

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
 Data File : BN009786.D
 Acq On : 19 Feb 2020 20:22
 Operator : CG/JU
 Sample : L1468-04 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP10-EP2-3

Quant Time: Feb 20 04:24:07 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	7.42	152	1388	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	5289	0.40	ng	-0.03
13) Acenaphthene-d10	14.05	164	3569	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	7055	0.40	ng	-0.01
27) Chrysene-d12	21.02	240	8002	0.40	ng	-0.02
34) Perylene-d12	23.13	264	8007	0.40	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.09	112	123	0.04	ng	0.00
5) Phenol-d6	6.66	99	126	0.03	ng	0.02
8) Nitrobenzene-d5	8.58	82	132	0.03	ng	-0.01
11) 2-Methylnaphthalene-d10	11.76	152	253	0.02	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	43	0.03	ng	-0.02
15) 2-Fluorobiphenyl	12.66	172	467	0.03	ng	-0.02
25) Fluoranthene-d10	18.84	212	414	0.02	ng	-0.02
29) Terphenyl-d14	19.46	244	969	0.05	ng	-0.02

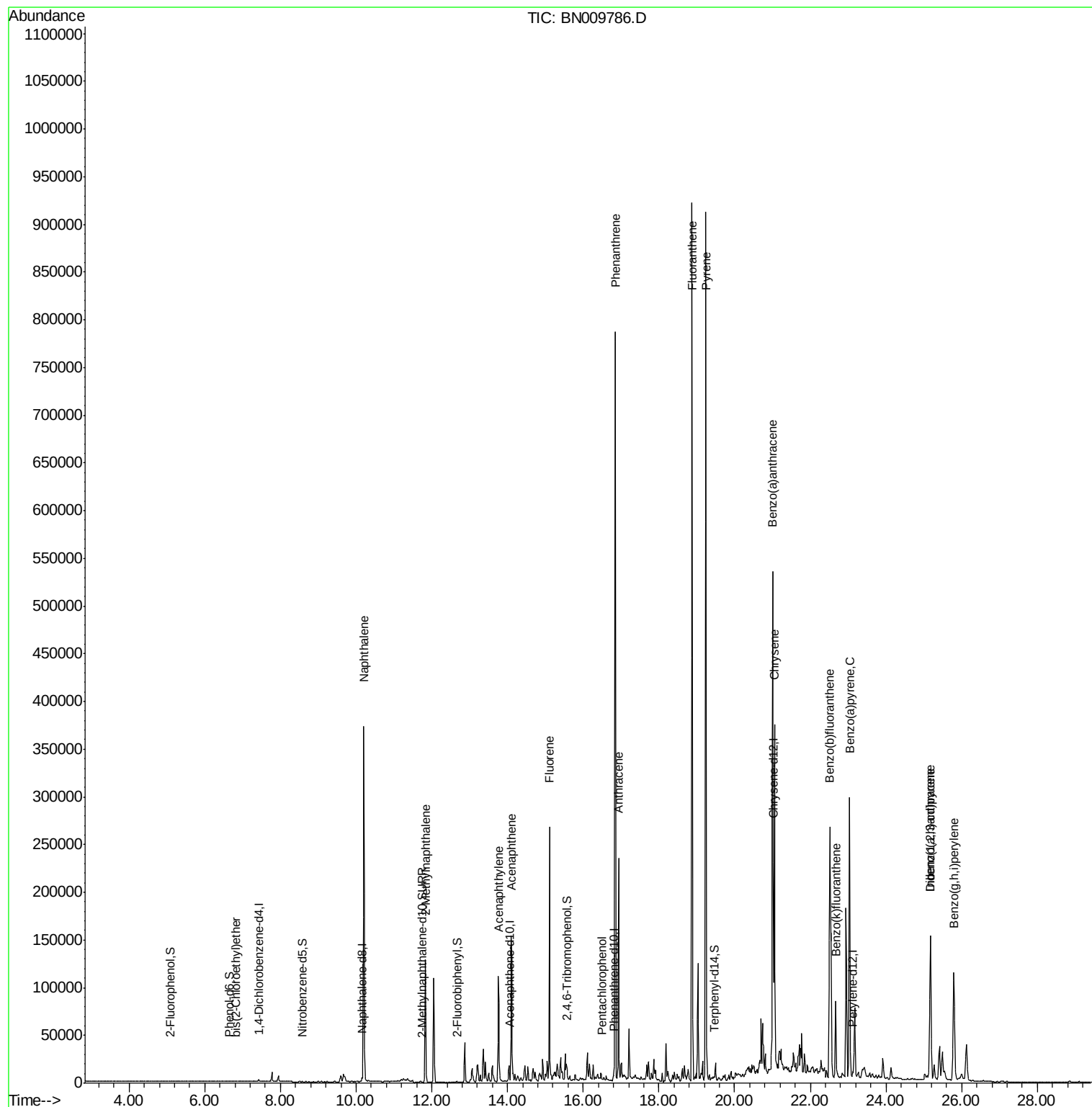
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) bis(2-Chloroethyl)ether	6.82	93	178	0.049	ng	# 41
9) Naphthalene	10.20	128	461494	31.992	ng	# 93
12) 2-Methylnaphthalene	11.83	142	90374	9.138	ng	97
16) Acenaphthylene	13.76	152	119435	7.850	ng	98
17) Acenaphthene	14.10	154	81399	7.608	ng	99
18) Fluorene	15.10	166	157710	11.171	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	94	Below Cal		# 1
22) Pentachlorophenol	16.50	266	6	0.183	ng	# 76
23) Phenanthrene	16.85	178	878201	41.825	ng	99
24) Anthracene	16.93	178	225956	12.731	ng	99
26) Fluoranthene	18.87	202	806554	32.082	ng	99
28) Pyrene	19.24	202	791554	26.050	ng	98
30) Benzo(a)anthracene	21.00	228	421599	15.876	ng	94
31) Chrysene	21.06	228	332376	10.819	ng	97
33) Indeno(1,2,3-cd)pyrene	25.17	276	211922	6.624	ng	99
35) Benzo(b)fluoranthene	22.51	252	420929	14.380	ng	# 86
36) Benzo(k)fluoranthene	22.67	252	105003	3.295	ng	96
37) Benzo(a)pyrene	23.04	252	373467	13.983	ng	# 80
38) Dibenzo(a,h)anthracene	25.17	278	56191	2.137	ng	98
39) Benzo(g,h,i)perylene	25.79	276	212978	7.602	ng	96

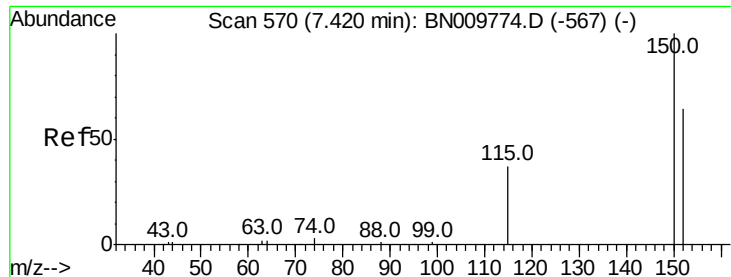
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
Data File : BN009786.D
Acq On : 19 Feb 2020 20:22
Operator : CG/JU
Sample : L1468-04 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TP10-EP2-3

Quant Time: Feb 20 04:24:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



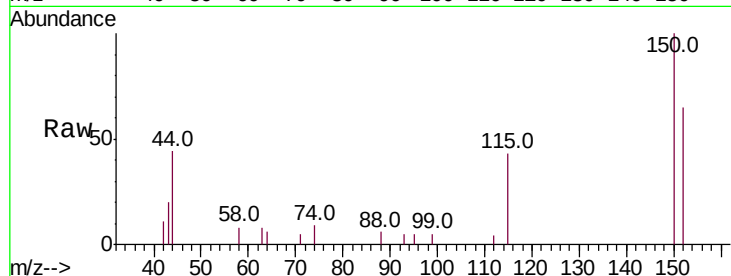


#1

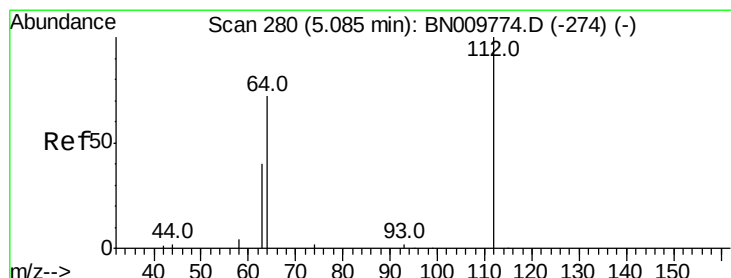
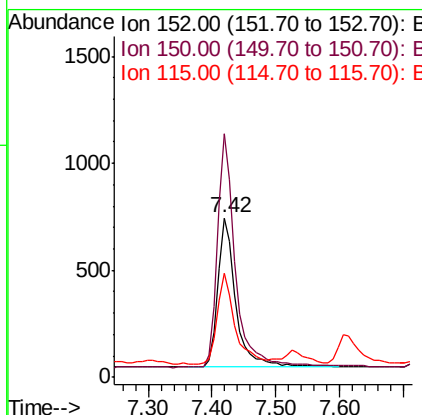
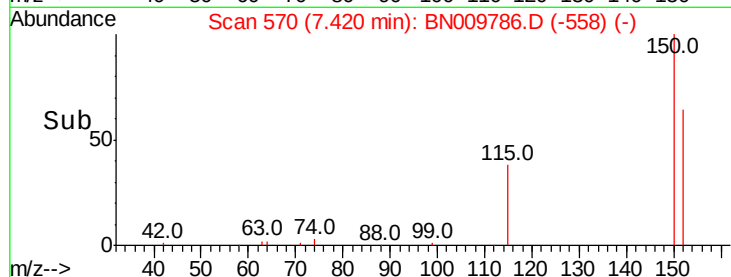
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 570
Delta R.T. -0.00 min
Lab File: BN009786.D
Acq: 19 Feb 2020 20:22

Instrument :
BNA_N
ClientSampleId :
TP10-EP2-3

Tot Ion:152 Resp: 1388
Ion Ratio Lower Upper
152 100
150 152.8 120.6 181.0
115 65.1 51.2 76.8



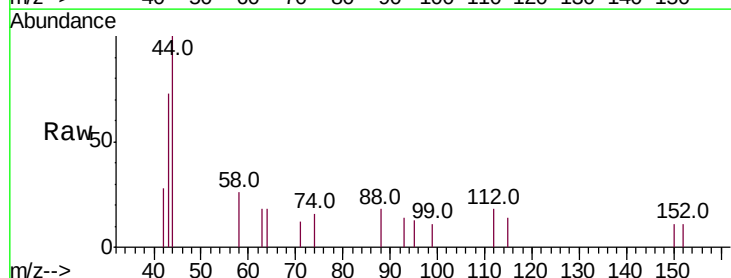
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



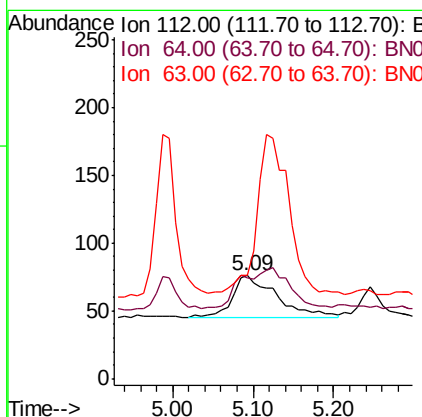
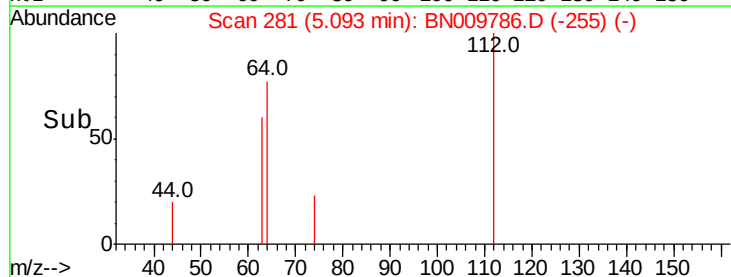
#4

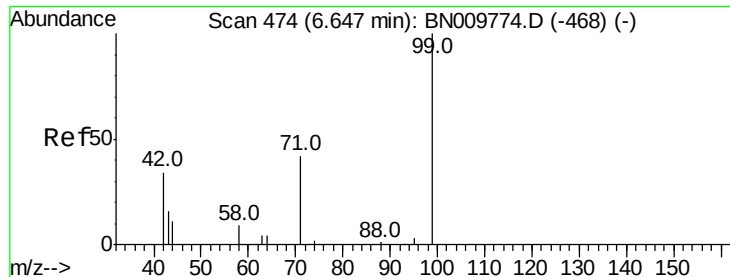
2-Fluorophenol
Concen: 0.040 ng
RT: 5.09 min Scan# 281
Delta R.T. 0.01 min
Lab File: BN009786.D
Acq: 19 Feb 2020 20:22

Tgt Ion:112 Resp: 123
Ion Ratio Lower Upper
112 100
64 0.0 65.8 98.6#
63 0.0 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: 0.034 ng

RT: 6.66 min Scan# 476

Delta R.T. 0.02 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

Instrument :

BNA_N

ClientSampleId :

TP10-EP2-3

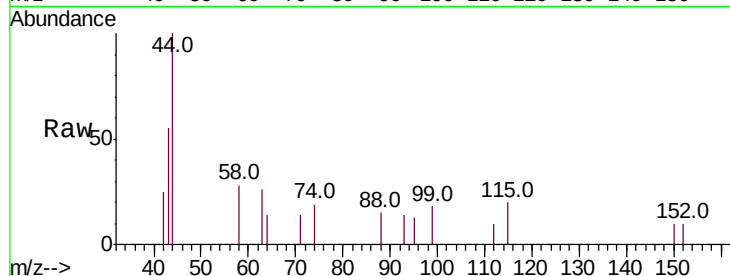
Tot Ion: 99 Resp: 126

Ion Ratio Lower Upper

99 100

42 18.3 30.8 46.2#

71 44.4 34.9 52.3

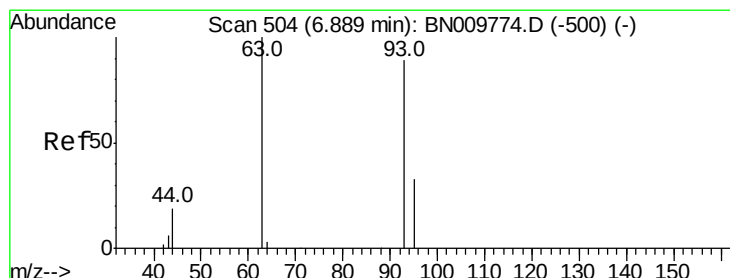
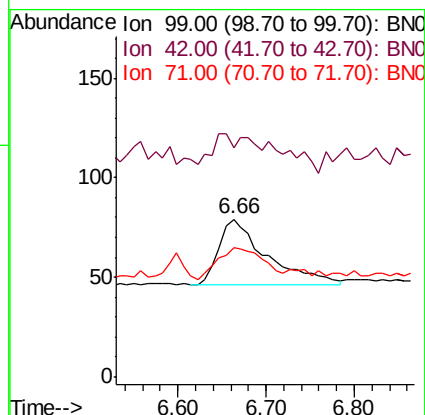
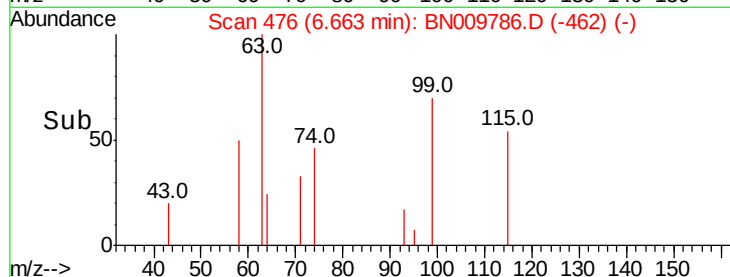


Abundance Ion 99.00 (98.70 to 99.70): BN009774.D (-468) (-)

Ion 42.00 (41.70 to 42.70): BN009774.D (-468) (-)

Ion 71.00 (70.70 to 71.70): BN009774.D (-468) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.049 ng

RT: 6.82 min Scan# 495

Delta R.T. -0.07 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

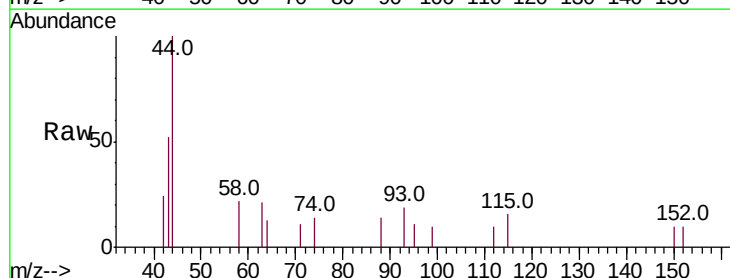
Tgt Ion: 93 Resp: 178

Ion Ratio Lower Upper

93 100

63 36.0 74.0 111.0#

95 0.0 26.7 40.1#

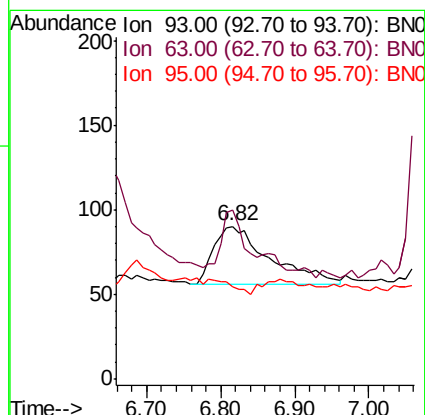
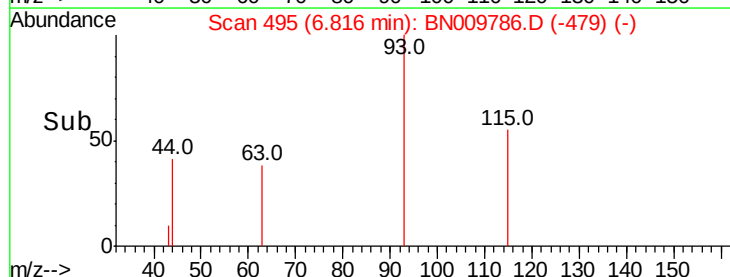


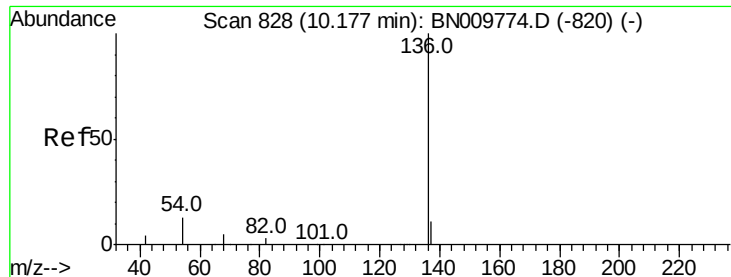
Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)

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: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

Instrument :

BNA_N

ClientSampleId :

TP10-EP2-3

Tot Ion:136 Resp: 5289

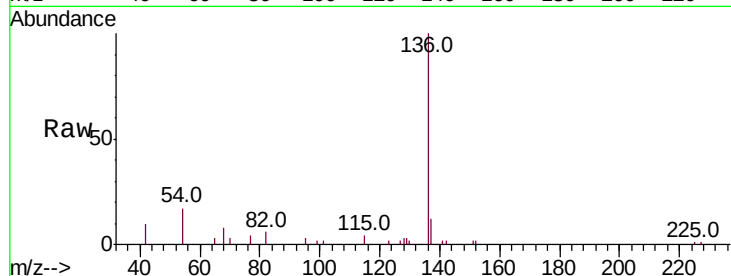
Ion Ratio Lower Upper

136 100

137 12.5 11.3 16.9

54 17.1 13.4 20.2

68 8.3 7.0 10.4

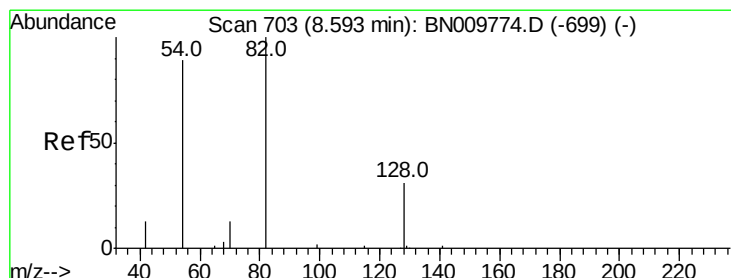
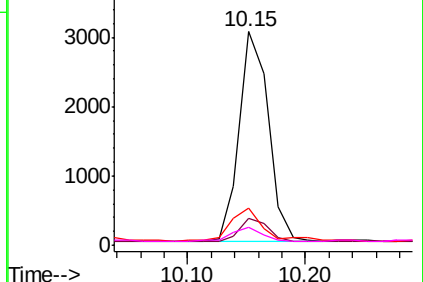
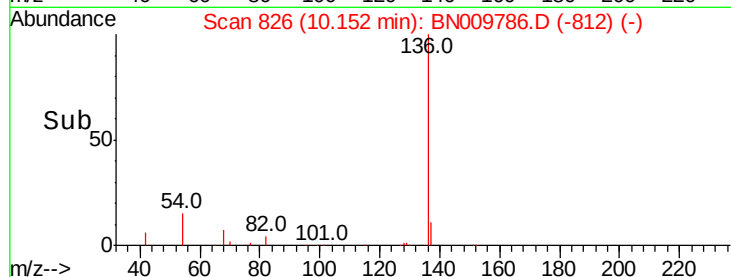


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.030 ng

RT: 8.58 min Scan# 702

Delta R.T. -0.01 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

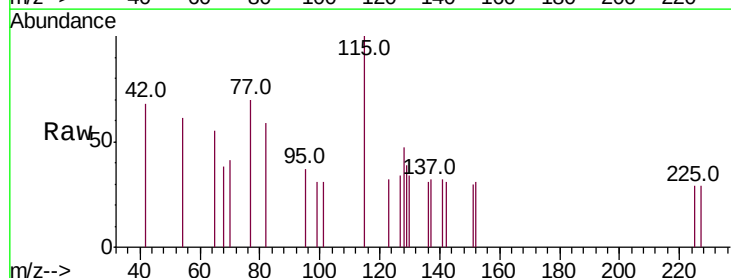
Tgt Ion: 82 Resp: 132

Ion Ratio Lower Upper

82 100

128 79.6 32.5 48.7#

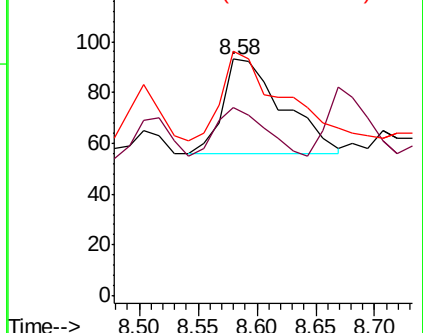
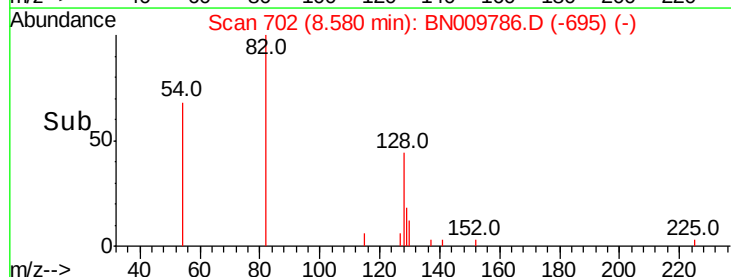
54 103.2 73.5 110.3

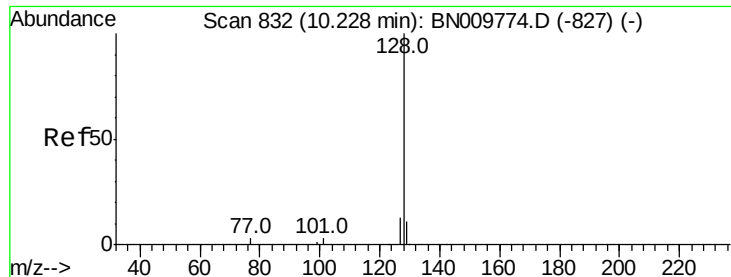


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 31.992 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

Instrument :

BNA_N

ClientSampleId :

TP10-EP2-3

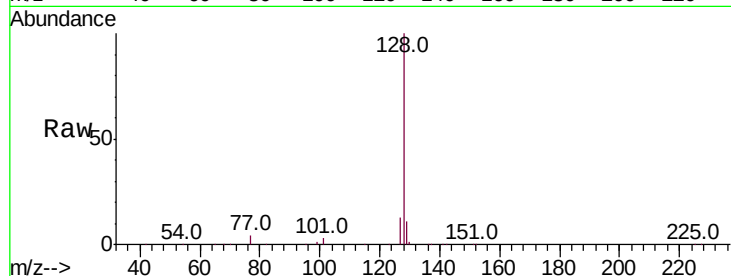
Tot Ion:128 Resp: 461494

Ion Ratio Lower Upper

128 100

129 10.9 11.1 16.7#

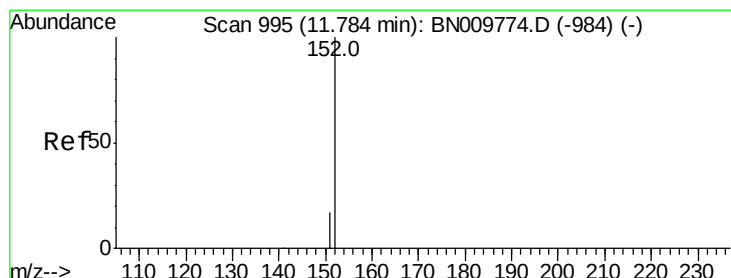
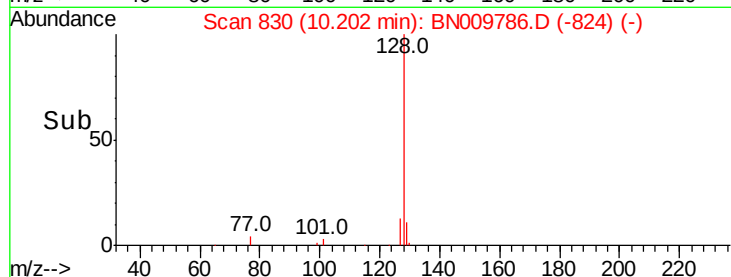
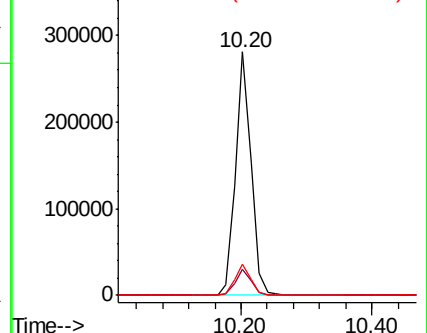
127 13.0 12.6 19.0



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: 0.025 ng

RT: 11.76 min Scan# 989

Delta R.T. -0.03 min

Lab File: BN009786.D

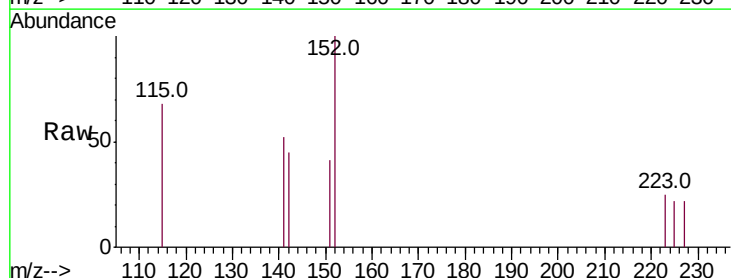
Acq: 19 Feb 2020 20:22

Tgt Ion:152 Resp: 253

Ion Ratio Lower Upper

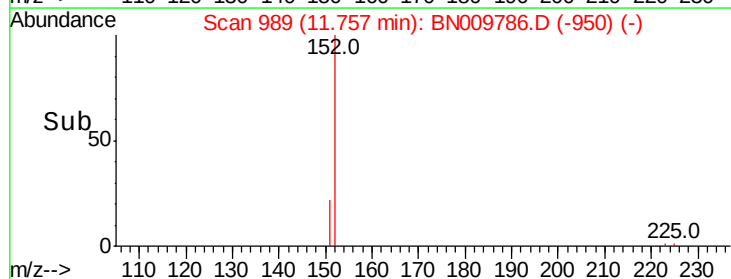
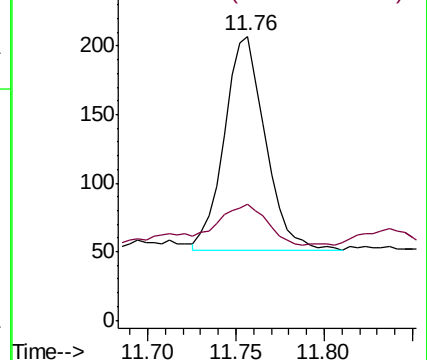
152 100

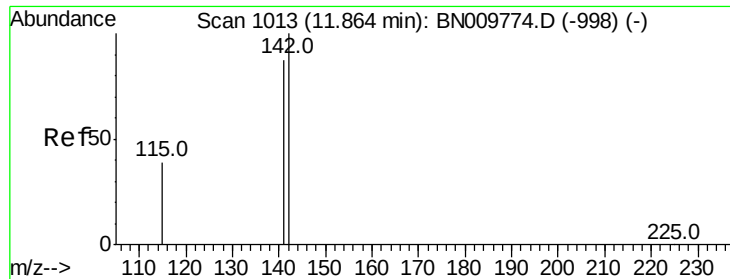
151 26.5 15.1 22.7#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

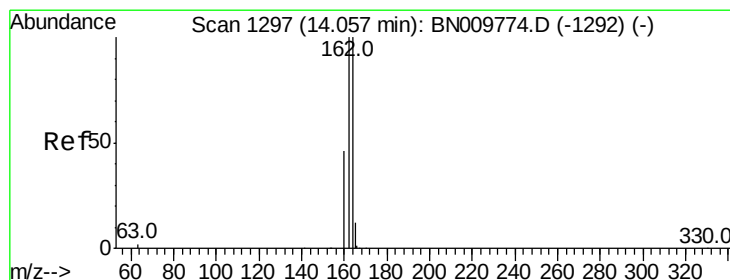
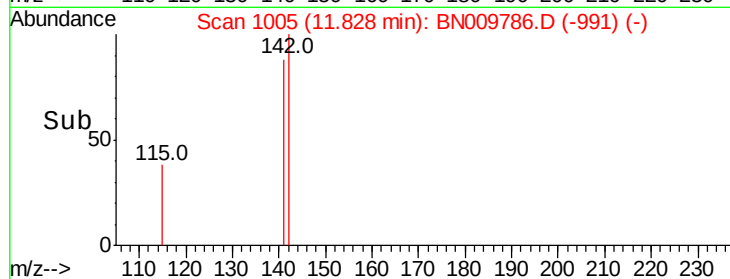
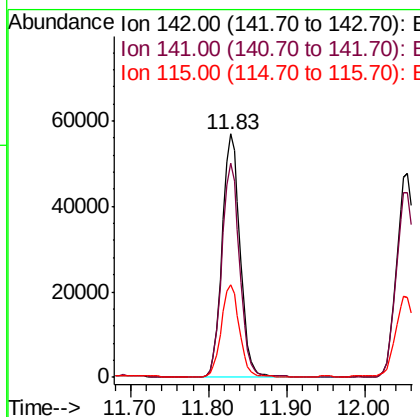
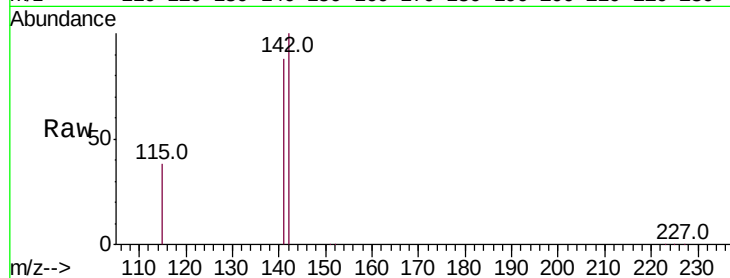




#12
2-Methylnaphthalene
Concen: 9.138 ng
RT: 11.83 min Scan# 1005
Delta R.T. -0.04 min
Lab File: BN009786.D
Acq: 19 Feb 2020 20:22

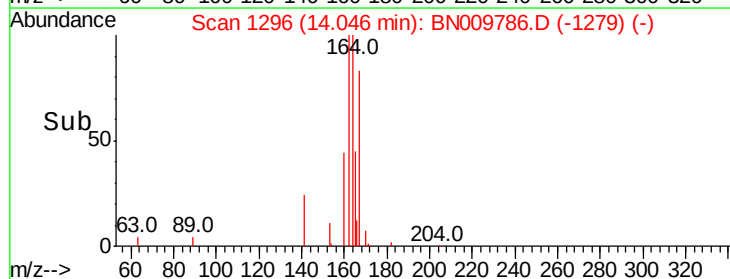
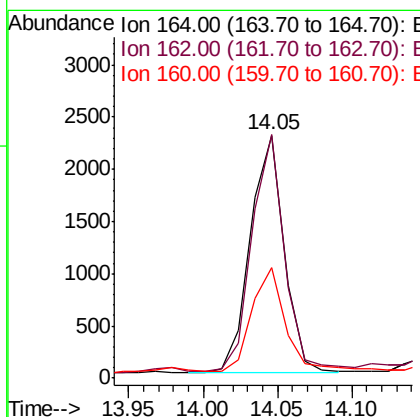
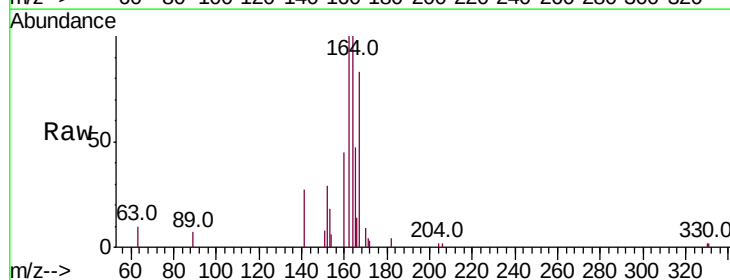
Instrument :
BNA_N
ClientSampleId :
TP10-EP2-3

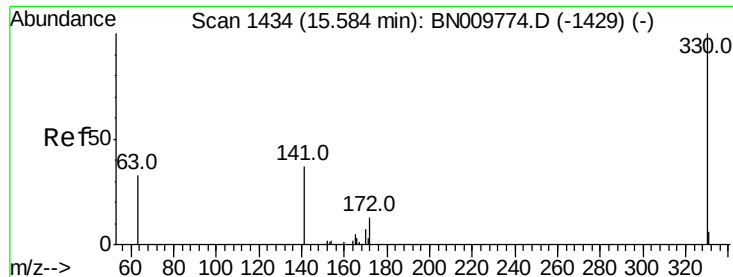
Tot Ion:142 Resp: 90374
Ion Ratio Lower Upper
142 100
141 87.8 69.8 104.6
115 38.3 34.6 52.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.05 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BN009786.D
Acq: 19 Feb 2020 20:22

Tgt Ion:164 Resp: 3569
Ion Ratio Lower Upper
164 100
162 100.5 79.9 119.9
160 45.6 38.2 57.2

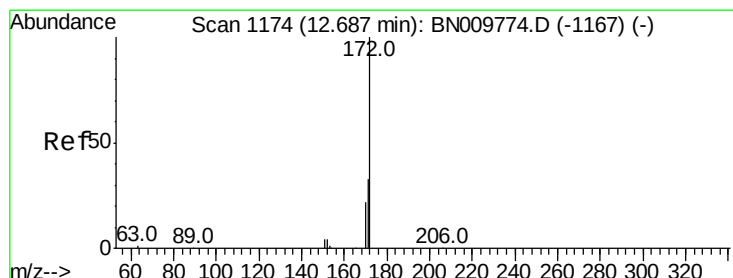
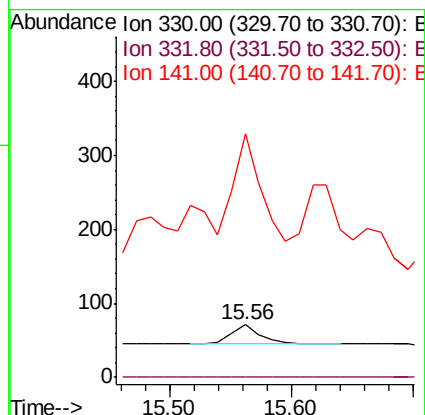
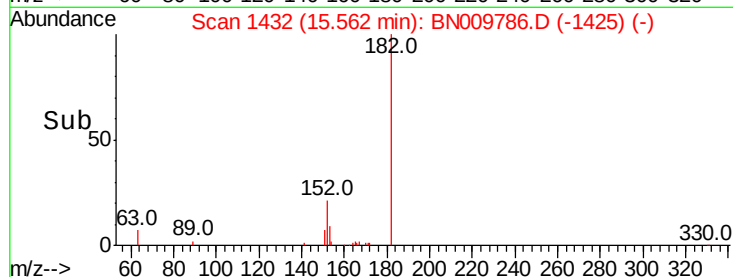
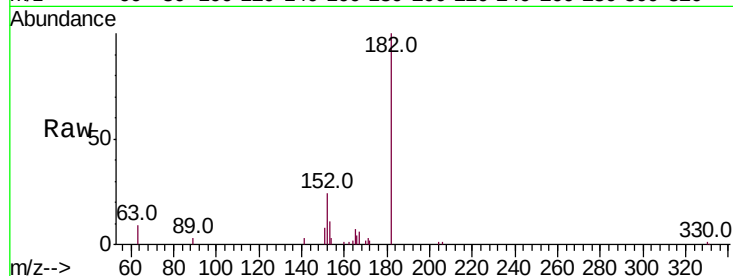




#14
2,4,6-Tribromophenol
Concen: 0.031 ng
RT: 15.56 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BN009786.D
Acq: 19 Feb 2020 20:22

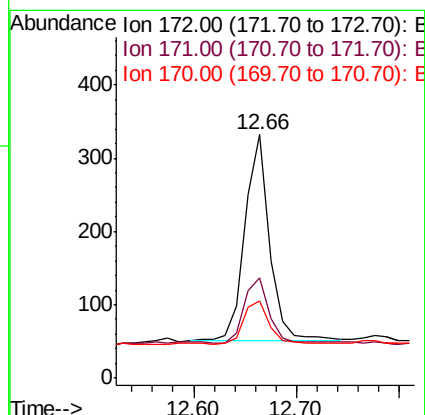
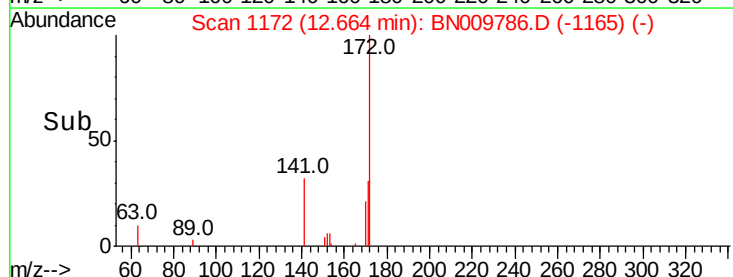
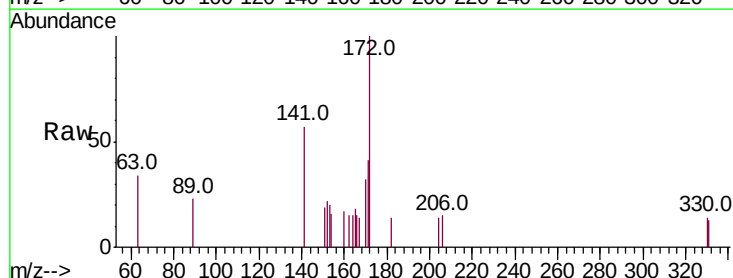
Instrument :
BNA_N
ClientSampleId :
TP10-EP2-3

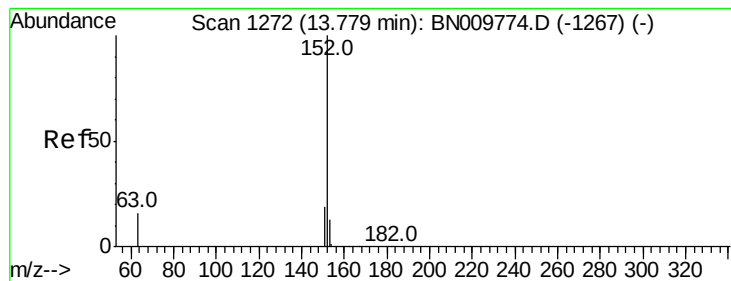
Tot Ion:330 Resp: 43
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 714.0 36.8 55.2#



#15
2-Fluorobiphenyl
Concen: 0.035 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009786.D
Acq: 19 Feb 2020 20:22

Tgt Ion:172 Resp: 467
Ion Ratio Lower Upper
172 100
171 41.0 28.7 43.1
170 31.9 20.1 30.1#





#16

Acenaphthylene

Concen: 7.850 ng

RT: 13.76 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

Instrument :

BNA_N

ClientSampleId :

TP10-EP2-3

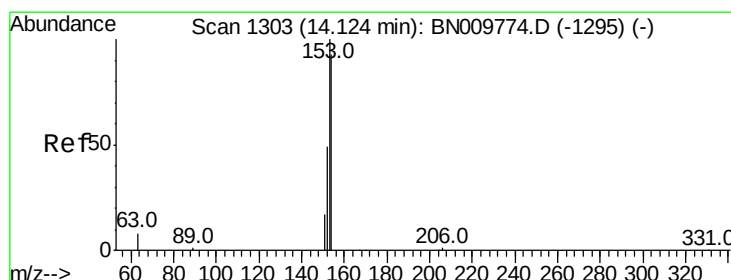
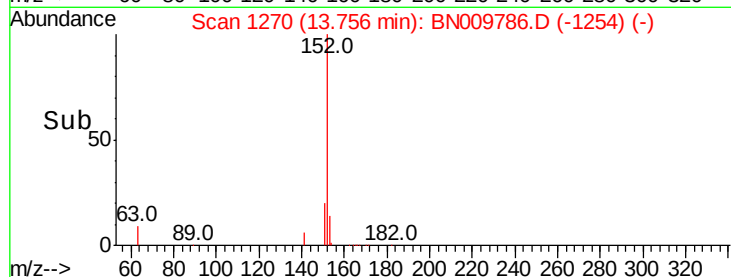
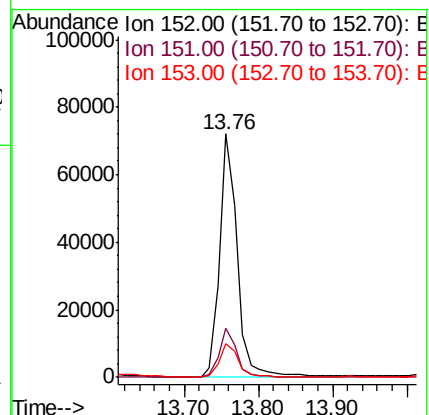
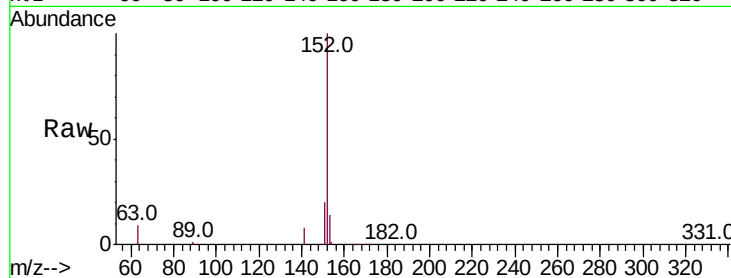
Tot Ion:152 Resp: 119435

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

153 14.5 10.2 15.4



#17

Acenaphthene

Concen: 7.608 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

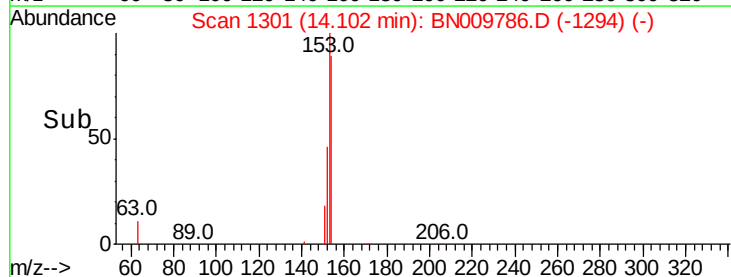
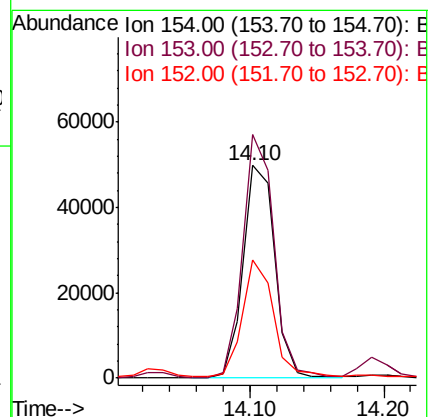
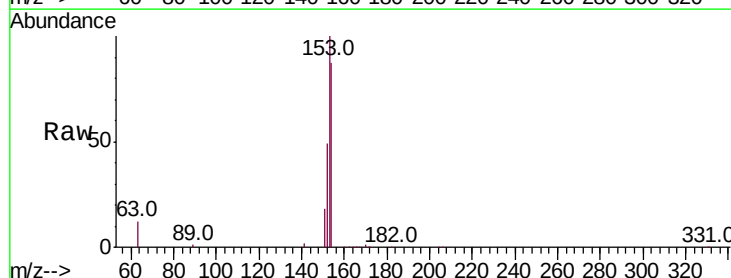
Tgt Ion:154 Resp: 81399

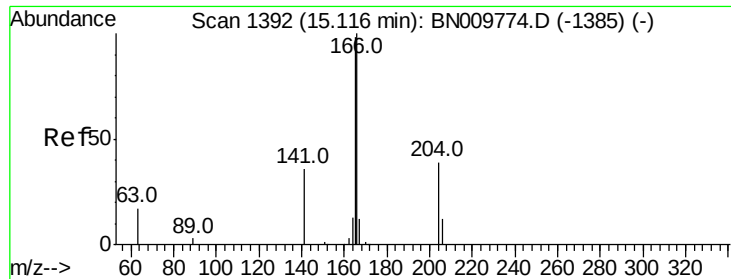
Ion Ratio Lower Upper

154 100

153 112.4 88.9 133.3

152 54.0 44.2 66.2





#18

Fluorene

Concen: 11.171 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

Instrument :

BNA_N

ClientSampleId :

TP10-EP2-3

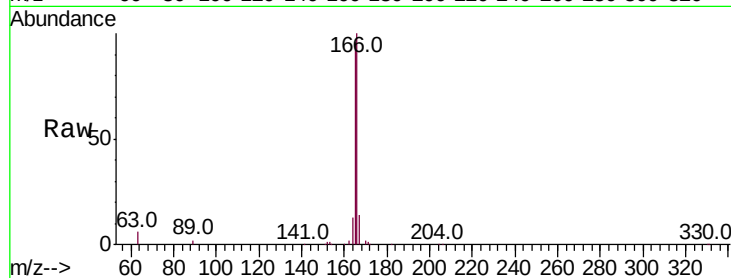
Tot Ion:166 Resp: 157710

Ion Ratio Lower Upper

166 100

165 98.1 77.2 115.8

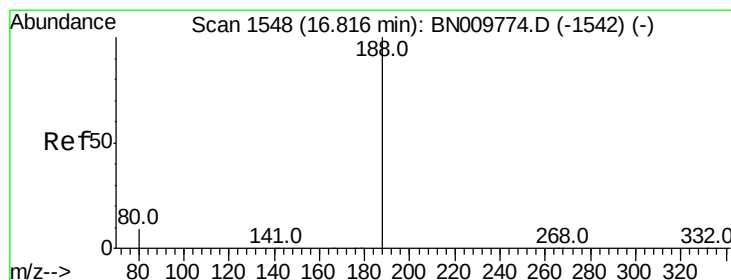
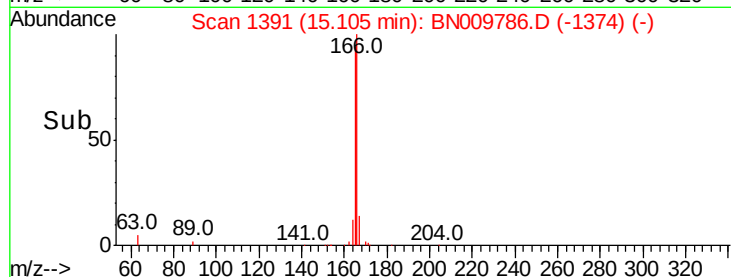
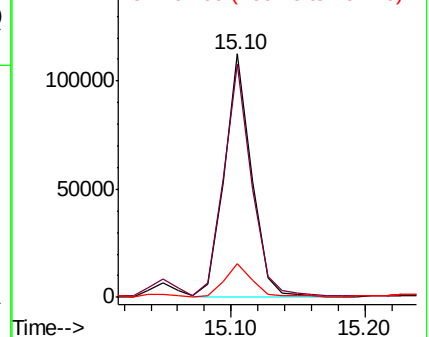
167 14.6 10.5 15.7



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: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

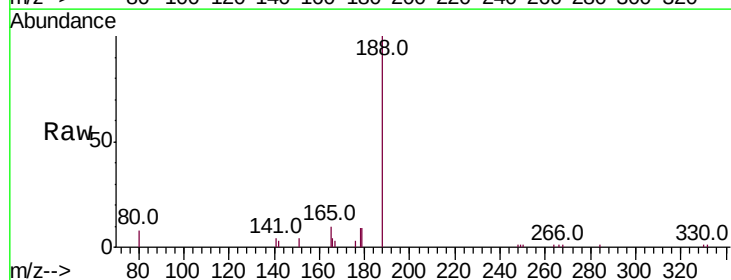
Tgt Ion:188 Resp: 7055

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

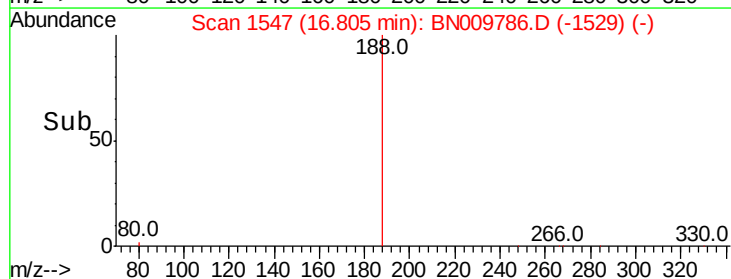
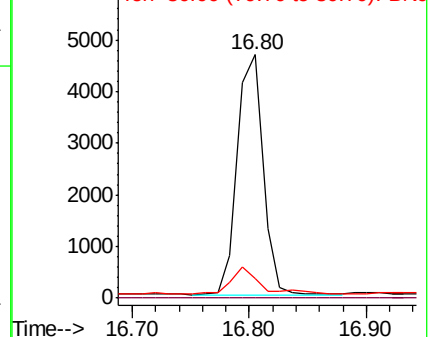
80 8.1 8.3 12.5#

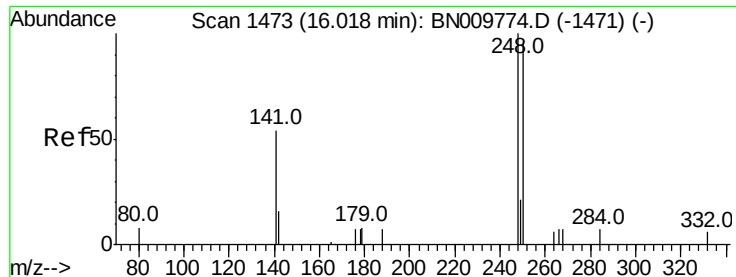


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

Instrument :

BNA_N

ClientSampleId :

TP10-EP2-3

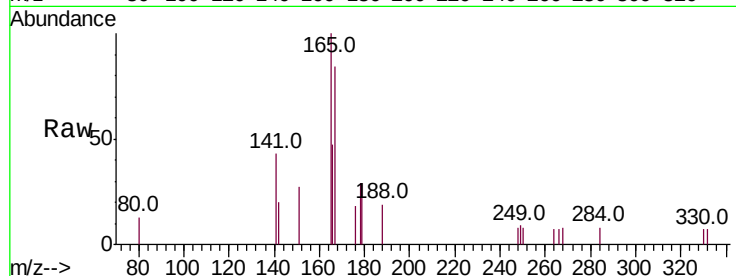
Tot Ion:248 Resp: 94

Ion Ratio Lower Upper

248 100

250 102.0 76.2 114.4

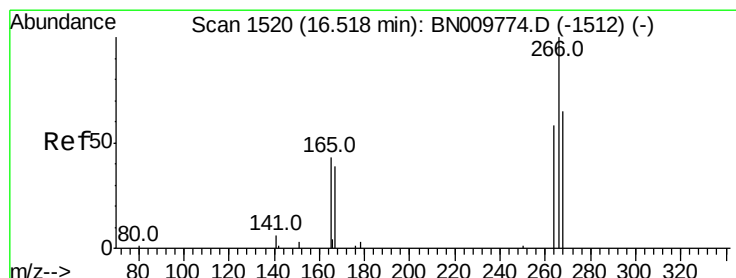
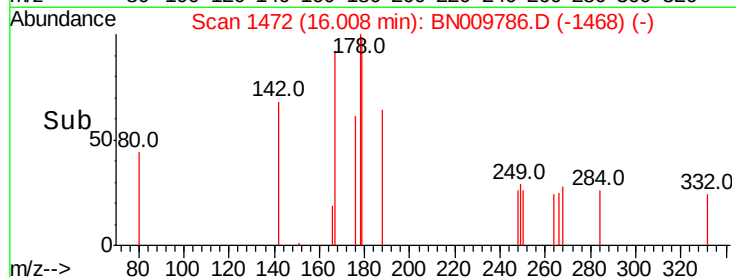
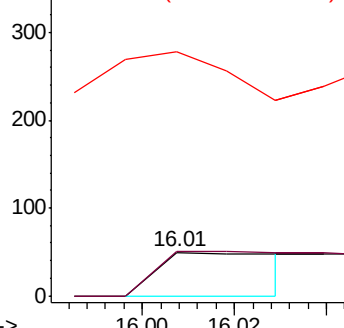
141 567.3 57.8 86.6#



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: 0.183 ng

RT: 16.50 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

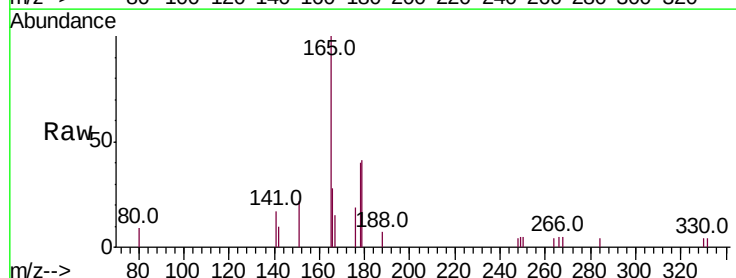
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 90.6 58.1 87.1#

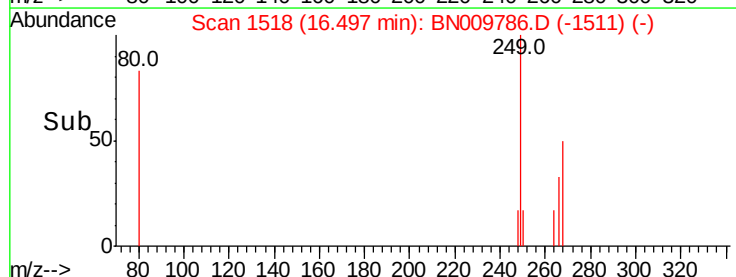
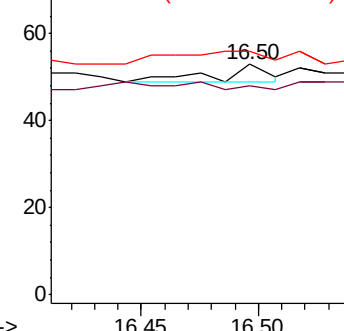
268 105.7 65.7 98.5#

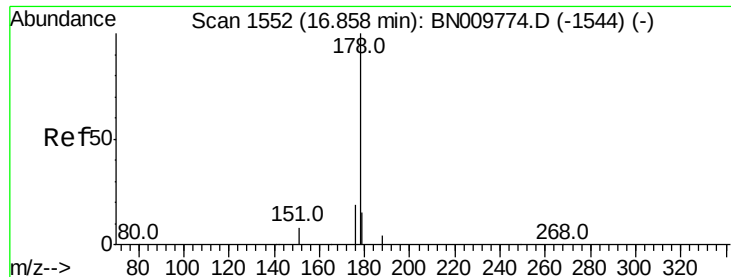


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 41.825 ng

RT: 16.85 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

Instrument :

BNA_N

ClientSampleId :

TP10-EP2-3

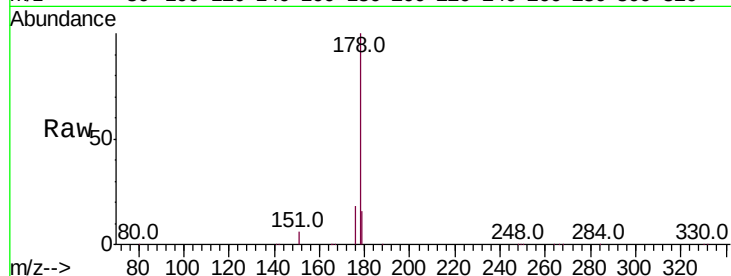
Tot Ion:178 Resp: 878201

Ion Ratio Lower Upper

178 100

176 18.5 15.3 22.9

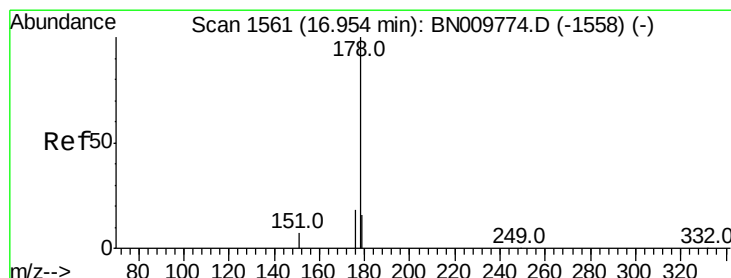
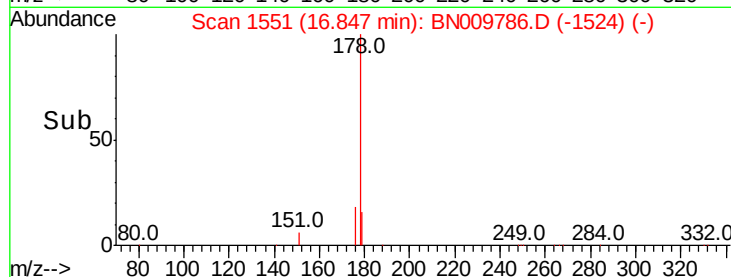
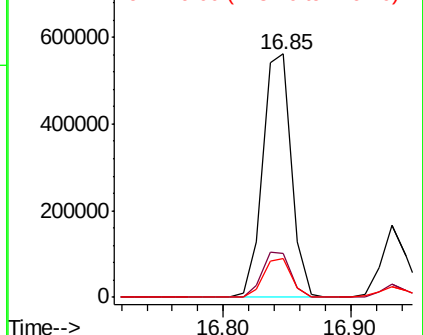
179 15.6 12.4 18.6



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: 12.731 ng

RT: 16.93 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

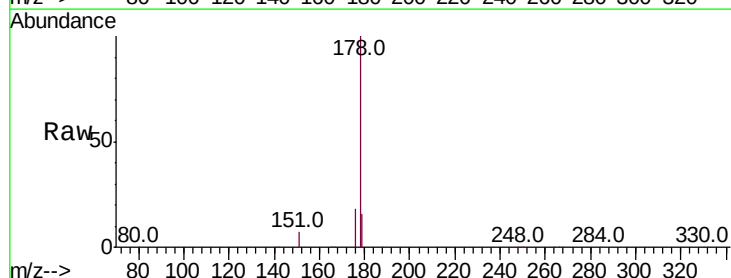
Tgt Ion:178 Resp: 225956

Ion Ratio Lower Upper

178 100

176 17.9 14.3 21.5

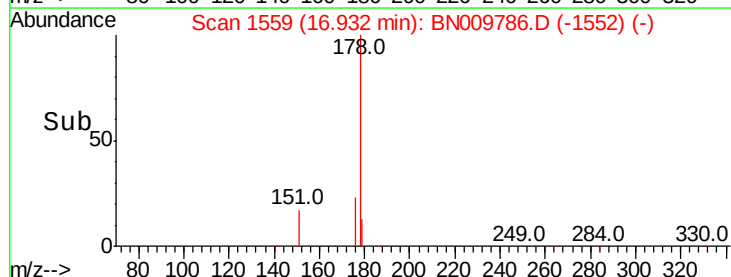
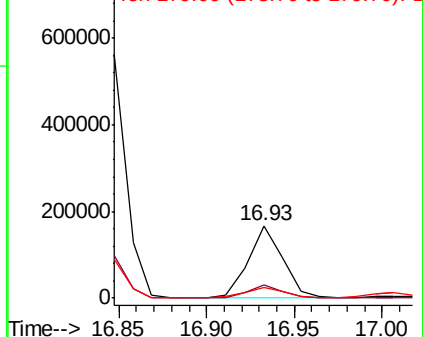
179 16.4 12.4 18.6

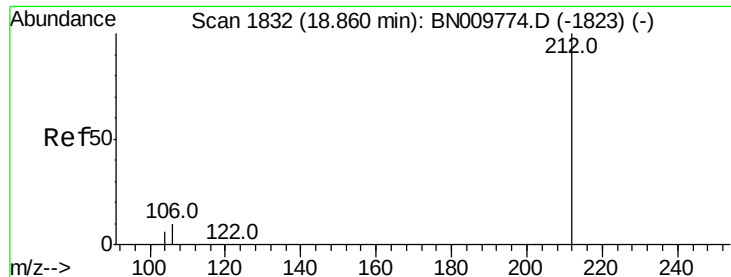


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.017 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

Instrument :

BNA_N

ClientSampleId :

TP10-EP2-3

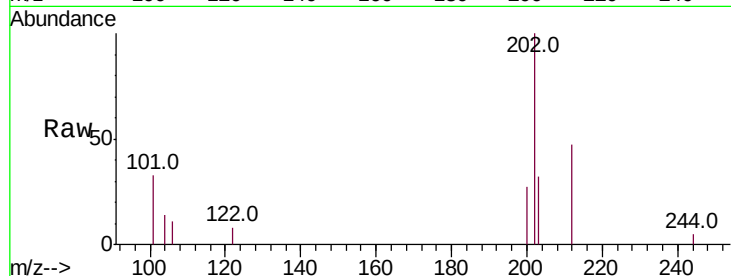
Tot Ion:212 Resp: 414

Ion Ratio Lower Upper

212 100

106 19.3 8.4 12.6#

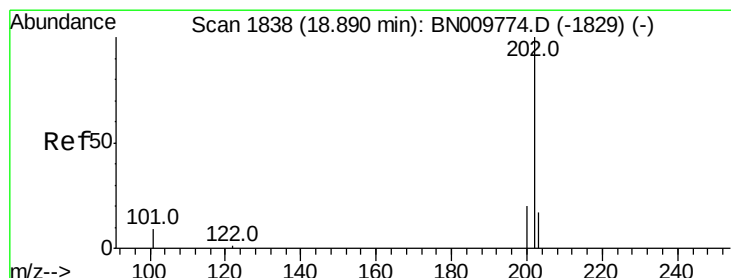
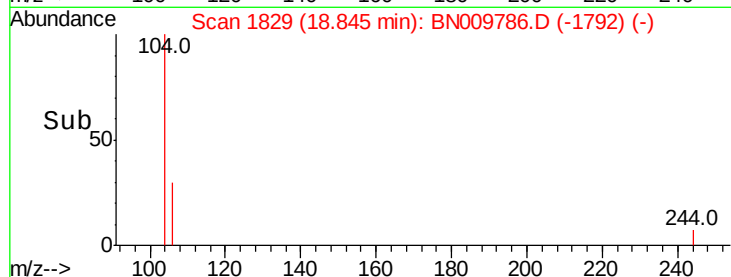
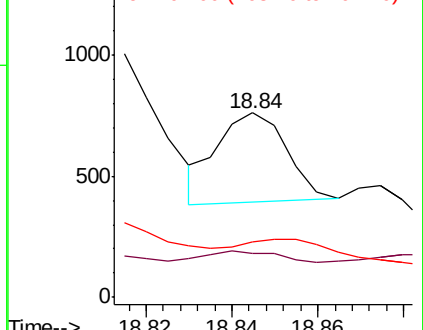
104 44.0 4.8 7.2#



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: 32.082 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

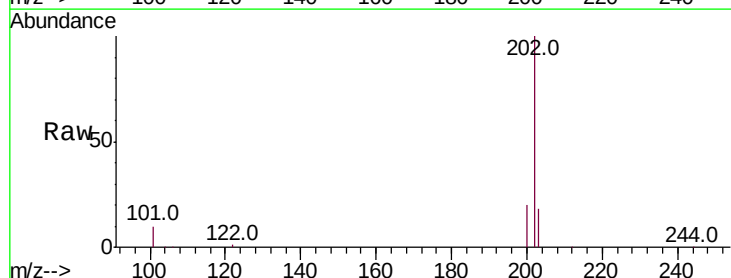
Tgt Ion:202 Resp: 806554

Ion Ratio Lower Upper

202 100

101 9.8 7.1 10.7

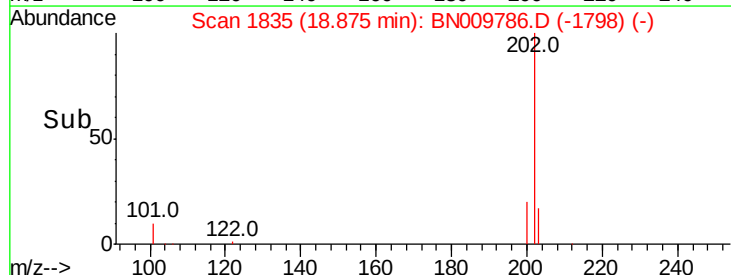
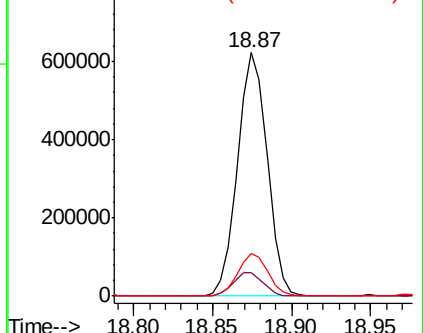
203 17.5 13.8 20.6

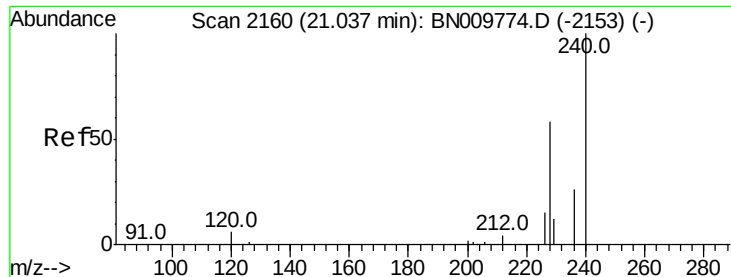


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN009786.D

Acq: 19 Feb 2020 20:22

Instrument :

BNA_N

ClientSampleId :

TP10-EP2-3

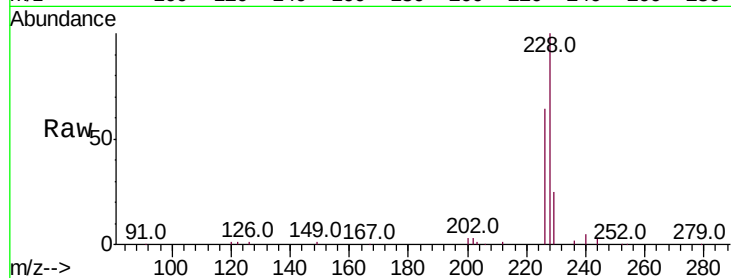
Tot Ion:240 Resp: 8002

Ion Ratio Lower Upper

240 100

120 17.2 7.9 11.9#

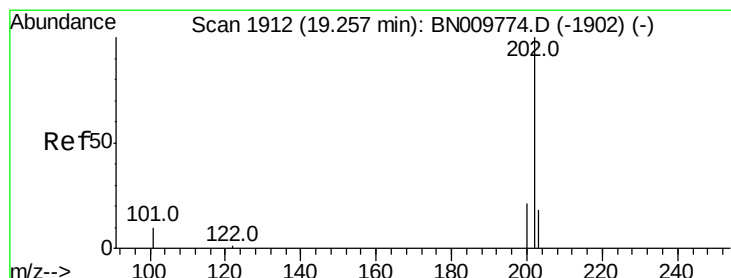
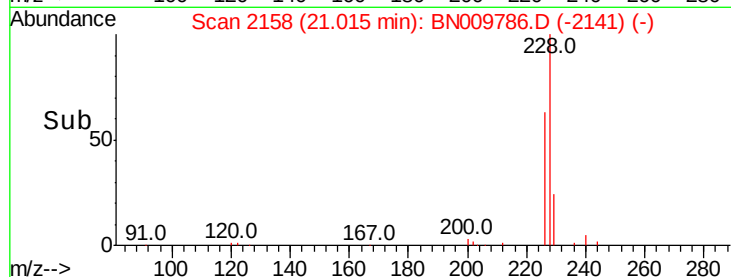
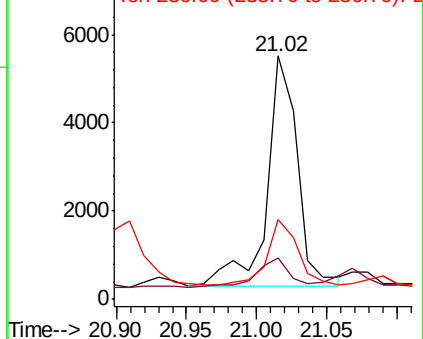
236 33.0 22.0 33.0



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: 26.050 ng

RT: 19.24 min Scan# 1909

Delta R.T. -0.02 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

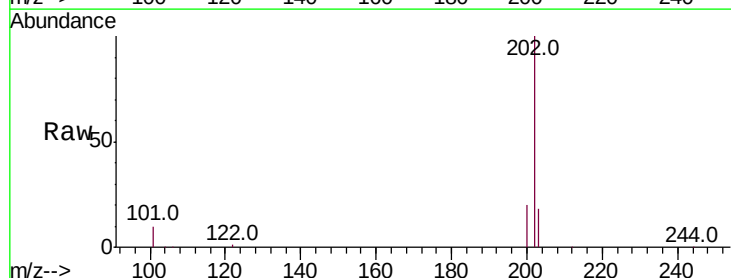
Tgt Ion:202 Resp: 791554

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

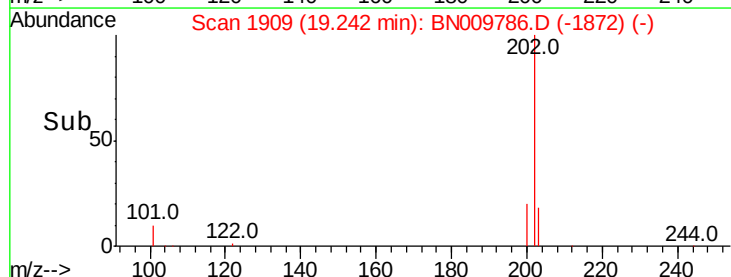
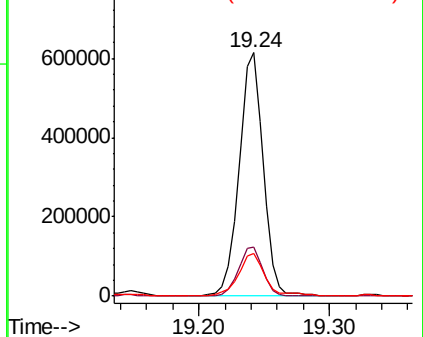
203 19.3 13.9 20.9

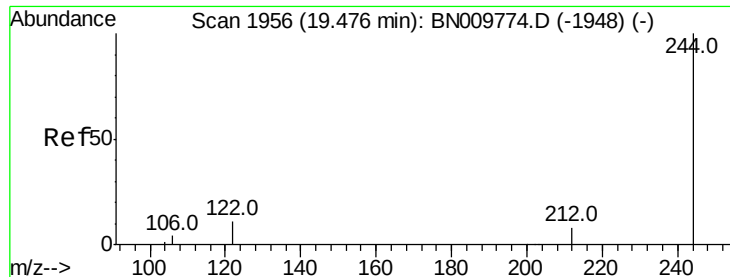


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.051 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

Instrument :

BNA_N

ClientSampleId :

TP10-EP2-3

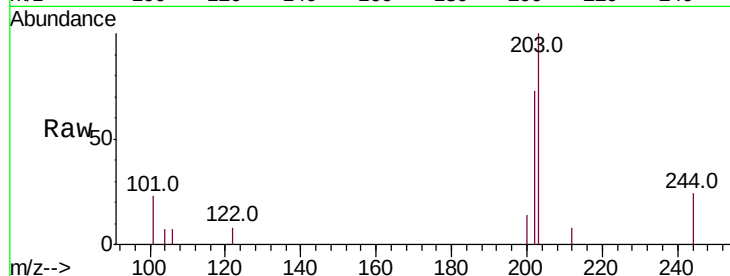
Tot Ion:244 Resp: 969

Ion Ratio Lower Upper

244 100

212 32.1 8.0 12.0#

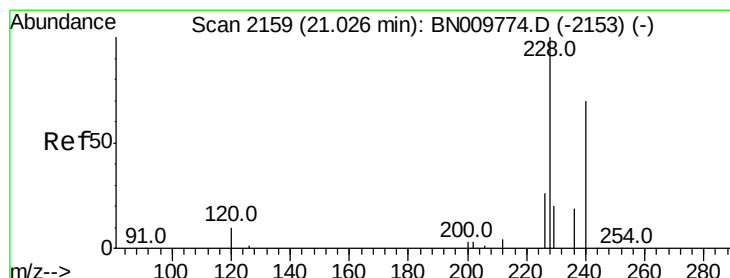
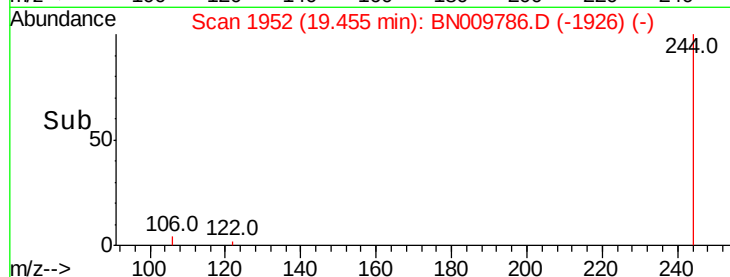
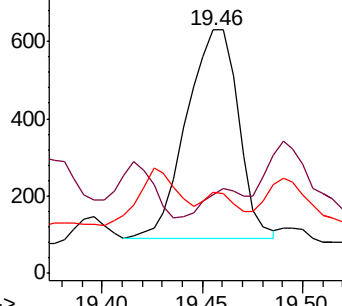
122 33.3 10.0 15.0#



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: 15.876 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

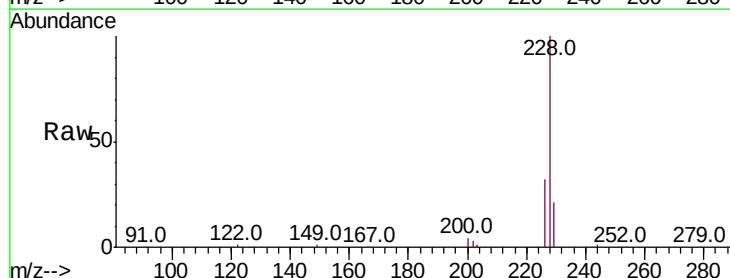
Tgt Ion:228 Resp: 421599

Ion Ratio Lower Upper

228 100

226 32.3 21.8 32.8

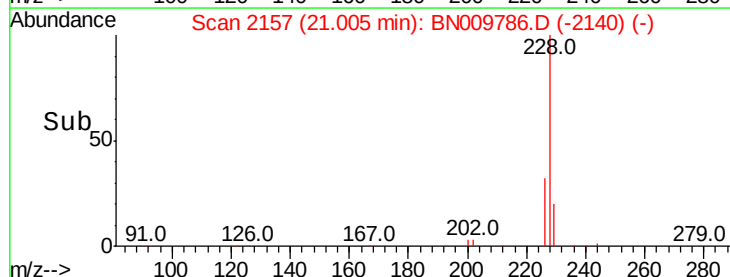
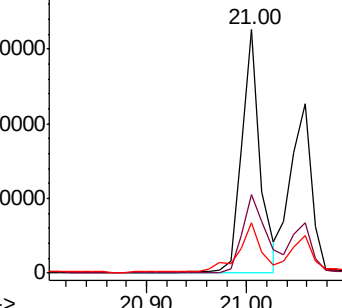
229 20.7 17.1 25.7

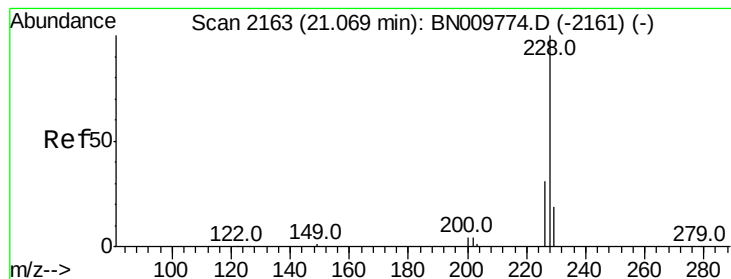


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 10.819 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

Instrument :

BNA_N

ClientSampleId :

TP10-EP2-3

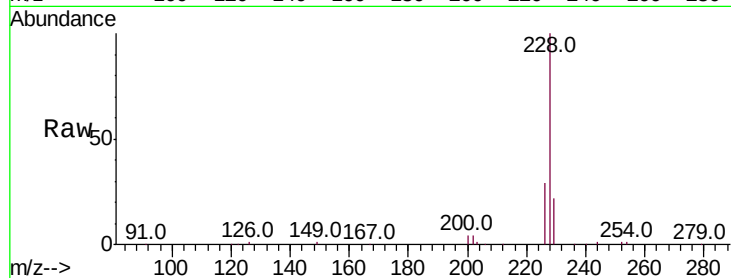
Tot Ion:228 Resp: 332376

Ion Ratio Lower Upper

228 100

226 29.3 24.8 37.2

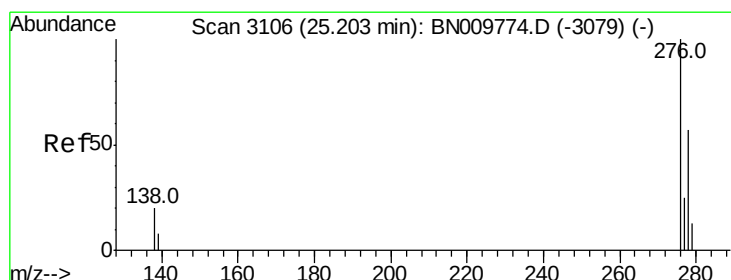
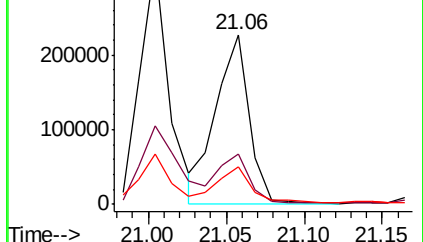
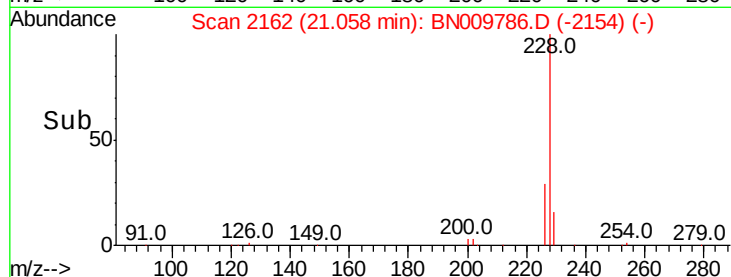
229 22.1 16.4 24.6



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



#33

Indeno(1,2,3-cd)pyrene

Concen: 6.624 ng

RT: 25.17 min Scan# 3097

Delta R.T. -0.03 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

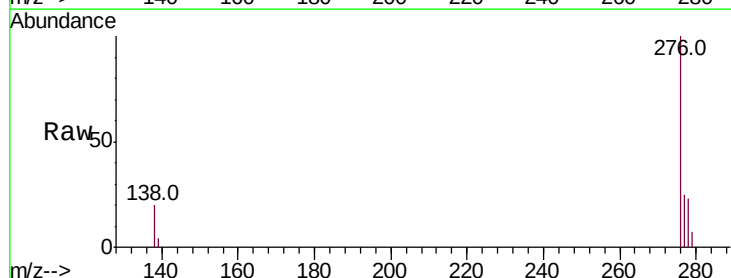
Tgt Ion:276 Resp: 211922

Ion Ratio Lower Upper

276 100

138 19.5 15.8 23.6

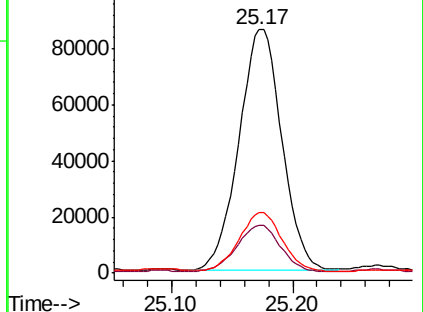
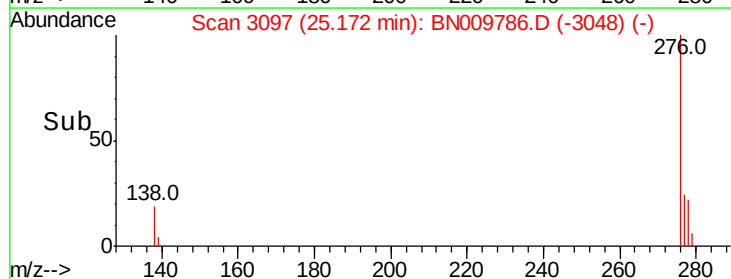
277 24.5 19.3 28.9

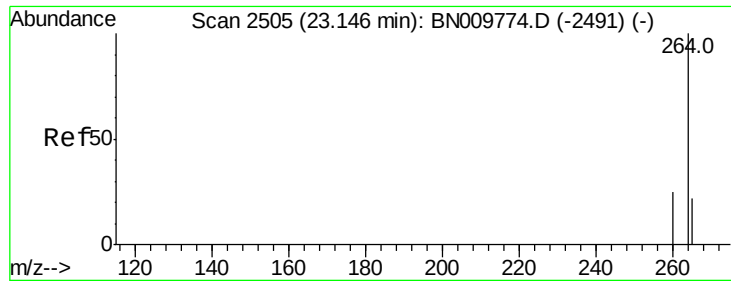


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



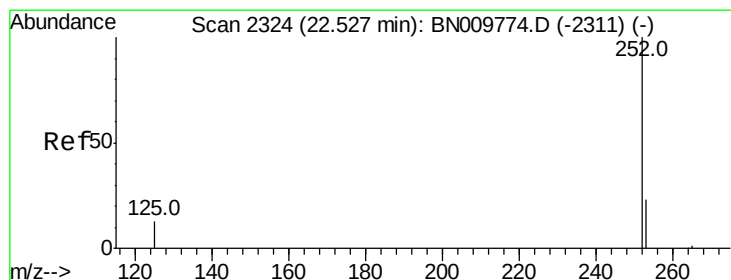
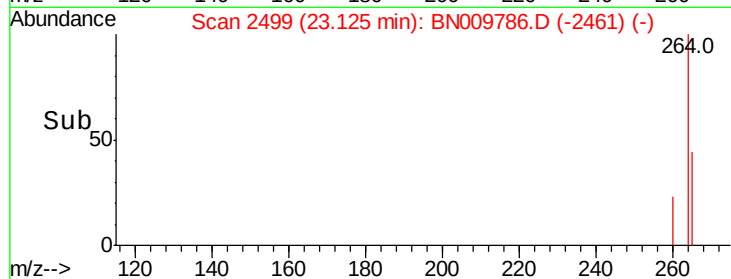
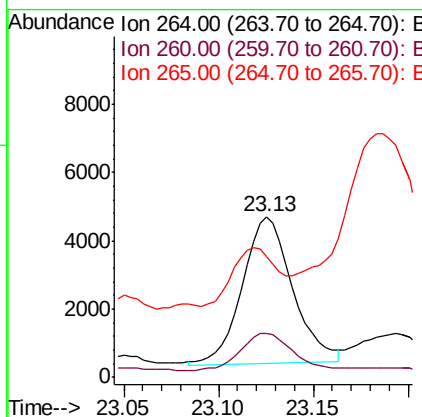
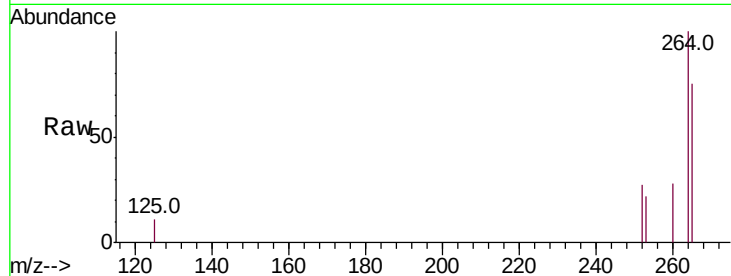


#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.02 min
Lab File: BN009786.D
Acq: 19 Feb 2020 20:22

Instrument :
BNA_N
ClientSampleId :
TP10-EP2-3

Tot Ion:264 Resp: 8007

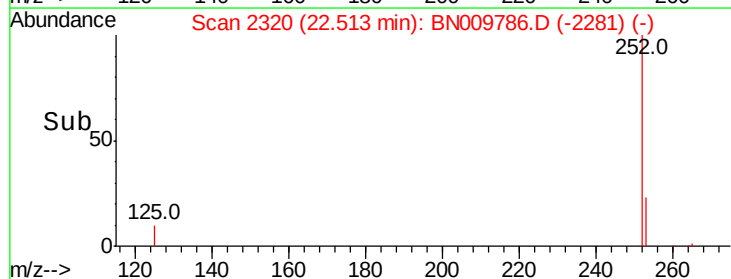
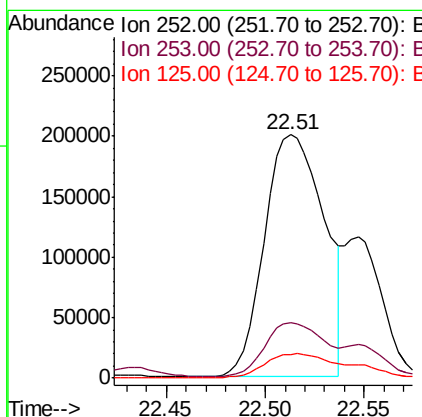
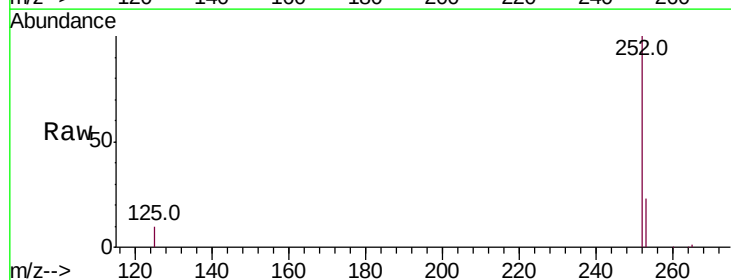
Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.1	31.7
265	75.4	57.5	86.3

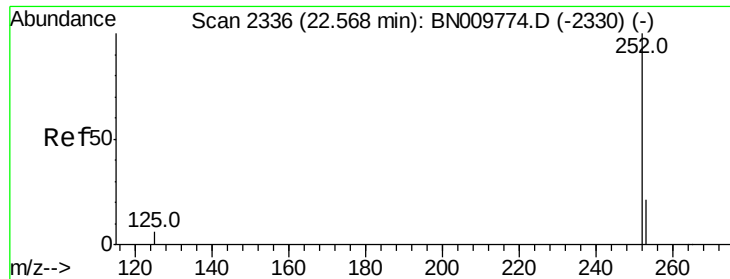


#35
Benzo(b)fluoranthene
Concen: 14.380 ng
RT: 22.51 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN009786.D
Acq: 19 Feb 2020 20:22

Tgt Ion:252 Resp: 420929

Ion	Ratio	Lower	Upper
252	100		
253	22.6	23.0	34.6#
125	9.8	14.4	21.6#

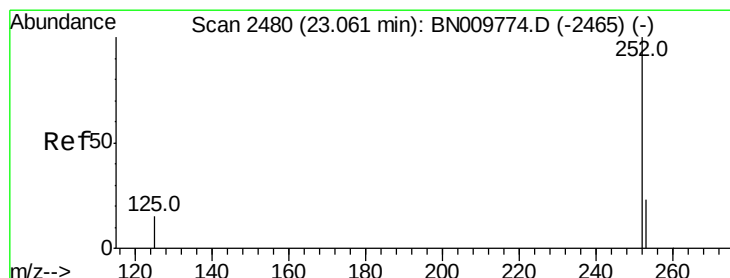
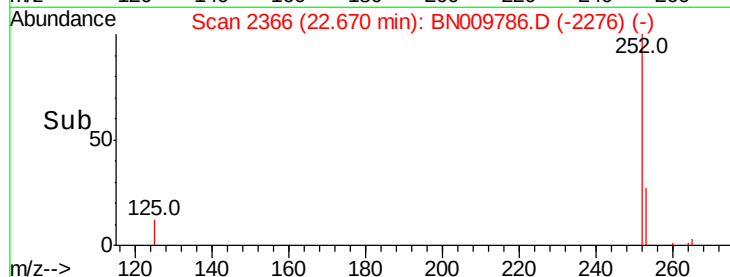
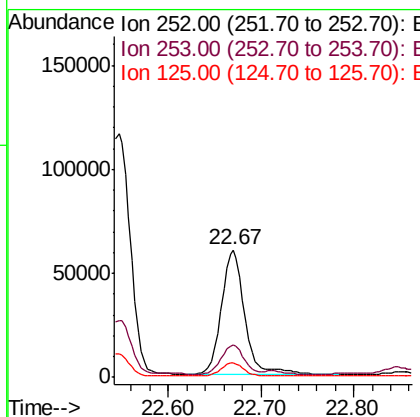
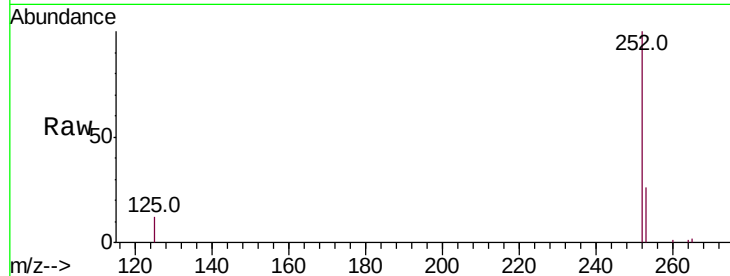




#36
Benzo(k)fluoranthene
Concen: 3.295 ng
RT: 22.67 min Scan# 2366
Delta R.T. 0.10 min
Lab File: BN009786.D
Acq: 19 Feb 2020 20:22

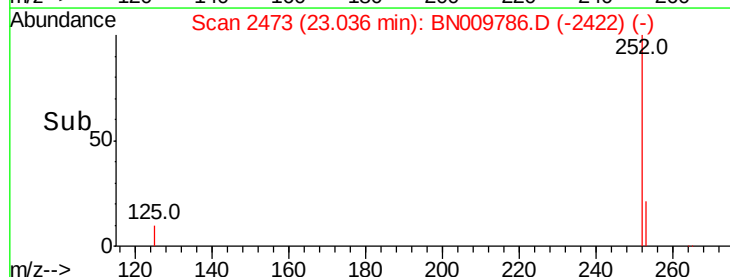
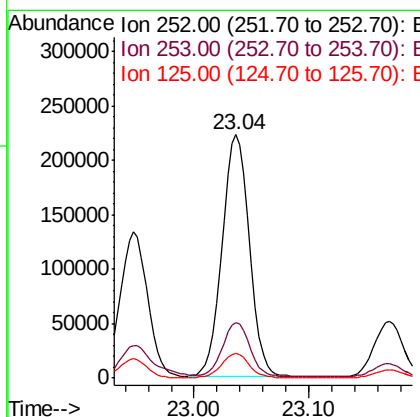
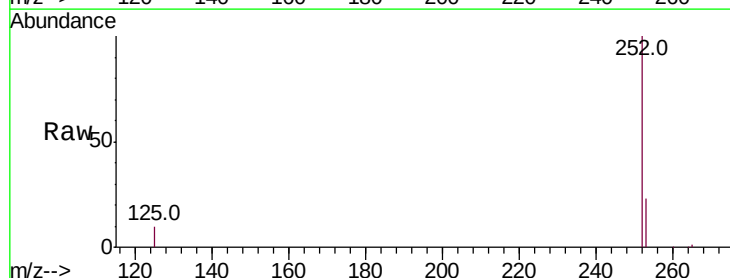
Instrument :
BNA_N
ClientSampleId :
TP10-EP2-3

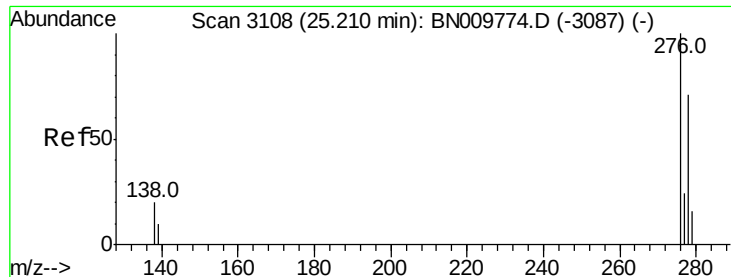
Tot Ion:252 Resp: 105003
Ion Ratio Lower Upper
252 100
253 25.7 22.2 33.2
125 11.6 10.5 15.7



#37
Benzo(a)pyrene
Concen: 13.983 ng
RT: 23.04 min Scan# 2473
Delta R.T. -0.02 min
Lab File: BN009786.D
Acq: 19 Feb 2020 20:22

Tgt Ion:252 Resp: 373467
Ion Ratio Lower Upper
252 100
253 22.7 25.3 37.9#
125 10.0 17.7 26.5#





#38

Dibenzo(a,h)anthracene

Concen: 2.137 ng

RT: 25.17 min Scan# 3097

Delta R.T. -0.04 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

Instrument :

BNA_N

ClientSampleId :

TP10-EP2-3

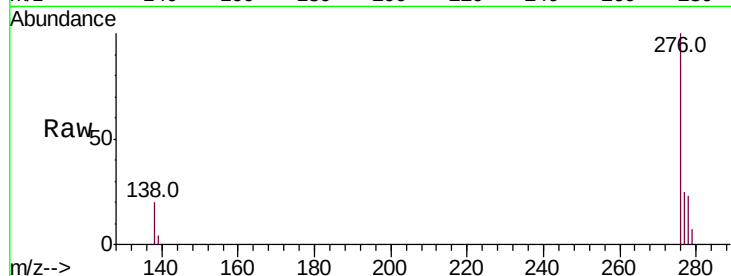
Tot Ion:278 Resp: 56191

Ion Ratio Lower Upper

278 100

139 17.6 14.5 21.7

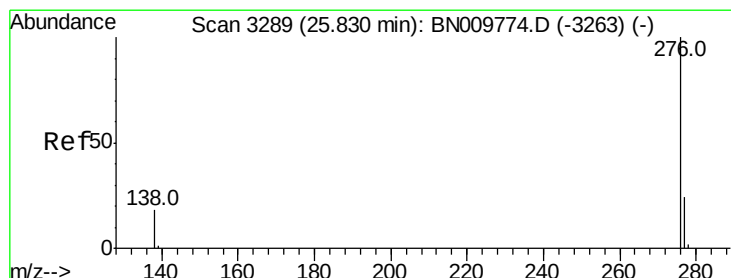
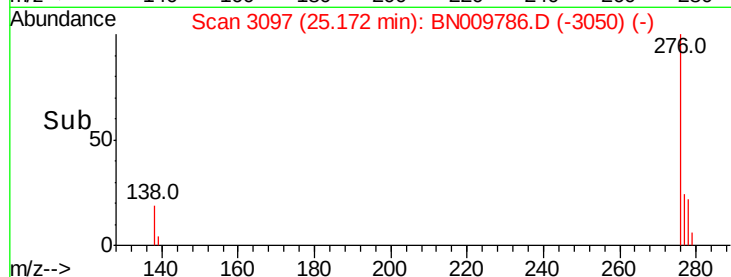
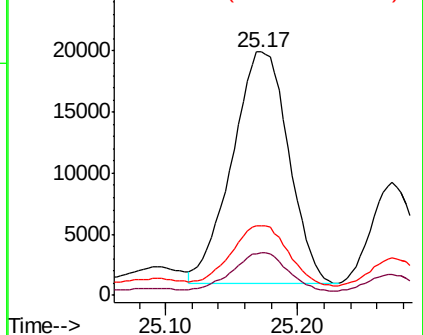
279 28.6 24.3 36.5



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(g,h,i)perylene

Concen: 7.602 ng

RT: 25.79 min Scan# 3278

Delta R.T. -0.04 min

Lab File: BN009786.D

Acq: 19 Feb 2020 20:22

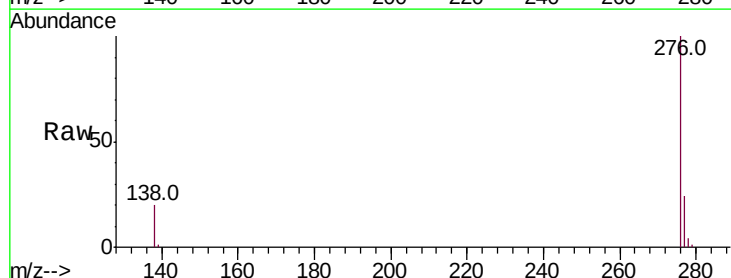
Tgt Ion:276 Resp: 212978

Ion Ratio Lower Upper

276 100

277 24.1 21.4 32.0

138 19.8 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

