

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
 Data File : BN009785.D
 Acq On : 19 Feb 2020 19:46
 Operator : CG/JU
 Sample : L1468-02 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP11-EP2-3

Quant Time: Feb 20 04:23:56 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	7.43	152	1150	0.40	ng	0.00
7) Naphthalene-d8	10.18	136	4117	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	2723	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	5990	0.40	ng	-0.01
27) Chrysene-d12	21.02	240	6169	0.40	ng	-0.02
34) Perylene-d12	23.13	264	6235	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.09	112	163	0.06	ng	0.00
5) Phenol-d6	6.69	99	196	0.06	ng	0.04
8) Nitrobenzene-d5	8.66	82	182	0.05	ng	0.06
11) 2-Methylnaphthalene-d10	11.79	152	363	0.05	ng	0.00
14) 2,4,6-Tribromophenol	15.58	330	62	0.06	ng	0.00
15) 2-Fluorobiphenyl	12.69	172	687	0.07	ng	0.00
25) Fluoranthene-d10	18.84	212	957	0.05	ng	-0.02
29) Terphenyl-d14	19.47	244	919	0.06	ng	-0.01

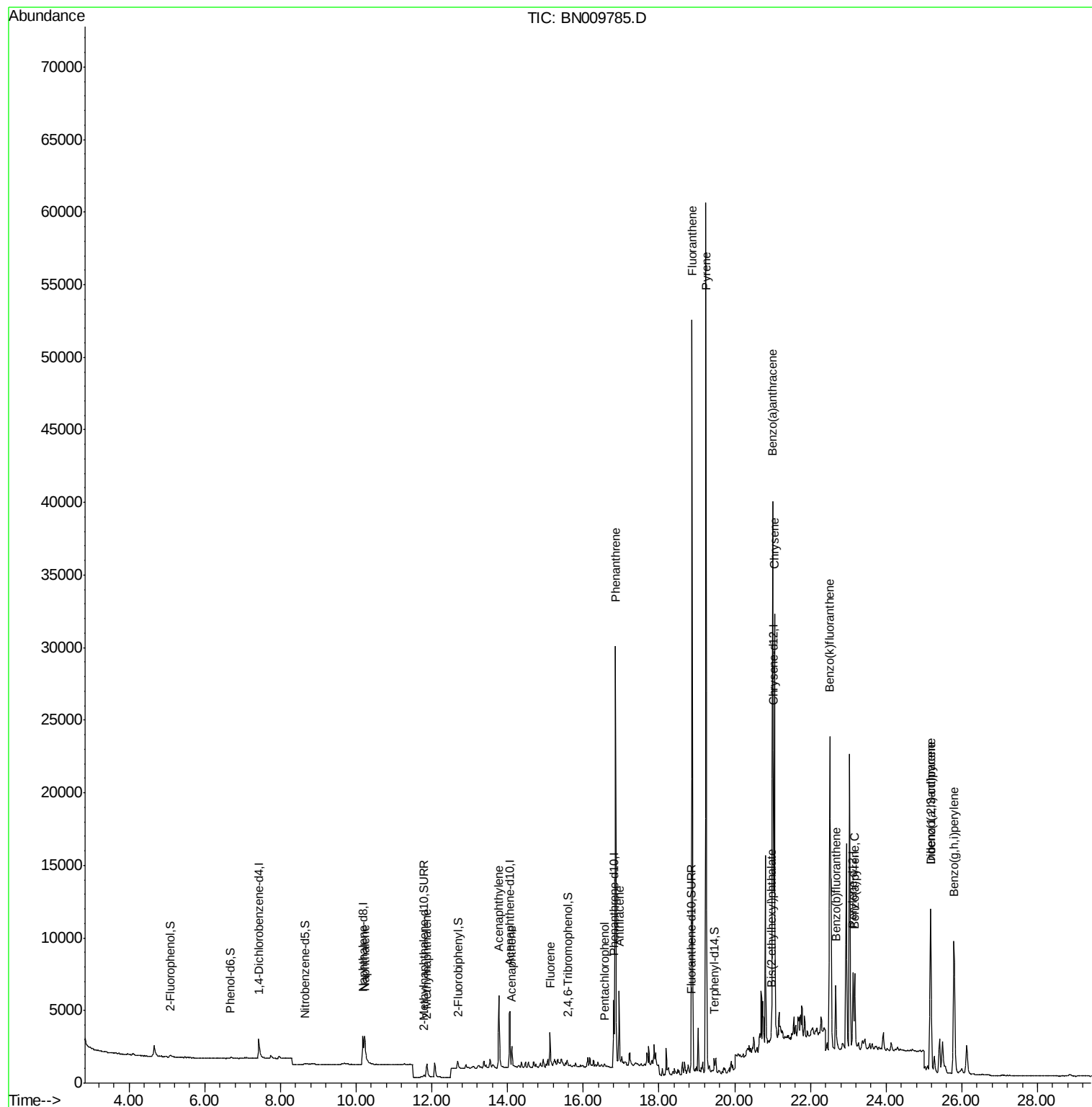
Target Compounds				Qvalue		
9) Naphthalene	10.23	128	3864	0.344	ng	99
12) 2-Methylnaphthalene	11.87	142	1132	0.147	ng	98
16) Acenaphthylene	13.77	152	6728	0.580	ng	99
17) Acenaphthene	14.11	154	824	0.101	ng	97
18) Fluorene	15.12	166	1798	0.167	ng	95
20) 4-Bromophenyl-phenylether	16.01	248	147	Below Cal	#	68
22) Pentachlorophenol	16.57	266	3	0.181	ng	# 76
23) Phenanthrene	16.85	178	28800	1.616	ng	99
24) Anthracene	16.94	178	6156	0.409	ng	98
26) Fluoranthene	18.87	202	47902	2.244	ng	99
28) Pvrene	19.24	202	53838	2.298	ng	97
30) Benzo(a)anthracene	21.00	228	29978	1.464	ng	97
31) Chrysene	21.06	228	27910	1.178	ng	97
32) Bis(2-ethylhexyl)phthalate	20.96	149	449	0.045	ng	95
33) Indeno(1,2,3-cd)pvrene	25.18	276	16122	0.654	ng	98
35) Benzo(b)fluoranthene	22.67	252	5421	0.238	ng	94
36) Benzo(k)fluoranthene	22.51	252	34023	1.371	ng	94
37) Benzo(a)pvrene	23.17	252	6245	0.300	ng	96
38) Dibenzo(a,h)anthracene	25.18	278	4300	0.210	ng	93
39) Benzo(g,h,i)perylene	25.80	276	17058	0.782	ng	97

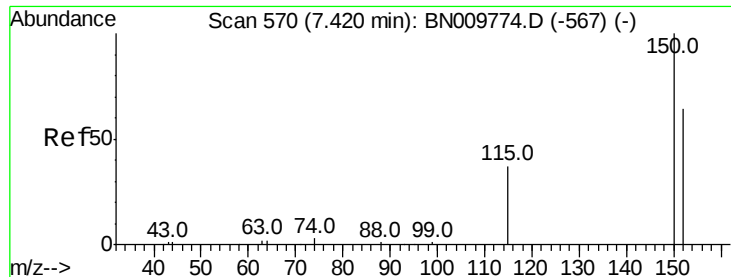
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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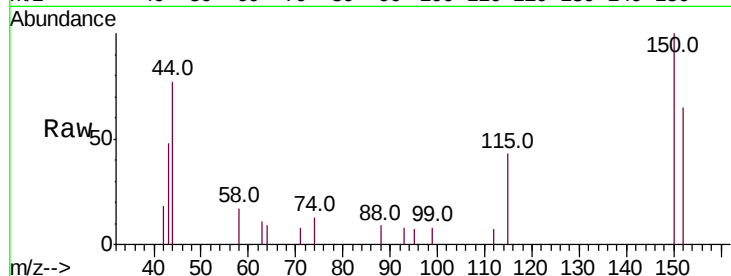


#1

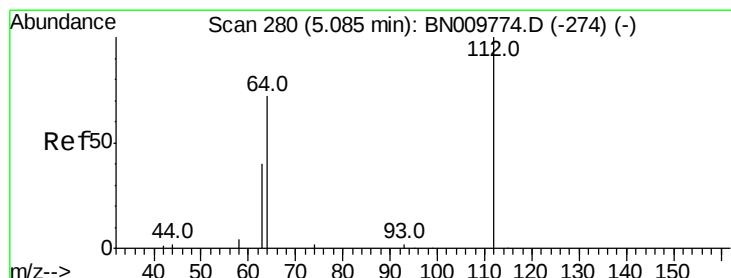
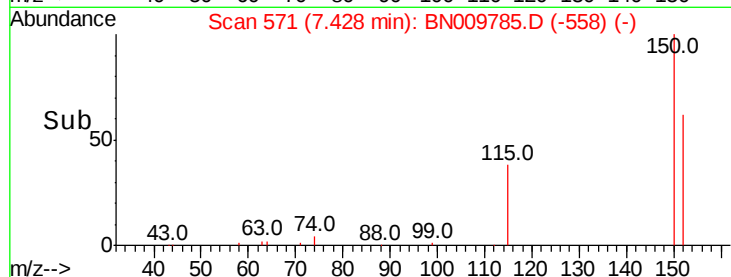
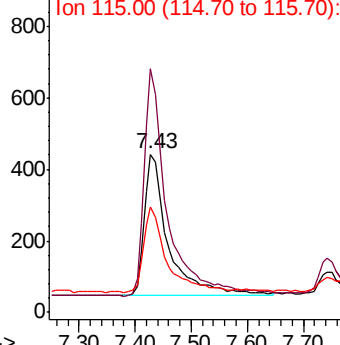
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 571
Delta R.T. 0.01 min
Lab File: BN009785.D
Acq: 19 Feb 2020 19:46

Instrument :
BNA_N
ClientSampleId :
TP11-EP2-3

Tot Ion:152 Resp: 1150
Ion Ratio Lower Upper
152 100
150 153.7 120.6 181.0
115 66.8 51.2 76.8



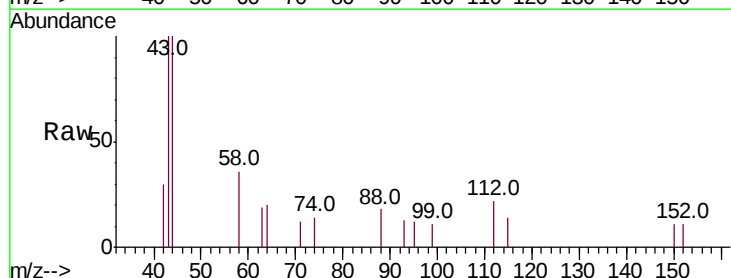
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



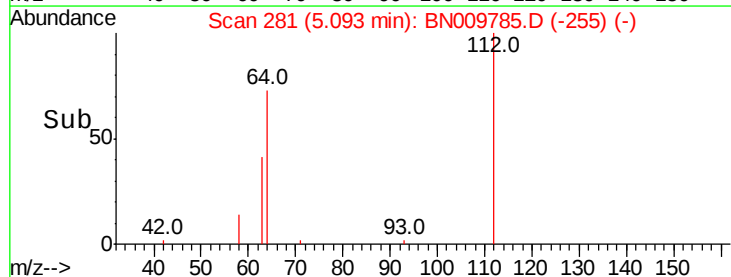
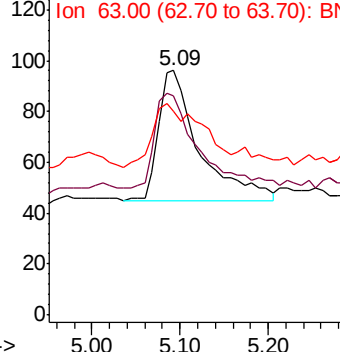
#4

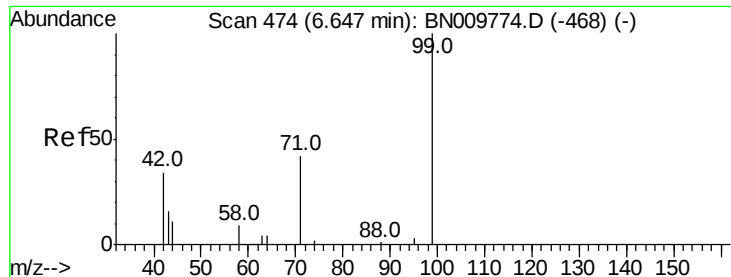
2-Fluorophenol
Concen: 0.064 ng
RT: 5.09 min Scan# 281
Delta R.T. 0.01 min
Lab File: BN009785.D
Acq: 19 Feb 2020 19:46

Tgt Ion:112 Resp: 163
Ion Ratio Lower Upper
112 100
64 77.3 65.8 98.6
63 60.1 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: 0.063 ng

RT: 6.69 min Scan# 479

Delta R.T. 0.04 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

Instrument :

BNA_N

ClientSampleId :

TP11-EP2-3

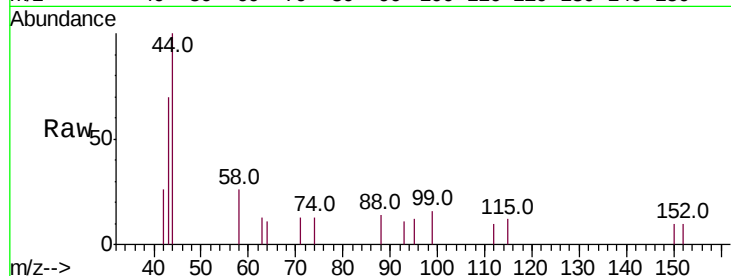
Tot Ion: 99 Resp: 196

Ion Ratio Lower Upper

99 100

42 10.7 30.8 46.2#

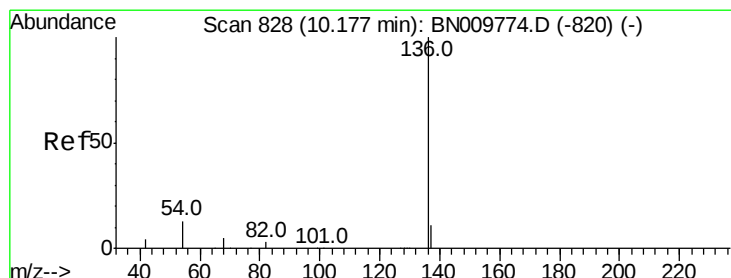
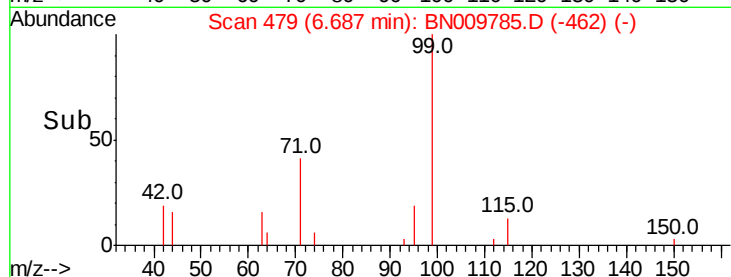
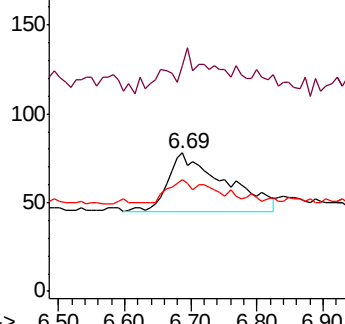
71 15.8 34.9 52.3#



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) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.18 min Scan# 828

Delta R.T. -0.00 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

Tgt Ion: 136 Resp: 4117

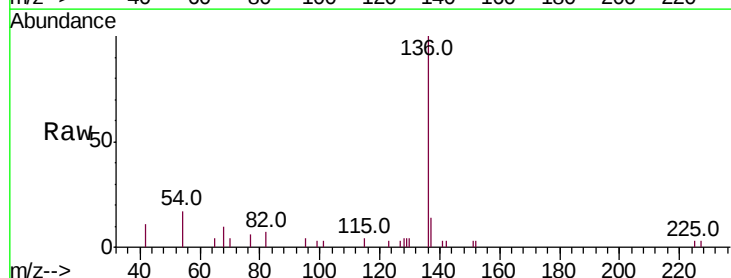
Ion Ratio Lower Upper

136 100

137 14.3 11.3 16.9

54 17.3 13.4 20.2

68 9.6 7.0 10.4

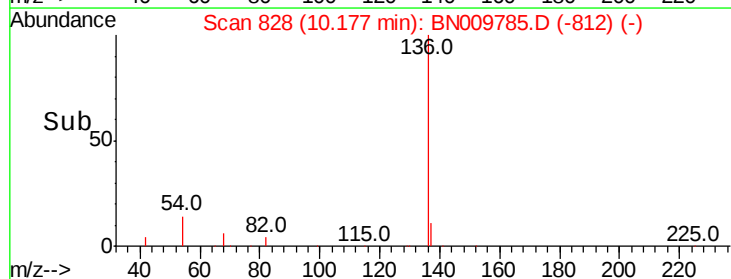
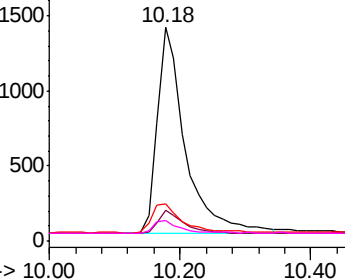


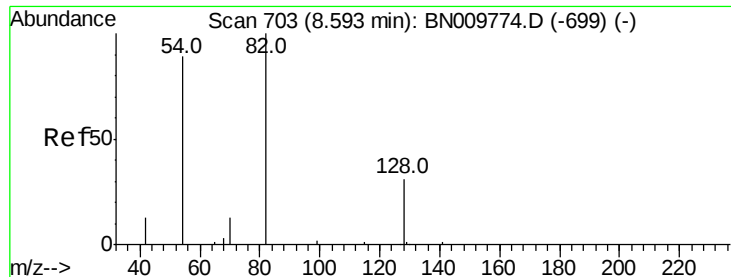
Abundance Ion 136.00 (135.70 to 136.70): BN009774.D (-820) (-)

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) (-)





#8

Nitrobenzene-d5

Concen: 0.053 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.06 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

Instrument :

BNA_N

ClientSampleId :

TP11-EP2-3

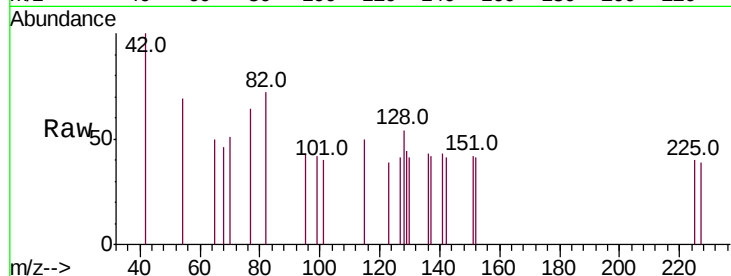
Tot Ion: 82 Resp: 182

Ion Ratio Lower Upper

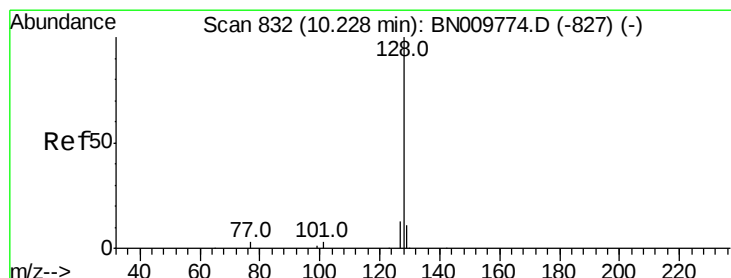
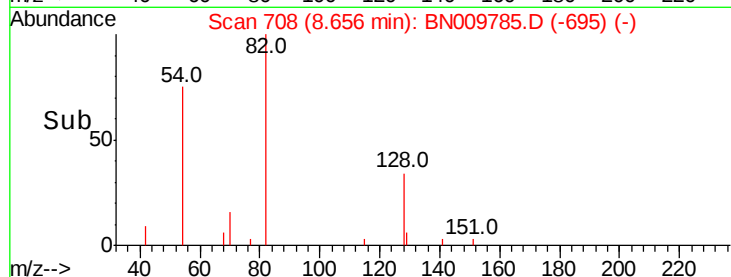
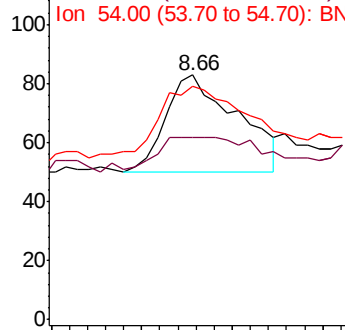
82 100

128 74.7 32.5 48.7#

54 95.2 73.5 110.3



Abundance Ion 82.00 (81.70 to 82.70): BN009774.D (-699) (-)



#9

Naphthalene

Concen: 0.344 ng

RT: 10.23 min Scan# 832

Delta R.T. -0.00 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

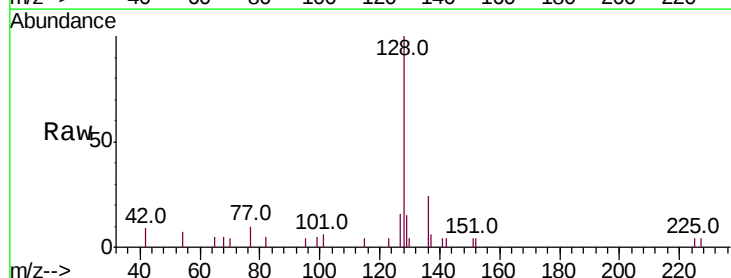
Tgt Ion: 128 Resp: 3864

Ion Ratio Lower Upper

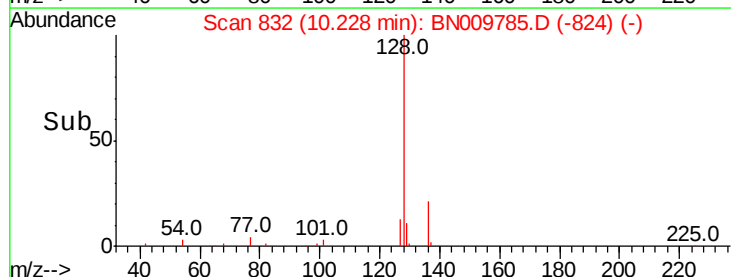
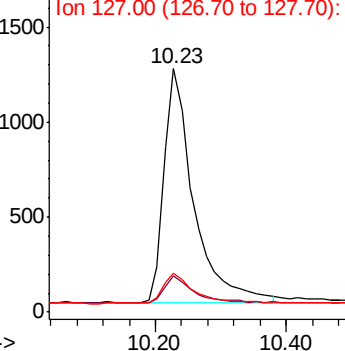
128 100

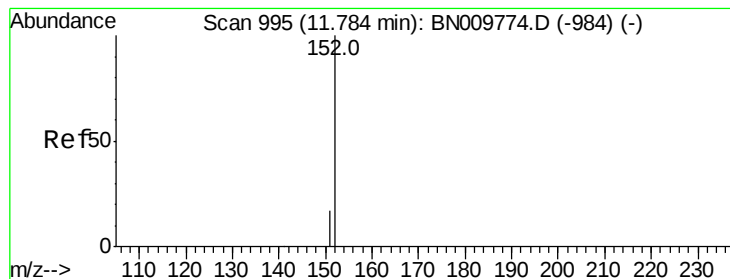
129 14.8 11.1 16.7

127 16.1 12.6 19.0



Abundance Ion 128.00 (127.70 to 128.70): BN009774.D (-827) (-)





#11

2-Methylnaphthalene-d10

Concen: 0.046 ng

RT: 11.79 min Scan# 997

Delta R.T. 0.01 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

Instrument :

BNA_N

ClientSampleId :

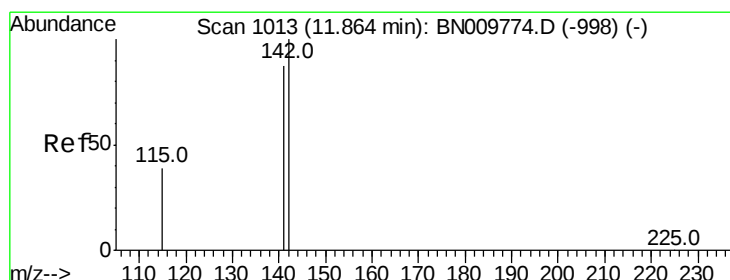
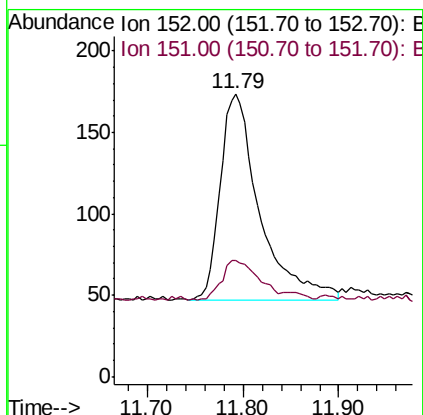
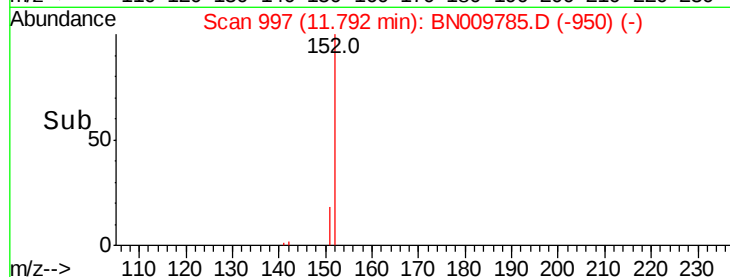
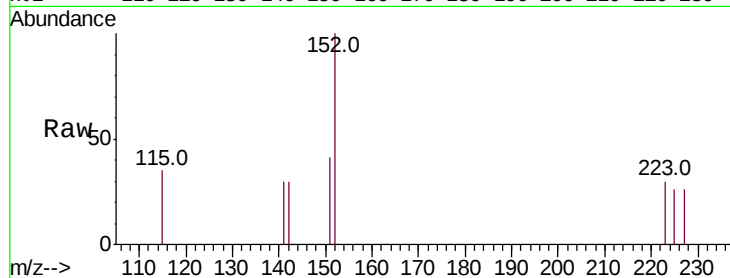
TP11-EP2-3

Tot Ion:152 Resp: 363

Ion Ratio Lower Upper

152 100

151 17.6 15.1 22.7



#12

2-Methylnaphthalene

Concen: 0.147 ng

RT: 11.87 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

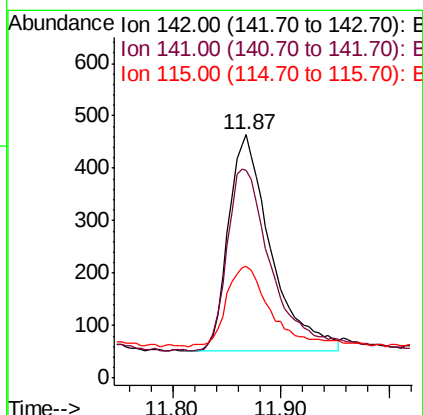
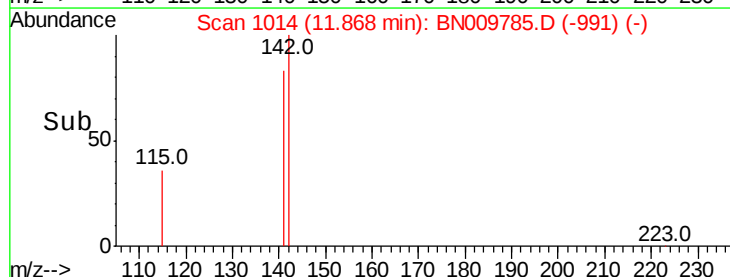
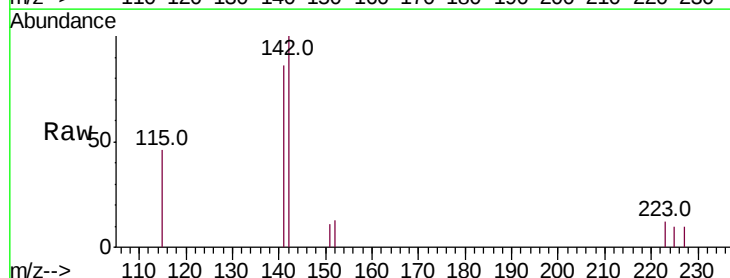
Tgt Ion:142 Resp: 1132

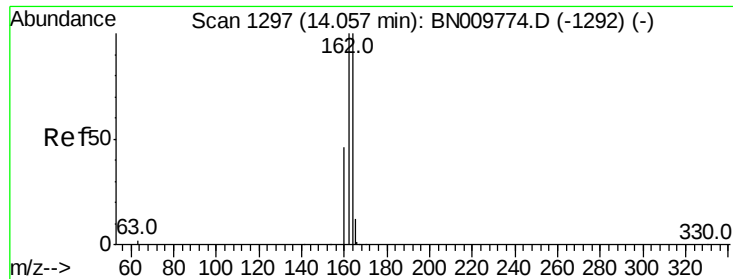
Ion Ratio Lower Upper

142 100

141 85.6 69.8 104.6

115 45.7 34.6 52.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

Instrument :

BNA_N

ClientSampleId :

TP11-EP2-3

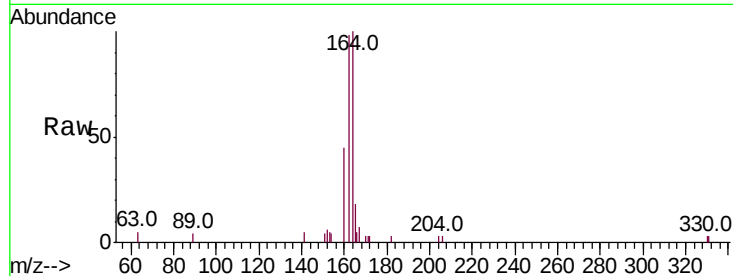
Tot Ion:164 Resp: 2723

Ion Ratio Lower Upper

164 100

162 98.0 79.9 119.9

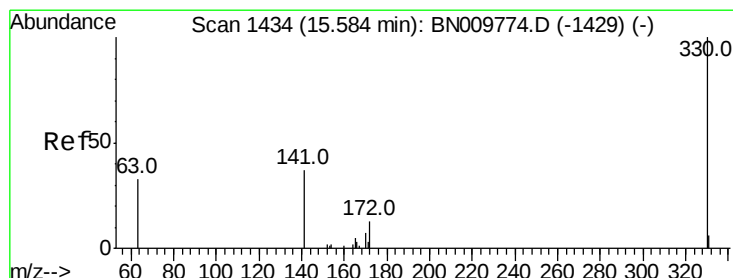
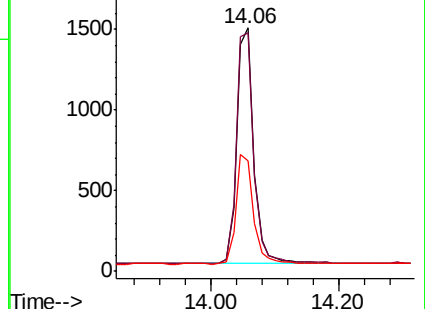
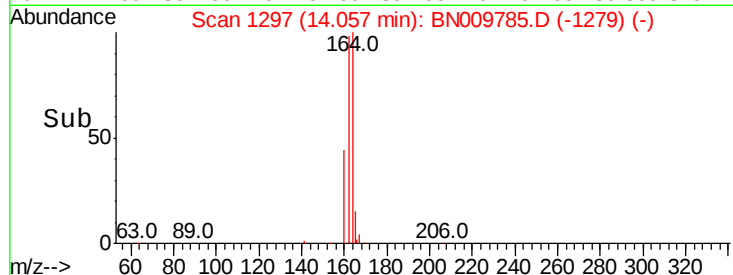
160 45.3 38.2 57.2



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: 0.059 ng

RT: 15.58 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

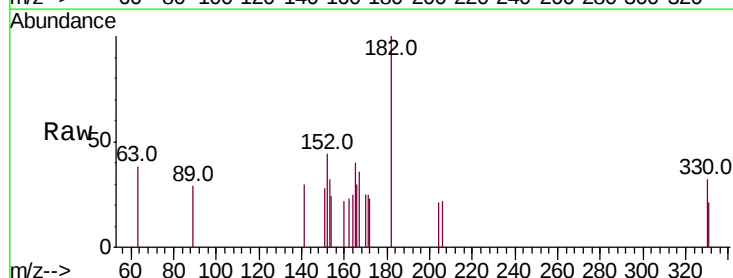
Tgt Ion:330 Resp: 62

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

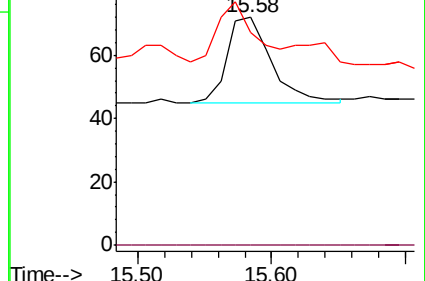
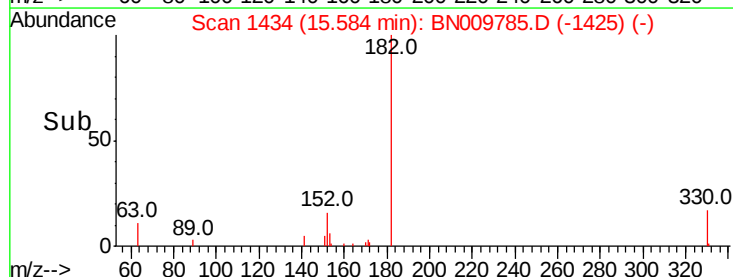
141 56.5 36.8 55.2#

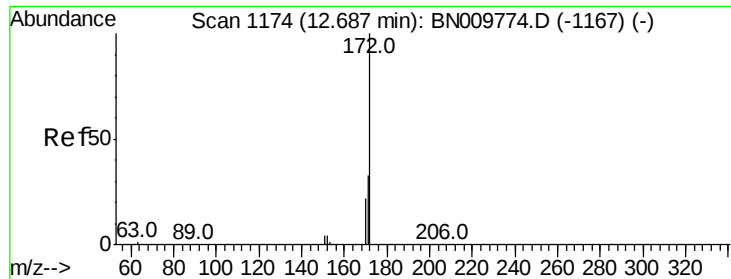


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

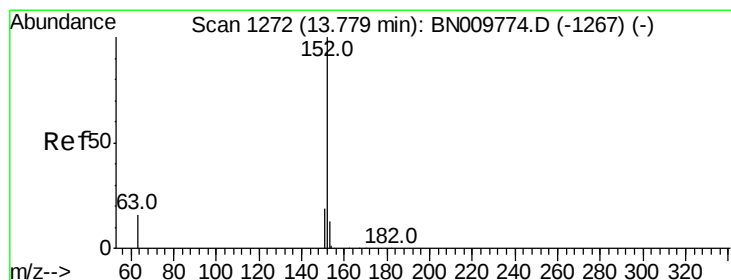
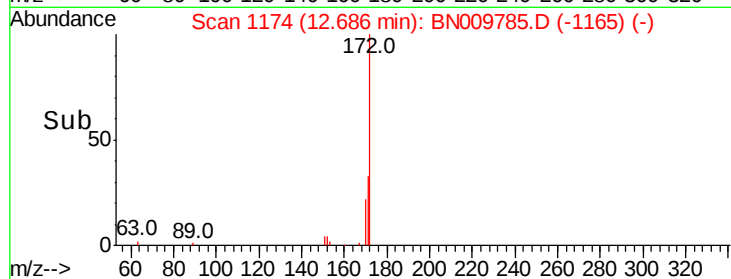
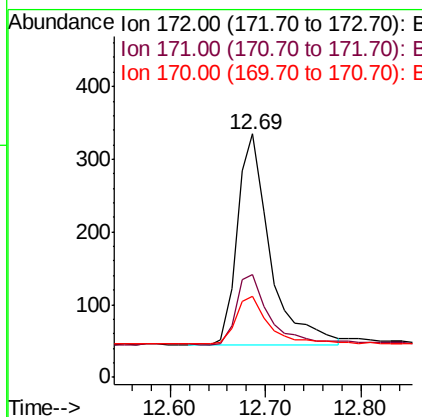
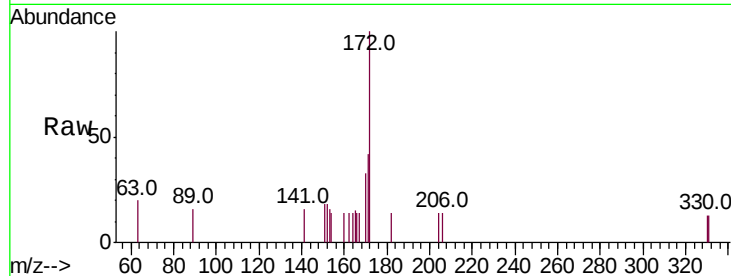




#15
2-Fluorobiphenyl
Concen: 0.067 ng
RT: 12.69 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BN009785.D
Acq: 19 Feb 2020 19:46

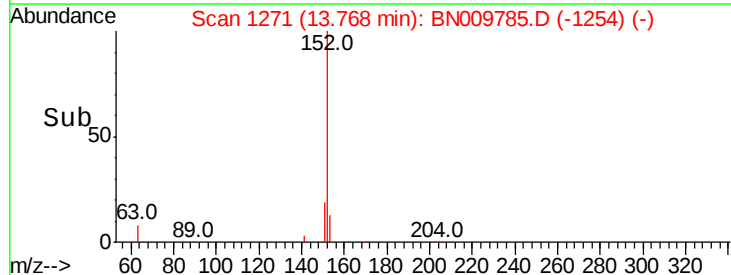
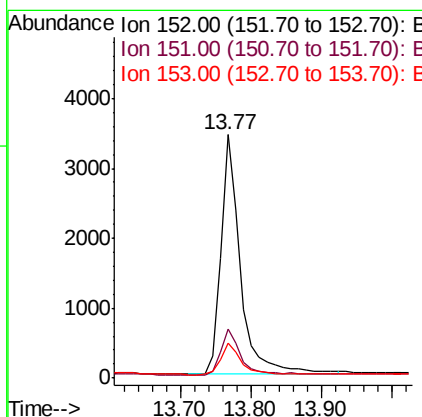
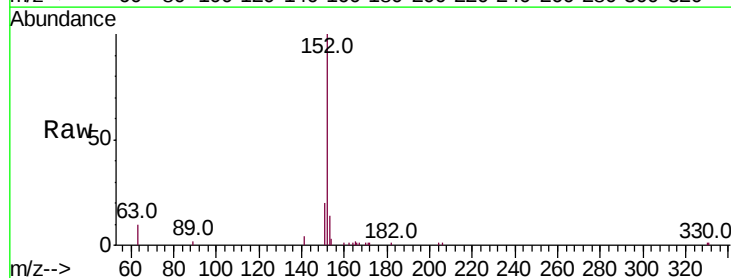
Instrument :
BNA_N
ClientSampleId :
TP11-EP2-3

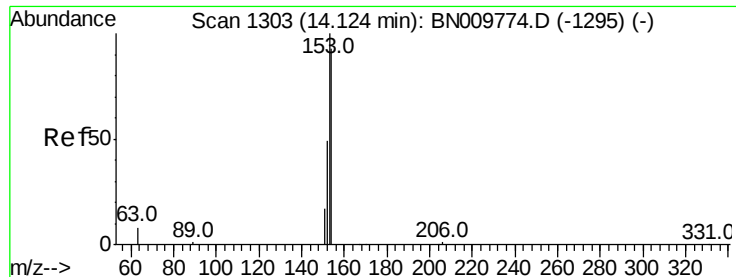
Tot Ion:172 Resp: 687
Ion Ratio Lower Upper
172 100
171 42.4 28.7 43.1
170 33.4 20.1 30.1#



#16
Acenaphthylene
Concen: 0.580 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN009785.D
Acq: 19 Feb 2020 19:46

Tgt Ion:152 Resp: 6728
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.7 10.2 15.4





#17

Acenaphthene

Concen: 0.101 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

Instrument :

BNA_N

ClientSampleId :

TP11-EP2-3

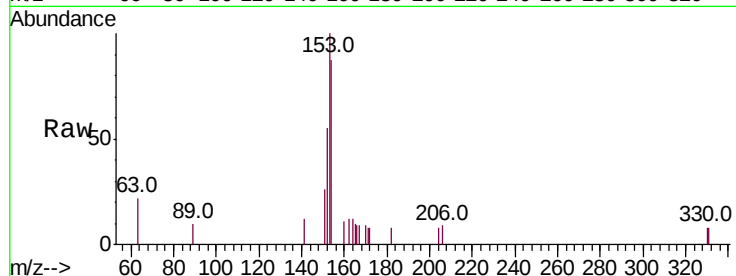
Tot Ion:154 Resp: 824

Ion Ratio Lower Upper

154 100

153 112.6 88.9 133.3

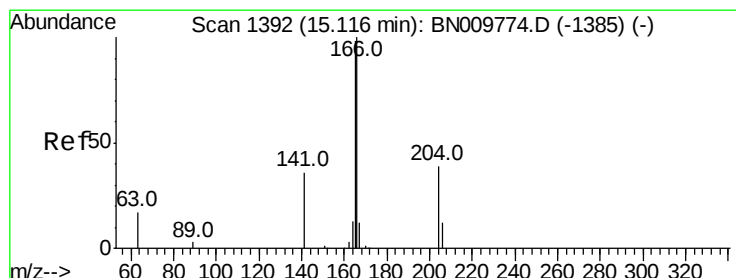
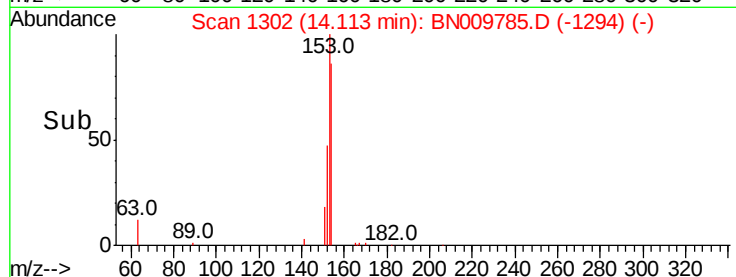
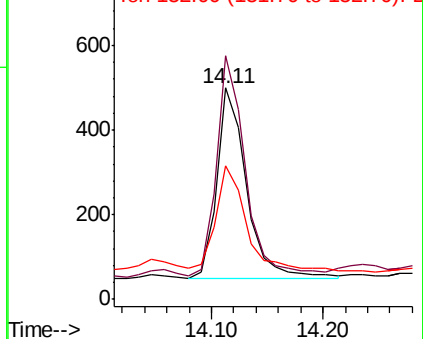
152 59.7 44.2 66.2



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: 0.167 ng

RT: 15.12 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

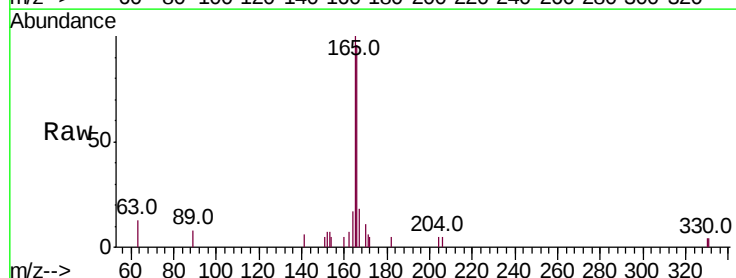
Tgt Ion:166 Resp: 1798

Ion Ratio Lower Upper

166 100

165 101.2 77.2 115.8

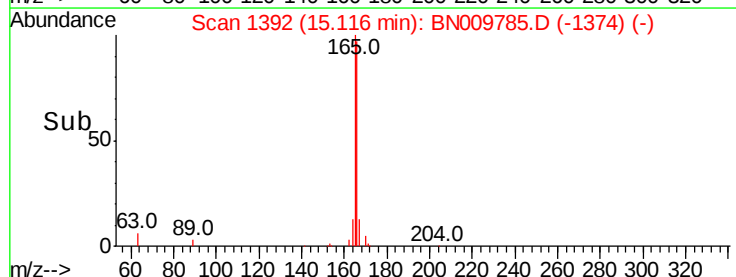
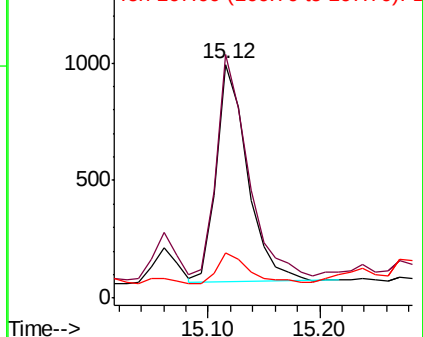
167 15.3 10.5 15.7

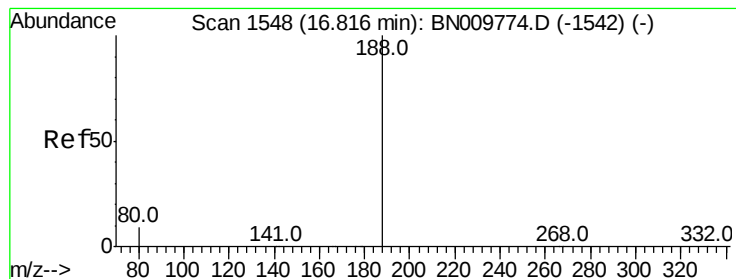


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN009785.D

Acq: 19 Feb 2020 19:46

Instrument :

BNA_N

ClientSampleId :

TP11-EP2-3

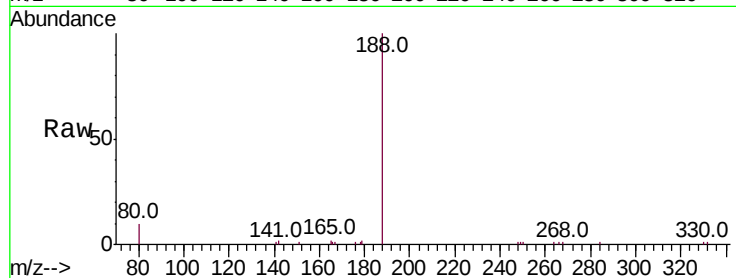
Tot Ion:188 Resp: 5990

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

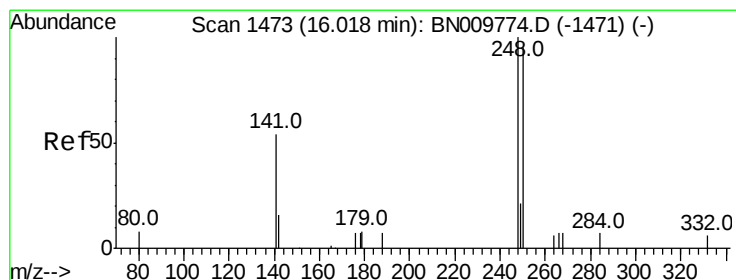
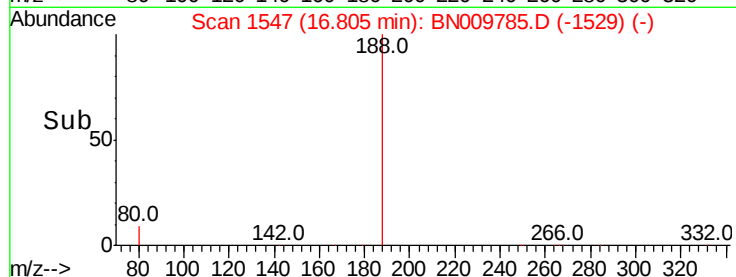
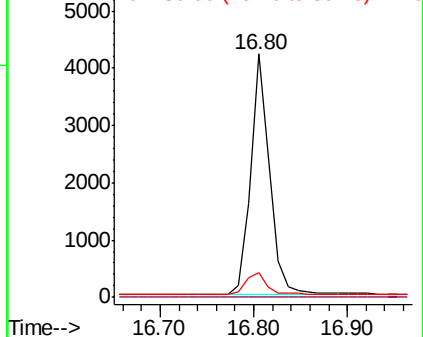
80 10.1 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: Below Cal

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

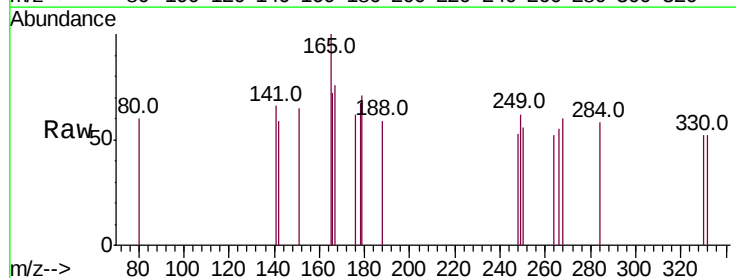
Tgt Ion:248 Resp: 147

Ion Ratio Lower Upper

248 100

250 104.3 76.2 114.4

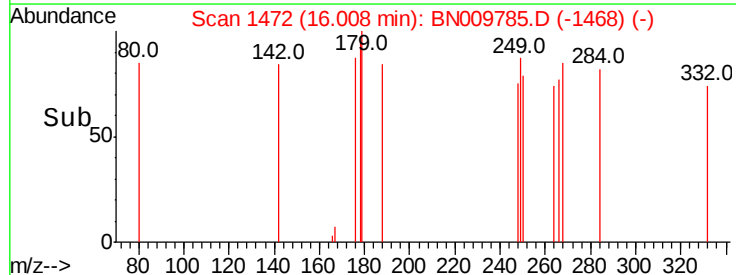
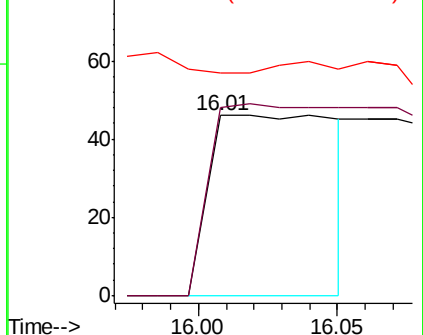
141 123.9 57.8 86.6#

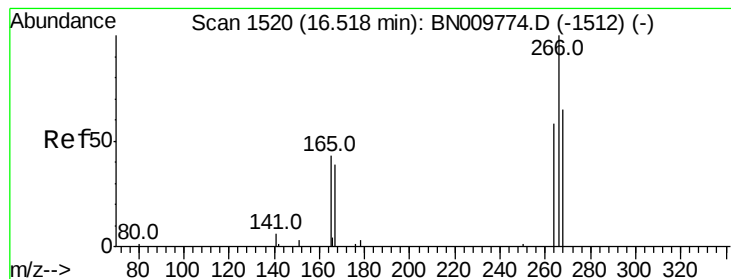


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#22

Pentachlorophenol

Concen: 0.181 ng

RT: 16.57 min Scan# 1525

Delta R.T. 0.05 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

Instrument :

BNA_N

ClientSampleId :

TP11-EP2-3

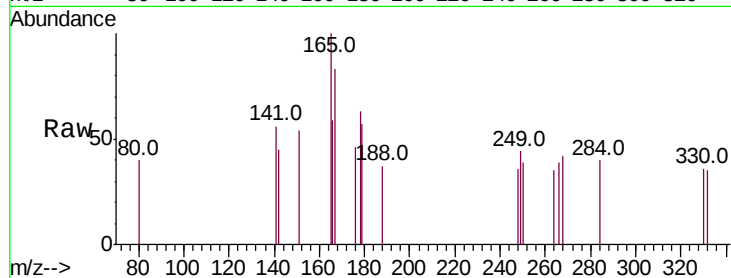
Tot Ion:266 Resp: 3

Ion Ratio Lower Upper

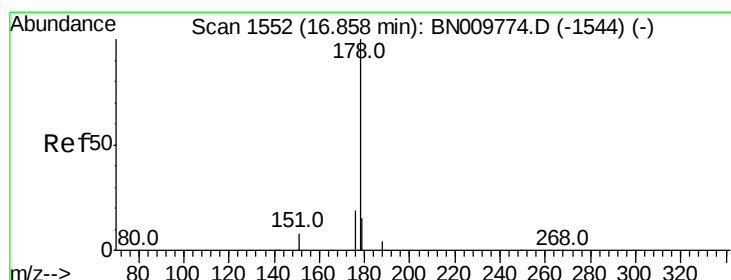
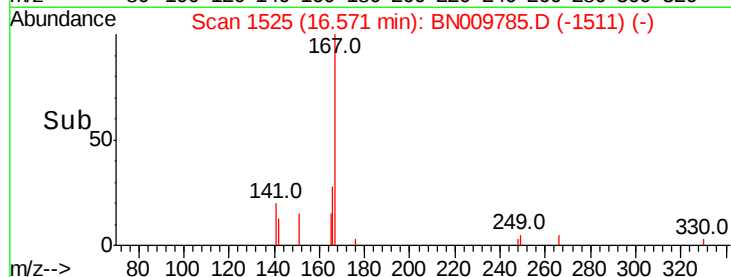
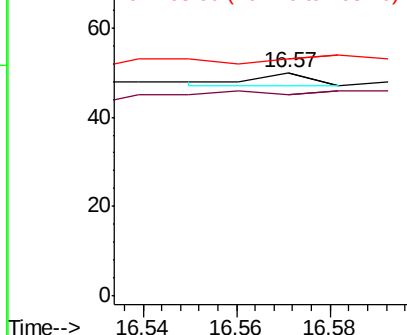
266 100

264 90.0 58.1 87.1#

268 106.0 65.7 98.5#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E



#23

Phenanthrene

Concen: 1.616 ng

RT: 16.85 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

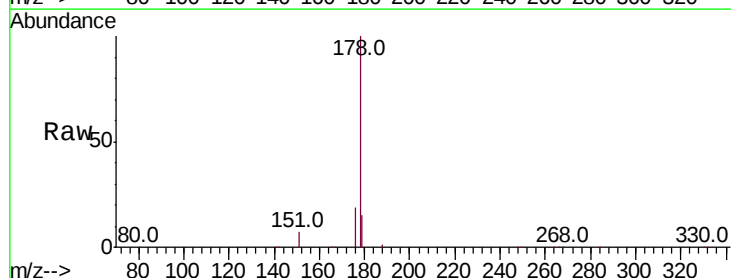
Tgt Ion:178 Resp: 28800

Ion Ratio Lower Upper

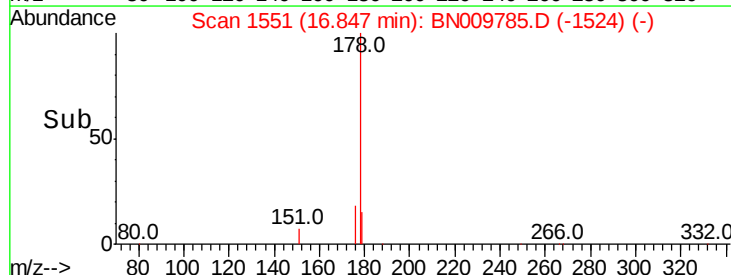
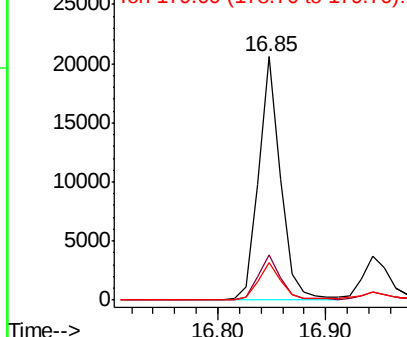
178 100

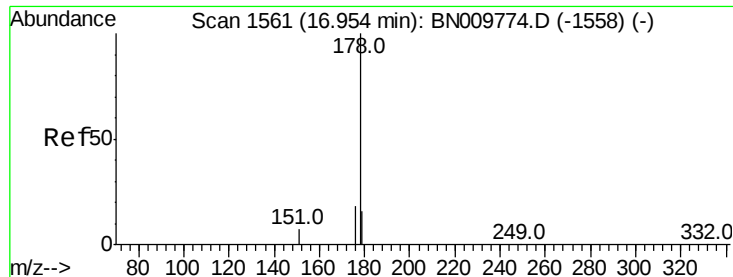
176 18.6 15.3 22.9

179 15.5 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: 0.409 ng

RT: 16.94 min Scan# 1560

Delta R.T. -0.01 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

Instrument :

BNA_N

ClientSampleId :

TP11-EP2-3

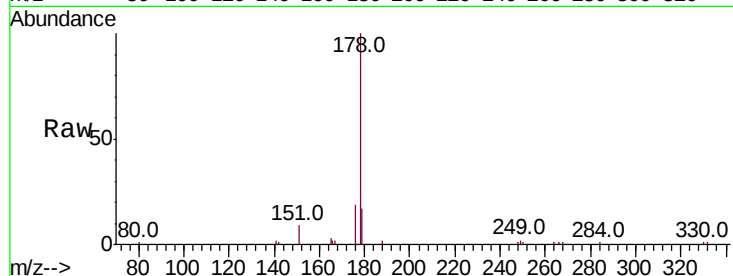
Tot Ion:178 Resp: 6156

Ion Ratio Lower Upper

178 100

176 18.6 14.3 21.5

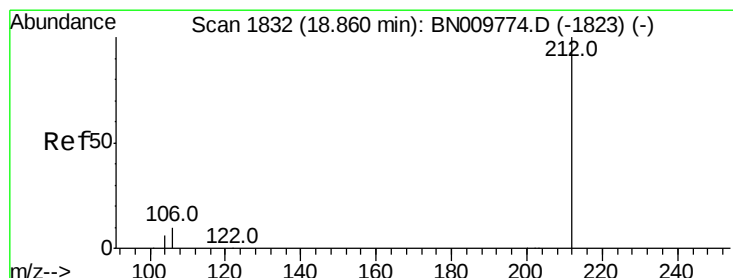
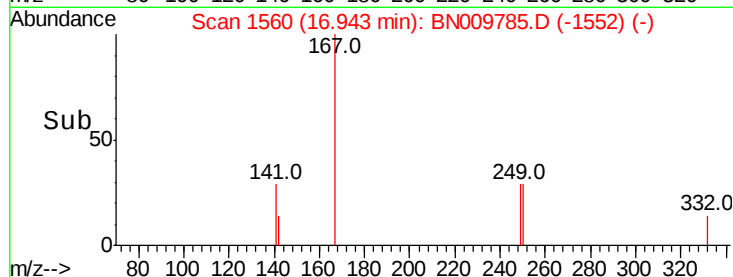
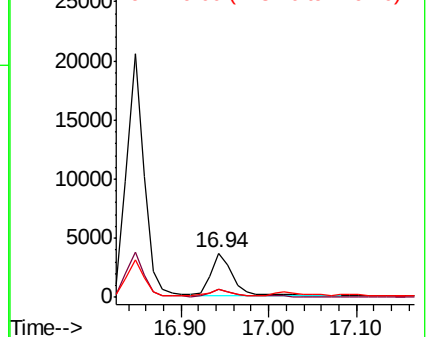
179 14.8 12.4 18.6



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: 0.046 ng

RT: 18.84 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

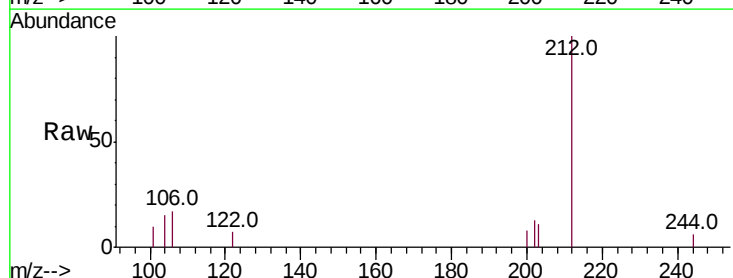
Tgt Ion:212 Resp: 957

Ion Ratio Lower Upper

212 100

106 10.7 8.4 12.6

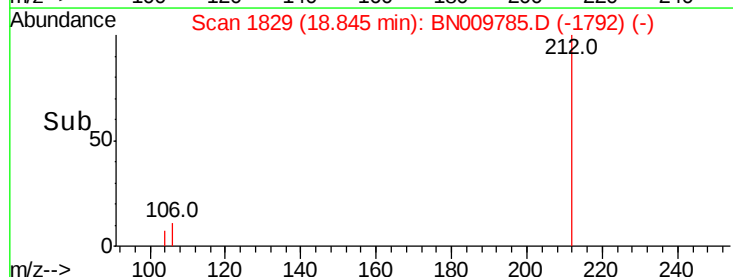
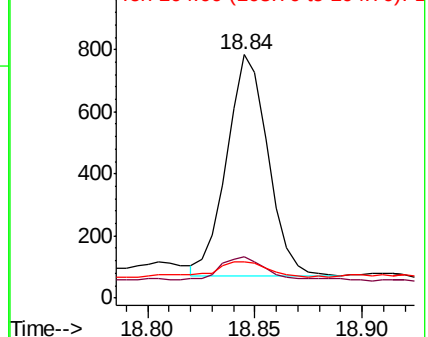
104 9.9 4.8 7.2#

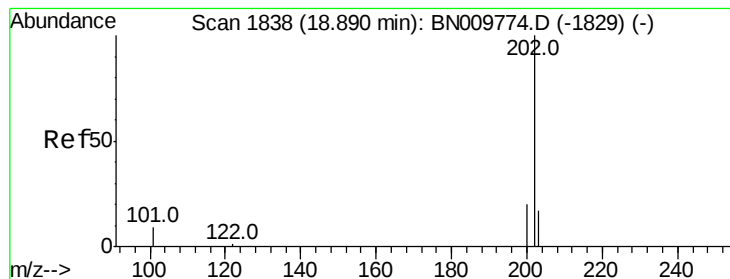


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 2.244 ng

RT: 18.87 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

Instrument :

BNA_N

ClientSampleId :

TP11-EP2-3

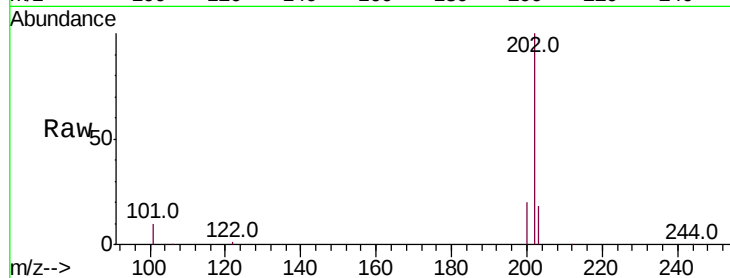
Tot Ion:202 Resp: 47902

Ion Ratio Lower Upper

202 100

101 9.4 7.1 10.7

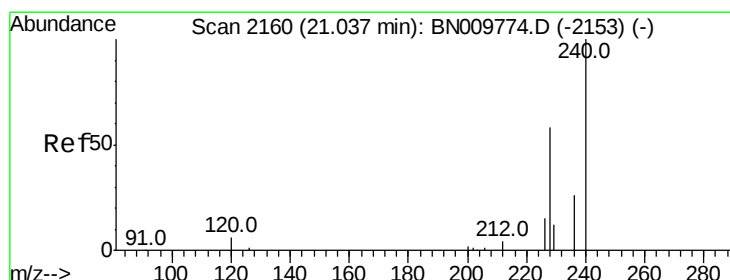
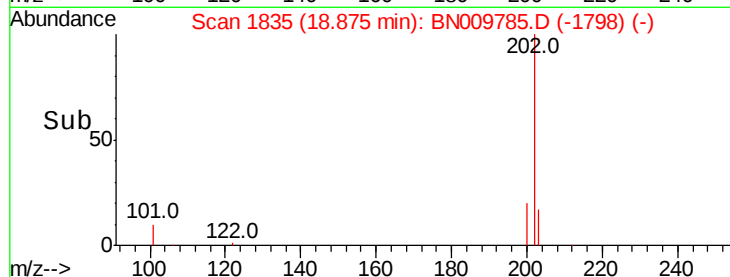
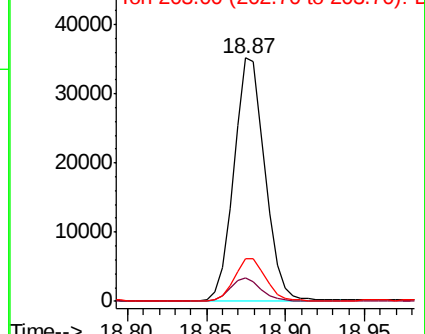
203 17.4 13.8 20.6



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: BN009785.D

Acq: 19 Feb 2020 19:46

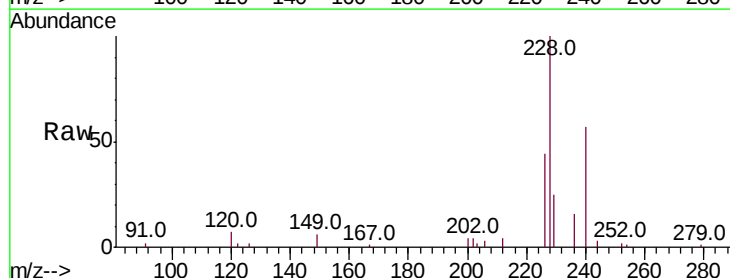
Tgt Ion:240 Resp: 6169

Ion Ratio Lower Upper

240 100

120 13.1 7.9 11.9#

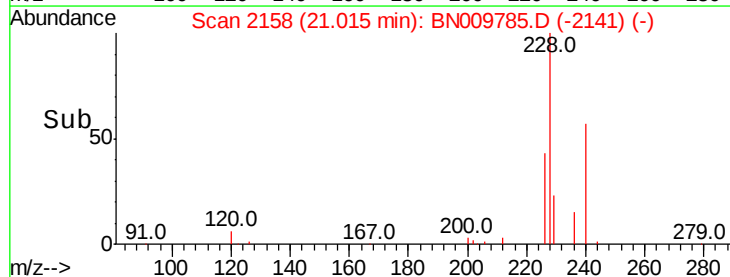
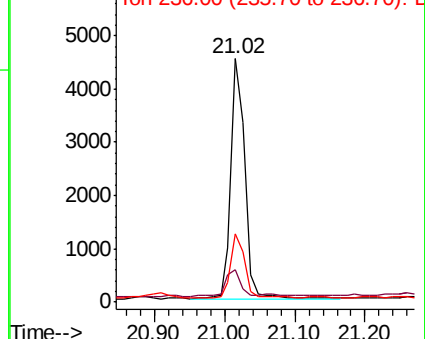
236 28.2 22.0 33.0

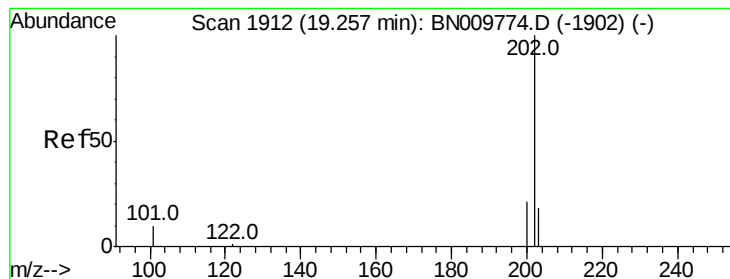


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pvrene

Concen: 2.298 ng

RT: 19.24 min Scan# 1909

Delta R.T. -0.02 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

Instrument :

BNA_N

ClientSampleId :

TP11-EP2-3

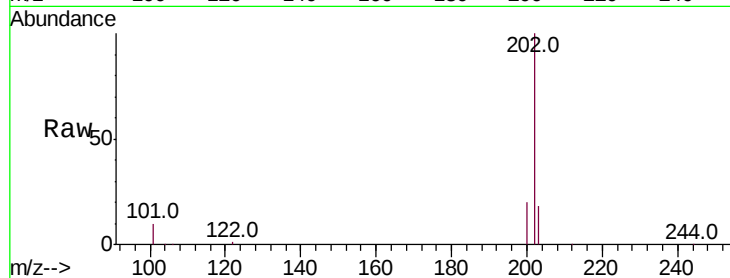
Tot Ion:202 Resp: 53838

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

203 20.3 13.9 20.9



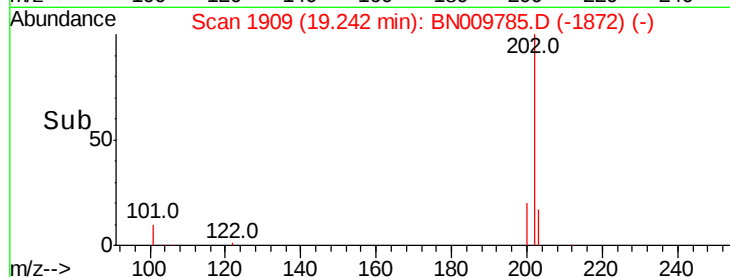
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

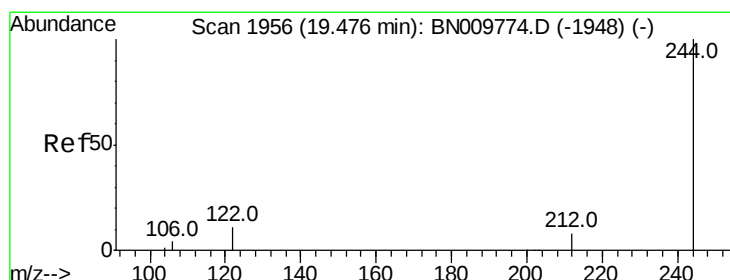
19.24

Time-->



19.24

Time-->



#29

Terphenyl-d14

Concen: 0.062 ng

RT: 19.47 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

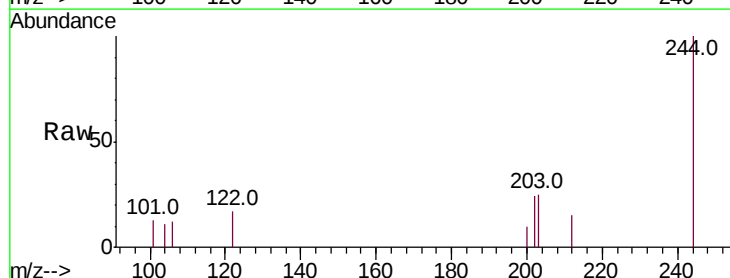
Tgt Ion:244 Resp: 919

Ion Ratio Lower Upper

244 100

212 15.2 8.0 12.0#

122 17.4 10.0 15.0#



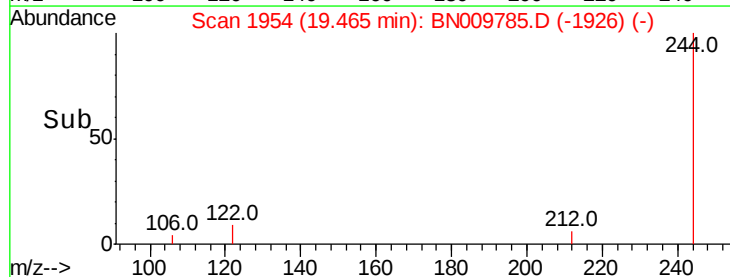
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

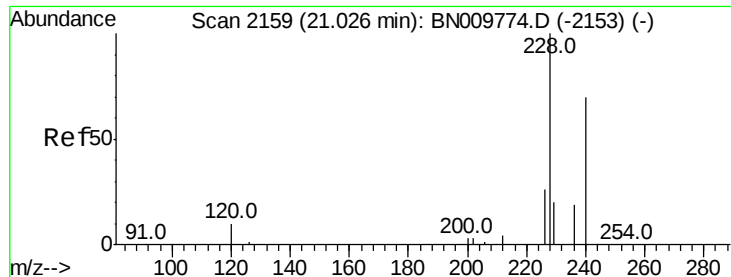
19.47

Time-->



19.47

Time-->



#30

Benzo(a)anthracene

Concen: 1.464 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

Instrument :

BNA_N

ClientSampleId :

TP11-EP2-3

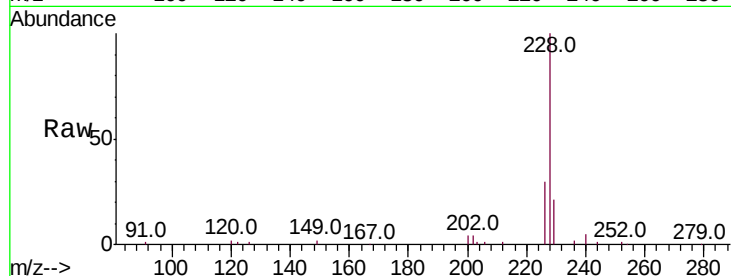
Tot Ion:228 Resp: 29978

Ion Ratio Lower Upper

228 100

226 29.5 21.8 32.8

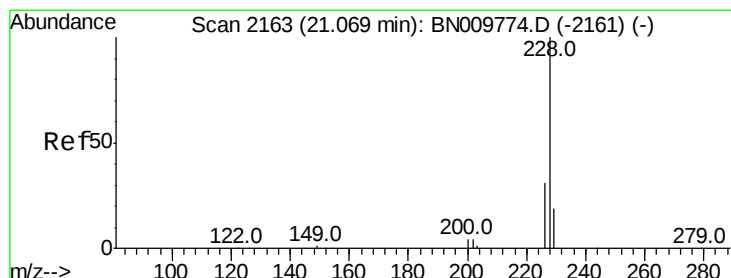
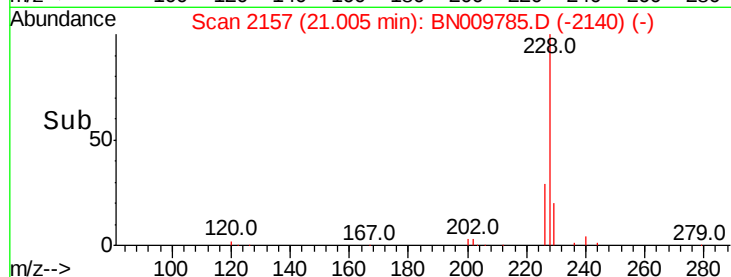
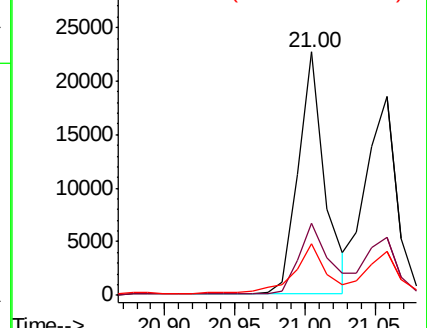
229 20.9 17.1 25.7



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: 1.178 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

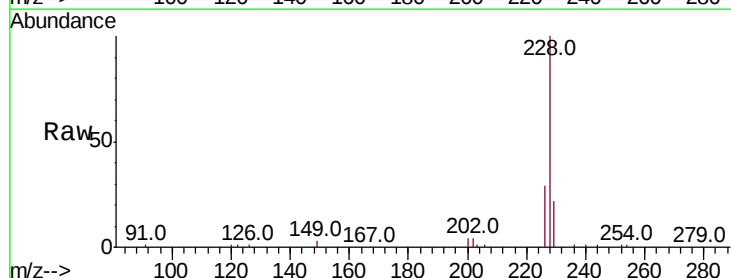
Tgt Ion:228 Resp: 27910

Ion Ratio Lower Upper

228 100

226 29.4 24.8 37.2

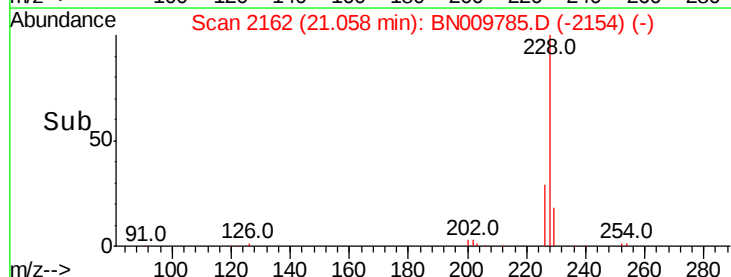
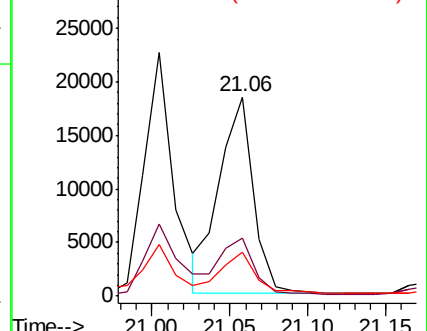
229 22.4 16.4 24.6

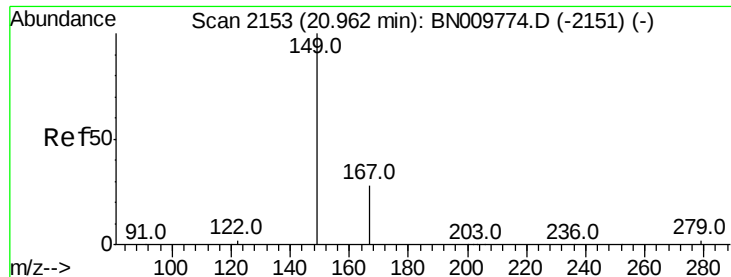


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.045 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

Instrument :

BNA_N

ClientSampleId :

TP11-EP2-3

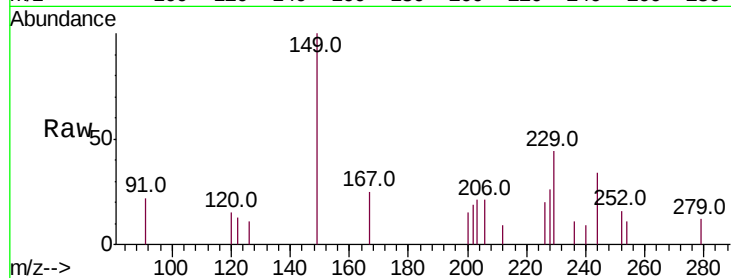
Tot Ion:149 Resp: 449

Ion Ratio Lower Upper

149 100

167 31.4 22.7 34.1

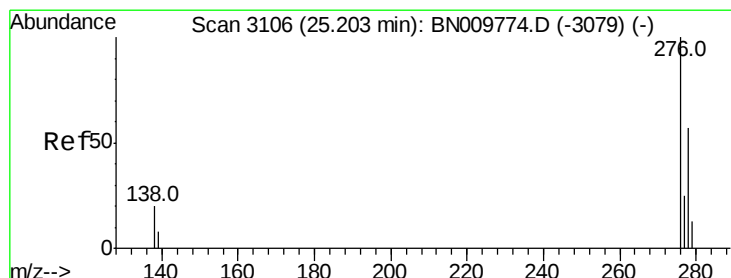
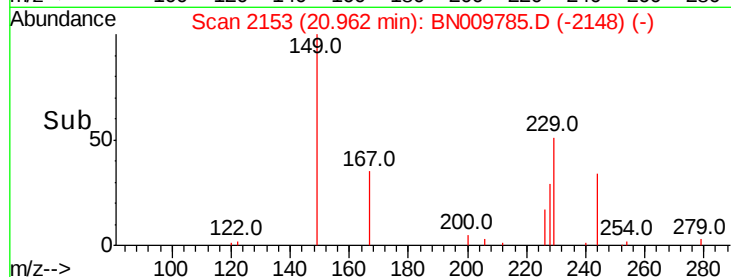
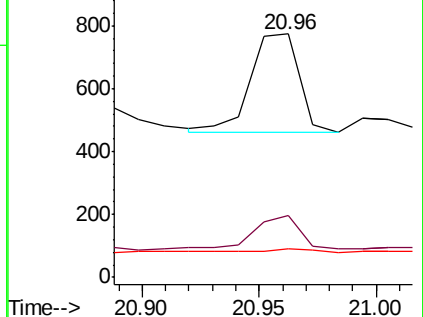
279 4.0 3.1 4.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.654 ng

RT: 25.18 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

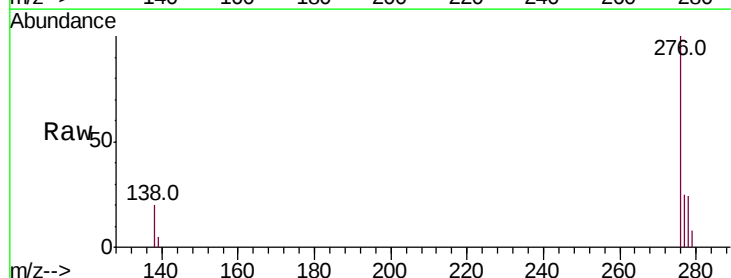
Tgt Ion:276 Resp: 16122

Ion Ratio Lower Upper

276 100

138 19.0 15.8 23.6

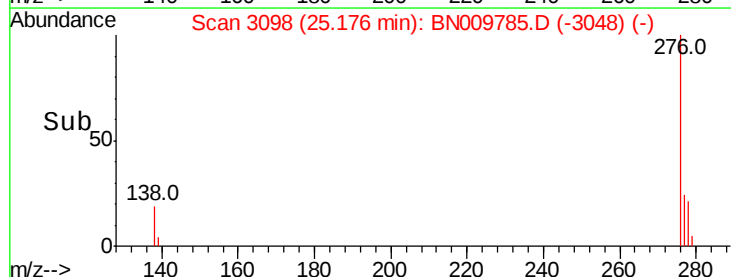
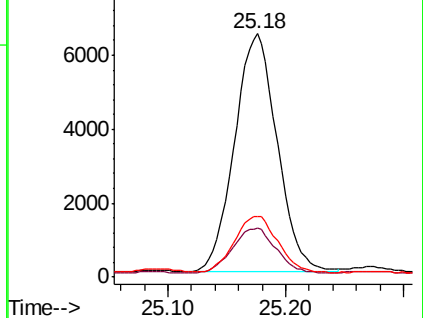
277 25.2 19.3 28.9

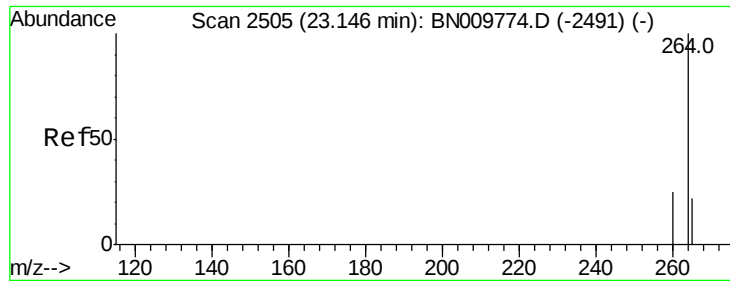


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

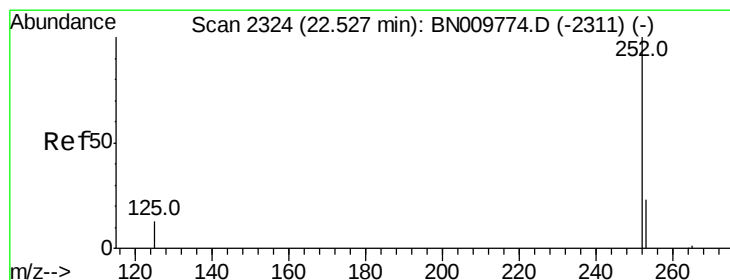
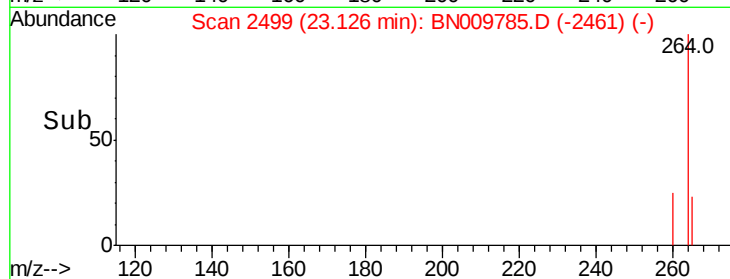
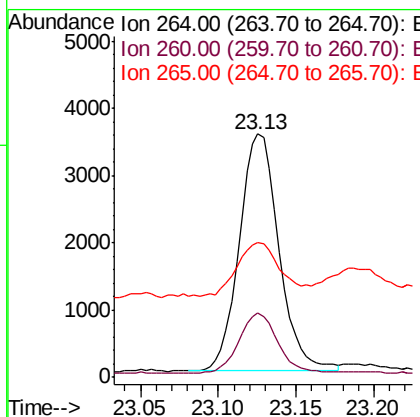
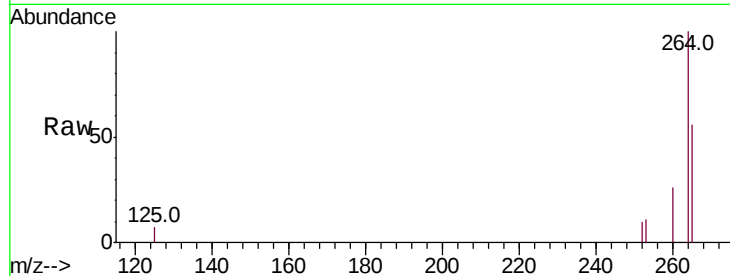




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.13 min Scan# 2499
Delta R.T. -0.02 min
Lab File: BN009785.D
Acq: 19 Feb 2020 19:46

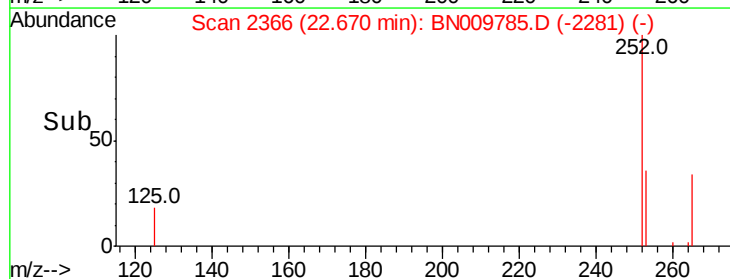
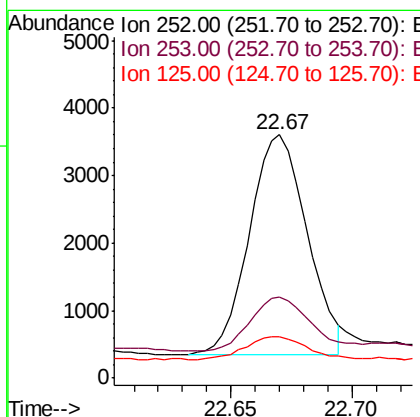
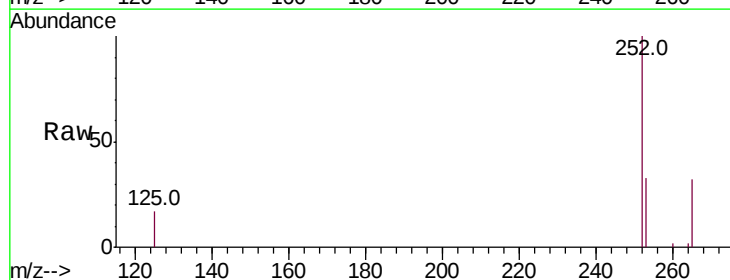
Instrument :
BNA_N
ClientSampleId :
TP11-EP2-3

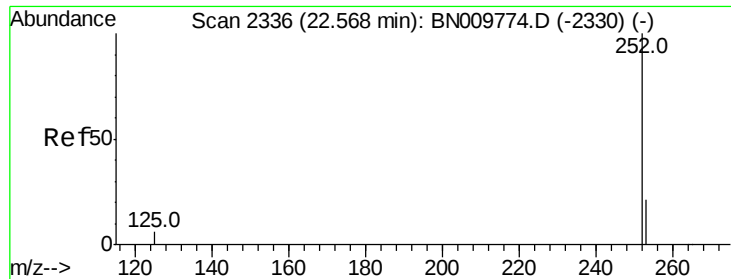
Tot Ion:264 Resp: 6235
Ion Ratio Lower Upper
264 100
260 26.2 21.1 31.7
265 55.6 57.5 86.3#



#35
Benzo(b)fluoranthene
Concen: 0.238 ng
RT: 22.67 min Scan# 2366
Delta R.T. 0.14 min
Lab File: BN009785.D
Acq: 19 Feb 2020 19:46

Tgt Ion:252 Resp: 5421
Ion Ratio Lower Upper
252 100
253 33.4 23.0 34.6
125 17.1 14.4 21.6

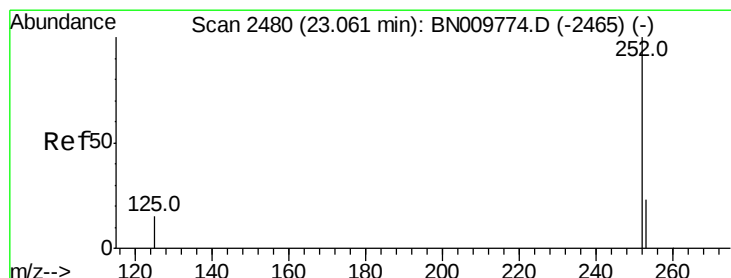
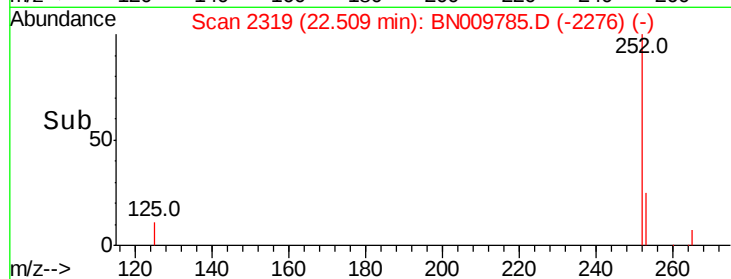
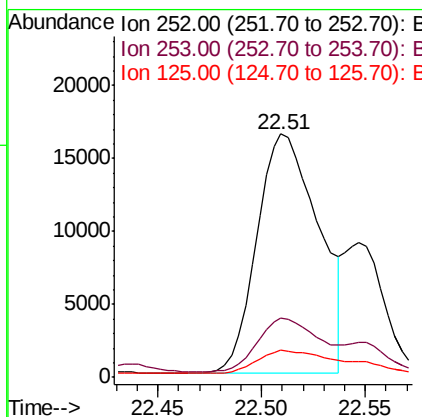
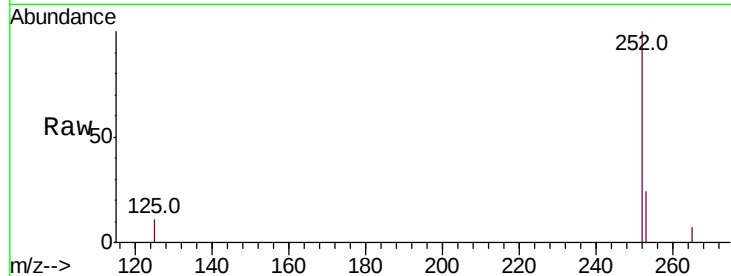




#36
Benzo(k)fluoranthene
Concen: 1.371 ng
RT: 22.51 min Scan# 2319
Delta R.T. -0.06 min
Lab File: BN009785.D
Acq: 19 Feb 2020 19:46

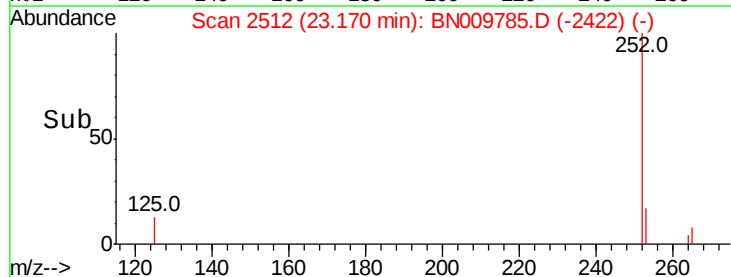
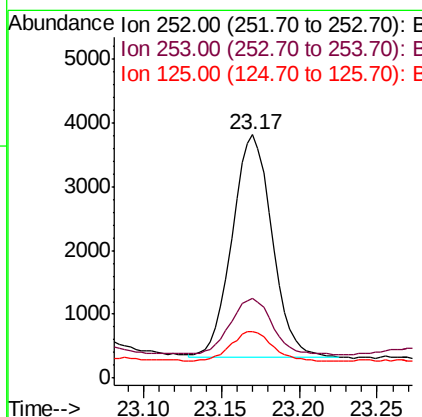
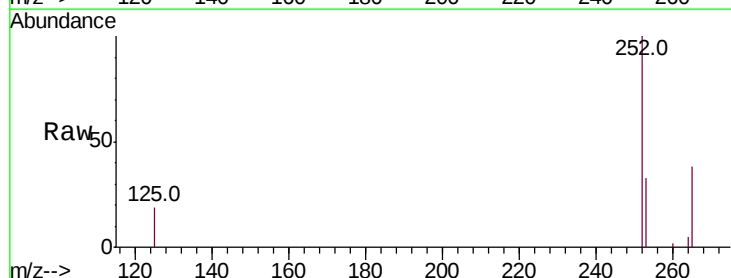
Instrument :
BNA_N
ClientSampleId :
TP11-EP2-3

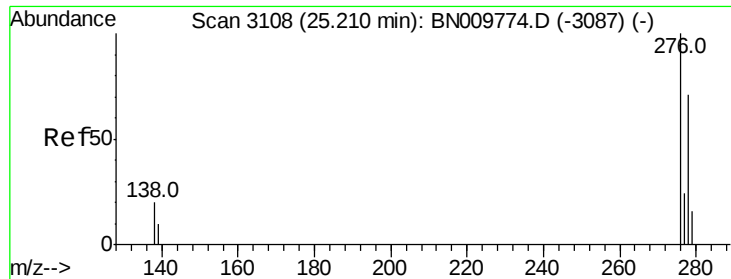
Tot Ion:252 Resp: 34023
Ion Ratio Lower Upper
252 100
253 24.1 22.2 33.2
125 11.0 10.5 15.7



#37
Benzo(a)pyrene
Concen: 0.300 ng
RT: 23.17 min Scan# 2512
Delta R.T. 0.11 min
Lab File: BN009785.D
Acq: 19 Feb 2020 19:46

Tgt Ion:252 Resp: 6245
Ion Ratio Lower Upper
252 100
253 32.6 25.3 37.9
125 19.2 17.7 26.5





#38

Dibenzo(a,h)anthracene

Concen: 0.210 ng

RT: 25.18 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

Instrument :

BNA_N

ClientSampleId :

TP11-EP2-3

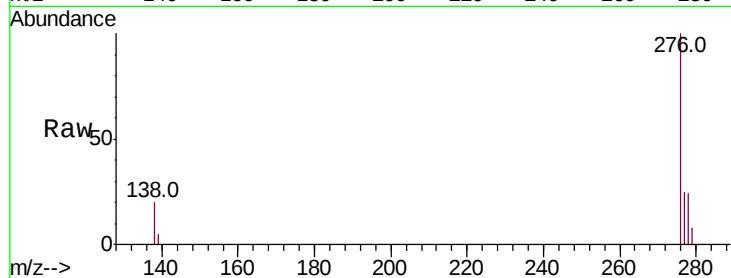
Tot Ion:278 Resp: 4300

Ion Ratio Lower Upper

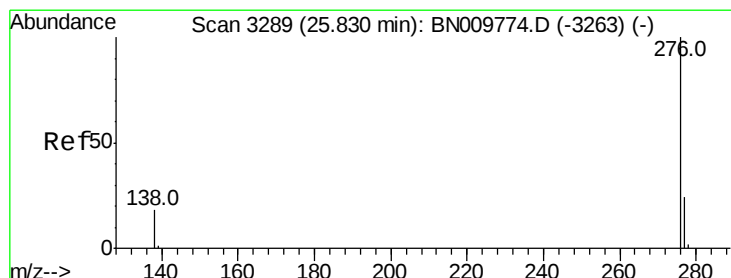
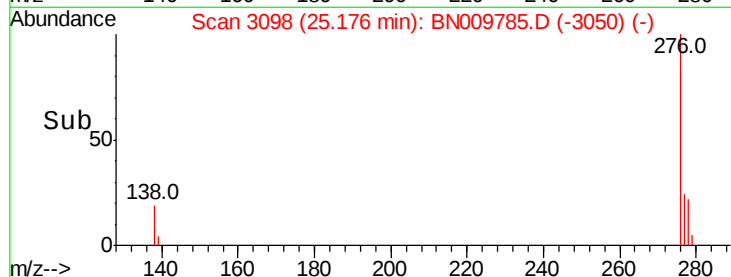
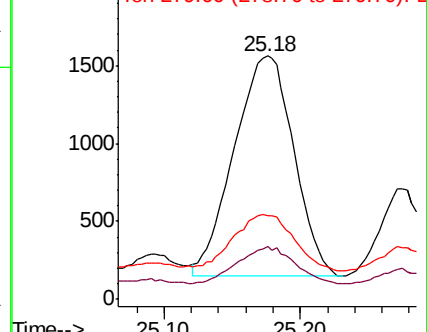
278 100

139 21.5 14.5 21.7

279 34.3 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: 0.782 ng

RT: 25.80 min Scan# 3279

Delta R.T. -0.03 min

Lab File: BN009785.D

Acq: 19 Feb 2020 19:46

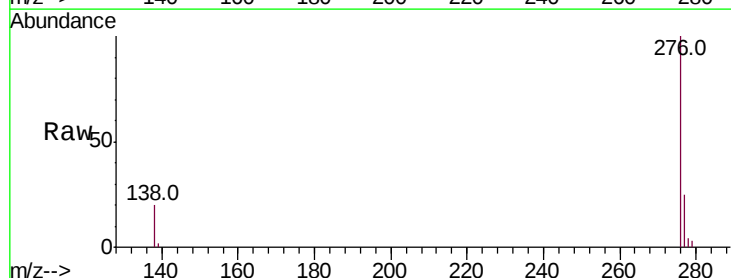
Tgt Ion:276 Resp: 17058

Ion Ratio Lower Upper

276 100

277 24.7 21.4 32.0

138 20.1 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

