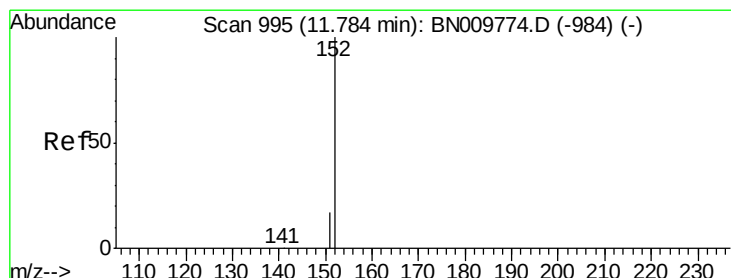
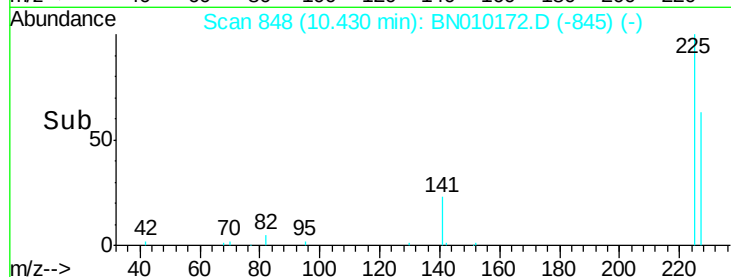
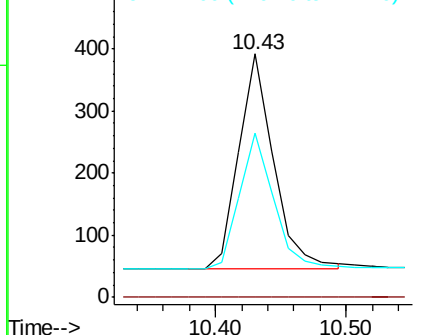
#10
Hexachlorobutadiene
Concen: 0.443 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.06 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:225 Resp: 648
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 61.9 53.4 80.2

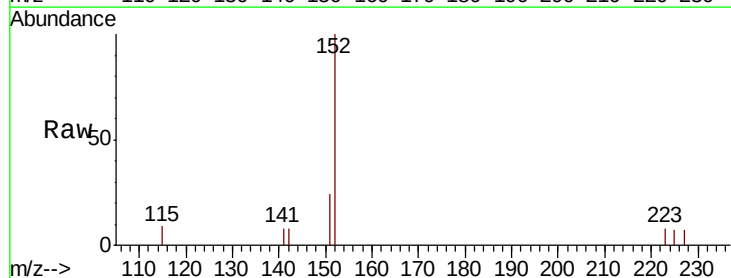


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

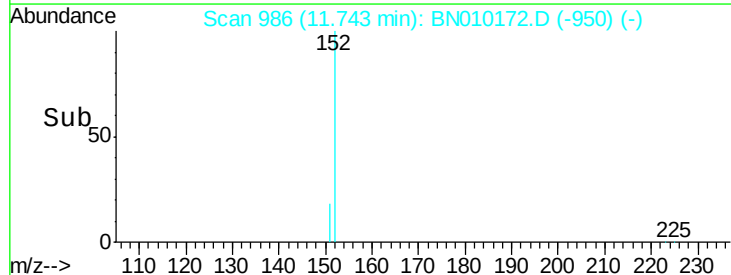
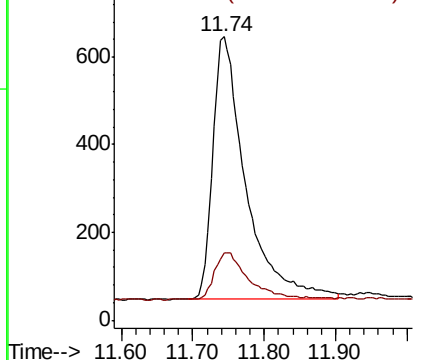


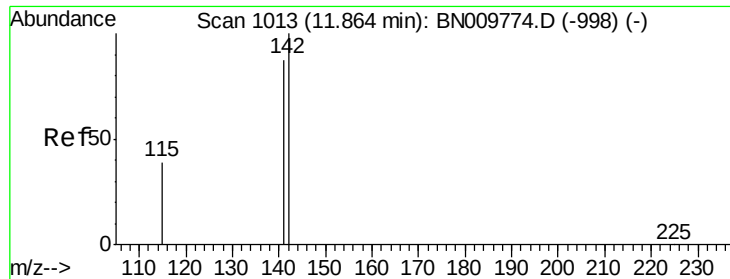
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 11.74 min Scan# 986
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:152 Resp: 1939
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: 0.408 ng

RT: 11.82 min Scan# 1004

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

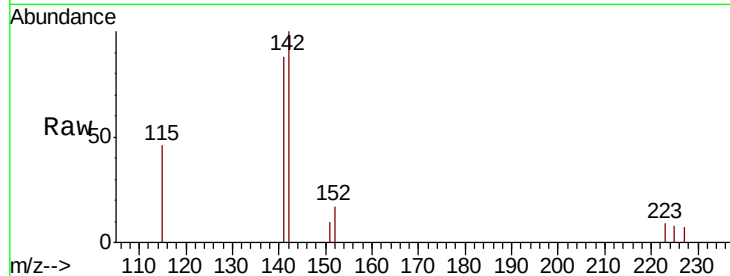
Tot Ion:142 Resp: 1861

Ion Ratio Lower Upper

142 100

141 87.9 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

11.82

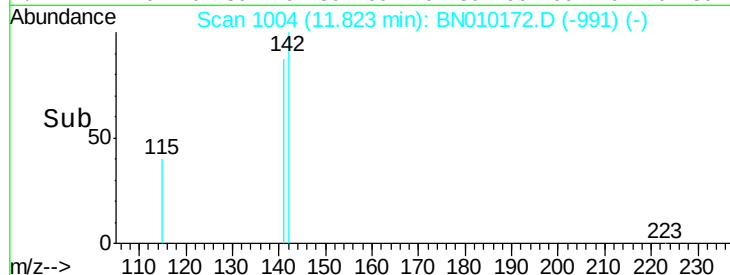
600

400

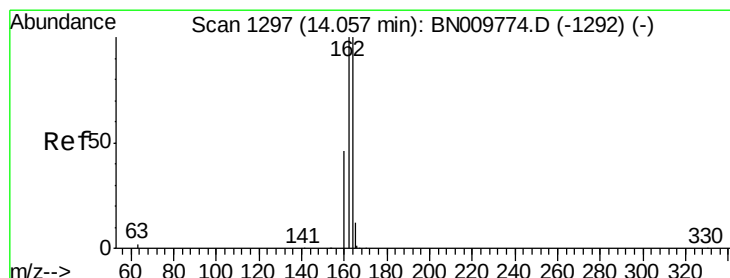
200

0

Time-->



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

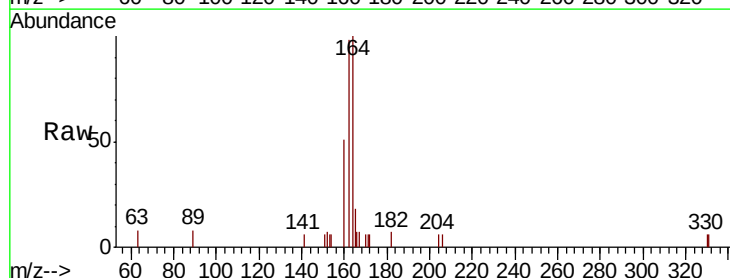
Tgt Ion:164 Resp: 1545

Ion Ratio Lower Upper

164 100

162 98.2 79.9 119.9

160 51.0 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

14.00

1000

800

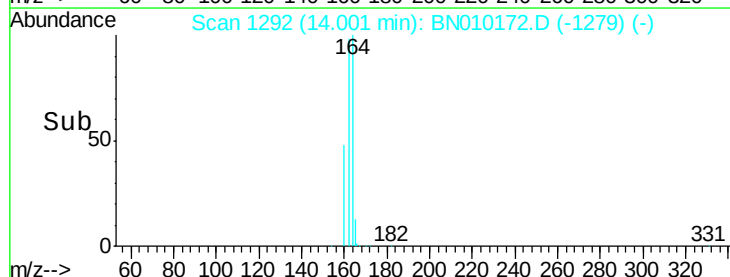
600

400

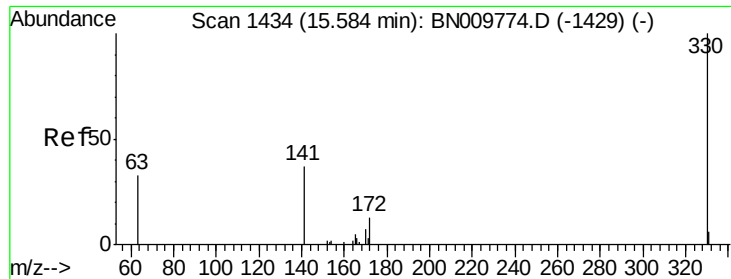
200

0

Time-->



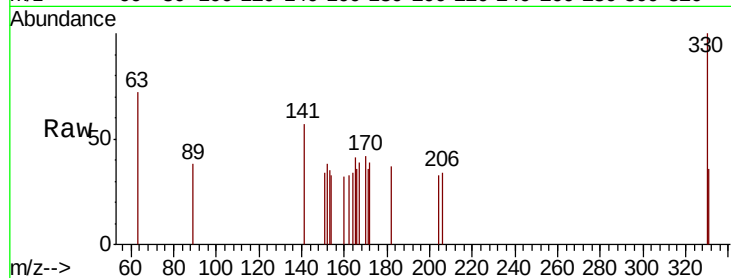
Time-->



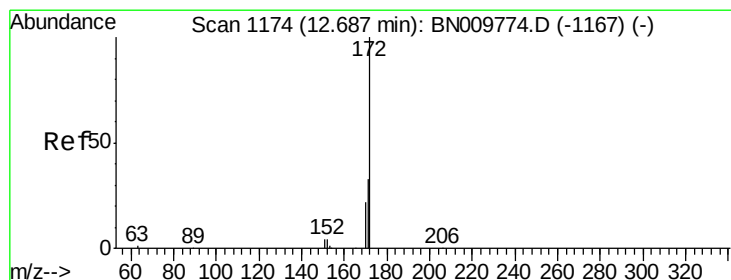
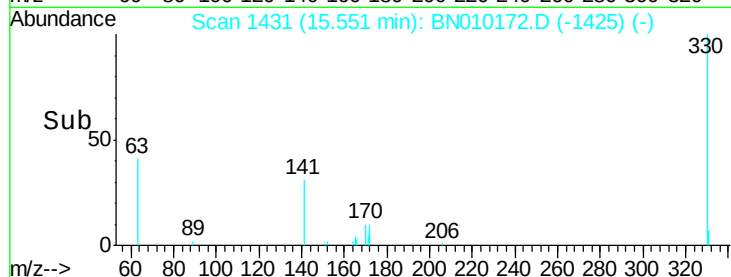
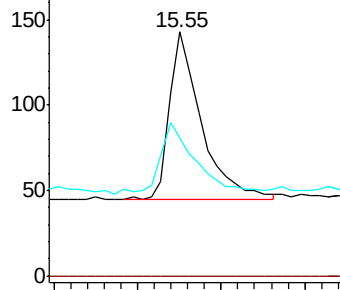
#14
2,4,6-Tribromophenol
Concen: 0.432 ng
RT: 15.55 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:330 Resp: 257
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 48.2 36.8 55.2

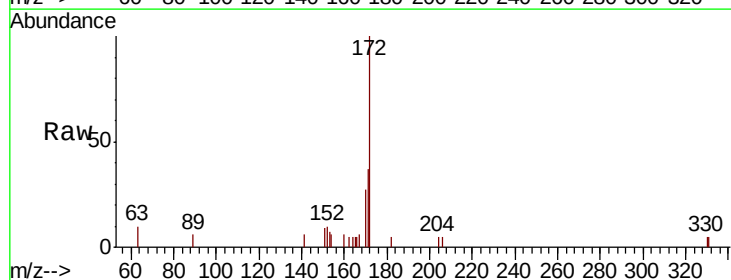


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

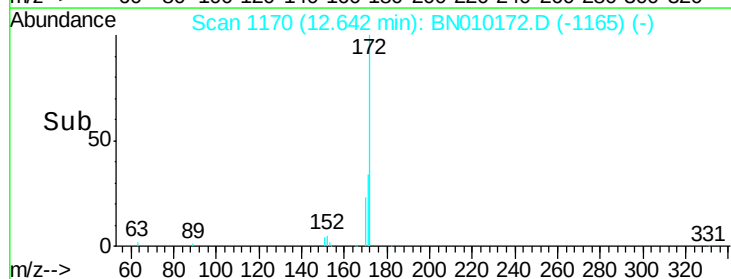
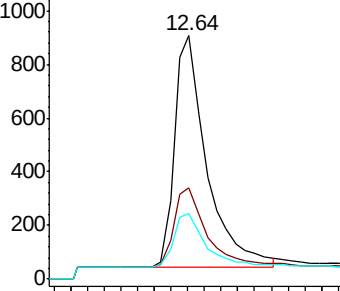


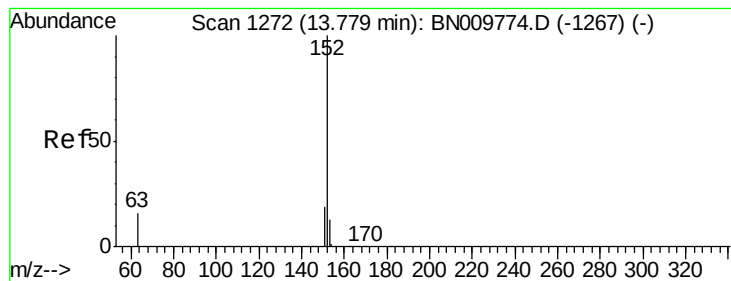
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.64 min Scan# 1170
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:172 Resp: 2307
Ion Ratio Lower Upper
172 100
171 37.4 28.7 43.1
170 26.9 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: 0.397 ng

RT: 13.72 min Scan# 1267

Delta R.T. -0.06 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

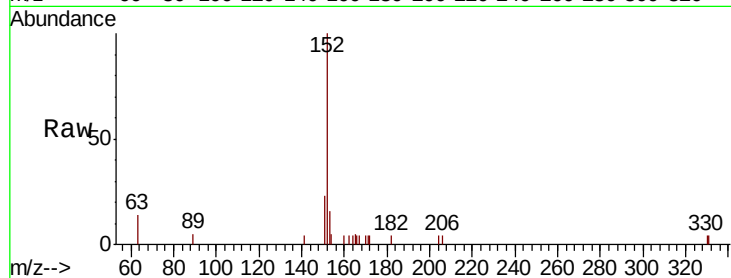
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:152 Resp: 2617

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.6
153	12.9	10.2	15.4

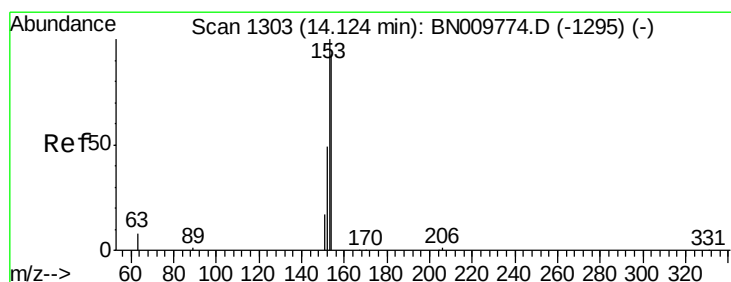
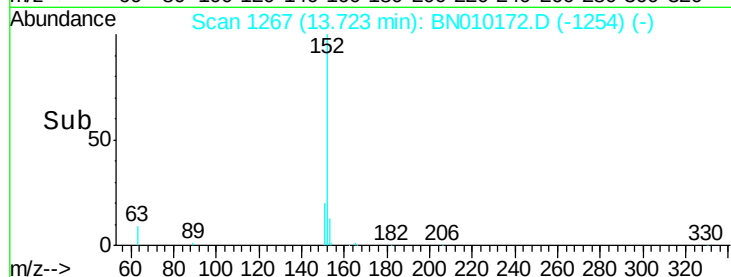
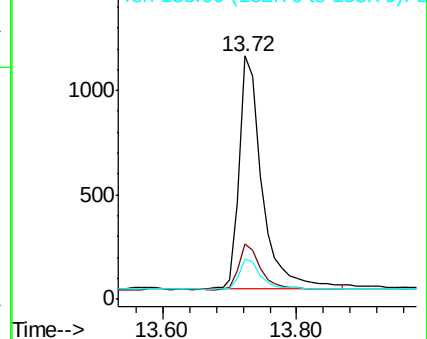


Abundance

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: 0.404 ng

RT: 14.07 min Scan# 1298

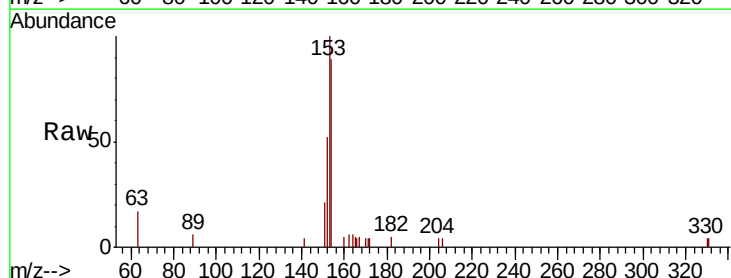
Delta R.T. -0.06 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Tgt Ion:154 Resp: 1869

Ion	Ratio	Lower	Upper
154	100		
153	112.2	88.9	133.3
152	54.3	44.2	66.2

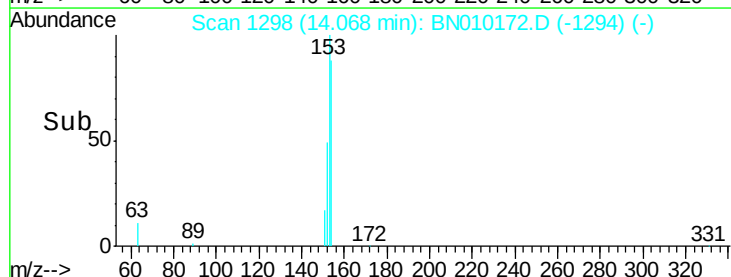
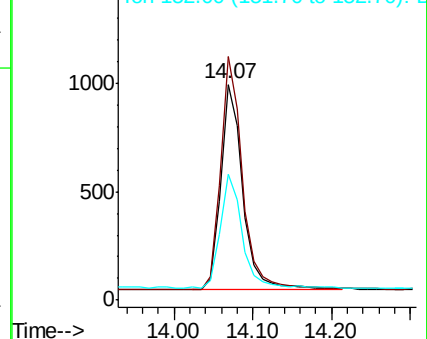


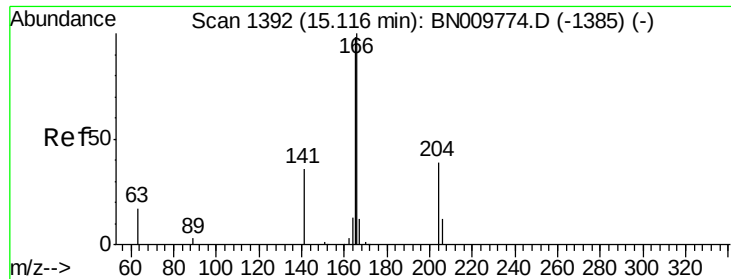
Abundance

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: 0.383 ng

RT: 15.08 min Scan# 1389

Delta R.T. -0.03 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

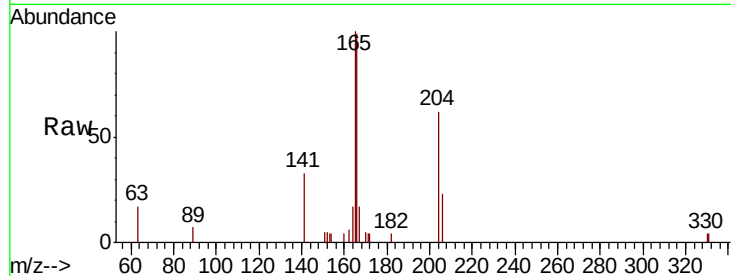
Tot Ion:166 Resp: 2341

Ion Ratio Lower Upper

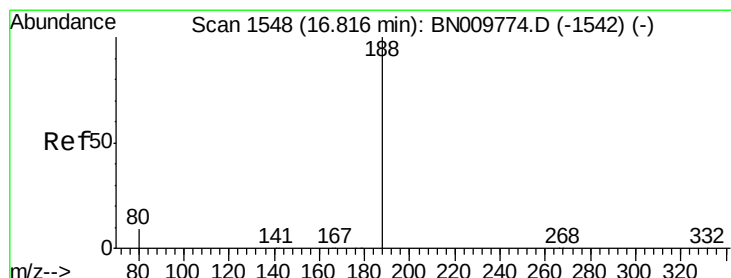
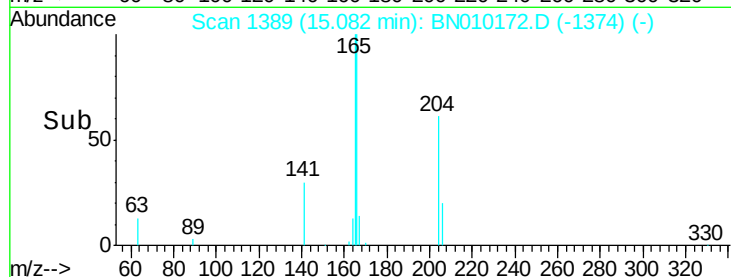
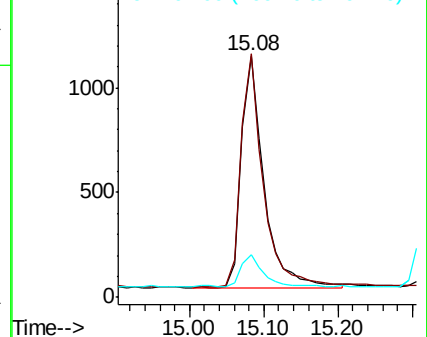
166 100

165 98.5 77.2 115.8

167 14.2 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: BN010172.D

Acq: 10 Mar 2020 22:28

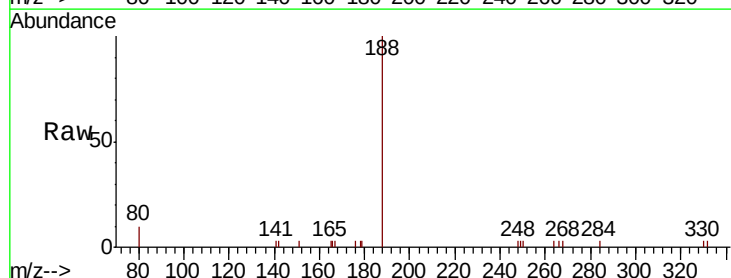
Tgt Ion:188 Resp: 3268

Ion Ratio Lower Upper

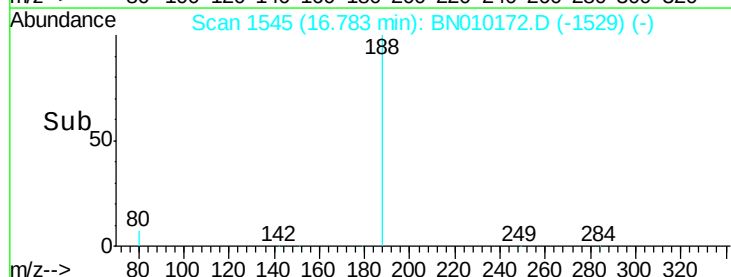
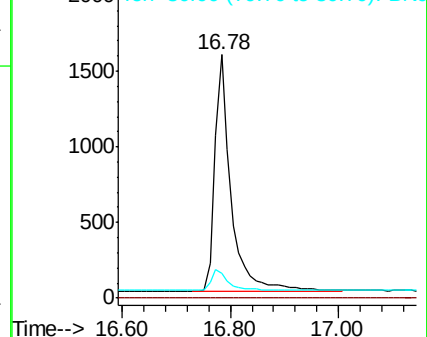
188 100

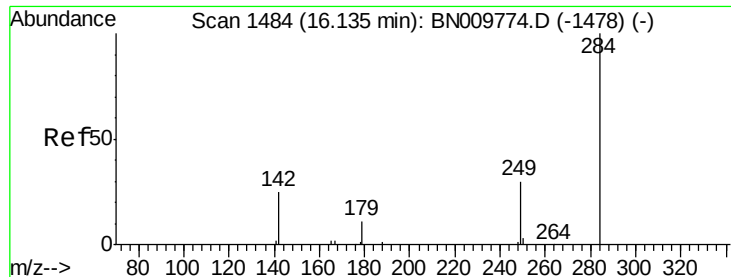
94 0.0 0.0 0.0

80 10.3 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: 0.422 ng

RT: 16.09 min Scan# 1480

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

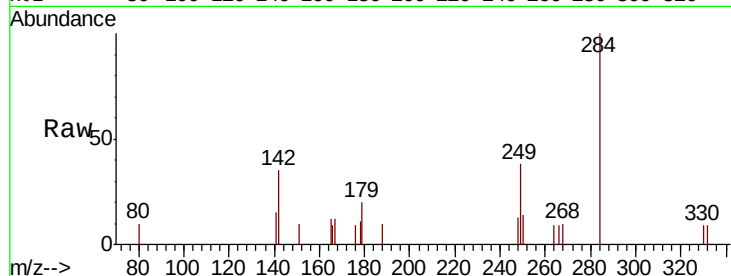
Tot Ion:284 Resp: 859

Ion Ratio Lower Upper

284 100

142 39.2 33.3 49.9

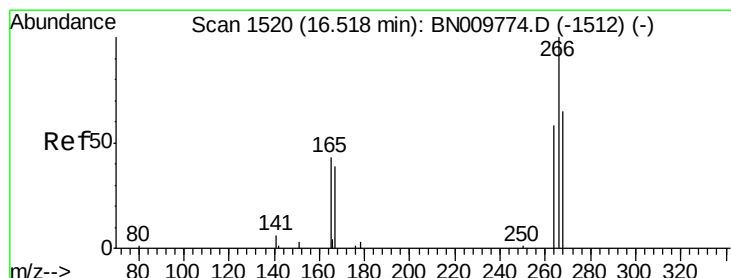
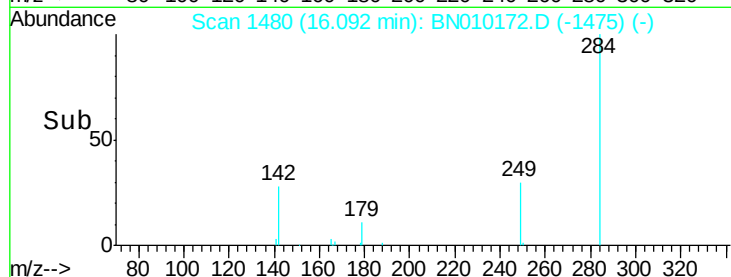
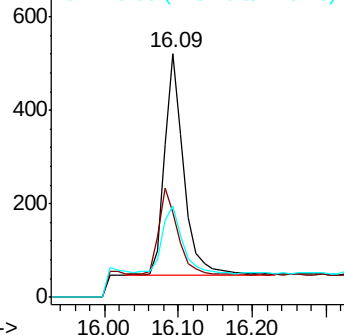
249 32.7 25.7 38.5



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: 0.475 ng

RT: 16.48 min Scan# 1516

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

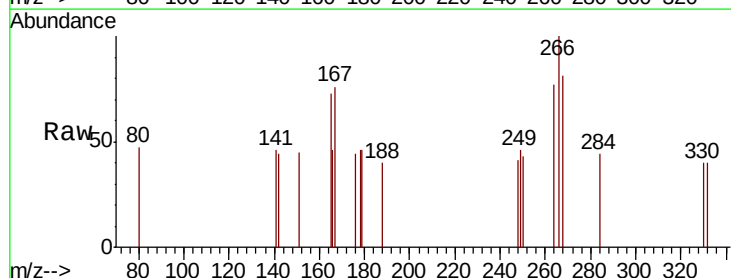
Tgt Ion:266 Resp: 202

Ion Ratio Lower Upper

266 100

264 76.8 58.1 87.1

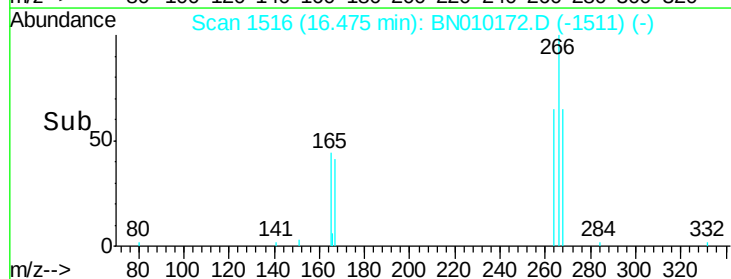
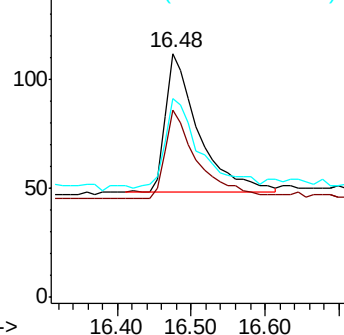
268 81.3 65.7 98.5

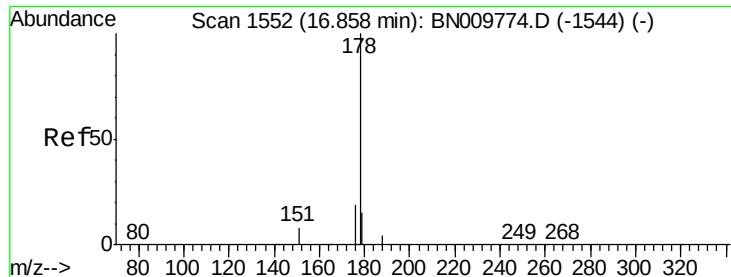


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.385 ng

RT: 16.83 min Scan# 1549

Delta R.T. -0.03 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

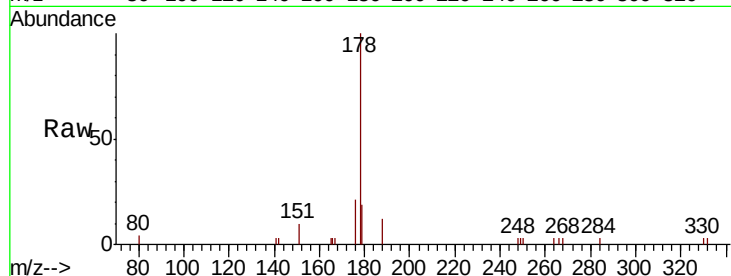
Tot Ion:178 Resp: 3740

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

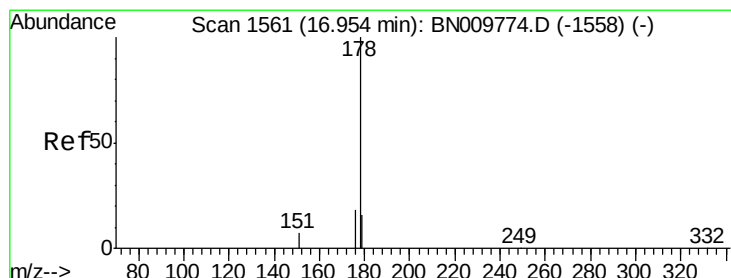
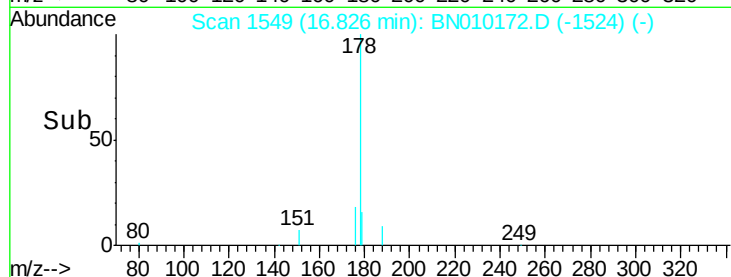
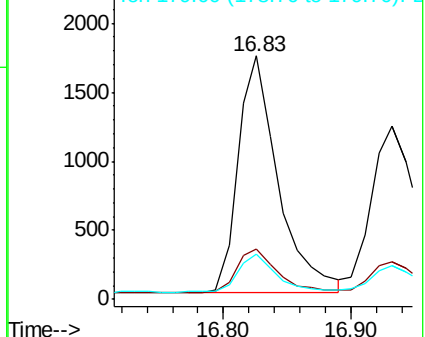
179 15.3 12.4 18.6



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: 0.388 ng

RT: 16.93 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

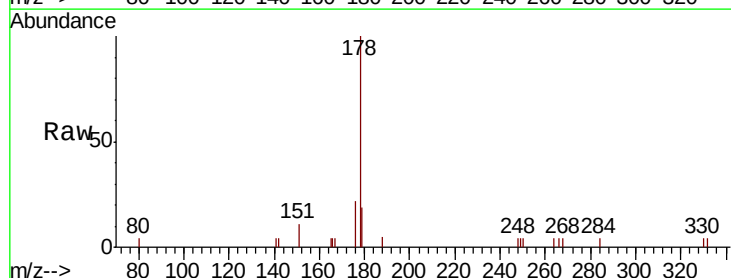
Tgt Ion:178 Resp: 3191

Ion Ratio Lower Upper

178 100

176 18.5 14.3 21.5

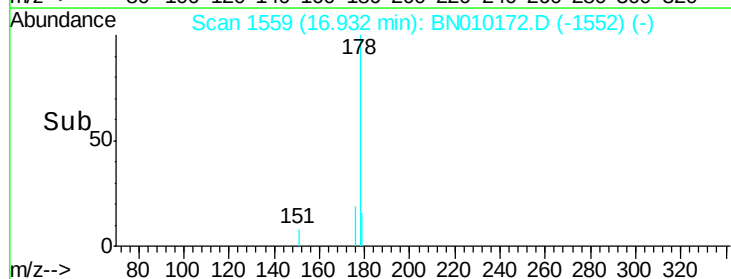
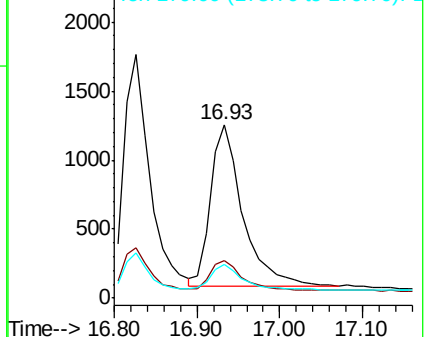
179 16.1 12.4 18.6

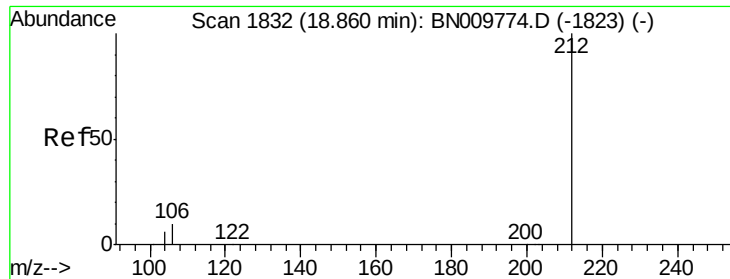


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.404 ng

RT: 18.82 min Scan# 1825

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

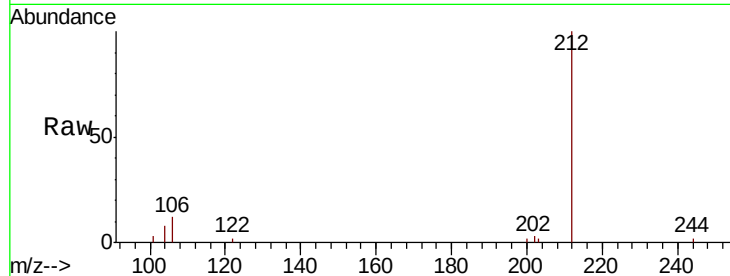
Tot Ion:212 Resp: 4564

Ion Ratio Lower Upper

212 100

106 10.4 8.4 12.6

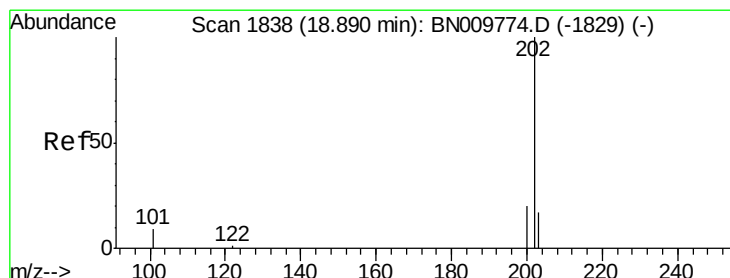
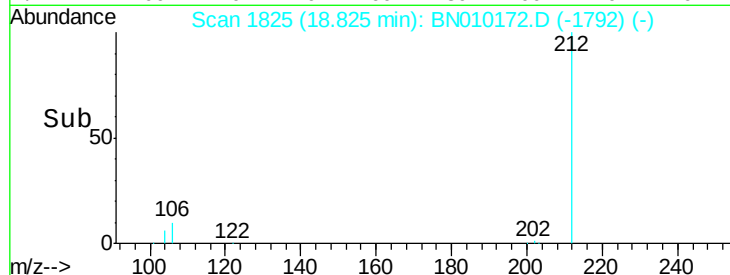
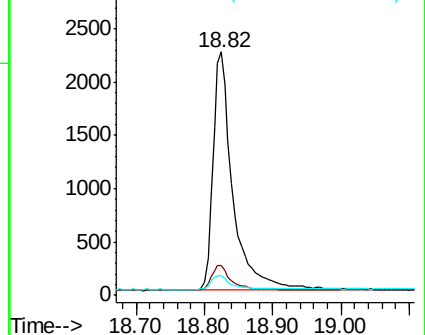
104 6.2 4.8 7.2



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: 0.396 ng

RT: 18.85 min Scan# 1831

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

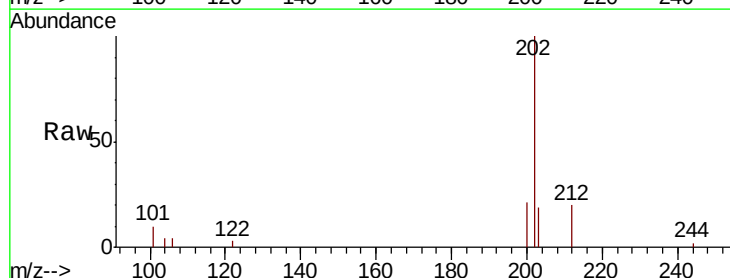
Tgt Ion:202 Resp: 4609

Ion Ratio Lower Upper

202 100

101 8.3 7.1 10.7

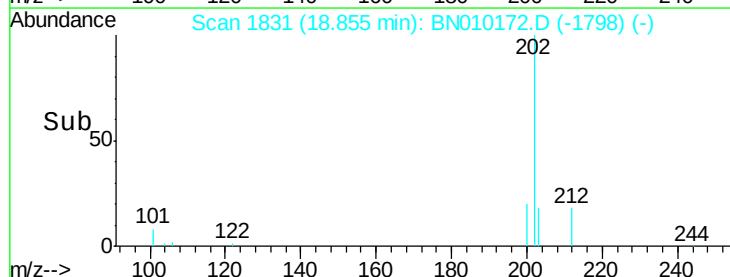
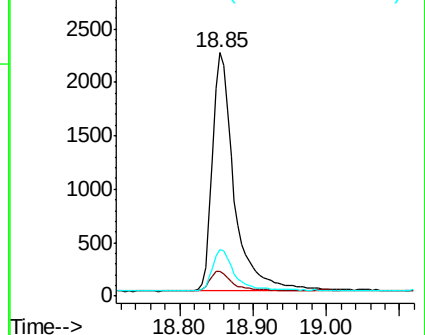
203 16.7 13.8 20.6

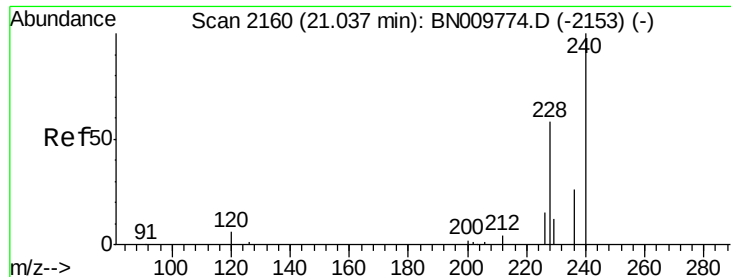


Abundance Ion 202.00 (201.70 to 202.70): E

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: 20.99 min Scan# 2156

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

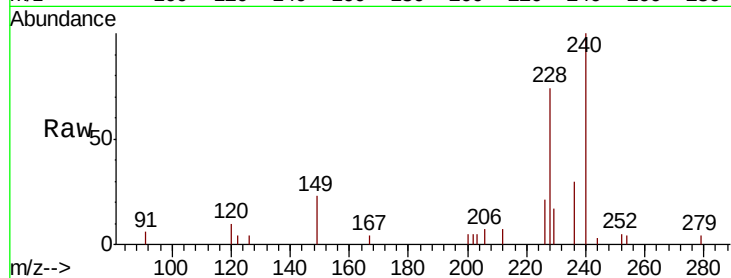
Tot Ion:240 Resp: 3278

Ion Ratio Lower Upper

240 100

120 10.5 7.9 11.9

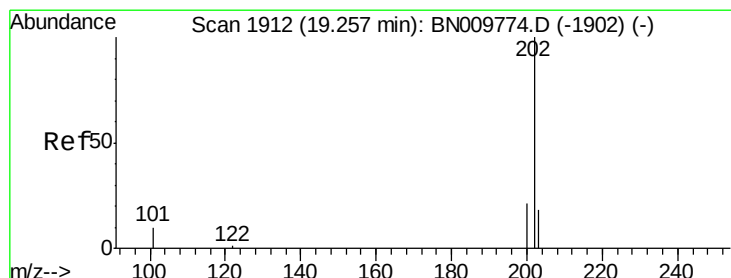
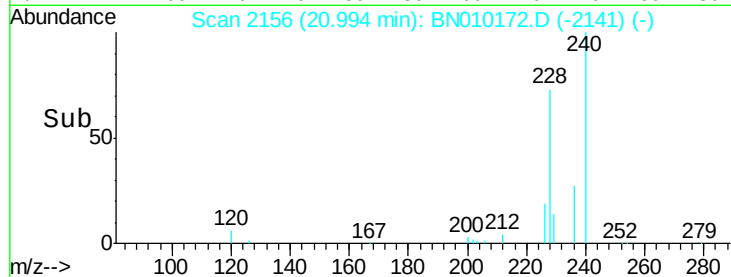
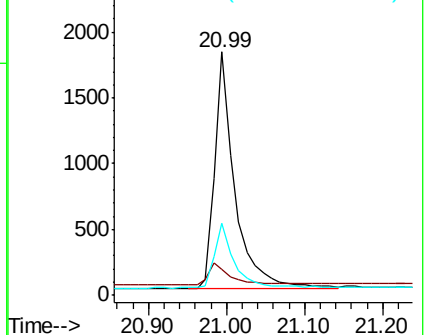
236 29.7 22.0 33.0



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: 0.377 ng

RT: 19.22 min Scan# 1905

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

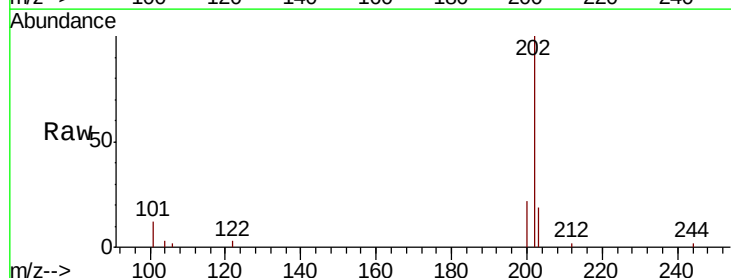
Tgt Ion:202 Resp: 4692

Ion Ratio Lower Upper

202 100

200 20.2 16.4 24.6

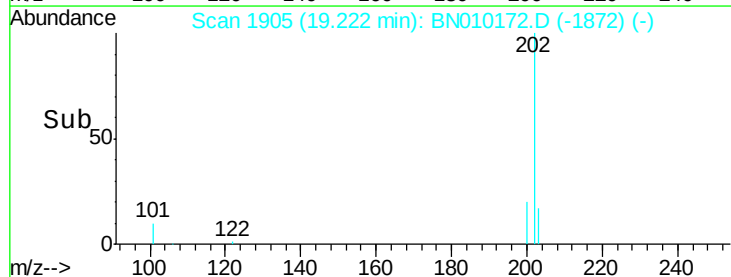
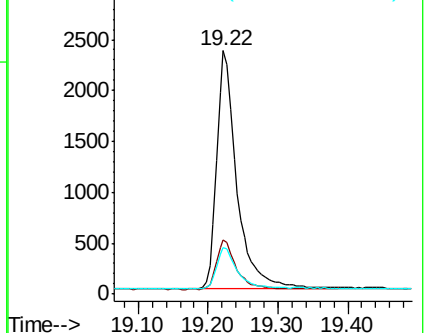
203 17.5 13.9 20.9

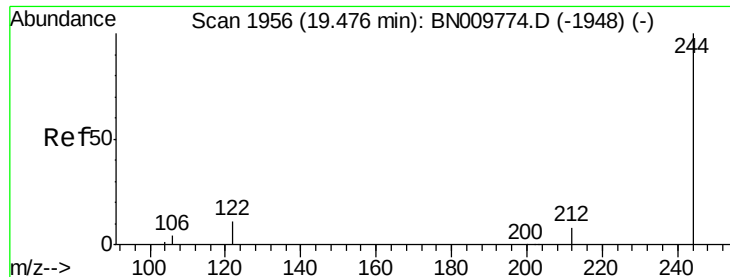


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.44 min Scan# 1948

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

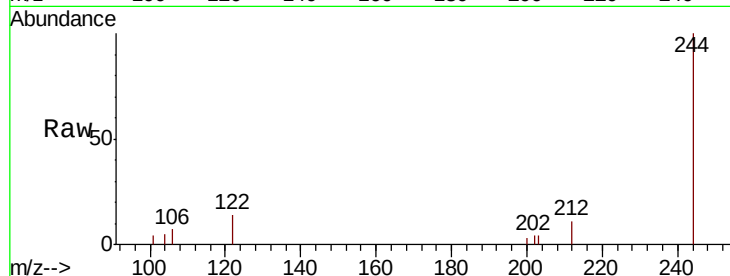
Tot Ion:244 Resp: 2958

Ion Ratio Lower Upper

244 100

212 11.1 8.0 12.0

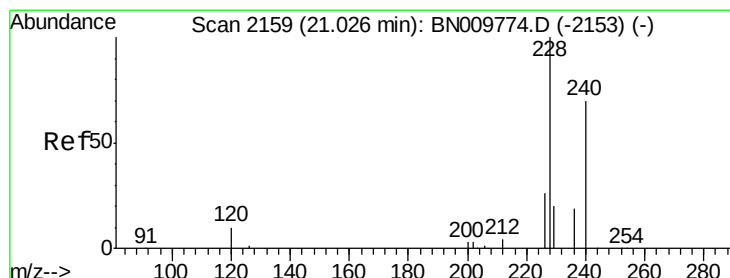
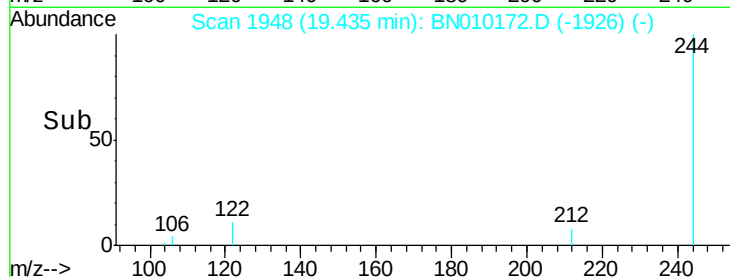
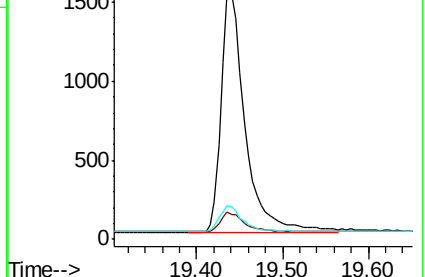
122 13.6 10.0 15.0



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: 0.360 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

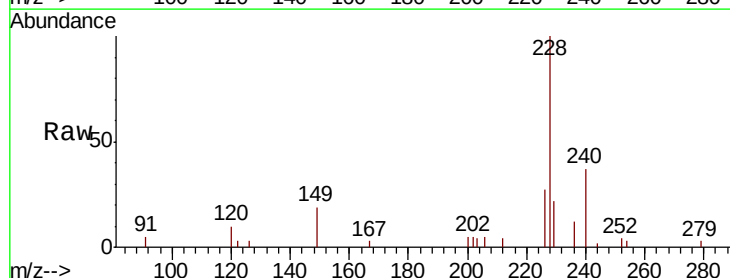
Tgt Ion:228 Resp: 3921

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

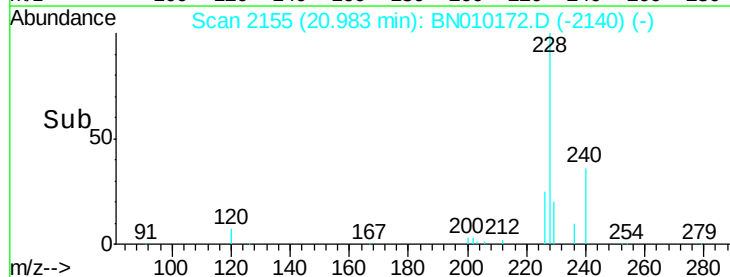
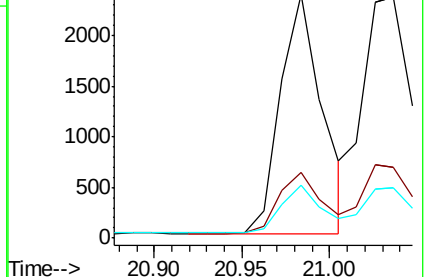
229 21.5 17.1 25.7

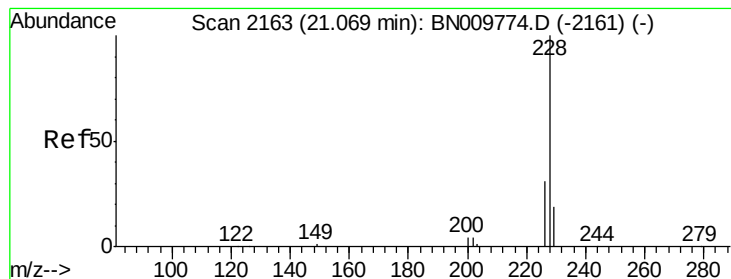


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.407 ng

RT: 21.04 min Scan# 2160

Delta R.T. -0.03 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument:

BNA_N

ClientSampleId:

SSTDCCC0.4EC

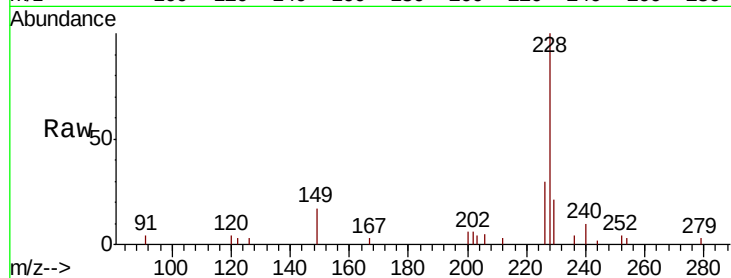
Tot Ion:228 Resp: 5123

Ion Ratio Lower Upper

228 100

226 29.5 24.8 37.2

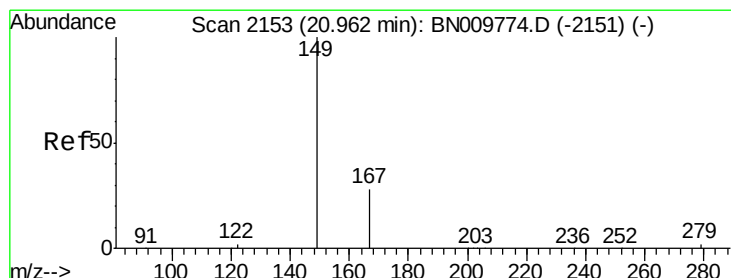
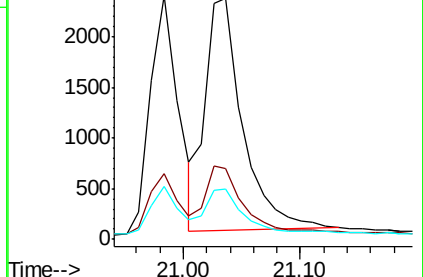
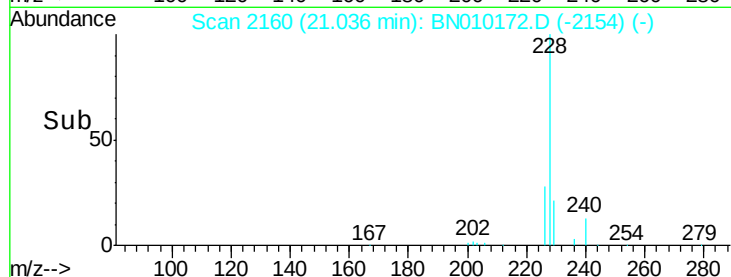
229 21.1 16.4 24.6



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: 0.500 ng

RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

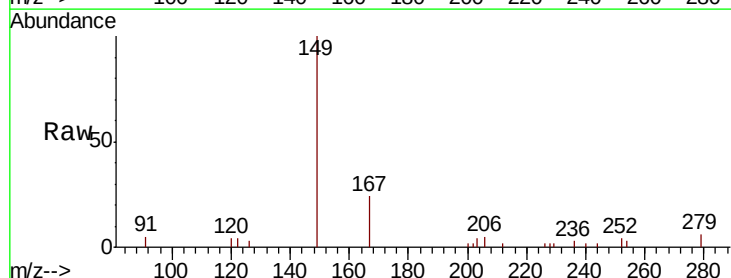
Tgt Ion:149 Resp: 2652

Ion Ratio Lower Upper

149 100

167 24.8 22.7 34.1

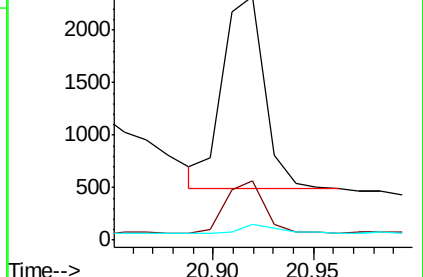
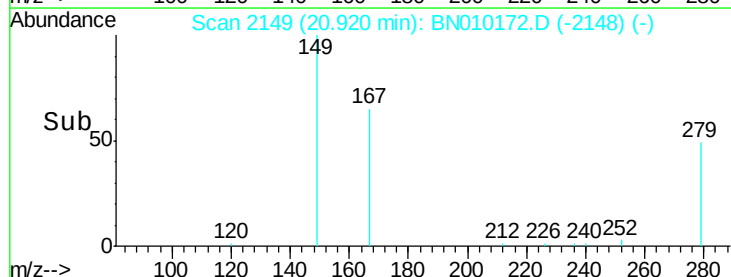
279 3.4 3.1 4.7

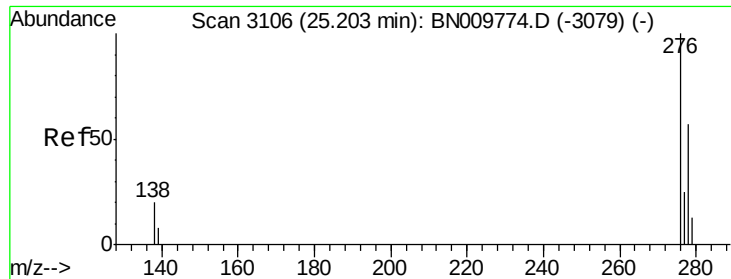


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.410 ng

RT: 25.14 min Scan# 3088

Delta R.T. -0.06 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

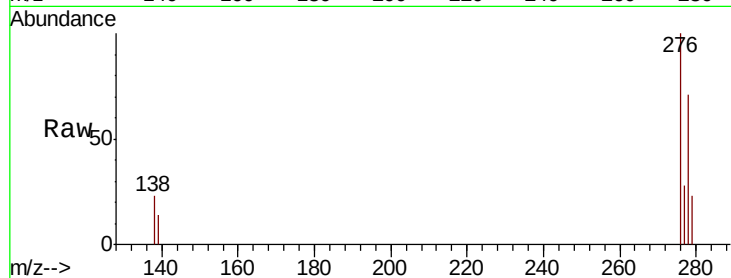
Tot Ion:276 Resp: 5373

Ion Ratio Lower Upper

276 100

138 17.9 15.8 23.6

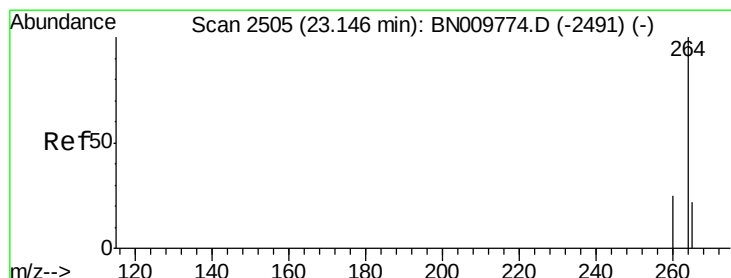
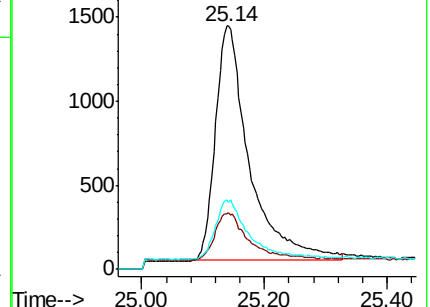
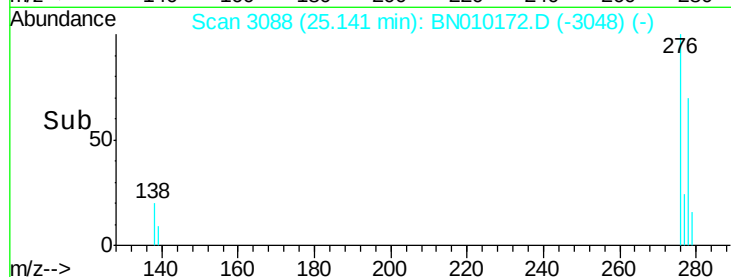
277 22.8 19.3 28.9



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: BN010172.D

Acq: 10 Mar 2020 22:28

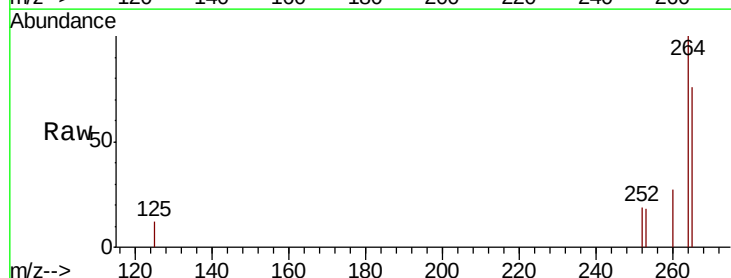
Tgt Ion:264 Resp: 3424

Ion Ratio Lower Upper

264 100

260 27.3 21.1 31.7

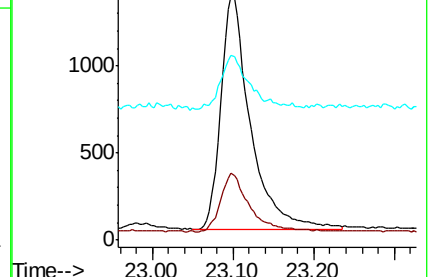
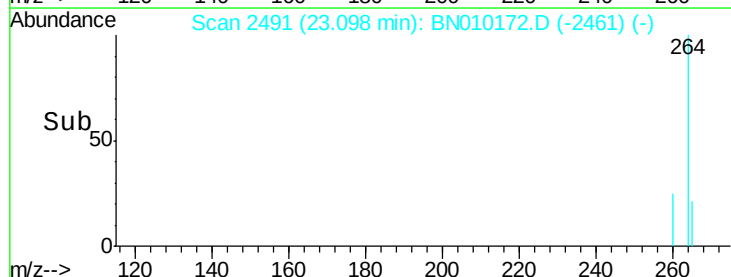
265 75.7 57.5 86.3

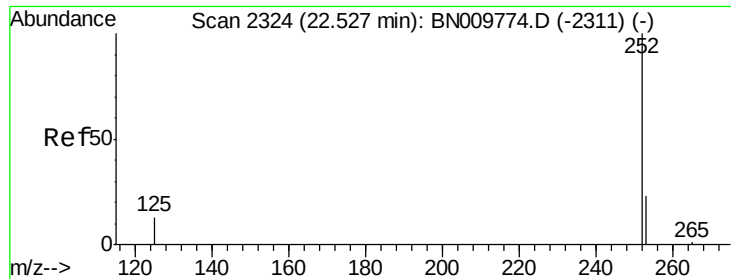


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

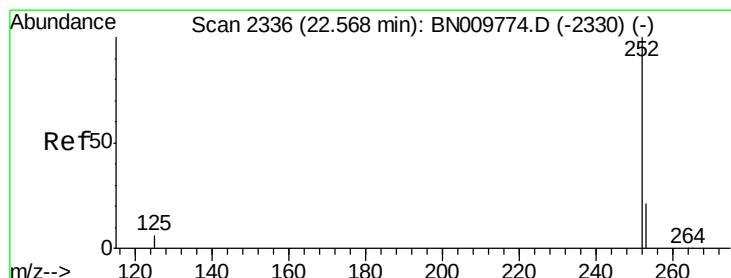
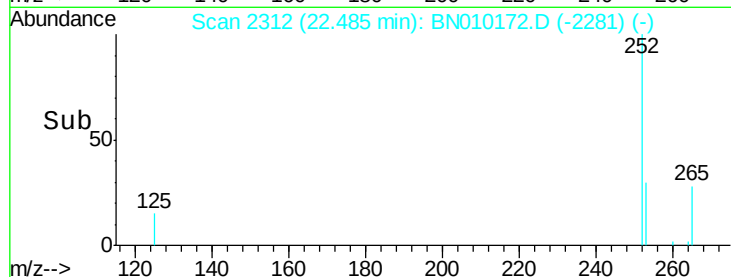
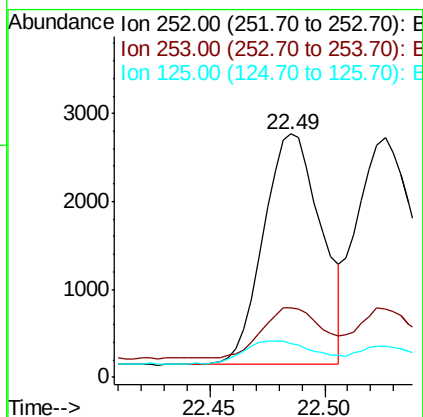
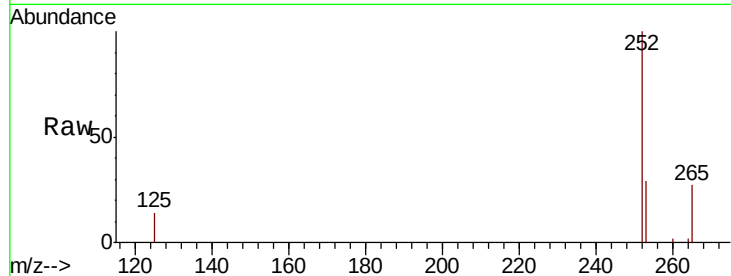




#35
Benzo(b)fluoranthene
Concen: 0.367 ng
RT: 22.49 min Scan# 2312
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

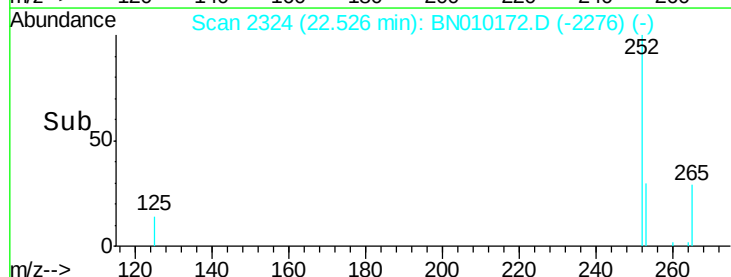
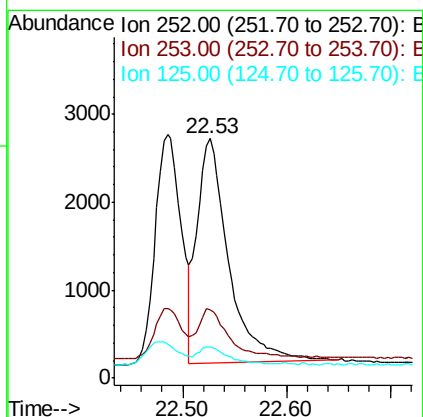
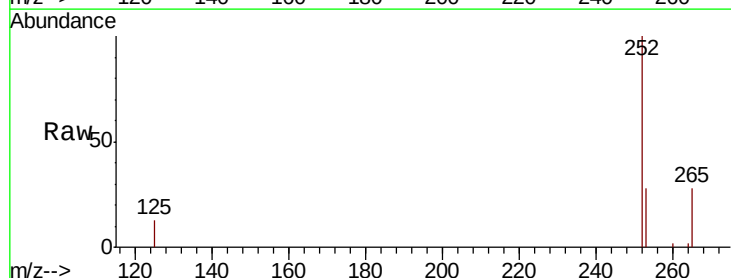
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

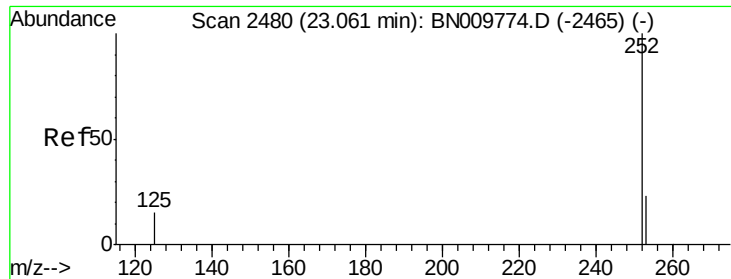
Tot Ion:252 Resp: 4595
Ion Ratio Lower Upper
252 100
253 28.6 23.0 34.6
125 13.9 14.4 21.6#



#36
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 22.53 min Scan# 2324
Delta R.T. -0.04 min
Lab File: BN010172.D
Acq: 10 Mar 2020 22:28

Tgt Ion:252 Resp: 5423
Ion Ratio Lower Upper
252 100
253 28.4 22.2 33.2
125 13.1 10.5 15.7





#37

Benzo(a)pyrene

Concen: 0.388 ng

RT: 23.02 min Scan# 2467

Delta R.T. -0.04 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

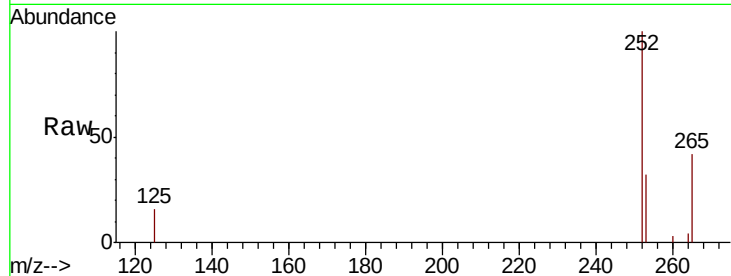
Tot Ion:252 Resp: 4429

Ion Ratio Lower Upper

252 100

253 31.8 25.3 37.9

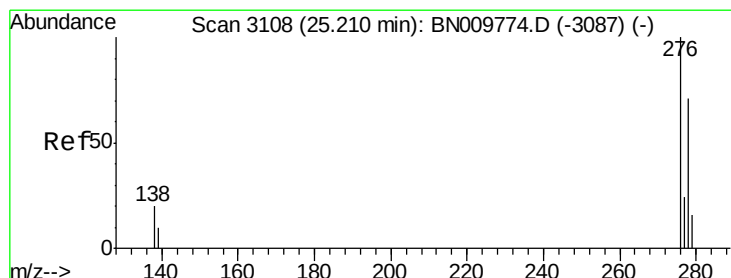
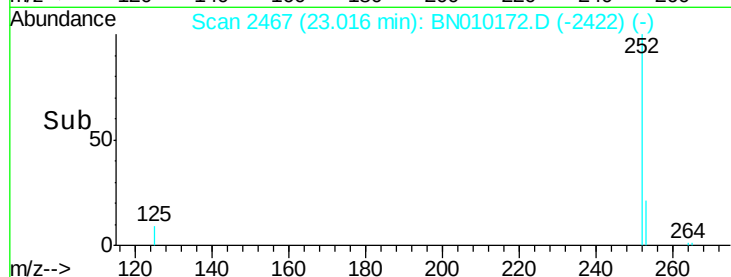
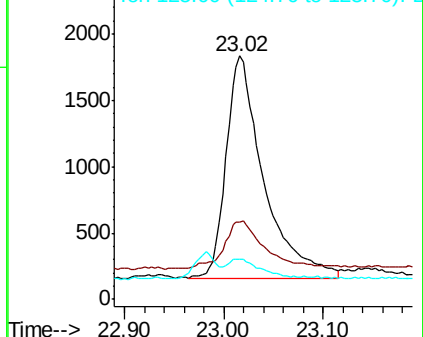
125 16.2 17.7 26.5#



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: 0.380 ng

RT: 25.15 min Scan# 3090

Delta R.T. -0.06 min

Lab File: BN010172.D

Acq: 10 Mar 2020 22:28

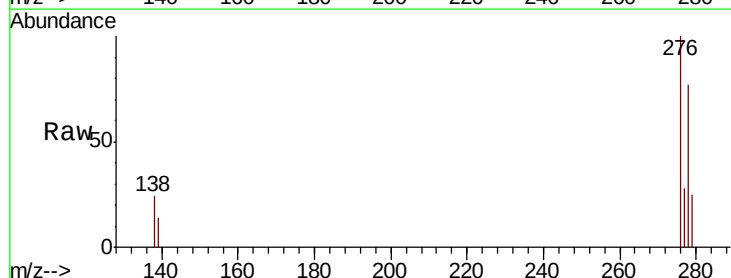
Tgt Ion:278 Resp: 4268

Ion Ratio Lower Upper

278 100

139 18.3 14.5 21.7

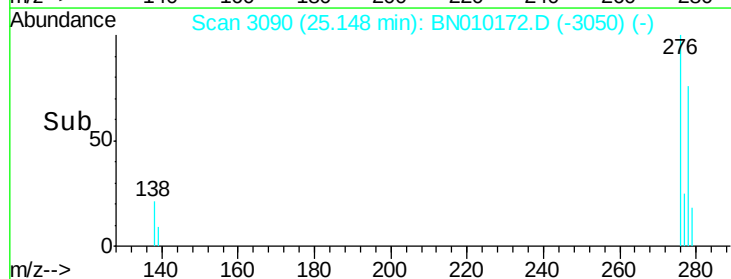
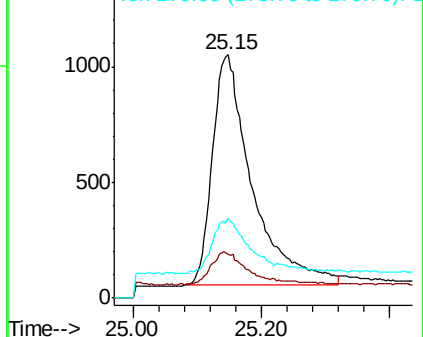
279 32.7 24.3 36.5

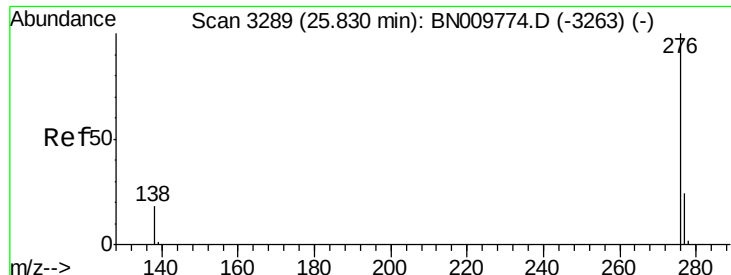


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.399 ng

RT: 25.76 min Scan# 3268

Delta R.T. -0.07 min

Lab File: BN010172.D

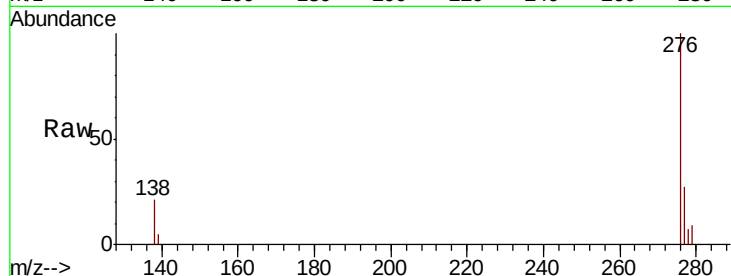
Acq: 10 Mar 2020 22:28

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



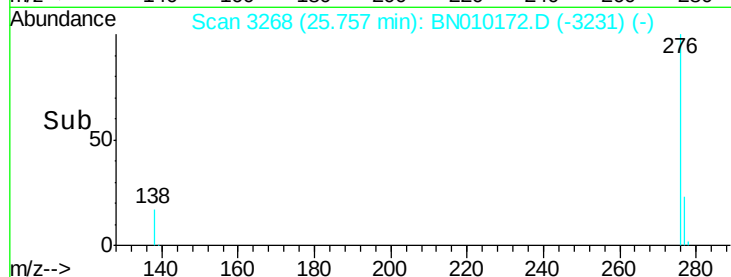
Tot Ion: 276 Resp: 4780

Ion Ratio Lower Upper

276 100

277 27.0 21.4 32.0

138 21.1 16.6 24.8



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

