

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
 Data File : BN009798.D
 Acq On : 21 Feb 2020 02:46
 Operator : CG/JU
 Sample : L1482-04 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 03:26:28 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	7.41	152	1671	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5753	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	3379	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	6678	0.40	ng	-0.02
27) Chrysene-d12	21.02	240	7574	0.40	ng	-0.02
34) Perylene-d12	23.11	264	7640	0.40	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.07	112	280	0.08	ng	-0.02
5) Phenol-d6	6.63	99	299	0.07	ng	-0.02
8) Nitrobenzene-d5	8.58	82	331	0.07	ng	-0.01
11) 2-Methylnaphthalene-d10	11.76	152	516	0.05	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	82	0.06	ng	-0.02
15) 2-Fluorobiphenyl	12.66	172	952	0.07	ng	-0.02
25) Fluoranthene-d10	18.83	212	1101	0.05	ng	-0.02
29) Terphenyl-d14	19.46	244	3975	0.22	ng	-0.02

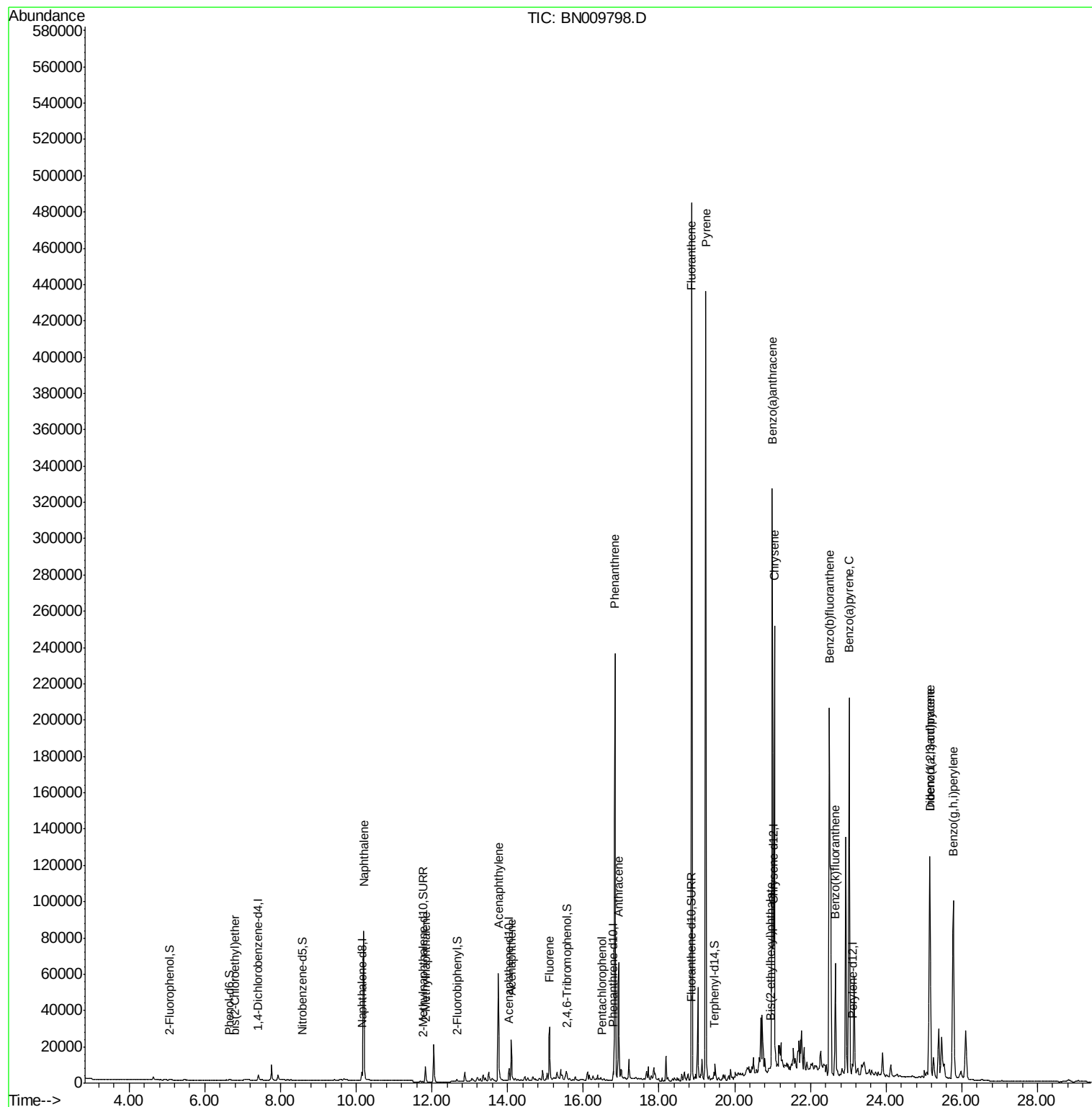
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) bis(2-Chloroethyl)ether	6.78	93	160	0.036	ng	# 17
9) Naphthalene	10.20	128	127712	8.139	ng	# 93
12) 2-Methylnaphthalene	11.83	142	7189	0.668	ng	98
16) Acenaphthylene	13.76	152	74336	5.161	ng	99
17) Acenaphthene	14.10	154	11377	1.123	ng	99
18) Fluorene	15.10	166	20771	1.554	ng	95
20) 4-Bromophenyl-phenylether	16.01	248	122	Below Cal		# 8
22) Pentachlorophenol	16.49	266	8	0.184	ng	# 77
23) Phenanthrene	16.84	178	228517	11.498	ng	99
24) Anthracene	16.93	178	70290	4.184	ng	98
26) Fluoranthene	18.86	202	414124	17.402	ng	99
28) Pyrene	19.23	202	379369	13.191	ng	98
30) Benzo(a)anthracene	20.99	228	258411	10.281	ng	95
31) Chrysene	21.05	228	212226	7.298	ng	98
32) Bis(2-ethylhexyl)phthalate	20.95	149	621	0.051	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.15	276	173055	5.715	ng	99
35) Benzo(b)fluoranthene	22.50	252	321927	11.526	ng	# 86
36) Benzo(k)fluoranthene	22.66	252	76758	2.524	ng	96
37) Benzo(a)pyrene	23.02	252	255435	10.023	ng	# 80
38) Dibenzo(a,h)anthracene	25.16	278	48193	1.921	ng	97
39) Benzo(g,h,i)perylene	25.77	276	175884	6.580	ng	96

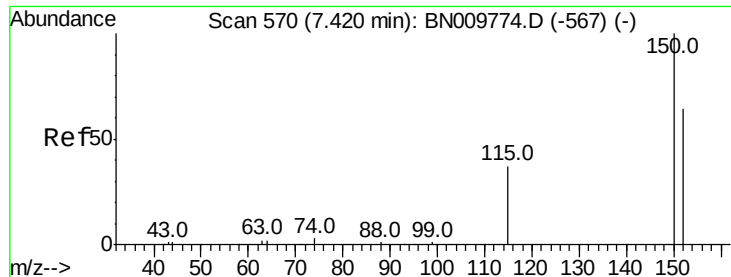
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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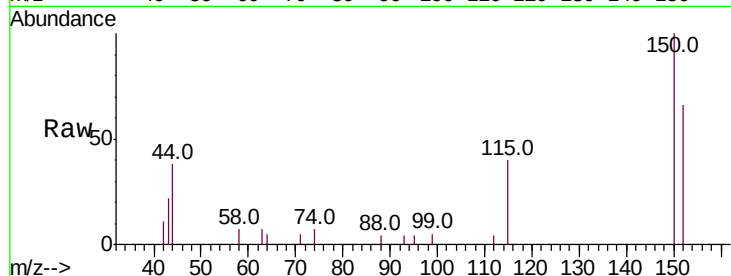


#1

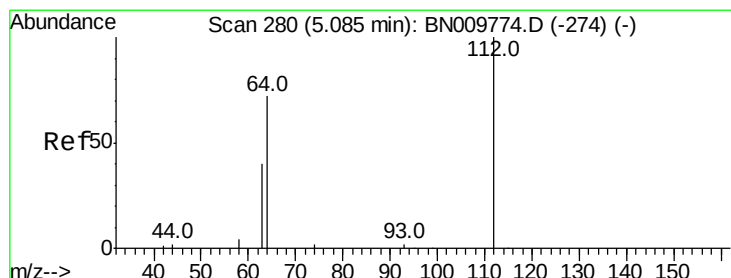
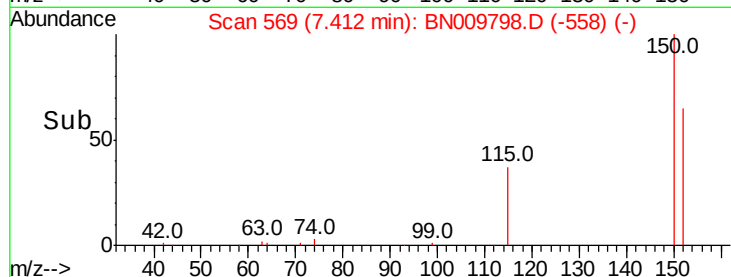
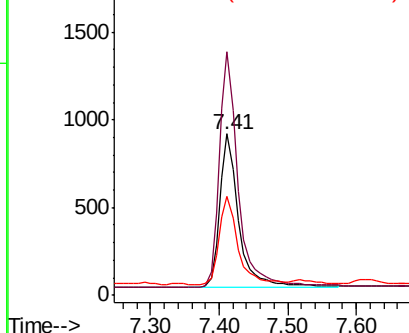
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.01 min
Lab File: BN009798.D
Acq: 21 Feb 2020 02:46

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1671
Ion Ratio Lower Upper
152 100
150 151.2 120.6 181.0
115 61.2 51.2 76.8



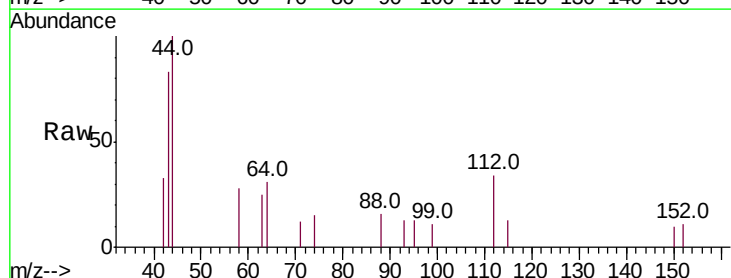
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



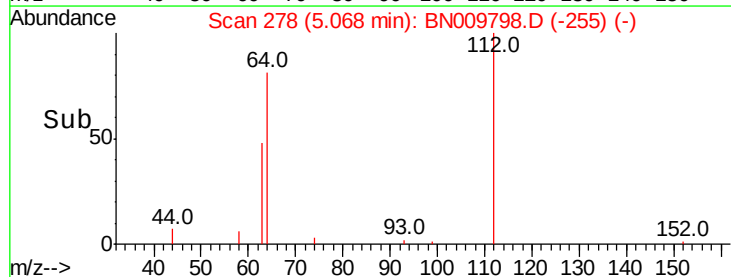
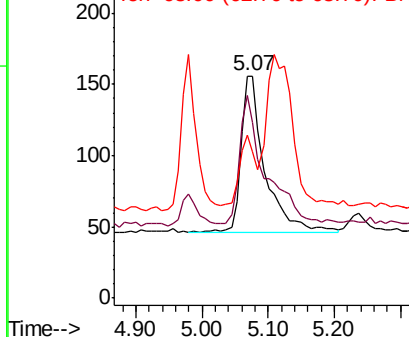
#4

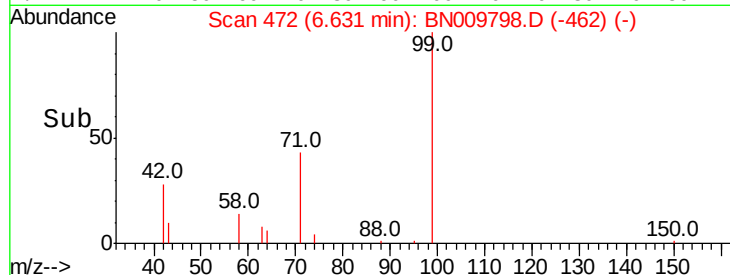
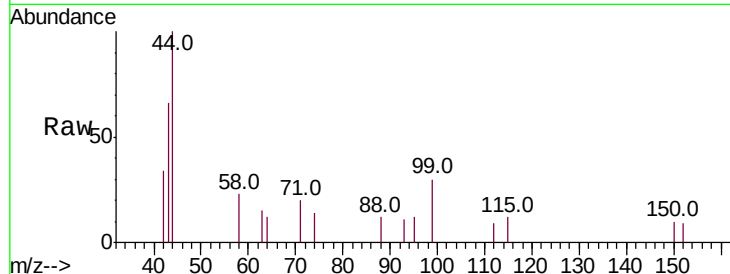
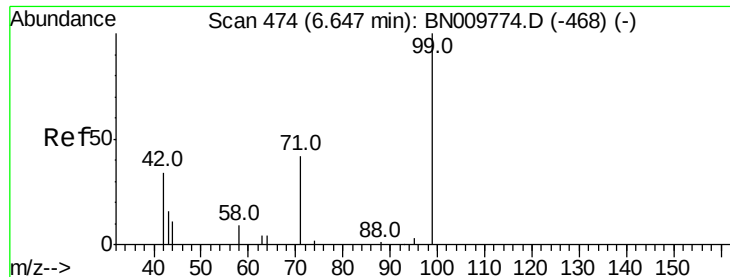
2-Fluorophenol
Concen: 0.075 ng
RT: 5.07 min Scan# 278
Delta R.T. -0.02 min
Lab File: BN009798.D
Acq: 21 Feb 2020 02:46

Tgt Ion:112 Resp: 280
Ion Ratio Lower Upper
112 100
64 86.8 65.8 98.6
63 32.5 38.7 58.1#



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





#5

Phenol-d6

Concen: 0.066 ng

RT: 6.63 min Scan# 472

Delta R.T. -0.02 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

Instrument :

BNA_N

ClientSampled :

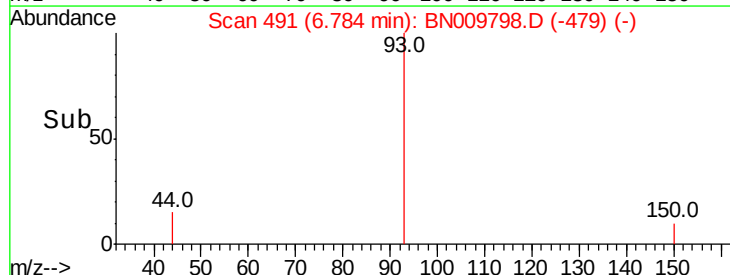
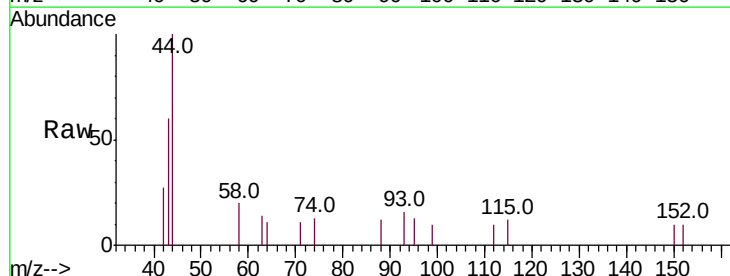
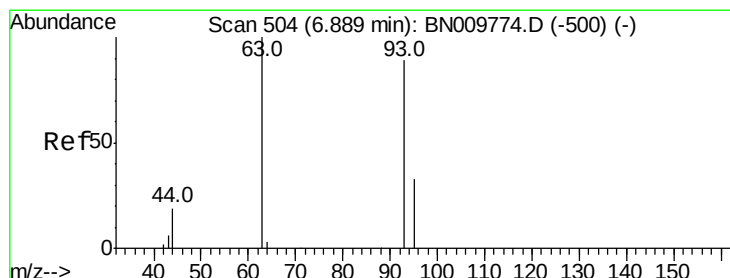
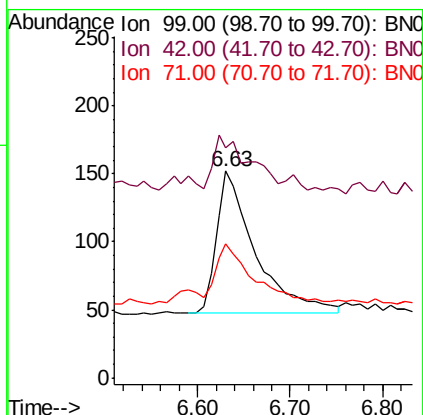
Tot Ion: 99 Resp: 299

Ion Ratio Lower Upper

99 100

42 48.8 30.8 46.2#

71 40.1 34.9 52.3



#6

bis(2-Chloroethyl)ether

Concen: 0.036 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.10 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

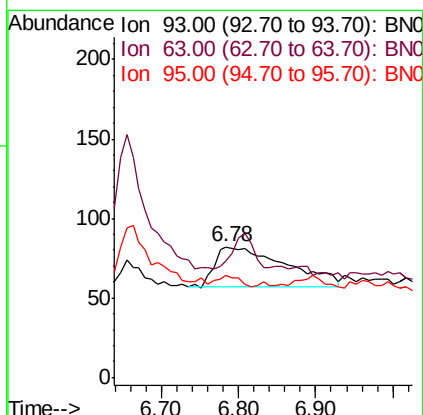
Tgt Ion: 93 Resp: 160

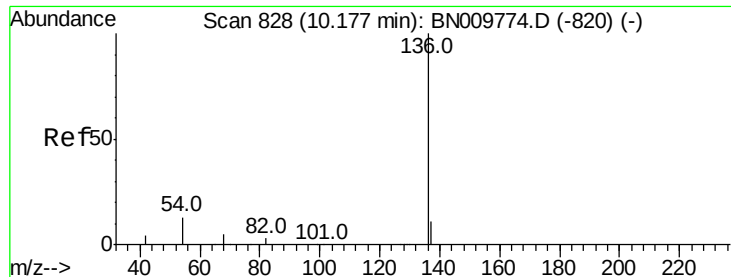
Ion Ratio Lower Upper

93 100

63 0.0 74.0 111.0#

95 8.8 26.7 40.1#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 5753

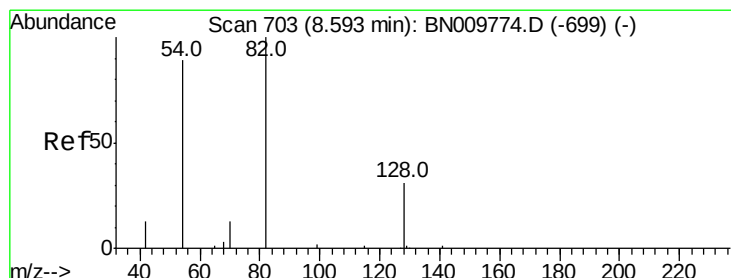
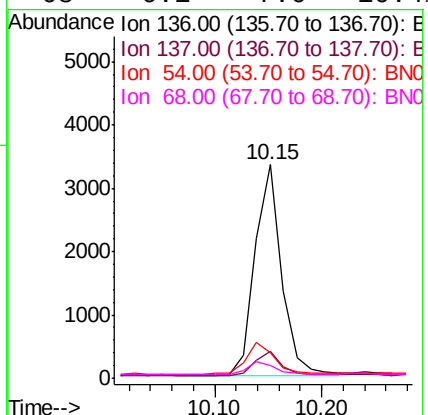
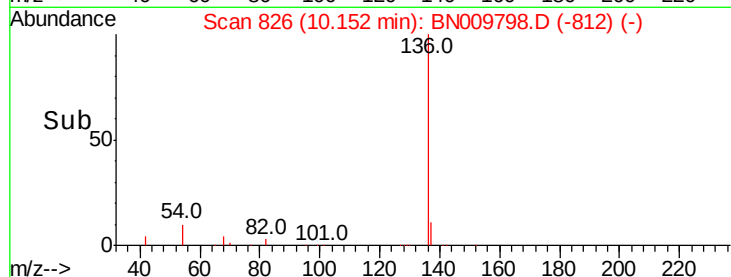
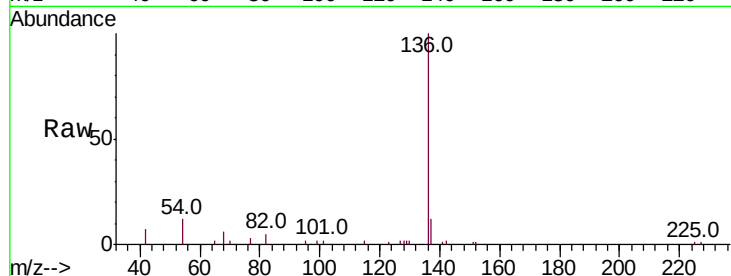
Ion Ratio Lower Upper

136 100

137 12.4 11.3 16.9

54 11.7 13.4 20.2#

68 6.1 7.0 10.4#



#8

Nitrobenzene-d5

Concen: 0.069 ng

RT: 8.58 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

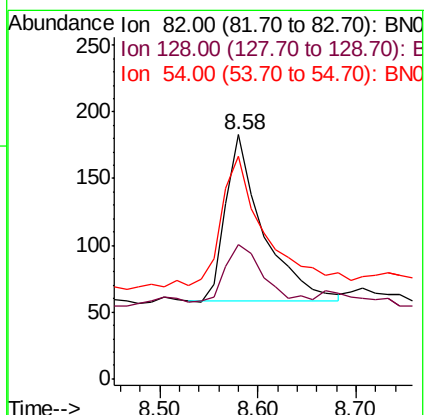
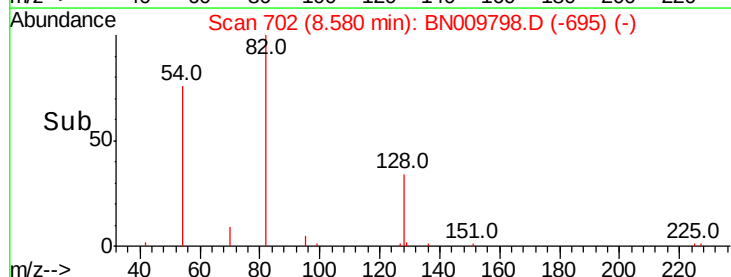
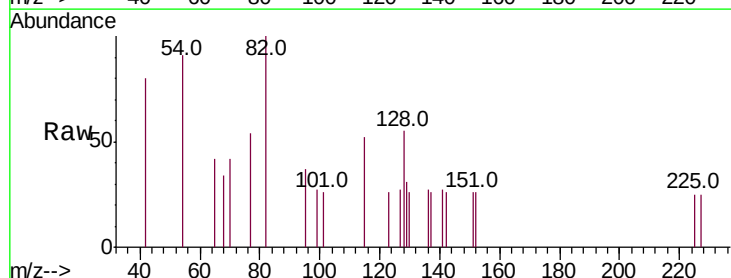
Tgt Ion: 82 Resp: 331

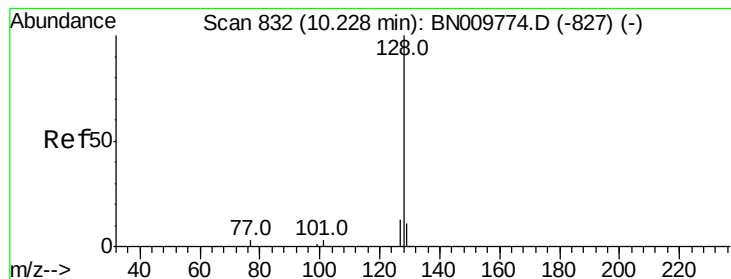
Ion Ratio Lower Upper

82 100

128 55.2 32.5 48.7#

54 91.3 73.5 110.3





#9

Naphthalene

Concen: 8.139 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

Instrument :

BNA_N

ClientSampleId :

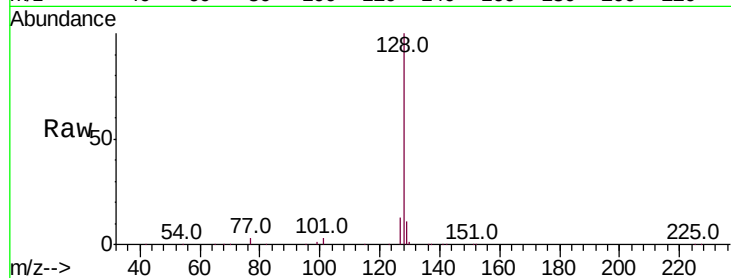
Tot Ion:128 Resp: 127712

Ion Ratio Lower Upper

128 100

129 11.0 11.1 16.7#

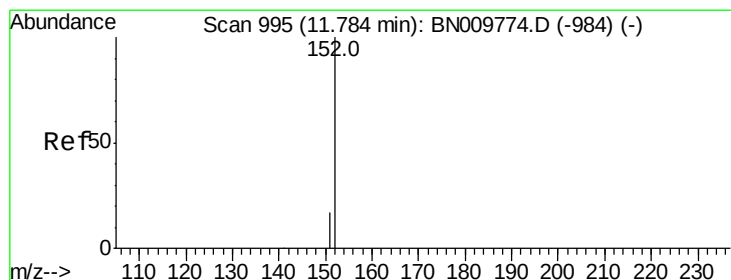
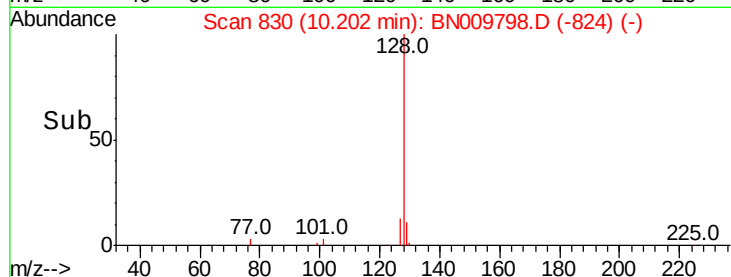
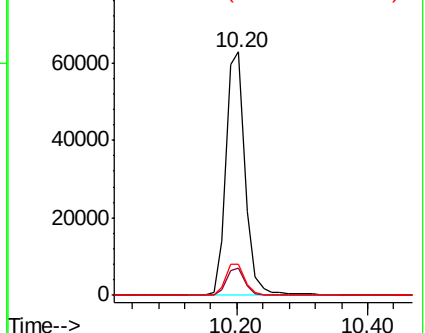
127 12.6 12.6 19.0#



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



#11

2-Methylnaphthalene-d10

Concen: 0.046 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.03 min

Lab File: BN009798.D

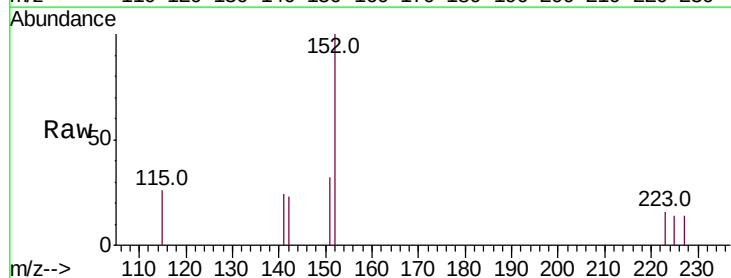
Acq: 21 Feb 2020 02:46

Tgt Ion:152 Resp: 516

Ion Ratio Lower Upper

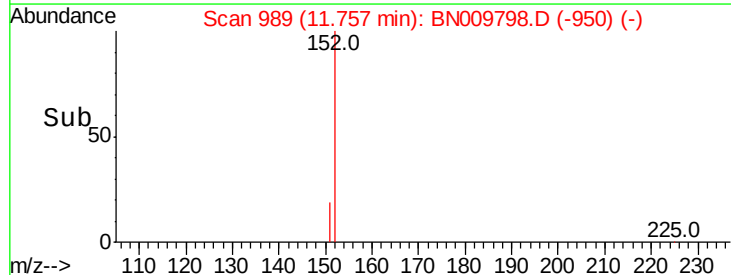
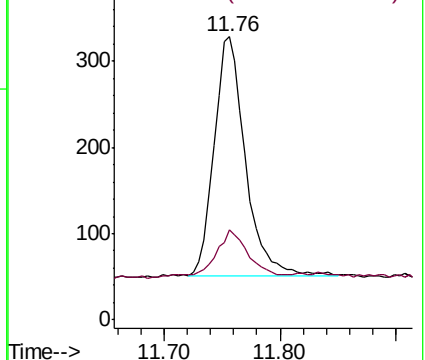
152 100

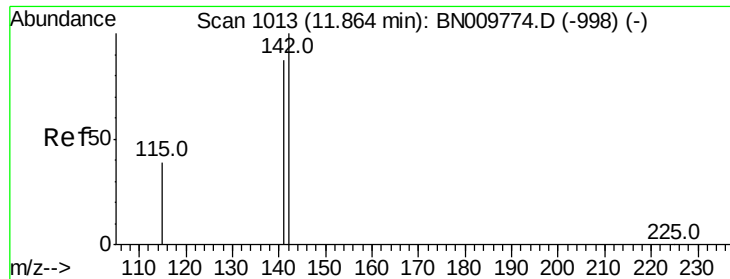
151 23.1 15.1 22.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.668 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

Instrument :

BNA_N

ClientSampleId :

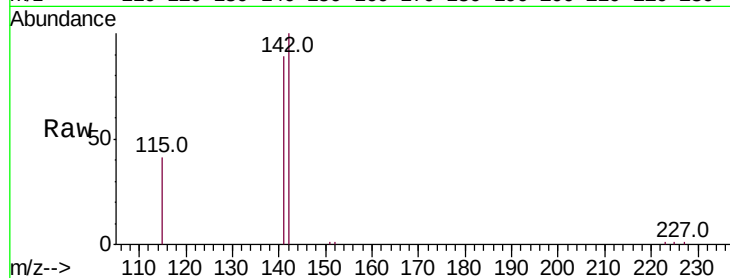
Tot Ion:142 Resp: 7189

Ion Ratio Lower Upper

142 100

141 88.7 69.8 104.6

115 41.3 34.6 52.0

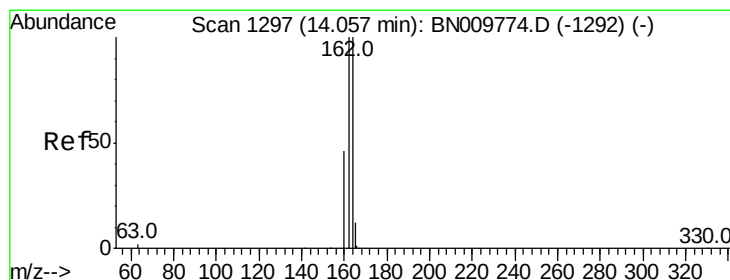
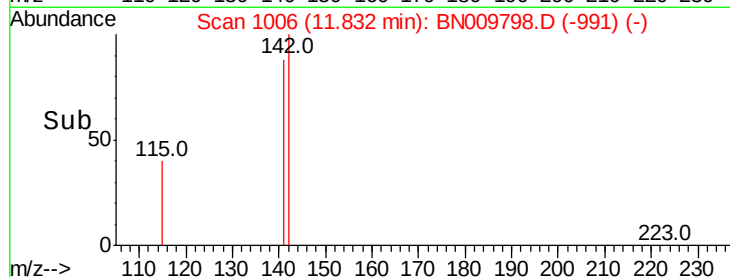
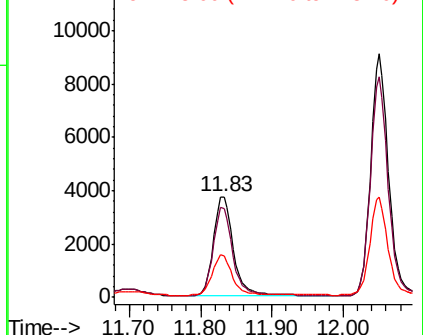


Abundance

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: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

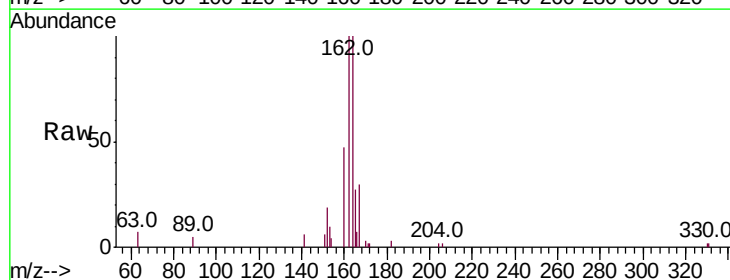
Tgt Ion:164 Resp: 3379

Ion Ratio Lower Upper

164 100

162 100.2 79.9 119.9

160 47.1 38.2 57.2

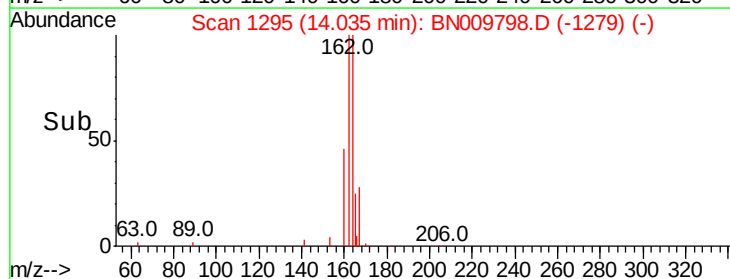
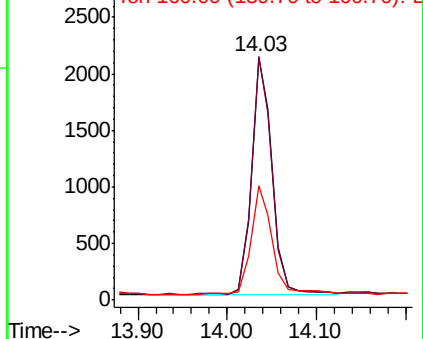


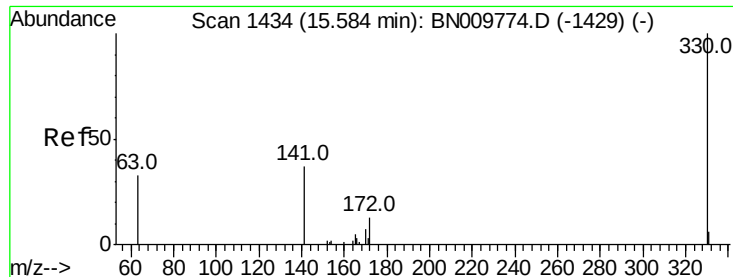
Abundance

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

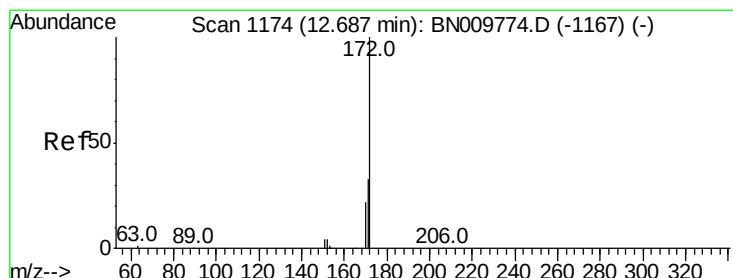
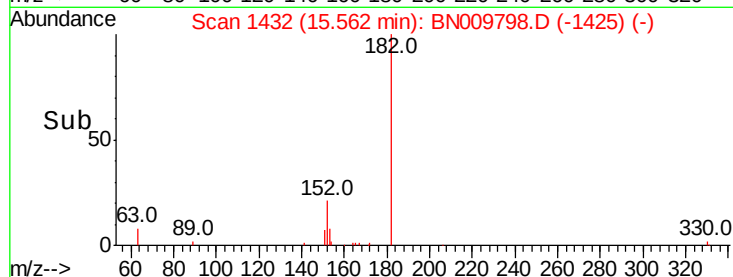
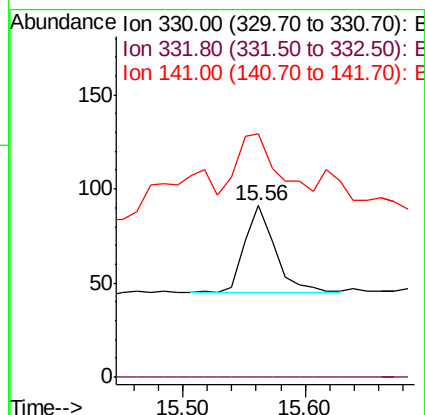
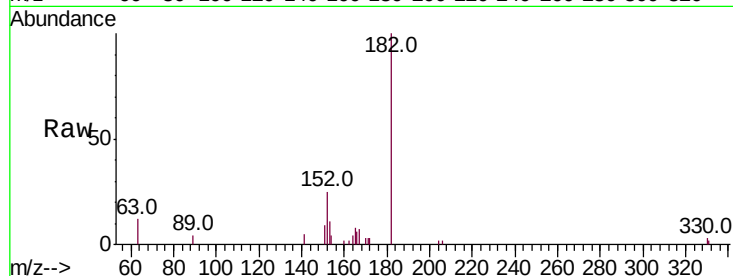




#14
 2,4,6-Tribromophenol
 Concen: 0.063 ng
 RT: 15.56 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BN009798.D
 Acq: 21 Feb 2020 02:46

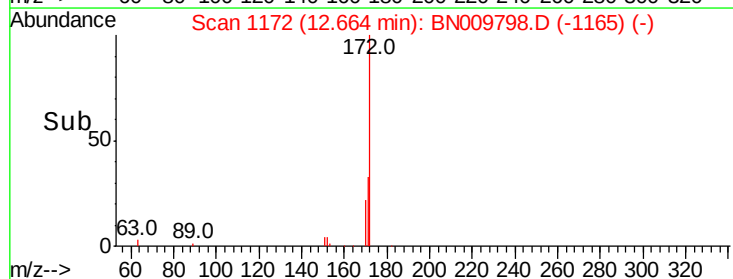
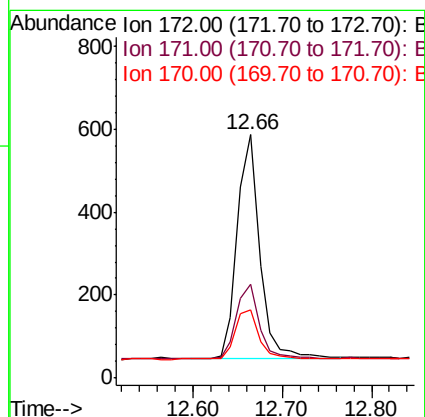
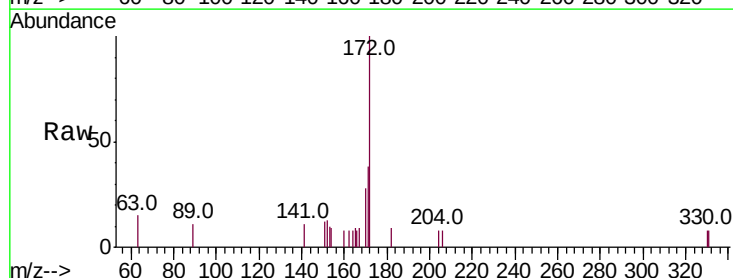
Instrument :
 BNA_N
 ClientSampleId :

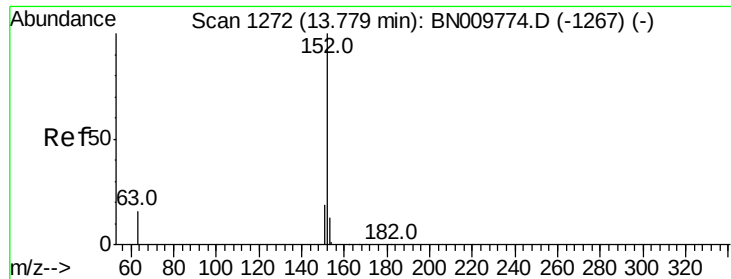
Tot Ion:330 Resp: 82
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 82.9 36.8 55.2#



#15
 2-Fluorobiphenyl
 Concen: 0.075 ng
 RT: 12.66 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BN009798.D
 Acq: 21 Feb 2020 02:46

Tgt Ion:172 Resp: 952
 Ion Ratio Lower Upper
 172 100
 171 38.3 28.7 43.1
 170 28.1 20.1 30.1





#16

Acenaphthylene

Concen: 5.161 ng

RT: 13.76 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

Instrument :

BNA_N

ClientSampleId :

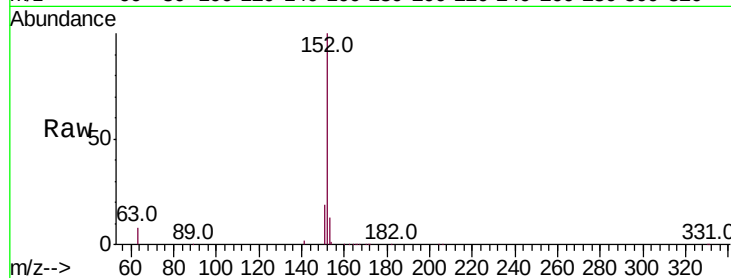
Tot Ion:152 Resp: 74336

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

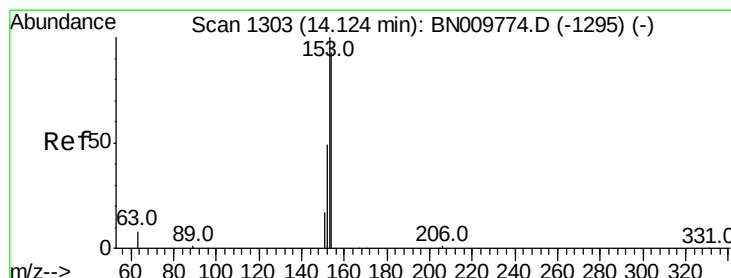
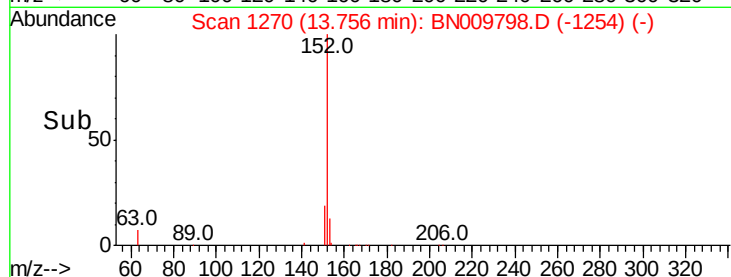
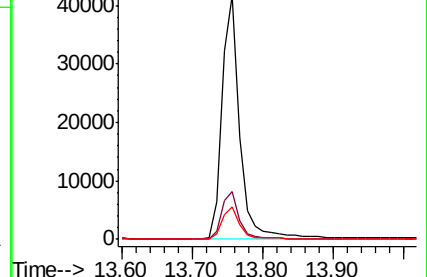
153 13.1 10.2 15.4



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: 1.123 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

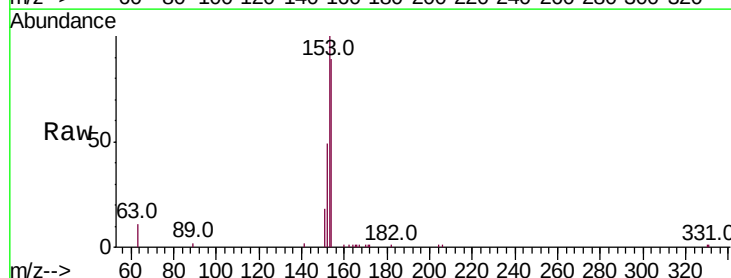
Tgt Ion:154 Resp: 11377

Ion Ratio Lower Upper

154 100

153 111.1 88.9 133.3

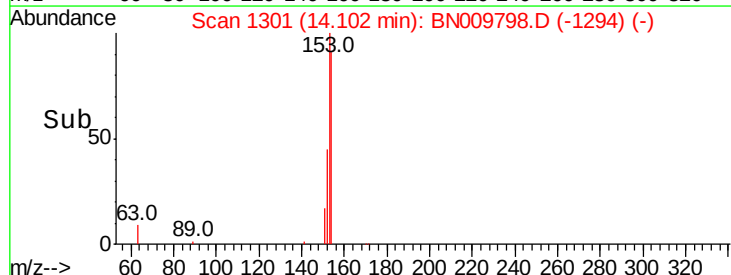
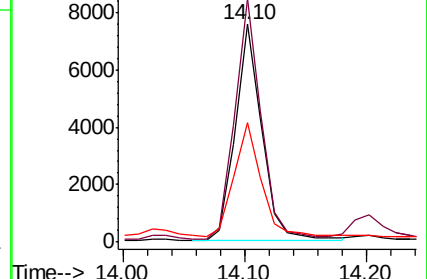
152 53.3 44.2 66.2

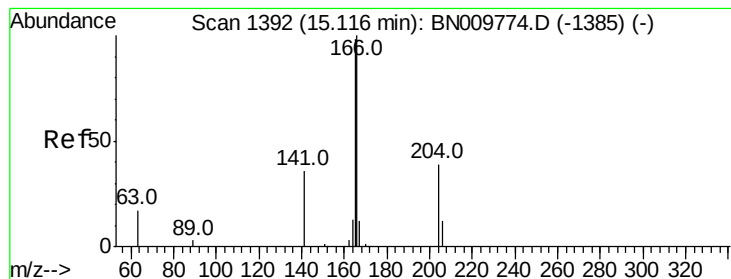


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 1.554 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

Instrument :

BNA_N

ClientSampleId :

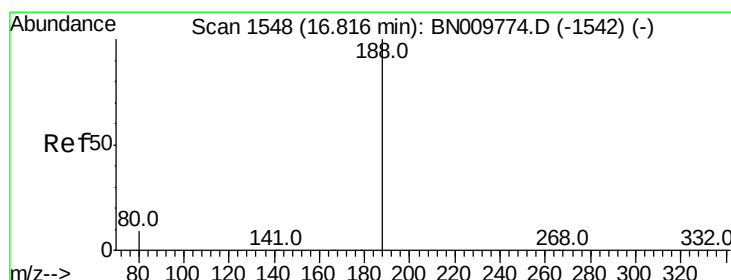
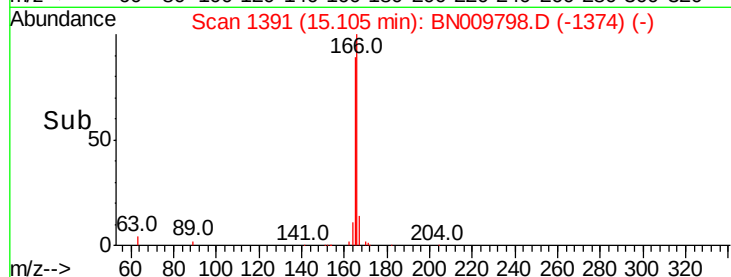
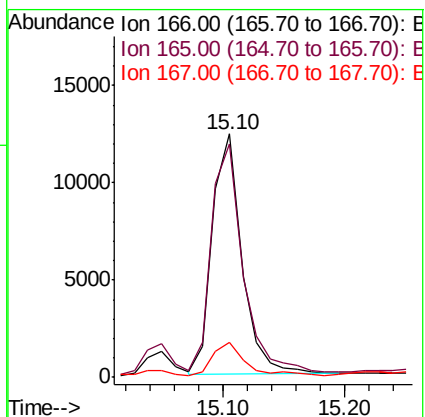
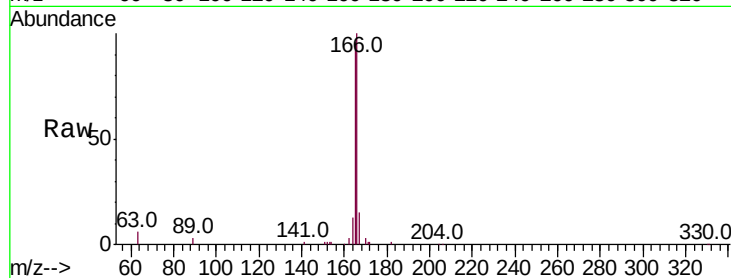
Tot Ion:166 Resp: 20771

Ion Ratio Lower Upper

166 100

165 101.6 77.2 115.8

167 15.0 10.5 15.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.79 min Scan# 1546

Delta R.T. -0.02 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

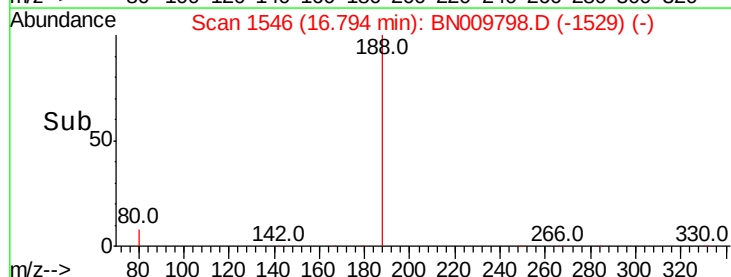
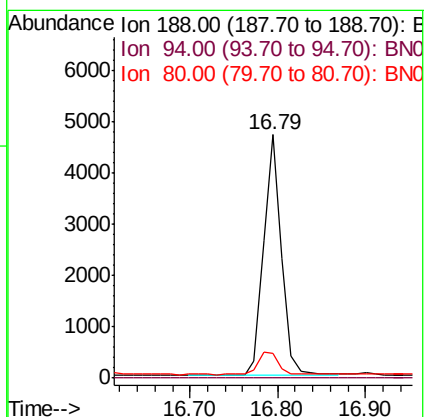
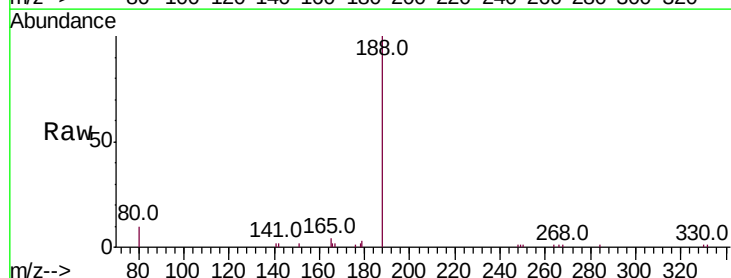
Tgt Ion:188 Resp: 6678

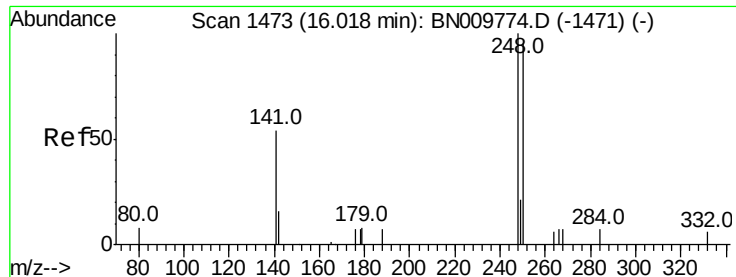
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.9 8.3 12.5

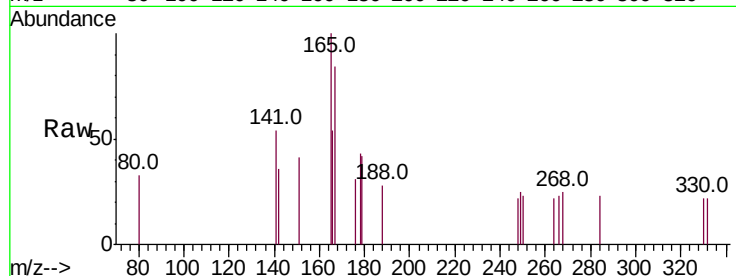




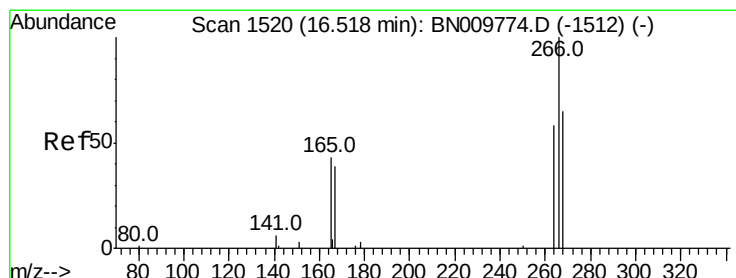
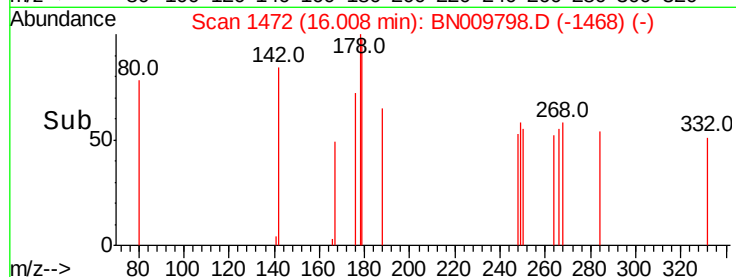
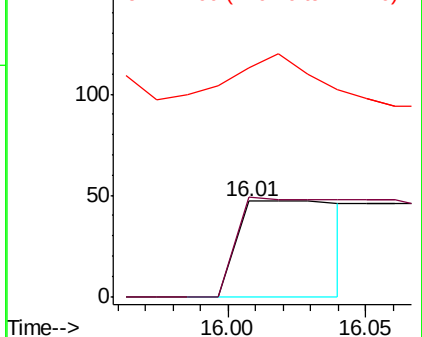
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN009798.D
Acq: 21 Feb 2020 02:46

Instrument :
BNA_N
ClientSampled :

Tot Ion:248 Resp: 122
Ion Ratio Lower Upper
248 100
250 104.3 76.2 114.4
141 240.4 57.8 86.6#

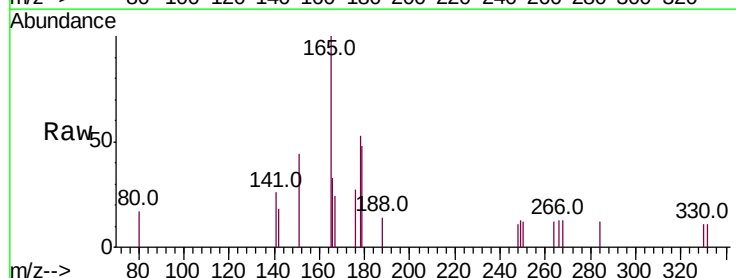


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

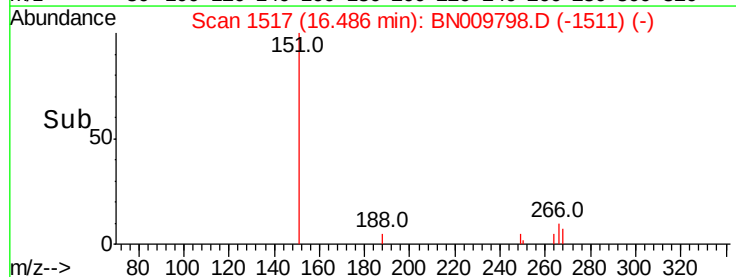
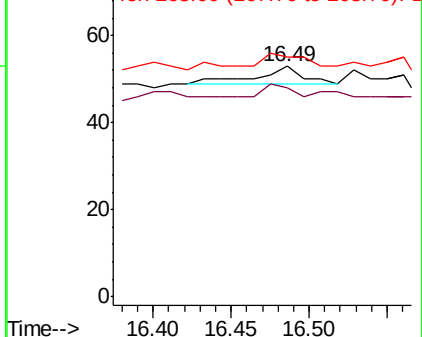


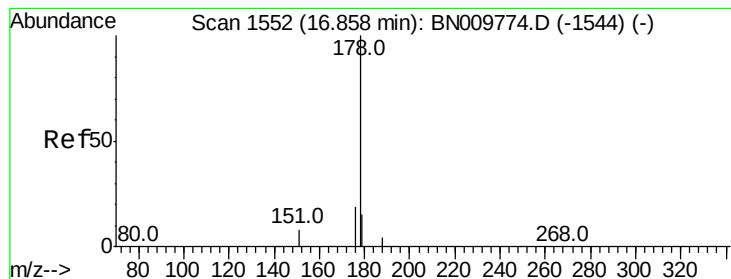
#22
Pentachlorophenol
Concen: 0.184 ng
RT: 16.49 min Scan# 1517
Delta R.T. -0.03 min
Lab File: BN009798.D
Acq: 21 Feb 2020 02:46

Tgt Ion:266 Resp: 8
Ion Ratio Lower Upper
266 100
264 90.6 58.1 87.1#
268 103.8 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: 11.498 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

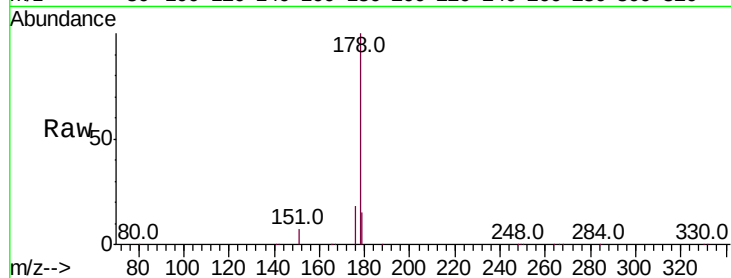
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 228517

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.3	12.4	18.6

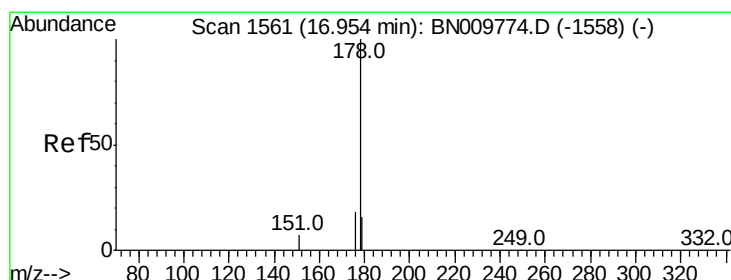
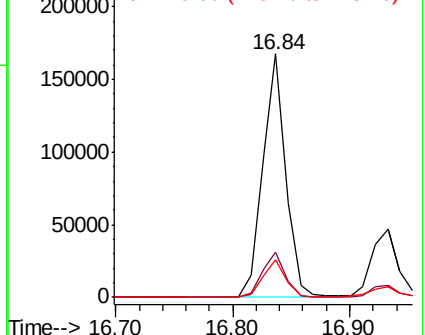
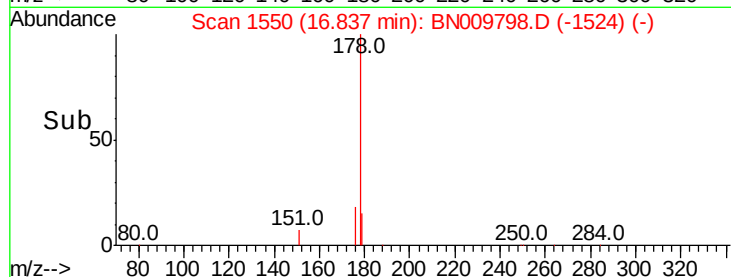


Abundance

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: 4.184 ng

RT: 16.93 min Scan# 1559

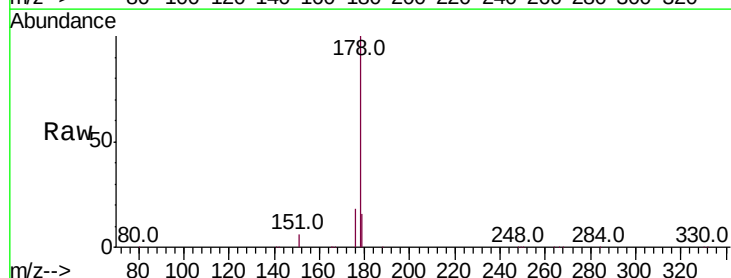
Delta R.T. -0.02 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

Tgt Ion:178 Resp: 70290

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.3	21.5
179	16.4	12.4	18.6

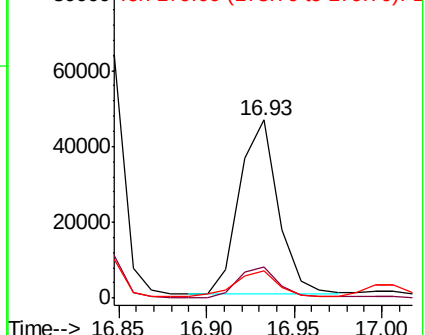
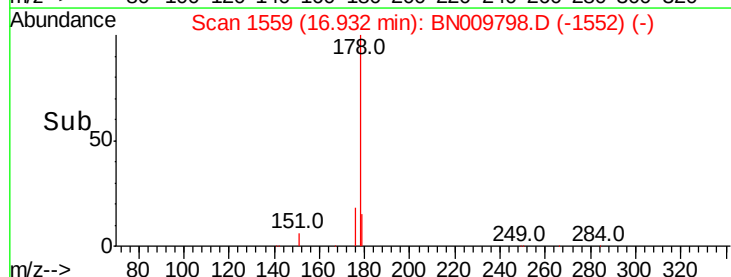


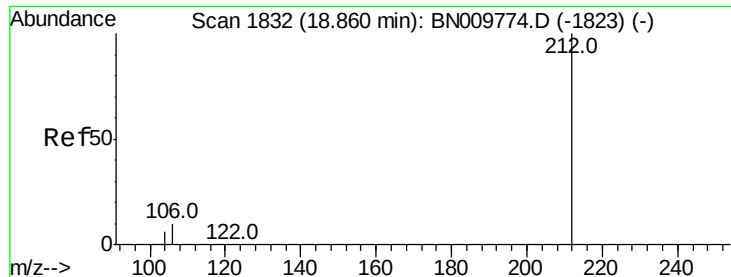
Abundance

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





#25

Fluoranthene-d10

Concen: 0.048 ng

RT: 18.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

Instrument :

BNA_N

ClientSampleId :

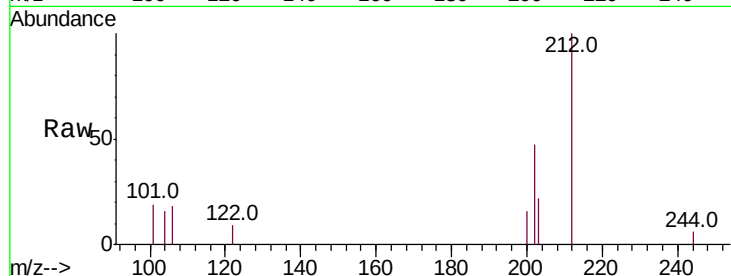
Tot Ion:212 Resp: 1101

Ion Ratio Lower Upper

212 100

106 10.9 8.4 12.6

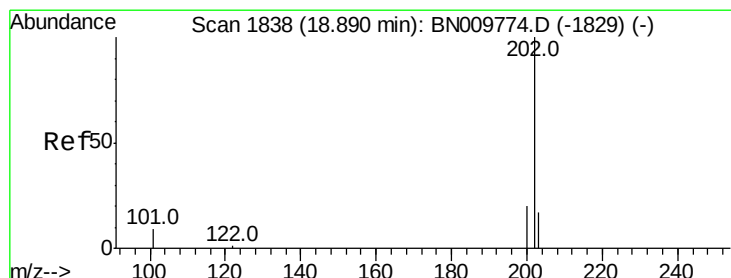
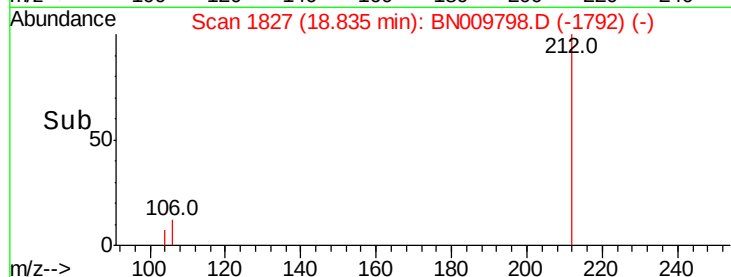
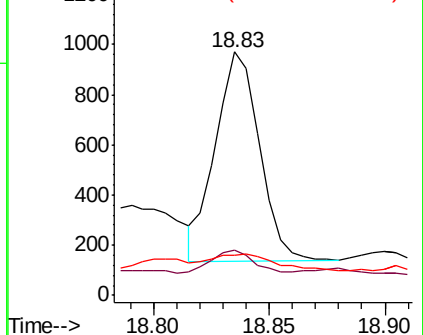
104 10.9 4.8 7.2#



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: 17.402 ng

RT: 18.86 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

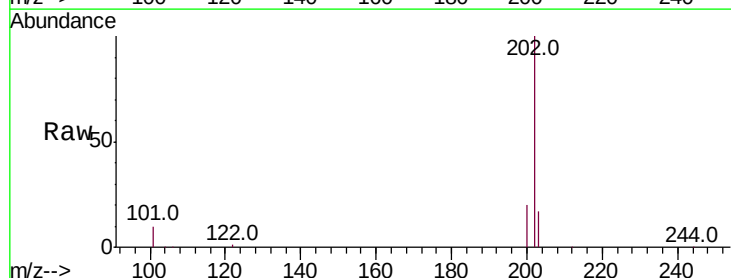
Tgt Ion:202 Resp: 414124

Ion Ratio Lower Upper

202 100

101 9.5 7.1 10.7

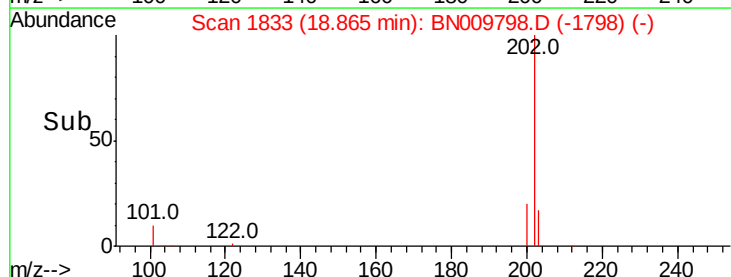
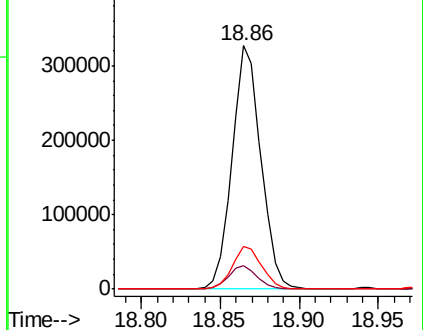
203 17.5 13.8 20.6

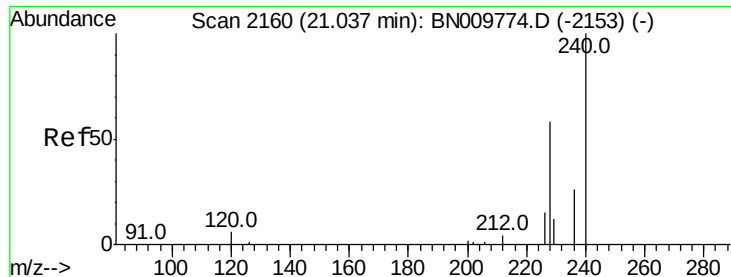


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.02 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

Instrument :

BNA_N

ClientSampleId :

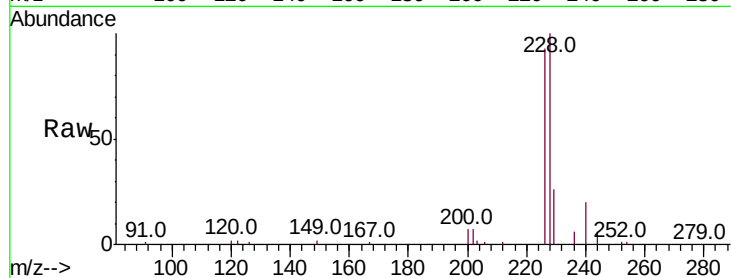
Tot Ion:240 Resp: 7574

Ion Ratio Lower Upper

240 100

120 7.9 7.9 11.9#

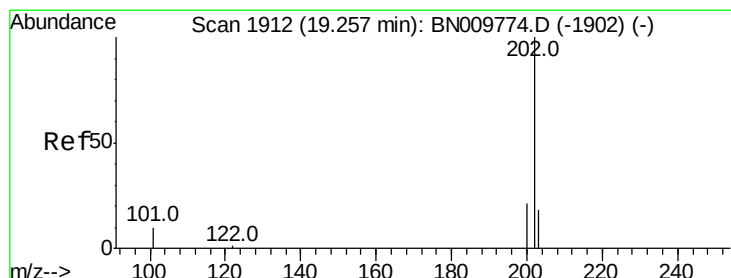
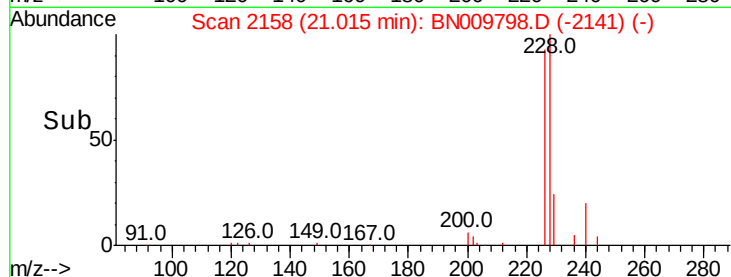
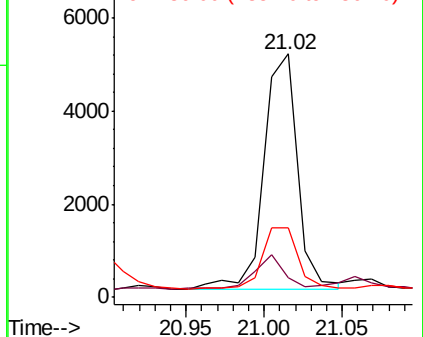
236 28.6 22.0 33.0



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: 13.191 ng

RT: 19.23 min Scan# 1907

Delta R.T. -0.02 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

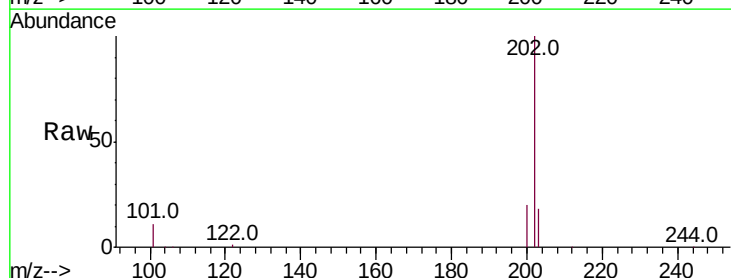
Tgt Ion:202 Resp: 379369

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

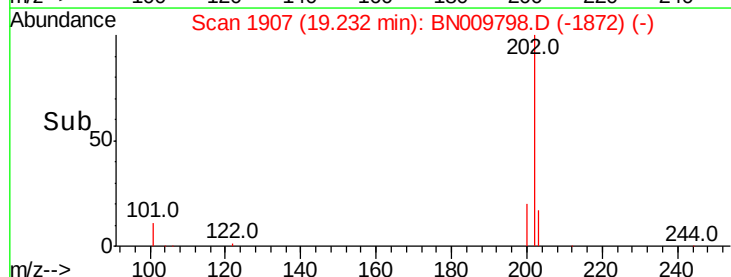
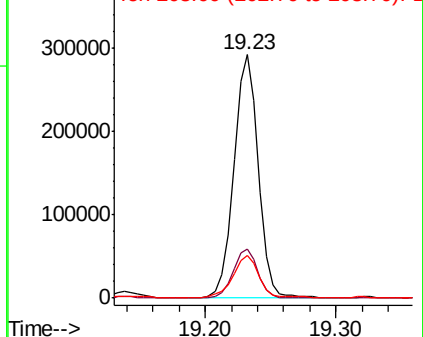
203 19.0 13.9 20.9

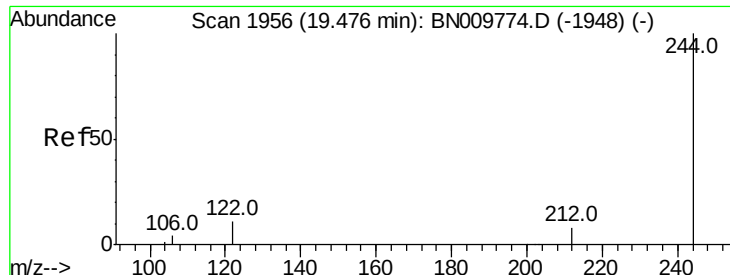


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.220 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

Instrument :

BNA_N

ClientSampleId :

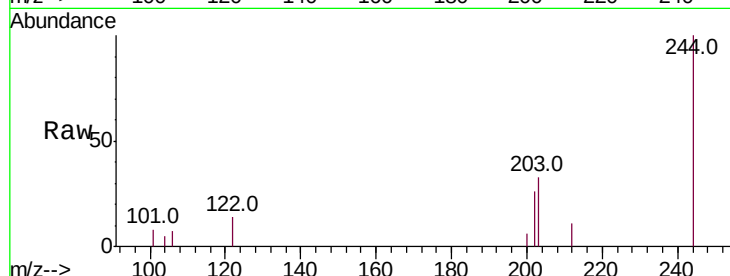
Tot Ion:244 Resp: 3975

Ion Ratio Lower Upper

244 100

212 11.0 8.0 12.0

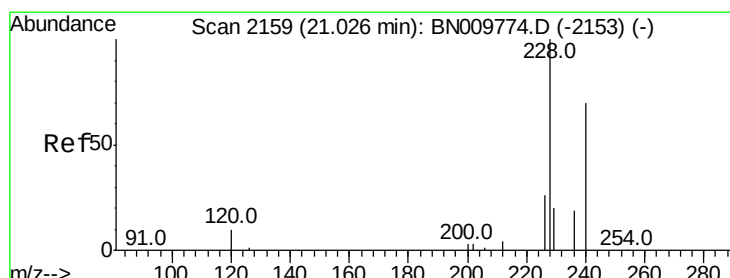
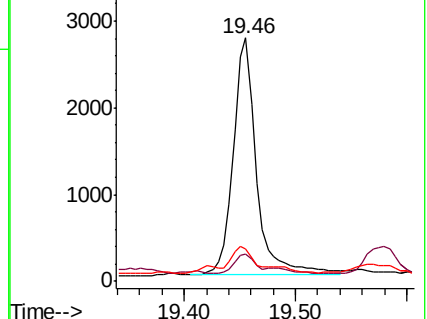
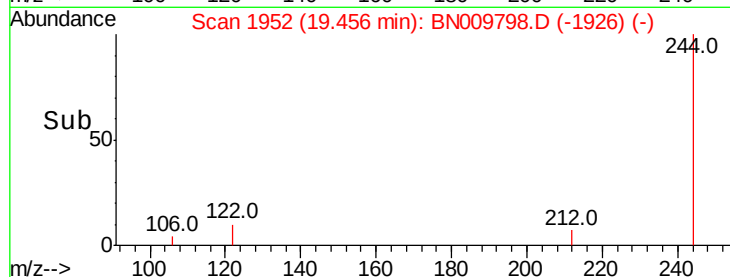
122 13.6 10.0 15.0



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: 10.281 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.03 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

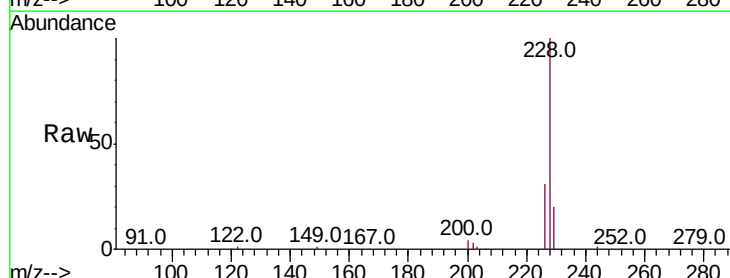
Tgt Ion:228 Resp: 258411

Ion Ratio Lower Upper

228 100

226 30.8 21.8 32.8

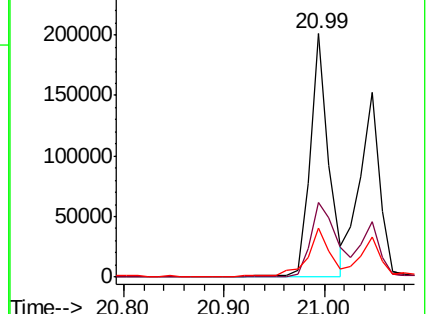
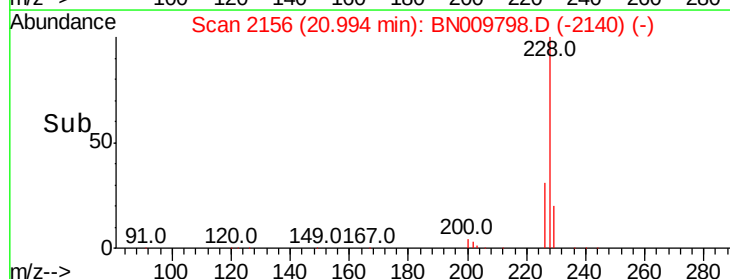
229 20.2 17.1 25.7

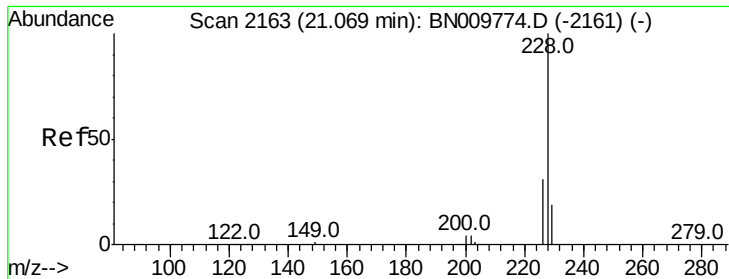


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

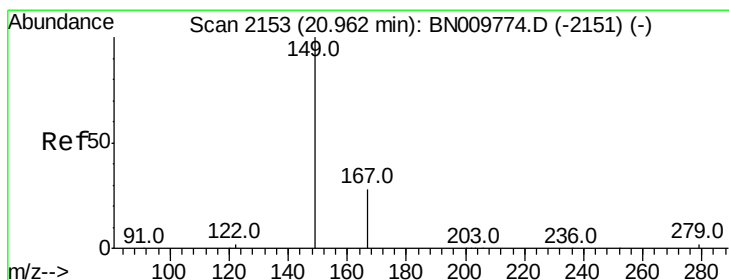
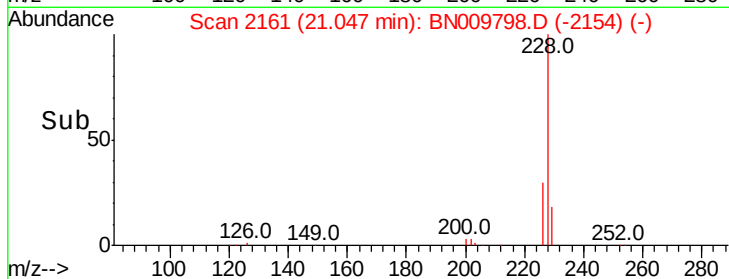
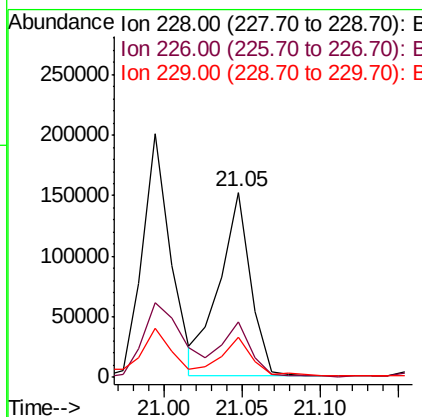
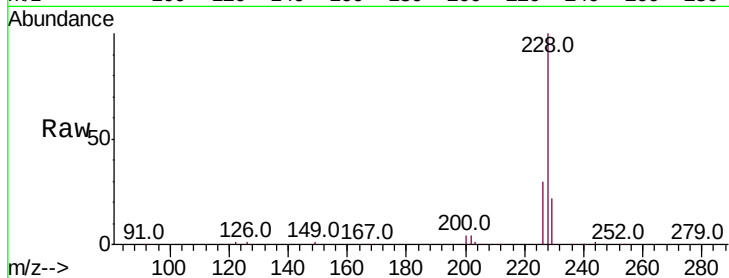




#31
 Chrysene
 Concen: 7.298 ng
 RT: 21.05 min Scan# 2161
 Delta R.T. -0.02 min
 Lab File: BN009798.D
 Acq: 21 Feb 2020 02:46

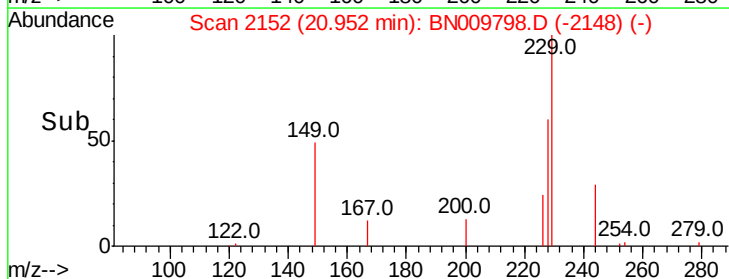
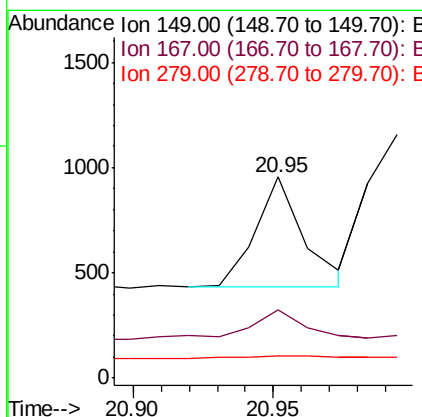
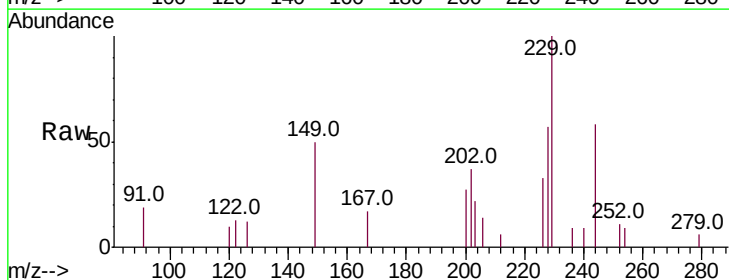
Instrument :
 BNA_N
 ClientSampleId :

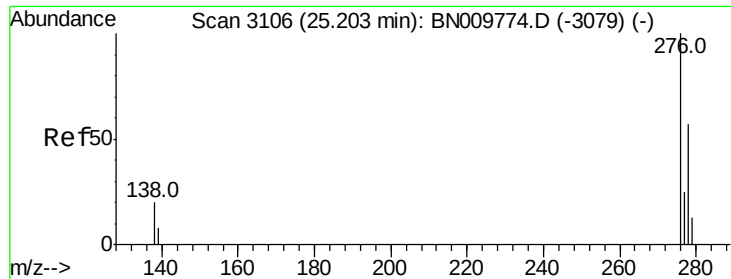
Tot Ion:228 Resp: 212226
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.8 37.2
 229 21.7 16.4 24.6



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.051 ng
 RT: 20.95 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BN009798.D
 Acq: 21 Feb 2020 02:46

Tgt Ion:149 Resp: 621
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.7 34.1
 279 5.3 3.1 4.7#





#33

Indeno(1,2,3-cd)pyrene

Concen: 5.715 ng

RT: 25.15 min Scan# 3091

Delta R.T. -0.05 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

Instrument :

BNA_N

ClientSampleId :

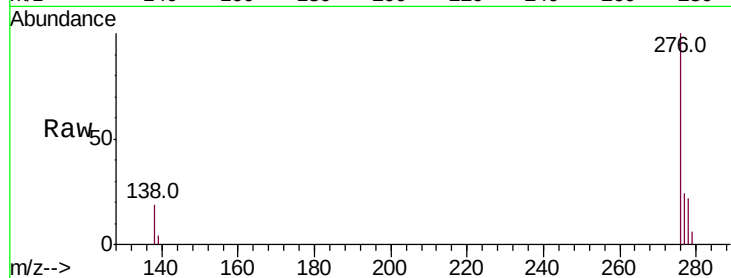
Tot Ion:276 Resp: 173055

Ion Ratio Lower Upper

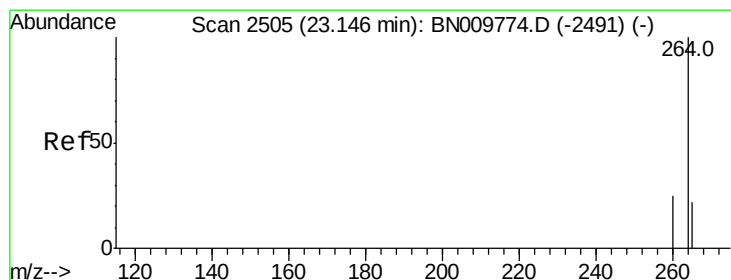
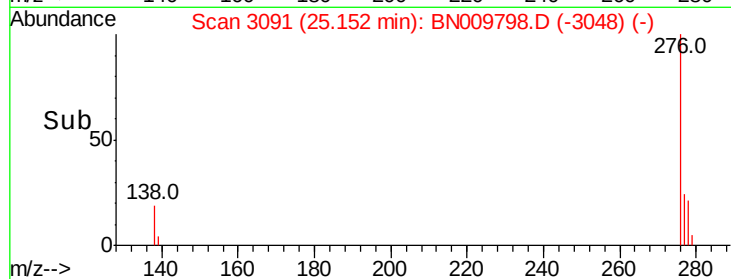
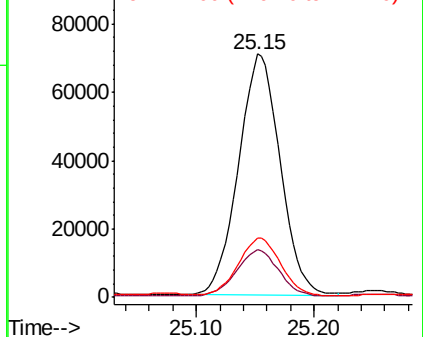
276 100

138 19.3 15.8 23.6

277 24.7 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: 23.11 min Scan# 2495

Delta R.T. -0.03 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

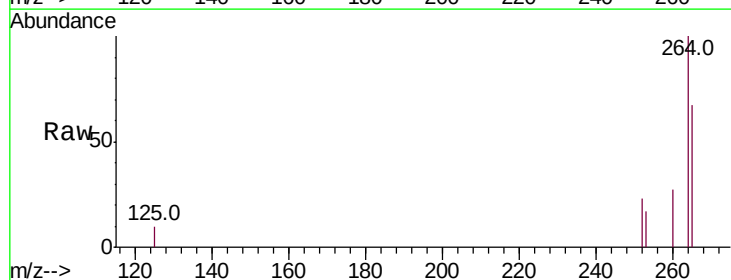
Tgt Ion:264 Resp: 7640

Ion Ratio Lower Upper

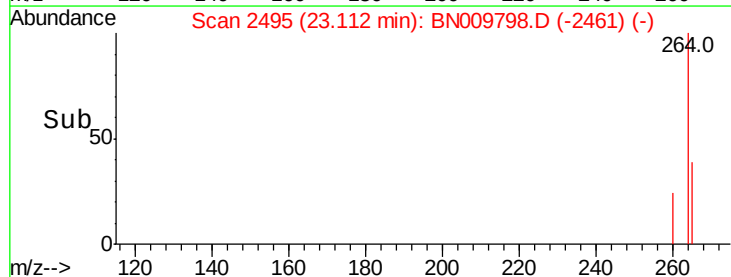
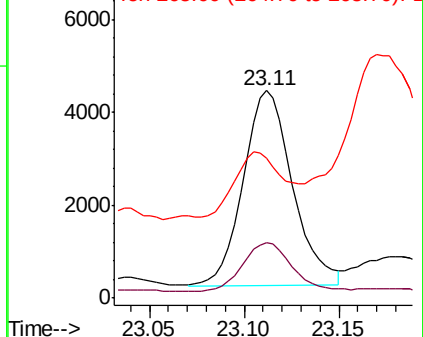
264 100

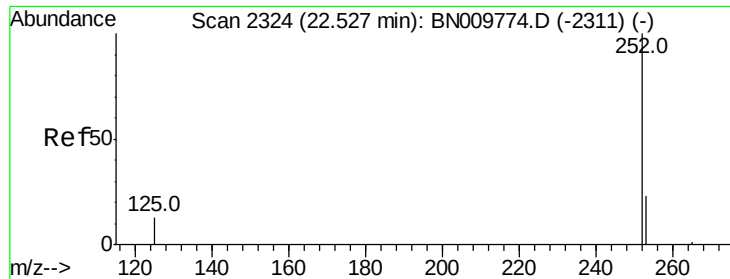
260 26.5 21.1 31.7

265 67.2 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

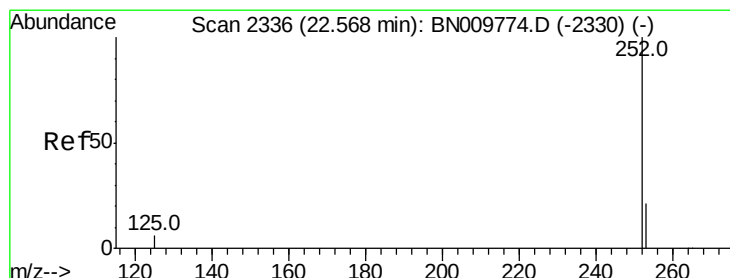
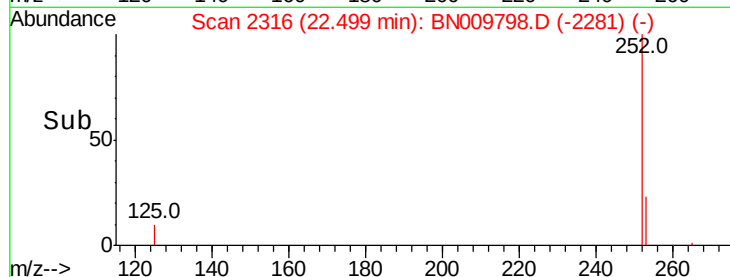
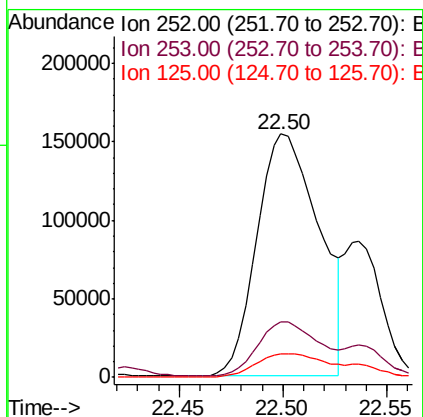
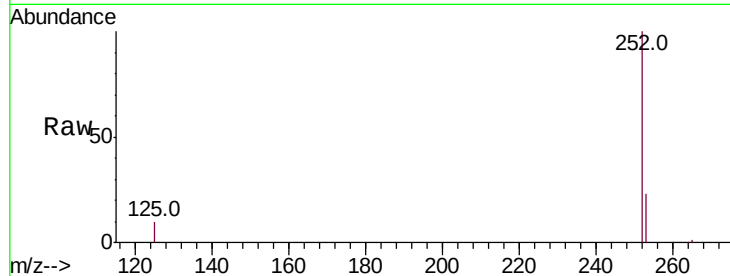




#35
Benzo(b)fluoranthene
Concen: 11.526 ng
RT: 22.50 min Scan# 2316
Delta R.T. -0.03 min
Lab File: BN009798.D
Acq: 21 Feb 2020 02:46

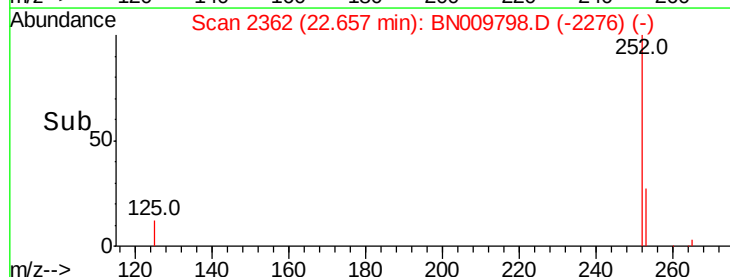
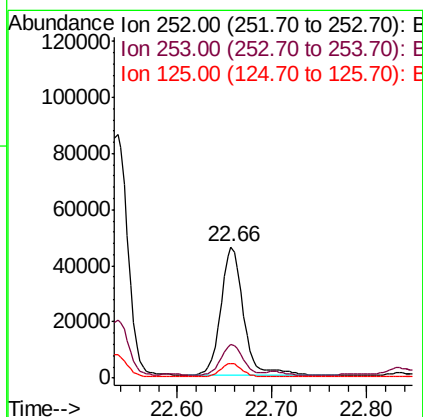
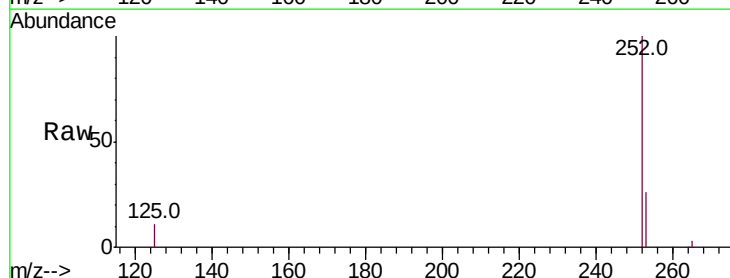
Instrument :
BNA_N
ClientSampleId :

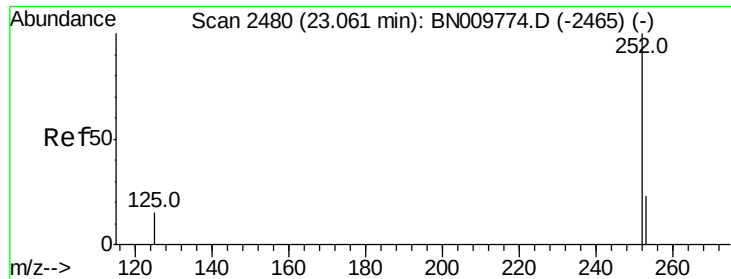
Tot Ion:252 Resp: 321927
Ion Ratio Lower Upper
252 100
253 22.6 23.0 34.6#
125 9.7 14.4 21.6#



#36
Benzo(k)fluoranthene
Concen: 2.524 ng
RT: 22.66 min Scan# 2362
Delta R.T. 0.09 min
Lab File: BN009798.D
Acq: 21 Feb 2020 02:46

Tgt Ion:252 Resp: 76758
Ion Ratio Lower Upper
252 100
253 25.9 22.2 33.2
125 11.5 10.5 15.7





#37

Benzo(a)pyrene

Concen: 10.023 ng

RT: 23.02 min Scan# 2469

Delta R.T. -0.04 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

Instrument :

BNA_N

ClientSampleId :

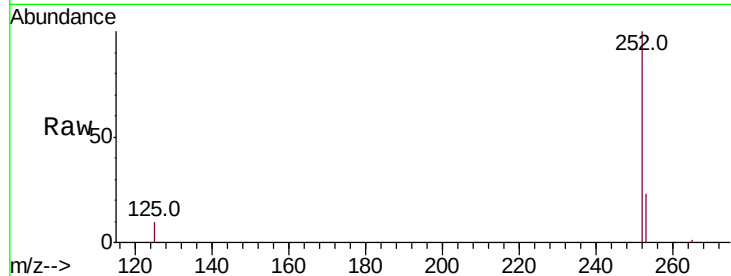
Tot Ion:252 Resp: 255435

Ion Ratio Lower Upper

252 100

253 22.8 25.3 37.9#

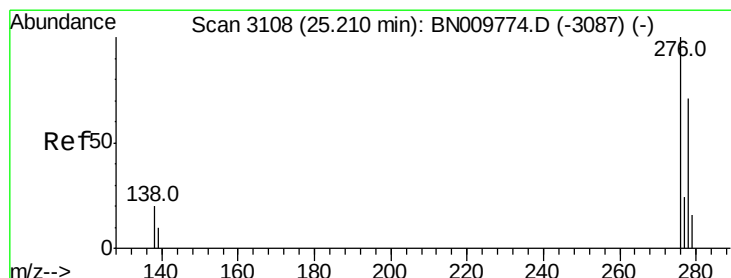
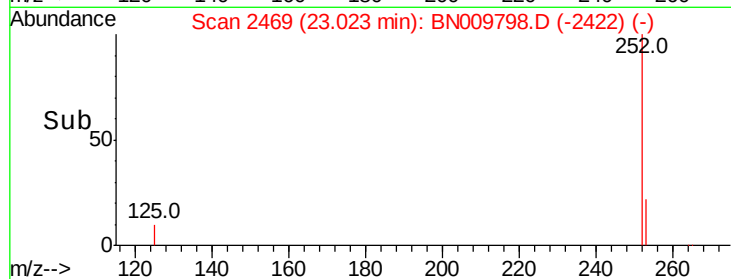
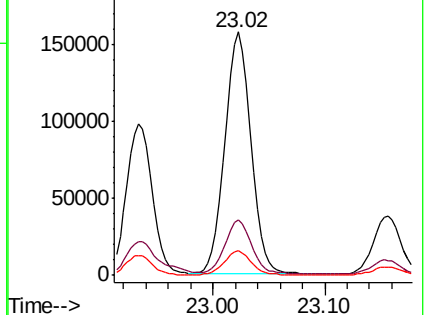
125 10.0 17.7 26.5#



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: 1.921 ng

RT: 25.16 min Scan# 3092

Delta R.T. -0.05 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

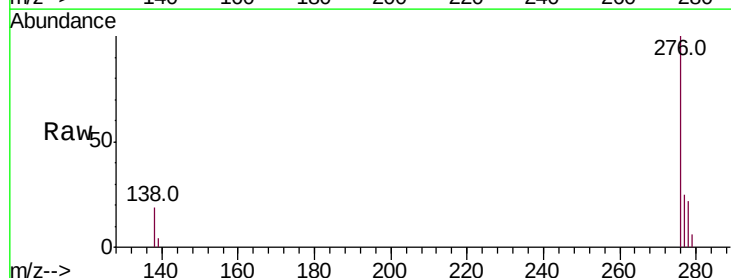
Tgt Ion:278 Resp: 48193

Ion Ratio Lower Upper

278 100

139 17.5 14.5 21.7

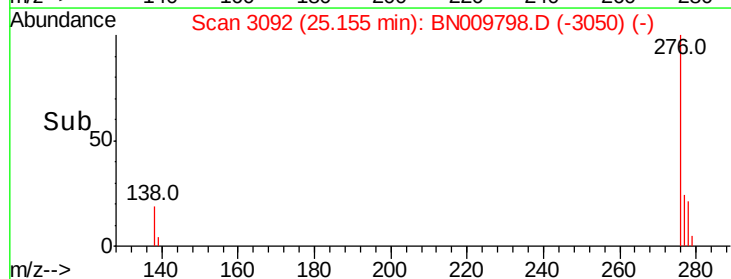
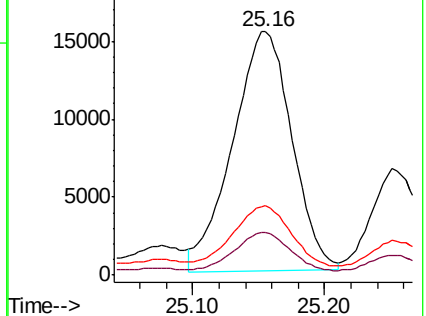
279 28.4 24.3 36.5

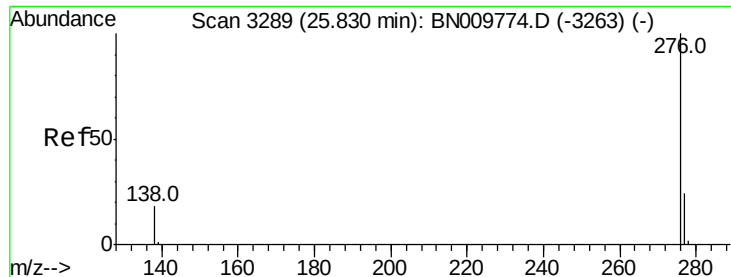


Abundance Ion 278.00 (277.70 to 278.70): E

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: 6.580 ng

RT: 25.77 min Scan# 3272

Delta R.T. -0.06 min

Lab File: BN009798.D

Acq: 21 Feb 2020 02:46

Instrument :

BNA_N

ClientSampleId :

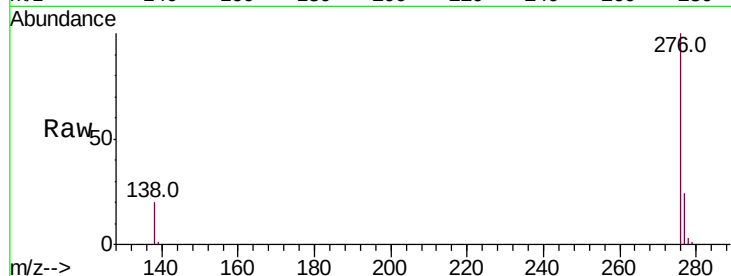
Tot Ion:276 Resp: 175884

Ion Ratio Lower Upper

276 100

277 23.9 21.4 32.0

138 19.7 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

