

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120919\
 Data File : BN008896.D
 Acq On : 09 Dec 2019 17:49
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN120919

Quant Time: Dec 09 18:26:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 09 17:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2540	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	10750	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	7714	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	18199	0.40	ng	0.00
27) Chrysene-d12	21.13	240	18414	0.40	ng	0.00
34) Perylene-d12	23.28	264	19259	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2597	0.40	ng	0.00
5) Phenol-d6	6.75	99	3537	0.40	ng	0.00
8) Nitrobenzene-d5	8.69	82	3531	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	7704	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1398	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	11948	0.41	ng	0.00
25) Fluoranthene-d10	18.97	212	21753	0.39	ng	0.00
29) Terphenyl-d14	19.58	244	17221	0.41	ng	0.00

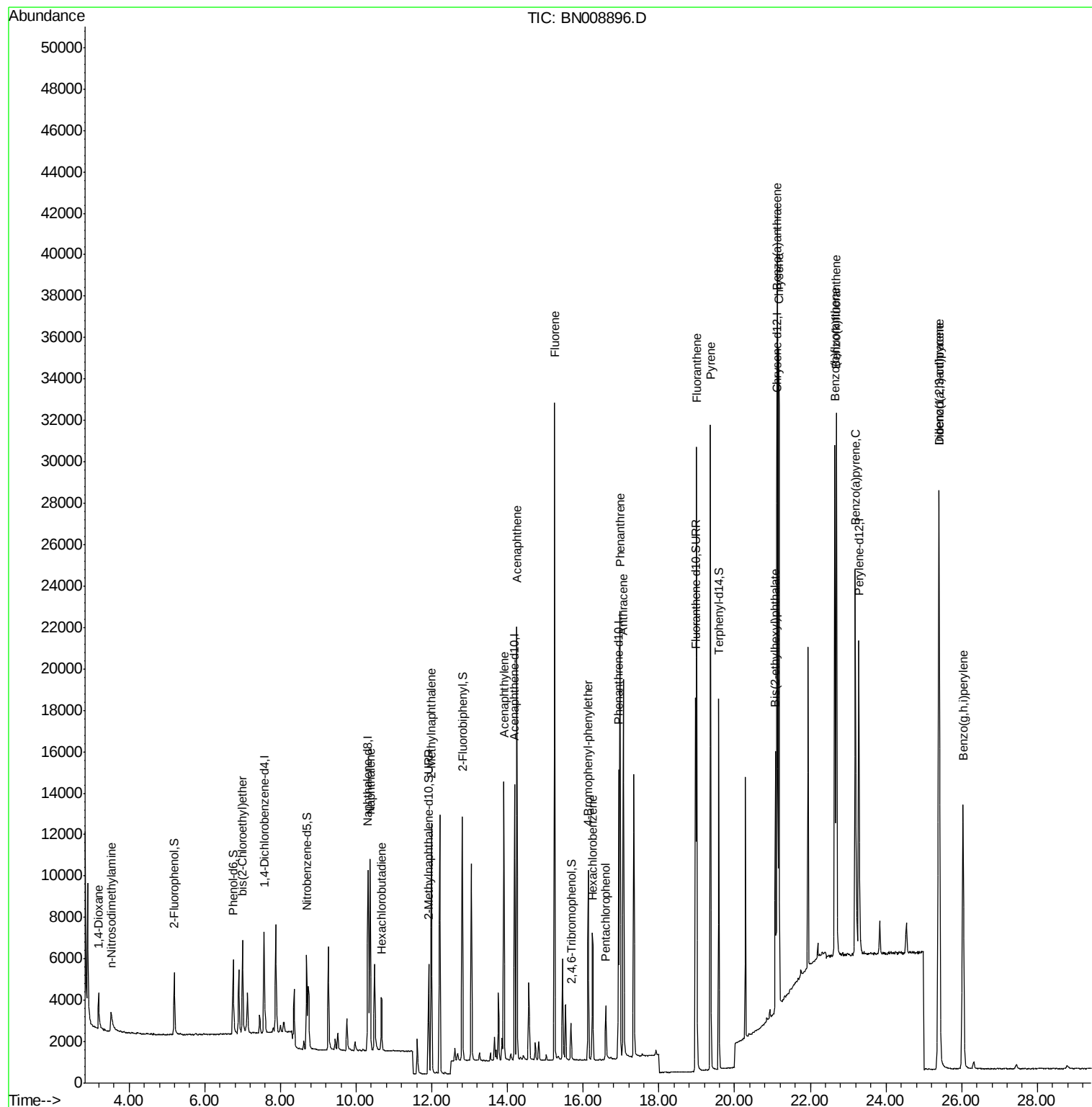
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	1032	0.433	ng	97
3) n-Nitrosodimethylamine	3.52	42	1124	0.342	ng	# 98
6) bis(2-Chloroethyl)ether	7.00	93	3508	0.417	ng	99
9) Naphthalene	10.37	128	12373	0.422	ng	99
10) Hexachlorobutadiene	10.67	225	2390	0.426	ng	# 99
12) 2-Methylnaphthalene	11.99	142	9264	0.424	ng	99
16) Acenaphthylene	13.90	152	14742	0.418	ng	100
17) Acenaphthene	14.25	154	9959	0.425	ng	99
18) Fluorene	15.24	166	13462	0.427	ng	100
20) 4-Bromophenyl-phenylether	16.14	248	4400	0.404	ng	99
21) Hexachlorobenzene	16.25	284	5038	0.406	ng	99
22) Pentachlorophenol	16.59	266	1575	0.352	ng	99
23) Phenanthrene	16.97	178	23239	0.406	ng	100
24) Anthracene	17.06	178	20022	0.397	ng	99
26) Fluoranthene	19.00	202	27466	0.403	ng	100
28) Pyrene	19.36	202	27731	0.430	ng	100
30) Benzo(a)anthracene	21.12	228	27545	0.422	ng	100
31) Chrysene	21.16	228	29046	0.429	ng	97
32) Bis(2-ethylhexyl)phthalate	21.08	149	10608	0.347	ng	100
33) Indeno(1,2,3-cd)pyrene	25.39	276	30370	0.424	ng	99
35) Benzo(b)fluoranthene	22.65	252	28749	0.417	ng	100
36) Benzo(k)fluoranthene	22.69	252	30347	0.437	ng	96
37) Benzo(a)pyrene	23.19	252	25908	0.418	ng	99
38) Dibenzo(a,h)anthracene	25.41	278	24629	0.424	ng	100
39) Benzo(g,h,i)perylene	26.03	276	24287	0.424	ng	100

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

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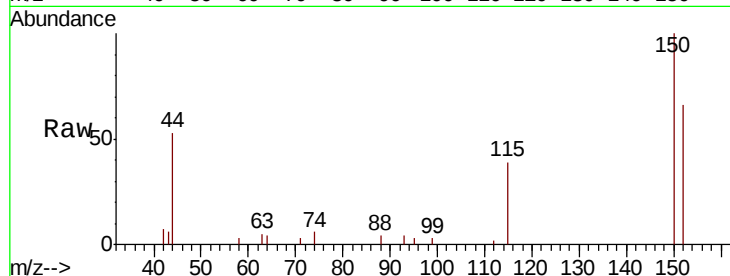


#1

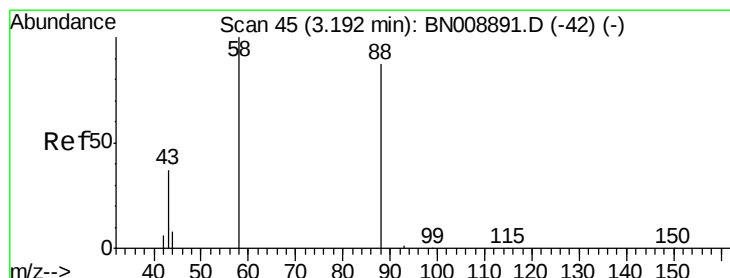
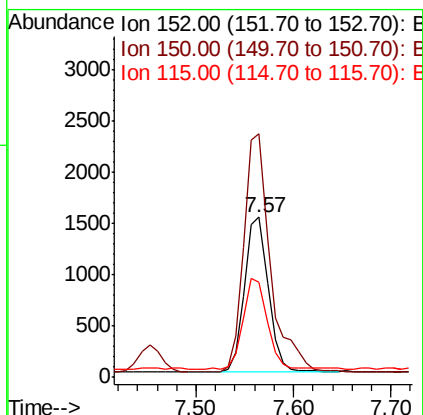
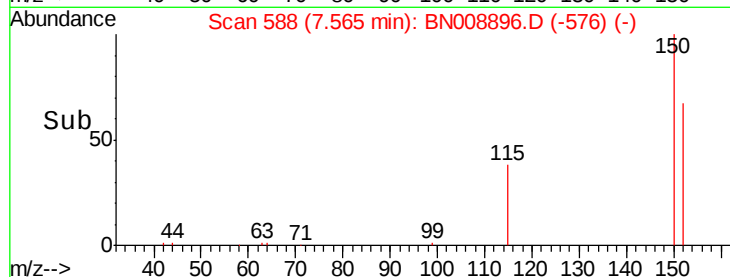
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008896.D
Acq: 09 Dec 2019 17:49

Instrument :
BNA_N
ClientSampleId :
ICVBN120919

Tot Ion:152 Resp: 2540
Ion Ratio Lower Upper
152 100
150 152.1 122.3 183.5
115 59.2 48.4 72.6



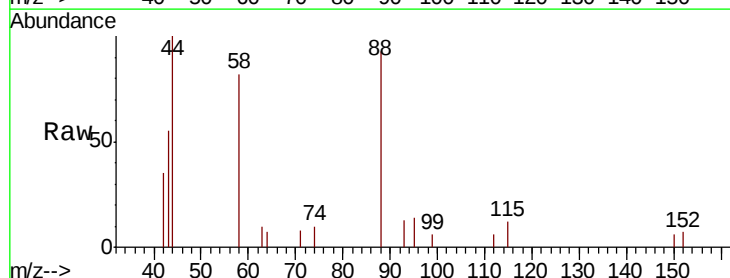
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



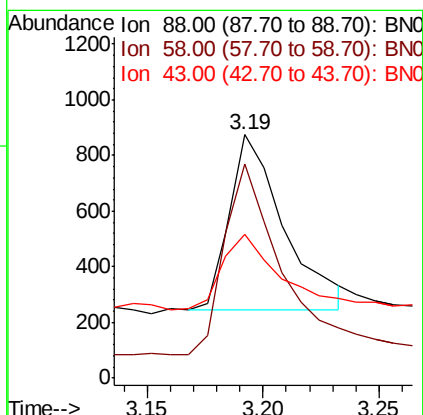
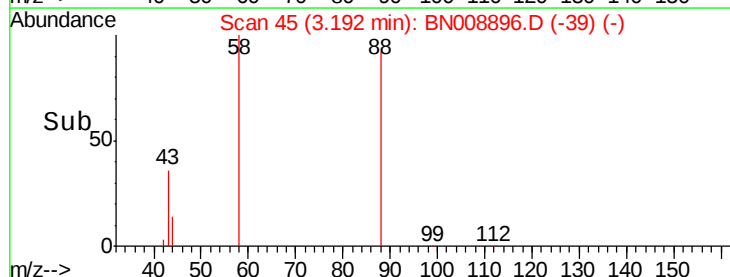
#2

1,4-Dioxane
Concen: 0.433 ng
RT: 3.19 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN008896.D
Acq: 09 Dec 2019 17:49

Tgt Ion: 88 Resp: 1032
Ion Ratio Lower Upper
88 100
58 111.5 88.6 132.8
43 46.0 31.8 47.8



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



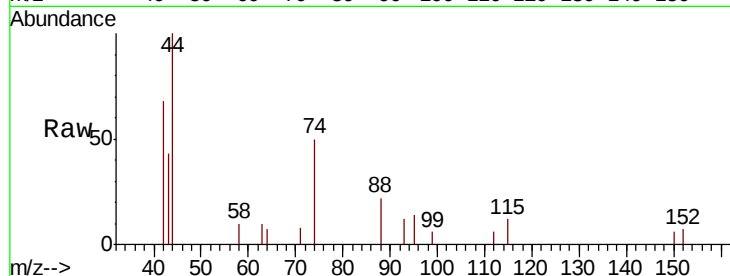


#3

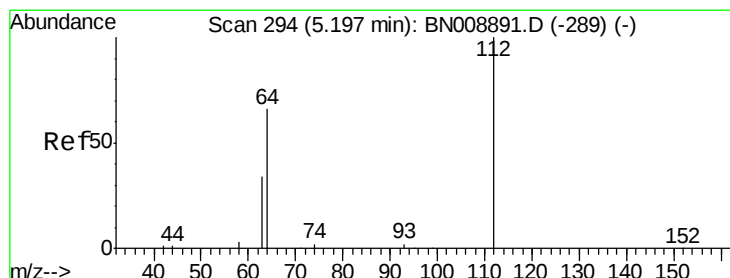
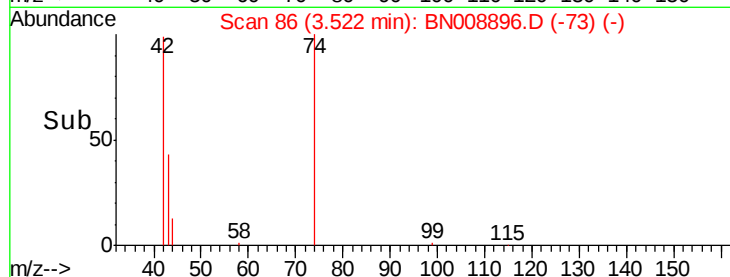
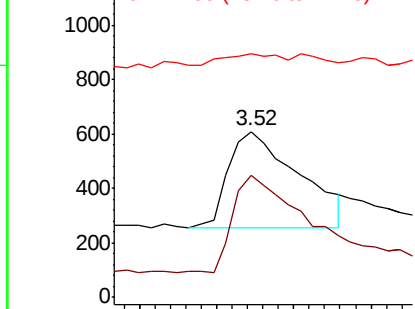
n-Nitrosodimethylamine
Concen: 0.342 ng
RT: 3.52 min Scan# 86
Delta R.T. 0.01 min
Lab File: BN008896.D
Acq: 09 Dec 2019 17:49

Instrument :
BNA_N
ClientSampleId :
ICVBN120919

Tot Ion: 42 Resp: 1124
Ion Ratio Lower Upper
42 100
74 100.3 78.6 117.8
44 9.5 0.0 0.0#



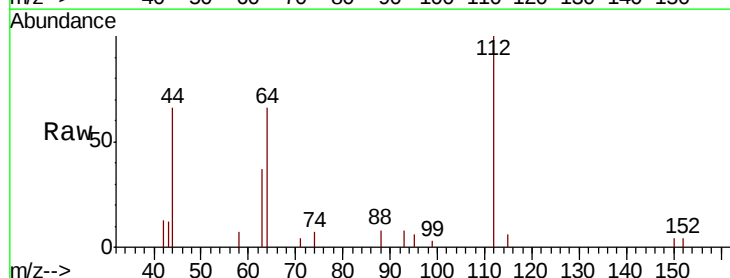
Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



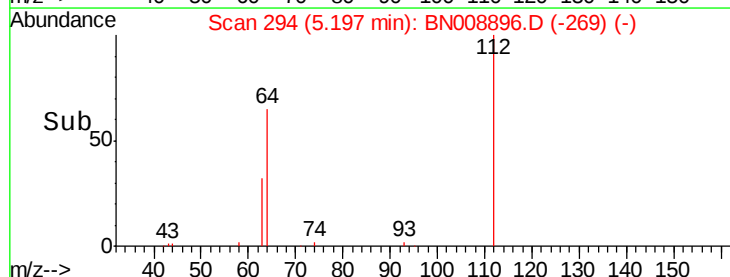
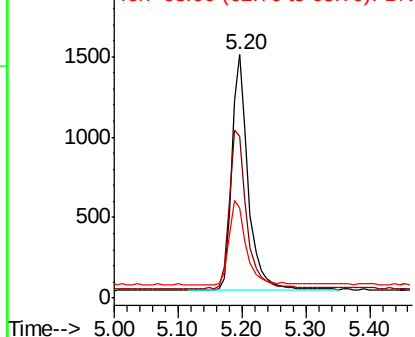
#4

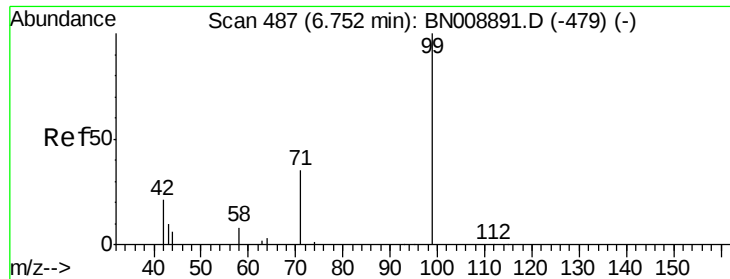
2-Fluorophenol
Concen: 0.402 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN008896.D
Acq: 09 Dec 2019 17:49

Tgt Ion: 112 Resp: 2597
Ion Ratio Lower Upper
112 100
64 71.9 57.7 86.5
63 38.0 29.6 44.4



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: 0.396 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

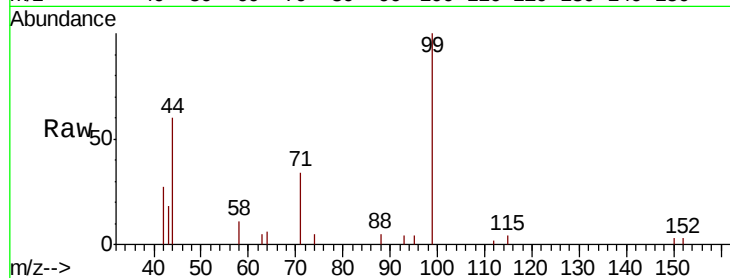
Tot Ion: 99 Resp: 3537

Ion Ratio Lower Upper

99 100

42 24.7 20.1 30.1

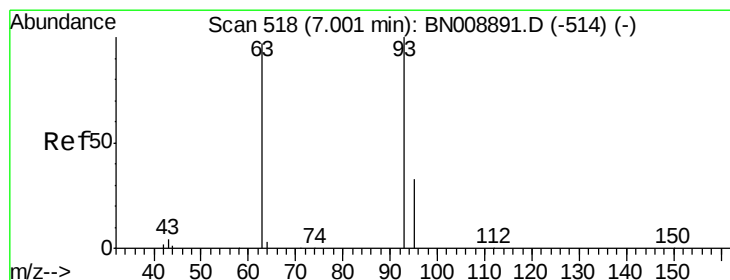
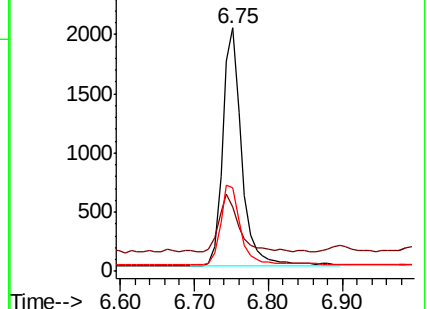
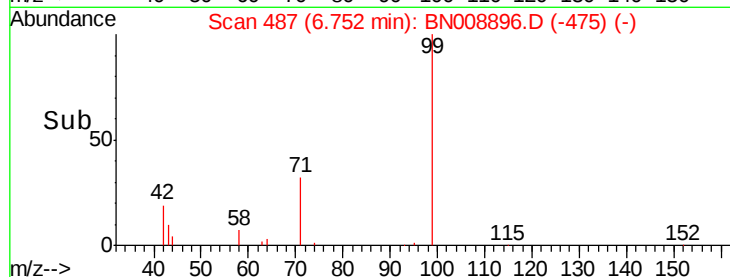
71 35.3 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BN008896.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN008896.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN008896.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.417 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

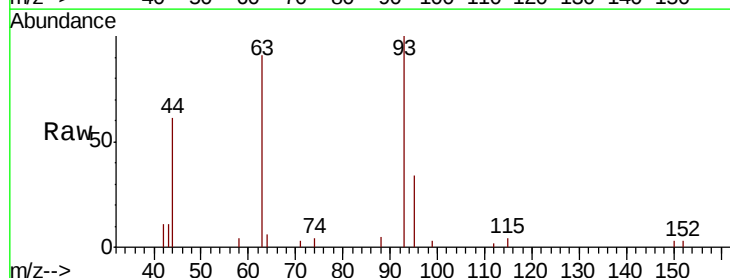
Tgt Ion: 93 Resp: 3508

Ion Ratio Lower Upper

93 100

63 92.8 73.5 110.3

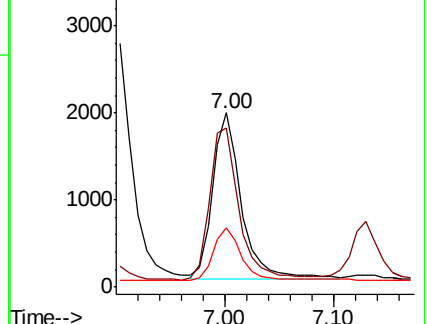
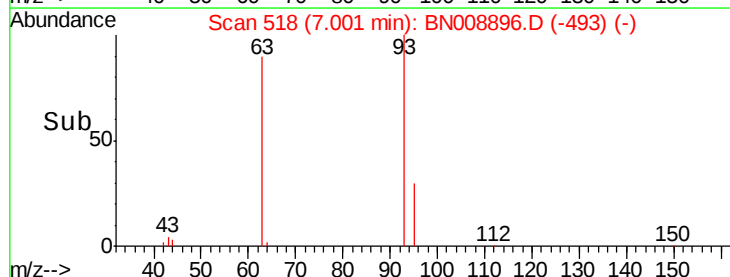
95 31.7 26.0 39.0

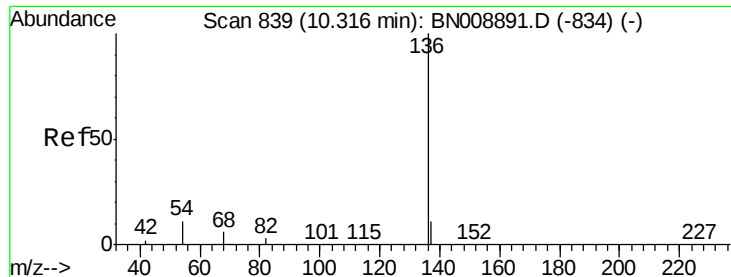


Abundance Ion 93.00 (92.70 to 93.70): BN008896.D (-493) (-)

Ion 63.00 (62.70 to 63.70): BN008896.D (-493) (-)

Ion 95.00 (94.70 to 95.70): BN008896.D (-493) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

Tot Ion:136 Resp: 10750

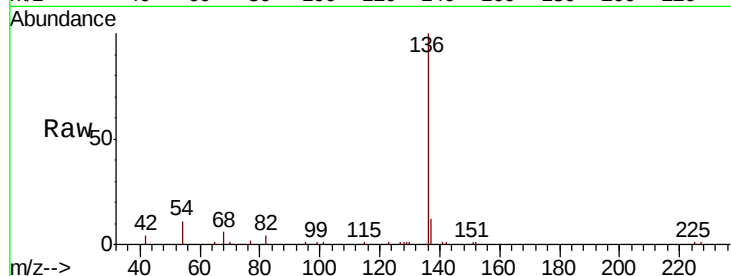
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 10.8 9.6 14.4

68 6.3 5.6 8.4

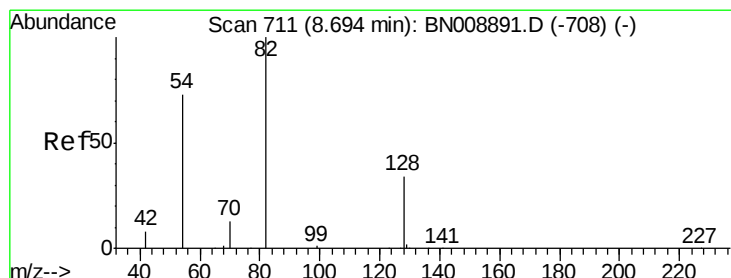
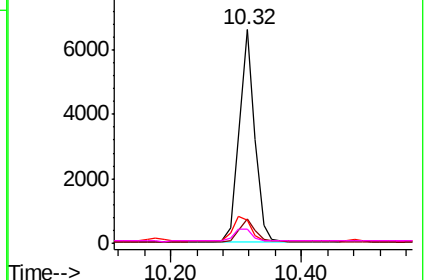
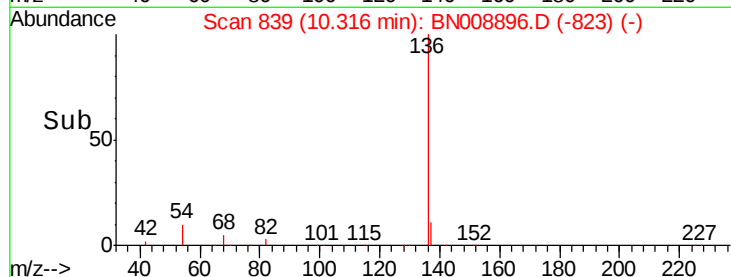


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.387 ng

RT: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

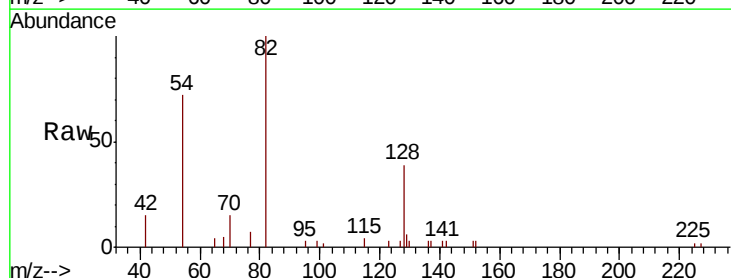
Tgt Ion: 82 Resp: 3531

Ion Ratio Lower Upper

82 100

128 38.9 29.1 43.7

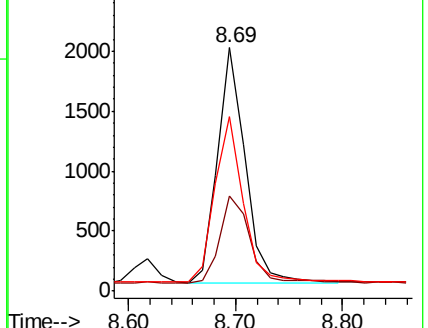
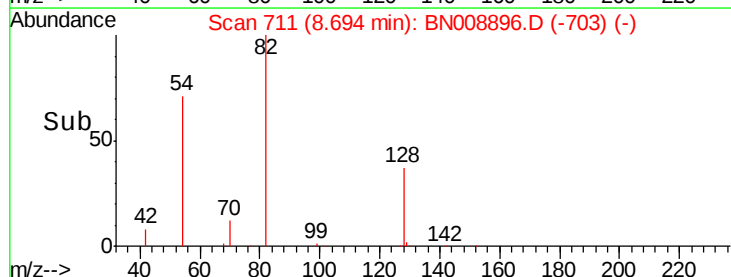
54 71.8 59.7 89.5

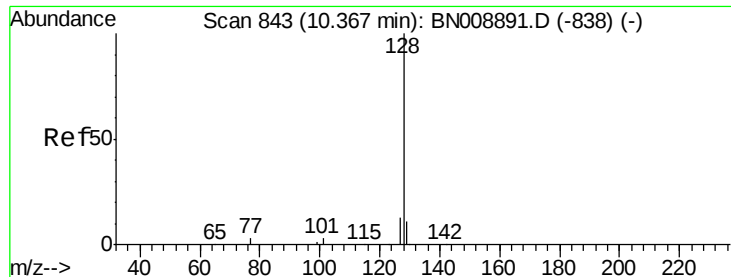


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.422 ng

RT: 10.37 min Scan# 843

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

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ClientSampleId :

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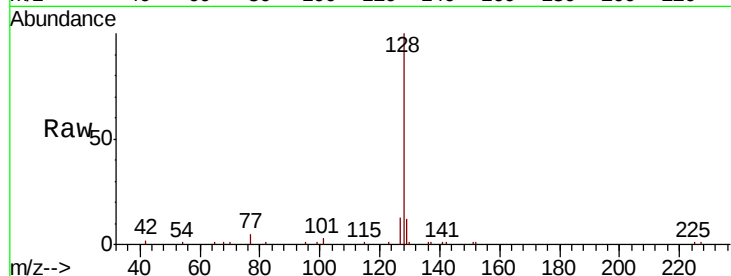
Tot Ion:128 Resp: 12373

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.0

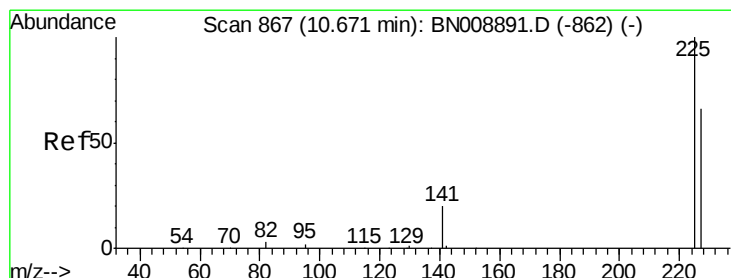
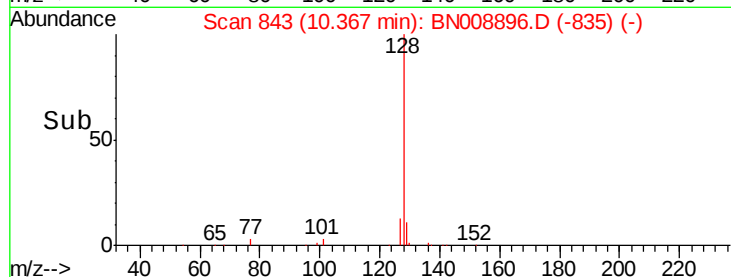
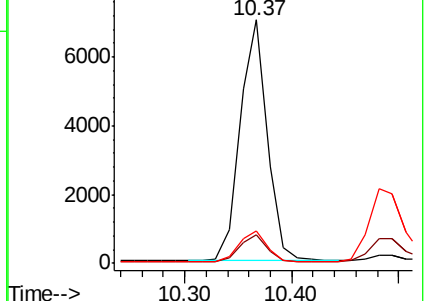
127 13.2 10.8 16.2



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: 0.426 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

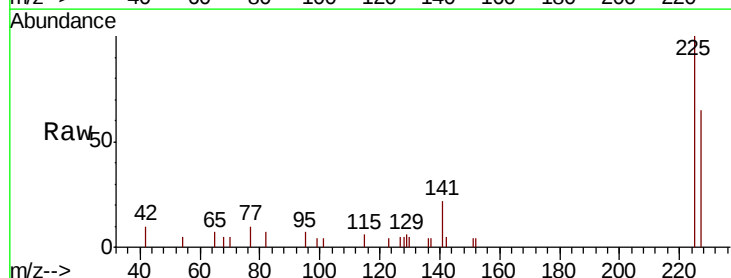
Tgt Ion:225 Resp: 2390

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

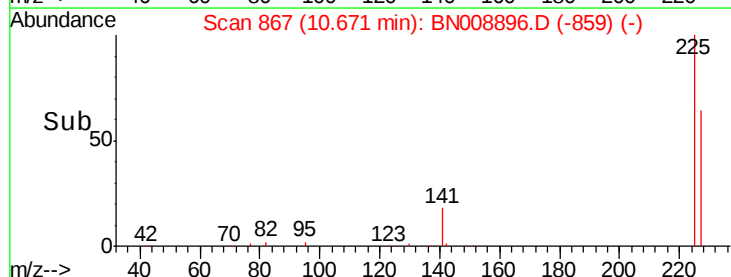
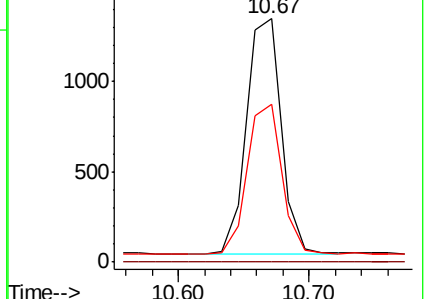
227 63.3 51.4 77.2

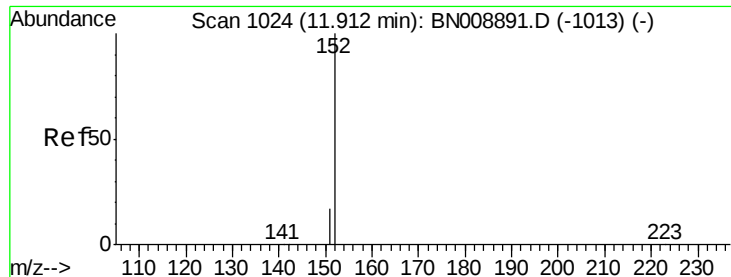


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

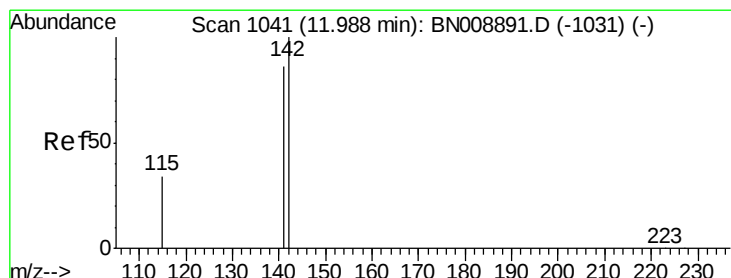
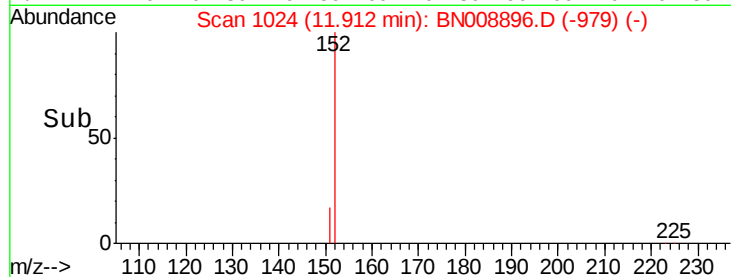
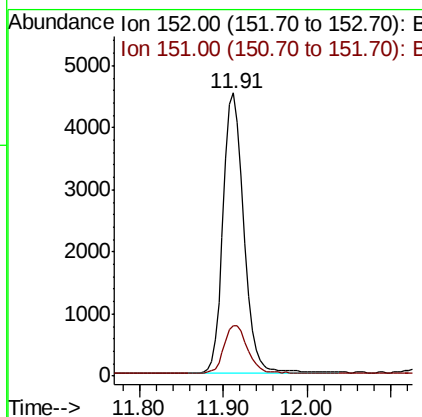
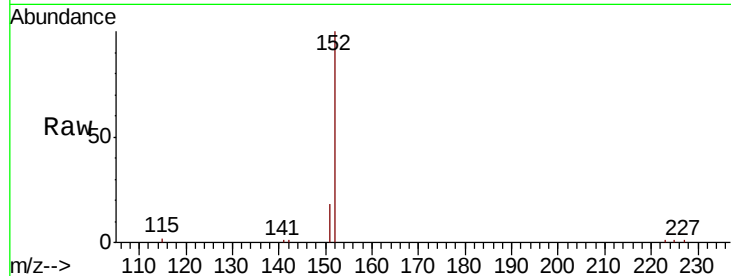




#11
 2-Methylnaphthalene-d10
 Concen: 0.419 ng
 RT: 11.91 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BN008896.D
 Acq: 09 Dec 2019 17:49

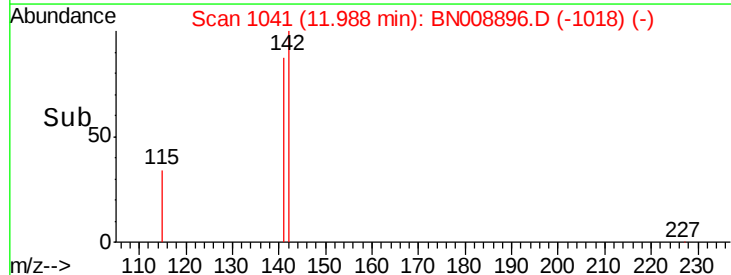
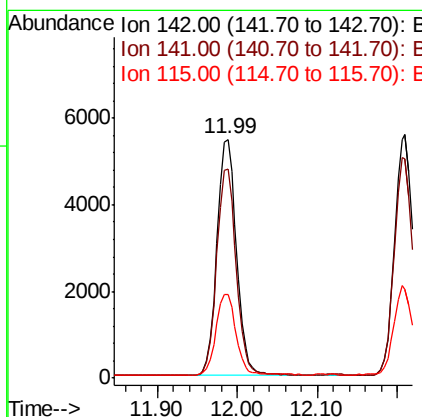
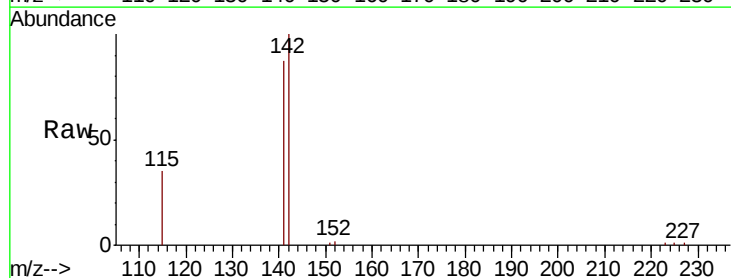
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN120919

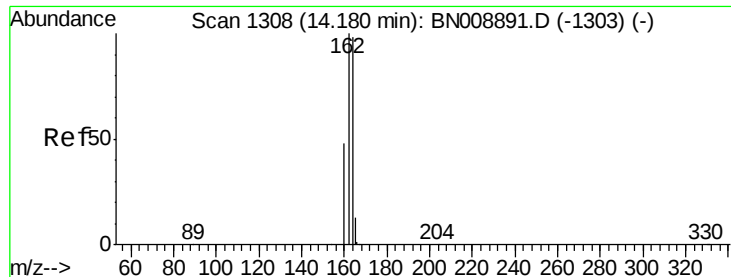
Tot Ion:152 Resp: 7704
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.424 ng
 RT: 11.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BN008896.D
 Acq: 09 Dec 2019 17:49

Tgt Ion:142 Resp: 9264
 Ion Ratio Lower Upper
 142 100
 141 87.4 69.3 103.9
 115 35.1 27.9 41.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

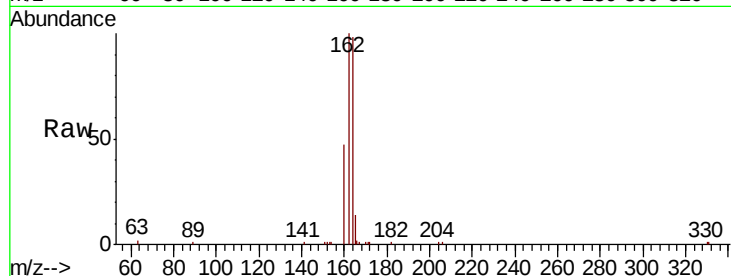
Tot Ion:164 Resp: 7714

Ion Ratio Lower Upper

164 100

162 101.5 81.9 122.9

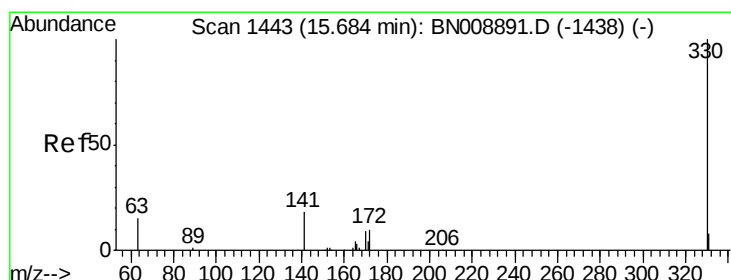
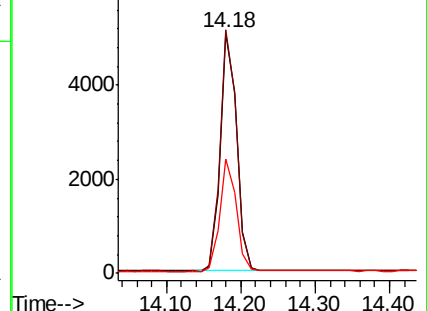
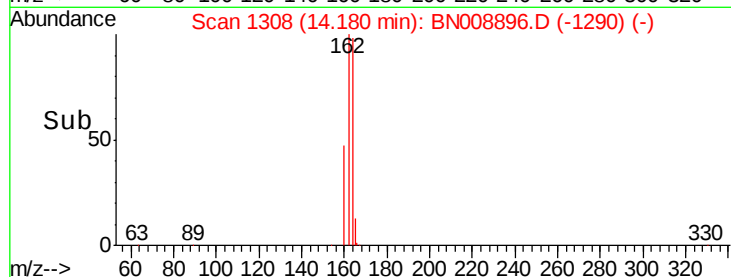
160 47.9 39.3 58.9



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: 0.378 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

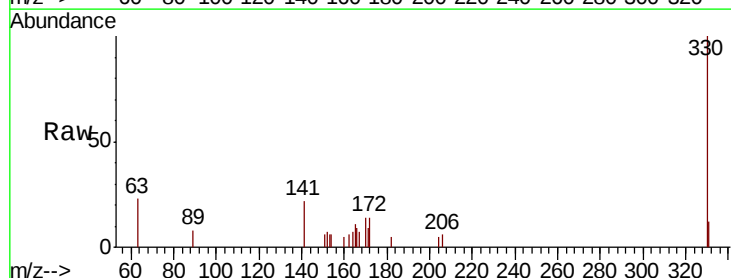
Tgt Ion:330 Resp: 1398

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

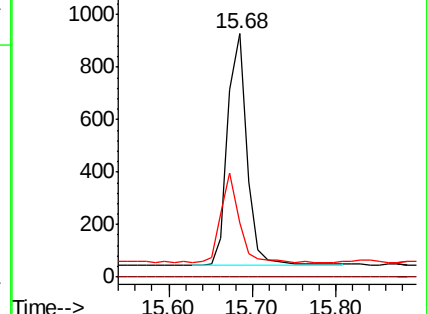
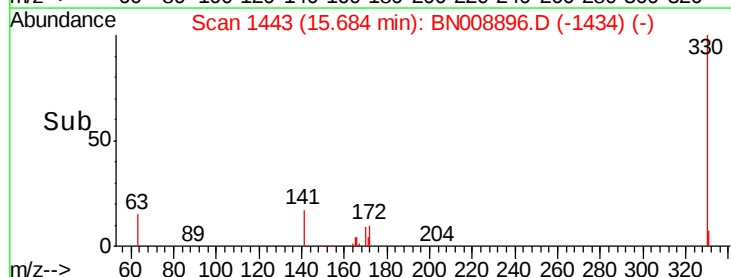
141 36.8 29.6 44.4



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

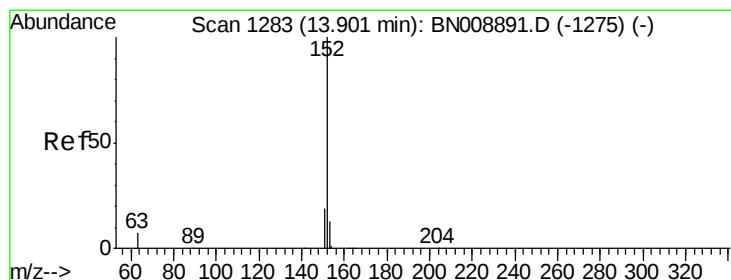
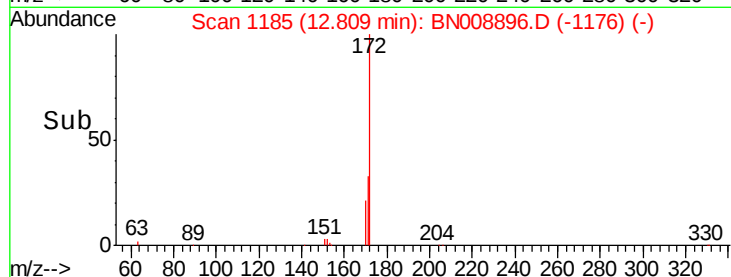
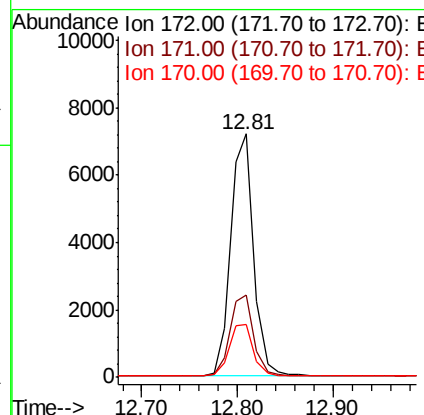
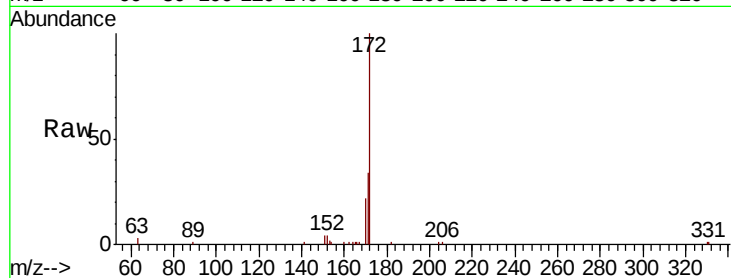




#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008896.D
Acq: 09 Dec 2019 17:49

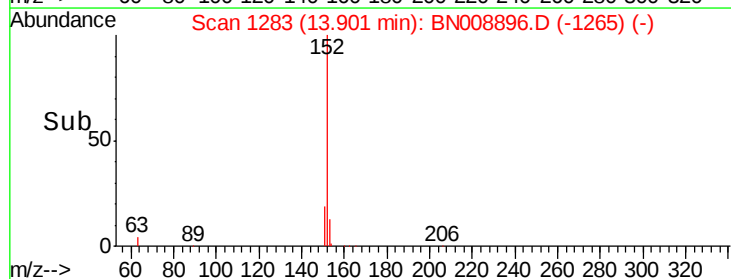
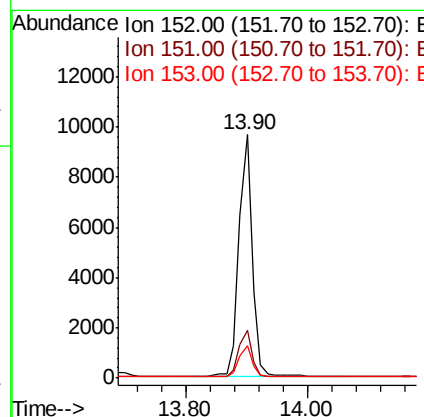
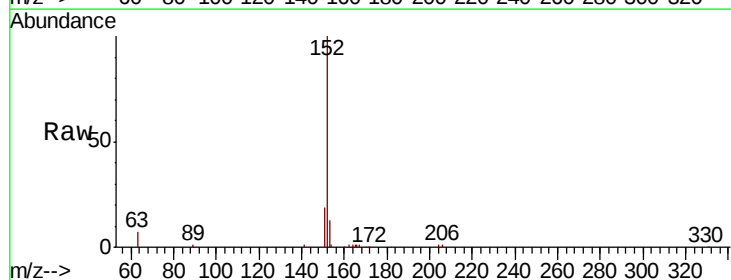
Instrument :
BNA_N
ClientSampleId :
ICVBN120919

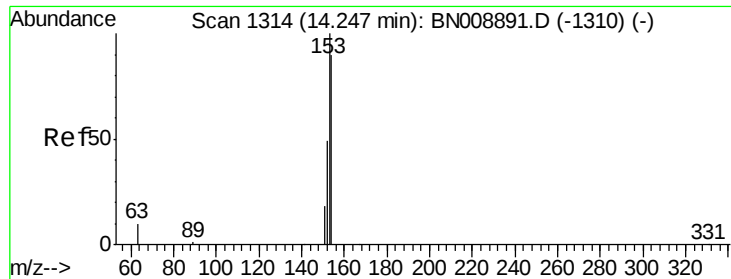
Tot Ion:172 Resp: 11948
Ion Ratio Lower Upper
172 100
171 33.7 27.1 40.7
170 21.5 17.7 26.5



#16
Acenaphthylene
Concen: 0.418 ng
RT: 13.90 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN008896.D
Acq: 09 Dec 2019 17:49

Tgt Ion:152 Resp: 14742
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9
153 12.9 10.3 15.5





#17

Acenaphthene

Concen: 0.425 ng

RT: 14.25 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

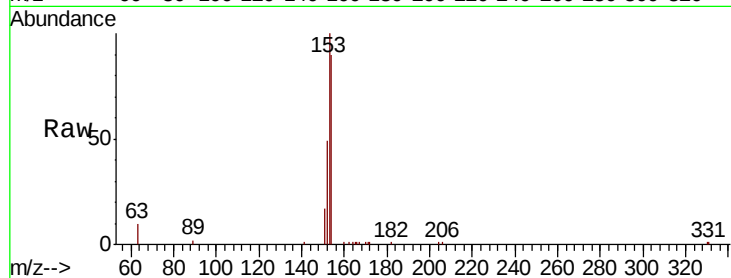
Tot Ion:154 Resp: 9959

Ion Ratio Lower Upper

154 100

153 112.2 89.2 133.8

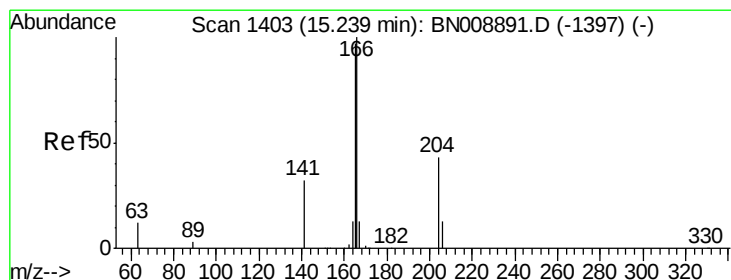
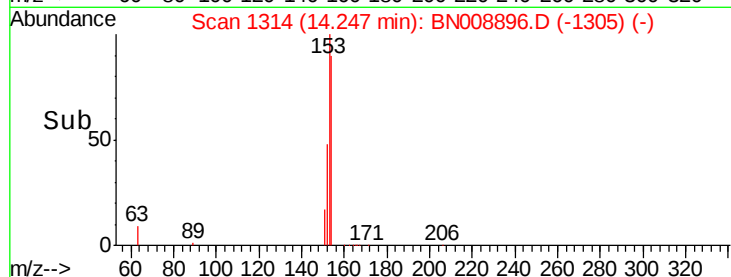
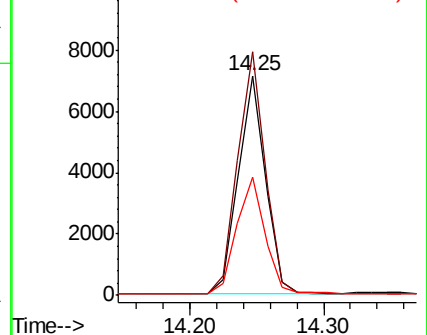
152 55.8 44.2 66.4



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: 0.427 ng

RT: 15.24 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

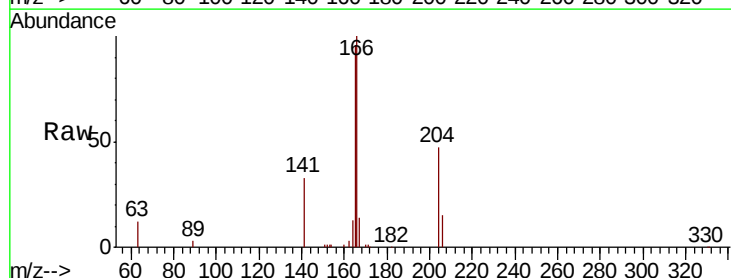
Tgt Ion:166 Resp: 13462

Ion Ratio Lower Upper

166 100

165 96.6 77.3 115.9

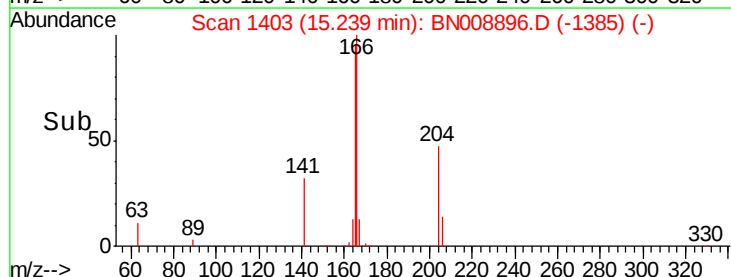
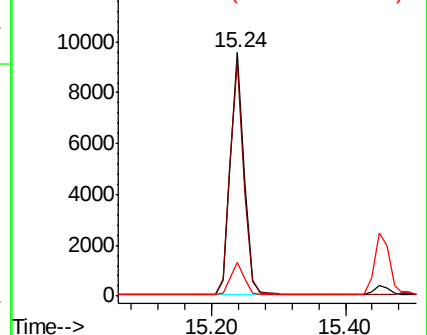
167 13.4 10.8 16.2

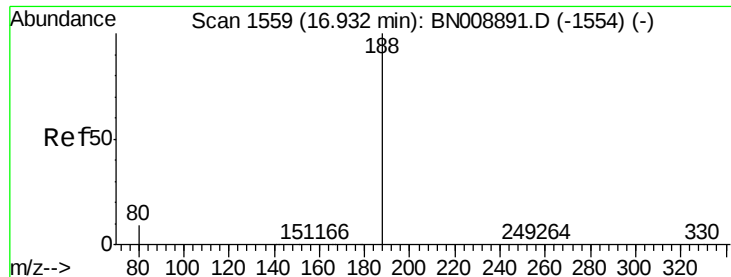


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

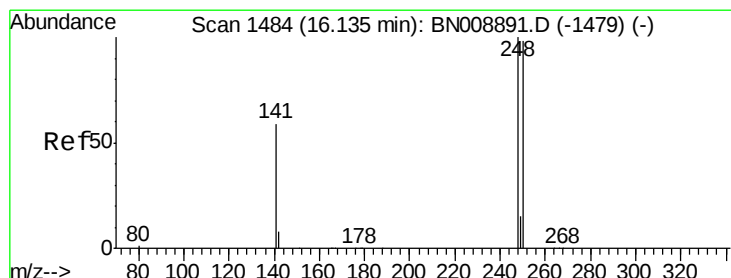
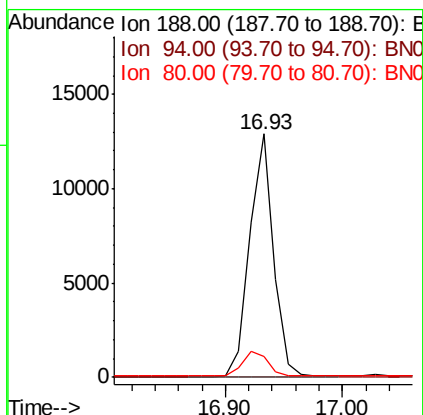
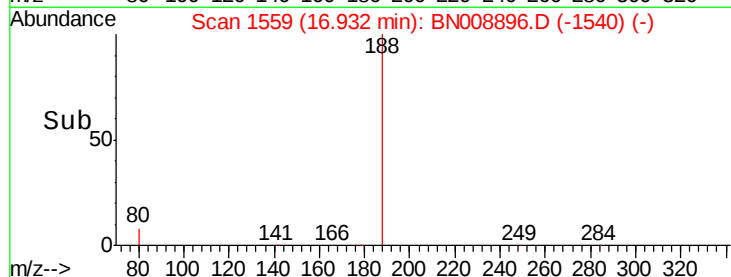
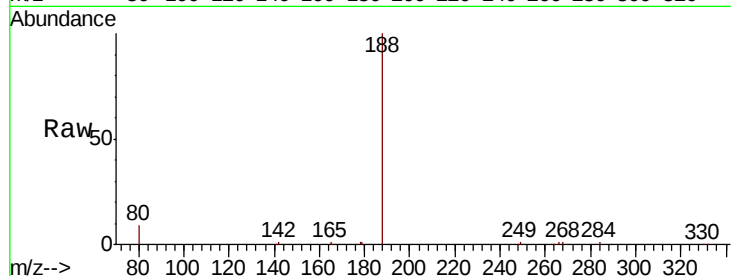
Tot Ion:188 Resp: 18199

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 7.3 10.9



#20

4-Bromophenyl-phenylether

Concen: 0.404 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

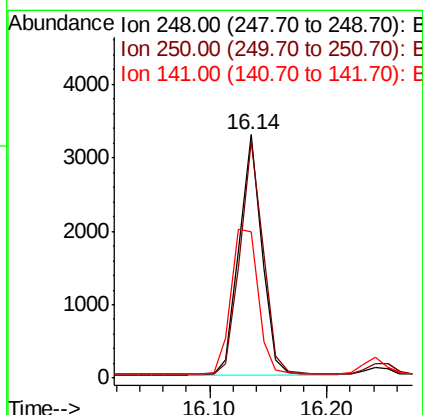
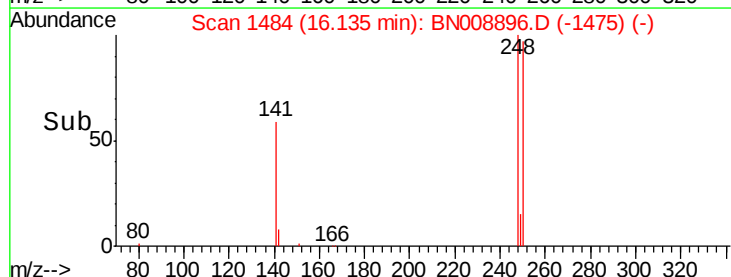
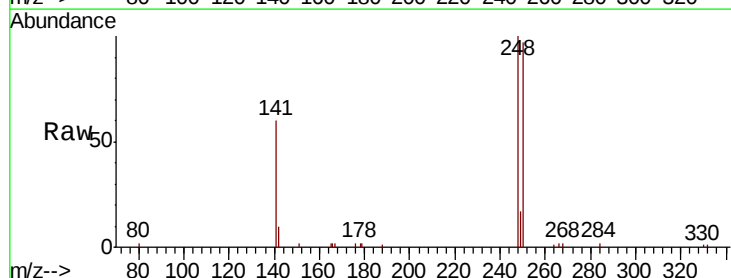
Tgt Ion:248 Resp: 4400

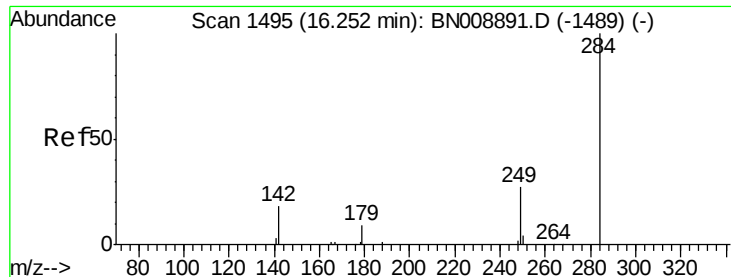
Ion Ratio Lower Upper

248 100

250 97.4 78.7 118.1

141 59.9 47.9 71.9





#21

Hexachlorobenzene

Concen: 0.406 ng

RT: 16.25 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

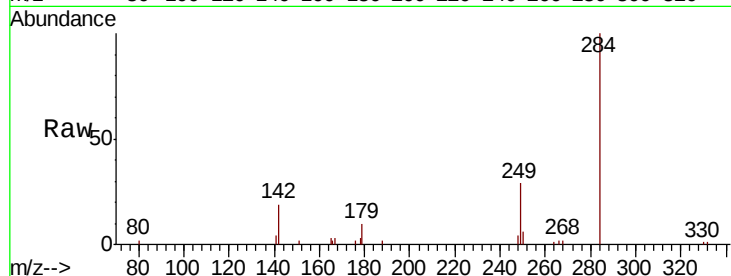
Tot Ion:284 Resp: 5038

Ion Ratio Lower Upper

284 100

142 35.4 27.8 41.6

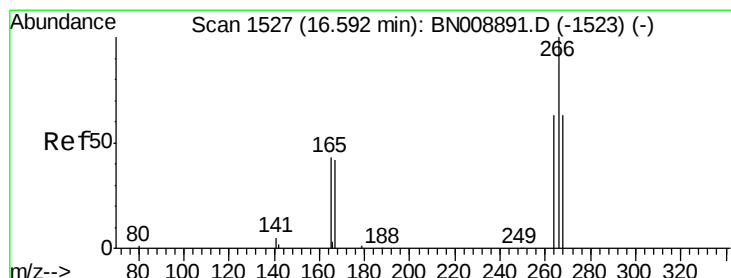
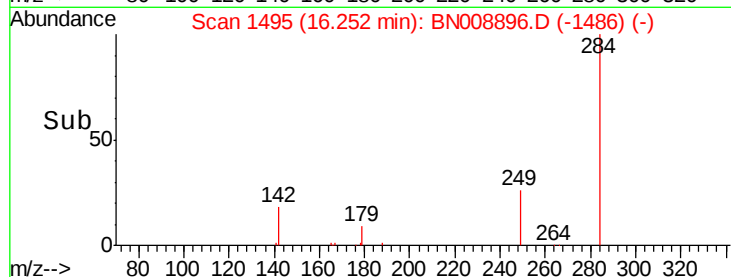
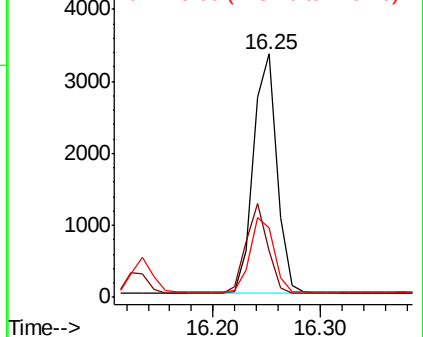
249 31.8 25.3 37.9



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: 0.352 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

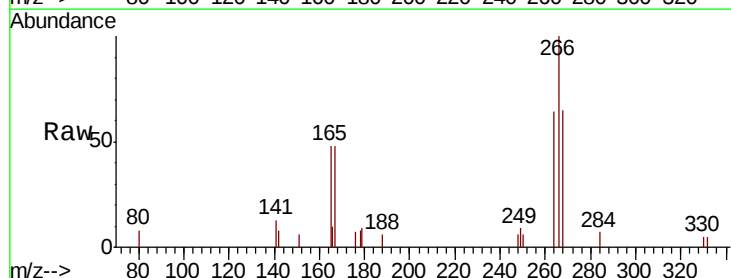
Tgt Ion:266 Resp: 1575

Ion Ratio Lower Upper

266 100

264 64.1 51.5 77.3

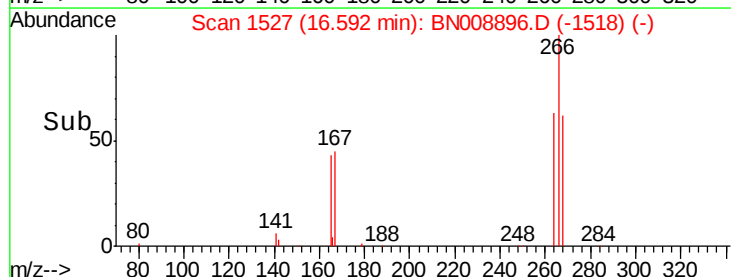
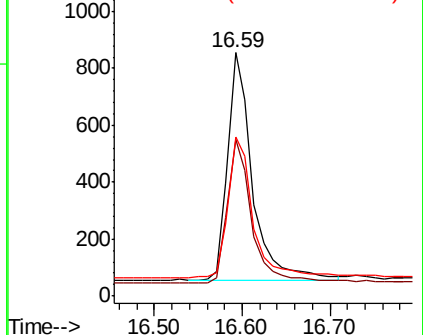
268 65.2 53.1 79.7

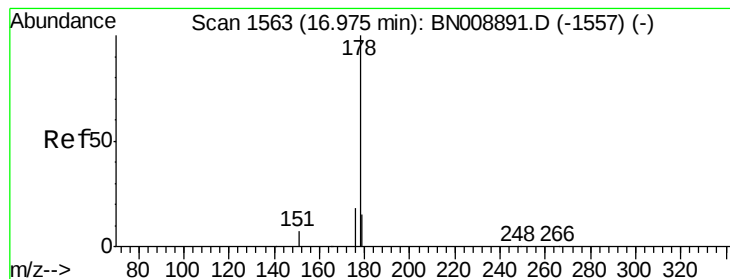


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.406 ng

RT: 16.97 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

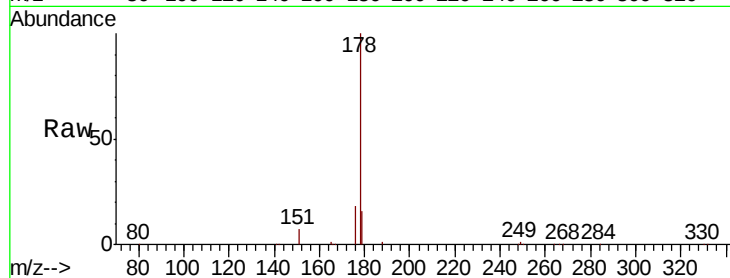
Tot Ion:178 Resp: 23239

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.6 12.3 18.5

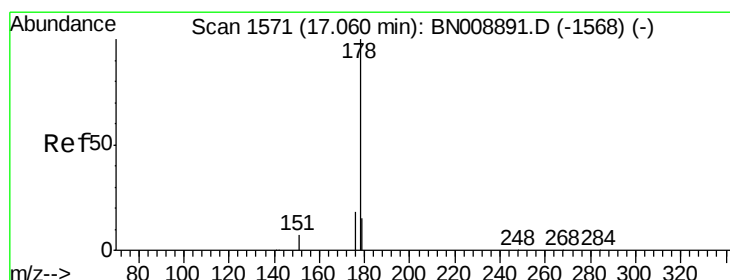
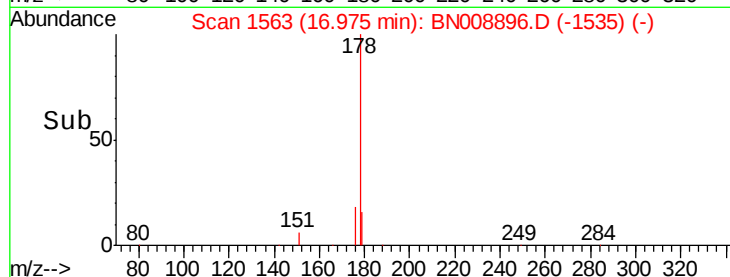
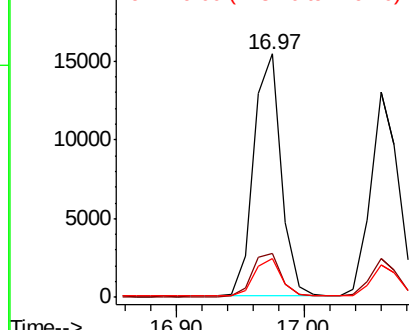


Abundance

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



#24

Anthracene

Concen: 0.397 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

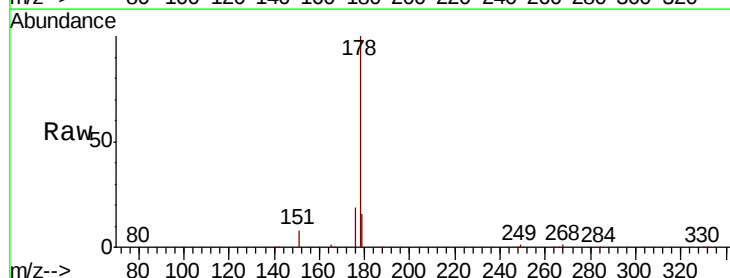
Tgt Ion:178 Resp: 20022

Ion Ratio Lower Upper

178 100

176 17.9 14.4 21.6

179 15.5 12.1 18.1

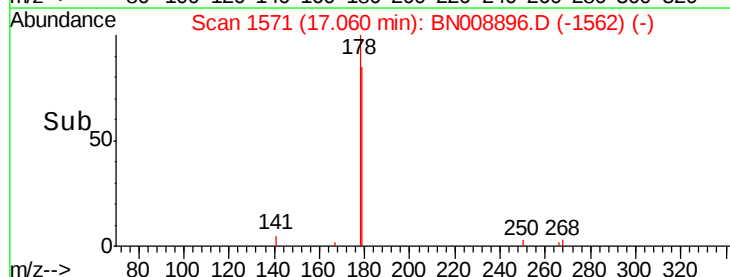
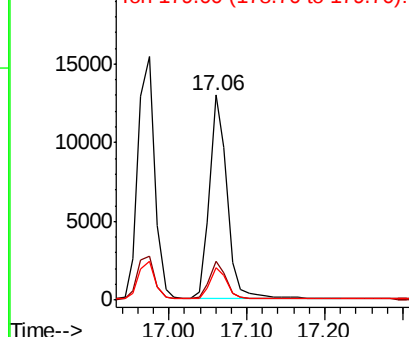


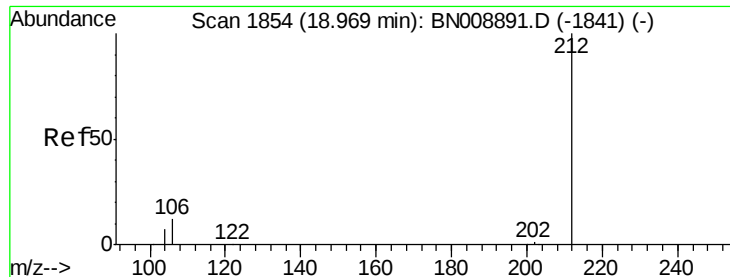
Abundance

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: 0.395 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

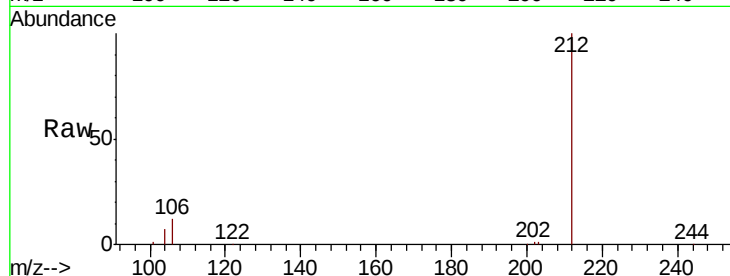
Tot Ion:212 Resp: 21753

Ion Ratio Lower Upper

212 100

106 12.9 10.4 15.6

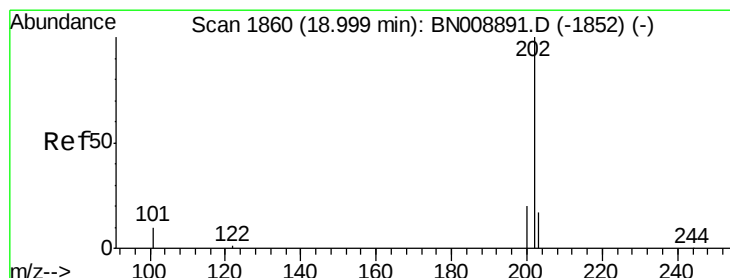
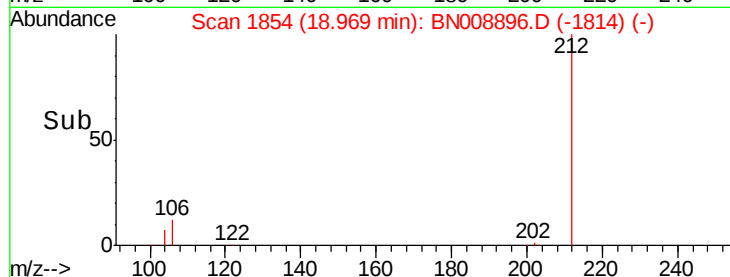
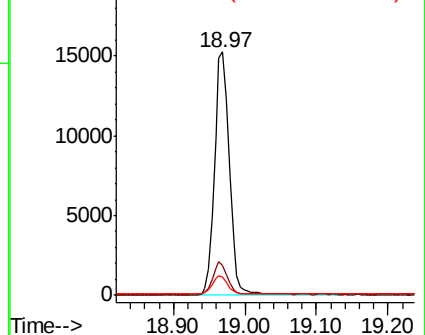
104 7.5 5.9 8.9



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: 0.403 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

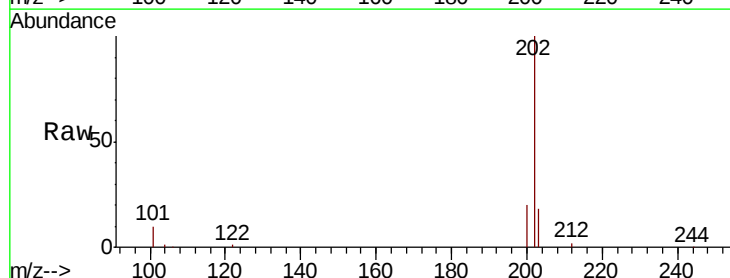
Tgt Ion:202 Resp: 27466

Ion Ratio Lower Upper

202 100

101 11.0 8.8 13.2

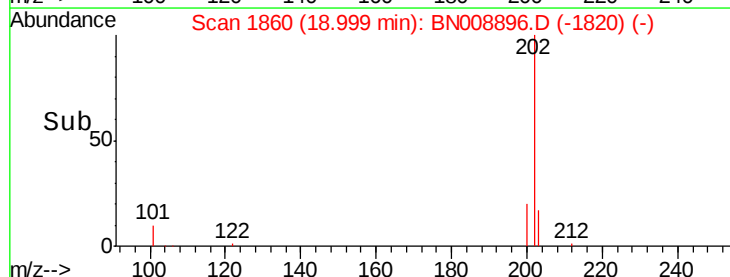
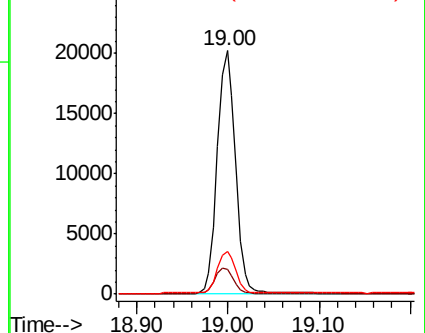
203 17.2 13.8 20.6

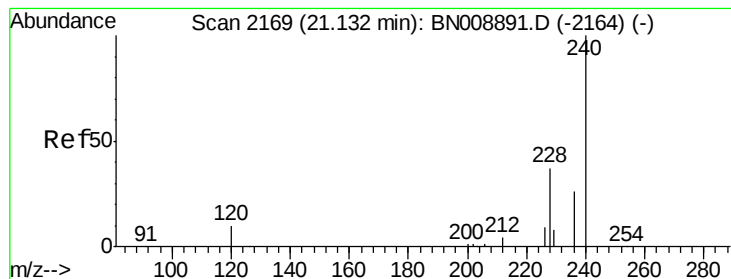


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

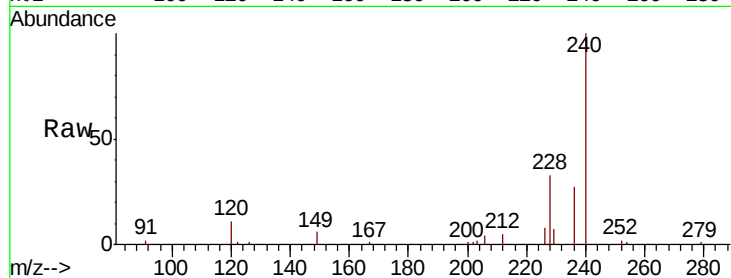
Tot Ion:240 Resp: 18414

Ion Ratio Lower Upper

240 100

120 11.3 9.1 13.7

236 27.2 21.5 32.3

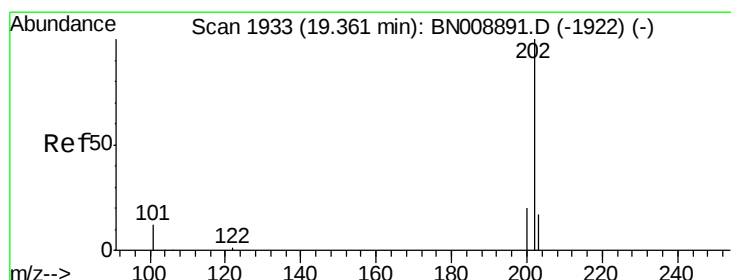
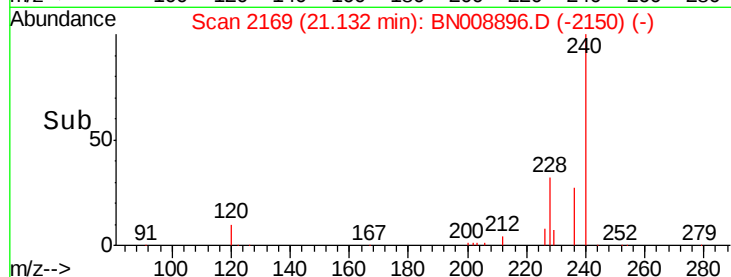
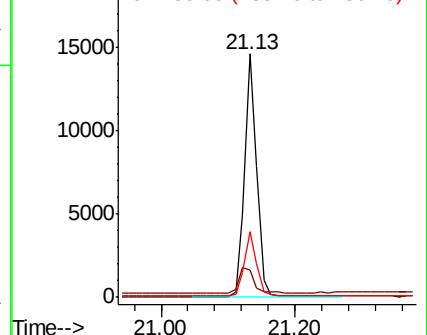


Abundance

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: 0.430 ng

RT: 19.36 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

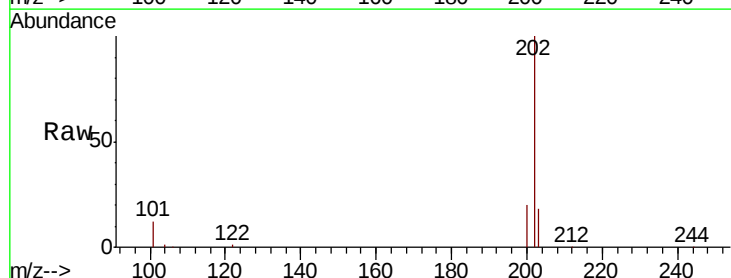
Tgt Ion:202 Resp: 27731

Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.4 13.9 20.9

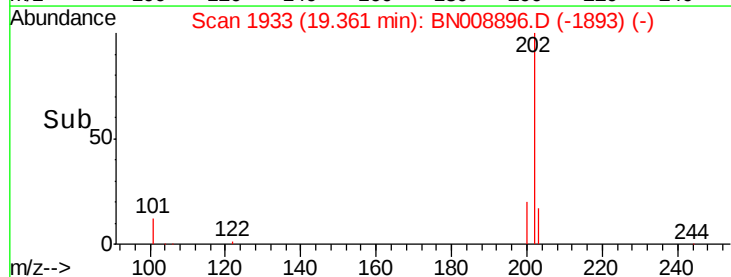
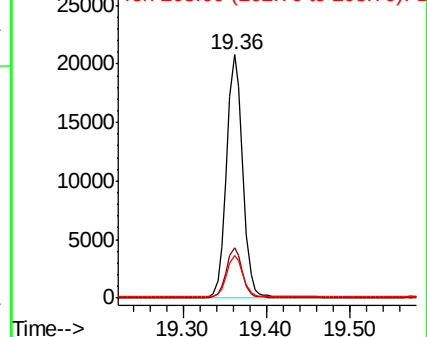


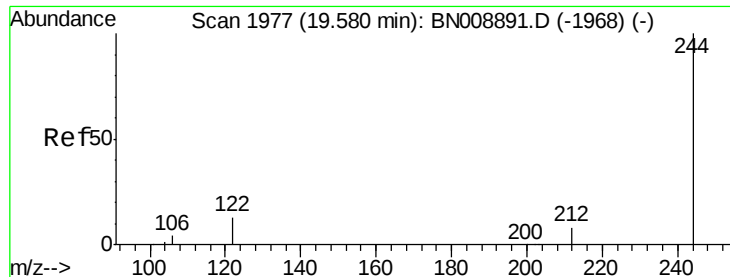
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

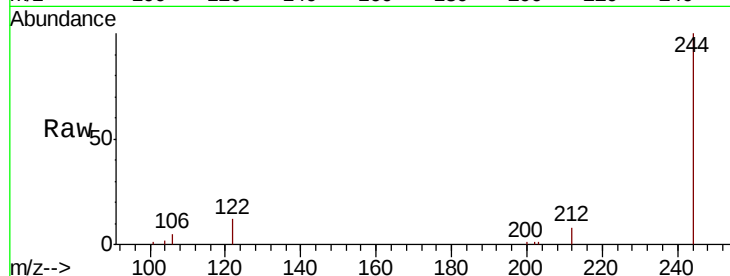
Tot Ion:244 Resp: 17221

Ion Ratio Lower Upper

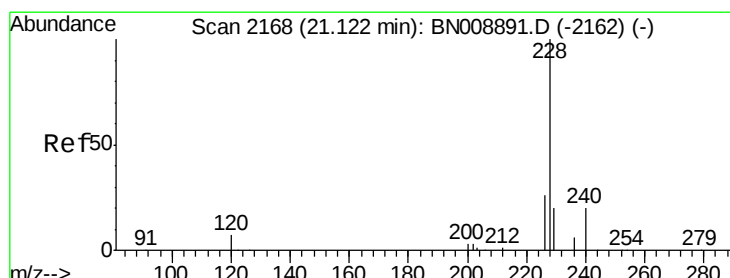
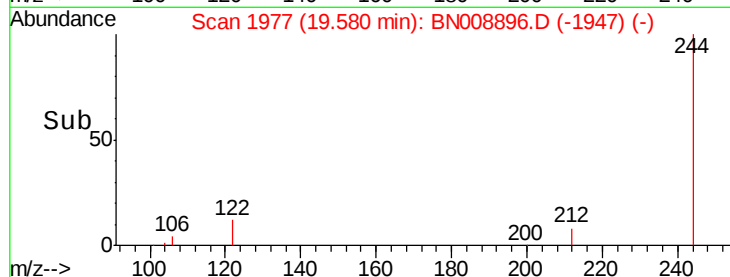
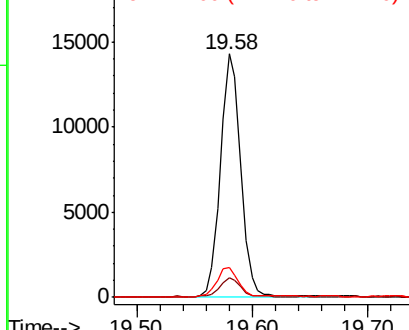
244 100

212 7.9 6.5 9.7

122 12.2 10.4 15.6



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



#30

Benzo(a)anthracene

Concen: 0.422 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

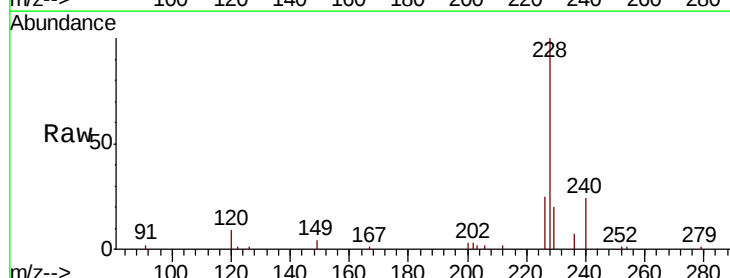
Tgt Ion:228 Resp: 27545

Ion Ratio Lower Upper

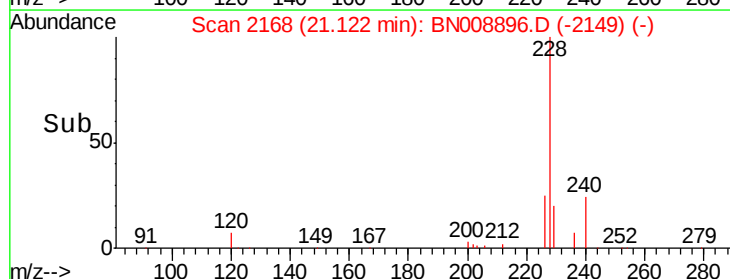
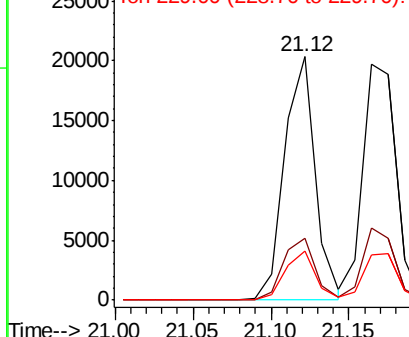
228 100

226 25.3 20.6 30.8

229 19.9 15.9 23.9



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: 0.429 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

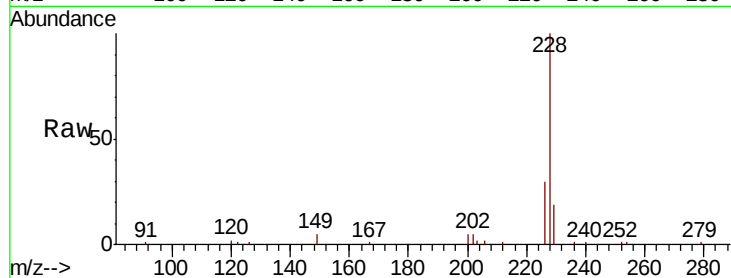
Tot Ion:228 Resp: 29046

Ion Ratio Lower Upper

228 100

226 30.3 22.2 33.4

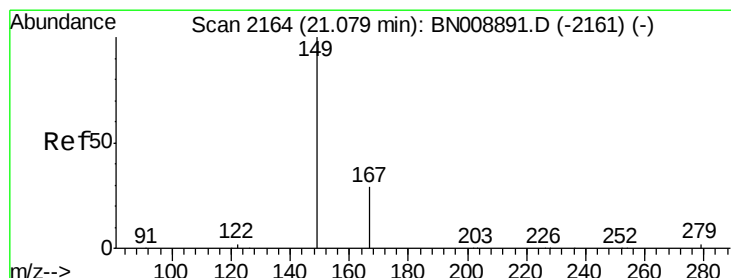
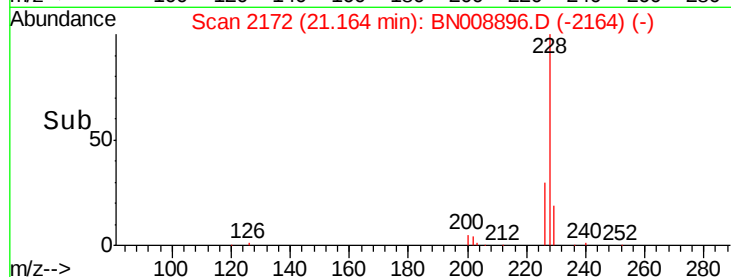
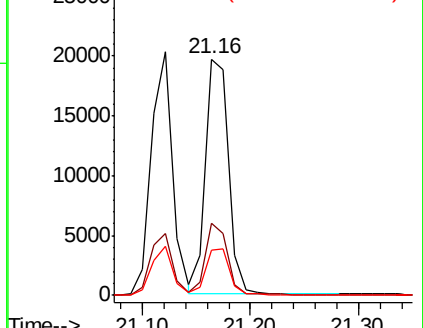
229 19.2 15.9 23.9



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: 0.347 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

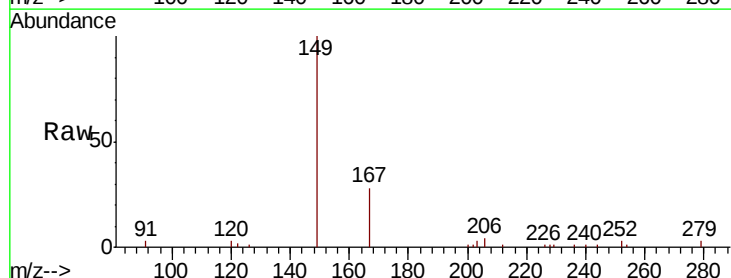
Tgt Ion:149 Resp: 10608

Ion Ratio Lower Upper

149 100

167 28.5 22.7 34.1

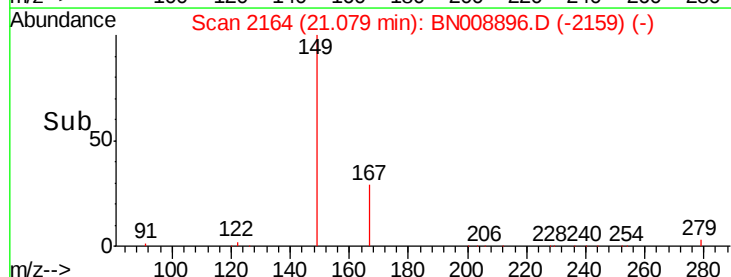
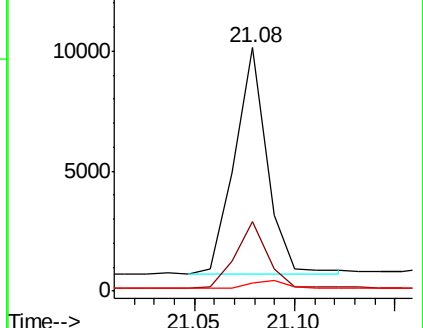
279 3.9 3.3 4.9

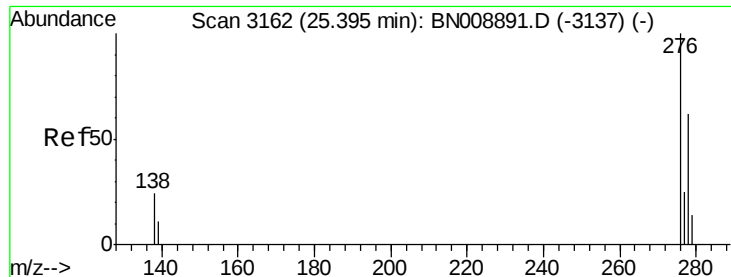


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.424 ng

RT: 25.39 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

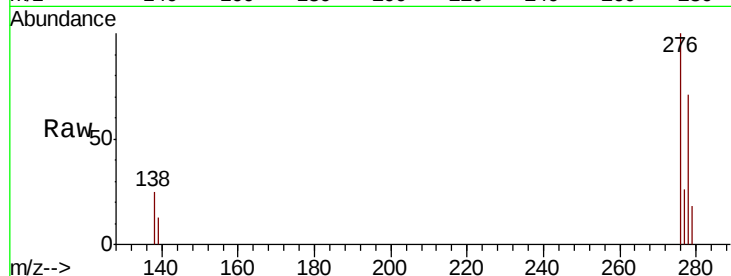
Tot Ion:276 Resp: 30370

Ion Ratio Lower Upper

276 100

138 25.9 19.9 29.9

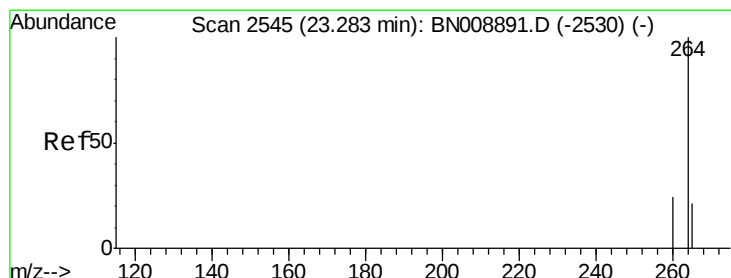
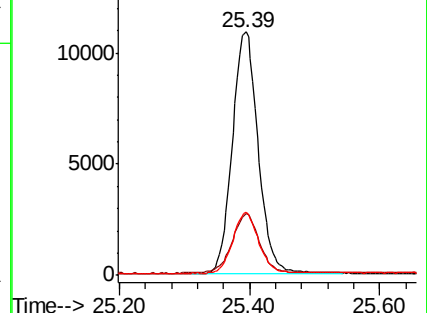
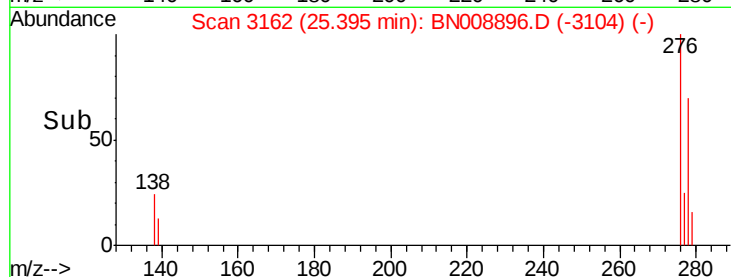
277 24.9 19.8 29.8



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: 23.28 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

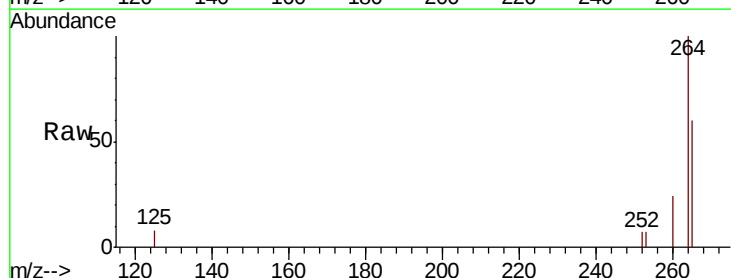
Tgt Ion:264 Resp: 19259

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

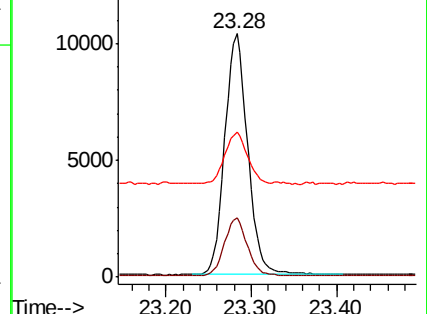
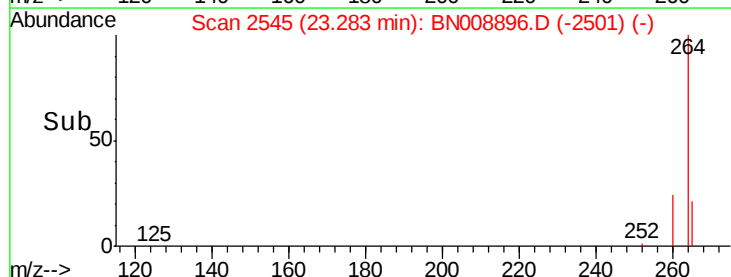
265 59.6 47.5 71.3

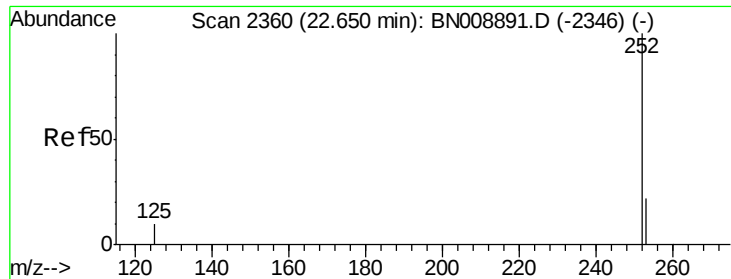


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.417 ng

RT: 22.65 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

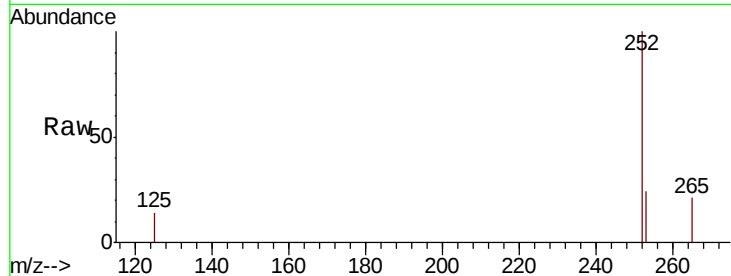
Tot Ion:252 Resp: 28749

Ion Ratio Lower Upper

252 100

253 24.5 19.8 29.6

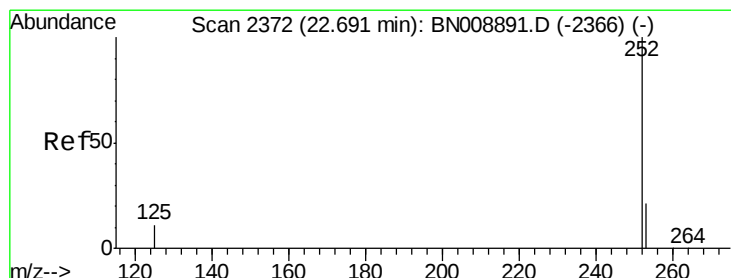
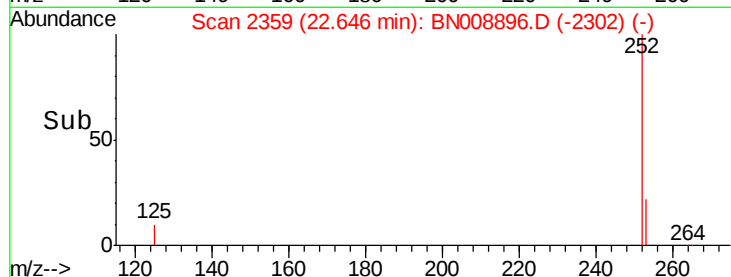
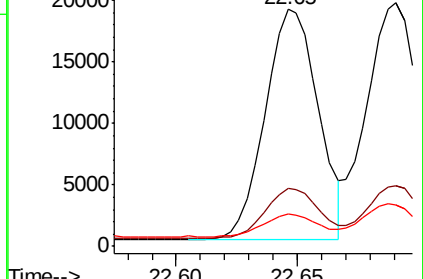
125 13.7 10.8 16.2



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



#36

Benzo(k)fluoranthene

Concen: 0.437 ng

RT: 22.69 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

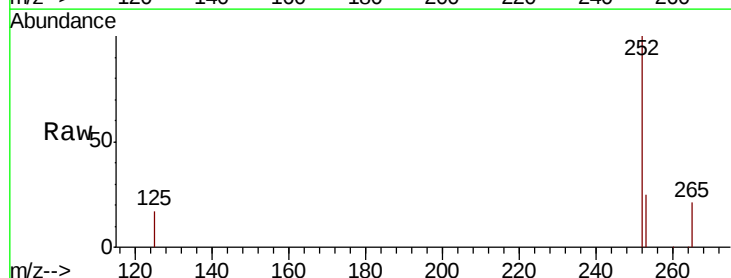
Tgt Ion:252 Resp: 30347

Ion Ratio Lower Upper

252 100

253 25.1 19.2 28.8

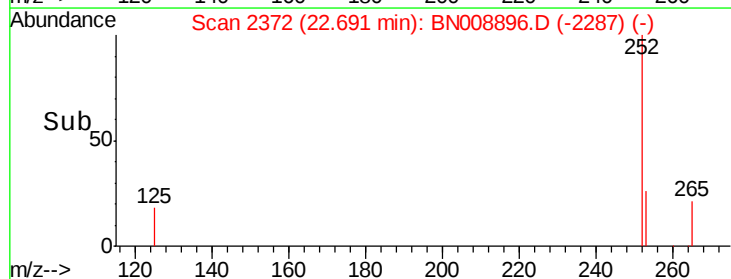
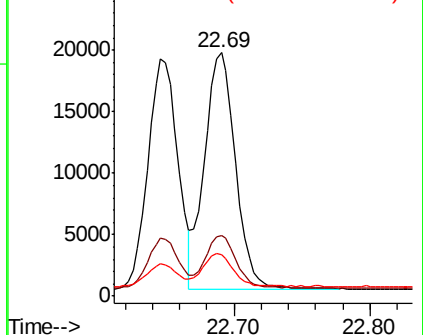
125 17.1 11.6 17.4

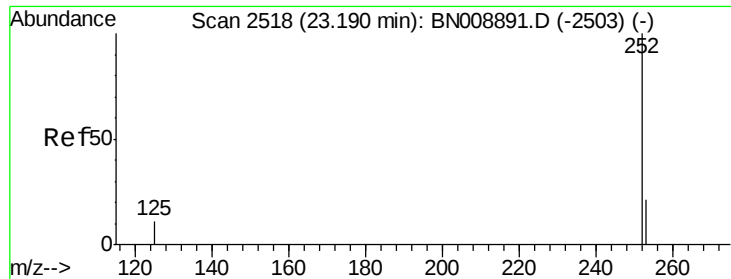


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.418 ng

RT: 23.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

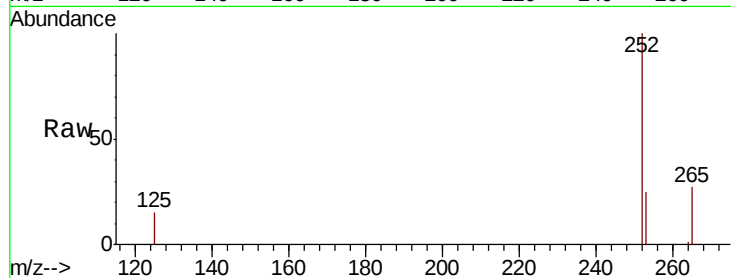
Tot Ion:252 Resp: 25908

Ion Ratio Lower Upper

252 100

253 25.4 19.9 29.9

125 15.4 12.3 18.5

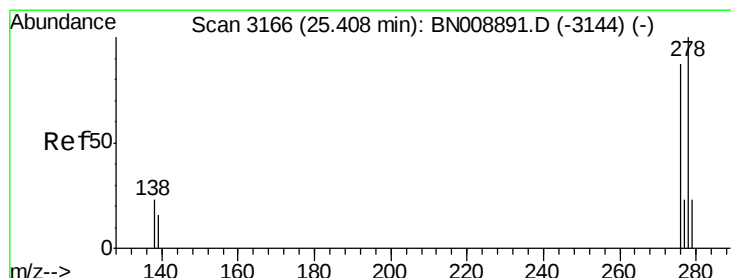
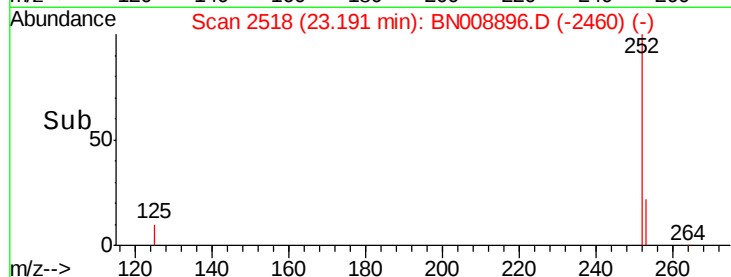
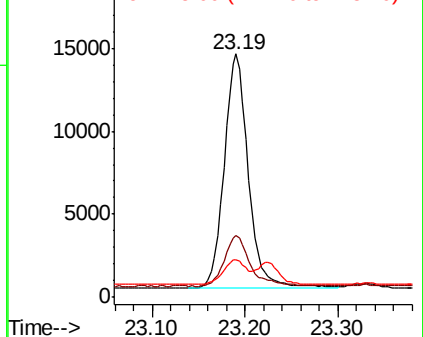


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.424 ng

RT: 25.41 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

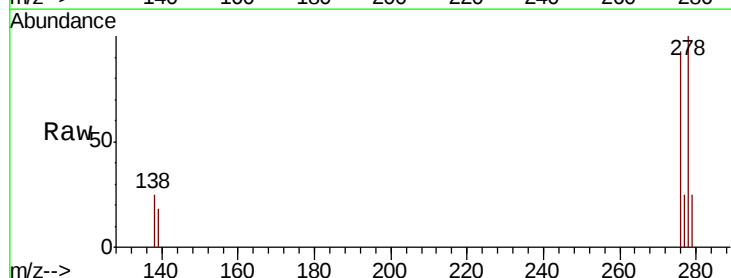
Tgt Ion:278 Resp: 24629

Ion Ratio Lower Upper

278 100

139 17.6 13.9 20.9

279 25.1 20.2 30.4

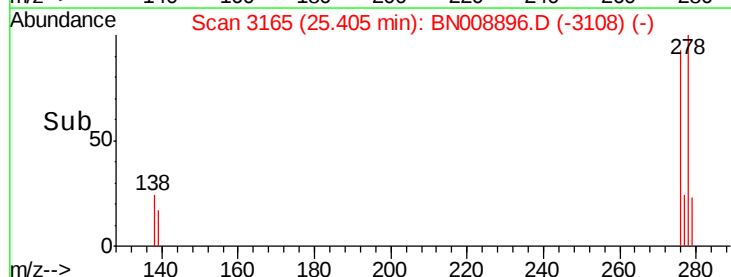
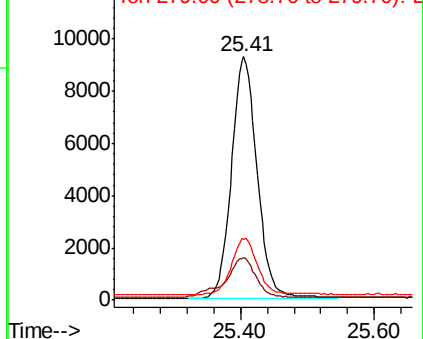


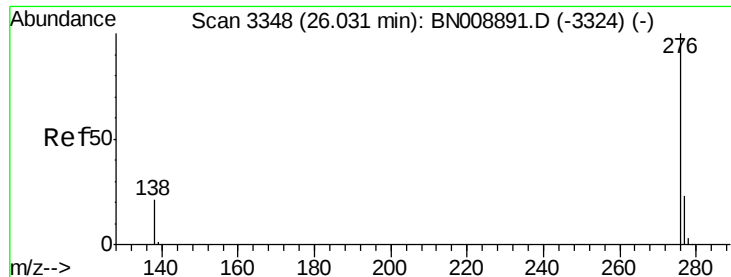
Abundance

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: 0.424 ng

RT: 26.03 min Scan# 3349

Delta R.T. 0.00 min

Lab File: BN008896.D

Acq: 09 Dec 2019 17:49

Instrument :

BNA_N

ClientSampleId :

ICVBN120919

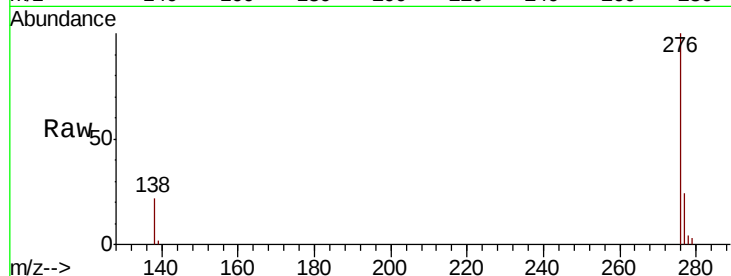
Tot Ion: 276 Resp: 24287

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.2

138 22.1 17.8 26.6



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

