

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
 Data File : BN010482.D
 Acq On : 14 Apr 2020 17:18
 Operator : CG/JU
 Sample : PB128219BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128219BS

Quant Time: Apr 14 17:48:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4076	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	16103	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	10395	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	23594	0.40	ng	0.00
27) Chrysene-d12	21.17	240	20404	0.40	ng	-0.01
34) Perylene-d12	23.35	264	17630	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	3092	0.35	ng	0.00
5) Phenol-d6	6.79	99	3754	0.32	ng	0.00
8) Nitrobenzene-d5	8.73	82	3639	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	8174	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1363	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	12641	0.33	ng	0.00
25) Fluoranthene-d10	19.01	212	21116	0.30	ng	0.00
29) Terphenyl-d14	19.62	244	16451	0.35	ng	0.00

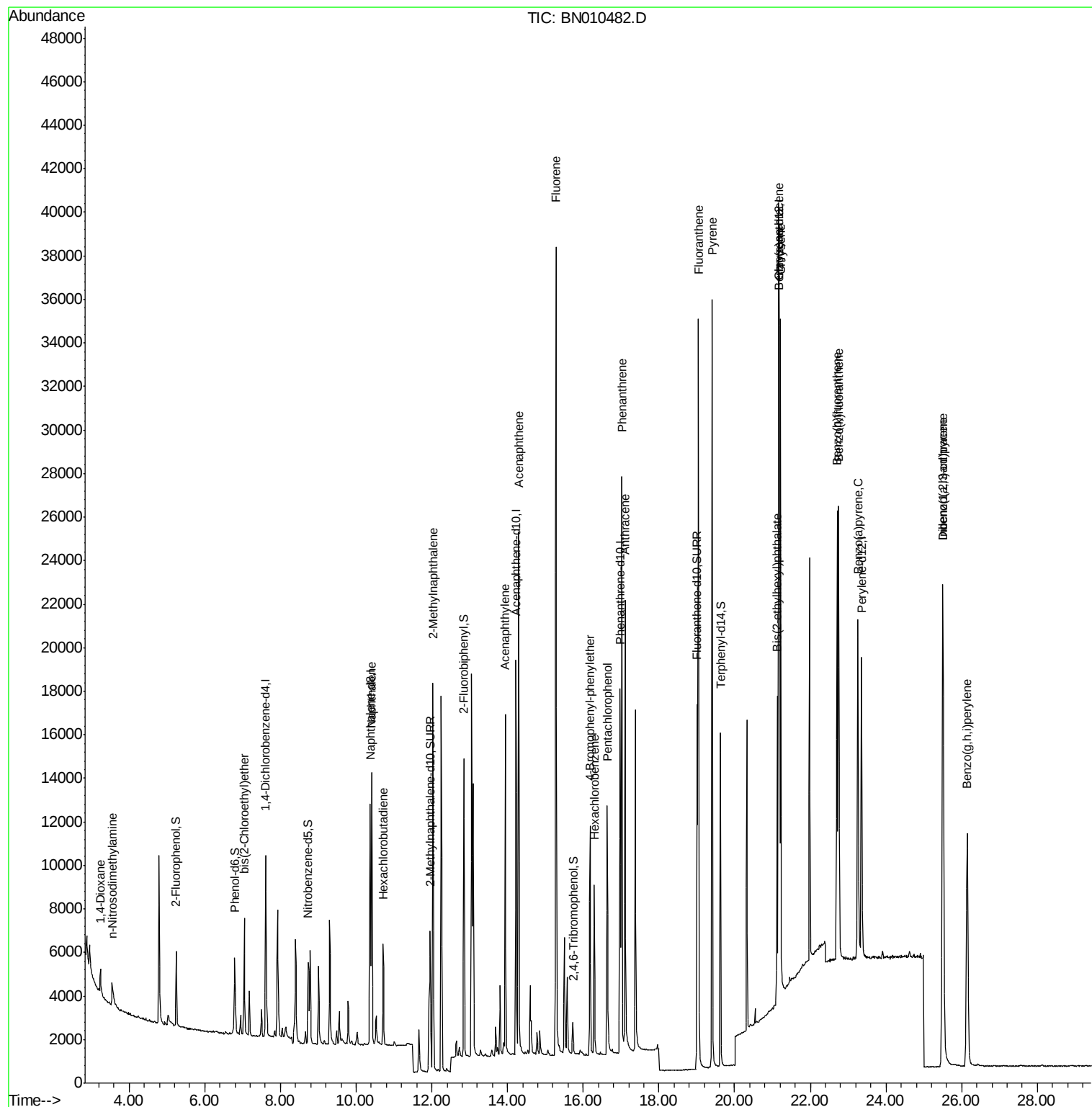
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	1057	0.352	ng	# 92
3) n-Nitrosodimethylamine	3.55	42	945	0.486	ng	# 96
6) bis(2-Chloroethyl)ether	7.04	93	4456	0.441	ng	99
9) Naphthalene	10.41	128	17715	0.443	ng	98
10) Hexachlorobutadiene	10.71	225	3977	0.413	ng	# 100
12) 2-Methylnaphthalene	12.03	142	12978	0.452	ng	97
16) Acenaphthylene	13.95	152	19397	0.432	ng	99
17) Acenaphthene	14.29	154	12380	0.429	ng	99
18) Fluorene	15.28	166	16584	0.439	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	5434	0.415	ng	93
21) Hexachlorobenzene	16.29	284	6446	0.431	ng	99
22) Pentachlorophenol	16.63	266	6258	1.063	ng	98
23) Phenanthrene	17.02	178	27440	0.431	ng	99
24) Anthracene	17.10	178	24876	0.427	ng	100
26) Fluoranthene	19.04	202	32995	0.416	ng	99
28) Pyrene	19.41	202	33026	0.481	ng	99
30) Benzo(a)anthracene	21.16	228	27252	0.409	ng	99
31) Chrysene	21.22	228	29353	0.443	ng	99
32) Bis(2-ethylhexyl)phthalate	21.12	149	12795	0.375	ng	100
33) Indeno(1,2,3-cd)pyrene	25.50	276	27106	0.462	ng	99
35) Benzo(b)fluoranthene	22.71	252	25669	0.442	ng	99
36) Benzo(k)fluoranthene	22.75	252	26582	0.457	ng	100
37) Benzo(a)pyrene	23.26	252	23563	0.459	ng	99
38) Dibenzo(a,h)anthracene	25.51	278	21909	0.466	ng	99
39) Benzo(g,h,i)perylene	26.15	276	23150	0.490	ng	99

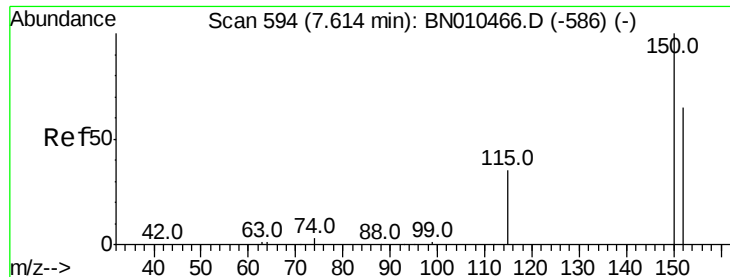
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 593

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

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PB128219BS

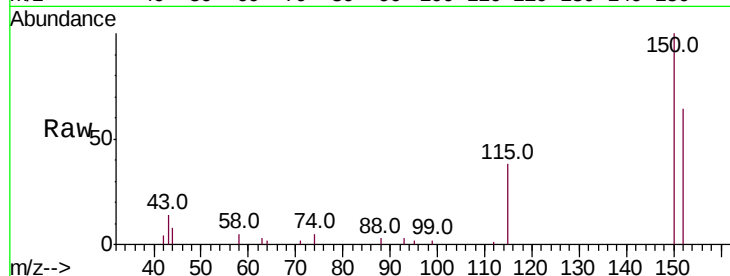
Tot Ion:152 Resp: 4076

Ion Ratio Lower Upper

152 100

150 155.9 121.8 182.6

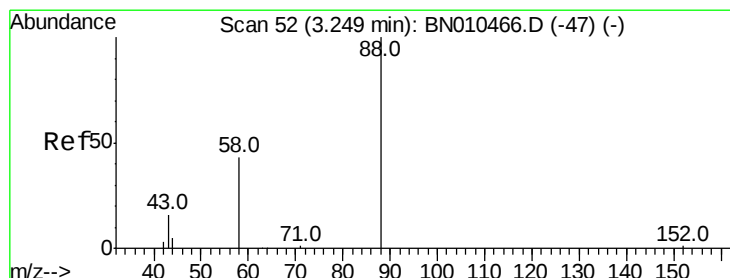
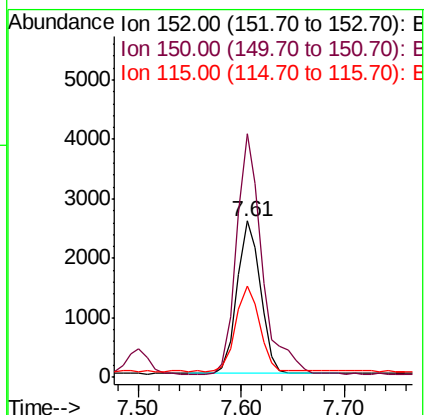
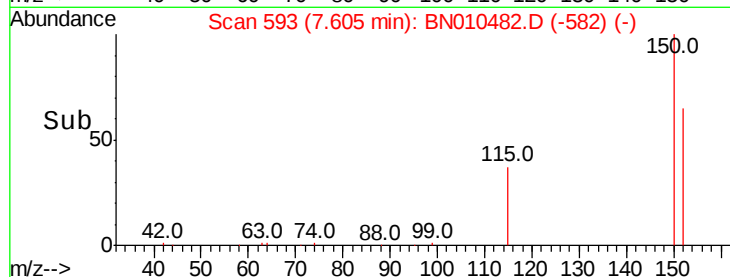
115 58.8 45.5 68.3



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: 0.352 ng

RT: 3.24 min Scan# 51

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

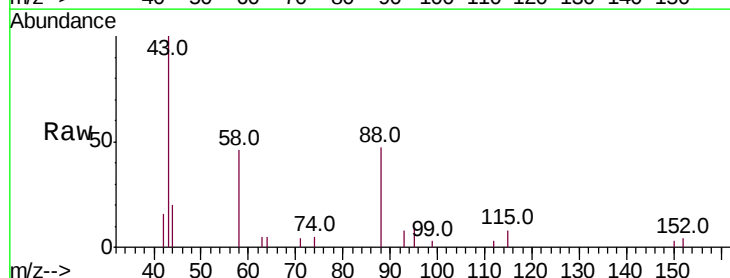
Tgt Ion: 88 Resp: 1057

Ion Ratio Lower Upper

88 100

58 42.6 36.5 54.7

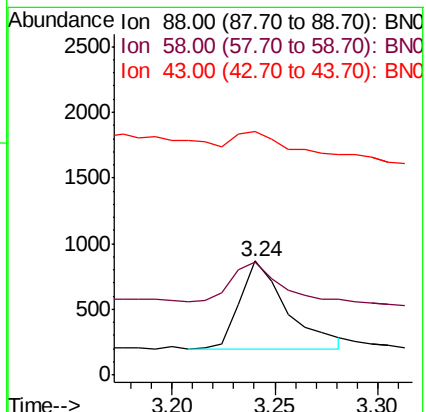
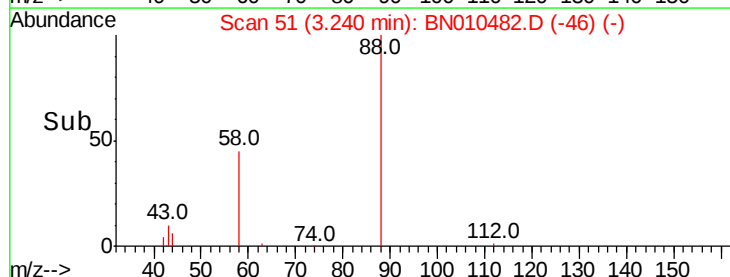
43 24.4 13.2 19.8#

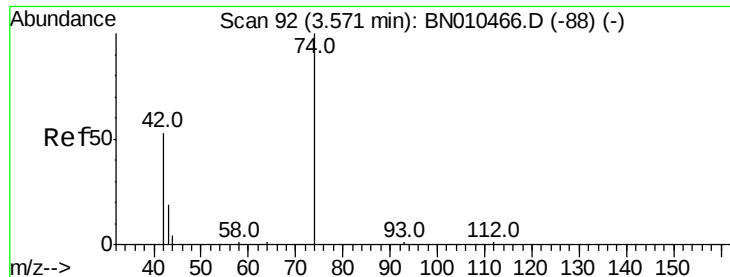


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.486 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

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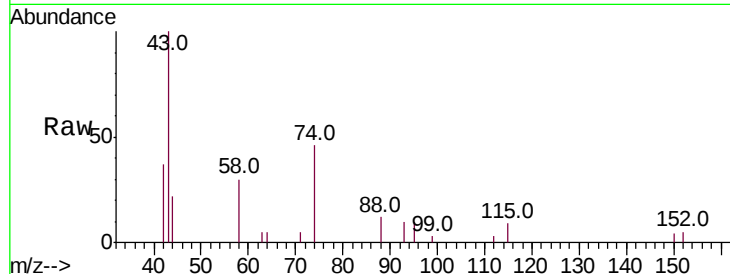
Tot Ion: 42 Resp: 945

Ion Ratio Lower Upper

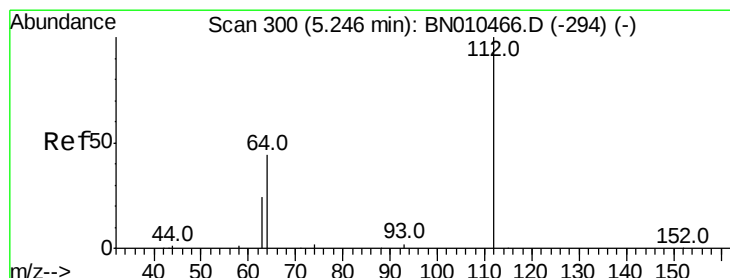
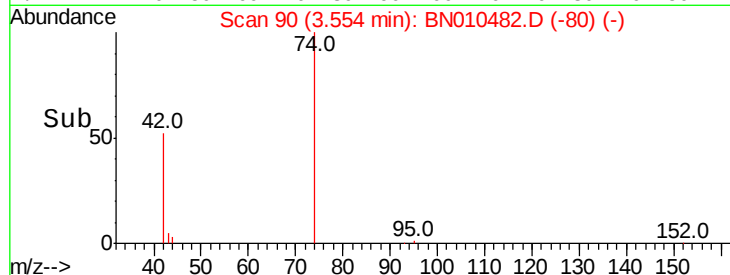
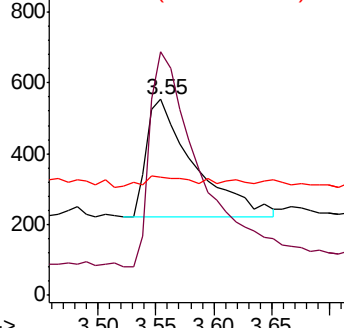
42 100

74 197.2 162.2 243.4

44 7.3 2.4 3.6#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.346 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

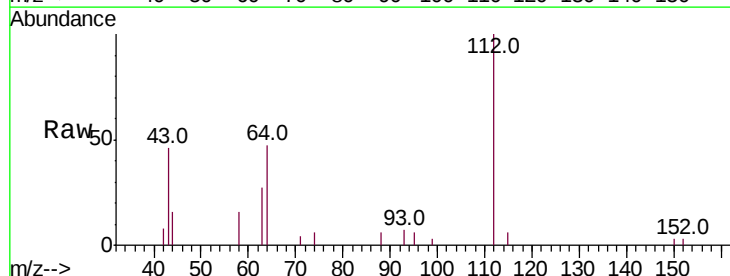
Tgt Ion: 112 Resp: 3092

Ion Ratio Lower Upper

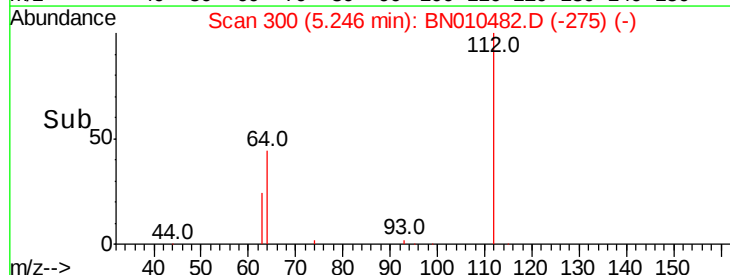
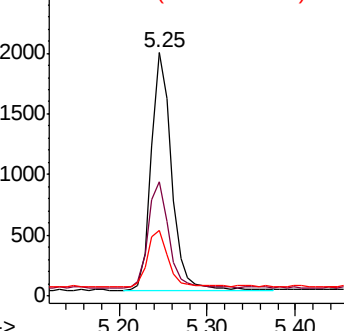
112 100

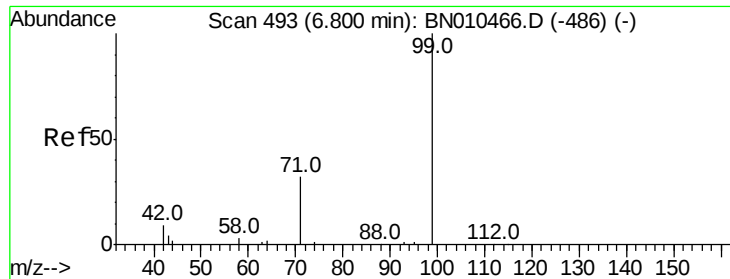
64 44.9 35.8 53.8

63 23.4 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.322 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

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PB128219BS

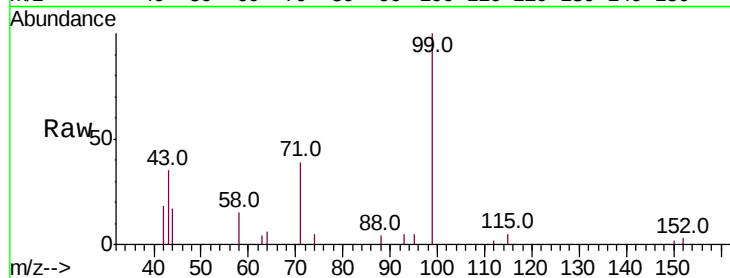
Tot Ion: 99 Resp: 3754

Ion Ratio Lower Upper

99 100

42 13.0 9.8 14.6

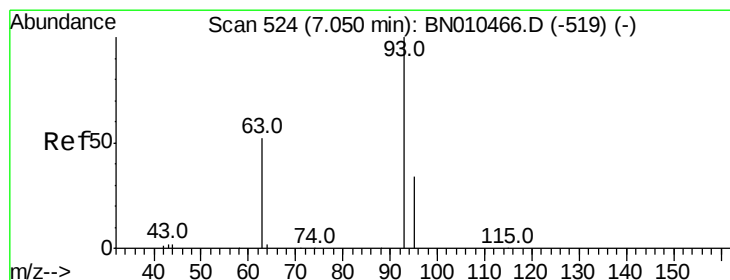
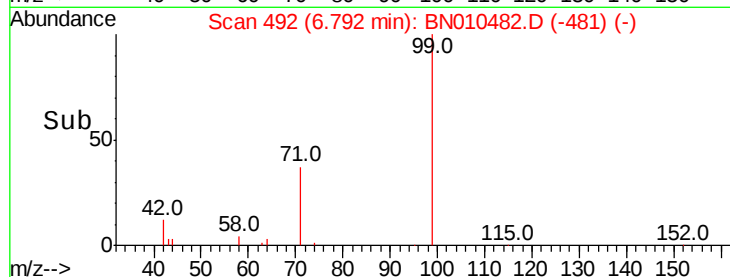
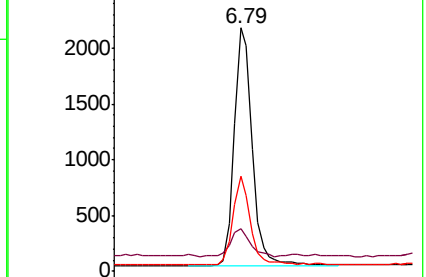
71 34.9 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.441 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

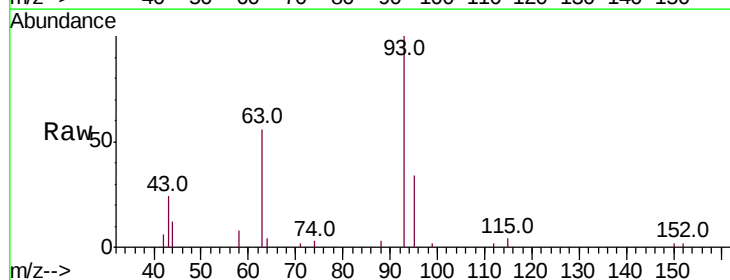
Tgt Ion: 93 Resp: 4456

Ion Ratio Lower Upper

93 100

63 57.0 44.6 66.8

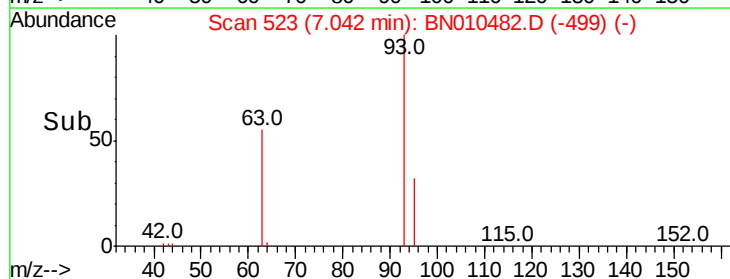
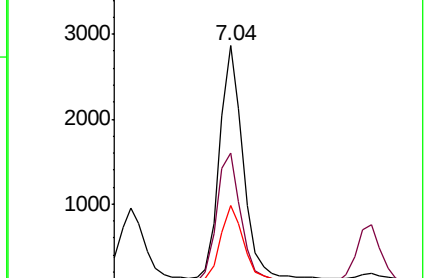
95 32.8 26.5 39.7

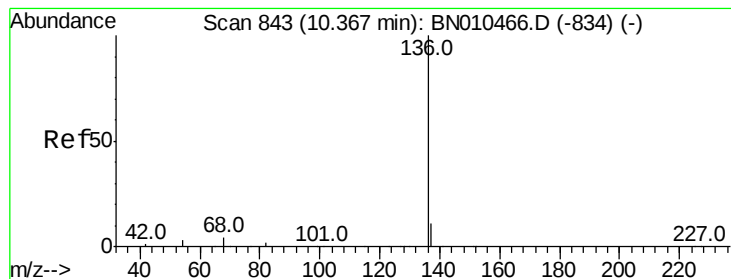


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010466.D (-519) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Instrument :

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ClientSampleId :

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Tot Ion:136 Resp: 16103

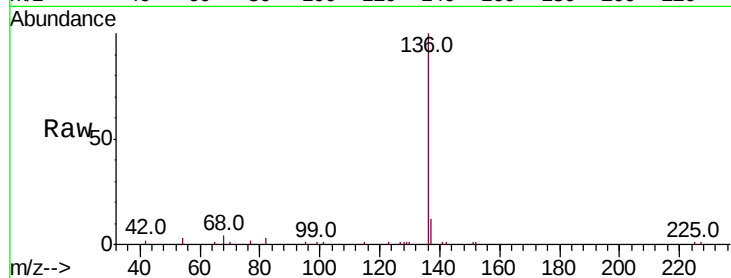
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 3.1 2.6 4.0

68 3.9 3.4 5.2

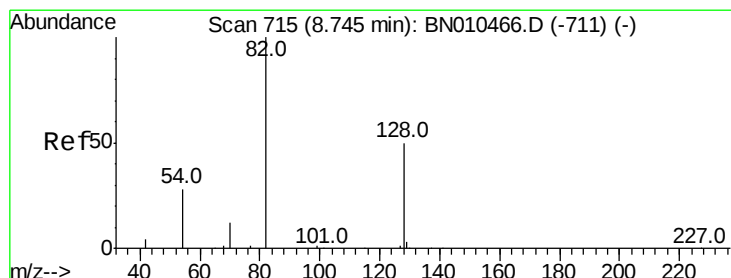
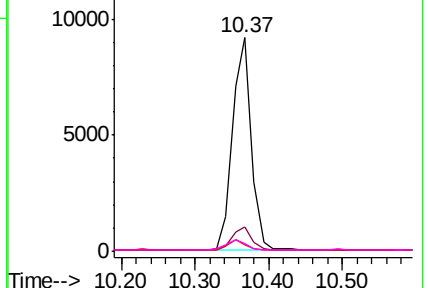
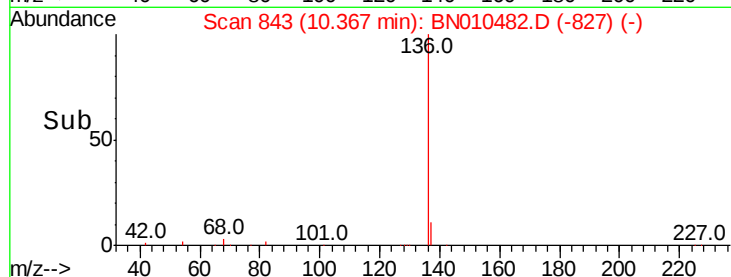


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.323 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

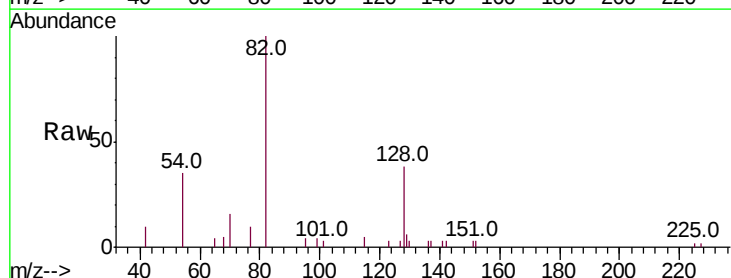
Tgt Ion: 82 Resp: 3639

Ion Ratio Lower Upper

82 100

128 38.3 41.3 61.9#

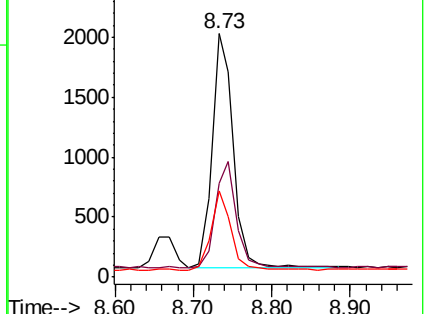
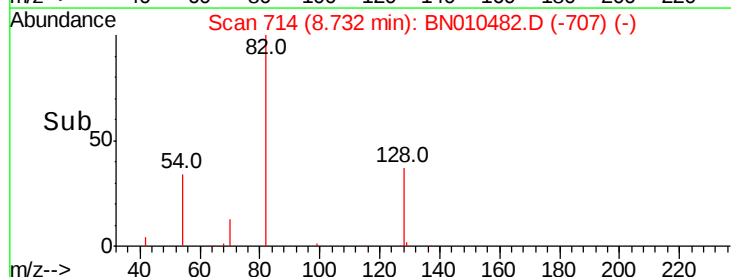
54 35.3 23.4 35.0#

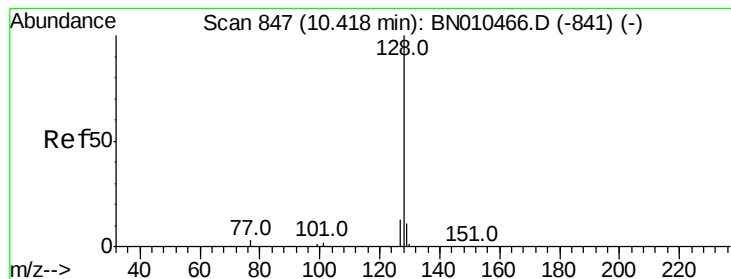


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.443 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

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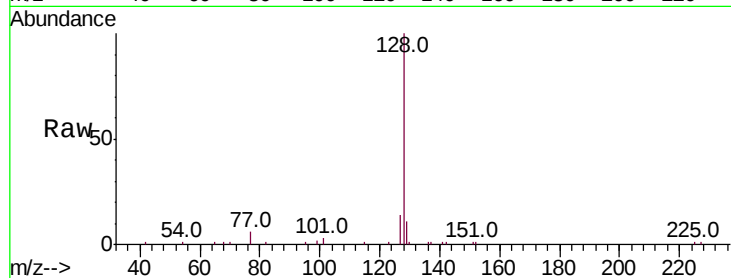
Tot Ion:128 Resp: 17715

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

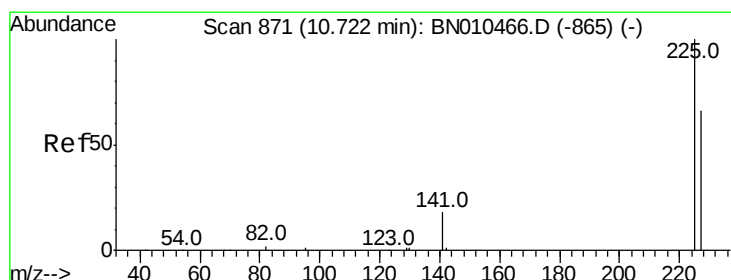
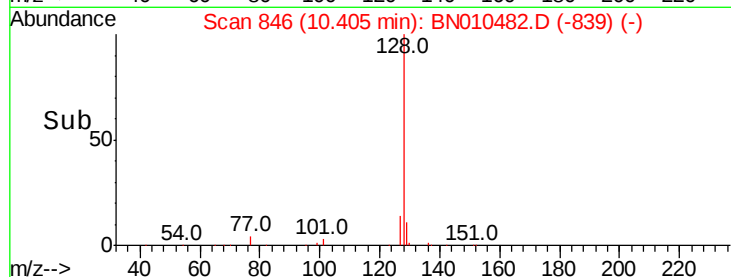
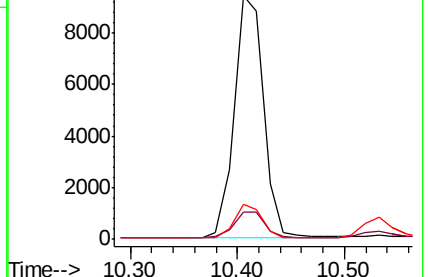
127 14.2 10.5 15.7



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: 0.413 ng

RT: 10.71 min Scan# 870

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

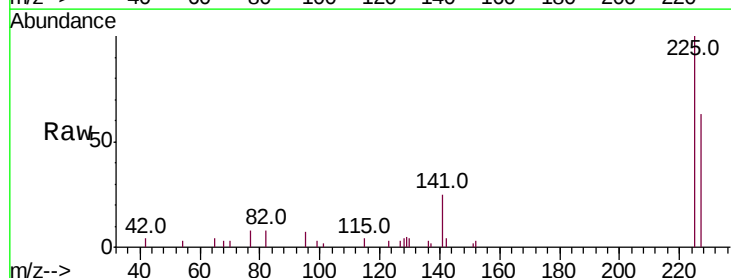
Tgt Ion:225 Resp: 3977

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

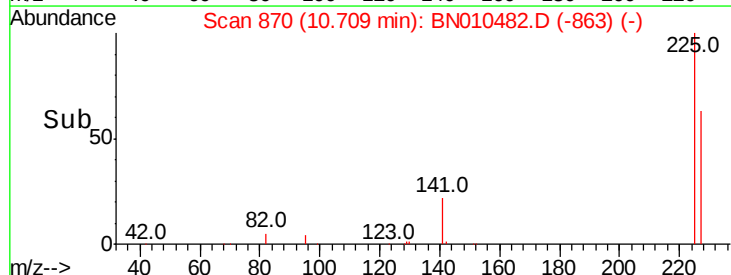
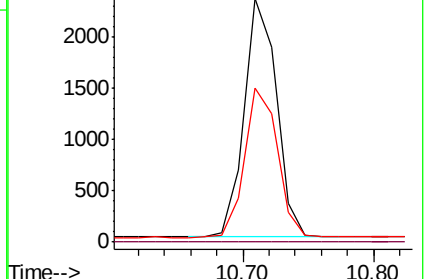
227 63.5 50.6 76.0

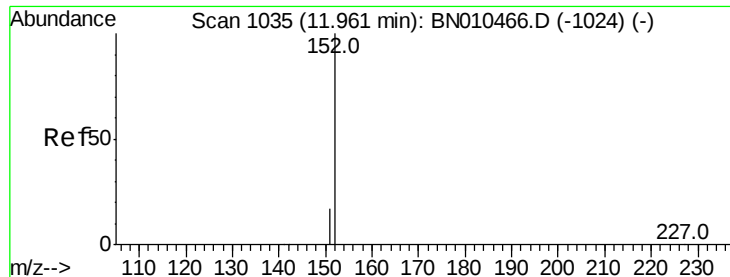


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

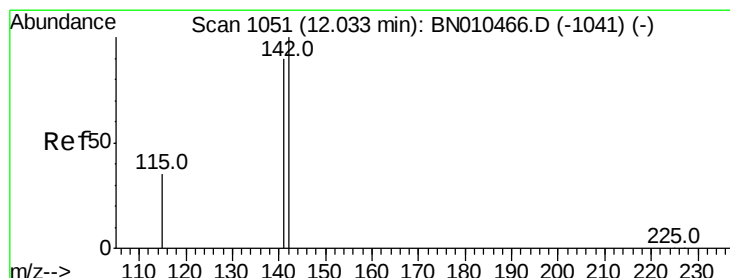
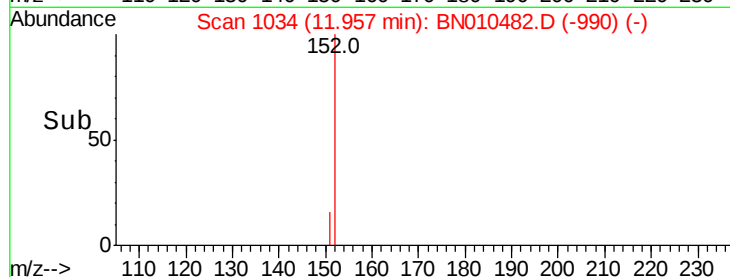
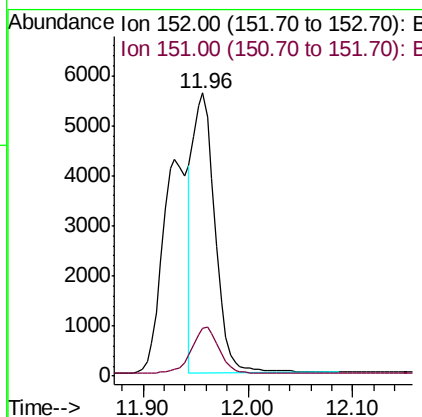
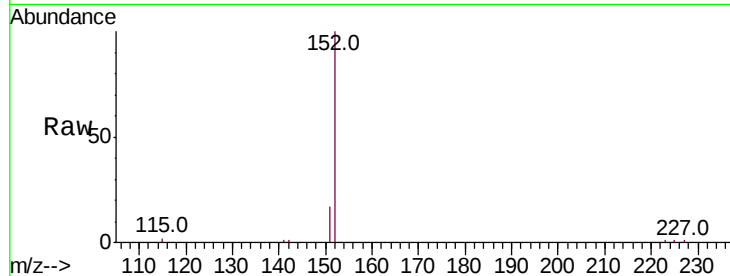




#11
 2-Methylnaphthalene-d10
 Concen: 0.309 ng
 RT: 11.96 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BN010482.D
 Acq: 14 Apr 2020 17:18

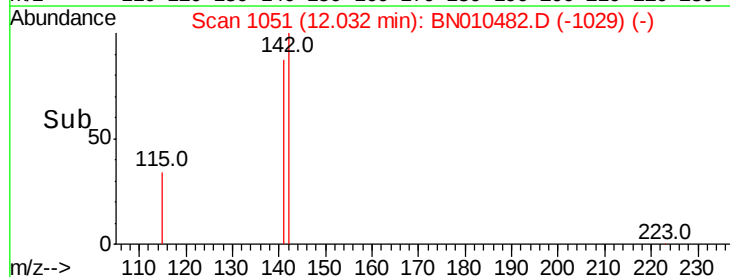
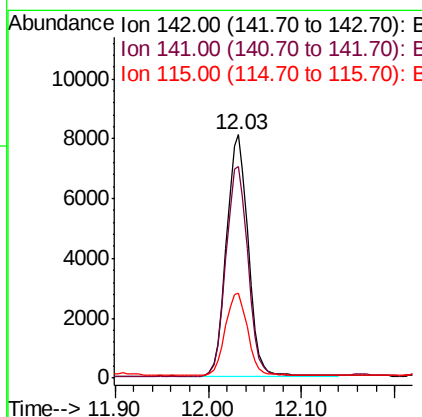
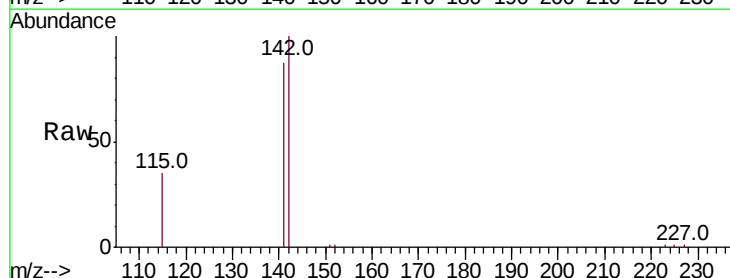
Instrument :
 BNA_N
 ClientSampleId :
 PB128219BS

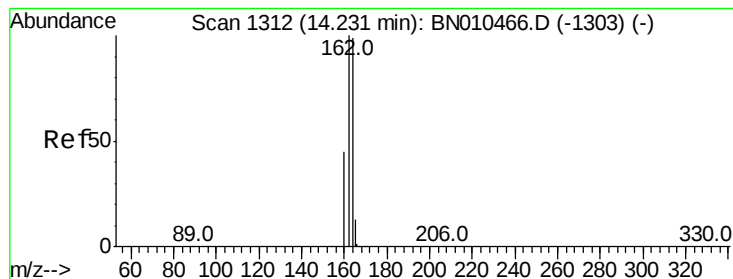
Tot Ion:152 Resp: 8174
 Ion Ratio Lower Upper
 152 100
 151 20.9 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.452 ng
 RT: 12.03 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BN010482.D
 Acq: 14 Apr 2020 17:18

Tgt Ion:142 Resp: 12978
 Ion Ratio Lower Upper
 142 100
 141 87.0 71.9 107.9
 115 34.7 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Instrument :

BNA_N

ClientSampleId :

PB128219BS

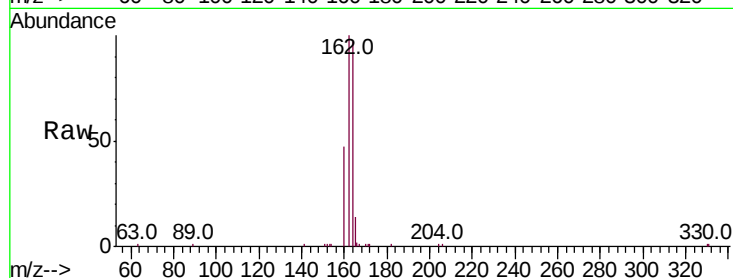
Tot Ion:164 Resp: 10395

Ion Ratio Lower Upper

164 100

162 103.1 80.6 121.0

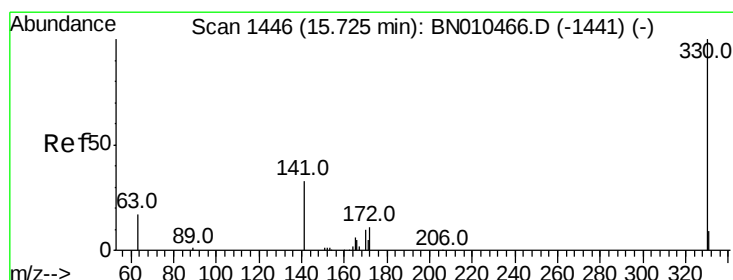
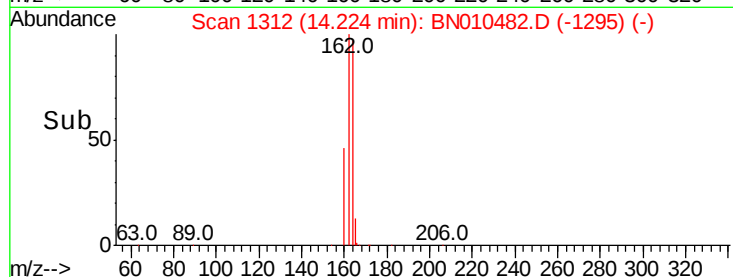
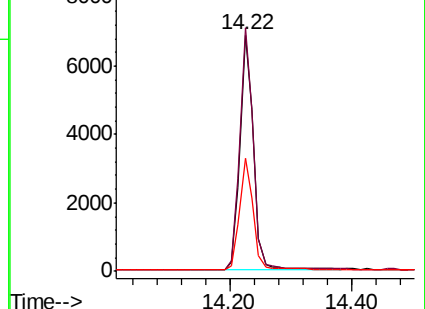
160 48.1 36.5 54.7



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: 0.278 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

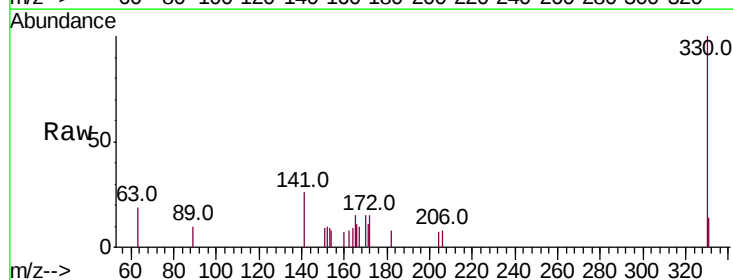
Tgt Ion:330 Resp: 1363

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

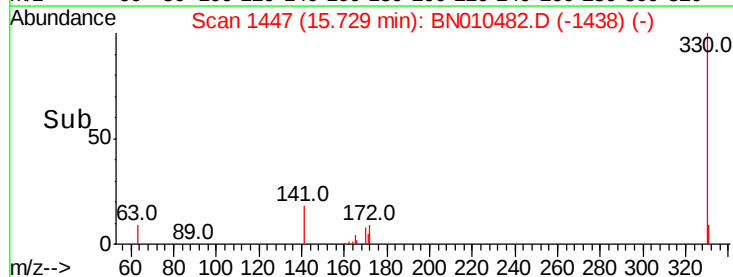
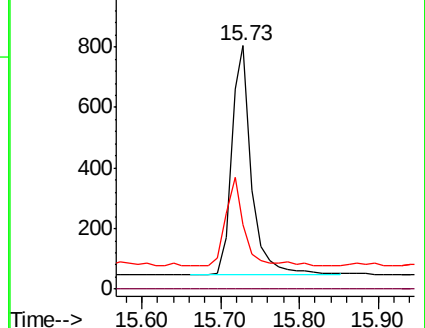
141 36.6 28.1 42.1

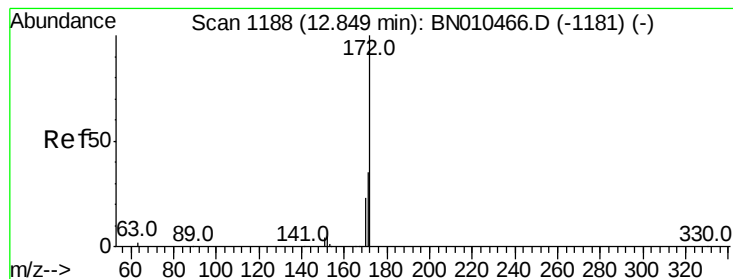


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.334 ng

RT: 12.84 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Instrument :

BNA_N

ClientSampleId :

PB128219BS

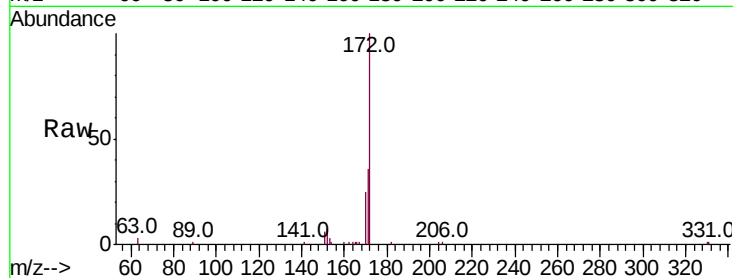
Tot Ion:172 Resp: 12641

Ion Ratio Lower Upper

172 100

171 36.3 28.2 42.2

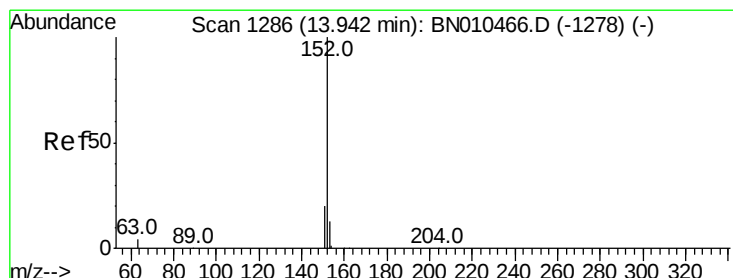
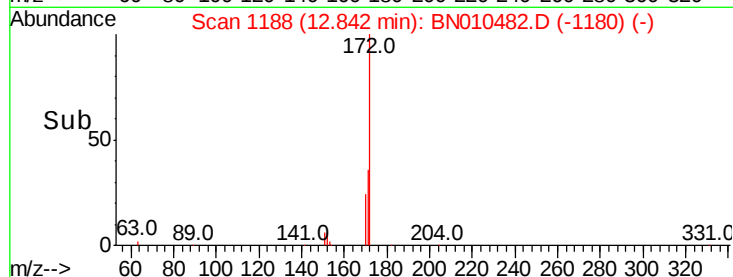
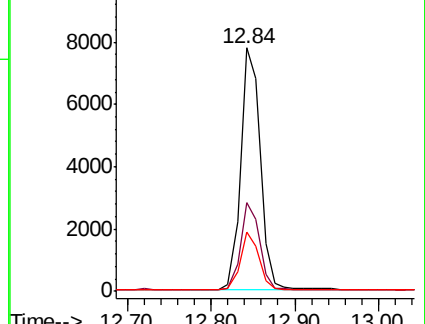
170 24.5 18.4 27.6



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: 0.432 ng

RT: 13.95 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

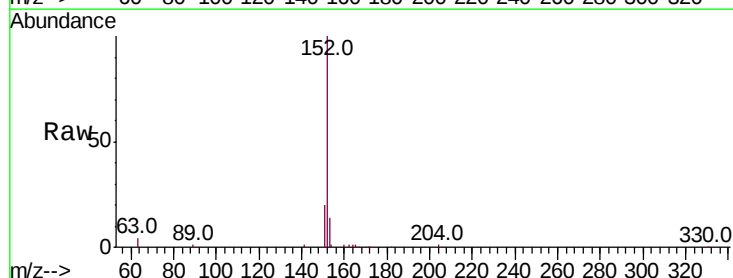
Tgt Ion:152 Resp: 19397

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

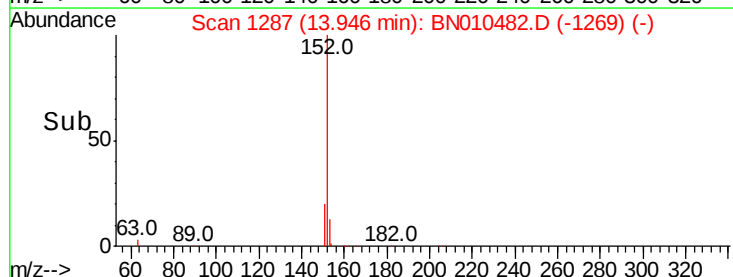
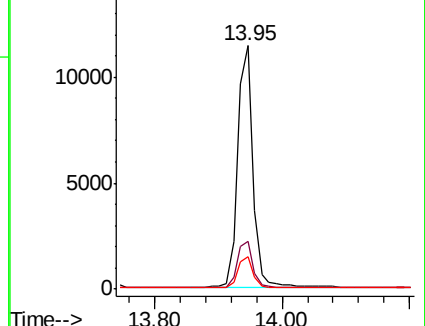
153 12.9 10.6 15.8

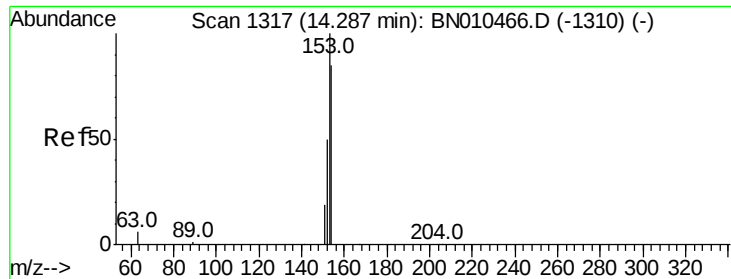


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.429 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Instrument :

BNA_N

ClientSampleId :

PB128219BS

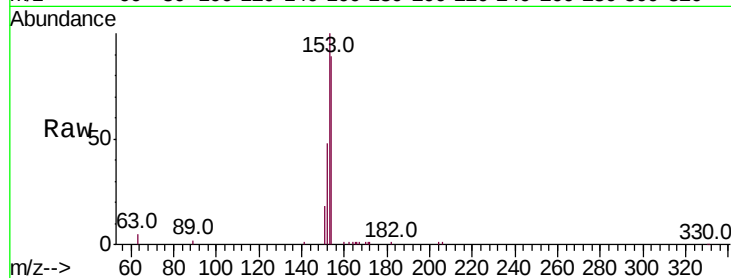
Tot Ion:154 Resp: 12380

Ion Ratio Lower Upper

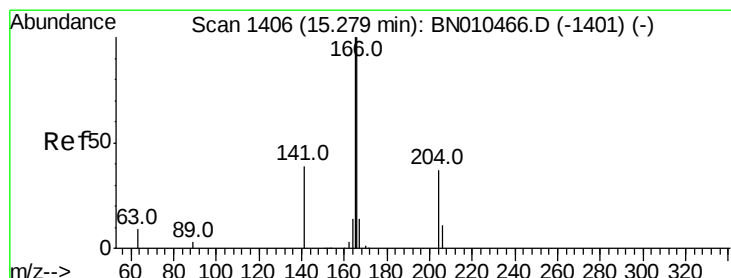
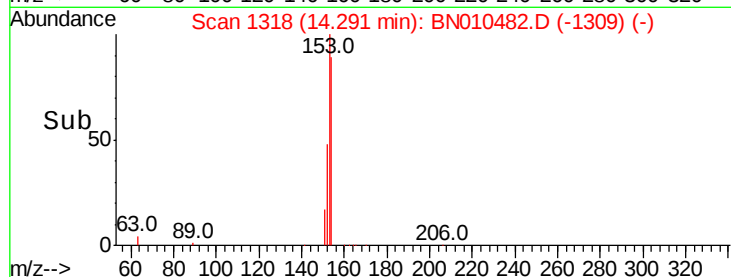
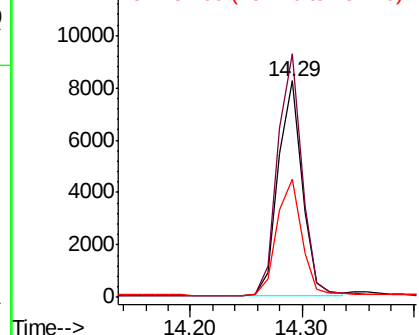
154 100

153 115.3 91.0 136.4

152 56.7 44.6 67.0



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: 0.439 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

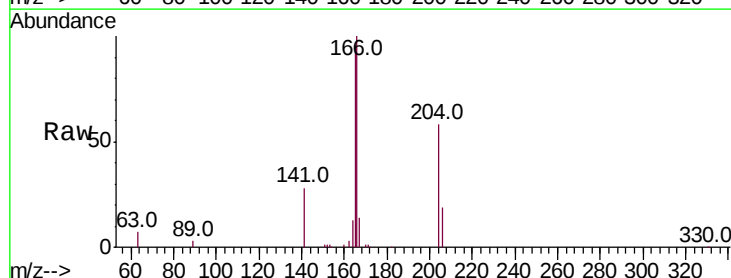
Tgt Ion:166 Resp: 16584

Ion Ratio Lower Upper

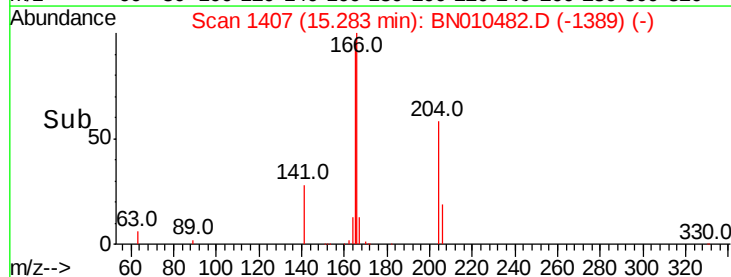
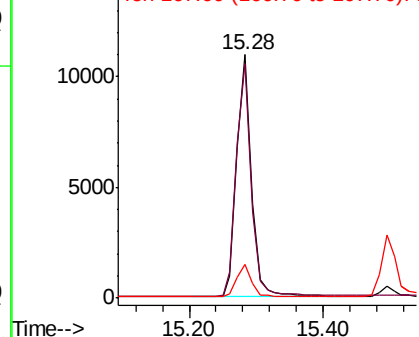
166 100

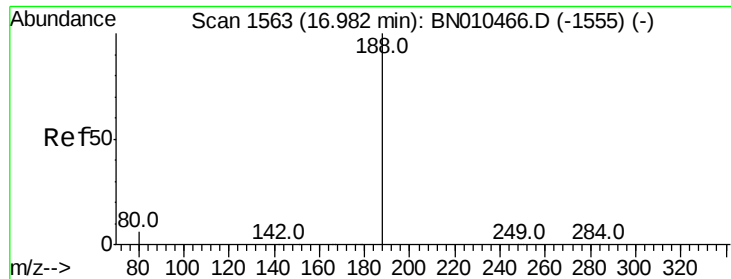
165 97.8 78.4 117.6

167 13.6 10.9 16.3



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: 16.97 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Instrument :

BNA_N

ClientSampleId :

PB128219BS

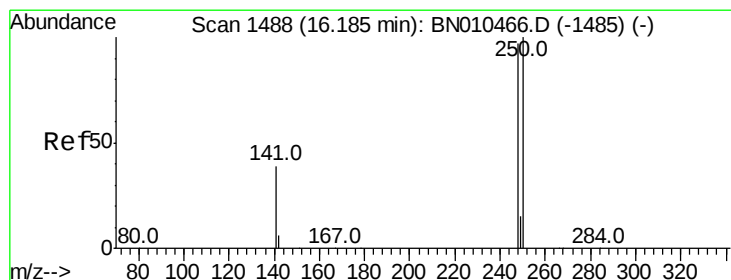
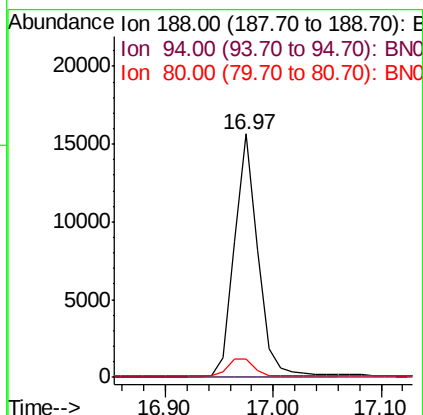
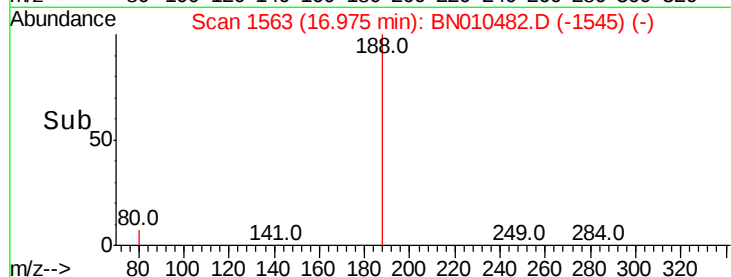
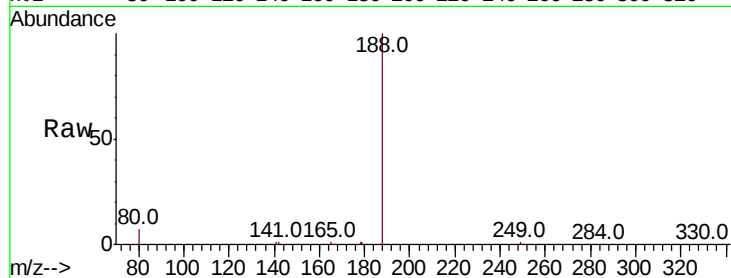
Tot Ion:188 Resp: 23594

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.4 5.0 7.6



#20

4-Bromophenyl-phenylether

Concen: 0.415 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

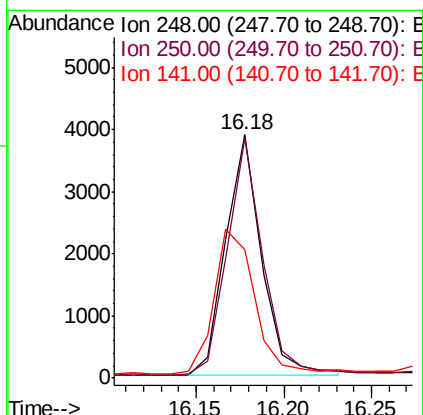
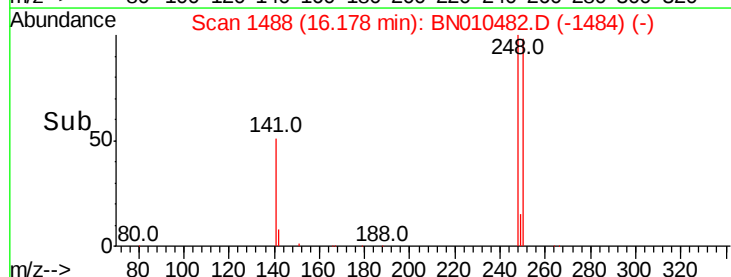
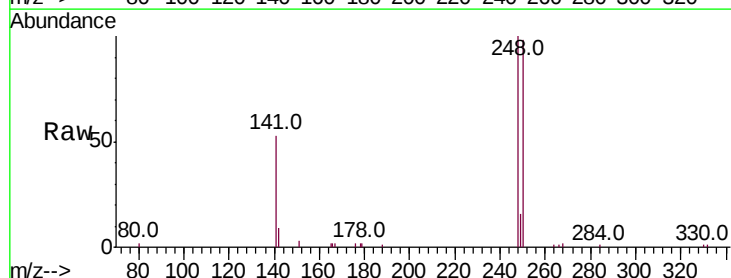
Tgt Ion:248 Resp: 5434

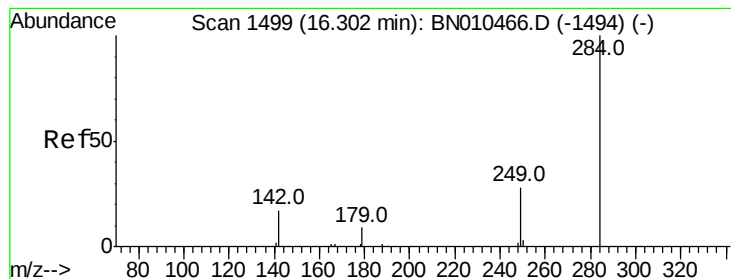
Ion Ratio Lower Upper

248 100

250 98.3 82.3 123.5

141 52.7 35.2 52.8





#21

Hexachlorobenzene

Concen: 0.431 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Instrument :

BNA_N

ClientSampleId :

PB128219BS

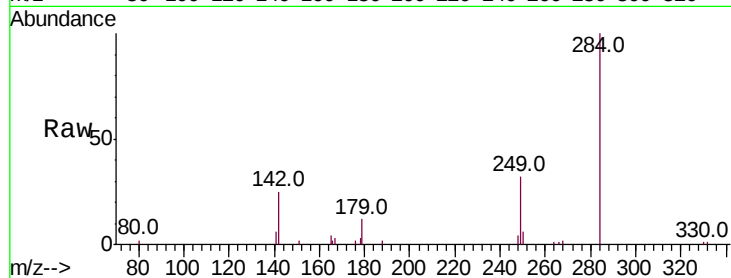
Tot Ion:284 Resp: 6446

Ion Ratio Lower Upper

284 100

142 32.4 25.5 38.3

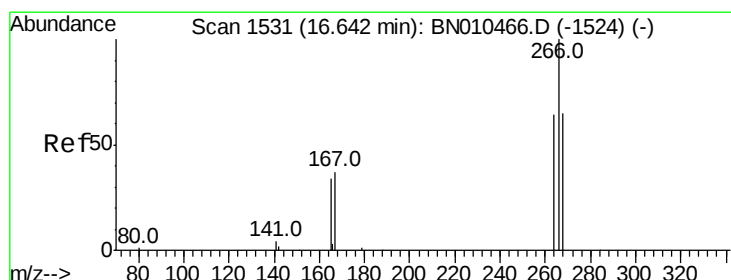
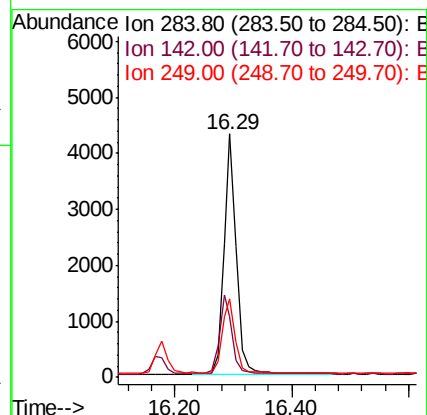
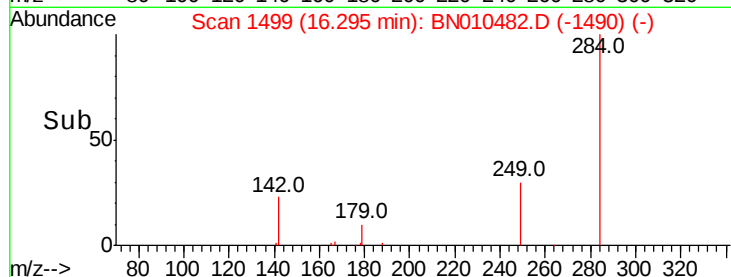
249 32.4 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 1.063 ng

RT: 16.63 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

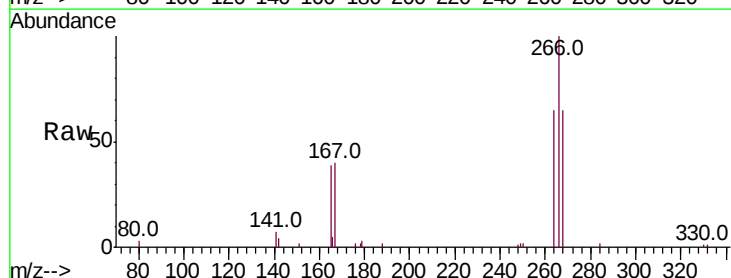
Tgt Ion:266 Resp: 6258

Ion Ratio Lower Upper

266 100

264 65.2 51.8 77.6

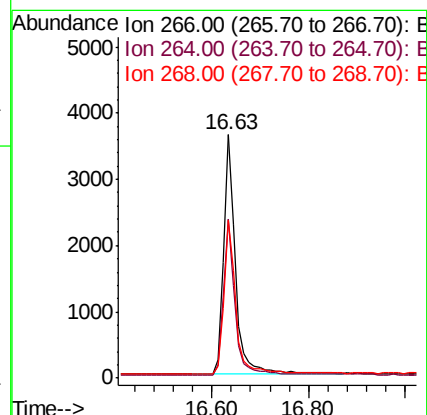
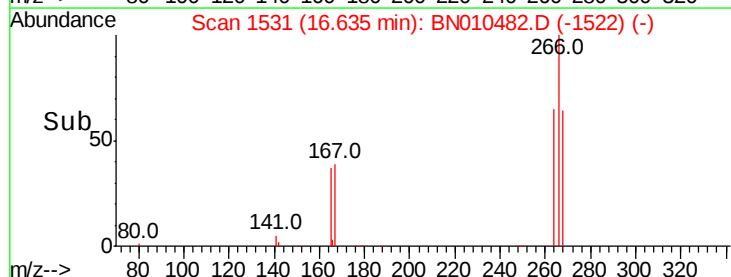
268 64.6 53.7 80.5

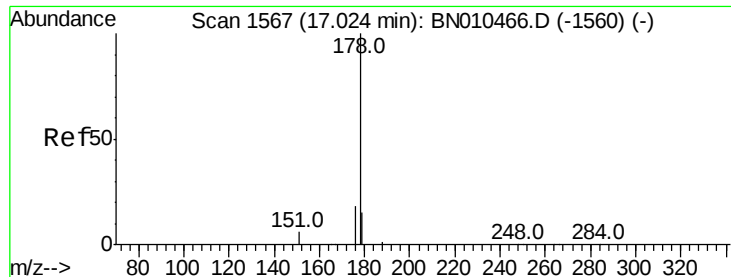


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.431 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Instrument :

BNA_N

ClientSampleId :

PB128219BS

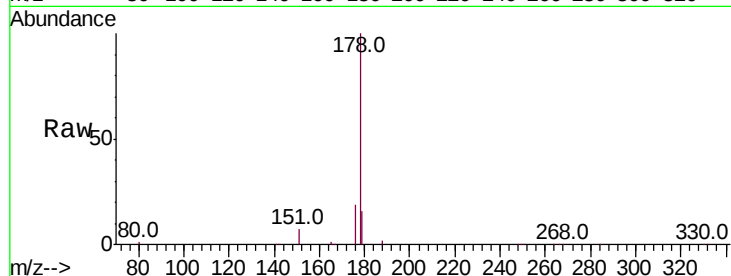
Tot Ion:178 Resp: 27440

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

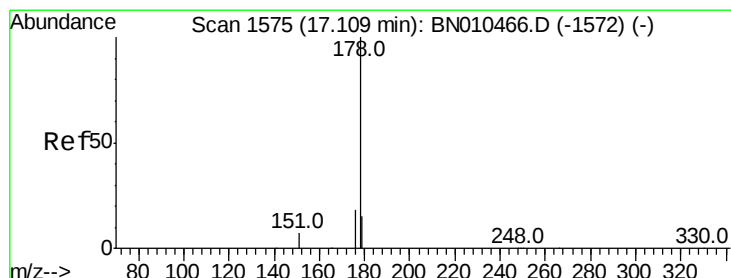
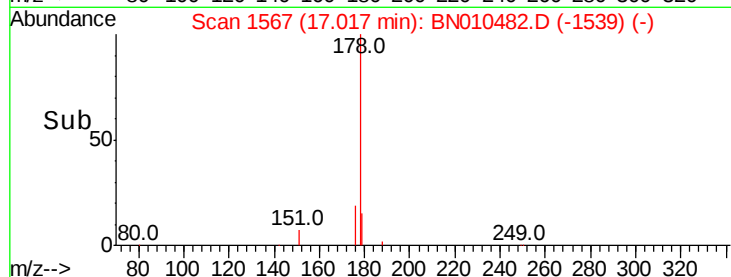
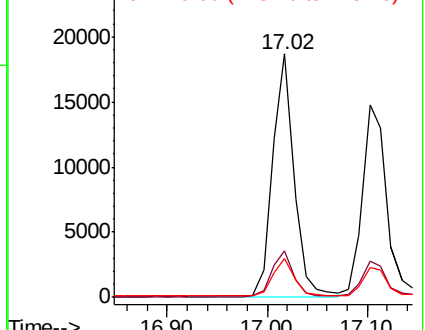
179 15.4 12.6 18.8



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: 0.427 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

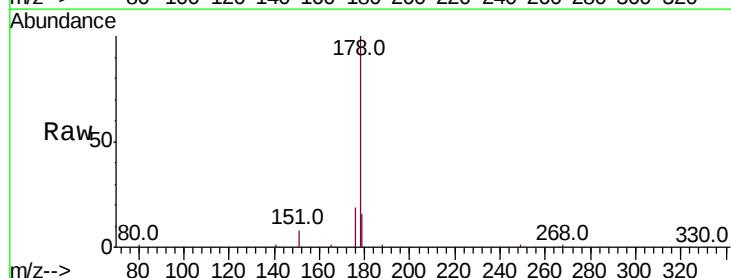
Tgt Ion:178 Resp: 24876

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

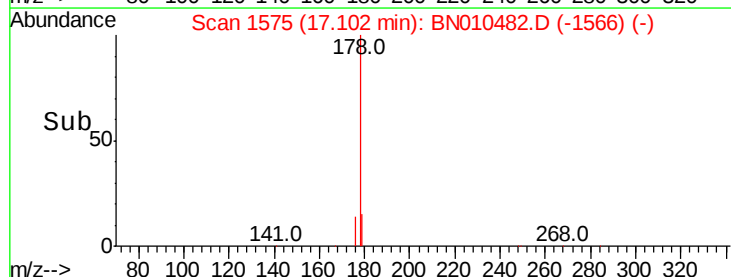
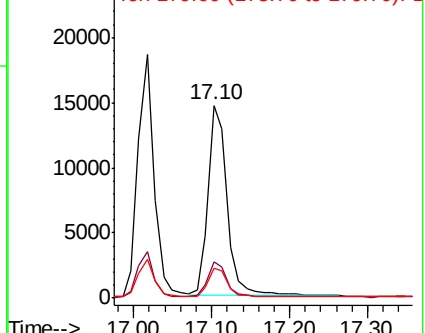
179 15.0 12.2 18.2

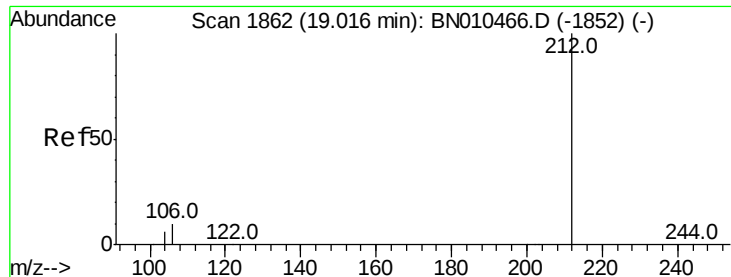


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.295 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Instrument :

BNA_N

ClientSampleId :

PB128219BS

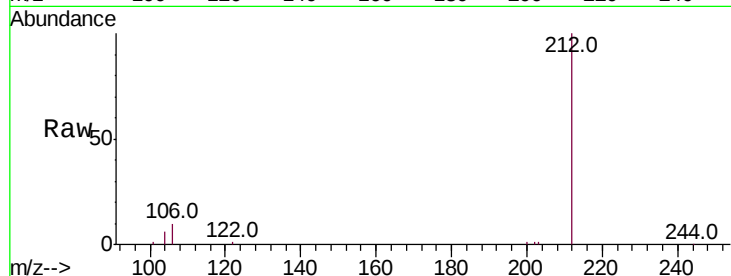
Tot Ion:212 Resp: 21116

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

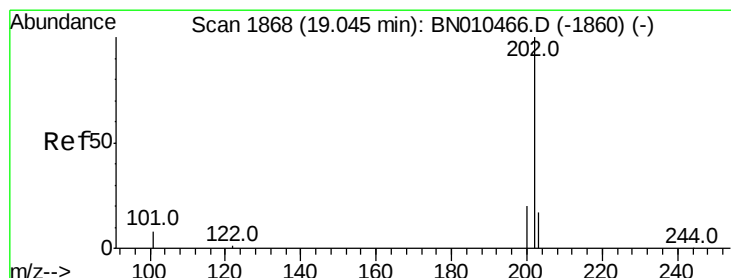
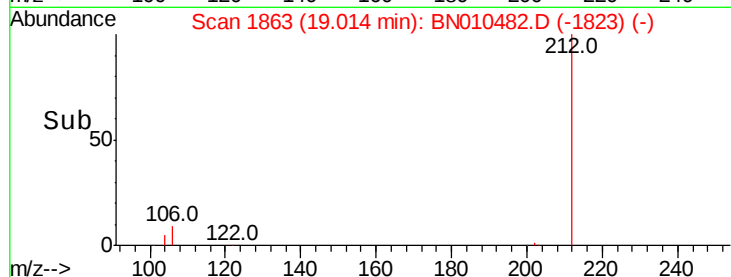
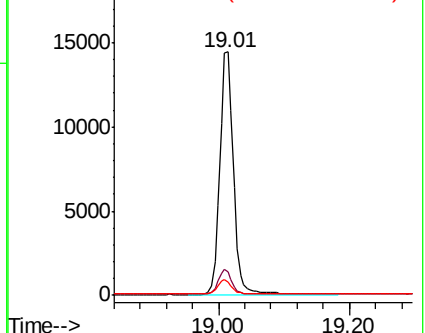
104 5.7 4.5 6.7



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.416 ng

RT: 19.04 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

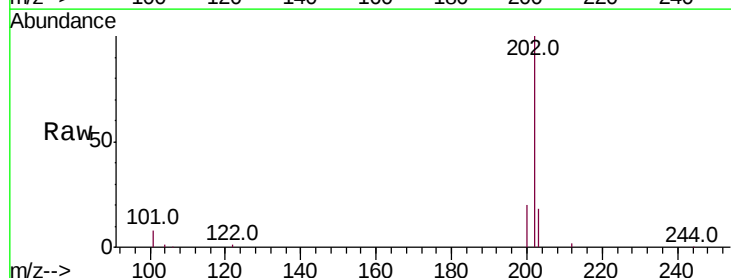
Tgt Ion:202 Resp: 32995

Ion Ratio Lower Upper

202 100

101 8.5 6.9 10.3

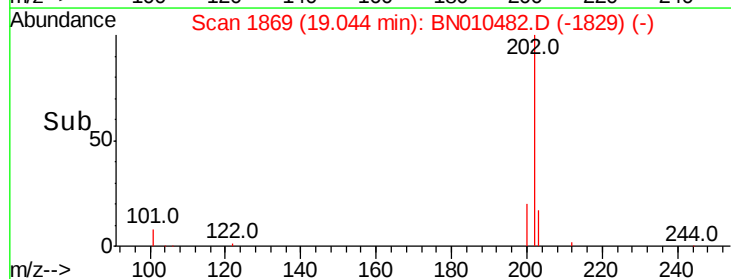
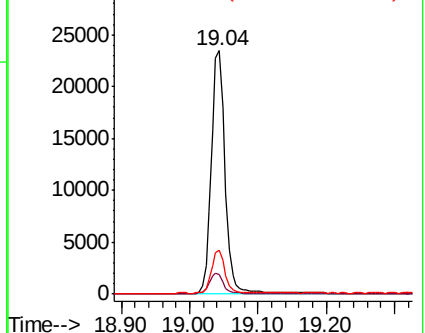
203 17.1 13.9 20.9

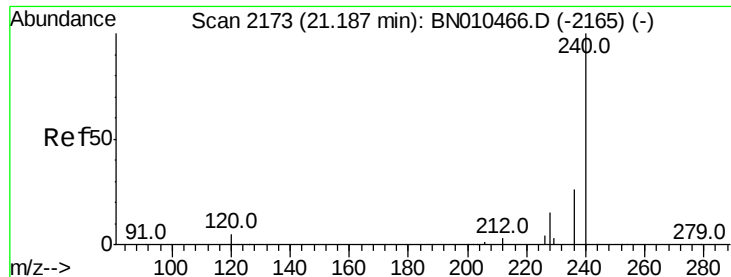


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Instrument :

BNA_N

ClientSampleId :

PB128219BS

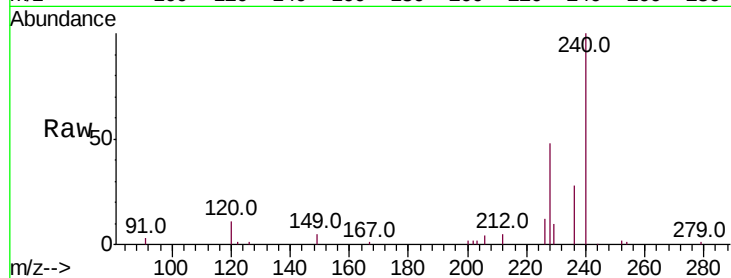
Tot Ion:240 Resp: 20404

Ion Ratio Lower Upper

240 100

120 10.7 4.8 7.2#

236 27.7 21.4 32.0

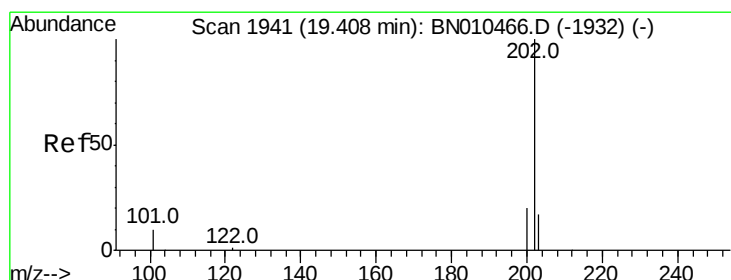
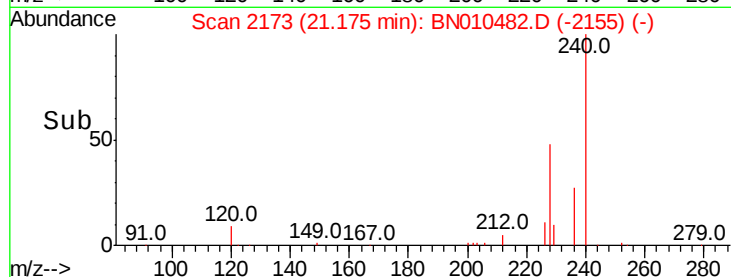
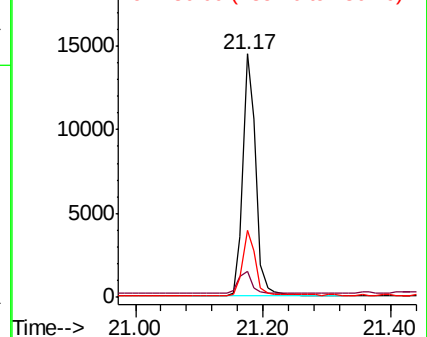


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.481 ng

RT: 19.41 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

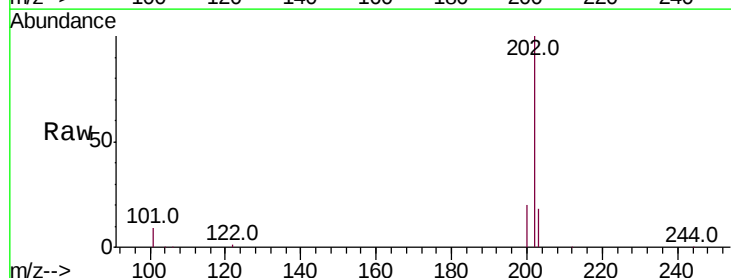
Tgt Ion:202 Resp: 33026

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

203 18.1 14.0 21.0

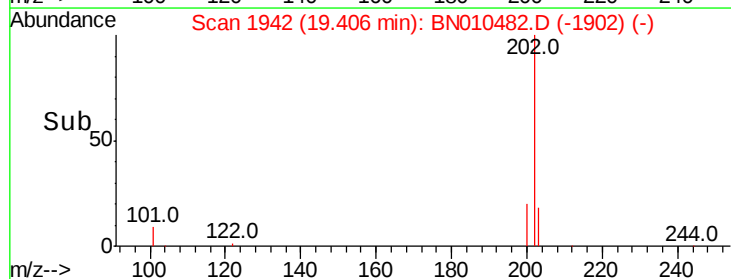
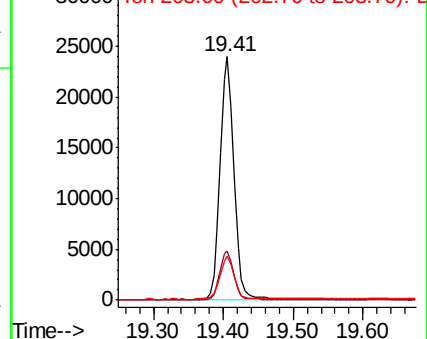


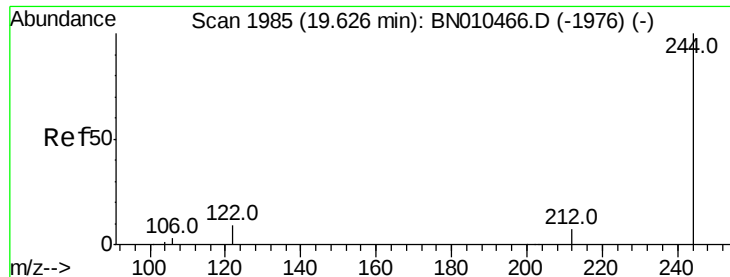
Abundance

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: 0.352 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Instrument :

BNA_N

ClientSampleId :

PB128219BS

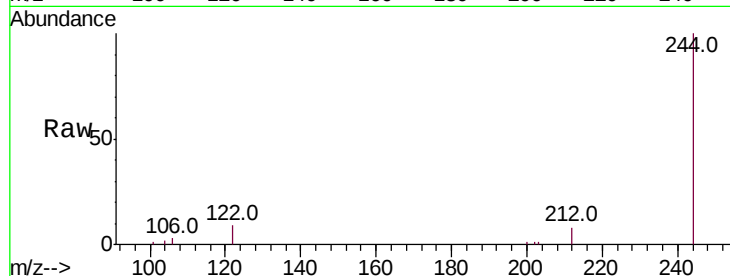
Tot Ion:244 Resp: 16451

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

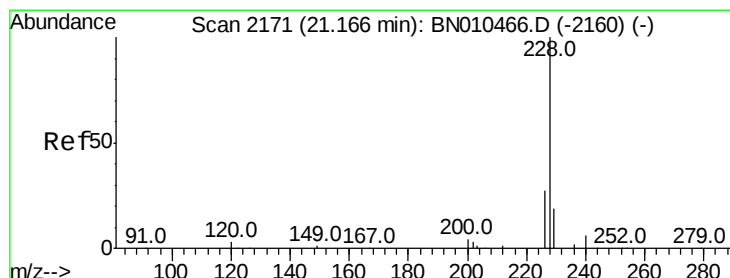
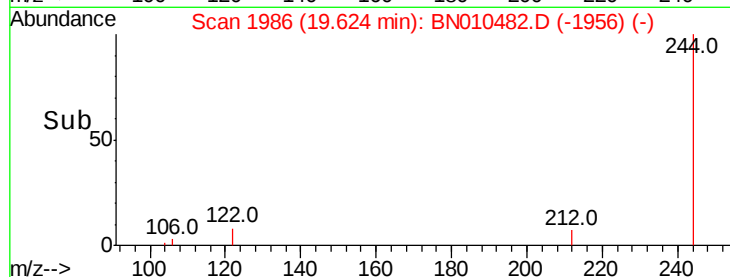
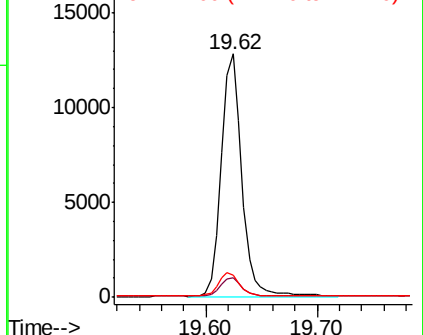
122 9.1 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.409 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

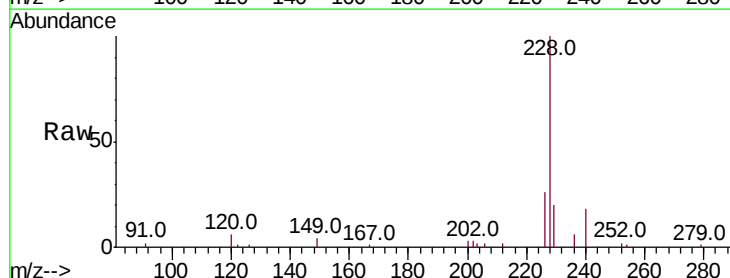
Tgt Ion:228 Resp: 27252

Ion Ratio Lower Upper

228 100

226 26.5 21.7 32.5

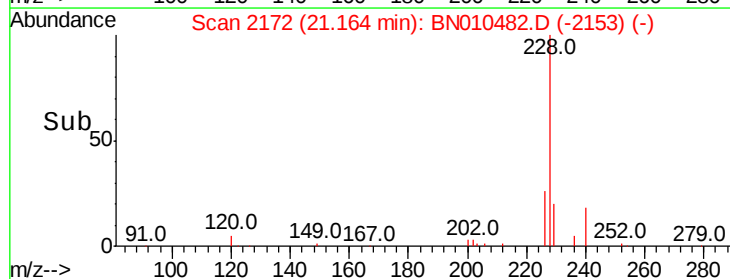
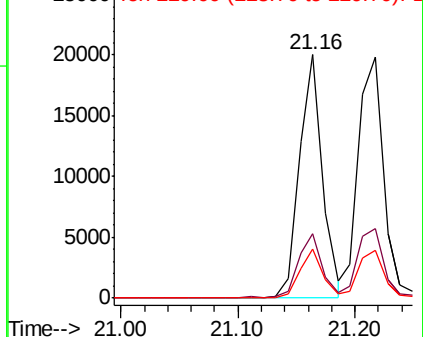
229 20.2 15.6 23.4

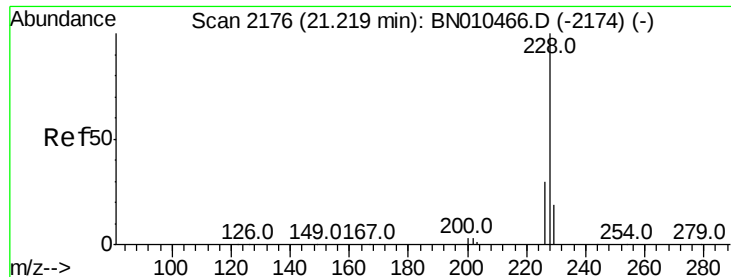


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.443 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Instrument :

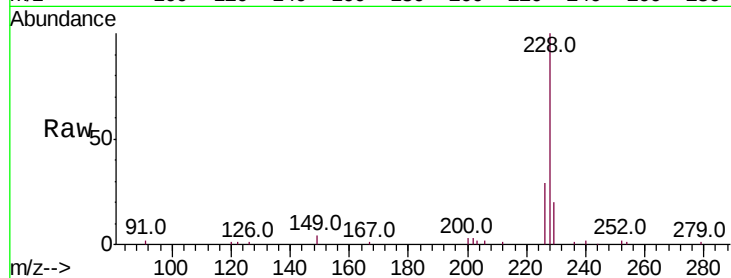
BNA_N

ClientSampleId :

PB128219BS

Tot Ion:228 Resp: 29353

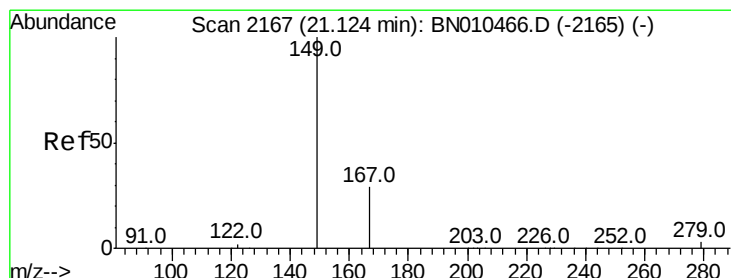
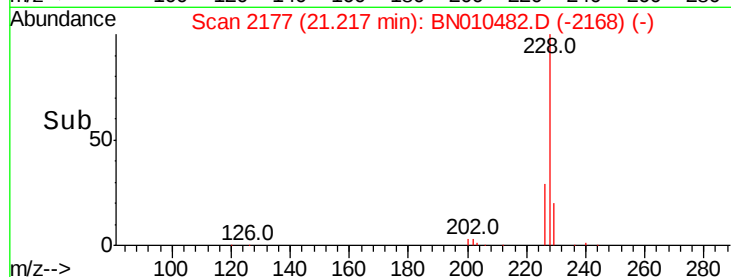
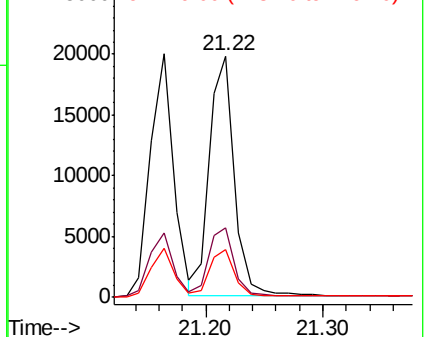
Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	19.9	15.8	23.6



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: 0.375 ng

RT: 21.12 min Scan# 2168

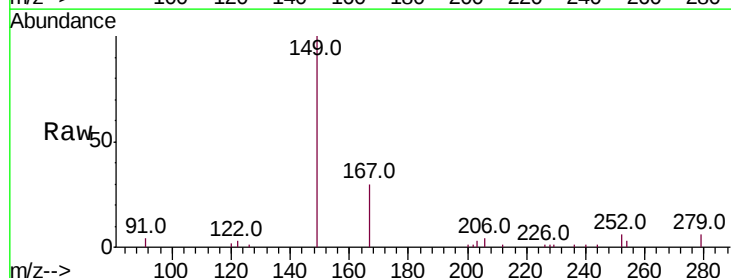
Delta R.T. -0.00 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Tgt Ion:149 Resp: 12795

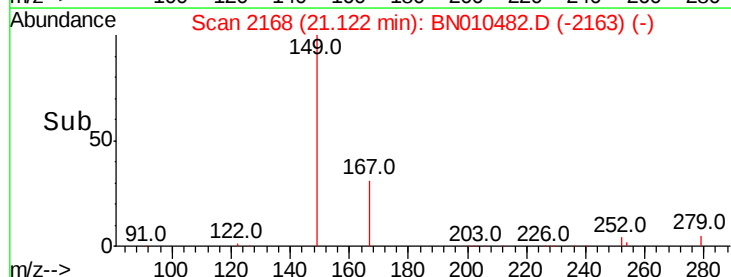
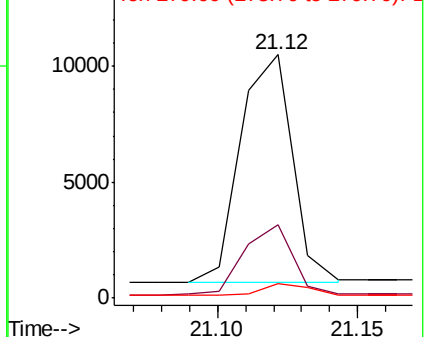
Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.4	35.0
279	4.7	4.0	6.0

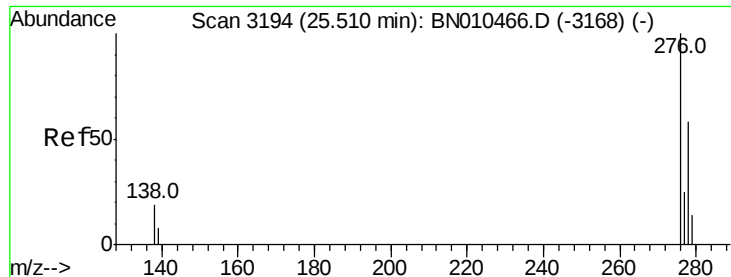


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.462 ng

RT: 25.50 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Instrument :

BNA_N

ClientSampleId :

PB128219BS

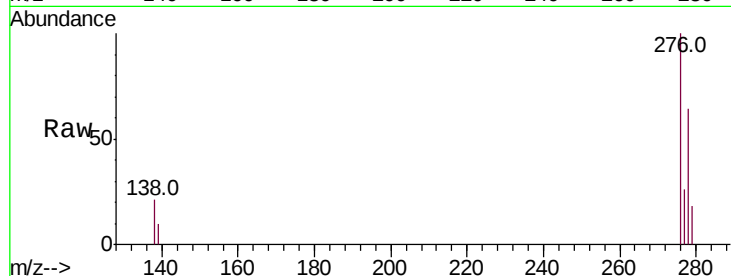
Tot Ion:276 Resp: 27106

Ion Ratio Lower Upper

276 100

138 20.1 16.4 24.6

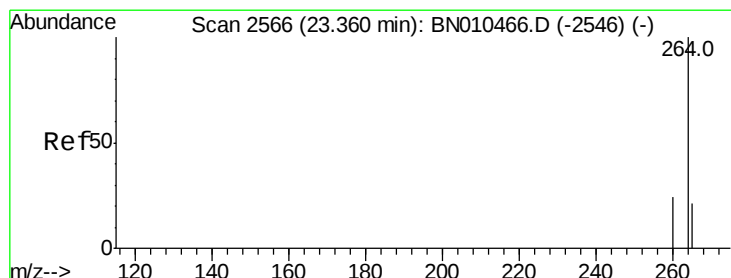
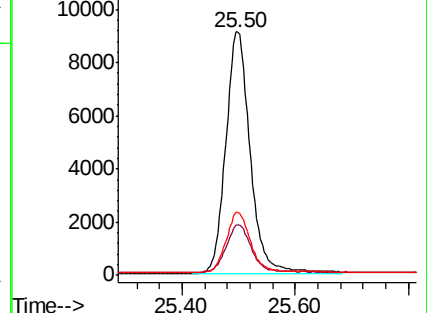
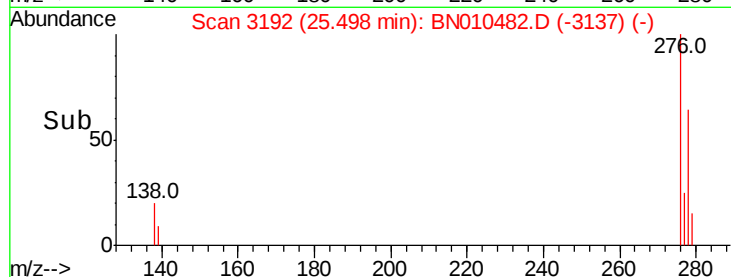
277 25.2 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

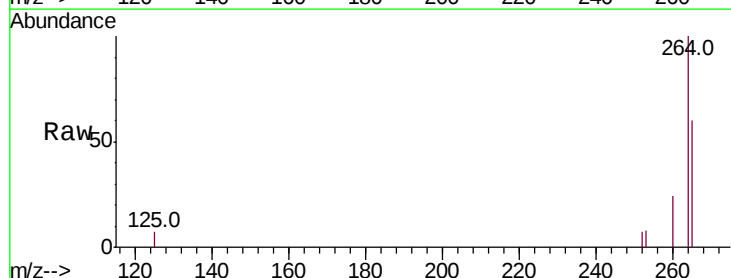
Tgt Ion:264 Resp: 17630

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

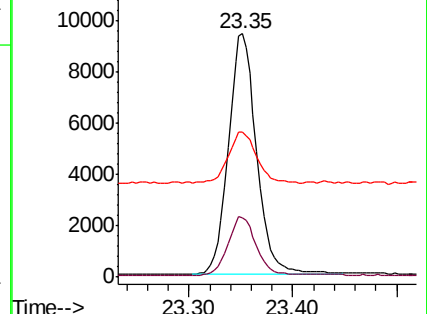
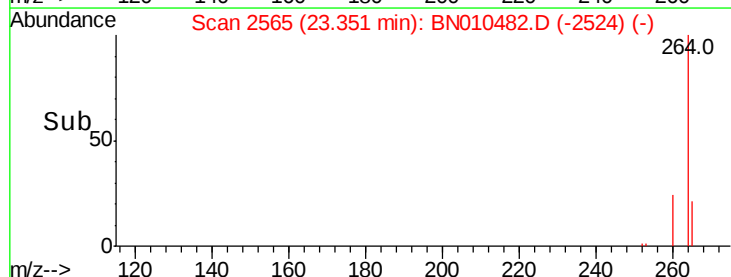
265 59.8 42.3 63.5

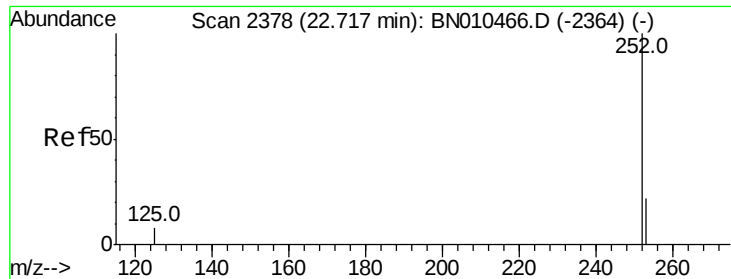


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

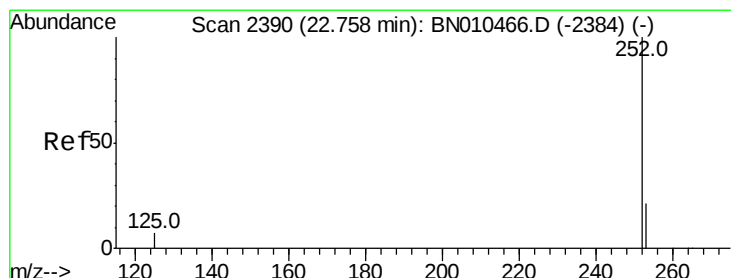
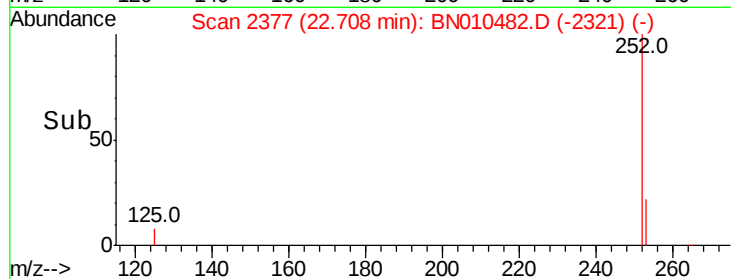
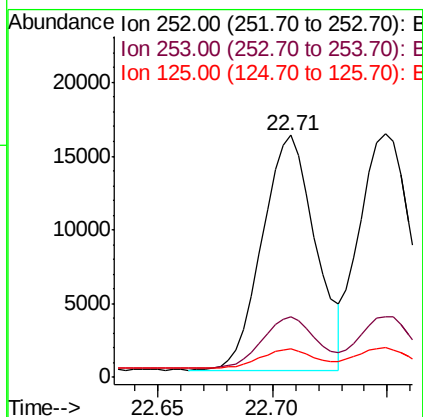
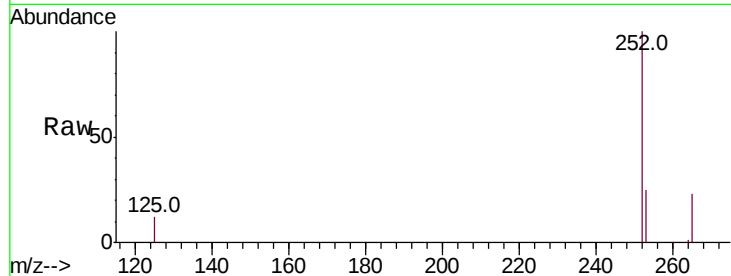




#35
Benzo(b)fluoranthene
Concen: 0.442 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

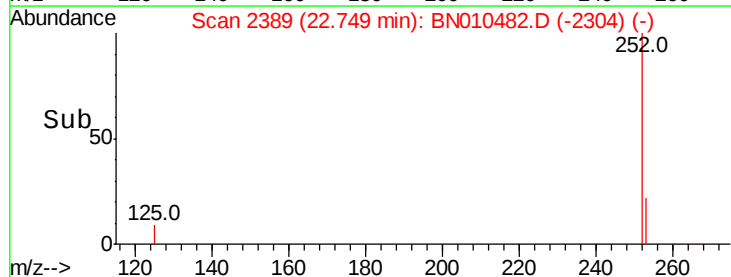
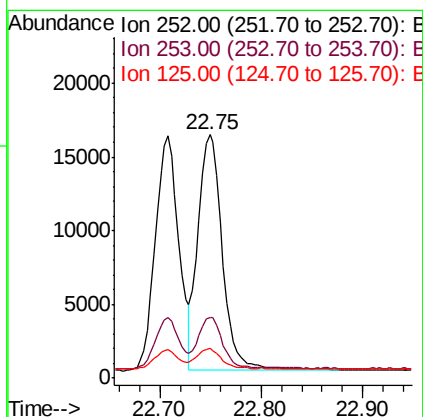
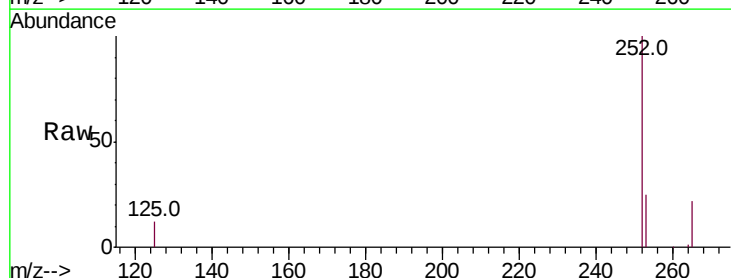
Instrument :
BNA_N
ClientSampleId :
PB128219BS

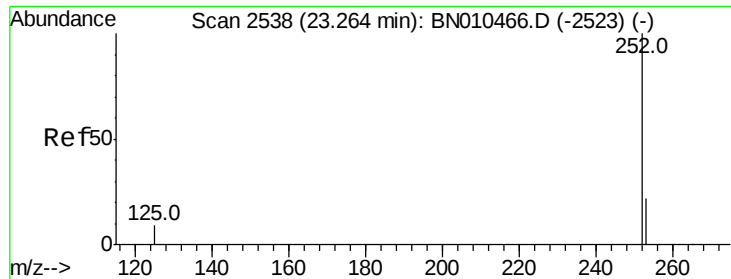
Tot Ion:252 Resp: 25669
Ion Ratio Lower Upper
252 100
253 24.8 20.2 30.4
125 11.6 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.457 ng
RT: 22.75 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:252 Resp: 26582
Ion Ratio Lower Upper
252 100
253 24.9 20.1 30.1
125 12.2 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.459 ng

RT: 23.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

Instrument :

BNA_N

ClientSampleId :

PB128219BS

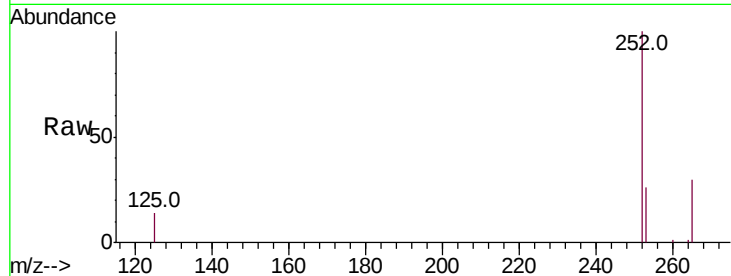
Tot Ion:252 Resp: 23563

Ion Ratio Lower Upper

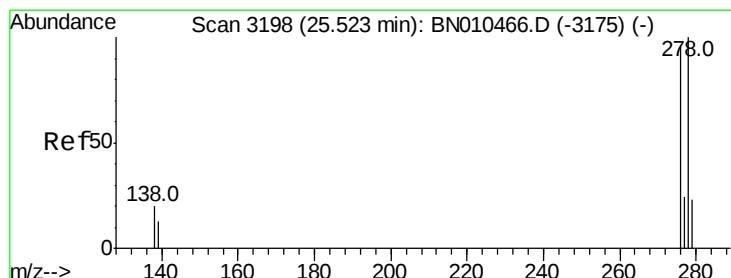
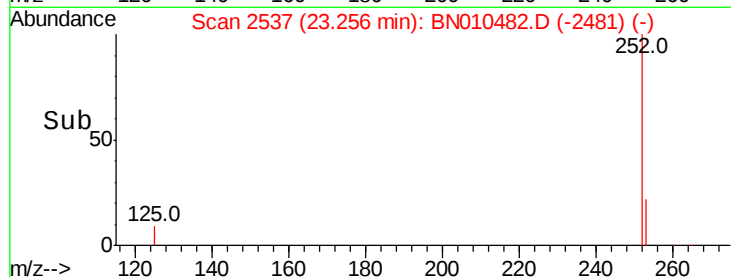
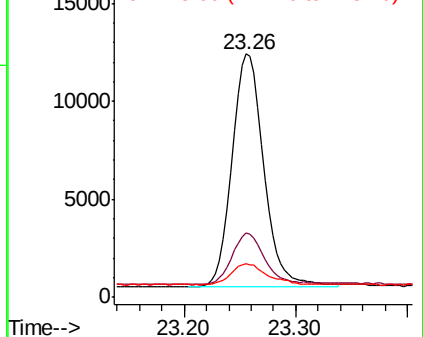
252 100

253 26.3 21.8 32.8

125 13.9 11.0 16.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.466 ng

RT: 25.51 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BN010482.D

Acq: 14 Apr 2020 17:18

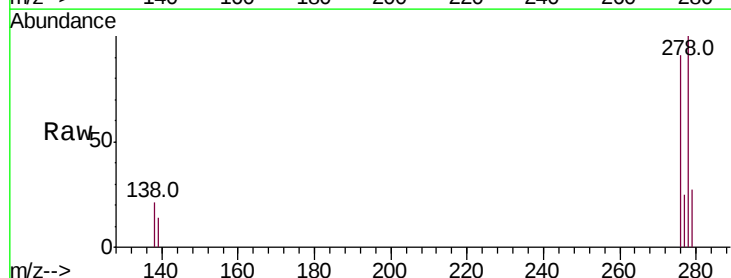
Tgt Ion:278 Resp: 21909

Ion Ratio Lower Upper

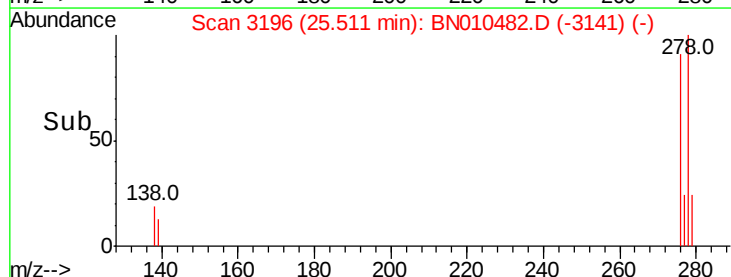
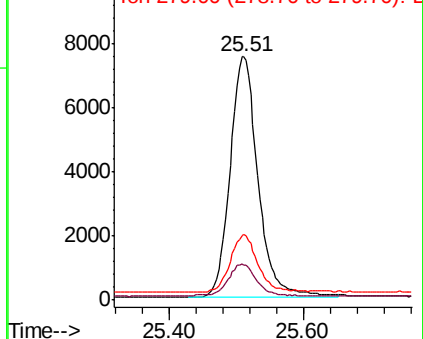
278 100

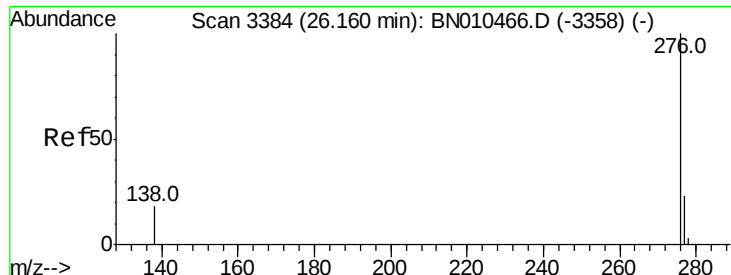
139 14.4 12.3 18.5

279 26.9 21.9 32.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.490 ng

RT: 26.15 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BN010482.D

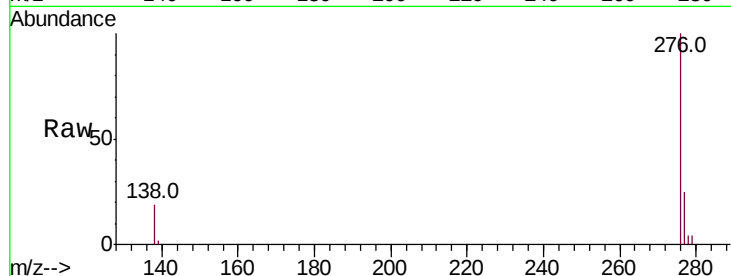
Acq: 14 Apr 2020 17:18

Instrument :

BNA_N

ClientSampleId :

PB128219BS



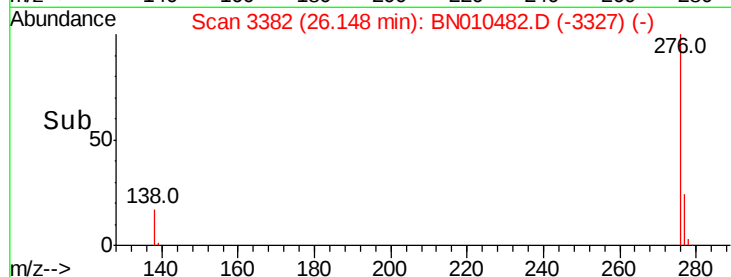
Tot Ion:276 Resp: 23150

Ion Ratio Lower Upper

276 100

277 25.1 20.2 30.2

138 18.6 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

10000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

