

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN091620\
 Data File : BN011816.D
 Acq On : 16 Sep 2020 16:47
 Operator : CG/JU
 Sample : L3988-22MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Quant Time: Sep 16 17:16:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 12:37:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	2861	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	11295	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7903	0.40	ng	0.00
19) Phenanthrene-d10	17.10	188	15994	0.40	ng	0.00
29) Chrysene-d12	21.31	240	16161	0.40	ng	0.00
36) Perylene-d12	23.56	264	16551	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2327	0.29	ng	0.00
5) Phenol-d6	6.89	99	2720	0.27	ng	0.00
8) Nitrobenzene-d5	8.86	82	3289	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	7048	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1513	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.97	172	8707	0.25	ng	0.00
27) Fluoranthene-d10	19.15	212	20270	0.39	ng	0.00
31) Terphenyl-d14	19.75	244	17037	0.34	ng	0.00

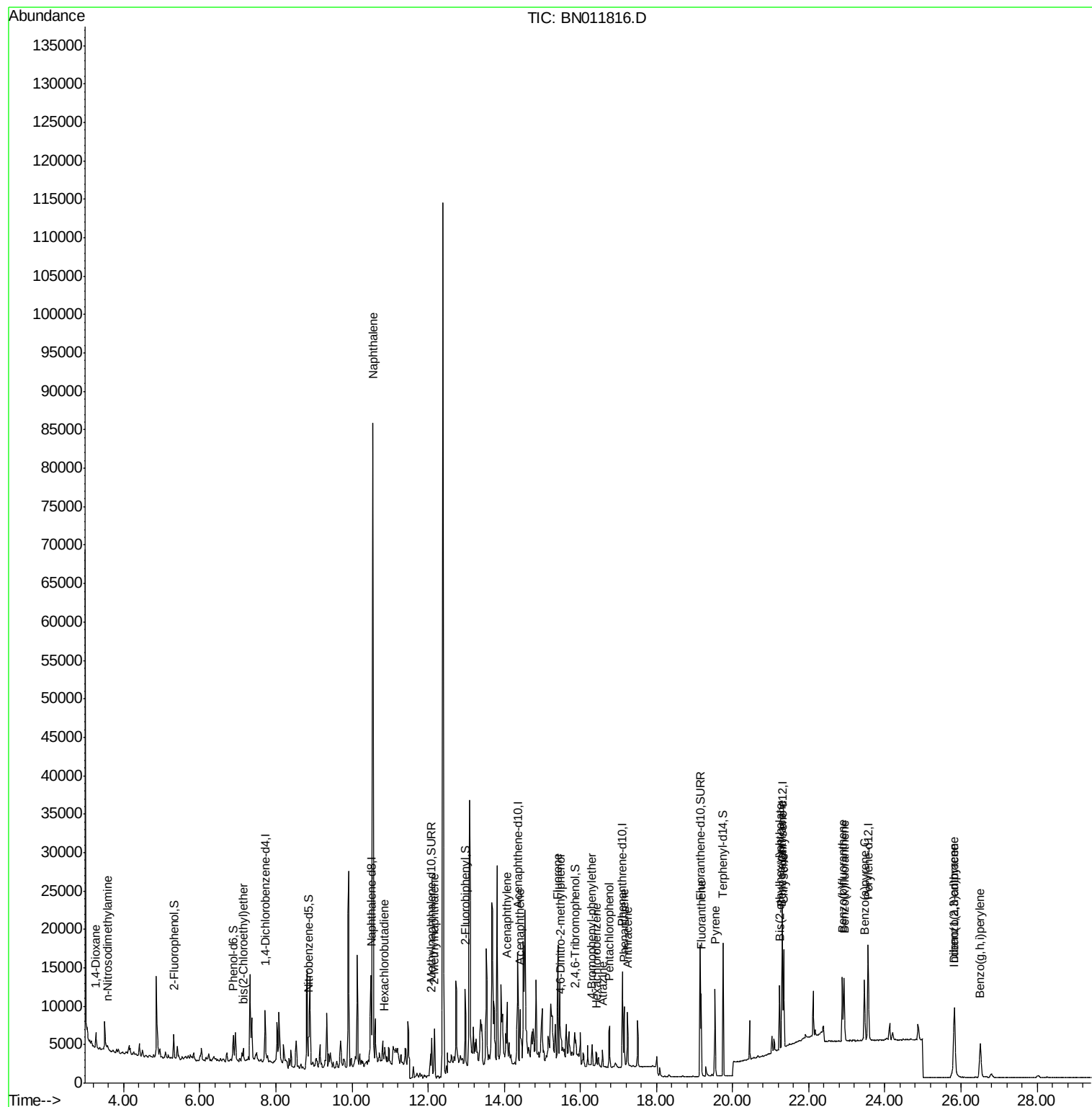
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	1367	0.333	ng	92
3) n-Nitrosodimethylamine	3.58	42	428	0.069	ng	# 80
6) bis(2-Chloroethyl)ether	7.14	93	1034	0.124	ng	92
9) Naphthalene	10.55	128	113199	3.500	ng	99
10) Hexachlorobutadiene	10.85	225	664	0.085	ng	# 98
12) 2-Methylnaphthalene	12.17	142	4374	0.189	ng	96
16) Acenaphthylene	14.08	152	4453	0.113	ng	# 84
17) Acenaphthene	14.42	154	3455	0.124	ng	# 86
18) Fluorene	15.41	166	6433	0.183	ng	# 97
20) 4,6-Dinitro-2-methylphenol	15.49	198	483	0.134	ng	# 1
21) 4-Bromophenyl-phenylether	16.30	248	1143	0.113	ng	# 44
22) Hexachlorobenzene	16.42	284	1352	0.114	ng	94
23) Atrazine	16.58	200	1585	0.170	ng	# 93
24) Pentachlorophenol	16.76	266	2809	0.562	ng	98
25) Phenanthrene	17.15	178	8214	0.158	ng	98
26) Anthracene	17.24	178	6584	0.141	ng	98
28) Fluoranthene	19.18	202	9677	0.149	ng	# 96
30) Pyrene	19.54	202	10037	0.175	ng	99
32) Benzo(a)anthracene	21.29	228	9646	0.164	ng	98
33) Chrysene	21.34	228	9611	0.156	ng	98
34) Bis(2-ethylhexyl)phthalate	21.24	149	7648	0.290	ng	97
35) Indeno(1,2,3-cd)pyrene	25.81	276	11498	0.142	ng	98
37) Benzo(b)fluoranthene	22.88	252	10311	0.151	ng	# 78
38) Benzo(k)fluoranthene	22.93	252	9985	0.146	ng	# 81
39) Benzo(a)pyrene	23.46	252	9102	0.152	ng	# 56
40) Dibenzo(a,h)anthracene	25.83	278	9542	0.138	ng	# 87
41) Benzo(g,h,i)perylene	26.50	276	9751	0.141	ng	# 93

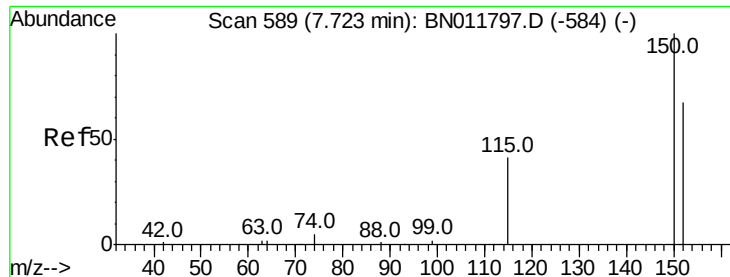
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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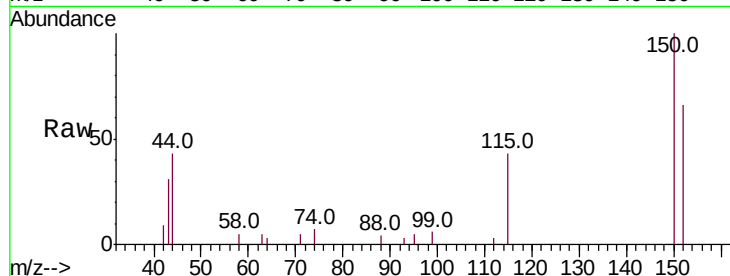


#1

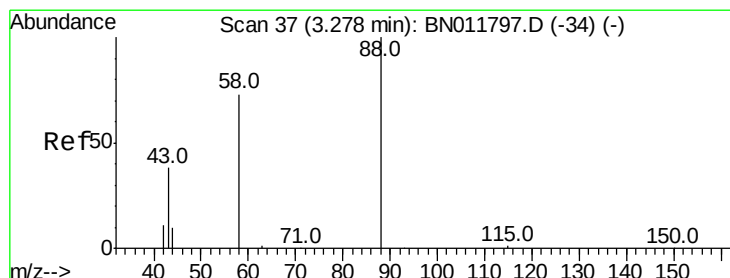
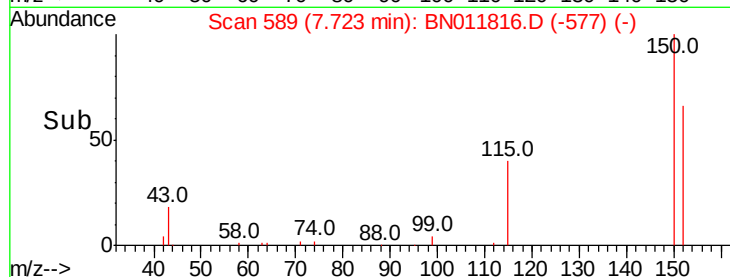
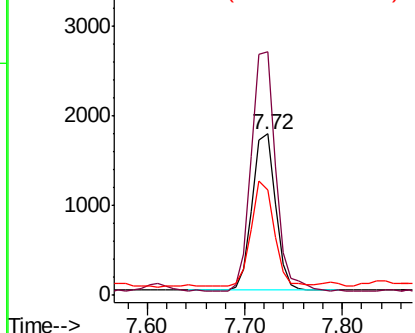
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN011816.D
Acq: 16 Sep 2020 16:47

Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

Tot Ion:152 Resp: 2861
Ion Ratio Lower Upper
152 100
150 151.1 118.3 177.5
115 65.1 51.3 76.9



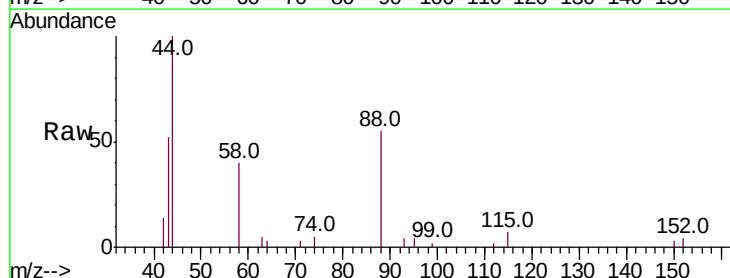
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



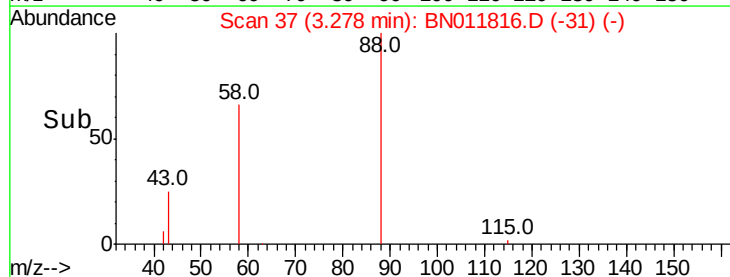
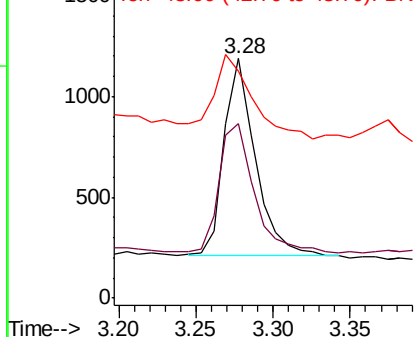
#2

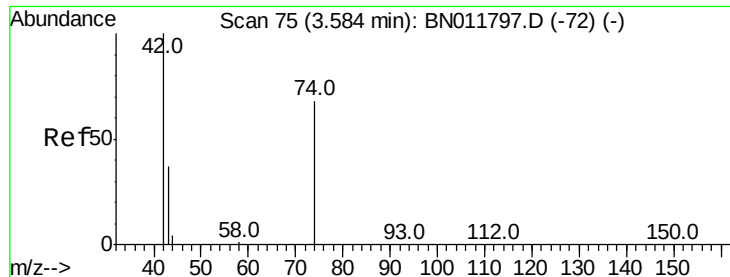
1,4-Dioxane
Concen: 0.333 ng
RT: 3.28 min Scan# 37
Delta R.T. -0.00 min
Lab File: BN011816.D
Acq: 16 Sep 2020 16:47

Tgt Ion: 88 Resp: 1367
Ion Ratio Lower Upper
88 100
58 73.3 63.3 94.9
43 48.0 33.0 49.4



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.069 ng

RT: 3.58 min Scan# 75

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

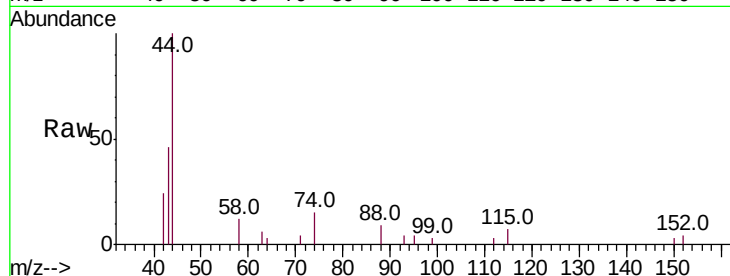
Tot Ion: 42 Resp: 428

Ion Ratio Lower Upper

42 100

74 98.4 64.4 96.6#

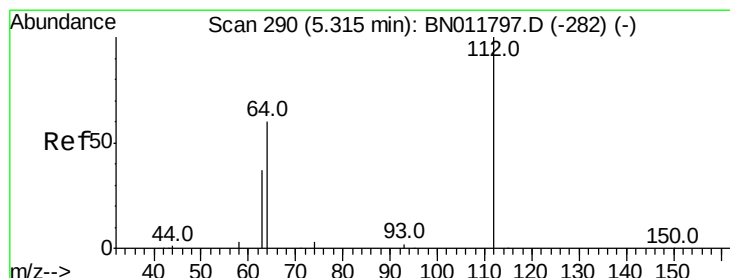
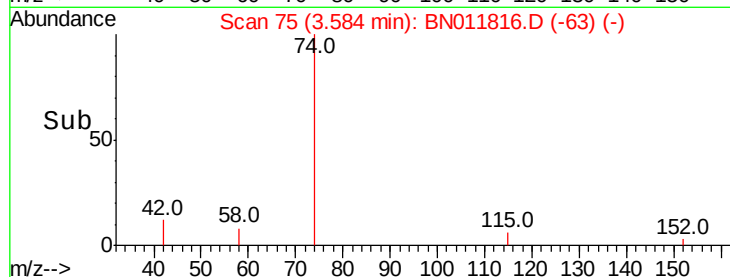
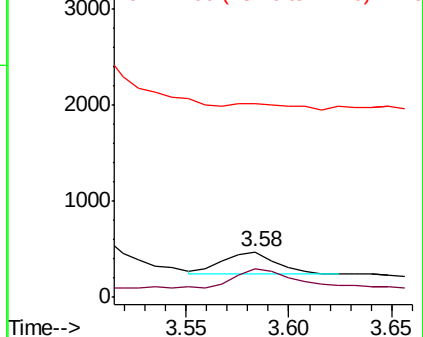
44 0.0 6.7 10.1#



Abundance Ion 42.00 (41.70 to 42.70): BN011797.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BN011797.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BN011797.D (-72) (-)



#4

2-Fluorophenol

Concen: 0.294 ng

RT: 5.32 min Scan# 290

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

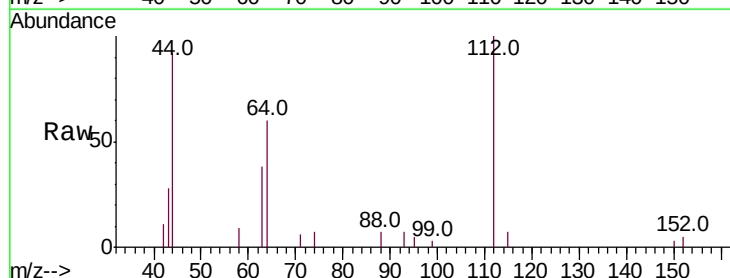
Tgt Ion: 112 Resp: 2327

Ion Ratio Lower Upper

112 100

64 59.9 49.0 73.6

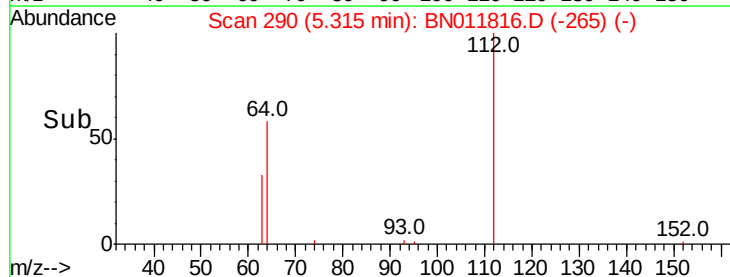
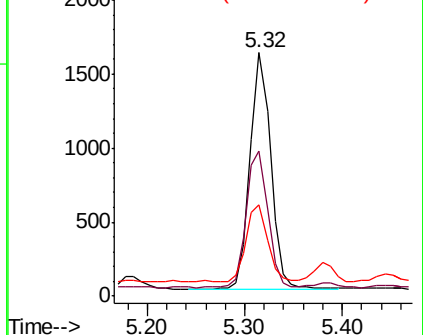
63 34.0 31.8 47.6

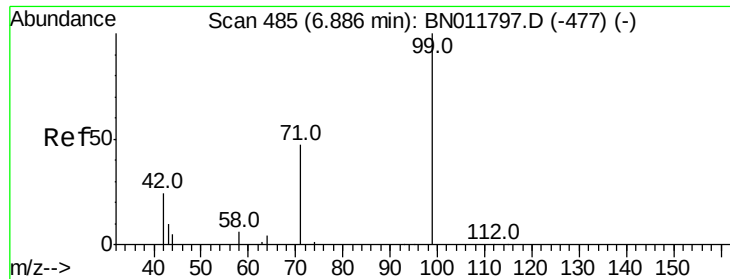


Abundance Ion 112.00 (111.70 to 112.70): BN011816.D (-265) (-)

Ion 64.00 (63.70 to 64.70): BN011816.D (-265) (-)

Ion 63.00 (62.70 to 63.70): BN011816.D (-265) (-)





#5

Phenol-d6

Concen: 0.267 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

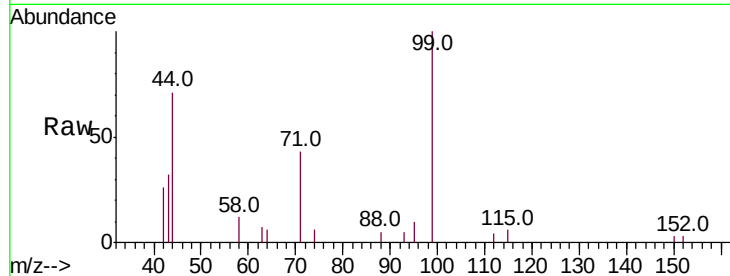
Tot Ion: 99 Resp: 2720

Ion Ratio Lower Upper

99 100

42 27.2 23.4 35.0

71 46.7 38.1 57.1

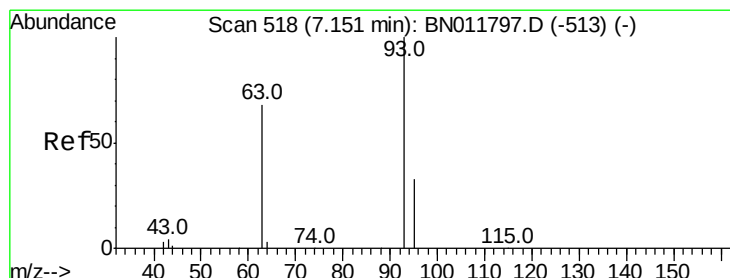
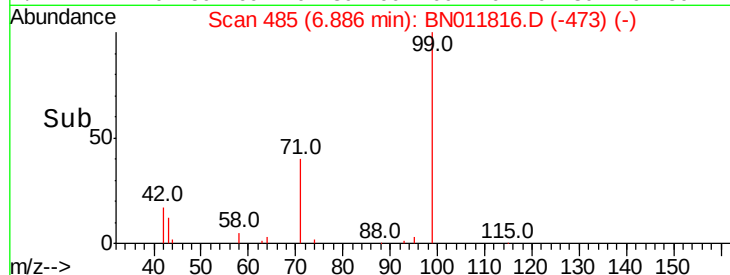


Abundance Ion 99.00 (98.70 to 99.70): BN011797.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011797.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011797.D (-477) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.124 ng

RT: 7.14 min Scan# 517

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

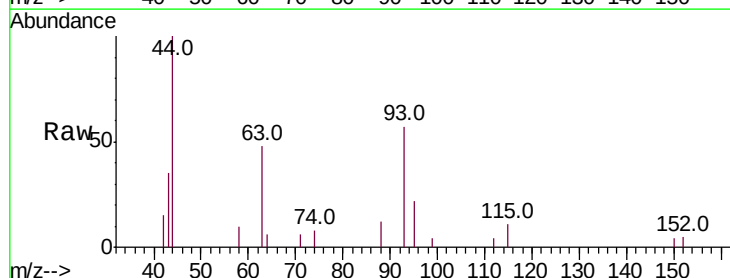
Tgt Ion: 93 Resp: 1034

Ion Ratio Lower Upper

93 100

63 83.7 61.1 91.7

95 28.9 25.5 38.3

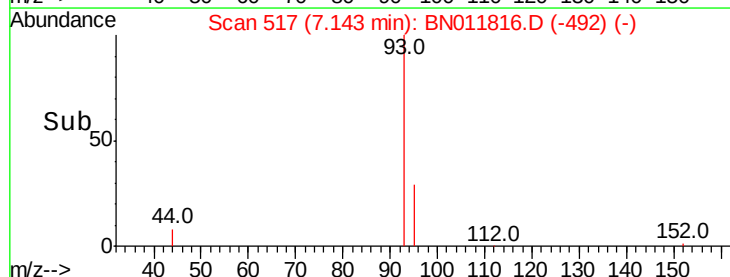


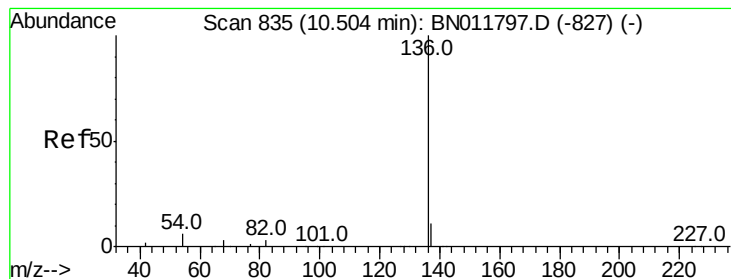
Abundance Ion 93.00 (92.70 to 93.70): BN011797.D (-513) (-)

Ion 63.00 (62.70 to 63.70): BN011797.D (-513) (-)

Ion 95.00 (94.70 to 95.70): BN011797.D (-513) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.50 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

Tot Ion:136 Resp: 11295

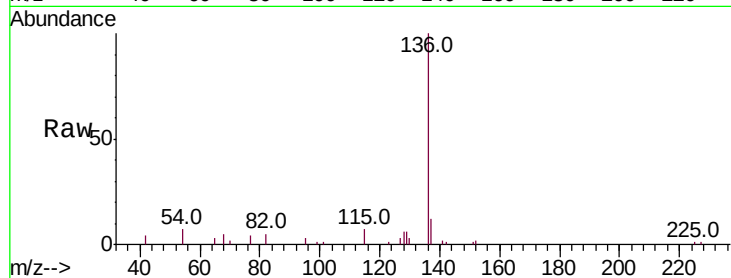
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 6.6 5.6 8.4

68 5.2 3.2 4.8#

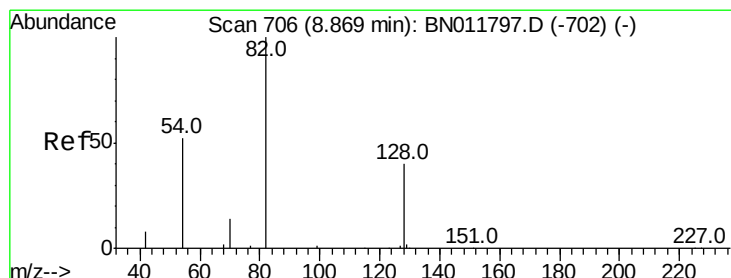
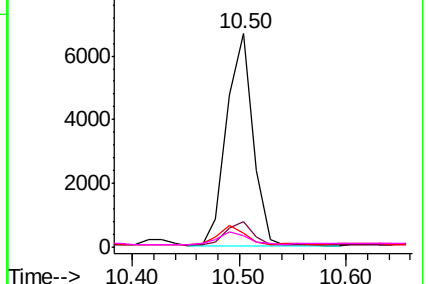
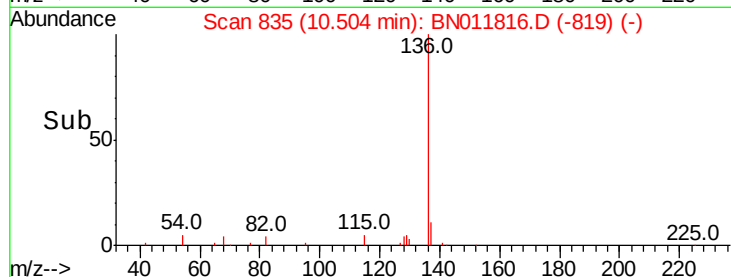


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.264 ng

RT: 8.86 min Scan# 705

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

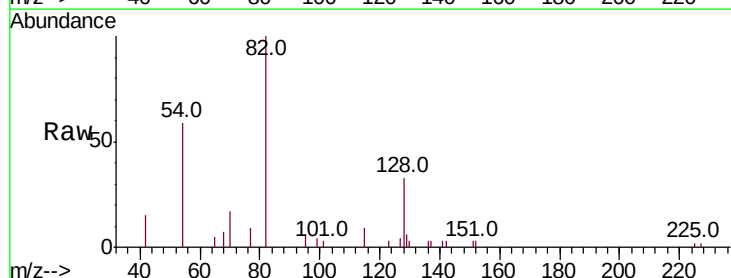
Tgt Ion: 82 Resp: 3289

Ion Ratio Lower Upper

82 100

128 32.7 34.2 51.2#

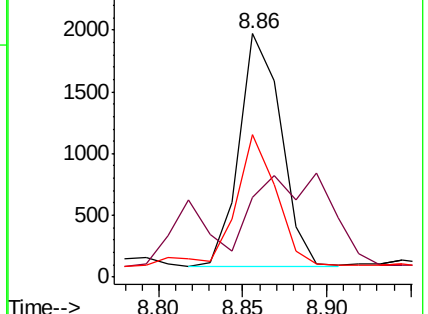
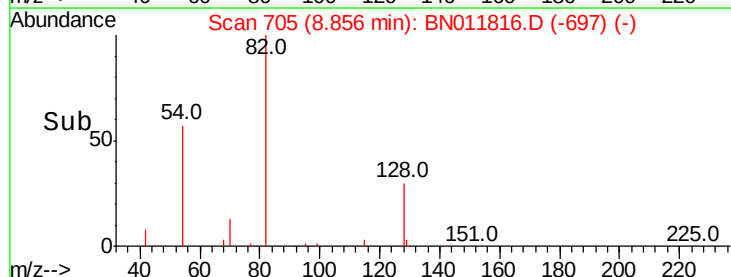
54 58.6 43.1 64.7

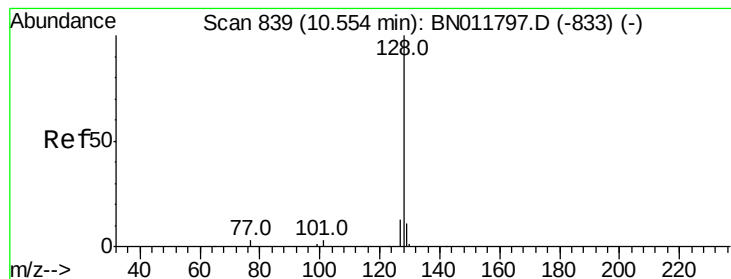


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.500 ng

RT: 10.55 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011816.D

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FC-MW03SR1-20200910MSD

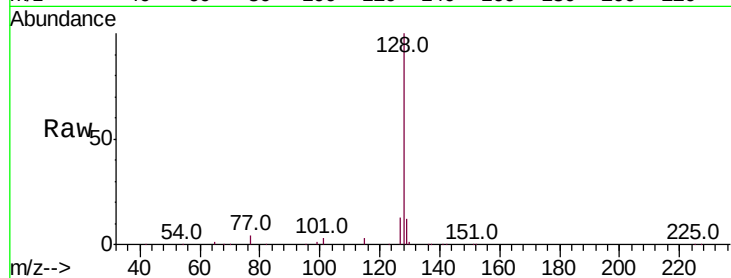
Tot Ion:128 Resp: 113199

Ion Ratio Lower Upper

128 100

129 12.0 9.7 14.5

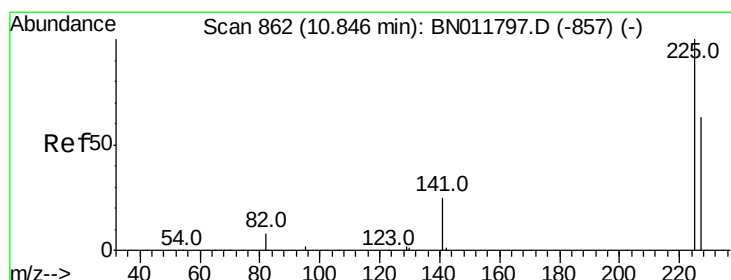
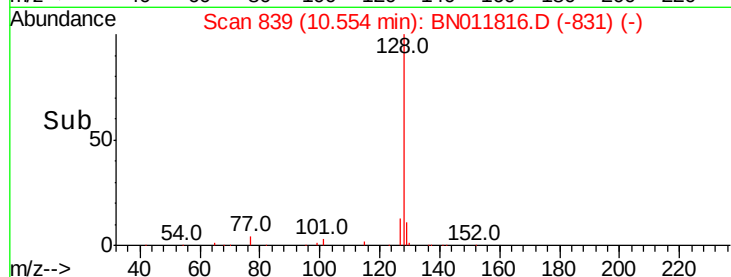
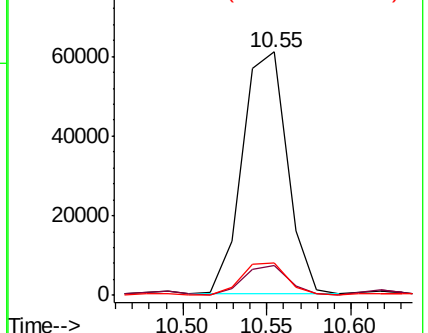
127 13.1 11.0 16.4



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



#10

Hexachlorobutadiene

Concen: 0.085 ng

RT: 10.85 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

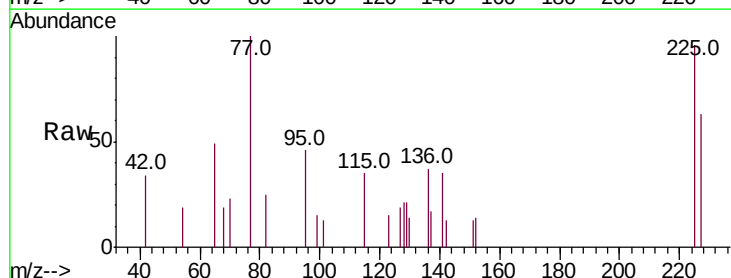
Tgt Ion:225 Resp: 664

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

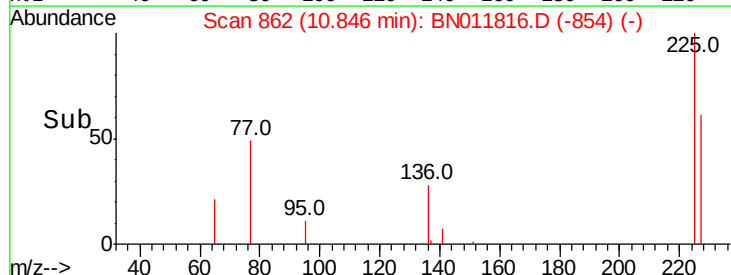
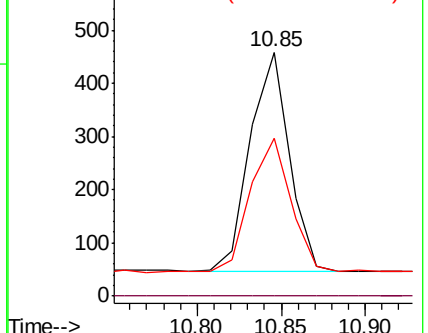
227 63.0 51.9 77.9

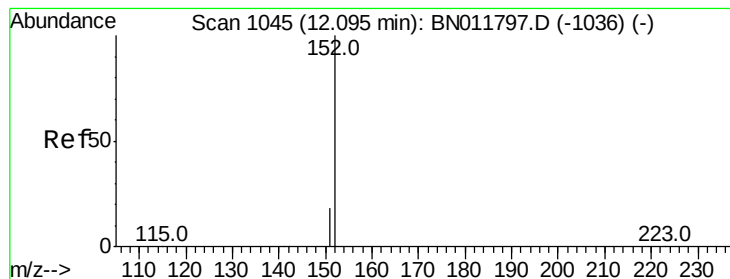


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.332 ng

RT: 12.10 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

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ClientSampleId :

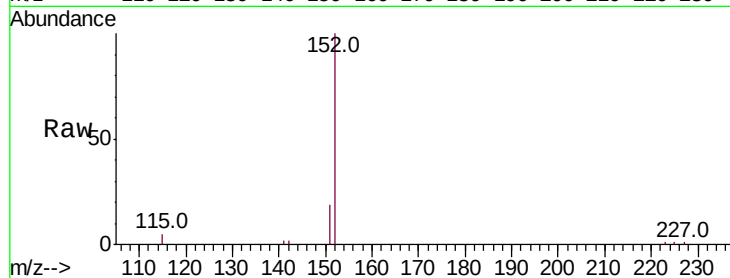
FC-MW03SR1-20200910MSD

Tot Ion:152 Resp: 7048

Ion Ratio Lower Upper

152 100

151 19.7 16.7 25.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.10

5000

4000

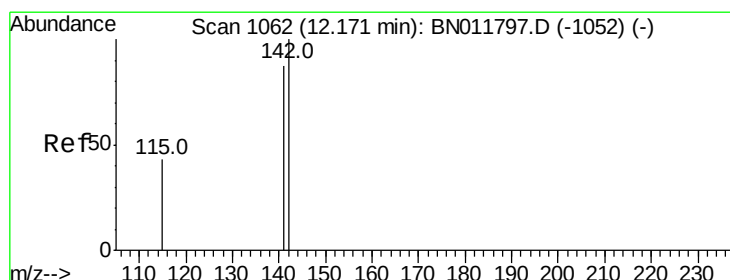
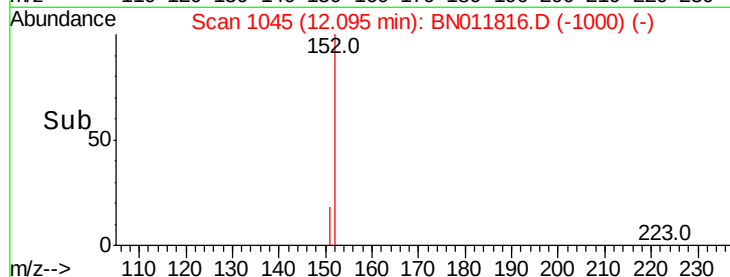
3000

2000

1000

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.189 ng

RT: 12.17 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

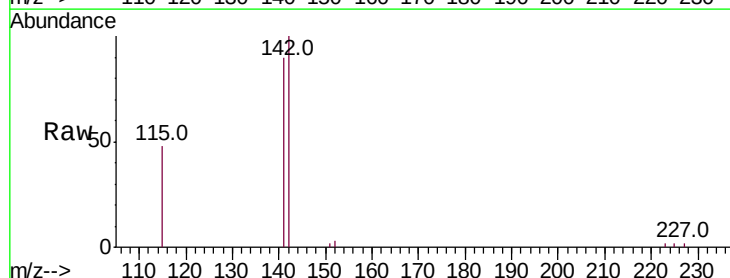
Tgt Ion:142 Resp: 4374

Ion Ratio Lower Upper

142 100

141 90.2 70.0 105.0

115 48.3 35.8 53.6



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

12.17

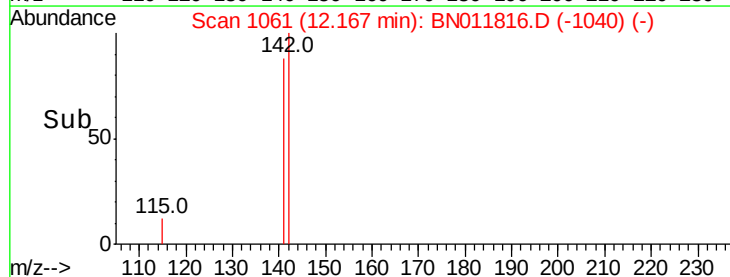
3000

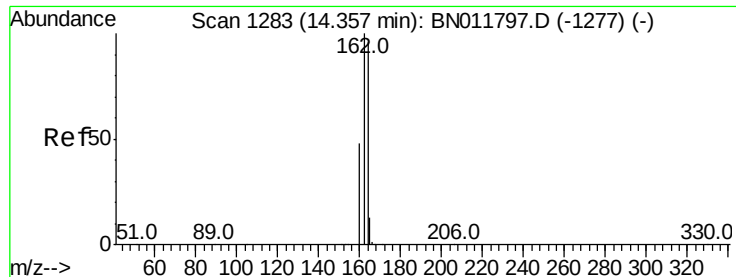
2000

1000

0

Time--> 12.10 12.15 12.20 12.25





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

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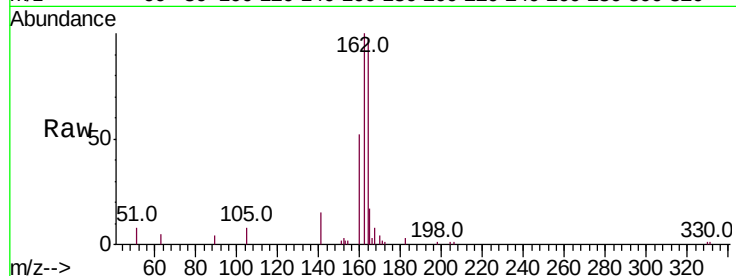
Tot Ion:164 Resp: 7903

Ion Ratio Lower Upper

164 100

162 102.9 83.6 125.4

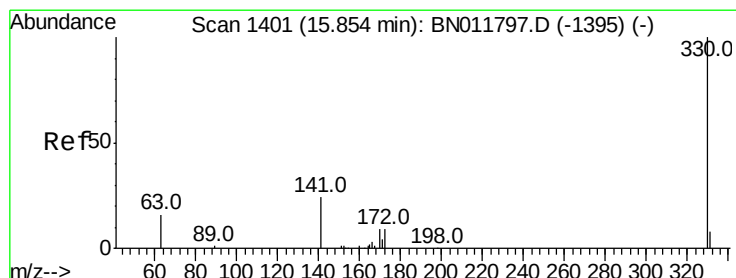
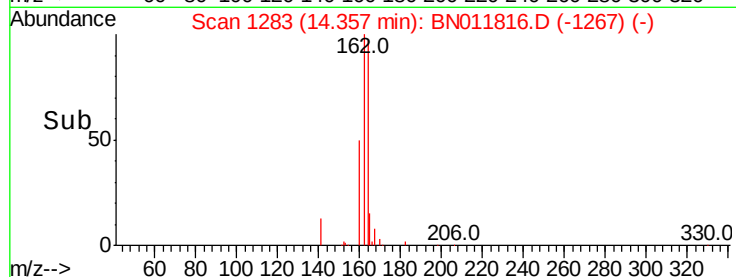
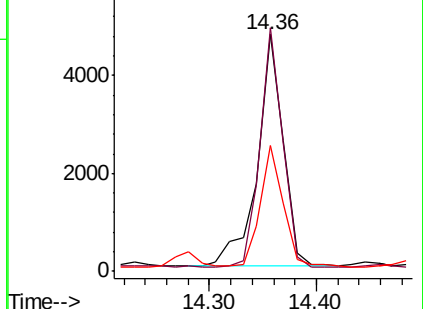
160 53.1 41.2 61.8



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: 0.350 ng

RT: 15.85 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

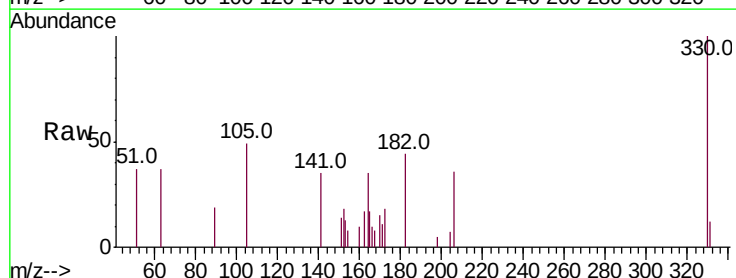
Tgt Ion:330 Resp: 1513

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

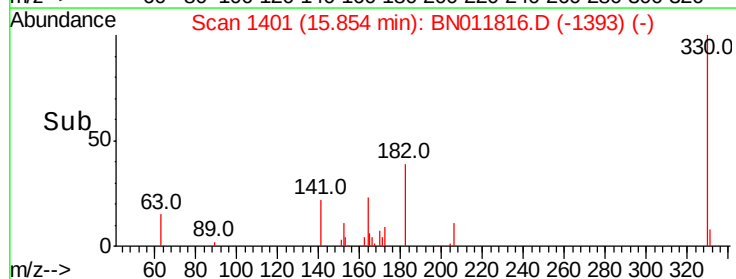
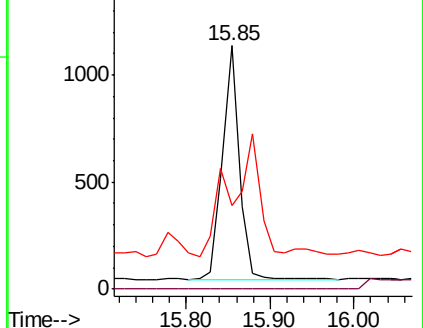
141 0.0 33.7 50.5#

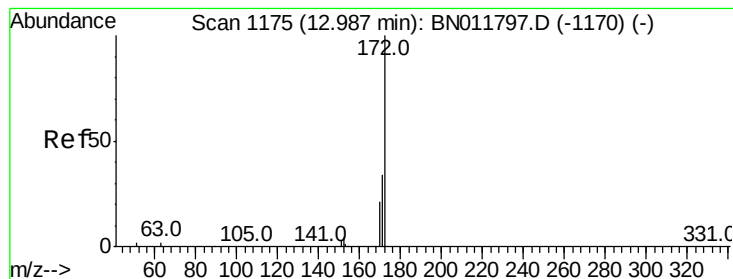


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.246 ng

RT: 12.97 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

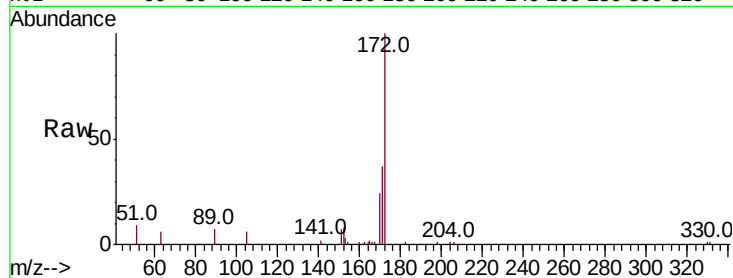
Tot Ion:172 Resp: 8707

Ion Ratio Lower Upper

172 100

171 37.0 27.4 41.2

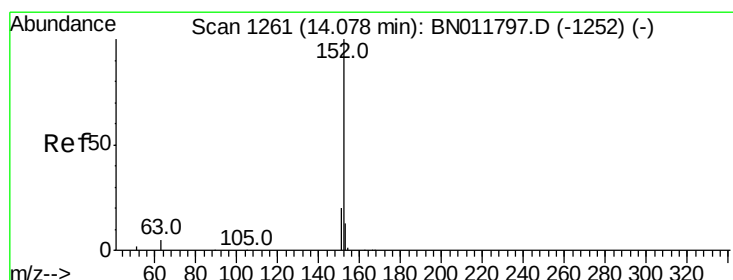
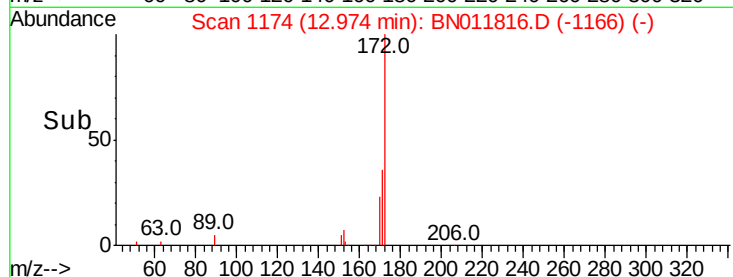
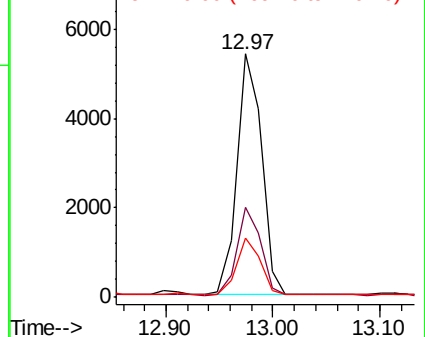
170 24.1 17.8 26.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.113 ng

RT: 14.08 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

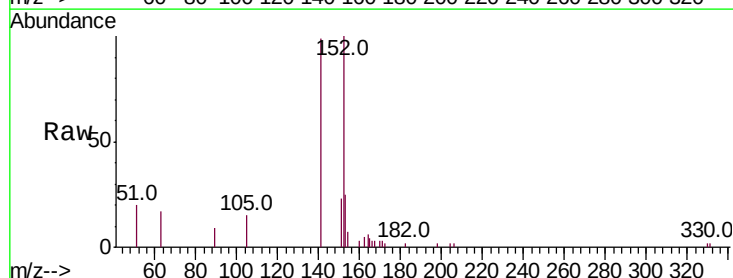
Tgt Ion:152 Resp: 4453

Ion Ratio Lower Upper

152 100

151 20.6 15.9 23.9

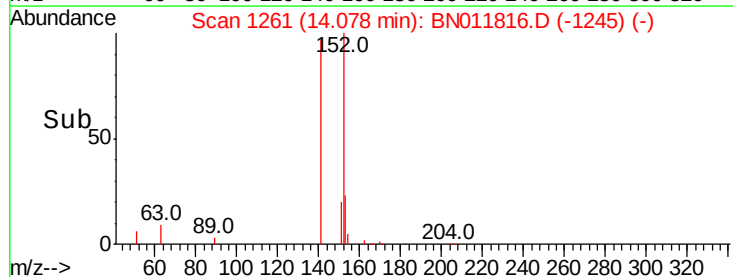
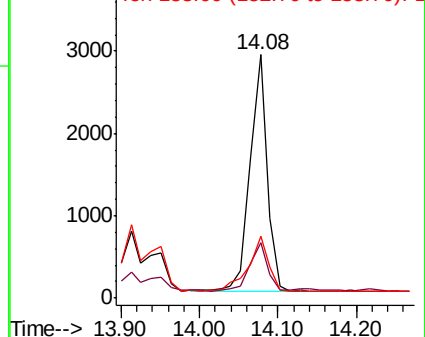
153 28.3 10.5 15.7#

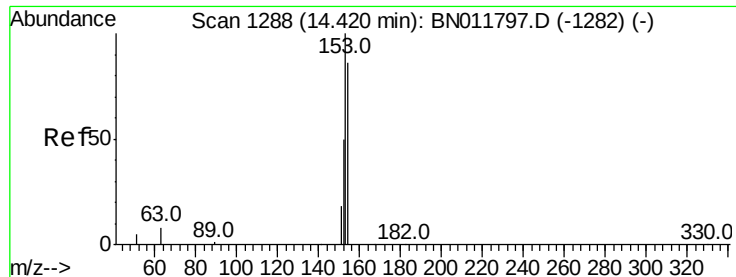


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.124 ng

RT: 14.42 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

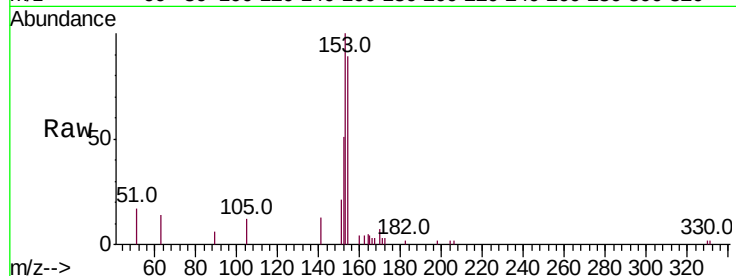
Tot Ion:154 Resp: 3455

Ion Ratio Lower Upper

154 100

153 116.4 83.4 125.2

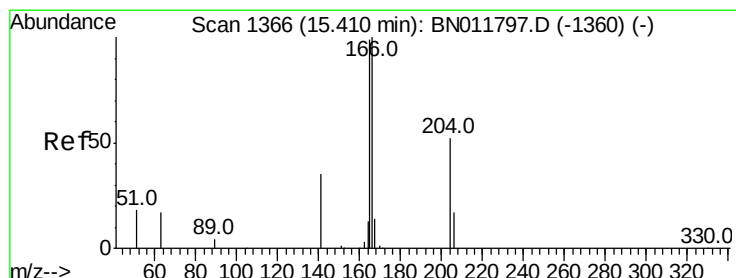
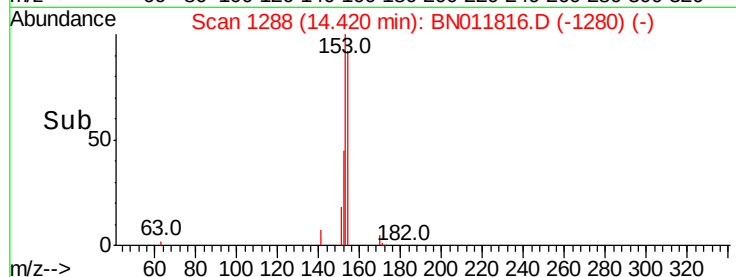
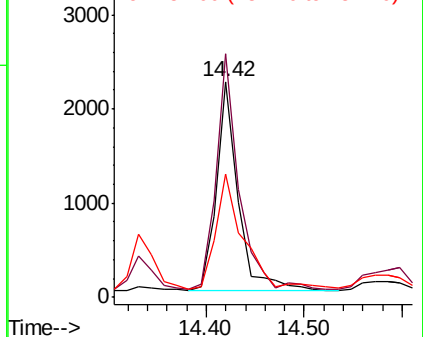
152 67.5 42.8 64.2#



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: 0.183 ng

RT: 15.41 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

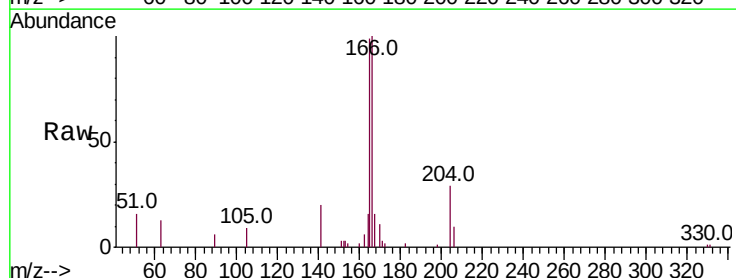
Tgt Ion:166 Resp: 6433

Ion Ratio Lower Upper

166 100

165 99.9 78.8 118.2

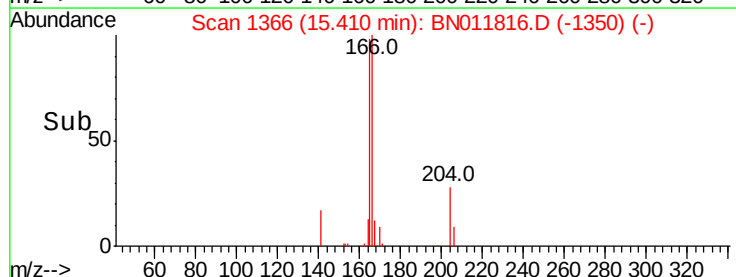
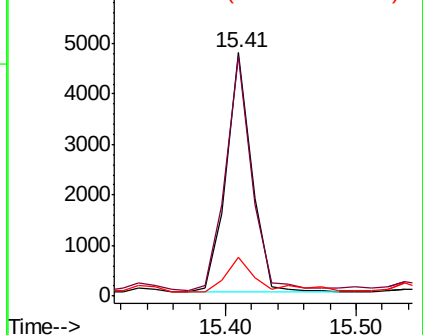
167 20.3 11.2 16.8#

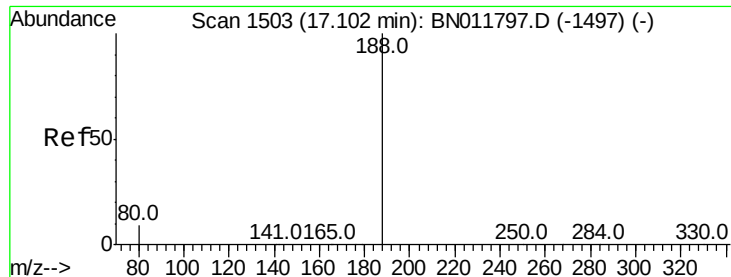


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.10 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

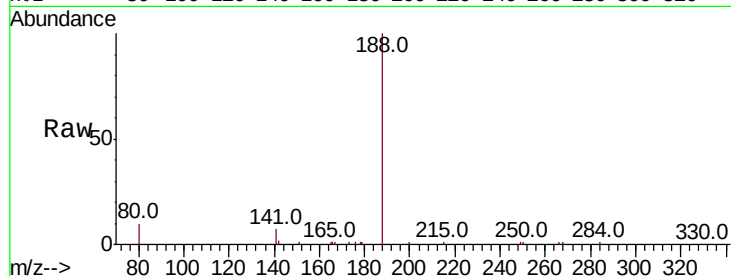
Tot Ion:188 Resp: 15994

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

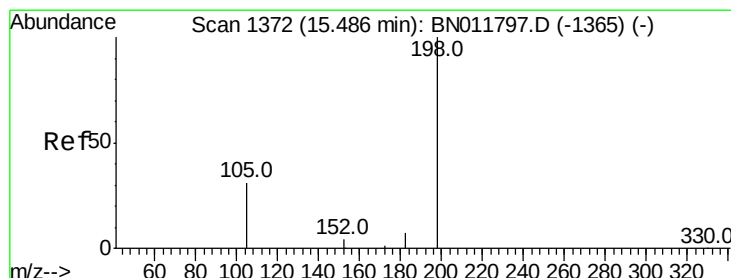
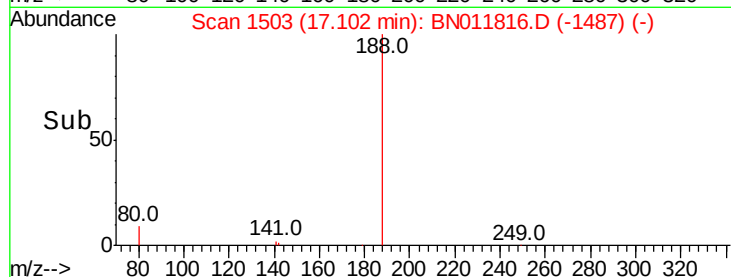
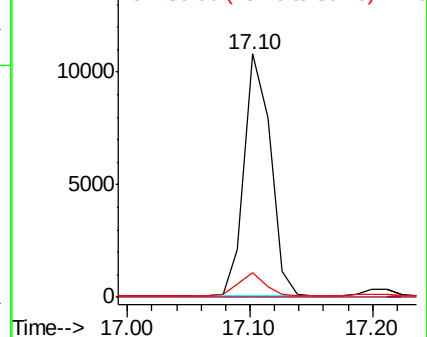
80 10.2 7.7 11.5



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

4,6-Dinitro-2-methylphenol

Concen: 0.134 ng

RT: 15.49 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

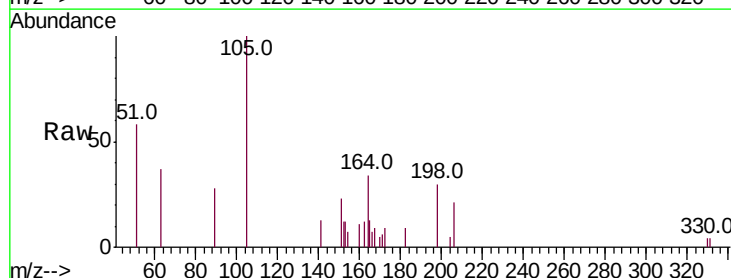
Tgt Ion:198 Resp: 483

Ion Ratio Lower Upper

198 100

51 194.1 45.0 67.4#

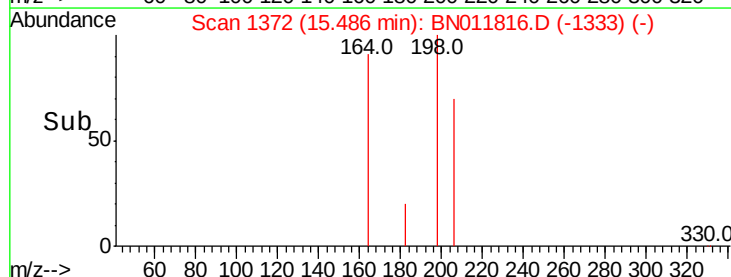
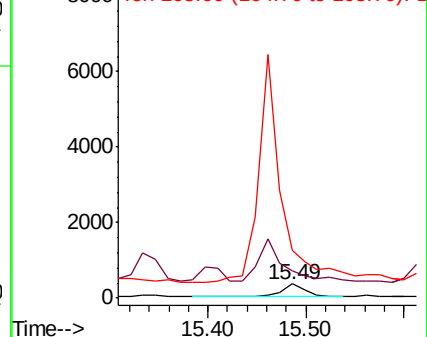
105 336.5 30.4 45.6#

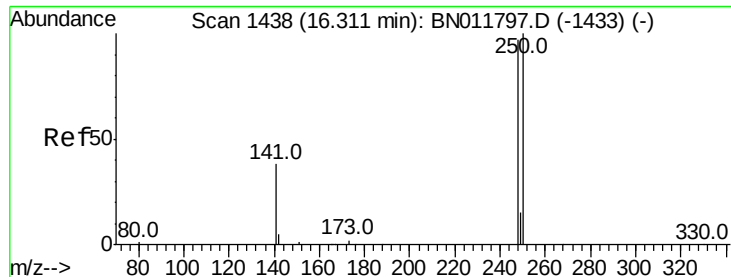


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.113 ng

RT: 16.30 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

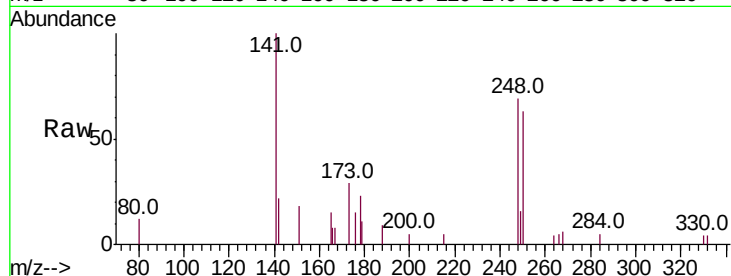
Tot Ion:248 Resp: 1143

Ion Ratio Lower Upper

248 100

250 90.4 82.7 124.1

141 144.4 33.7 50.5#



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

1500

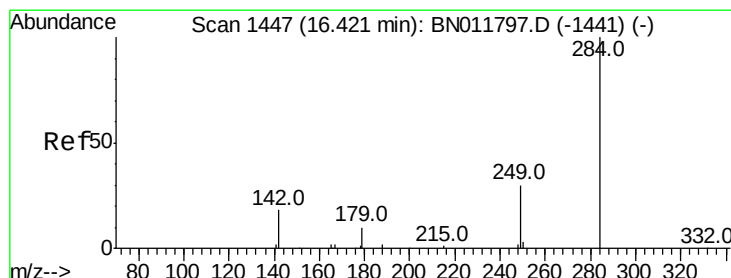
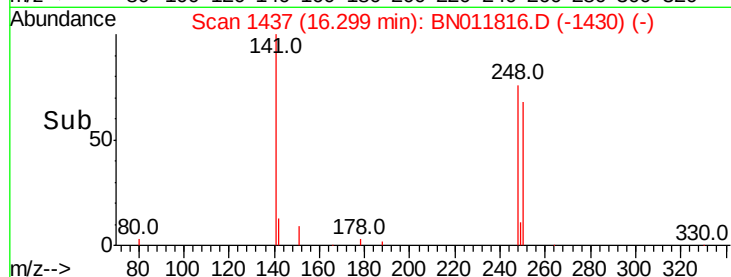
1000

500

0

16.30

Time--> 16.20 16.30



#22

Hexachlorobenzene

Concen: 0.114 ng

RT: 16.42 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

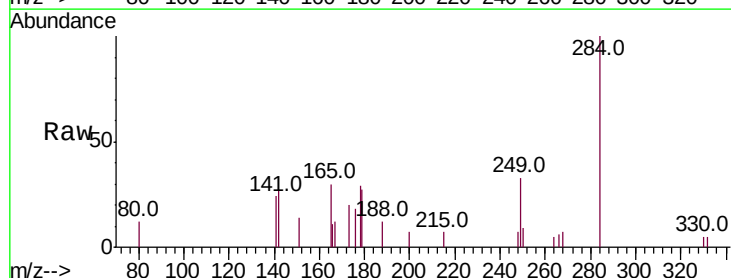
Tgt Ion:284 Resp: 1352

Ion Ratio Lower Upper

284 100

142 34.9 32.4 48.6

249 31.7 26.8 40.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

1200

1000

800

600

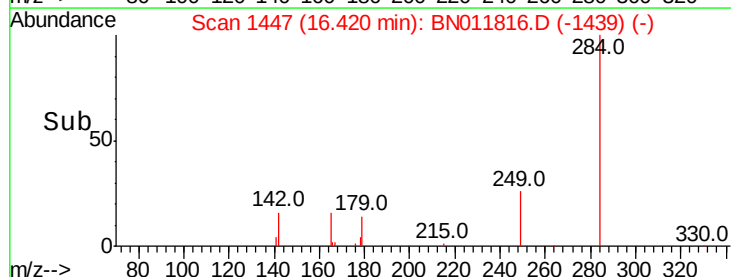
400

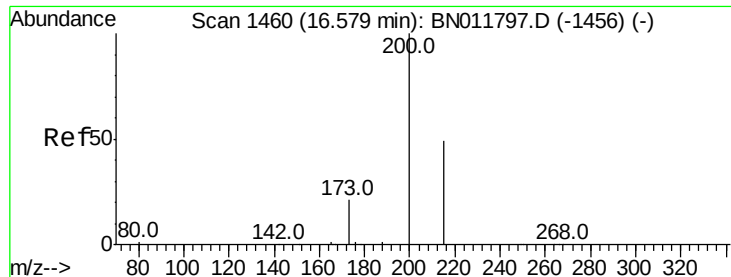
200

0

16.42

Time--> 16.30 16.40 16.50





#23

Atrazine

Concen: 0.170 ng

RT: 16.58 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

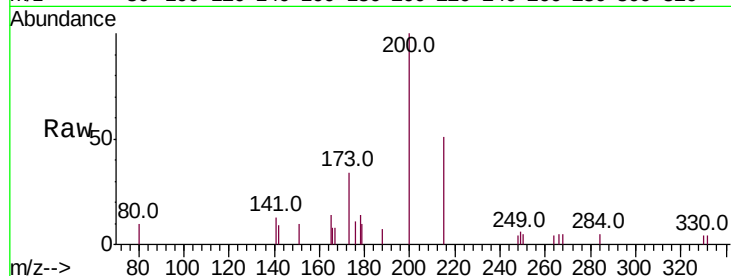
Tot Ion:200 Resp: 1585

Ion Ratio Lower Upper

200 100

173 34.3 18.7 28.1#

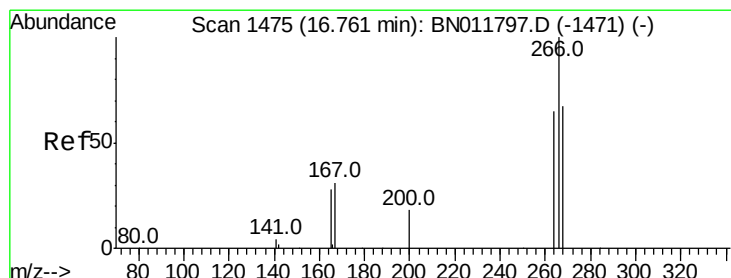
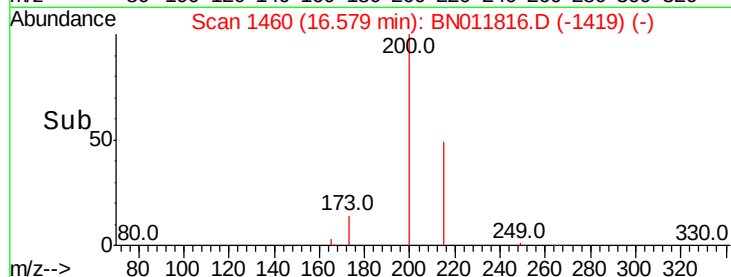
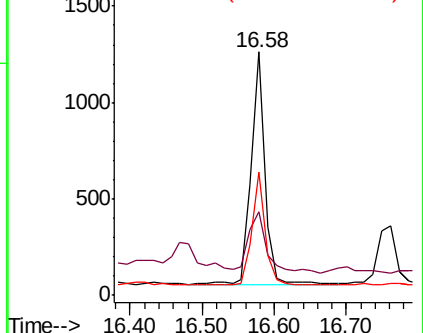
215 50.6 40.2 60.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.562 ng

RT: 16.76 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

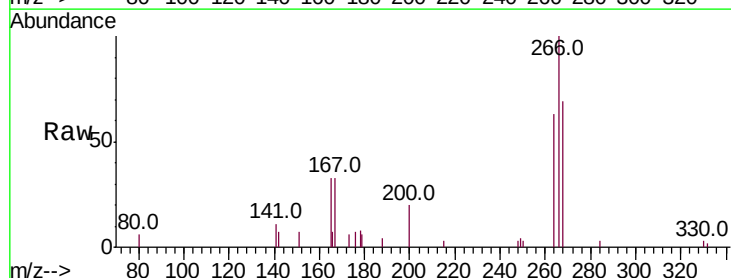
Tgt Ion:266 Resp: 2809

Ion Ratio Lower Upper

266 100

264 61.7 51.2 76.8

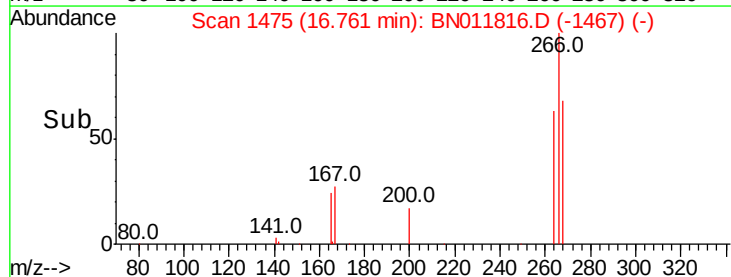
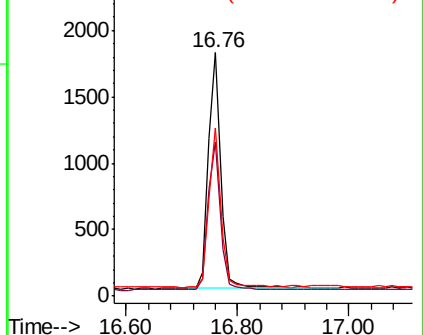
268 64.2 52.4 78.6

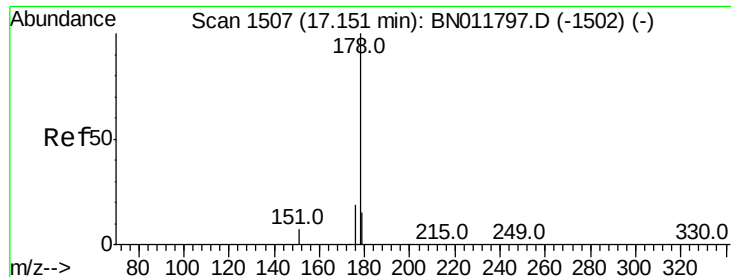


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.158 ng

RT: 17.15 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

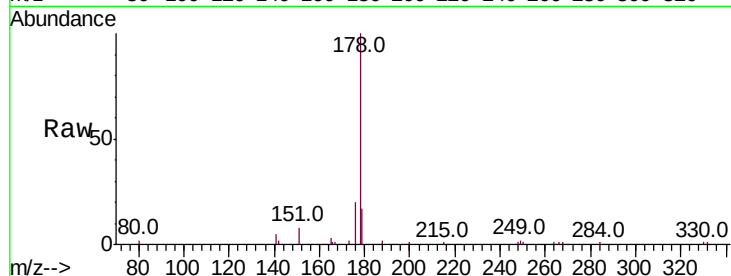
Tot Ion:178 Resp: 8214

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

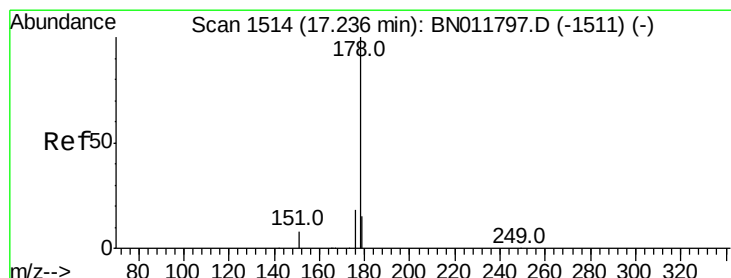
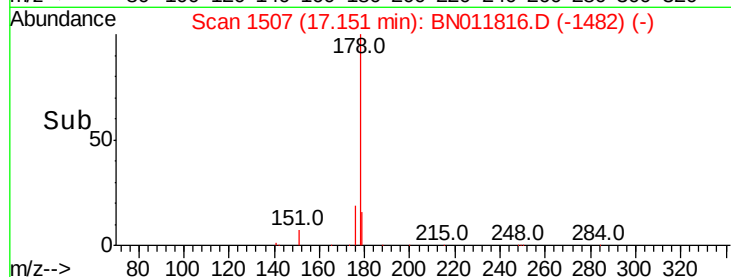
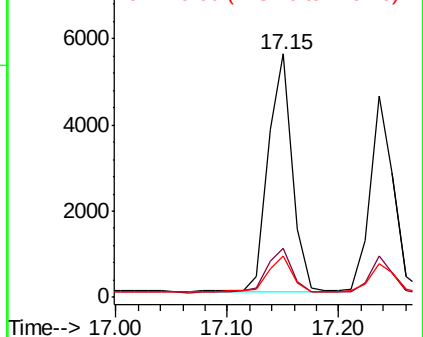
179 16.2 12.3 18.5



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



#26

Anthracene

Concen: 0.141 ng

RT: 17.24 min Scan# 1514

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

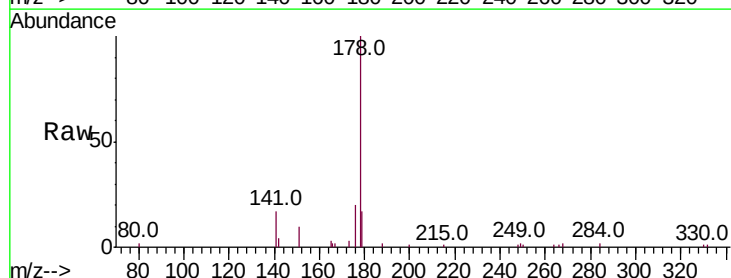
Tgt Ion:178 Resp: 6584

Ion Ratio Lower Upper

178 100

176 17.3 14.6 21.8

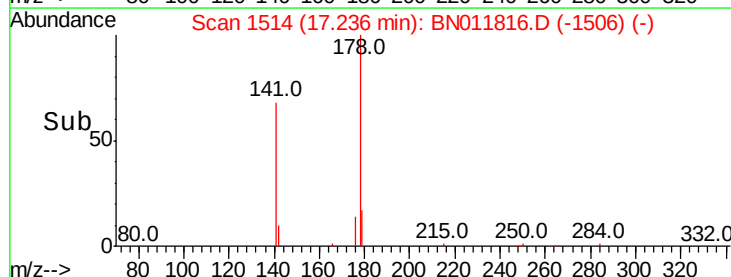
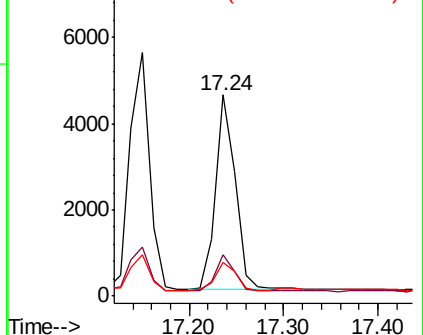
179 15.1 12.4 18.6

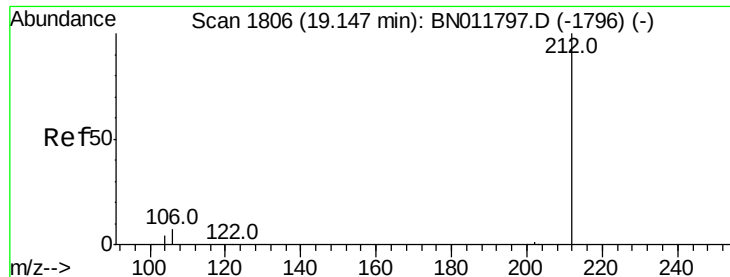


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

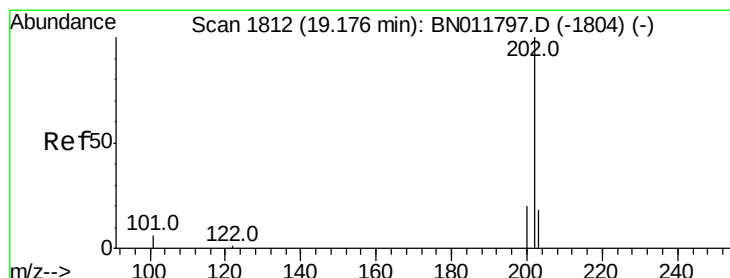
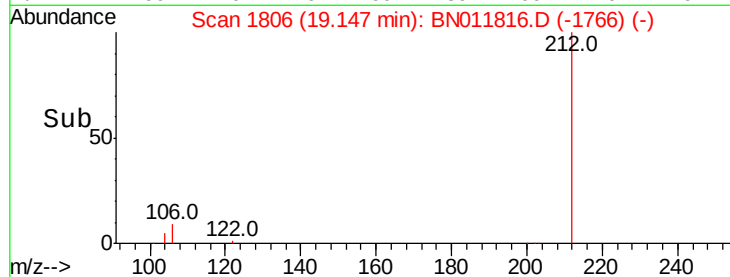
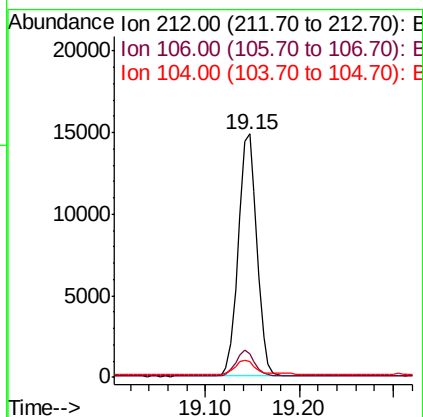
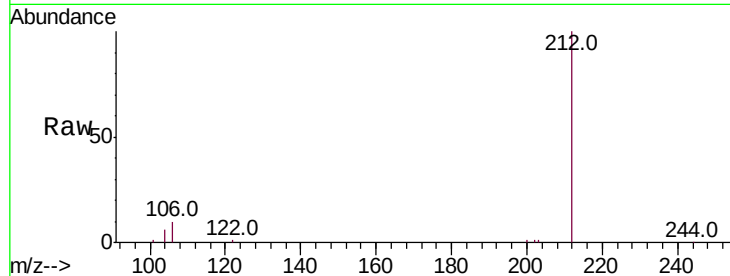




#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.15 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BN011816.D
Acq: 16 Sep 2020 16:47

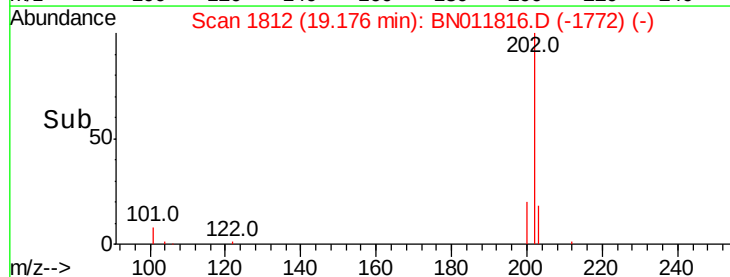
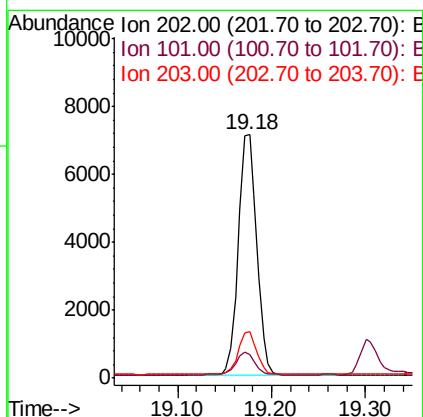
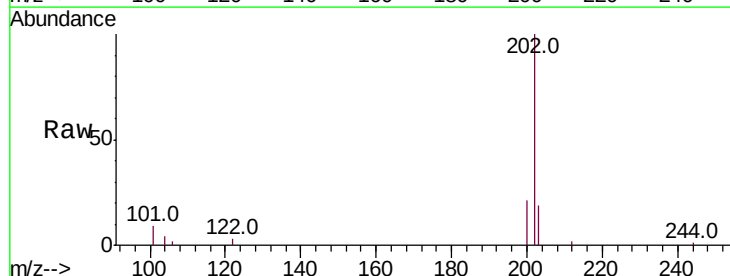
Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

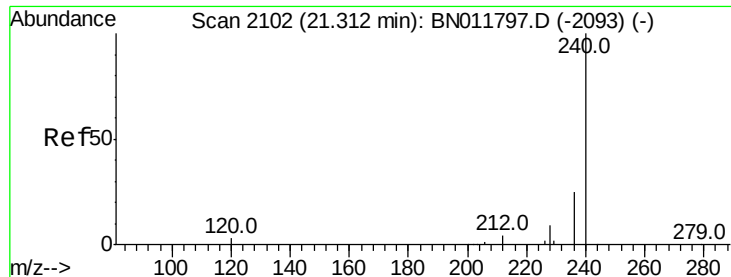
Tot Ion:212 Resp: 20270
Ion Ratio Lower Upper
212 100
106 10.2 6.4 9.6#
104 6.0 3.9 5.9#



#28
Fluoranthene
Concen: 0.149 ng
RT: 19.18 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BN011816.D
Acq: 16 Sep 2020 16:47

Tgt Ion:202 Resp: 9677
Ion Ratio Lower Upper
202 100
101 10.6 5.4 8.2#
203 17.8 13.8 20.6

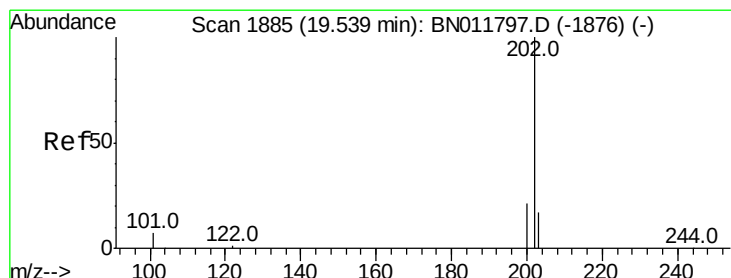
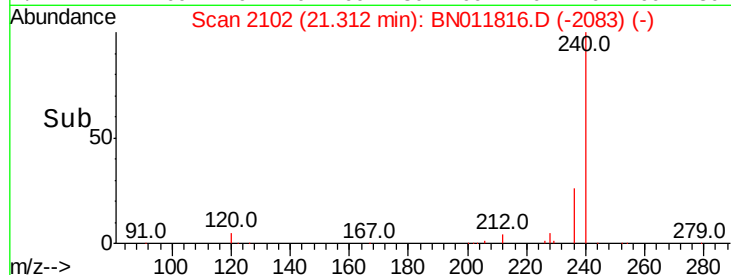
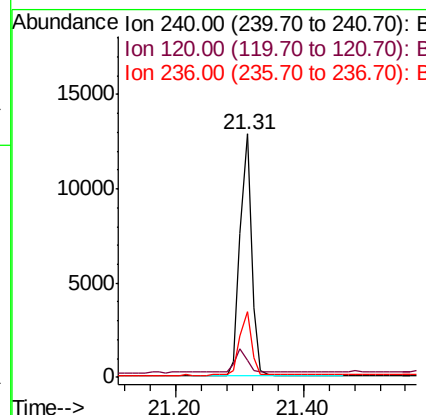
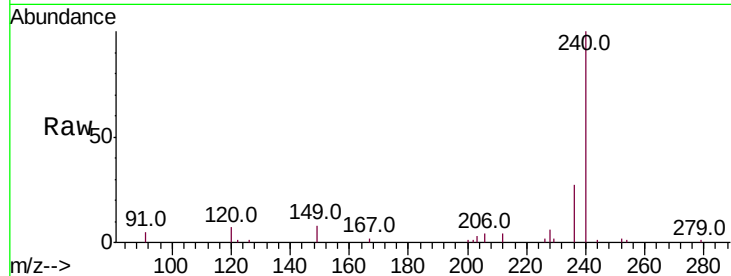




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BN011816.D
Acq: 16 Sep 2020 16:47

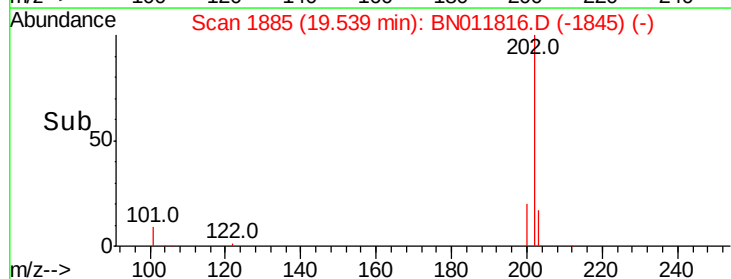
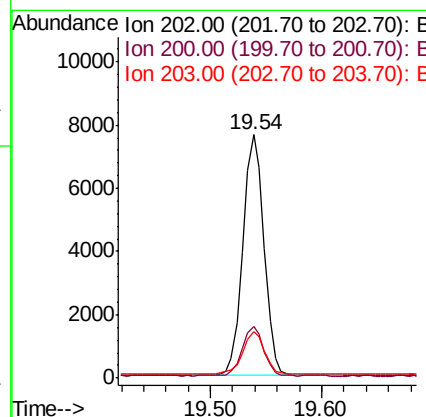
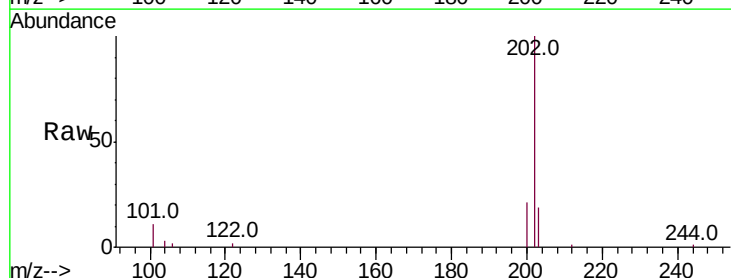
Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

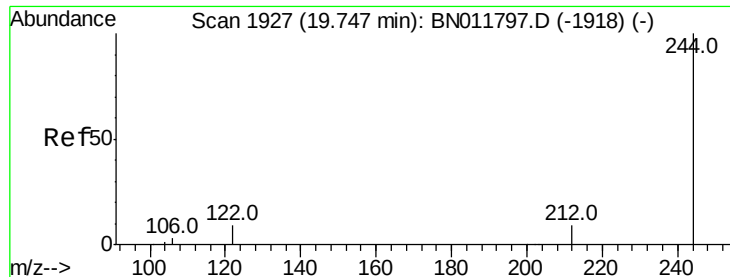
Tot Ion:240 Resp: 16161
Ion Ratio Lower Upper
240 100
120 6.9 3.5 5.3#
236 26.8 20.5 30.7



#30
Pyrene
Concen: 0.175 ng
RT: 19.54 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BN011816.D
Acq: 16 Sep 2020 16:47

Tgt Ion:202 Resp: 10037
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 18.1 13.9 20.9





#31

Terphenyl-d14

Concen: 0.341 ng

RT: 19.75 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

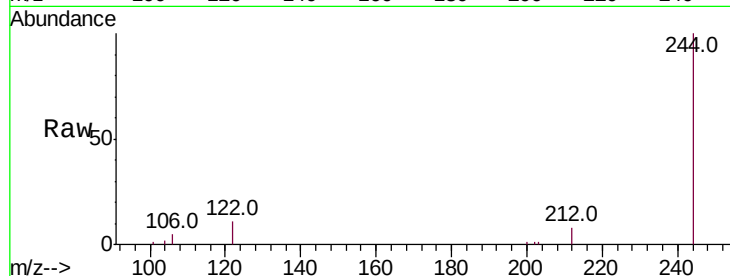
Tot Ion:244 Resp: 17037

Ion Ratio Lower Upper

244 100

212 8.2 7.3 10.9

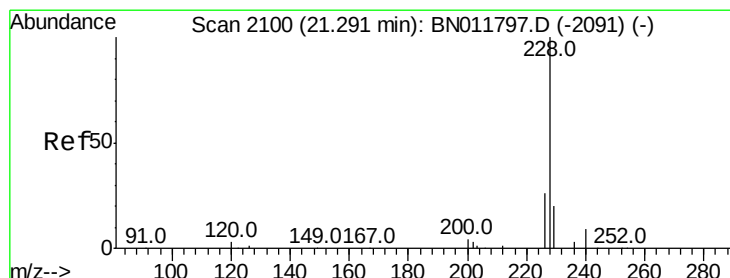
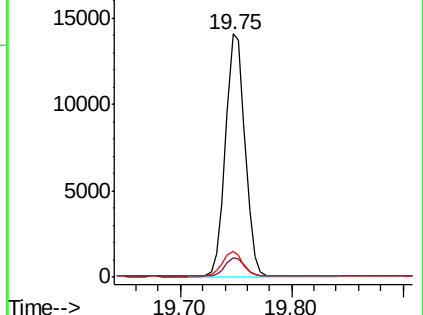
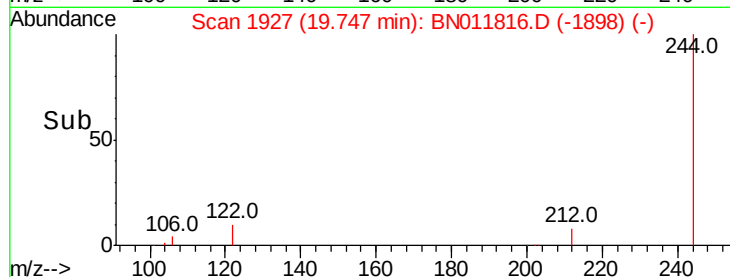
122 10.8 7.8 11.6



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



#32

Benzo(a)anthracene

Concen: 0.164 ng

RT: 21.29 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

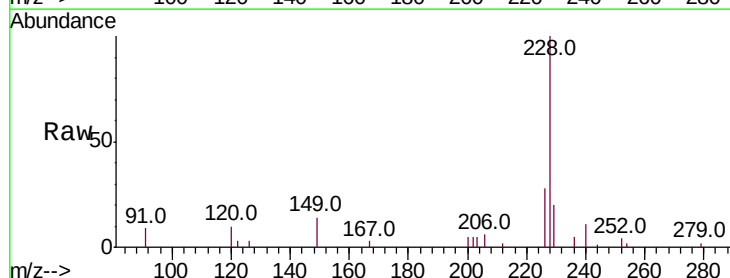
Tgt Ion:228 Resp: 9646

Ion Ratio Lower Upper

228 100

226 27.9 21.0 31.4

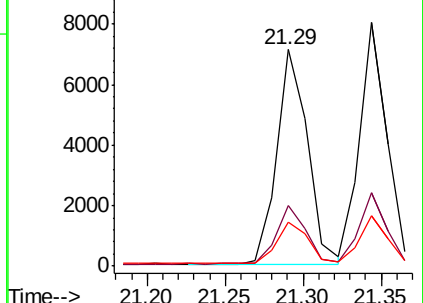
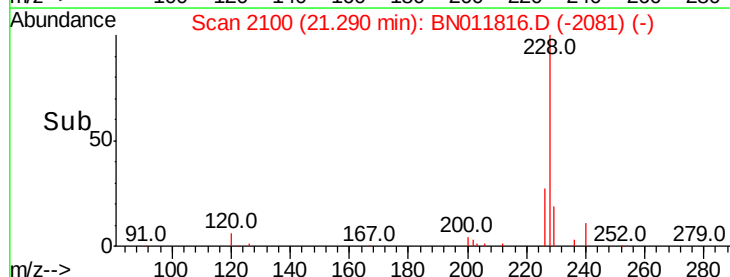
229 20.2 16.0 24.0

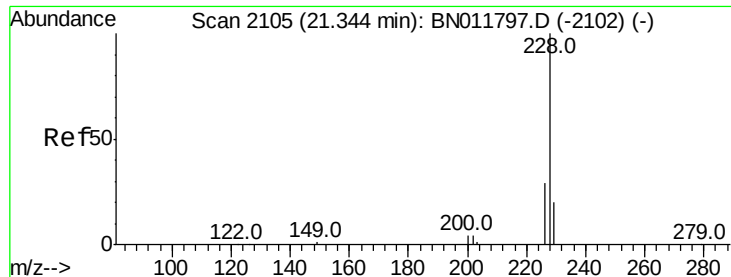


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.156 ng

RT: 21.34 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

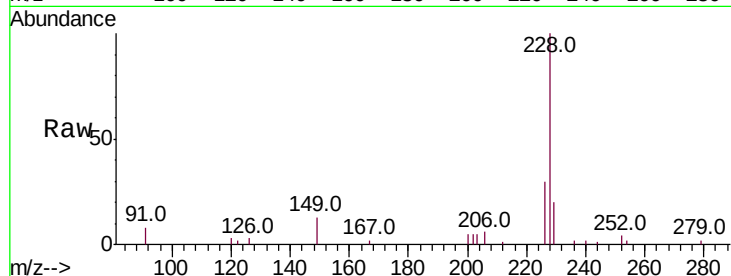
Tot Ion:228 Resp: 9611

Ion Ratio Lower Upper

228 100

226 30.1 23.3 34.9

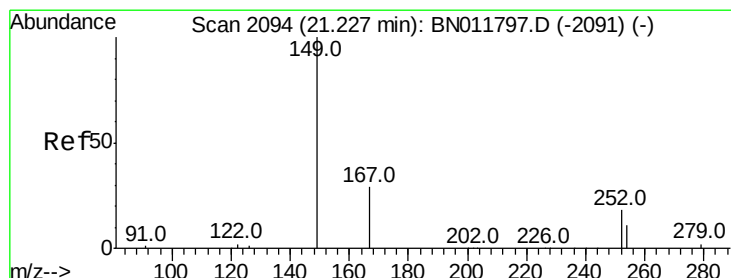
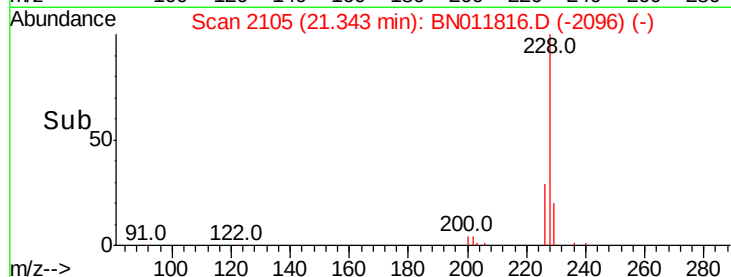
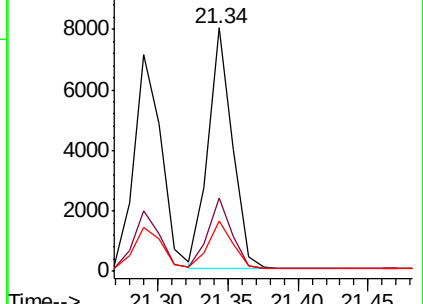
229 20.5 15.8 23.8



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.290 ng

RT: 21.24 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

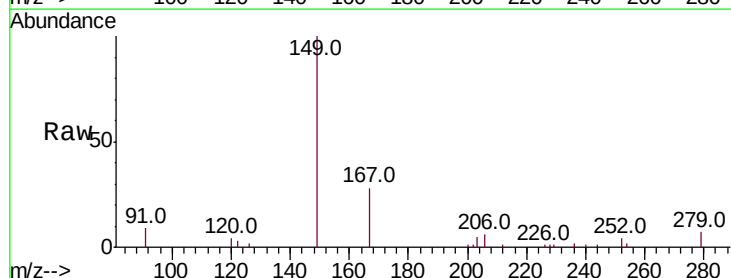
Tgt Ion:149 Resp: 7648

Ion Ratio Lower Upper

149 100

167 27.9 23.6 35.4

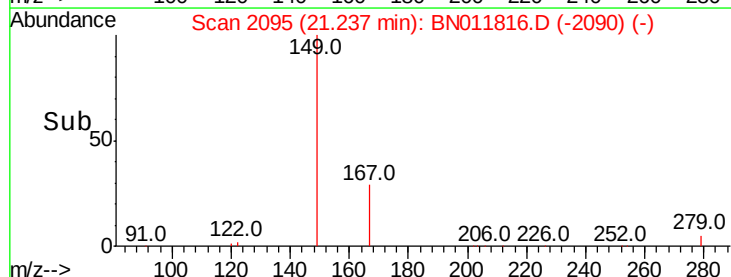
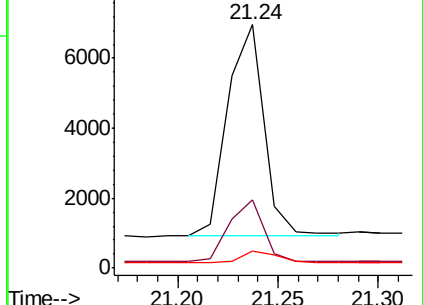
279 5.0 4.0 6.0

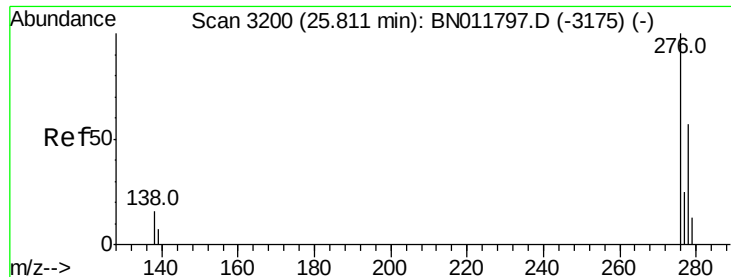


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

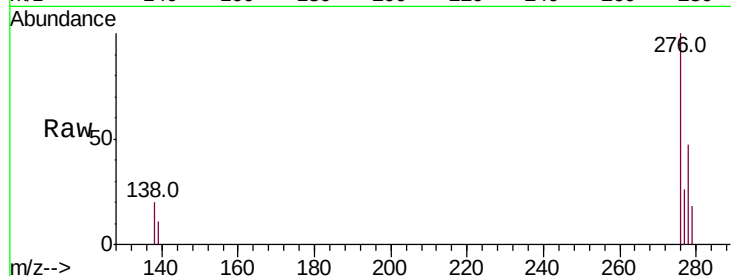




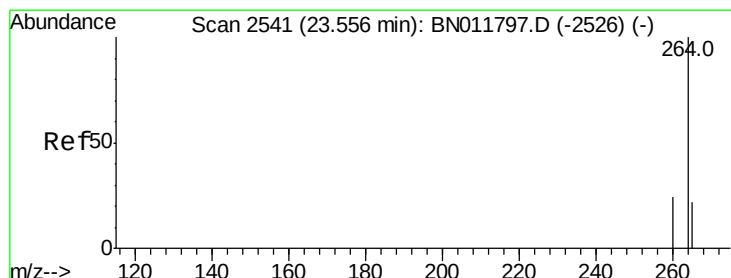
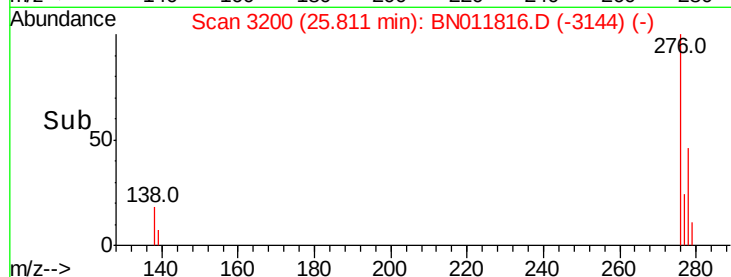
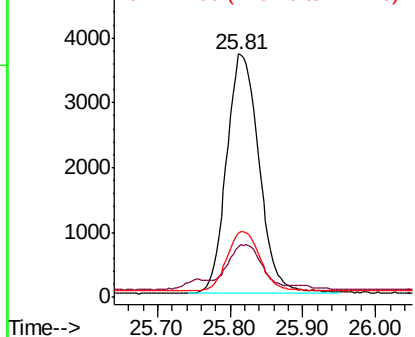
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.142 ng
 RT: 25.81 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BN011816.D
 Acq: 16 Sep 2020 16:47

Instrument :
 BNA_N
 ClientSampleId :
 FC-MW03SR1-20200910MSD

Tot Ion:276 Resp: 11498
 Ion Ratio Lower Upper
 276 100
 138 17.5 13.0 19.4
 277 25.2 20.0 30.0

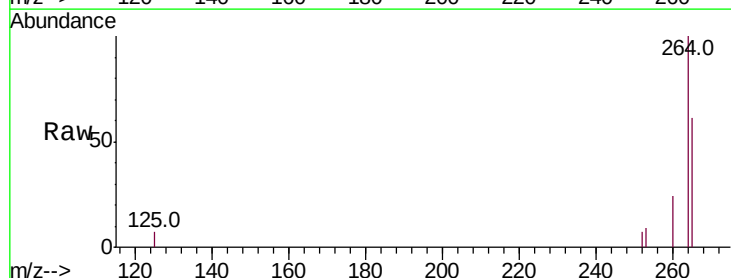


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

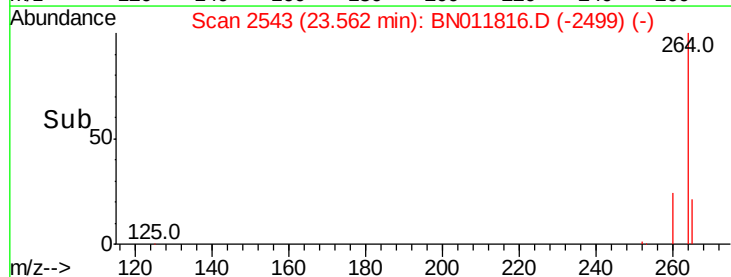
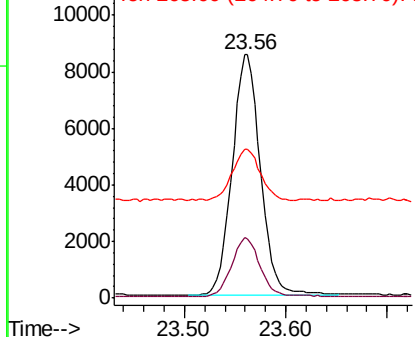


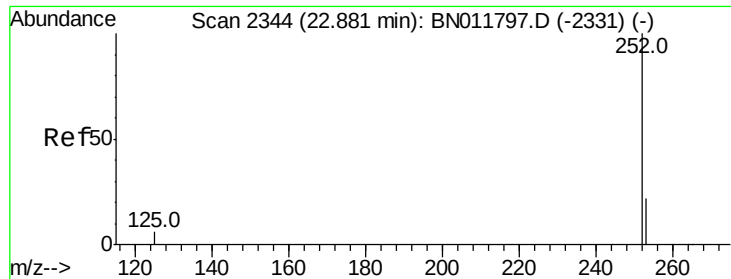
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.56 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BN011816.D
 Acq: 16 Sep 2020 16:47

Tgt Ion:264 Resp: 16551
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 61.2 38.6 58.0#



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

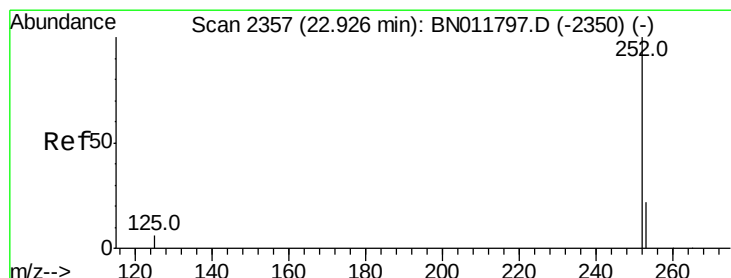
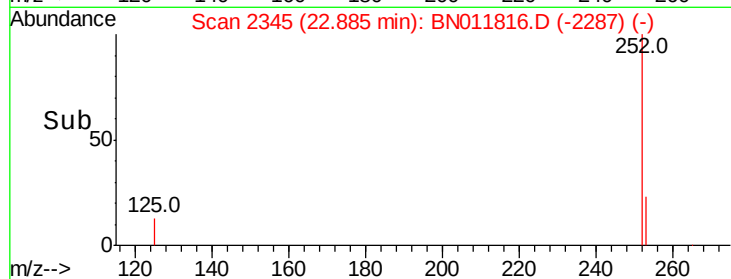
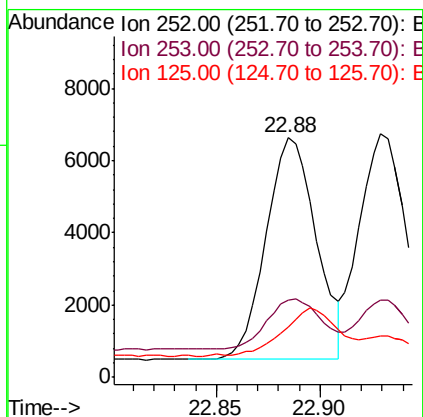
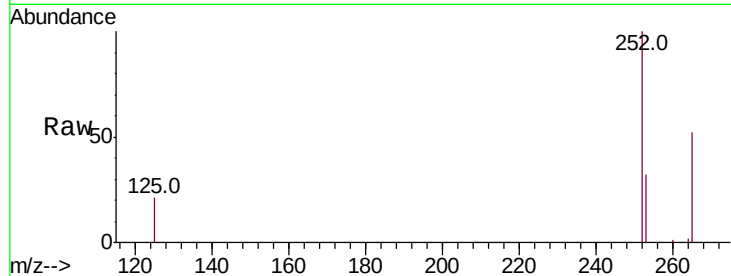




#37
Benzo(b)fluoranthene
Concen: 0.151 ng
RT: 22.88 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BN011816.D
Acq: 16 Sep 2020 16:47

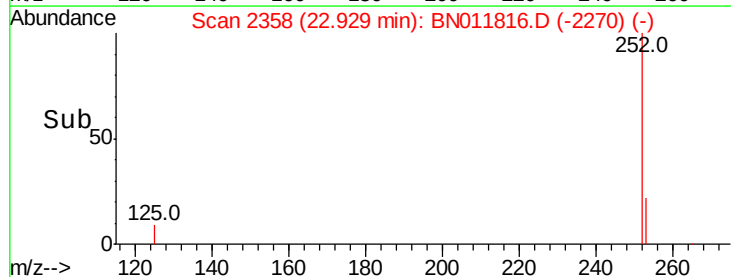
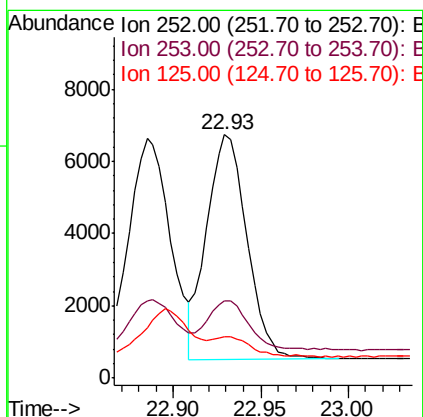
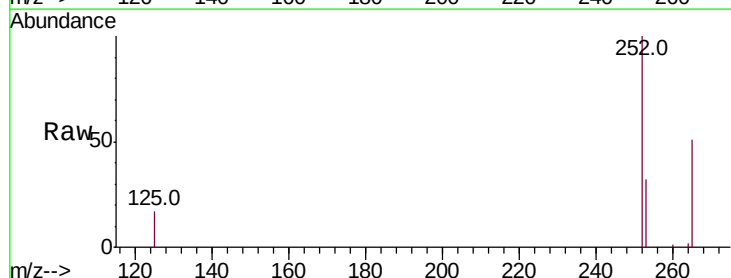
Instrument :
BNA_N
ClientSampleId :
FC-MW03SR1-20200910MSD

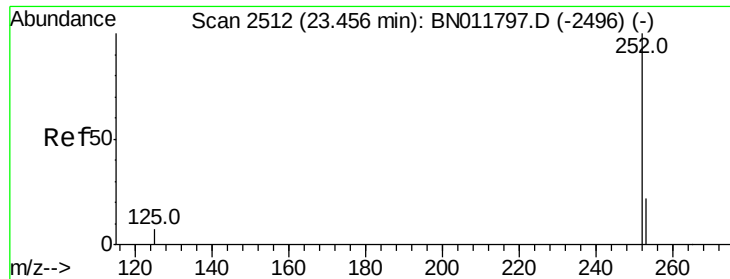
Tot Ion:252 Resp: 10311
Ion Ratio Lower Upper
252 100
253 32.5 19.1 28.7#
125 21.0 6.2 9.2#



#38
Benzo(k)fluoranthene
Concen: 0.146 ng
RT: 22.93 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BN011816.D
Acq: 16 Sep 2020 16:47

Tgt Ion:252 Resp: 9985
Ion Ratio Lower Upper
252 100
253 31.9 19.3 28.9#
125 17.0 6.0 9.0#





#39

Benzo(a)pyrene

Concen: 0.152 ng

RT: 23.46 min Scan# 2514

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

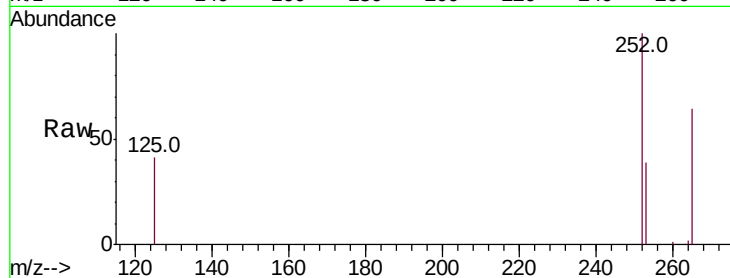
Tot Ion:252 Resp: 9102

Ion Ratio Lower Upper

252 100

253 38.5 19.8 29.6#

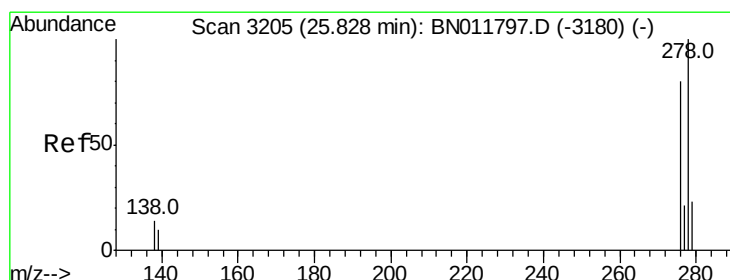
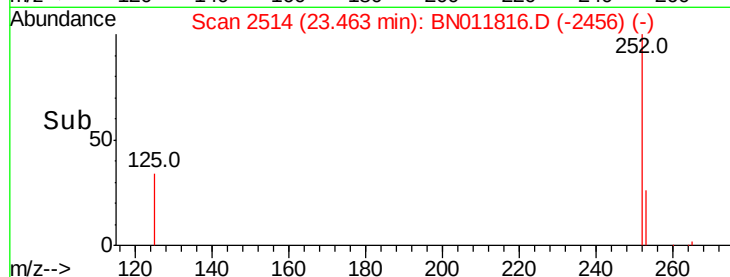
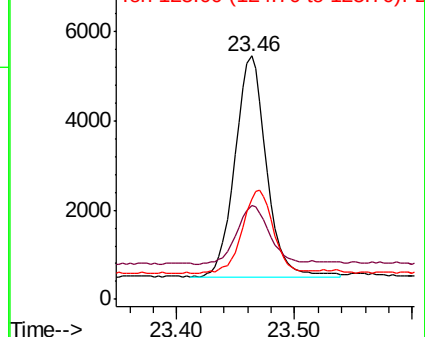
125 41.3 7.3 10.9#



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



#40

Dibenzo(a,h)anthracene

Concen: 0.138 ng

RT: 25.83 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

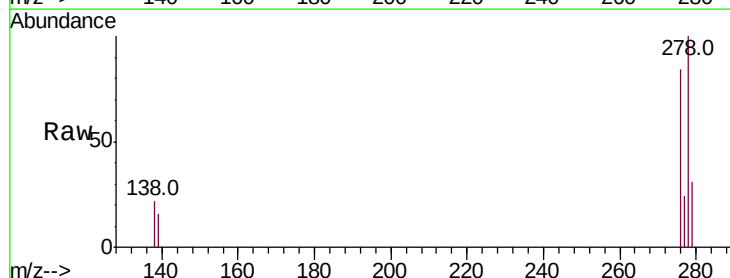
Tgt Ion:278 Resp: 9542

Ion Ratio Lower Upper

278 100

139 16.2 8.6 13.0#

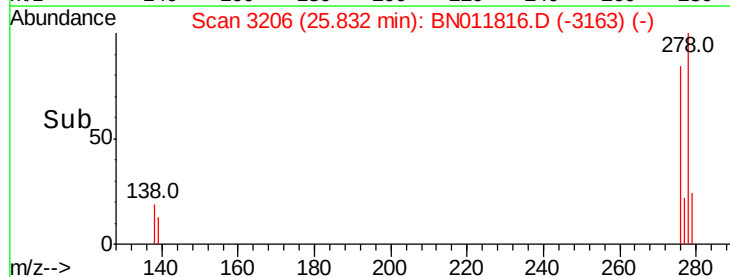
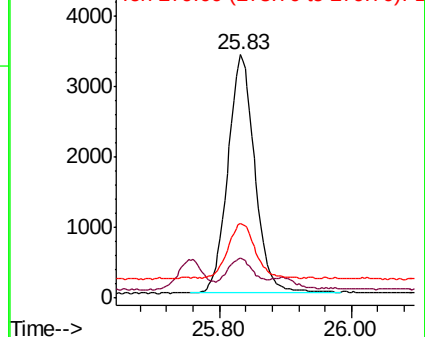
279 30.9 19.8 29.8#

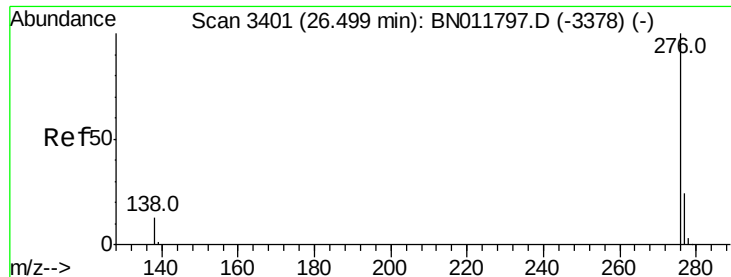


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.141 ng

RT: 26.50 min Scan# 3402

Delta R.T. -0.01 min

Lab File: BN011816.D

Acq: 16 Sep 2020 16:47

Instrument :

BNA_N

ClientSampleId :

FC-MW03SR1-20200910MSD

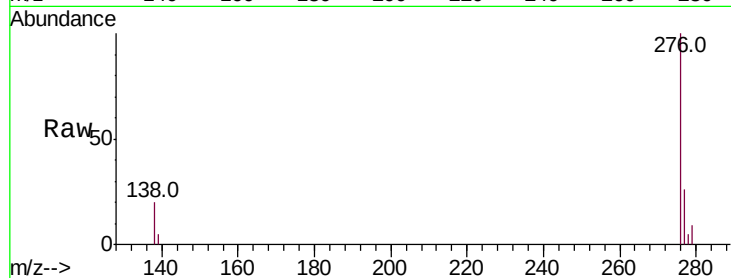
Tot Ion: 276 Resp: 9751

Ion Ratio Lower Upper

276 100

277 25.7 19.4 29.0

138 20.0 11.3 16.9#



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

